

MISTIC UNIT OF MEASURE ABBREVIATIONS

=====> ENGLISH VALUES <=====
EFFECTIVE DATE: 11/20/75

TONS	TON, TONS
CUYD	CUBIC YARDS
SQYD	SQUARE YARDS
LINF	LINEAL FEET
SQFT	SQUARE FEET
ACRE	ACRE
GAL	GALLON
EA	EACH
LB	POUND
FBM	FOOT BOARD MEASURE
LSUM	LUMP SUM
PC	PIECES
BBL	BARREL
N/A	NOT APPLICABLE
CWT	HUNDRED-WEIGHT
BALES	BALES

=====> METRIC VALUES <=====
EFFECTIVE DATE: 05/01/96

M TON	METRIC TON
CU M	CUBIC METER
SQ M	SQUARE METER
METER	METER
HA	HECTARE
LITER	LITER
EA	EACH
KG	KILOGRAM
LSUM	LUMP SUM
N/A	NOT APPLICABLE

MATERIAL GROUP

001 AGGREGATES
100 BITUMINOUS MATERIALS
175 BITUMINOUS MIXTURES
200 CASTINGS {IRON & STEEL FRAMES, GRATES & {LIDS}
215 CONCRETE MIXTURES
250 CONCRETE MASONRY UNITS
275 PRESTRESSED & POSTTENSIONED CONCRETE PRODUCTS
300 ELECTRICAL CABLE & CONDUIT
330 LIGHT & SIGNAL STANDARD
350 LUMBER & TIMBER PRODUCT
365 PILING
375 PORTLAND CEMENT
380 WATERPROOFING
400 PAINTS & PAINT MATERIALS
420 CHEMICAL
450 CORRUGATED STEEL PIPE
475 CONCRETE PIPE & DRAIN TITLE
490 PLASTICS
500 CLAY PIPE & DRAIN TITLE
510 CAST IRON PIPE
520 CORRUGATED ALUMINUM PIPE
540 BRIDGE RAIL
550 GUARD RAIL
560 LANDSCAPE
575 FENCING
600 SIGNING
615 JOINT FILLERS & SEALERS
625 REINFORCING STEEL
650 STRUCTURAL STEEL
675 MISCELLANEOUS STEEL
700 MISCELLANEOUS MATERIALS
750 STABILIZED SOIL MIXTURES
775 MISCELLANEOUS METALS
800 MISCELLANEOUS MAINTENANCE MATERIALS

SEVERAL ITEMS CALLING FOR A DIAMETER IN THE DESCRIPTION FIELDS REQUIRE THE MEASUREMENT TO BE MADE AS OUTSIDE DIAMETER, INSIDE DIAMETER, OR NOMINAL DIAMETER. FOLLOWING ARE SOME ITEMS FALLING IN THIS CATEGORY:

MATERIAL GROUP	MATERIAL CODE NO.	ENTER AS:
300	31602	ID
450	45201-45310	NOMINAL ID
	45315-45320	NOMINAL ID
	46203	NOMINAL ID
450	45401-45512	EQUIVALENT NOMINAL DIAMETER
	47901-47911	EQUIVALENT NOMINAL DIAMETER
520	52301-52304	EQUIVALENT NOMINAL DIAMETER
575	58117-58208	OD
	58213-58215	OD

AS A GENERAL RULE, CONCRETE PIPE AND CONDUIT ARE MEASURED AS ID, FENCE POSTS AS OD, AND METAL PIPE AS NOMINAL DIAMETER.

FOLLOWING IS A LIST OF THOSE CODES THAT REQUIRE THE DESCRIPTION TO BE ENTERED IN A SPECIFIC MANNER:

MATERIAL GROUP	MATERIAL CODES	ITEM NUMBER	ENTER AS:
300	30502-31701	14 }	WHOLE NUMBERS &
450	45101-45803	16 }	DECIMALS OR
	46101-46201	16 }	DECIMALS ONLY
	46203-46204	16 }	{I.E., 0.5, 1.25,
520	52101-52701	16 }	ETC.}
540	54105-54206	16 }	
550	55100-55105	16 }	
575	58117	34,24 }	
	58115,58116,58118	14,24 }	
	58208-58215	34,24 }	
625	63103-63104	14 }	
475	47601-47911	19	WHOLE NUMBERS & FRACTION {I.E., 7-1/2, ETC.}
625	62601-62609	14 }	WHOLE NUMBERS &
	62904M400-62907	14 }	FRACTION {I.E.,
	63101-02,63105-06	14 }	4-1/2, 4-6/24, 5,
	63201-63202,63207	14 }	ETC.}
	62701-62711	11 }	
650	65101-6521650	16 }	
	65401-6541250	52 }	
675	ALL CODE NUMBERS REQUIRING A DIAMETER	14 }	

IN OTHER CASES NUMERIC DIMENSIONS MAY BE ENTERED AS DECIMALS OR FRACTIONS; HOWEVER, IF A FRACTION, PUT A DASH BETWEEN THE WHOLE NUMBER AND THE FRACTION {I.E., 1-1/2}.

UNDER ITEMS 10, 21, 23, & 42, IN TABLE I ENTER NUMBERS LESS THAN TEN AS 01, 02, ETC.

TABLE I

ENTER THE APPROPRIATE DESCRIPTION WHERE ITEM NUMBER APPEARS IN THE MATERIAL CODE.

ITEM NO.	DESCRIPTION	
1	(OBSOLETE)CA06, CA10, CA12 (CM06, CM10, CM12)	
2	(OBSOLETE)CA02, CA04, CA06, CA10, CA12 (CM02, CM04, CM06, CM10, CM12)	
3	(OBSOLETE)CA06, CA10 (CM06, CM10)	
4	(OBSOLETE)SPCL	
5	(OBSOLETE)CA06 (CM06)	
6	HIGHWAY STANDARD NUMBER {I.E., 2242}	
7	WIDTH (FEET)	
8	SECTION NUMBER (I.E., PDA 27)	
9	IRON CASTING TYPE GRAY DUCTILE	
10		LOCATION WITH CORRESPONDING NUMERIC CODE(S)
	BD BRIDGE DECK	(16, 18, 27, 46)
	MS MASSIVE STRUCTURES	(15, 35, 36)
	PC PRECAST CONCRETE STRUCTURES	(38)
	PCAST DECK SLAB	(19)
	PCAST PILES	(24)
	PCAST BARRIERS	(37)
	PP PAVEMENT PATCHING	(17)
	PS PRECAST PRESTRESSED MEMBERS	(20)
	PILES	(25)
	PV PAVEMENT, BASE COURSE & WIDENING, DRIVEWAYS	(01, 02, 10, 11, 34)
	RR PCC RAILROAD CROSSING	(12)
	SC SEAL COAT CONCRETE	(23)
	SH PCC SHOULDERS	(29)
	SI STRUCTURES-INCIDENTAL, C&G, MEDIAN, CULVERT, HEADWALL	(03, 08, 09, 13, 14, 21, 22, 31, 40, 41, 42, 43, 44, 45)

OR

ITEM NO.	DESCRIPTION
10 (CONT.)	01 FOR PCC BASE COURSE
	02 FOR PCC BASE COURSE WIDENING
	03 PCC CURB
	04 (OBSOLETE)PCC GUTTER
	05 (OBSOLETE)PCC COMBINATION CURB GUTTER
	06 (OBSOLETE)PCC STEP CURB & GUTTER
	07 (OBSOLETE)PCC HUB GUARD & GUTTER
	08 INCIDENTAL PCC PAVED DITCH
	09 INCIDENTAL PCC MEDIAN
	10 PAVEMENT PCC
	11 PAVEMENT PCC CONTINUOUSLY REINFORCED
	12 RAILROAD CROSSING PCC
	13 INCIDENTAL PCC SIDEWALK
	14 INCIDENTAL PCC SLOPE WALL
	15 STRUCTURES PCC
	16 BRIDGE DECK
	17 PAVEMENT PATCHING
	18 BRIDGE DECK PATCHING
	19 PRECAST PCC STRUCTURES DECK SLAB
	20 PRECAST PRESTRESSED MEMBERS
	21 INCIDENTAL PCC HEADWALLS
	22 INCIDENTAL PCC HANDRAIL
	23 SEAL COAT PCC
	24 PRECAST PCC PILING
	25 PRECAST PRESTRESSED PILES
	26 SHOTCRETE
	27 BRIDGE DECK OVERLAY CONCRETE
	28 (OBSOLETE)LATEX CONCRETE
	29 SHOULDERS PCC
	30 SUB-BASE PCC
	31 INCIDENTAL PCC
	32 FILL CLSM
	33 FILL CELLULAR
	34 PAVEMENT PCC JOINTED
	35 STRUCTURES PCC DRILLED SHAFT
	36 STRUCTURES PCC MASSIVE
	37 PRECAST PCC BARRIERS
	38 PRECAST PCC STRUCTURES
	39 PRECAST PRESTRESSED SIGHT SCREEN
	40 INCIDENTAL PCC STRUCTURES FOUNDATION
	41 INCIDENTAL PCC STRUCTURES FOOTING
	42 INCIDENTAL PCC STRUCTURES
	43 INCIDENTAL PCC BARRIERS
	44 INCIDENTAL PCC CULVERTS
	45 INCIDENTAL RETAINING WALLS
	46 BRIDGE DECK APPROACH SLAB

11	HEIGHT, (INCHES)
12	LENGTH, (INCHES)
13	WIDTH, (INCHES)

ITEM NO.	DESCRIPTION
14	DIAMETER, (INCHES)
15	DEPTH, (INCHES)
16	THICKNESS, (INCHES)
17	(OBSOLETE)PIECE
18	HEIGHT, (FEET)
19	LENGTH, (FEET)
20	WIRE SIZE, (GAUGE)
21	CABLE CHARACTERISTICS 01 BARE STRANDED 02 BARE SOLID 03 INSULATED STRANDED 04 INSULATED SOLID
22	PAY ITEM CODE NUMBER
23	TREATMENT TYPE 01 UNTREATED 02 CREOSOTE 03 PENTA 04 ARSENATES
24	WEIGHT/FOOT, (POUNDS)
25	(OBSOLETE)WEIGHT, POUNDS (KILOGRAMS)
26	EQUIVALENT DIAMETER, (INCHES)
27	TYPE
28	WALL THICKNESS, (INCHES)
29	(OBSOLETE)DESIGN CODE
30	GRADE
31	CLASS
32	(OBSOLETE)TYPE I OR II; OR 1 OR 2 {ADHESIVE}
33	NOMINAL DIAMETER, (INCHES)
34	OUTSIDE DIAMETER, (INCHES)

ITEM NO.	DESCRIPTION
35	TYPE OF SHEETING (OBSOLETE) A AA AP AZ (OBSOLETE) BB (OBSOLETE) B (OBSOLETE) C ZZ
36	(OBSOLETE) SQUARE INCHES
37	COLOR
38	NUMBER OF CONDUCTORS AND WIRE SIZE {I.E., 2/C-6}
39	REBAR SIZE {I.E., 6 }
40	SHAPE
41	GAUGE
42	(OBSOLETE) TYPE 01 FOR SOUTHERN YELLOW PINE 02 FOR WESTERN RED CEDAR 03 FOR DOUGLAS FIR 04 FOR CYPRESS 05 FOR HEMLOCK 06 FOR SPRUCE
43	MANUFACTURER CATALOG NUMBER
44	LONGITUDINAL SPACING X TRANSVERSE SPACING (INCHES)
45	LONGITUDINAL DEFORMED WIRE SIZE X TRANSVERSE DEFORMED WIRE SIZE
46	(OBSOLETE) WIDTH (INCHES) X LENGTH (FEET)
47	LONGITUDINAL DEFORMED WIRE SIZE X TRANSVERSE SMOOTH WIRE SIZE
48	LONGITUDINAL SMOOTH WIRE SIZE X TRANSVERSE DEFORMED WIRE SIZE
49	LONGITUDINAL SMOOTH WIRE SIZE X TRANSVERSE SMOOTH WIRE SIZE
50	LONGITUDINAL SIZE X TRANSVERSE SIZE
51	WIRE SIZE, REINFORCING {I.E., W7 OR D7}
52	(OBSOLETE) LENGTHS OF LEGS {I.E., 4 X 4}
53	BOLT/NUT STYLE 1 REGULAR 2 HEAVY

ITEM NO.	DESCRIPTION
54	CONDUTOR MATERIAL COPPER ALUMINUM
55	DEGREE OF BEND
56	DEGREE OF INTERSECTION
57	NUMBER OF PAIRS
58	(OBSOLETE) 01 LETTER UPPERCASE 02 LETTER LOWERCASE 03 NUMERAL 04 SYMBOL
59	NUMBER {I.E., 1, 2, ETC.}
60	(OBSOLETE) 01 PRISMATIC 02 REFLECTIVE SHEETING
61	BRAND NAME
62	(OBSOLETE) LOCATION CODE
63	WIDTH, (INCHES) AS DESCRIBED IN PAY ITEM (NOMINAL)
64	(OBSOLETE) 01 BLOCK/SOLID 02 GRANULAR/POWDERIZED
65	NUMBER OF COMPONENTS 02 TWO-COMPONENT 03 THREE-COMPONENT
66	(OBSOLETE) SHIELDED
67	(OBSOLETE) DEGREE OF BEND
68	DESIGN LOAD
69	USE 01 PIPE UNDERDRAINS 02 FRENCH DRAINS 04 REFLECTIVE CRACK CONTROL 05 GROUND STABILIZATION 06 RAILROAD CROSSING 07 RIPRAP
70	WEIGHT, OUNCES/SQUARE YARD

ITEM NO.	DESCRIPTION
71	MODIFIED (IF SEED IS NOT MODIFIED, LEAVE BLANK)
72	AGGREGATE TYPE - MICRO SURFACING 01 LIMESTONE 02 DOLOMITE 03 ACBF SLAG 04 SANDSTONE 05 CRUSHED GRAVEL 06 ACBF SLAG / LIMESTONE 07 SANDSTONE / LIMESTONE
73	DETECTABLE WARNING TYPE 01 PRECAST CONCRETE 02 IRON OR STEEL 03 PLASTIC 04 COMPOSITE
74	REBAR/STEEL PRODUCER NUMBER
75	TYPE 01 FIXED 02 GUIDED 03 NON-GUIDED
76	RESIN ABBR: COMPANY NAME-PRODUCT NAME (SEE THE QPL OF HIGH FRICTION SURFACE TREATMENT)
77	AGGREGATE ABBR: COMPANY NAME-LOCATION (SEE THE QPL OF HIGH FRICTION SURFACE TREATMENT)
78	GEOGRID TYPE 01 UNIAXIAL 02 BIAXIAL 03 TRIAXIAL
79	HEAD TYPE F FORGED T THREADED W WELDED
80	DEPTH (INCHES) X LENGTH (INCHES) X WIDTH (INCHES)
81	DEPTH (INCHES) X WIDTH (INCHES)
82	DIAMETER (INCHES) X DIAMETER (INCHES)
83	DIAMETER (INCHES) X LENGTH (INCHES)
84	HEIGHT (FEET) X LENGTH (INCHES)
85	HEIGHT (INCHES) X LENGTH (INCHES) X WIDTH (INCHES)
86	LENGTH (FEET) X WIDTH (INCHES) PREFACE 10

ITEM NO.	DESCRIPTION
87	HEIGHT (INCHES) X WIDTH (INCHES)
88	LENGTH (INCHES) X THICKNESS (INCHES) X WIDTH (INCHES)
89	LENGTH (INCHES) X WIDTH (INCHES)
90	THICKNESS (INCHES) X WIDTH (INCHES)
91	SIZING STANDARD CIOD CTS DIPS ID IPS ISO
92	DENSITY CELL CLASS 2 3 4
93	STIFFNESS CLASS 46 75 115 153
94	DIMENSION RATIO 7.3 9 9.3 11 13.5 14 15.5 17 18 21 23.5 25 26 27.5 32.5 35 41 51 64

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D A		77777				LINFT	A
D	AC BASE NO 1, HARD	11501				TONS	AC BASE NO 1 HARD
D	AC BASE NO 1, HARD	11501M				M TON	AC BASE NO 1 HARD
D	AC BASE NO 2, SOFT	11502				TONS	AC BASE NO 2 SOFT
D	AC BASE NO 2, SOFT	11502M				M TON	AC BASE NO 2 SOFT
D	ACCELERATING ADMIXTURE, TYPE E, WRDA TYPE III	42404				GAL	ACC AD TYE WRDA TY3
D	ACCELERATING ADMIXTURES, TYPE C POZZOLITH 500	42406				GAL	ACC AD TYC POZZ 500
D	ACCELERATING ADMIXTURES, TYPE C&E, LUBRICON NCA	42415				GAL	ACC AD TYC&E LUB NCA
D	ACCELERATING ADMIXTURES, TYPE C, CONCHEM HE 202	42414				GAL	ACC AD TYC CNCMHE202
D	ACCELERATING ADMIXTURES, TYPE C, DARASET	42407				GAL	ACC AD TYC DARASET
D	ACCELERATING ADMIXTURES, TYPE C, LUBRICON NCA	42416				GAL	ACC AD TYC LUB NCA
D	ACCELERATING ADMIXTURES, TYPE C, PDA HE202	42410				GAL	ACC AD TYC PDA HE202
D	ACCELERATING ADMIXTURES, TYPE E MASTER BUILDERS LL880	42402				GAL	ACC AD TYE MBLL
D	ACCELERATING ADMIXTURES, TYPE E POZZOLITH 122 HE	42401				GAL	ACC AD TYE POZZ122HE
D	ACCELERATING ADMIXTURES, TYPE E, ACCELGUARD 80	42413				GAL	ACC AD TYE ACCLGRD80
D	ACCELERATING ADMIXTURES, TYPE E, DARACCEL	42408				GAL	ACC AD TYE DARACCEL
D	ACCELERATING ADMIXTURES, TYPE E, LUBRICON NCA	42417				GAL	ACC AD TYE LUB NCA
D	ACCELERATING ADMIXTURES, TYPE E, NCA II	42411				GAL	ACC AD TYE NCA II
D	ACCELERATING ADMIXTURES, TYPE E, POZZUTEC-20	42412				GAL	ACC AD TYE POZZ 20
D	ACCELERATING ADMIXTURES, TYPE E, WRDA TYPE III	42405				GAL	ACC AD TYE WRDA TY3
D	ACCELERATING ADMIXTURES, TYPE C DAREX CORROSION INHIBITOR	42403				GAL	ACC AD TYC DCI
D	ACCELERATING ADMIXTURES, TYPE C, CALCIUM CHLORIDE, LIQUID, M144	42490				GAL	ACC AD TYC CACL M144
D	ACCELERATING ADMIXTURES, TYPE C, CALCIUM CHLORIDE, LIQUID, M144	42490M				LITER	ACC AD TYC CALC M144
D	ACCELERATING ADMIXTURES, TYPE C, POZZOLITH 555-A	42409				GAL	ACC AD TYC POZZ555A

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ACCESSORIES, BARRIER, TERMINAL ASSEMBLY, NCHRP (MASH) ONLY	55602	59			EA	ACC BAR TRAF NCHRP
	ACCESSORIES, BARRIER, TERMINAL ASSEMBLY, NCHRP (MASH) ONLY	55602M	59			EA	ACC BAR TRAF NCHRP
	ACCESSORIES, BARRIER, TRAFFIC TERMINAL ASSEMBLY, OTHER	55609	59			EA	ACC BAR TRAF OTHER
	ACCESSORIES, BARRIER, TRAFFIC TERMINAL ASSEMBLY, OTHER	55609M	59			EA	ACC BAR TRAF OTHER
	ACCESSORIES, BRIDGE RAILING	54305				EA	ACCESSORIES BR RAIL
	ACCESSORIES, BRIDGE RAILING	54305M				EA	ACCESSORIES BR RAIL
	ACCESSORIES, CABLE ROAD GUARD	55401				EA	ACCESSORIES CRG
	ACCESSORIES, CABLE ROAD GUARD	55401M				EA	ACCESSORIES CRG
	ACCESSORIES, HIGH TENSION CABLE MEDIAN BAR, REPLACEMENT ONLY	55607				EA	ACC HTCM BAR SYSTEM
	ACCESSORIES, HIGH TENSION CABLE MEDIAN BAR, REPLACEMENT ONLY	55607M				EA	ACC HTCM BAR SYSTEM
D	ACCESSORIES, SPAN WIRE	30607				EA	ACCESSORIES SPAN WR
D	ACCESSORIES, SPAN WIRE	30607M				EA	ACCESSORIES SPAN WR
	ACCESSORIES, STEEL PLATE BEAM GUARD RAIL, GALV.	55106				EA	ACCESSORIES SPBM GV
	ACCESSORIES, STEEL PLATE BEAM GUARD RAIL, GALV.	55106M				EA	ACCESSORIES SPBM GV
D	ACCESSORIES, STEEL PLATE BEAM GUARD RAIL, RUST RESISTANT	55112				EA	ACCESSORIES PBM RR
D	ACCESSORIES, STEEL PLATE BEAM GUARD RAIL, RUST RESISTANT	55112M				EA	ACCESSORIES PBM RR
D	ADDDITIVE, PAVEBOND AP	43420				GAL	ADDITIVE PAVEBOND AP
D	ADDDITIVE, PAVEBOND AP	43420M				LITER	ADDITIVE PAVEBOND AP
D	ADDITIVE AD-150	43454				GAL	ADDITIVE AD-150
D	ADDITIVE AD-150	43454M				LITER	ADDITIVE AD-150
D	ADDITIVE, ACAR 90058	43459				GAL	ADDITIVE ACAR 90058
D	ADDITIVE, ACRA 1000	43436				GAL	ADDITIVE ACRA 1000
D	ADDITIVE, ACRA 2000	43443				GAL	ADDITIVE ACRA 2000
D	ADDITIVE, ACRA 2000	43443M				LITER	ADDITIVE ACRA 2000

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, ACRA 400	43427				GAL	ADDITIVE ACRA 400
D	ADDITIVE, ACRA 4000	43458				GAL	ADDITIVE ACRA 4000
D	ADDITIVE, ACRA 4000	43458M				LITER	ADDITIVE ACRA 4000
	ADDITIVE, ACRA 500	43410				GAL	ADDITIVE ACRA 500
	ADDITIVE, ACRA 500	43410M				LITER	ADDITIVE ACRA 500
D	ADDITIVE, ACRA 5092	43467				GAL	ADDITIVE ACRA 5092
D	ADDITIVE, ACRA 5092	43467M				LITER	ADDITIVE ACRA 5092
D	ADDITIVE, ACRA 7000	43453				GAL	ADDITIVE ACRA 7000
D	ADDITIVE, ACRA 7000	43453M				LITER	ADDITIVE ACRA 7000
D	ADDITIVE, AD 141	43462				GAL	ADDITIVE AD 141
	ADDITIVE, AD-HERE CB	43444				GAL	ADDITIVE AD-HERE CB
	ADDITIVE, AD-HERE CB	43444M				LITER	ADDITIVE AD-HERE CB
D	ADDITIVE, AD-HERE HP	43445				GAL	ADDITIVE AD-HERE HP
	ADDITIVE, AD-HERE HP PLUS	43452				GAL	ADD ADHERE HP PLUS
	ADDITIVE, AD-HERE HP PLUS	43452M				LITER	ADD ADHERE HP PLUS
	ADDITIVE, AD-HERE LOF 65-00	43469				GAL	ADD ADHERE LOF6500
	ADDITIVE, AD-HERE LOF 65-00	43469M				LITER	ADD ADHERE LOF6500
	ADDITIVE, AD-HERE LOF 65-00 LS	43468				GAL	ADD ADHERE LOF6500LS
	ADDITIVE, AD-HERE LOF 65-00 LS	43468M				LITER	ADD ADHERE LOF6500LS
	ADDITIVE, AD-HERE 240	43504				GAL	ADD ADHERE 240
	ADDITIVE, AD-HERE 250	43493				GAL	ADD ADHERE 250
	ADDITIVE, AD-HERE 250	43493M				LITER	ADD ADHERE 250
	ADDITIVE, AD-HERE 65-50	43502				GAL	ADD ADHERE 6550
	ADDITIVE, AD-HERE 65-50	43502M				LITER	ADD ADHERE 6550

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ADDITIVE, AD-HERE 66-01 LS	43478				GAL	ADD ADHERE 6601LS
	ADDITIVE, AD-HERE 66-01 LS	43478M				LITER	ADD ADHERE 6601LS
	ADDITIVE, AD-HERE 77-00	43488				GAL	ADD AD-HERE 77-00
	ADDITIVE, AD-HERE 77-00	43488M				LITER	ADD AD-HERE 77-00
D	ADDITIVE, AGGRI-GRIP	43470				GAL	ADD AGGRI-GRIP
D	ADDITIVE, AGGRI-GRIP	43470M				LITER	ADD AGGRI-GRIP
D	ADDITIVE, AQUA-SHIELD TM AS4115	43441				GAL	ADDITIVE AS4115
D	ADDITIVE, AQUA-SHIELD TM AS4115	43441M				LITER	ADDITIVE AS4115
D	ADDITIVE, AQUASHIELD III	43449				GAL	ADDITIVE AQSLD III
D	ADDITIVE, AQUASHIELD III	43449M				LITER	ADDITIVE AQSLD III
D	ADDITIVE, AROSURF AA-123D	43473				GAL	ADD AROSURF AA-123D
D	ADDITIVE, AROSURF AA-123D	43473M				LITER	ADD AROSURF AA-123D
D	ADDITIVE, AROSURF AA-124	43474				GAL	ADD AROSURF AA-124
D	ADDITIVE, AROSURF AA-124	43474M				LITER	ADD AROSURF AA-124
D	ADDITIVE, ASPHALT, LATEX	43432				GAL	ADDITIVE ASPH LATEX
D	ADDITIVE, BA 2000	43439				GAL	ADDITIVE BA 2000
D	ADDITIVE, BA 2000	43439M				LITER	ADDITIVE BA 2000
	ADDITIVE, CELLULOSE FIBERS	43495				LB	ADD CELLULOSE FIBERS
	ADDITIVE, CELLULOSE FIBERS	43495M				KG	ADD CELLULOSE FIBERS
	ADDITIVE, CORSABOND 300	43491				GAL	ADD CORSABOND 300
	ADDITIVE, CORSABOND 300	43491M				LITER	ADD CORSABOND 300
D	ADDITIVE, CORSABOND 301	43492				GAL	ADD CORSABOND 301
D	ADDITIVE, CORSABOND 301	43492M				LITER	ADD CORSABOND 301
D	ADDITIVE, CROWN	43404				GAL	ADDITIVE CROWN

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, DRIFT CONTROL	43405				GAL	ADDITIVE DRIFT CONTR
D	ADDITIVE, ECOSAFE 2000	43475				GAL	ADD ECOSAFE 2000
D	ADDITIVE, ECOSAFE 2000	43475M				LITER	ADD ECOSAFE 2000
D	ADDITIVE, ECOSAFE 2090	43476				GAL	ADD ECOSAFE 2090
D	ADDITIVE, ECOSAFE 2090	43476M				LITER	ADD ECOSAFE 2090
D	ADDITIVE, ECOSAFE 2092	43480				GAL	ADD ECOSAFE 2092
D	ADDITIVE, EMERY 6860	43414				GAL	ADD. EMERY 6860
	ADDITIVE, EVOTHERM A1	43517				GAL	ADD EVOTHERM A1
	ADDITIVE, EVOTHERM A1	43517M				LITER	ADD EVOTHERM A1
	ADDITIVE, EVOTHERM J1	43518				GAL	ADD EVOTHERM J1
	ADDITIVE, EVOTHERM J1	43518M				LITER	ADD EVOTHERM J1
	ADDITIVE, EVOTHERM M1	43522				GAL	ADD EVOTHERM M1
	ADDITIVE, EVOTHERM M1	43522M				LITER	ADD EVOTHERM M1
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONC, CRETEFOAM CMX	43602				GAL	ADD FOAM CRTEFM CMX
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONC, CRETEFOAM CMX	43602M				LITER	ADD FOAM CRTEFM CMX
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, AERLITE	43603				GAL	ADD FOAM AERLITE
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, AERLITE	43603M				LITER	ADD FOAM AERLITE
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, ELASTIZEL JLE	43604				GAL	ADD FOAM JLE
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, ELASTIZEL JLE	43604M				LITER	ADD FOAM JLE
	ADDITIVE, HPM	43513				GAL	ADD HPM
	ADDITIVE, HPM PLUS	43514				GAL	ADD HPM PLUS
	ADDITIVE, HYPER 129-A	43494				GAL	ADD HYPER 129-A
	ADDITIVE, HYPER 129-A	43494M				LITER	ADD HYPER 129-A
D	ADDITIVE, HYPERSTICK 2000	43512				GAL	ADD HYPERSTICK 2000

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, INDULIN AS-SPECIAL	43431				GAL	ADDITIVE INDO AS-SPC
D	ADDITIVE, INDULIN AS-1	43440				TONS	ADDITIVE INDO AS-1
D	ADDITIVE, INVESTIGATIVE	43499	61			GAL	ADDITIVE INVEST
D	ADDITIVE, INVESTIGATIVE	43499M	61			LITER	ADDITIVE INVEST
D	ADDITIVE, KLING BETA X-22	43412				GAL	ADDITIVE KLG BETAX22
D	ADDITIVE, KLING BETA XP-251	43433				GAL	ADDITIVE KLBTA XP251
D	ADDITIVE, KLING BETA 1000-3	43424				GAL	ADDITIVE KLGB 1000-3
D	ADDITIVE, KLING BETA 200	43422				GAL	ADDITIVE KLG BETA200
D	ADDITIVE, KLING BETA 2550	43423				GAL	ADD KLG BETA 2550
D	ADDITIVE, KLING BETA 2550 (HM)	43450				GAL	ADD KLINGBETA 2550HM
	ADDITIVE, KLING BETA 2700	43466				GAL	ADD KLINGBETA 2700
	ADDITIVE, KLING BETA 2700	43466M				LITER	ADD KLINGBETA 2700
	ADDITIVE, KLING BETA 2912	43485				GAL	ADD KLING BETA 2912
	ADDITIVE, KLING BETA 2912	43485M				LITER	ADD KLING BETA 2912
	ADDITIVE, KLING BETA 2914	43509				GAL	ADD KLING BETA 2914
D	ADDITIVE, KLING BETA 500	43434				GAL	ADDITIVE KLGBETA 500
D	ADDITIVE, KLING BETA 510	43435				GAL	ADDITIVE KLGBETA 510
D	ADDITIVE, KLING REFINERY GRADE	43425				GAL	ADDITIVE KLG REF GR
	ADDITIVE, MINERAL FIBERS	43496				LB	ADD MINERAL FIBERS
	ADDITIVE, MINERAL FIBERS	43496M				KG	ADD MINERAL FIBERS
D	ADDITIVE, MOR-LIFE 3300	43482				GAL	ADD MORLIFE 3300
D	ADDITIVE, MOR-LIFE 3300	43482M				LITER	ADD MORLIFE 3300
D	ADDITIVE, MORLIFE 2200	43490				GAL	ADD MORLIFE 2200
D	ADDITIVE, MORLIFE 2200	43490M				LITER	ADD MORLIFE 2200

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, MORLIFE 300	43489				GAL	ADD MORLIFE 300
D	ADDITIVE, MORLIFE 300	43489M				LITER	ADD MORLIFE 300
	ADDITIVE, MORLIFE 3300	43477				GAL	ADD MORLIFE 3300
	ADDITIVE, MORLIFE 3300	43477M				LITER	ADD MORLIFE 3300
	ADDITIVE, MORLIFE 5000	43520				GAL	ADD MORLIFE 5000
	ADDITIVE, MORLIFE 5000	43520M				LITER	ADD MORLIFE 5000
D	ADDITIVE, NOSTRIP SUPER CONCENTRATE	43411				GAL	ADDITIVE NOSTRIP SUP
D	ADDITIVE, OS#81406F	43455				GAL	ADDITIVE OS#81406F
D	ADDITIVE, PAVE BOND	43407				GAL	ADDITIVE PAVE BOND
D	ADDITIVE, PAVE BOND AP SPECIAL	43421				GAL	ADDITIVE PAVBONDAPSP
D	ADDITIVE, PAVE BOND AP SPECIAL	43421M				LITER	ADDITIVE PAVBONDAPSP
	ADDITIVE, PAVE BOND LITE	43451				GAL	ADDITIVE PAVBONDLITE
	ADDITIVE, PAVE BOND LITE	43451M				LITER	ADDITIVE PAVBONDLITE
D	ADDITIVE, PAVE BOND LP	43418				GAL	ADDITIVE PAVEBOND LP
D	ADDITIVE, PAVE BOND LP	43418M				LITER	ADDITIVE PAVEBOND LP
D	ADDITIVE, PAVE BOND SPECIAL	43419				GAL	ADDITIVE PAVEBOND SP
D	ADDITIVE, PAVE BOND SPECIAL	43419M				LITER	ADDITIVE PAVEBOND SP
D	ADDITIVE, PAVE BOND T-LITE	43481				GAL	ADD PV BND T LITE
D	ADDITIVE, PAVE BOND T-LITE	43481M				LITER	ADD PV BND T LITE
D	ADDITIVE, PAVE BOND 192	43417				GAL	ADDITIVE PAVEBOND192
	ADDITIVE, PAVE 192	43403				GAL	ADDITIVE PAVE 192
	ADDITIVE, PAVE 192	43403M				LITER	ADDITIVE PAVE 192
D	ADDITIVE, PAVEGRIP CM	43508				GAL	ADD PAVEGRIP CM
D	ADDITIVE, PAVEGRIP 200	43505				GAL	ADD PAVEGRIP 200

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ADDITIVE, PAVEGRIP 250	43511				GAL	ADD PAVEGRIP 250
D	ADDITIVE, PAVEGRIP 350	43507				GAL	ADD PAVEGRIP 350
D	ADDITIVE, PAVEGRIP 400	43506				GAL	ADD PAVEGRIP 400
	ADDITIVE, PAVEGRIP 519	43521				GAL	ADD PAVEGRIP 519
	ADDITIVE, PAVEGRIP 519	43521M				LITER	ADD PAVEGRIP 519
	ADDITIVE, PAVEGRIP 529	43524				GAL	ADD PAVEGRIP 529
	ADDITIVE, PAVEGRIP 529	43524M				LITER	ADD PAVEGRIP 529
	ADDITIVE, PAVEGRIP 550	43516				GAL	ADD PAVEGRIP 550
	ADDITIVE, PERMA-TAC PLUS	43479				GAL	ADD PERMA-TAC PLUS
	ADDITIVE, PERMA-TAC PLUS	43479M				LITER	ADD PERMA-TAC PLUS
	ADDITIVE, POLYPROPYLENE FIBERS	43519				LB	ADD POLYPROP FIBER
	ADDITIVE, POLYPROPYLENE FIBERS	43519M				KG	ADD POLYPROP FIBER
D	ADDITIVE, QPR 2000	43486M				LITER	ADD QPR 2000
D	ADDITIVE, RECOPAVE	43416				GAL	ADDITIVE RECOPAVE
D	ADDITIVE, REDICOTE N 422	43438				GAL	ADDITIVE RDICOTEN422
D	ADDITIVE, REDICOTE 80-S	43408				GAL	ADDITIVE RDICOTE 80S
D	ADDITIVE, REDICOTE 81-S	43409				GAL	ADDITIVE RDICOTE 81S
	ADDITIVE, REDICOTE 82-S	43413				GAL	ADD. REDICOTE 82-S
	ADDITIVE, REDICOTE 82-S	43413M				LITER	ADD. REDICOTE 82-S
	ADDITIVE, REDICOTE 90-S	43446				GAL	ADDITIVE RDICOTE90S
	ADDITIVE, REDICOTE 90-S	43446M				LITER	ADDITIVE RDICOTE90S
D	ADDITIVE, REDICOTE 91-S	43447				GAL	ADDITIVE RDICOTE91S
D	ADDITIVE, REDICOTE 91-S	43447M				LITER	ADDITIVE RDICOTE91S
D	ADDITIVE, REDICOTE 95-S	43461				GAL	ADDITIVE REDICOTE95S

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, REDICOTE 95-S	43461M				LITER	ADDITIVE REDICOTE95S
D	ADDITIVE, RODE-RITE	43402				GAL	ADDITIVE RODE-RITE
D	ADDITIVE, ROSPHALT 50	43442				LB	ADDITIVE ROSPHALT 50
	ADDITIVE, RUBBER, POUNDS	43497				LB	ADDITIVE RUBBER LB
	ADDITIVE, RUBBER, POUNDS	43497M				KG	ADDITIVE RUBBER LB
	ADDITIVE, RUBBER, TONS	43498				TONS	ADDITIVE RUBBER TONS
	ADDITIVE, RUBBER, TONS	43498M				M TON	ADDITIVE RUBBER TONS
D	ADDITIVE, SUPER CONCENTRATE AT50	43426				GAL	ADDITIVE SCAT 50
	ADDITIVE, SUPER CONCENTRATE 901	43428				GAL	ADDITIVE SC901
	ADDITIVE, SUPER CONCENTRATE 901	43428M				LITER	ADDITIVE SC901
D	ADDITIVE, SYLVAX UPM	43406				GAL	ADDITIVE SYLVAX UPM
	ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, NON-STRUCTURAL	43523				LB	ADD SYN FIB CON NONS
	ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, NON-STRUCTURAL	43523M				KG	ADD SYN FIB CON NONS
	ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, STRUCTURAL	43515				LB	ADD SYN FIB CON STRU
	ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, STRUCTURAL	43515M				KG	ADD SYN FIB CONC TY3
D	ADDITIVE, TAA-3700	43437				GAL	ADDITIVE TAA3700
D	ADDITIVE, TECHNI-HIB 7175	43429				GAL	ADDITIVE TECHIB 7175
D	ADDITIVE, TECHNI-HIB 7176	43430				GAL	ADDITIVE TECHIB 7176
D	ADDITIVE, TIZE	43401				GAL	ADDITIVE TIZE
D	ADDITIVE, TOMAH 101-25-B	43448				GAL	ADDITIVE 101-25-B
D	ADDITIVE, TOMAH 101-25-B	43448M				LITER	ADDITIVE 101-25-B
D	ADDITIVE, TOPIABLE	43415				GAL	ADDITIVE TOPIABLE
D	ADDITIVE, UNICHEM 8161	43456				GAL	ADD UNICHEM 8161
D	ADDITIVE, UNICHEM 8161	43456M				LITER	ADD UNICHEM 8161

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ADDITIVE, UNICHEM 8162	43457				GAL	ADD UNICHEM 8162
	ADDITIVE, UNICHEM 8162	43457M				LITER	ADD UNICHEM 8162
	ADDITIVE, UNICHEM 8163	43503				GAL	ADD UNICHEM 8163
	ADDITIVE, UNICHEM 8163	43503M				LITER	ADD UNICHEM 8163
	ADDITIVE, VISURF 129-A	43487				GAL	ADD VISURF 129-A
	ADDITIVE, VISURF 129-A	43487M				LITER	ADD VISURF 129-A
D	ADDITIVE, WETFIX C	43460				GAL	ADDITIVE WETFIX C
D	ADDITIVE, WETFIX C	43460M				LITER	ADDITIVE WETFIX C
D	ADDITIVE, WETFIX 100	43463				GAL	ADDITIVE WETFIX 100
D	ADDITIVE, WETFIX 100	43463M				LITER	ADDITIVE WETFIX 100
D	ADDITIVE, WETFIX 200	43464				GAL	ADDITIVE WETFIX 200
D	ADDITIVE, WETFIX 200	43464M				LITER	ADDITIVE WETFIX 200
D	ADDITIVE, WETFIX 300	43465				GAL	ADDITIVE WETFIX 300
D	ADDITIVE, WETFIX 300	43465M				LITER	ADDITIVE WETFIX 300
D	ADDITIVE, WETFIX 300-N	43472				GAL	ADDITIVE WETFIX 300N
D	ADDITIVE, WETFIX 300-N	43472M				LITER	ADDITIVE WETFIX 300N
	ADDITIVE, WETFIX 312	43510				GAL	ADD WETFIX 312
D	ADDITIVE, WETFIX 350	43471				GAL	ADDITIVE WETFIX 350
D	ADDITIVE, WETFIX 350	43471M				LITER	ADDITIVE WETFIX 350
D	ADDITIVE, WETFIX 400	43484M				LITER	ADDITIVE WETFIX 400
D	ADHESIVE, BONDING, MEM-BUT-RUBBER	38905				GAL	ADHESIVE BONDING MBR
D	ADHESIVE, BONDING, MEM-BUT-RUBBER	38905M				LITER	ADHESIVE BONDING MBR
D	AIR ENTRAINING ADMIXTURES, UNIPLAST AE-200	42133				GAL	AIREN AD UNIPLAST200
D	AIR ENTRAINING ADMIXTURES, UNIPLAST AE-200	42133M				LITER	AIREN AD UNIPLAST200

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	AIR-ENTRAINING ADMIXTURE, EUCON AEA 92	42153				GAL	AIREN AD UCON AEA92
D	AIR-ENTRAINING ADMIXTURES, A.E.R.	42114M				LITER	AIREN AD
D	AIR-ENTRAINING ADMIXTURES, A.E.R. AER	42114				GAL	AIREN AD AER
D	AIR-ENTRAINING ADMIXTURES, AD-AIRE	42116				GAL	AIREN AD ADA
D	AIR-ENTRAINING ADMIXTURES, AD-AIRE	42116M				LITER	AIREN AD ADA
D	AIR-ENTRAINING ADMIXTURES, AIR MIX 200	42146				GAL	AIREN AD AIRMIX 200
D	AIR-ENTRAINING ADMIXTURES, AIR MIX 200	42146M				GAL	AIREN AD AIRMIX 200
D	AIR-ENTRAINING ADMIXTURES, AIR TITE	42122				GAL	AIREN AD AIR TITE
D	AIR-ENTRAINING ADMIXTURES, AIR-X	42120				GAL	AIREN AD AIR-X
	AIR-ENTRAINING ADMIXTURES, AIRALON 3000	42194				GAL	AIREN AD AIRALON3000
	AIR-ENTRAINING ADMIXTURES, AIRALON 3000	42194M				LITER	AIREN AD AIRALON3000
D	AIR-ENTRAINING ADMIXTURES, AIRALON-20	42127				GAL	AIREN AD AIRALON-20
D	AIR-ENTRAINING ADMIXTURES, AIRALON-20	42127M				LITER	AIREN AD AIRALON-20
D	AIR-ENTRAINING ADMIXTURES, AIRECON	42125				GAL	AIREN AD AIRECON
D	AIR-ENTRAINING ADMIXTURES, AIREX "L"	42128				GAL	AIREN AD AIREX "L"
D	AIR-ENTRAINING ADMIXTURES, AIREX-L	42168				GAL	AIREN AD AIREX-L
D	AIR-ENTRAINING ADMIXTURES, AIREX-L	42168M				LITER	AIREN AD AIREX-L
D	AIR-ENTRAINING ADMIXTURES, AIREXTRA	42167				GAL	AIREN AD AIREXTRA
D	AIR-ENTRAINING ADMIXTURES, AIREXTRA	42167M				LITER	AIREN AD AIREXTRA
D	AIR-ENTRAINING ADMIXTURES, AMEX 210	42123				GAL	AIREN AD AIR AMEX210
D	AIR-ENTRAINING ADMIXTURES, AMEX,VR AEA	42102				GAL	AIREN AD VR AEA
D	AIR-ENTRAINING ADMIXTURES, CASTLE AIR CAS	42103				GAL	AIREN AD CAS
D	AIR-ENTRAINING ADMIXTURES, CASTLE VR CVR	42104				GAL	AIREN AD VR CVR
D	AIR-ENTRAINING ADMIXTURES, CATEXOL A.E. 260	42134				GAL	AIREN AD CATEXOL 260

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AIR-ENTRAINING ADMIXTURES, CATEXOL A.E. 260	42134M				LITER	AIREN AD CATEXOL 260
D	AIR-ENTRAINING ADMIXTURES, CATEXOL AE360	42163				GAL	AIREN AD CATEXOL 360
D	AIR-ENTRAINING ADMIXTURES, CATEXOL AE360	42163M				LITER	AIREN AD CATEXOL 360
D	AIR-ENTRAINING ADMIXTURES, CATEXOL VR	42136				GAL	AIREN AD CATEXOL VR
D	AIR-ENTRAINING ADMIXTURES, CATEXOL VR	42136M				LITER	AIREN AD CATEXOL VR
D	AIR-ENTRAINING ADMIXTURES, CATEXOL VR CONCENTRATE	42183				GAL	AIREN AD CTXL VR CON
D	AIR-ENTRAINING ADMIXTURES, CATEXOL VR CONCENTRATE	42183M				LITER	AIREN AD CTXL VR CON
D	AIR-ENTRAINING ADMIXTURES, CHRYSO AIR TX	42178				GAL	AIREN AD CHRYSO TX
D	AIR-ENTRAINING ADMIXTURES, CHRYSO AIR TX	42178M				LITER	AIREN AD CHRYSO TX
	AIR-ENTRAINING ADMIXTURES, CHRYSO AIR 260	42177				GAL	AIREN AD CHRYSO 260
	AIR-ENTRAINING ADMIXTURES, CHRYSO AIR 260	42177M				LITER	AIREN AD CHRYSO 260
	AIR-ENTRAINING ADMIXTURES, CONAIR	42172				GAL	AIREN AD CONAIR
	AIR-ENTRAINING ADMIXTURES, CONAIR	42172M				LITER	AIREN AD CONAIR
D	AIR-ENTRAINING ADMIXTURES, CONAIR 260	42173				GAL	AIREN AD CONAIR 260
D	AIR-ENTRAINING ADMIXTURES, CONAIR 260	42173M				LITER	AIREN AD CONAIR 260
D	AIR-ENTRAINING ADMIXTURES, CONCHEM AES REGULAR	42137				GAL	AIREN AD CNCM AESREG
D	AIR-ENTRAINING ADMIXTURES, CONCHEM AES REGULAR	42137M				LITER	AIREN AD CNCM AESREG
D	AIR-ENTRAINING ADMIXTURES, CONCHEM AIR	42148				GAL	AIREN AD CONCHEM AIR
D	AIR-ENTRAINING ADMIXTURES, CONCHEM AIR	42148M				LITER	AIREN AD CONCHEM AIR
	AIR-ENTRAINING ADMIXTURES, DARAFILL, CLSM ONLY	42145				GAL	AIREN AD DARAFILL
	AIR-ENTRAINING ADMIXTURES, DARAFILL, CLSM ONLY	42145M				LITER	AIREN AD DARAFILL
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR	42107				GAL	AIREN AD DARAVAIR
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR	42107M				LITER	AIREN AD DARAVAIR
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR AT60	42161				GAL	AIREN AD DRAVR AT60

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR M	42160				GAL	AIREN AD DRAVR M
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR 1000	42141				GAL	AIREN AD DRAVR 1000
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR 1000	42141M				LITER	AIREN AD DRAVR 1000
	AIR-ENTRAINING ADMIXTURES, DARAVAIR 1400	42147				GAL	AIREN AD DRAVR 1400
	AIR-ENTRAINING ADMIXTURES, DARAVAIR 1400	42147M				LITER	AIREN AD DRAVR 1400
D	AIR-ENTRAINING ADMIXTURES, DAREX	42106				GAL	AIREN AD DAREX
D	AIR-ENTRAINING ADMIXTURES, DAREX	42106M				LITER	AIREN AD DAREX
D	AIR-ENTRAINING ADMIXTURES, DAREX EH	42159				GAL	AIREN AD DAREX EH
	AIR-ENTRAINING ADMIXTURES, DAREX II	42138				GAL	AIREN AD DAREX II
	AIR-ENTRAINING ADMIXTURES, DAREX II	42138M				LITER	AIREN AD DAREX II
	AIR-ENTRAINING ADMIXTURES, DAVAVAIR AT30	42189				GAL	AIREN AD DRAVR AT30
	AIR-ENTRAINING ADMIXTURES, DAVAVAIR AT30	42189M				LITER	AIREN AD DRAVR AT30
D	AIR-ENTRAINING ADMIXTURES, DRI-CRETE CRT	42101				GAL	AIREN AD CRT
D	AIR-ENTRAINING ADMIXTURES, EQUAL AIR	42119				GAL	AIREN AD EQL
D	AIR-ENTRAINING ADMIXTURES, EQUAL AIR	42135				GAL	AIREN AD EQL
D	AIR-ENTRAINING ADMIXTURES, EQUAL AIR	42135M				LITER	AIREN AD EQL
	AIR-ENTRAINING ADMIXTURES, EUCLID EUCON EASY FILL, CLSM ONLY	42187				GAL	AIREN AD EUCON EZFIL
	AIR-ENTRAINING ADMIXTURES, EUCLID EUCON EASY FILL, CLSM ONLY	42187M				LITER	AIREN AD EUCON EZFIL
D	AIR-ENTRAINING ADMIXTURES, EUCO AIR MIX	42109M				LITER	AIREN AD
D	AIR-ENTRAINING ADMIXTURES, EUCO AIR MIX UCO	42109				GAL	AIREN AD UCO
	AIR-ENTRAINING ADMIXTURES, EUCON AEA 92	42153M				LITER	AIREN AD UCON AEA92
	AIR-ENTRAINING ADMIXTURES, EUCON AEA 92S	42193				GAL	AIREN AD UCON AEA92S
	AIR-ENTRAINING ADMIXTURES, EUCON AEA 92S	42193M				LITER	AIREN AD UCON AEA92S
D	AIR-ENTRAINING ADMIXTURES, EUCON AIR MAC 12	42188				GAL	AIREN AD AIRMAC12

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AIR-ENTRAINING ADMIXTURES, EUCON AIR MAC 12	42188M				LITER	AIREN AD AIRMAC12
D	AIR-ENTRAINING ADMIXTURES, EUCON AIRMIX 250	42155				GAL	AIREN AD UCON AMX250
D	AIR-ENTRAINING ADMIXTURES, EUCON AIRMIX 250	42155M				LITER	AIREN AD UCON AMX250
D	AIR-ENTRAINING ADMIXTURES, EVER-AIR	42132				GAL	AIREN AD EVER-AIR
D	AIR-ENTRAINING ADMIXTURES, EXCEL AE 50	42149				GAL	AIREN AD EXCEL AE 50
D	AIR-ENTRAINING ADMIXTURES, EXCEL AE 50	42149M				LITER	AIREN AD EXCEL AE 50
D	AIR-ENTRAINING ADMIXTURES, EXCEL AIR	42131				GAL	AIREN AD EXCEL AIR
D	AIR-ENTRAINING ADMIXTURES, EXCEL AIR	42131M				LITER	AIREN AD EXCEL AIR
D	AIR-ENTRAINING ADMIXTURES, FLEX-AIRE FLX	42108				GAL	AIREN AD FLX
	AIR-ENTRAINING ADMIXTURES, MASTERAIR AE 200	42129				GAL	AIREN AD MASTRAIR200
	AIR-ENTRAINING ADMIXTURES, MASTERAIR AE 200	42129M				LITER	AIREN AD MASTRAIR200
	AIR-ENTRAINING ADMIXTURES, MASTERAIR AE 400	42182				GAL	AIREN AD MASTRAIR400
	AIR-ENTRAINING ADMIXTURES, MASTERAIR AE 400	42182M				LITER	AIREN AD MASTRAIR400
	AIR-ENTRAINING ADMIXTURES, MASTERAIR AE 90	42140				GAL	AIREN AD MASTRAIR 90
	AIR-ENTRAINING ADMIXTURES, MASTERAIR AE 90	42140M				LITER	AIREN AD MASTRAIR 90
	AIR-ENTRAINING ADMIXTURES, MASTERAIR VR 10	42110				GAL	AIREN AD MASTRAIR 10
	AIR-ENTRAINING ADMIXTURES, MASTERAIR VR 10	42110M				LITER	AIREN AD MASTRAIR 10
D	AIR-ENTRAINING ADMIXTURES, MASTERAIR VR 20	42139				GAL	AIREN AD MASTRAIR 20
D	AIR-ENTRAINING ADMIXTURES, MASTERAIR VR 20	42139M				LITER	AIREN AD MASTRAIR 20
	AIR-ENTRAINING ADMIXTURES, MASTERCELL 25, CLSM ONLY	42192				LB	AIREN AD MASTRCELL25
	AIR-ENTRAINING ADMIXTURES, MASTERCELL 25, CLSM ONLY	42192M				KG	AIREN AD MASTRCELL25
D	AIR-ENTRAINING ADMIXTURES, MATRIX	42158				GAL	AIREN AD MATRIX
D	AIR-ENTRAINING ADMIXTURES, MATRIX	42158M				LITER	AIREN AD MATRIX
D	AIR-ENTRAINING ADMIXTURES, MATRIX 260	42162				GAL	AIREN AD MATRIX 260

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AIR-ENTRAINING ADMIXTURES, MB-AE-10	42117				GAL	AIREN AD MBAE 10
D	AIR-ENTRAINING ADMIXTURES, MBAE 90	42143				GAL	AIREN AD MBAE 90
D	AIR-ENTRAINING ADMIXTURES, MCVR CIN	42112				GAL	AIREN AD MCVR CIN
D	AIR-ENTRAINING ADMIXTURES, MIRACON 2315	42176				GAL	AIREN AD MIRACN 2315
D	AIR-ENTRAINING ADMIXTURES, MIRACON 2315	42176M				LITER	AIREN AD MIRACN 2315
D	AIR-ENTRAINING ADMIXTURES, PAVE-AIR 90	42179				GAL	AIREN AD PAVEAIR 90
D	AIR-ENTRAINING ADMIXTURES, PAVE-AIR 90	42179M				LITER	AIREN AD PAVEAIR 90
	AIR-ENTRAINING ADMIXTURES, POLYCHEM AE	42151				GAL	AIREN AD PLYCHEM AE
	AIR-ENTRAINING ADMIXTURES, POLYCHEM AE	42151M				LITER	AIREN AD PLYCHEM AE
	AIR-ENTRAINING ADMIXTURES, POLYCHEM SA	42165				GAL	AIREN AD POLYCHEM SA
	AIR-ENTRAINING ADMIXTURES, POLYCHEM SA	42165M				LITER	AIREN AD POLYCHEM SA
	AIR-ENTRAINING ADMIXTURES, POLYCHEM SA-50	42181				GAL	AIREN AD PLYCHM SA50
	AIR-ENTRAINING ADMIXTURES, POLYCHEM SA-50	42181M				LITER	AIREN AD PLYCHM SA50
D	AIR-ENTRAINING ADMIXTURES, POLYCHEM VR	42150				GAL	AIREN AD POLYCHEM VR
D	AIR-ENTRAINING ADMIXTURES, POLYCHEM VR	42150M				LITER	AIREN AD POLYCHEM VR
	AIR-ENTRAINING ADMIXTURES, POLYCHEM VRC	42156				GAL	AIREN AD POLYCHM VRC
	AIR-ENTRAINING ADMIXTURES, POLYCHEM VRC	42156M				LITER	AIREN AD POLYCHM VRC
D	AIR-ENTRAINING ADMIXTURES, PRO-AIR	42118				GAL	AIREN AD PRO
D	AIR-ENTRAINING ADMIXTURES, PROAIR TX	42166				GAL	AIREN AD PROAIR TX
D	AIR-ENTRAINING ADMIXTURES, PROAIR TX	42166M				LITER	AIREN AD PROAIR TX
D	AIR-ENTRAINING ADMIXTURES, PROAIR 260 AEA	42171				GAL	AIREN AD PROAIR 260
D	AIR-ENTRAINING ADMIXTURES, PROAIR 260 AEA	42171M				LITER	AIREN AD PROAIR 260
D	AIR-ENTRAINING ADMIXTURES, PROTEX REGULAR PTX	42113				GAL	AIREN AD PTX
D	AIR-ENTRAINING ADMIXTURES, RHEOCELL RHEOFILL, CLSM ONLY	42152				GAL	AIREN AD RHEOFILL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AIR-ENTRAINING ADMIXTURES, RHEOCELL RHEOFILL, CLSM ONLY	42152M				LITER	AIREN AD RHEOFILL
	AIR-ENTRAINING ADMIXTURES, RSA-10, +CLSM	42144				GAL	AIREN AD RSA 10
	AIR-ENTRAINING ADMIXTURES, RSA-10, +CLSM	42144M				LITER	AIREN AD RSA 10
D	AIR-ENTRAINING ADMIXTURES, RUMOC AEA	42121				GAL	AIREN AD RUMOC
D	AIR-ENTRAINING ADMIXTURES, RUMOC-AIRE	42124				GAL	AIREN AD RUMOC-AIRE
D	AIR-ENTRAINING ADMIXTURES, RUSS-FLO, CLSM ONLY	42175				GAL	AIREN AD RUSS-FLO
D	AIR-ENTRAINING ADMIXTURES, RUSS-FLO, CLSM ONLY	42175M				LITER	AIREN AD RUSS-FLO
	AIR-ENTRAINING ADMIXTURES, RUSS-FLO, CLSM ONLY	42191				LB	AIREN AD RUSS-FLO
	AIR-ENTRAINING ADMIXTURES, RUSS-FLO, CLSM ONLY	42191M				KG	AIREN AD RUSS-FLO
D	AIR-ENTRAINING ADMIXTURES, RVR-15	42130				GAL	AIREN AD RVR-15
D	AIR-ENTRAINING ADMIXTURES, RVR-15	42130M				LITER	AIREN AD RVR-15
D	AIR-ENTRAINING ADMIXTURES, SEAL TIGHT	42111M				LITER	AIREN AD
D	AIR-ENTRAINING ADMIXTURES, SEAL TIGHT TIT	42111				GAL	AIREN AD TIT
D	AIR-ENTRAINING ADMIXTURES, SEPTAIR SEP	42105				GAL	AIREN AD SEP
	AIR-ENTRAINING ADMIXTURES, SIKA AEA 14	42164				GAL	AIREN AD SIKA AEA 14
	AIR-ENTRAINING ADMIXTURES, SIKA AEA 14	42164M				LITER	AIREN AD SIKA AEA 14
D	AIR-ENTRAINING ADMIXTURES, SIKA AEA 15	42142				GAL	AIREN AD SIKA AEA15
D	AIR-ENTRAINING ADMIXTURES, SIKA AEA 15	42142M				LITER	AIREN AD SIKA AEA15
D	AIR-ENTRAINING ADMIXTURES, SIKA AER-C	42186				GAL	AIREN AD SIKA AER-C
D	AIR-ENTRAINING ADMIXTURES, SIKA AER-C	42186M				LITER	AIREN AD SIKA AER-C
D	AIR-ENTRAINING ADMIXTURES, SIKA AIR	42157				GAL	AIREN AD SIKA AIR
D	AIR-ENTRAINING ADMIXTURES, SIKA AIR	42157M				LITER	AIREN AD SIKA AIR
	AIR-ENTRAINING ADMIXTURES, SIKA AIR 260	42184				GAL	AIREN AD SIKAAIR 260
	AIR-ENTRAINING ADMIXTURES, SIKA AIR 260	42184M				LITER	AIREN AD SIKAAIR 260

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	AIR-ENTRAINING ADMIXTURES, SIKA AIR 360	42185				GAL	AIREN AD SIKAAIR 360
	AIR-ENTRAINING ADMIXTURES, SIKA AIR 360	42185M				LITER	AIREN AD SIKAAIR 360
D	AIR-ENTRAINING ADMIXTURES, SIKA LIGHTCRETE POWDER, CLSM ONLY	42174				GAL	AIREN AD SIKA LITCRT
D	AIR-ENTRAINING ADMIXTURES, SIKA LIGHTCRETE POWDER, CLSM ONLY	42174M				LITER	AIREN AD SIKA LITCRT
	AIR-ENTRAINING ADMIXTURES, SIKA LIGHTCRETE POWDER, CLSM ONLY	42190				LB	AIREN AD SIKA LITCRT
	AIR-ENTRAINING ADMIXTURES, SIKA LIGHTCRETE POWDER, CLSM ONLY	42190M				KG	AIREN AD SIKA LITCRT
D	AIR-ENTRAINING ADMIXTURES, SIKA MULTI AIR	42170				GAL	AIREN AD MULTI AIR
D	AIR-ENTRAINING ADMIXTURES, SIKA MULTI AIR	42170M				LITER	AIREN AD MULTI AIR
	AIR-ENTRAINING ADMIXTURES, SIKA MULTI AIR 25	42180				GAL	AIREN AD MULTIAIR 25
	AIR-ENTRAINING ADMIXTURES, SIKA MULTI AIR 25	42180M				LITER	AIREN AD MULTIAIR 25
D	AIR-ENTRAINING ADMIXTURES, SOLAIR (SINGLE STRENGTH) SOL	42115				GAL	AIREN AD SOL
D	AIR-ENTRAINING ADMIXTURES, SPECCO A-12	42154				GAL	AIREN AD SPECCO A-12
D	AIR-ENTRAINING ADMIXTURES, SPECCO A-12	42154M				LITER	AIREN AD SPECCO A-12
	AIR-ENTRAINING ADMIXTURES, TERAPAVE AEA	42169				GAL	AIREN AD TERAPV AEA
	AIR-ENTRAINING ADMIXTURES, TERAPAVE AEA	42169M				LITER	AIREN AD TERAPV AEA
D	AIR-ENTRAINING ADMIXTURES, UNIPLAST AE 100	42126M				LITER	AIREN AD UNI AE100
D	AIR-ENTRAINING ADMIXTURES, UNIPLAST 100 AE	42126				GAL	AIREN AD UNI100AE
D	AMMONIACAL COPPER ARSENITE (ACA)	42803				GAL	AMMONIACAL CU ARS
D	ANCHOR DEVICE, RAILING, ALUM.	54304				EA	ANCHOR DEVICE ALUM
D	ANCHOR DEVICE, RAILING, ALUM.	54304M				EA	ANCHOR DEVICE ALUM
	ANCHOR DEVICE, RAILING, TYPE T (BOTTOM)	54303				EA	ANCHOR DEVICE TYTBT
	ANCHOR DEVICE, RAILING, TYPE T (BOTTOM)	54303M				EA	ANCHOR DEVICE TYTBT
	ANCHOR DEVICE, RAILING, TYPE T (TOP)	54302				EA	ANCHOR DEVICE TYTTP
	ANCHOR DEVICE, RAILING, TYPE T (TOP)	54302M				EA	ANCHOR DEVICE TYTTP

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ANCHOR DEVICE, RAILING, TYPES N&S	54301				EA	ANCHOR DEVICE TYN&S
	ANCHOR DEVICE, RAILING, TYPES N&S	54301M				EA	ANCHOR DEVICE TYN&S
	ANCHOR, EXPANSION FOR ANCHOR BOLTS	68008	14	12		PC	AN EXP AN BOLT
	ANCHOR, EXPANSION FOR ANCHOR BOLTS	68008M	14	12		EA	AN EXP AN BOLT
D	ANCHOR, EXPANSION FOR ANCHOR BOLTS, SELF DRILLING	68009	14	12		PC	AN EXP AN BOLT SD
D	ANCHOR, EXPANSION FOR ANCHOR BOLTS, SELF DRILLING	68009M	14	12		EA	AN EXP AN BOLT SD
D	ANCHOR, HELIX, GUY WIRE	31607				EA	ANCHOR HELX GUY WIRE
D	ANCHOR, HELIX, GUY WIRE	31607M				EA	ANCHOR HELX GUY WIRE
D	ANTI-FREEZE, PERMANENT TYPE	80101				GAL	ANTI-FREEZE PMTTY
D	ANTI-SKIN AGENT	41103				GAL	ANTI-SKIN AGENT
D	ANTI-STRIPPING AGENT	43301				GAL	ANTI STRIPPING AGENT
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-II	48302	26			LINFT	ARCH A-II RECONC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-II	48302M	26			METER	ARCH A-II RECONC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-III	48303	26			LINFT	ARCH A-III RECONC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-III	48303M	26			METER	ARCH A-III RECONC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-IV	48304	26			LINFT	ARCH A-IV RECONC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-IV	48304M	26			METER	ARCH A-IV RECONC
D	ARCH GALV. PLATE CORRUGATED STEEL (NO BOTTOM)	46104	22	16		LINFT	ARCH GALV PT CORRST
D	ARCH GALV. PLATE CORRUGATED STEEL (NO BOTTOM)	46104M	22	16		METER	ARCH GALV PT CORRST
D	ARMOR ANGLE	65408	52	16	12	EA	ARMOR ANGLE
D	ARMOR ANGLE	65408M	52	16	12	EA	ARMOR ANGLE
D	ARMOR PLATE	65411	16	12X13		EA	ARMOR PLATE
D	ARMOR PLATE	65411M	16	12X13		EA	ARMOR PLATE
	ARRESTOR, LIGHTNING (AERO)	33714				EA	ARREST LIGHTNING

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ARRESTOR, LIGHTNING (AERO)	33714M				EA	ARREST LIGHTNING
D	ASBESTOS, CHRYSOTILE	70101				TONS	ASBESTOS CHRYSOTILE
D	ASPHALT ASBESTOS MIX SYSTEM III	38904				TONS	ASP-ASB MIX SYIII
	ASPHALT BINDER, PERFORMANCE GRADED, PG 46-28	10121				TONS	AC PG 46-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 46-28	10121M				M TON	AC PG 46-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 46-34	10122				TONS	AC PG 46-34
	ASPHALT BINDER, PERFORMANCE GRADED, PG 46-34	10122M				M TON	AC PG 46-34
	ASPHALT BINDER, PERFORMANCE GRADED, PG 52-28	10124				TONS	AC PG 52-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 52-28	10124M				M TON	AC PG 52-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 52-34	10136				TONS	AC PG 52-34
	ASPHALT BINDER, PERFORMANCE GRADED, PG 52-34	10136M				M TON	AC PG 52-34
	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-22	10125				TONS	AC PG 58-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-22	10125M				M TON	AC PG 58-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-28	10126				TONS	AC PG 58-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-28	10126M				M TON	AC PG 58-28
D	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-34	10137				TONS	AC PG 58-34
D	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-34	10137M				M TON	AC PG 58-34
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-22	10127				TONS	AC PG 64-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-22	10127M				M TON	AC PG 64-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-28	10133				TONS	AC PG 64-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-28	10133M				M TON	AC PC 64-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-28 MODIFIED	10128				TONS	AC PG 64-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-28 MODIFIED	10128M				M TON	AC PG 64-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-34 MODIFIED	10138				TONS	AC PG 64-34 MOD

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-22	10134				TONS	AC PG 70-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-22	10134M				M TON	AC PG 70-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-22 MODIFIED	10129				TONS	AC PG 70-22 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-22 MODIFIED	10129M				M TON	AC PG 70-22 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-28 MODIFIED	10130				TONS	AC PG 70-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-28 MODIFIED	10130M				M TON	AC PG 70-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 76-22 MODIFIED	10131				TONS	AC PG 76-22 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 76-22 MODIFIED	10131M				M TON	AC PG 76-22 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 76-28 MODIFIED	10132				TONS	AC PG 76-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 76-28 MODIFIED	10132M				M TON	AC PG 76-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 88-28 MODIFIED, (FLS)	10139				TONS	AC PG 88-28 MOD FLS
	ASPHALT BINDER, PG 58-28, GROUND TIRE RUBBER 12%	10140				TONS	AB 58-28 GTR 12
	ASPHALT BINDER, PG 64-28, GROUND TIRE RUBBER 12%	10141				TONS	AB 64-28 GTR 12
	ASPHALT BINDER, 64-22, GROUND TIRE RUBBER 10%	10135				TONS	AB 64-22 GTR 10
	ASPHALT BINDER, 64-22, GROUND TIRE RUBBER 10%	10135M				M TON	AB 64-22 GTR 10
D	ASPHALT CEMENT, AC 10, POLYMER MODIFIED	10197M				M TON	AC 10 POLY MOD
D	ASPHALT CEMENT, AC 20, POLYMER MODIFIED	10198M				M TON	AC 20 POLY MOD
D	ASPHALT CEMENT, AC10 POLYMER MODIFIED HD	10195M				M TON	AC 10 POLYMOD HD
D	ASPHALT CEMENT, AC20 POLYMER MODIFIED HD	10196M				M TON	AC 20 POLYMOD HD
D	ASPHALT CEMENT, GRADE AC 10	10111				TONS	AC GR 10
D	ASPHALT CEMENT, GRADE AC 10	10111M				M TON	AC GR 10
D	ASPHALT CEMENT, GRADE AC 2.5	10109				TONS	AC GR 2.5
D	ASPHALT CEMENT, GRADE AC 2.5	10109M				M TON	AC GR 2.5
D	ASPHALT CEMENT, GRADE AC 20	10112				TONS	AC GR 20

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ASPHALT CEMENT, GRADE AC 20	10112M				M TON	AC GR 20
D	ASPHALT CEMENT, GRADE AC 40	10113				TONS	AC GR 40
D	ASPHALT CEMENT, GRADE AC 40	10113M				M TON	AC GR 40
D	ASPHALT CEMENT, GRADE AC 5	10110				TONS	AC GR 5
D	ASPHALT CEMENT, GRADE AC 5	10110M				M TON	AC GR 5
D	ASPHALT CEMENT, GRADE AC-(100-120)	10104				TONS	AC GR 100-120
D	ASPHALT CEMENT, GRADE AC-(120-150)	10103				TONS	AC GR 120-150
D	ASPHALT CEMENT, GRADE AC-(150-200)	10102				TONS	AC GR 150-200
D	ASPHALT CEMENT, GRADE AC-(200-300)	10101				TONS	AC GR 200-300
D	ASPHALT CEMENT, GRADE AC-(50-60)	10108				TONS	AC GR 50-60
D	ASPHALT CEMENT, GRADE AC-(60-70)	10107				TONS	AC GR 60-70
D	ASPHALT CEMENT, GRADE AC-(70-85)	10106				TONS	AC GR 70-85
D	ASPHALT CEMENT, GRADE AC-(85-100)	10105				TONS	AC GR 85-100
D	ASPHALT CEMENT, GRADE AR-40	10114				TONS	AC GRADE AR-40
D	ASPHALT CEMENT, PERFORMANCE GRADED, PG 46-22	10120				TONS	AC PG 46-22
D	ASPHALT CEMENT, PERFORMANCE GRADED, PG 46-22	10120M				M TON	AC PG 46-22
D	ASPHALT CEMENT, PERFORMANCE GRADED, PG 52-22	10123				TONS	AC PG 52-22
D	ASPHALT CEMENT, PERFORMANCE GRADED, PG 52-22	10123M				M TON	AC PG 52-22
D	ASPHALT CEMENT, POLYMER MODIFIED	10199				TONS	AC POLY MOD
D	ASPHALT CEMENT, POLYMER MODIFIED	10199M				M TON	AC POLY MOD
D	ASPHALT CEMENT, SBS-SAF	10194				TONS	AC SBS-SAF
D	ASPHALT CEMENT, SBS-SAF	10194M				M TON	AC SBS-SAF
D	ASPHALT PLANK	38301				SQFT	ASPHALT PLANK
D	ASPHALT PLANK	38301M				SQ M	ASPHALT PLANK

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ASPHALT RUBBER, SYSTEM C, MIX 1	38803				GAL	ASPH-RUB SY C MIX 1
D	ASPHALT RUBBER, SYSTEM C, MIX 1	38803M				LITER	ASPH-RUB SY C MIX 1
D	ASPHALT RUBBER, SYSTEM C, MIX 2	38804				GAL	ASPH-RUB SY C MIX 2
D	ASPHALT RUBBER, SYSTEM C, MIX 2	38804M				LITER	ASPH-RUB SY C MIX 2
	ASPHALT SAND SEAL PROTECTIVE LAYER MIXTURE	18405				TONS	ASP SAND SEAL PL MIX
	ASPHALT SAND SEAL PROTECTIVE LAYER MIXTURE	18405M				M TON	ASP SAND SEAL PL MIX
D	ASPHALT STAB BASE CS, ROAD MIX OR TRAVEL PLANT MIX, LR 310-1	18101	5			TONS	ASBC RM TPM LR 3101
D	ASPHALT STAB BASE CS, ROAD MIX OR TRAVEL PLANT MIX, LR 310-1	18102	4			TONS	ASBC RM TPM LR 3101S
D	ASPHALT STABILIZED BASE COURSE, PLANT MIX LR 310-2	18103	5			TONS	ASBC PM LR 3102
D	ASPHALT STABILIZED BASE COURSE, PLANT MIX LR 310-2	18104	4			TONS	ASBC PM LR 3102S
D	ASPHALT STABILIZED BASE COURSE, PLANT MIX LR 310-2	18104M	4			M TON	ASBC PM LR 3102S
D	ASPHALT STABILIZED SUBBASE DRAINAGE LAYER (MIX)	17751				TONS	ASSB DRAIN LYR MIX
D	ASPHALT STABILIZED SUBBASE DRAINAGE LAYER (MIX)	17751M				M TON	ASSB DRAIN LYR MIX
D	ASPHALT, ANIONIC EMULSIFIED, GRADE CBAE-2	10707				GAL	ASPHALT CBAE-2
D	ASPHALT, ANIONIC EMULSIFIED, GRADE CBAE-2	10707M				LITER	ASPHALT CBAE-2
	ASPHALT, ANIONIC EMULSIFIED, HIGH FLOAT, POLYMER (HFP)	10725				GAL	ASPHALT AHFE (HFP)
	ASPHALT, ANIONIC EMULSIFIED, HIGH FLOAT, POLYMER (HFP)	10725M				LITER	ASPHALT AHFE (HFP)
D	ASPHALT, ANIONIC EMULSIFIED, MEDIUM SETTING, GRADE MS-1	10703				GAL	ASPHALT AE GR MS1
D	ASPHALT, ANIONIC EMULSIFIED, MEDIUM SETTING, GRADE MS-1	10703M				LITER	ASPHALT AE GR MS1
D	ASPHALT, ANIONIC EMULSIFIED, MEDIUM SETTING, GRADE MS-2	10704				GAL	ASPHALT AE GR MS2
D	ASPHALT, ANIONIC EMULSIFIED, MEDIUM SETTING, GRADE MS-2	10704M				LITER	ASPHALT AE GR MS2
D	ASPHALT, ANIONIC EMULSIFIED, MS-2 MODIFIED	10708				GAL	ASPHALT AE MS2 MOD
D	ASPHALT, ANIONIC EMULSIFIED, MS-2 MODIFIED	10708M				LITER	ASPHALT AE MS2 MOD
D	ASPHALT, ANIONIC EMULSIFIED, RAPID SETTING, GRADE RS-1	10701				GAL	ASPHALT AE GR RS1

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ASPHALT, ANIONIC EMULSIFIED, RAPID SETTING, GRADE RS-1	10701M				LITER	ASPHALT AE GR RS1
	ASPHALT, ANIONIC EMULSIFIED, RAPID SETTING, GRADE RS-2	10702				GAL	ASPHALT AE GR RS2
	ASPHALT, ANIONIC EMULSIFIED, RAPID SETTING, GRADE RS-2	10702M				LITER	ASPHALT AE GR RS2
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GR SS-1HP, POLYMER	10709M				LITER	ASPHALT AE GR SS-1HP
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GRADE SS-1	10705				GAL	ASPHALT AE GR SS1
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GRADE SS-1	10705M				LITER	ASPHALT AE GR SS1
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GRADE SS-1H	10706				GAL	ASPHALT AE GR SS-1H
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GRADE SS-1H	10706M				LITER	ASPHALT AE GR SS-1H
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING, GRADE SS-1VH	10711				GAL	ASPHALT AE GR SS-1VH
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING, GRADE SS-1VH	10711M				LITER	ASPHALT AE GR SS-1VH
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GR SS-1HP, POLYMER	10709				GAL	ASPHALT AE GR SS-1HP
	ASPHALT, ANIONIC EMULSION, NON-TRACKING, NTEA	10712				GAL	ASPHALT NTEA
D	ASPHALT, ARA-1	10918				GAL	ASPHALT ARA-1
	ASPHALT, CATIONIC EMULS, RAPID SET, POLYMER (CRSP)	10925				GAL	ASPHALT CRSE (CRSP)
	ASPHALT, CATIONIC EMULS, RAPID SET, POLYMER (CRSP)	10925M				LITER	ASPHALT CRSE (CRSP)
D	ASPHALT, CATIONIC EMULSIFIED, CQS	10912				GAL	ASPHALT CE CQS
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CMS-2	10903				GAL	ASPHALT CE GR CMS2
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CMS-2	10903M				LITER	ASPHALT CE GR CMS2
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CMS-2H	10904				GAL	ASPHALT CE GR CMS2H
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CMS-2H	10904M				LITER	ASPHALT CE GR CMS2H
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-KP	10920				GAL	ASPHALT CE GR CRS-KP
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-1	10901				GAL	ASPHALT CE GR CRS1
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-1	10901M				LITER	ASPHALT CE GR CRS1
	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2	10902				GAL	ASPHALT CE GR CRS2

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2	10902M				LITER	ASPHALT CE GR CRS2
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2H	10907				GAL	ASPHALT CE GR CRS2H
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2H	10907M				LITER	ASPHALT CE GR CRS2H
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2S	10917				GAL	ASPHALT CE GR CRS2S
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2S	10917M				LITER	ASPHALT CE GR CRS2S
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1	10905				GAL	ASPHALT CE GR CSS1
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1	10905M				LITER	ASPHALT CE GR CSS1
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1H	10906				GAL	ASPHALT CE GR CSS1H
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1H	10906M				LITER	ASPHALT CE GR CSS1H
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1H LATEX MODIFIED	10926				GAL	ASPH CE GR CSS1H LM
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1H LATEX MODIFIED	10926M				LITER	ASPH CE GR CSS1H LM
	ASPHALT, CATIONIC EMULSIFIED, SLOW SETTING GR CSS-1HP, POLYMER	10908				GAL	ASPH CE GR CSS-1HP
	ASPHALT, CATIONIC EMULSIFIED, SLOW SETTING GR CSS-1HP, POLYMER	10908M				LITER	ASPH CE GR CSS-1HP
	ASPHALT, CATIONIC EMULSION, QUICK SET, POLYMER CQS-1HP	10928				GAL	ASPHALT CQS-1HP
	ASPHALT, CATIONIC EMULSION, RAPID SET, POLYMER CRS-2P	10929				GAL	ASPHALT CRS-2P
D	ASPHALT, CATIONIC EMUSLIFIED, CMS-2, MODIFIED	10911				GAL	ASPHALT CE CMS2 MOD
D	ASPHALT, CATIONIC EMUSLIFIED, CMS-2, MODIFIED	10911M				LITER	ASPHALT CE CMS2 MOD
D	ASPHALT, CHEM-CRETE	43500				GAL	ASPHALT CHEM-CRETE
D	ASPHALT, CHEM-CRETE	43500M				LITER	ASPHALT CHEM-CRETE
D	ASPHALT, CULVERT PIPE COATING	11101				GAL	ASPHALT CUL P COAT
D	ASPHALT, CULVERT PIPE COATING	11101M				LITER	ASPHALT CUL P COAT
D	ASPHALT, CUTBACK EMULSION, PRIMER L	10910				GAL	ASPH CUTBACK EM PR L
	ASPHALT, EMULSIFIED, PENETRATING (PEA)	10919				GAL	ASPHALT PEA
	ASPHALT, EMULSIFIED, PENETRATING (PEA)	10919M				LITER	ASPHALT PEA

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ASPHALT, EMULSION DUST PALLATIVE	10914				GAL	ASPHALT AE-DP
D	ASPHALT, EMULSION DUST PALLATIVE	10914M				LITER	ASPHALT AE-DP
	ASPHALT, EMULSION, COLD IN-PLACE RECYCLING (CIR-FDR EMULSION)	10927				GAL	ASPHALT CIR-FDR EMUL
	ASPHALT, EMULSION, COLD IN-PLACE RECYCLING (CIR-FDR EMULSION)	10927M				LITER	ASPHALT CIR-FDR EMUL
	ASPHALT, GRADE AWP, TYPE I	38801				TONS	ASPHALT GR AWP TYI
	ASPHALT, GRADE AWP, TYPE I	38801M				M TON	ASPHALT GR AWP TYI
	ASPHALT, GRADE AWP, TYPE II	38802				TONS	ASPHALT GR AWP TYII
	ASPHALT, GRADE AWP, TYPE II	38802M				M TON	ASPHALT GR AWP TYII
	ASPHALT, HIGH FLOAT ANIONIC EMUL, RAPID SET, POLYMER HFRS-2P	10726				GAL	ASPHALT HFRS-2P
	ASPHALT, HIGH FLOAT ANIONIC EMULSIFIED, RAPID SET (HFRS-2)	10916				GAL	ASPHALT HFRS-2
	ASPHALT, HIGH FLOAT ANIONIC EMULSIFIED, RAPID SET (HFRS-2)	10916M				LITER	ASPHALT HFRS-2
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-KP	10806				GAL	ASPHALT HFE GR KP
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-KP	10806M				LITER	ASPHALT HFE GR KP
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-150	10803				GAL	ASPHALT HFE GR 150
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-150	10803M				LITER	ASPHALT HFE GR 150
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-300	10804				GAL	ASPHALT HFE GR 300
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-300	10804M				LITER	ASPHALT HFE GR 300
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-60	10801				GAL	ASPHALT HFE GR 60
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-60	10801M				LITER	ASPHALT HFE GR 60
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-90	10802				GAL	ASPHALT HFE GR 90
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-90	10802M				LITER	ASPHALT HFE GR 90
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-90S	10805				GAL	ASPHALT HFE GR 90S
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-90S	10805M				LITER	ASPHALT HFE GR 90S
D	ASPHALT, HIGH FLOAT RECYCLING AGENT	10915				GAL	ASPHALT HFRA

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ASPHALT, HIGH FLOAT RECYCLING AGENT	10915M				LITER	ASPHALT HFRA
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-250	10503				GAL	ASPHALT L GR MC250
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-250	10503M				LITER	ASPHALT L GR MC250
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-30	10501				GAL	ASPHALT L GR MC30
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-30	10501M				LITER	ASPHALT L GR MC30
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-3000	10505				GAL	ASPHALT L GR MC3000
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-3000	10505M				LITER	ASPHALT L GR MC3000
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-70	10502				GAL	ASPHALT L GR MC70
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-70	10502M				LITER	ASPHALT L GR MC70
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-800	10504				GAL	ASPHALT L GR MC800
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-800	10504M				LITER	ASPHALT L GR MC800
D	ASPHALT, LIQUID PAVEMENT MARKING	11201				GAL	ASPHALT L PVT MK
D	ASPHALT, LIQUID RAPID CURING GRADE RC-250	10402				GAL	ASPHALT L GR RC250
D	ASPHALT, LIQUID RAPID CURING GRADE RC-250	10402M				LITER	ASPHALT L GR RC250
D	ASPHALT, LIQUID RAPID CURING GRADE RC-3000	10404				GAL	ASPHALT L GR RC3000
D	ASPHALT, LIQUID RAPID CURING GRADE RC-3000	10404M				LITER	ASPHALT L GR RC3000
	ASPHALT, LIQUID RAPID CURING GRADE RC-70	10401				GAL	ASPHALT L GR RC70
	ASPHALT, LIQUID RAPID CURING GRADE RC-70	10401M				LITER	ASPHALT L GR RC70
D	ASPHALT, LIQUID RAPID CURING GRADE RC-800	10403				GAL	ASPHALT L GR RC800
D	ASPHALT, LIQUID RAPID CURING GRADE RC-800	10403M				LITER	ASPHALT L GR RC800
	ASPHALT, LIQUID SLOW CURING GRADE SC-250	10602				GAL	ASPHALT L GR SC250
	ASPHALT, LIQUID SLOW CURING GRADE SC-250	10602M				LITER	ASPHALT L GR SC250
	ASPHALT, LIQUID SLOW CURING GRADE SC-3000	10604				GAL	ASPHALT L GR SC3000
	ASPHALT, LIQUID SLOW CURING GRADE SC-3000	10604M				LITER	ASPHALT L GR SC3000

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ASPHALT, LIQUID SLOW CURING GRADE SC-70	10601				GAL	ASPHALT L GR SC70
	ASPHALT, LIQUID SLOW CURING GRADE SC-70	10601M				LITER	ASPHALT L GR SC70
	ASPHALT, LIQUID SLOW CURING GRADE SC-800	10603				GAL	ASPHALT L GR SC800
	ASPHALT, LIQUID SLOW CURING GRADE SC-800	10603M				LITER	ASPHALT L GR SC800
	ASPHALT, MULTI GRADE, CM-90	10522				GAL	ASP MULTI GR CM90
	ASPHALT, MULTI GRADE, CM-90	10522M				LITER	ASP MULTI GR CM90
	ASPHALT, MULTI GRADE, CM150	10523				GAL	ASP MULTI GR CM150
	ASPHALT, MULTI GRADE, CM150	10523M				LITER	ASP MULTI GR CM150
	ASPHALT, MULTI GRADE, CM300	10521				GAL	ASP MULTI GR CM300
	ASPHALT, MULTI GRADE, CM300	10521M				LITER	ASP MULTI GR CM300
	ASPHALT, PENETRATING EMULSIFIED PRIME (PEP)	10913				GAL	ASPHALT PEP
	ASPHALT, PENETRATING EMULSIFIED PRIME (PEP)	10913M				LITER	ASPHALT PEP
	ASPHALT, RAPID SETTING EMULSION, POLYMER MODIFIED (RSP)	10710				GAL	ASPHALT RSP
	ASPHALT, RAPID SETTING EMULSION, POLYMER MODIFIED (RSP)	10710M				LITER	ASPHALT RSP
D	ASPHALT, ROOFING	11102	32			TONS	ASPHALT ROOFING
D	ASPHALTIC PANEL	38302				SQYD	ASPHALTIC PANEL
D	ASPHALTIC PANEL	38302M				SQ M	ASPHALTIC PANEL
	ASSEMBLY, ANCHOR BOLT	67632	83	59		EA	ASSEMBLY ANCHOR BOLT
	ASSEMBLY, ANCHOR BOLT	67632M	83	59		EA	ASSEMBLY ANCHOR BOLT
	BALES, EROSION CONTROL	56214				EA	BALES EROSION CONTR
	BALES, EROSION CONTROL	56214M				EA	BALES EROSION CONTR
	BALES, STRAW (AERO)	56232				EA	BALES STRAW AERO
	BALES, STRAW (AERO)	56232M				EA	BALES STRAW AERO
	BAND, CORR. ALUMINUM, CONNECTORS	52701	14	16		EA	BAND CORR ALUM

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BAND, CORR. ALUMINUM, CONNECTORS	52701M	14	16		EA	BAND CORR ALUM
	BAND, GALV. STEEL CONNECTORS	46201	14	16		EA	BAND GALV STEEL
	BAND, GALV. STEEL CONNECTORS	46201M	14	16		EA	BAND GALV STEEL
	BAND, PIER REPAIR, STEEL	68606				EA	BAND PIER REPAIR ST
	BAND, PIER REPAIR, STEEL	68606M				EA	BAND PIER REPAIR ST
D	BAR DEFORMED BILLET AASHTO M31	62901				LB	BAR DF BILLET M31
	BAR MAT, FABRICATED, DEFORMED MEMBERS	62804	44	50	86	SQYD	BAR MAT FAB DFME
	BAR MAT, FABRICATED, DEFORMED MEMBERS	62804M	44	50	86	SQ M	BAR MAT FAB DFME
	BAR SPLICER (COUPLER)	63203	14			EA	BAR SPLICER COUPLER
	BAR SPLICER (COUPLER)	63203M	14			EA	BAR SPLICER COUPLER
	BAR SPLICER (COUPLER) EPOXY COATED	63204	14		74	EA	BAR SPLICE COUP EPXY
	BAR SPLICER (COUPLER) EPOXY COATED	63204M	14		74	EA	BAR SPLICE COUP EPXY
D	BAR SPLICER (COUPLER) EXTRUDED FRICTION TYPE	63208	39			EA	BAR SPLICE CPLR EXTD
D	BAR SPLICER (COUPLER) EXTRUDED FRICTION TYPE	63208M	39			EA	BAR SPLICE CPLR EXTD
D	BAR SPLICER (LAP) EPOXY COATED	63209	14	12		EA	BAR SPLICE LAP EPXCT
D	BAR SPLICER (LAP) EPOXY COATED	63209M	14	12		EA	BAR SPLICE LAP EPXCT
D	BAR, AASHTO M-161	65101	16	13	12	LB	BAR AASHTO M161
D	BAR, AASHTO M-183	65102	16	13	12	LB	BAR AASHTO M183
D	BAR, AASHTO M-187	65103	16	13	12	LB	BAR AASHTO M187
D	BAR, AASHTO M-188	65104	16	13	12	LB	BAR AASHTO M188
D	BAR, AASHTO M-222	65105	16	13	12	LB	BAR AASHTO M222
D	BAR, AASHTO M-223 42	6510642	16	13	12	LB	BAR AASHTO M223 42
D	BAR, AASHTO M-223 45	6510645	16	13	12	LB	BAR AASHTO M223 45
D	BAR, AASHTO M-223 50	6510650	16	13	12	LB	BAR AASHTO M223 50

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D BAR,	AASHTO M-223 55	6510655	16	13	12	LB	BAR AASHTO M223 55
D BAR,	AASHTO M-223 60	6510660	16	13	12	LB	BAR AASHTO M223 60
D BAR,	AASHTO M-223 65	6510665	16	13	12	LB	BAR AASHTO M223 65
D BAR,	AASHTO M183M	65102M	16	13	12	KG	BAR AASHTO M183M
D BAR,	AASHTO M222M	65105M	16	13	12	KG	BAR AASHTO M222M
D BAR,	AASHTO M223M290	65106M290	16	13	12	KG	BAR AASHTO M223M290
D BAR,	AASHTO M223M345	65106M345	16	13	12	KG	BAR AASHTO M223M345
D BAR,	AASHTO M223M415	65106M415	16	13	12	KG	BAR AASHTO M223M415
D BAR,	AASHTO M223M450	65106M450	16	13	12	KG	BAR AASHTO M223M450
BAR,	AASHTO M270M250	65107M250	16	13	12	KG	BAR M270M250
BAR,	AASHTO M270M345	65107M345	16	13	12	KG	BAR M270M345
BAR,	AASHTO M270M345W	65107M341	16	13	12	KG	BAR M270M345W
BAR,	AASHTO M270M485	65107M485	16	13	12	KG	BAR M270M485
BAR,	AASHTO M270M485W	65107M481	16	13	12	KG	BAR M270M485W
BAR,	AASHTO M270M690	65107M690	16	13	12	KG	BAR M270M690
BAR,	AASHTO M270M690W	65107M691	16	13	12	KG	BAR M270M690W
D BAR,	ASTM A242M	65101M	16	13	12	KG	BAR ASTM A242M
D BAR,	DEFORM AXLE, AASHTO M-53 40	6290340	39			LB	BAR DF AXLE M53 40
D BAR,	DEFORM AXLE, AASHTO M-53 40 EPOXY COATED	6291140	39			LB	BAR DF AXLE M5340 EP
D BAR,	DEFORM AXLE, AASHTO M-53 40 GALV	6291040	39			LB	BAR DF AXLE M5340 GV
D BAR,	DEFORM AXLE, AASHTO M-53 60	6290360	39			LB	BAR DF AXLE M53 60
D BAR,	DEFORM AXLE, AASHTO M-53 60 EPOXY COATED	6291160	39			LB	BAR DF AXLE M5360 EP
D BAR,	DEFORM AXLE, AASHTO M-53 60 GALV	6291060	39			LB	BAR DF AXLE M5360 GV
D BAR,	DEFORM AXLE, AASHTO M53M 300	62903M300	39			KG	BAR DF AXLE M53M300

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BAR, DEFORM AXLE, AASHTO M53M 400	62903M400	39			KG	BAR DF AXLE M53M400
D	BAR, DEFORM AXLE, AASHTO M53M300 EPOXY COATED	62911M300	39			KG	BAR D AXLE M5M300EP
D	BAR, DEFORM AXLE, AASHTO M53M300 GALV	62910M300	39			KG	BAR D AXLE M53M300GV
D	BAR, DEFORM AXLE, AASHTO M53M400 EPOXY COATED	62911M400	39			KG	BAR D AXLE M53M400EP
D	BAR, DEFORM AXLE, AASHTO M53M400 GALV	62910M400	39			KG	BAR D AXLE M53M400GV
D	BAR, DEFORM BILLET, AASHTO M-31 40	62901M40	39			KG	BAR DF BILLET M31 40
D	BAR, DEFORM BILLET, AASHTO M-31 40	6290140	39			LB	BAR DF BILLET M31 40
D	BAR, DEFORM BILLET, AASHTO M-31 40 EPOXY COATED	62909M40	39			KG	BAR DF BILL M3140 EP
D	BAR, DEFORM BILLET, AASHTO M-31 40 EPOXY COATED	6290940	39			LB	BAR DF BILL M3140 EP
D	BAR, DEFORM BILLET, AASHTO M-31 40 GALV	6290840	39			LB	BAR DF BILL M3140 GV
D	BAR, DEFORM BILLET, AASHTO M-31 60	62901M60	39			KG	BAR DF BILLET M31 60
D	BAR, DEFORM BILLET, AASHTO M-31 60	6290160	39			LB	BAR DF BILLET M31 60
D	BAR, DEFORM BILLET, AASHTO M-31 60 EPOXY COATED	62909M60	39			KG	BAR DF BILL M3160 EP
D	BAR, DEFORM BILLET, AASHTO M-31 60 EPOXY COATED	6290960	39			LB	BAR DF BILL M3160 EP
D	BAR, DEFORM BILLET, AASHTO M-31 60 GALV	6290860	39			LB	BAR DF BILL M3160 GV
D	BAR, DEFORM BILLET, AASHTO M-31 75	6290175	39			LB	BAR DF BILLET M31 75
D	BAR, DEFORM BILLET, AASHTO M-31M 300	62901M300	39			KG	BAR DF BILL M31M300
D	BAR, DEFORM BILLET, AASHTO M-31M 400	62901M400	39			KG	BAR DF BILL M31M400
D	BAR, DEFORM BILLET, AASHTO M31M 500	62901M500	39			KG	BAR DF BILL M31M500
D	BAR, DEFORM BILLET, AASHTO M31M300 EPOXY COATED	62909M300	39			KG	BAR D BILL M31M300EP
D	BAR, DEFORM BILLET, AASHTO M31M300 GALV	62908M300	39			KG	BAR D BILL M31M300GV
D	BAR, DEFORM BILLET, AASHTO M31M400 EPOXY COATED	62909M400	39			KG	BAR D BILL M31M400EP
D	BAR, DEFORM BILLET, AASHTO M31M400 GALV	62908M400	39			KG	BAR D BILL M31M400GV
D	BAR, DEFORM BILLET, ASTM A-706 M60	62916M60	39			KG	BAR DF BILL A706 M60

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BAR, DEFORM BILLET, ASTM A-706 M60 EPOXY COATED	62918M60	39		74	KG	BAR D BILL A706M60EP
	BAR, DEFORM BILLET, ASTM A-706 M60, TEXTURED EPOXY COATED	62920M60	39		74	KG	BAR D BIL A706M60TEP
	BAR, DEFORM BILLET, ASTM A-706 60	6291660	39			LB	BAR DF BILL A706 60
	BAR, DEFORM BILLET, ASTM A-706 60 EPOXY COATED	6291860	39		74	LB	BAR DF BILL A70660EP
	BAR, DEFORM BILLET, ASTM A-706 60, TEXTURED EPOXY COATED	6292060	39		74	LB	BAR DF BIL A70660TEP
D	BAR, DEFORM BILLET, STRUCTURAL GRADE	62902	39			LB	BAR DF BILLET STGR
D	BAR, DEFORM RAIL, AASHTO M-42 50	6291550	39			LB	BAR DF RAIL M42 50
D	BAR, DEFORM RAIL, AASHTO M-42 60	62915M60	39			KG	BAR DF RAIL M42 60
D	BAR, DEFORM RAIL, AASHTO M-42 60	6291560	39			LB	BAR DF RAIL M42 60
D	BAR, DEFORM RAIL, AASHTO M42M350	62915M350	39			KG	BAR DF RAIL M42M350
D	BAR, DEFORM RAIL, AASHTO M42M400	62915M400	39			KG	BAR DF RAIL M42M400
	BAR, DEFORM, ASTM A-615	62921	39	30	74	LB	BAR DF A615
	BAR, GRADE 100	65107100	16	13	12	LB	BAR GRADE 100
	BAR, GRADE 100W	651071001	16	13	12	LB	BAR GRADE 100W
	BAR, GRADE 36	6510736	16	13	12	LB	BAR GRADE 36
	BAR, GRADE 50	6510750	16	13	12	LB	BAR GRADE 50
	BAR, GRADE 50W	65107501	16	13	12	LB	BAR GRADE 50W
	BAR, GRADE 70	6510770	16	13	12	LB	BAR GRADE 70
	BAR, GRADE 70W	65107701	16	13	12	LB	BAR GRADE 70W
D	BAR, POT BEARING KEY GUIDE, AASHTO M169	68204	16	13X12		PC	BAR KEY GUIDE M169
D	BAR, POT BEARING KEY GUIDE, AASHTO M169	68204M	16	13X12		EA	BAR KEY GUIDE M169
D	BAR, PRESTRESSING, ASTM A722, 1035MPA	63201M	14			METER	BAR PRESTRES 1035MPA
D	BAR, PRESTRESSING, ASTM A722, 1035MPA, EPOXY COATED	63207M	14			METER	BAR PRSTR 1035MPAEPX
D	BAR, PRESTRESSING, 150K	63201	14			LINFT	BAR PRESTRESS 150K

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BAR, PRESTRESSING, 150K, EPOXY COATED	63207	14			LINFT	BAR PRESTRS 150K EPX
D	BAR, RAIL JOINT, HIGH CARBON, AREA	68202	13X11	12		PC	BAR RAIL JT HC AREA
D	BAR, RAIL JOINT, HIGH CARBON, AREA	68202M	13X11	12		EA	BAR RAIL JT HC AREA
	BAR, ROUND, ASTM A193, GRADE B7, RYPW 4142	68203	14	12		PC	BAR RD A193 B7 4142
	BAR, ROUND, ASTM A193M, GRADE B7, RYPW 4142	68203M	14	12		EA	BAR RD A193MB7 4142
D	BAR, SMOOTH AXLE, AASHTO M-53 40	6290540	14			LB	BAR SM AXLE M53 40
D	BAR, SMOOTH AXLE, AASHTO M-53 60	6290560	14			LB	BAR SM AXLE M53 60
D	BAR, SMOOTH AXLE, AASHTO M53M300	62905M300	14			KG	BAR SM AXLE M53M300
D	BAR, SMOOTH AXLE, AASHTO M53M400	62905M400	14			KG	BAR SM AXLE M53M400
D	BAR, SMOOTH BILLET, AASHTO M-31 40	6290440	14			LB	BAR SM BILLET M31 40
D	BAR, SMOOTH BILLET, AASHTO M-31 60	6290460	14			LB	BAR SM BILLET M31 60
D	BAR, SMOOTH BILLET, AASHTO M-31 75	6290475	14			LB	BAR SM BILLET M31 75
D	BAR, SMOOTH BILLET, AASHTO M31M400	62904M400	14			KG	BAR SM BILL M31M400
D	BAR, SMOOTH BILLET, AASHTO M31M500	62904M500	14			KG	BAR SM BILL M31M500
	BAR, SMOOTH BILLET, ASTM A-706 M60	62917M60	14			KG	BAR SM BILL A706 M60
	BAR, SMOOTH BILLET, ASTM A-706 M60 EPOXY COATED	62919M60	14		74	KG	BAR S BILL A706M60EP
	BAR, SMOOTH BILLET, ASTM A-706 60	6291760	14			LB	BAR SM BILL A706 60
	BAR, SMOOTH BILLET, ASTM A-706 60 EPOXY COATED	6291960	14		74	LB	BAR SM BILL A70660EP
D	BAR, SMOOTH RAIL, AASHTO M-42 50	6291450	14			LB	BAR SM RAIL M42 50
D	BAR, SMOOTH RAIL, AASHTO M-42 60	6291460	14			LB	BAR SM RAIL M42 60
D	BAR, SMOOTH RAIL, AASHTO M42M350	62914M350	14			KG	BAR SM RAIL M42M350
D	BAR, SMOOTH RAIL, AASHTO M42M400	62914M400	14			KG	BAR SM RAIL M42M400
	BAR, SMOOTH, ASTM A-615	62922	14	30	74	LB	BAR SM A615
D	BAR, SMOOTH, ASTM A663 60	6290660	14			LB	BAR SM ASTM A663 60

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BAR, SMOOTH, ASTM A663 65	6290665	14			LB	BAR SM ASTM A663 65
D	BAR, SMOOTH, ASTM A663 70	6290670	14			LB	BAR SM ASTM A663 70
D	BAR, SMOOTH, ASTM A663 75	6290675	14			LB	BAR SM ASTM A663 75
D	BAR, SMOOTH, ASTM A663 80	6290680	14			LB	BAR SM ASTM A663 80
D	BAR, SMOOTH, ASTM A663M415	62906M415	14			KG	BAR SM ASTM A663M415
D	BAR, SMOOTH, ASTM A663M450	62906M450	14			KG	BAR SM ASTM A663M450
D	BAR, SMOOTH, ASTM A663M485	62906M485	14			KG	BAR SM ASTM A663M485
D	BAR, SMOOTH, ASTM A663M515	62906M515	14			KG	BAR SM ASTM A663M515
D	BAR, SMOOTH, ASTM A663M550	62906M550	14			KG	BAR SM ASTM A663M550
D	BAR, SMOOTH, ROUND M-183	62907	14			LB	BAR SM RND M183
D	BAR, SMOOTH, ROUND M-222	62913	14			LB	BAR SM RND M222
D	BAR, SMOOTH, ROUND M183M	62907M	14			KG	BAR SM RND M183M
D	BAR, SMOOTH, ROUND M222M	62913M	14			KG	BAR SM RND M222M
	BAR, STAINLESS STEEL FOR HANDRAIL ASTM A276, TYPE 302	68201	16	89		PC	BAR STL STA T302
	BAR, STAINLESS STEEL FOR HANDRAIL ASTM A276, TYPE 302	68201M	16	89		EA	BAR STL STA T302
	BAR, STAINLESS STEEL, DEFORMED, ASTM A955	62925	39	30		LB	BAR SSTL DEFORMED
D	BAR,ASTM A529 GRADE 50	65108M50	16	13	12	KG	BAR A529 50
D	BAR,ASTM A529 GRADE 50	6510850	16	13	12	LB	BAR A529 50
	BARRICADE	61327				EA	BARRICADE
	BARRICADE	61327M				EA	BARRICADE
	BARRIER TERMINAL, HIGH TENSION CABLE MEDIAN	55604				EA	BARRIER TERM HTC MED
	BARRIER TERMINAL, HIGH TENSION CABLE MEDIAN	55604M				EA	BARRIER TERM HTC MED
	BARRIER, HIGH TENSION CABLE MEDIAN	55603				LINFT	BARRIER HTC MEDIAN
	BARRIER, HIGH TENSION CABLE MEDIAN	55603M				METER	BARRIER HTC MEDIAN

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BARRIER, PRECAST CONCRETE MEDIAN	25504		19		LINFT	BARRIER MED PRECAST
	BARRIER, PRECAST CONCRETE MEDIAN	25504M		19		METER	BARRIER MED PRECAST
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, NCHRP (MASH) ONLY FLARED	55611	59			EA	BAR TRAF TERM FLARED
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, NCHRP (MASH) ONLY FLARED	55611M	59			EA	BAR TRAF TERM FLARED
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, NCHRP (MASH) ONLY TANGENT	55601	59			EA	BAR TRAF TERM TANGEN
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, NCHRP (MASH) ONLY TANGENT	55601M	59			EA	BAR TRAF TERM TANGEN
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, OTHER	55608	59			EA	BAR TRAF TERM OTHER
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, OTHER	55608M	59			EA	BAR TRAF TERM OTHER
D	BASE, FRAME, & LID, TYPE 5	20901	9			EA	BASE FR & LID TY5
D	BASE, FRAME, & LID, TYPE 5	20901M	9			EA	BASE FR & LID TY5
	BASE, TELESCOPING STEEL SIGN SUPPORT	60906				EA	BASE TELE ST SIGN SP
	BASE, TELESCOPING STEEL SIGN SUPPORT	60906M				EA	BASE TELE ST SIGN SP
	BASE, TRAFFIC CONTROL SIGNAL POST	33502				EA	BASE TRAFFIC CONTROL
	BASE, TRAFFIC CONTROL SIGNAL POST	33502M				EA	BASE TRAFFIC CONTROL
	BEACON TOWER, IN PLACE	72001				EA	BEACON TOWER IP
	BEACON TOWER, IN PLACE	72001M				EA	BEACON TOWER IP
	BEACON, AIRPORT ROTATING	72000				EA	BEACON AIRPORT ROTAT
	BEACON, AIRPORT ROTATING	72000M				EA	BEACON AIRPORT ROTAT
D	BEAD, GLASS (TTB 1325A TYPE 3)	60409				LB	BEAD GL TTB 1325ATY3
D	BEAD, GLASS (TTB 1325A TYPE 3)	60409M				KG	BEAD GL TTB 1325ATY3
D	BEADS, GLASS, (TTB 1325A TYPE 1)	60406				LB	BEAD GL TTB 1325ATY1
D	BEADS, GLASS, (TTB 1325A TYPE 1)	60406M				KG	BEAD GL TTB 1325ATY1
D	BEADS, GLASS, (TTB 1325A TYPE 2)	60405				LB	BEAD GL TTB 1325ATY2
D	BEADS, GLASS, (TTB 1325A TYPE 2)	60405M				KG	BEAD GL TTB 1325ATY2

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BEADS, GLASS, CURB MARKING	60404				LB	BEAD GL CURB MK
	BEADS, GLASS, EPOXY PAVEMENT MARKING	60407				LB	BEAD GL EP PVMTMRK
	BEADS, GLASS, EPOXY PAVEMENT MARKING	60407M				KG	BEAD GL EP PVMTMRK
D	BEADS, GLASS, FLOATING, PAVEMENT LINE MARKING (M-107)	60403				LB	BEAD GL FO PVTLMK
D	BEADS, GLASS, FLOATING, PAVEMENT LINE MARKING (M-107)	60403M				KG	BEAD GL FO PVTLMK
D	BEADS, GLASS, MEDIUM INDEX, PAVEMENT MARKING	60408				LB	BEAD GL MDIX PVMTMRK
	BEADS, GLASS, PAVEMENT LINE MARKING	60401				LB	BEAD GL PVTLMK
	BEADS, GLASS, PAVEMENT LINE MARKING	60401M				KG	BEAD GL PVTLMK
	BEADS, GLASS, REFLECTIVE ELEMENTS, WHITE	60410				LB	BEAD GL REFL ELEM WH
	BEADS, GLASS, REFLECTIVE ELEMENTS, YELLOW	60411				LB	BEAD GL REFL ELEM YL
D	BEADS, GLASS, THERMOPLASTIC PAVEMENT LINE MARKING	60402				LB	BEAD GL TH PVTLMK
	BEAMS, BRIDGE PRECAST	25301	11	19	7	SQFT	BEAMS BRIDGE PRECAST
	BEAMS, BRIDGE PRECAST	25301M	11	19	7	SQ M	BEAMS BRIDGE PRECAST
	BEAMS, BULB T, BRIDGE, PRECAST PRESTRESSED	27602	11	19		LINFT	BEAMS BULB T BR PPC
	BEAMS, BULB T, BRIDGE, PRECAST PRESTRESSED	27602M	11	19		METER	BEAMS BULB T BR PPC
	BEAMS, DECK, BRIDGE, PRECAST PRESTRESSED CONCRETE	27701	11	19		SQFT	BEAMS DK BR PPONC
	BEAMS, DECK, BRIDGE, PRECAST PRESTRESSED CONCRETE	27701M	11	19		SQ M	BEAMS DK BR PPONC
	BEAMS, DECK, BRIDGE, SOLID PROFILE, PRECAST PRESTRSD CONC	27702	11	19		LINFT	BEAMS DK BR SLD PPC
	BEAMS, DECK, BRIDGE, SOLID PROFILE, PRECAST PRESTRSD CONC	27702M	11	19		METER	BEAMS DK BR SLD PPC
	BEAMS, I, BRIDGE, PRECAST PRESTRESSED CONCRETE	27601	11	19		LINFT	BEAMS I BR PPONC
	BEAMS, I, BRIDGE, PRECAST PRESTRESSED CONCRETE	27601M	11	19		METER	BEAMS I BR PPONC
D	BEAMS, I, BRIDGE, PRECAST PRESTRESSED POSTTENSIONED CONCRETE	27901	11	19		LINFT	BEAMS I BR PPPOCONC
D	BEAMS, I, BRIDGE, PRECAST PRESTRESSED POSTTENSIONED CONCRETE	27901M	11	19		METER	BEAMS I BR PPPOCONC
	BEAMS, IL N, BRIDGE, PRECAST PRESTRESSED CONCRETE	27603	11	19		LINFT	BEAMS ILN BR PPC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BEAMS, IL N, BRIDGE, PRECAST PRESTRESSED CONCRETE	27603M	11	19		METER	BEAMS ILN BR PPC
	BEAMS, IL W, BRIDGE, PRECAST PRESTRESSED CONCRETE	27604	11	19		LINFT	BEAMS ILW BR PPC
	BEAMS, IL W, BRIDGE, PRECAST PRESTRESSED CONCRETE	27604M	11	19		METER	BEAMS ILW BR PPC
	BERM, EROSION CONTROL, POLYETHYLENE	56229				EA	BERM EROCON POLYETH
	BERM, EROSION CONTROL, POLYETHYLENE	56229M				EA	BERM EROCON POLYETH
D	BINDER TACK, TERRA TACK AR	56217				LB	BITACK TERRA TACK
	BINDER, CHEMICAL MULCH	56222	61			LB	BINDER CHEM MULCH
	BINDER, CHEMICAL MULCH	56222M	61			KG	BINDER CHEM MULCH
D	BIT SURFACE MEDIUM GRADED AGG TYPE MOD PLANT MIX LR 423	18108	4			TONS	BS MGA MPM LR 423
	BITUMINOUS ADHESIVE, FIBERGLASS FABRIC REPAIR SYSTEM	38508				LB	BIT ADHES FG FABREPS
	BITUMINOUS ADHESIVE, FIBERGLASS FABRIC REPAIR SYSTEM	38508M				KG	BIT ADHES FG FABREPS
D	BITUMINOUS AGGREGATE MIXTURE BASE COURSE, LR 311	18105				TONS	BAM BS CS LR311
D	BITUMINOUS AGGREGATE MIXTURE BASE COURSE, LR 311	18105M				M TON	BAM BS CS LR311
D	BITUMINOUS AGGREGATE MIXTURE SHOULDERS RECYCLED	17723				TONS	BAM SHOULDER REC
D	BITUMINOUS AGGREGATE MIXTURE SHOULDERS RECYCLED	17723M				M TON	BAM SHOULDER REC
D	BITUMINOUS AGGREGATE MIXTURE SUBBASE RECYCLED MIXTURE I	17721				TONS	BAM SUBBASE REC MIXI
D	BITUMINOUS AGGREGATE MIXTURE SUBBASE RECYCLED MIXTURE I	17721M				M TON	BAM SUBBASE REC MIXI
D	BITUMINOUS AGGREGATE MIXTURE SUBBASE RECYCLED MIXTURE II	17722				TONS	BAM SUBBASE RECMIXII
D	BITUMINOUS AGGREGATE MIXTURE, N30, RECYCLED	19506MR				M TON	BAM N30 RECYCLED
D	BITUMINOUS AGGREGATE MIXTURE, SHOULDERS	17703	2			TONS	BAM SHOULDER
D	BITUMINOUS AGGREGATE MIXTURE, SHOULDERS	17703M	2			M TON	BAM SHOULDER
D	BITUMINOUS AGGREGATE MIXTURE, SUB-BASE MIXTURE I	17701	2			TONS	BAM SUBBASE MIX I
D	BITUMINOUS AGGREGATE MIXTURE, SUB-BASE MIXTURE I	17701M	2			M TON	BAM SUBBASE MIX I
D	BITUMINOUS AGGREGATE MIXTURE, SUB-BASE MIXTURE II	17702	4			TONS	BAM SUBBASE MIX II

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS AGGREGATE MIXTURE, SUB-BASE MIXTURE II	17702M	4			M TON	BAM SUBBASE MIX II
D	BITUMINOUS BASE COURSE MIXTURE	17801	3			TONS	BIT BASE CS MIX
D	BITUMINOUS BASE COURSE MIXTURE	17801M	3			M TON	BIT BASE CS MIX
D	BITUMINOUS BASE COURSE OPEN-GRADED PLANT MIX	17851				TONS	BIT BASE CS OGPM
D	BITUMINOUS BASE COURSE OPEN-GRADED PLANT MIX	17851M				M TON	BIT BASE CS OGPM
D	BITUMINOUS BASE COURSE RECYCLED MIXTURE	17821				TONS	BIT BASE CSE REC MIX
D	BITUMINOUS BASE COURSE RECYCLED MIXTURE	17821M				M TON	BIT BASE CSE REC MIX
D	BITUMINOUS BASE COURSE, N50	19602	3			TONS	BIT BASE CS N50
D	BITUMINOUS BASE COURSE, N50	19602M	3			M TON	BIT BASE CS N50
D	BITUMINOUS BASE COURSE, N50, RECYCLED	19602MR	3			M TON	BIT BASE CS N50 REC
D	BITUMINOUS BASE COURSE, N50, RECYCLED	19602R	3			TONS	BIT BASE CS N50 REC
D	BITUMINOUS BASE COURSE, TYPE A, AERONAUTICS	18611				TONS	BIT BASE TYA AERO
D	BITUMINOUS BASE COURSE, TYPE A, AERONAUTICS	18611M				M TON	BIT BASE TYA AERO
D	BITUMINOUS BASE COURSE, TYPE B, AERONAUTICS	18612				TONS	BIT BASE TYB AERO
D	BITUMINOUS BASE COURSE, TYPE B, 25.4MM MAX, AERONAUTICS	18612M				M TON	BIT BS B 25.4MAX AER
D	BITUMINOUS BASE COURSE, TYPE C, AERONAUTICS	18613				TONS	BIT BASE TYC AERO
D	BITUMINOUS BASE COURSE, TYPE C, AERONAUTICS	18613M				M TON	BIT BASE TYC AERO
D	BITUMINOUS BASE COURSE, 1 1/4 MAX, AERONAUTICS	18601				TONS	BIT BASE 1-1/4 AERO
D	BITUMINOUS BASE COURSE, 1-0 MAX, AERONAUTICS	18602				TONS	BIT BASE 1-0 AERO
D	BITUMINOUS BASE COURSE, 1/2 MAX, AERONAUTICS	18604				TONS	BIT BASE 1/2 AERO
D	BITUMINOUS BASE COURSE, 1/2 MAX, SAND, AERONAUTICS	18605				TONS	BIT BASE 1/2 SN AERO
D	BITUMINOUS BASE COURSE, 25.4MM, AERONAUTICS	18602M				M TON	BIT BASE 25.4MM AERO
D	BITUMINOUS BASE COURSE, 3/4 MAX, AERONAUTICS	18603				TONS	BIT BASE 3/4 AERO
D	BITUMINOUS BASE COURSE, 31.8MM, AERONAUTICS	18601M				M TON	BIT BASE 31.8MM AERO

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS BASE RECYCLED, TYPE A, AERONAUTICS	18621				TONS	BIT BASE REC A AERO
D	BITUMINOUS BASE RECYCLED, TYPE B, AERONAUTICS	18622				TONS	BIT BASE REC B AERO
D	BITUMINOUS BASE RECYCLED, TYPE B, AERONAUTICS	18622M				M TON	BIT BASE REC B AERO
D	BITUMINOUS BASE RECYCLED, TYPE C, AERONAUTICS	18623				TONS	BIT BASE REC C AERO
D	BITUMINOUS CONCETE BINDER COURSE, N30, 25.0, RECYCLED	19501R				TONS	BITCONC BC N30 25.0R
D	BITUMINOUS CONCRETE BINDER COURSE RECYCLED, TYPE A	17521				TONS	BITCONC BCS REC TYA
D	BITUMINOUS CONCRETE BINDER COURSE RECYCLED, TYPE B	17522				TONS	BITCONC BCS REC TYB
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1 RECYCLED, B	17552MR				M TON	BITCONC BCS 1 REC B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1 RECYCLED, B	175520				TONS	BITCONC BCS 1 REC B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, A	17561				TONS	BITCONC BCS 2 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, A	17561M				M TON	BITCONC BCS 2 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, B	17562				TONS	BITCONC BCS 2 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, B	17562M				M TON	BITCONC BCS 2 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RECYCLED, A	17561MR				M TON	BITCONC BCS 2 REC A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RECYCLED, A	175610				TONS	BITCONC BCS 2 REC A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RECYCLED, B	17562MR				M TON	BITCONC BCS 2 REC B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RECYCLED, B	175620				TONS	BITCONC BCS 2 REC B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RUBBER, B	17562M11				M TON	BITCONC BCS 2 RUB B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RUBBER, B	1756211				TONS	BITCONC BCS 2 RUB B
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, PASSING, TYPE A	17531				TONS	BITCONC BCS CLI P A
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, PASSING, TYPE A	17531M				M TON	BITCONC BSC CLI P A
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, PASSING, TYPE B	17532				TONS	BITCONC BCS CLI P B
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, PASSING, TYPE B	17532M				M TON	BITCONC BSC CLI P B
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, TYPE A	17501				TONS	BITCONC BCS CLI TY A

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, TYPE B	17502				TONS	BITCONC BCS CLI TY B
D	BITUMINOUS CONCRETE BINDER COURSE, N30 25.0, RECYCLED	19501MR				M TON	BITCONC BC N30 25.0R
D	BITUMINOUS CONCRETE BINDER COURSE, N30, 19.0	19502				TONS	BITCONC BC N30 19.0
D	BITUMINOUS CONCRETE BINDER COURSE, N30, 19.0	19502M				M TON	BITCONC BC N30 19.0
D	BITUMINOUS CONCRETE BINDER COURSE, N30, 19.0, RECYCLED	19502R				TONS	BITCONC BC N30 19.0R
D	BITUMINOUS CONCRETE BINDER COURSE, N30, 25.0	19501				TONS	BITCONC BC N30 25.0
D	BITUMINOUS CONCRETE BINDER COURSE, N30, 25.0	19501M				M TON	BITCONC BC N30 25.0
D	BITUMINOUS CONCRETE BINDER COURSE, PASSING RECYCLED, TYPE A	17541				TONS	BITCONC BCS PREC TYA
D	BITUMINOUS CONCRETE BINDER COURSE, PASSING RECYCLED, TYPE A	17541M				M TON	BITCONC BCS PREC TYA
D	BITUMINOUS CONCRETE BINDER COURSE, PASSING RECYCLED, TYPE B	17542				TONS	BITCONC BCS PREC TYB
D	BITUMINOUS CONCRETE BINDER COURSE, PASSING RECYCLED, TYPE B	17542M				M TON	BITCONC BCS PREC TYB
D	BITUMINOUS CONCRETE BINDER COURSE, SPECIAL, TYPE A	17507				TONS	BITCONC BCS CLI STYA
D	BITUMINOUS CONCRETE BINDER COURSE, SPECIAL, TYPE B	17508				TONS	BITCONC BCS CLI STYB
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1, A	17551				TONS	BITCONC BCS 1 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1, A	17551M				M TON	BITCONC BCS 1 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1, B	17552				TONS	BITCONC BCS 1 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1, B	17552M				M TON	BITCONC BCS 1 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, A	17571				TONS	BITCONC BCS 3 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, A	17571M				M TON	BITCONC BCS 3 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, B	17572				TONS	BITCONC BCS 3 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, B	17572M				M TON	BITCONC BCS 3 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, RECYCLED, A	17571MR				M TON	BITCONC BCS 3 REC A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, RECYCLED, A	175710				TONS	BITCONC BCS 3 REC A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, RECYCLED, B	17572MR				M TON	BITCONC BCS REC B

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, RECYCLED, B	175720				TONS	BITCONC BCS REC B
D	BITUMINOUS CONCRETE SURFACE COURSE RECYCLED, TYPE D	17524				TONS	BITCONC SCS REC TYD
D	BITUMINOUS CONCRETE SURFACE COURSE RECYCLED, TYPE E	17525				TONS	BITCONC SCS REC TYE
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE C	17533				TONS	BITCONC SCS CLI P C
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE C	17533M				M TON	BITCONC SCS CLI P C
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE D	17534				TONS	BITCONC SCS CLI P D
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE D	17534M				M TON	BITCONC SCS CLI P D
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE E	17535				TONS	BITCONC SCS CLI P E
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE E	17535M				M TON	BITCONC SCS CLI P E
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, TYPE C	17503				TONS	BITCONC SCS CLI TY C
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, TYPE D	17504				TONS	BITCONC SCS CLI TY D
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, TYPE E	17505				TONS	BITCONC SCS CLI TY E
D	BITUMINOUS CONCRETE SURFACE COURSE, N30, C	19503				TONS	BITCONC SC N30 C
D	BITUMINOUS CONCRETE SURFACE COURSE, N30, C	19503M				M TON	BITCONC SC N30 C
D	BITUMINOUS CONCRETE SURFACE COURSE, N30, C, RECYCLED	19503MR				M TON	BITCONC SC N30 C REC
D	BITUMINOUS CONCRETE SURFACE COURSE, N30, C, RECYCLED	19503R				TONS	BITCONC SC N30 C REC
D	BITUMINOUS CONCRETE SURFACE COURSE, N90, E, RECYCLED	17535MR				M TON	BITCONC SC N90 E REC
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE C	17543				TONS	BITCONC SCS PREC TYC
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE C	17543M				M TON	BITCONC SCS PREC TYC
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE D	17544				TONS	BITCONC SCS PREC TYD
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE D	17544M				M TON	BITCONC SCS PREC TYD
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE E	17545				TONS	BITCONC SCS PREC TYE
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE E	17545M				M TON	BITCONC SCS PREC TYE
D	BITUMINOUS CONCRETE SURFACE COURSE, SAND ANTIFRAC LAYR, CLI	17599				TONS	BITCONC SCS SAFL CI

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS CONCRETE SURFACE COURSE, SAND ANTIFRAC LAYR, CLI	17599M				M TON	BITCONC SCS SAFL CI
D	BITUMINOUS CONCRETE SURFACE COURSE, SPECIAL, TYPE C	17509				TONS	BITCONC SCS CLI STYC
D	BITUMINOUS CONCRETE SURFACE COURSE, SPECIAL, TYPE D	17510				TONS	BITCONC CSC CLI STYD
D	BITUMINOUS CONCRETE SURFACE COURSE, SPECIAL, TYPE E	17511				TONS	BITCONC SCS CLI STYE
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1 RECYCLED, C	17553MR				M TON	BITCONC SCS 1 REC C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1 RECYCLED, C	175530				TONS	BITCONC SCS 1 REC C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, C	17553				TONS	BITCONC SCS 1 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, C	17553M				M TON	BITCONC SCS 1 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, D	17554				TONS	BITCONC SCS 1 D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, D	17554M				M TON	BITCONC SCS 1 D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, E	17555				TONS	BITCONC SCS 1 E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, E	17555M				M TON	BITCONC SCS 1 E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, F	17556				TONS	BITCONC SCS 1 F
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, F	17556M				M TON	BITCONC SCS 1 F
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, RECYCLED, D	17554MR				M TON	BITCONC SCS 1 REC D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, RECYCLED, D	175540				TONS	BITCONC SCS 1 REC D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, C	17563				TONS	BITCONC SCS 2 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, C	17563M				M TON	BITCONC SCS 2 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, D	17564				TONS	BITCONC SCS 2 D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, D	17564M				M TON	BITCONC SCS 2 D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, E	17565				TONS	BITCONC SCS 2 E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, E	17565M				M TON	BITCONC SCS 2 E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, F	17566				TONS	BITCONC SCS 2 F
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, F	17566M				M TON	BITCONC SCS 2 F

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, C	17563MR				M TON	BITCONC SCS 2 REC C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, C	175630				TONS	BITCONC SCS 2 REC C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, D	17564MR				M TON	BITCONC SCS 2 REC D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, D	175640				TONS	BITCONC SCS 2 REC D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, E	17565MR				M TON	BITCONC SCS 2 REC E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, E	175650				TONS	BITCONC SCS 2 REC E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, F	17566MR				M TON	BITCONC SCS 2 REC F
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, F	175660				TONS	BITCONC SCS 2 REC F
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RUBBER, C	17563M11				M TON	BITCONC SCS 2 RUB C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RUBBER, C	1756311				TONS	BITCONC SCS 2 RUB C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RUBBER, D	17564M11				M TON	BITCONC SCS 2 RUB D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RUBBER, D	1756411				TONS	BITCONC SCS 2 RUB D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, C	17573				TONS	BITCONC SCS 3 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, C	17573M				M TON	BITCONC SCS 3 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, RECYCLED, C	17573MR				M TON	BITCONC SCS 3 REC C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, RECYCLED, C	175730				TONS	BITCONC SCS 3 REC C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, RECYCLED,C,L	17574MR				M TON	BITCONC SCS 3 REC CL
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, RECYCLED,C,L	175740				TONS	BITCONC SCS 3 REC CL
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3,C,L	17574				TONS	BITCONC SCS 3 CL
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3,C,L	17574M				M TON	BITCONC SCS 3 CL
	BITUMINOUS CONCRETE SURFACE COURSE, ULTRA-THIN ASPH FRICTION	18306				TONS	BITCONC UT ASPH FRIC
	BITUMINOUS CONCRETE SURFACE COURSE, ULTRA-THIN ASPH FRICTION	18306M				M TON	BITCONC UT ASPH FRIC
D	BITUMINOUS CONCRETE SURFACE COURSE,SPECIAL,TYPE C	17509M				M TON	BITCONC SCS CLI STYC
D	BITUMINOUS CONNCRETE SURFACE COURSE RECYCLED, TYPE C	17523				TONS	BITCONC SCS REC TYC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BITUMINOUS CURBING	18201				TONS	BITUMINOUS CURBING
	BITUMINOUS CURBING	18201M				M TON	BITUMINOUS CURBING
D	BITUMINOUS HOT MIX SAND SEAL COAT, LR	18106				TONS	BHM SSC LR
D	BITUMINOUS HOT MIX SAND SEAL COAT, LR	18106M				M TON	BHM SSC LR
D	BITUMINOUS MAINTENANCE MIX 1, M 31, 1/2-4	18007				TONS	BIT MAINT MIX M1 M31
D	BITUMINOUS MAINTENANCE MIX 2, M 31, 1/2-10	18008				TONS	BIT MAINT MIX M2 M31
D	BITUMINOUS MAINTENANCE MIX 2, M 31, 12.5MM-2.00MM	18008M				M TON	BIT MAINT MIX M2 M31
D	BITUMINOUS MAINTENANCE MIX 3, M 31, 3/8-10	18009				TONS	BIT MAINT MIX M3 M31
D	BITUMINOUS MAINTENANCE MIX 4, M 31, 3/8-200	18010				TONS	BIT MAINT MIX M4 M31
D	BITUMINOUS MAINTENANCE MIX 5, M 31, 3/8-10 (ALTERNATE)	18011				TONS	BIT MAINT MIX M5 M31
D	BITUMINOUS MAINTENANCE MIX 6, M 31, 3/8-200 (ALTERNATE)	18012				TONS	BIT MAINT MIX M6 M31
D	BITUMINOUS MAINTENANCE MIXTURE M-87	18020				TONS	BIT MAINT MIX M87
	BITUMINOUS MAINTENANCE MIXTURE M19, MIX 5, 12.5MM-.075MM(ALT)	18035M				M TON	BIT MAINT MIX5 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, BINDER	18001				TONS	BIT MAINT MIX 17B
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, BINDER	18001M				M TON	BIT MAINT MIX 17B
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, COARSE SURFACE	18003				TONS	BIT MAINT MIX 17CSUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, COARSE SURFACE	18003M				M TON	BIT MAINT MIX 17CSUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, FINE SURFACE	18004				TONS	BIT MAINT MIX 17FSUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, SURFACE	18002				TONS	BIT MAINT MIX 17SUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, SURFACE	18002M				M TON	BIT MAINT MIX 17SUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 19	18005				TONS	BIT MAINT MIX M19
D	BITUMINOUS MAINTENANCE MIXTURE, M 20	18006				TONS	BIT MAINT MIX M20
D	BITUMINOUS MAINTENANCE MIXTURE, M 47	18015				TONS	BIT MAINT MIX M47
D	BITUMINOUS MAINTENANCE MIXTURE, M 48, BINDER	18016				TONS	BIT MAINT MIX M48B

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS MAINTENANCE MIXTURE, M 48, SURFACE	18017				TONS	BIT MAINT MIX M48SUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 48, SURFACE	18017M				M TON	BIT MAINT MIX M48SUR
D	BITUMINOUS MAINTENANCE MIXTURE, M-120	18021				TONS	BIT MAINT MIX M120
D	BITUMINOUS MAINTENANCE MIXTURE, M-120	18021M				M TON	BIT MAINT MIX M120
D	BITUMINOUS MAINTENANCE MIXTURE, M-126	18022				TONS	BIT MAINT MIX M126
D	BITUMINOUS MAINTENANCE MIXTURE, MIX 1, M 105	18018				TONS	BIT MAINT MIXM1 M105
D	BITUMINOUS MAINTENANCE MIXTURE, MIX 1, M 41	18013				TONS	BIT MAINT MIX M1 M41
D	BITUMINOUS MAINTENANCE MIXTURE, MIX 2, M 105	18019				TONS	BIT MAINT MIXM2 M105
D	BITUMINOUS MAINTENANCE MIXTURE, MIX 2, M 41	18014				TONS	BIT MAINT MIX M2 M41
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 1, 1/2-4	18031				TONS	BIT MAINT MIX1 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 2, 1/2-10	18032				TONS	BIT MAINT MIX2 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 2, 12.5MM-2.00MM	18032M				M TON	BIT MAINT MIX2 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 3, 3/8-10	18033				TONS	BIT MAINT MIX3 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 3, 9.5MM-2.00MM	18033M				M TON	BIT MAINT MIX3 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 4, 3/8-200	18034				TONS	BIT MAINT MIX4 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 4, 9.5MM-.075MM	18034M				M TON	BIT MAINT MIX4 M19
	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 5, 1/2-200 (ALT)	18035				TONS	BIT MAINT MIX5 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 6, 3/8-10 (ALT)	18036				TONS	BIT MAINT MIX6 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 7, 3/8-200 (ALT)	18037				TONS	BIT MAINT MIX7 M19
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL	18038				TONS	BIT MAINT MIX SPCL
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL	18038M				M TON	BIT MAINT MIX SPCL
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL, CA10	18039				TONS	BIT MNT MIX SPCL 10
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL, CA12	18040				TONS	BIT MNT MIX SPCL 12
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL, CA14	18041				TONS	BIT MNT MIX SPCL 14

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL, CA16	18042				TONS	BIT MNT MIX SPCL 16
D	BITUMINOUS MIXTURE FOR RECYCLING	18801				TONS	BIT MIX FOR RECYCLE
D	BITUMINOUS MIXTURE FOR RECYCLING	18801M				M TON	BIT MIX FOR RECYCLE
D	BITUMINOUS MIXTURE FOR RECYCLING	18802				SQYD	BIT MIX FOR RECYCLE
D	BITUMINOUS MIXTURE ROSPHALT SAND	18415				TONS	BITMIX ROSPHALT SAND
D	BITUMINOUS MIXTURE SPECIAL NO. 1-PASS-RETAINED	18501				TONS	BIT MIX SPEC 1 PR
D	BITUMINOUS MIXTURE SPECIAL NO. 1-PASSING	18401				TONS	BIT MIX SP 1P
D	BITUMINOUS MIXTURE SPECIAL NO. 1-PASSING	18401M				M TON	BIT MIX SP 1P
D	BITUMINOUS MIXTURE SPECIAL NO. 2-PASS-RETAINED	18502				TONS	BIT MIX SPEC 2 PR
D	BITUMINOUS MIXTURE SPECIAL NO. 2-PASSING	18402				TONS	BIT MIX SP 2P
D	BITUMINOUS MIXTURE SPECIAL NO. 2-PASSING	18402M				M TON	BIT MIX SP 2P
D	BITUMINOUS MIXTURE SPECIAL NO. 3-PASS-RETAINED	18503				TONS	BIT MIX SPEC 3 PR
D	BITUMINOUS MIXTURE SPECIAL NO. 3-PASSING	18403				TONS	BIT MIX SP 3P
D	BITUMINOUS MIXTURE SPECIAL NO. 3-PASSING	18403M				M TON	BIT MIX SP 3P
D	BITUMINOUS MIXTURE SPECIAL NO. 4-PASS-RETAINED	18504				TONS	BIT MIX SPEC 4 PR
D	BITUMINOUS MIXTURE SPECIAL NO. 4-PASSING	18404				TONS	BIT MIX SP 4P
D	BITUMINOUS MIXTURE SPECIAL NO. 4-PASSING	18404M				M TON	BIT MIX SP 4P
	BITUMINOUS MIXTURE, MICRO-SURFACING, C	19921	72			SQYD	BIT MIX MICRO SURF C
	BITUMINOUS MIXTURE, MICRO-SURFACING, C	19921M	72			SQ M	BIT MIX MICRO SURF C
	BITUMINOUS MIXTURE, MICRO-SURFACING, D	19922	72			SQYD	BIT MIX MICRO SURF D
	BITUMINOUS MIXTURE, MICRO-SURFACING, D	19922M	72			SQ M	BIT MIX MICRO SURF D
	BITUMINOUS MIXTURE, SLURRY SEAL	19901				SQYD	BIT MIX SLURRY SEAL
	BITUMINOUS MIXTURE, SLURRY SEAL	19901M				SQ M	BIT MIX SLURRY SEAL
D	BITUMINOUS POROUS FRICTION COURSE, 1/2 MAX, AERONAUTICS	18304				TONS	BIT PFC 1/2 AERO

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS POROUS FRICTION COURSE, 12.5MM, AERONAUTICS	18304M				M TON	BIT PFC 12.5MM AERO
D	BITUMINOUS POROUS FRICTION COURSE, 3/4 MAX, AERONAUTICS	18303				TONS	BIT PFC 3/4 AERO
D	BITUMINOUS POROUS FRICTION COURSE, 3/4 MAX, AERONAUTICS	18303M				M TON	BIT PFC 3/4 AERO
D	BITUMINOUS ROAD MIX SURFACE, EARTH MAT TYPE, LR 421	18107	4			TONS	BRM SUR EM LR 421
D	BITUMINOUS STONE MATRIX ASPHALT .50IN CELLULOSE FIBER	1843201				TONS	BIT SMA .50IN CELL
D	BITUMINOUS STONE MATRIX ASPHALT .50IN MINERAL FIBER	1843202				TONS	BIT SMA .50IN MIN
D	BITUMINOUS STONE MATRIX ASPHALT .50IN POLYMER	18434				TONS	BIT SMA .50IN POLY
D	BITUMINOUS STONE MATRIX ASPHALT .50IN POLYMER/MINERAL FIBER	1843402				TONS	BIT SMA .50IN PLYMN
D	BITUMINOUS STONE MATRIX ASPHALT .75 POLYMER	18433				TONS	BIT SMA .75 POLY
D	BITUMINOUS STONE MATRIX ASPHALT .75IN CELLULOSE FIBER	1843101				TONS	BIT SMA .75IN CELL
D	BITUMINOUS STONE MATRIX ASPHALT .75IN MINERAL FIBER	1843102				TONS	BIT SMA .75IN MIN
D	BITUMINOUS STONE MATRIX ASPHALT .75IN POLYMER/MINERAL FIBER	1843302				TONS	BIT SMA .75IN PLYMN
D	BITUMINOUS STONE MATRIX ASPHALT 12.5MM CELLULOSE FIBER	18432M01				M TON	BIT SMA 12.5 MM CELL
D	BITUMINOUS STONE MATRIX ASPHALT 12.5MM MINERAL FIBER	18432M02				M TON	BIT SMA 12.5MM MIN
D	BITUMINOUS STONE MATRIX ASPHALT 12.5MM POLYMER	18434M				M TON	BIT SMA 12.5MM POLY
D	BITUMINOUS STONE MATRIX ASPHALT 12.5MM POLYMER/MINERAL FIBER	18434M02				M TON	BIT SMA 12.5MM PLYMN
D	BITUMINOUS STONE MATRIX ASPHALT 19.0MM CELLULOSE FIBER	18431M01				M TON	BIT SMA 19.0MM CELL
D	BITUMINOUS STONE MATRIX ASPHALT 19.0MM MINERAL FIBER	18431M02				M TON	BIT SMA 19.0MM MIN
D	BITUMINOUS STONE MATRIX ASPHALT 19.0MM POLYMER	18433M				M TON	BIT SMA 19.0MM POLY
D	BITUMINOUS STONE MATRIX ASPHALT 19.0MM POLYMER/MINERAL FIBER	18433M02				M TON	BIT SMA 19.0MM PLYMN
D	BITUMINOUS SURFACE COURSE, TYPE A, AERONAUTICS	18711				TONS	BIT SUR TYA AERO
D	BITUMINOUS SURFACE COURSE, TYPE A, AERONAUTICS	18711M				M TON	BIT SUR TYA AERO
D	BITUMINOUS SURFACE COURSE, TYPE B, AERONAUTICS	18712				TONS	BIT SUR TYB AERO
D	BITUMINOUS SURFACE COURSE, TYPE B, 19.0MM MAX., AERONAUTICS	18712M				M TON	BIT SUR B 19.0MAX AER

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS SURFACE COURSE, TYPE C, AERONAUTICS	18713				TONS	BIT SUR TYC AERO
D	BITUMINOUS SURFACE COURSE, TYPE C, AERONAUTICS	18713M				M TON	BIT SUR TYC AERO
D	BITUMINOUS SURFACE COURSE, 1-0, +60KIP, AERONAUTICS	18701				TONS	BIT SUR 1-0+60K AERO
D	BITUMINOUS SURFACE COURSE, 1-0, -60KIP, AERONAUTICS	18704				TONS	BIT SUR 1-0-60K AERO
D	BITUMINOUS SURFACE COURSE, 1/2, +60KIP, AERONAUTICS	18703				TONS	BIT SUR 1/2+60K AERO
D	BITUMINOUS SURFACE COURSE, 1/2, -60KIP, AERONAUTICS	18706				TONS	BIT SUR 1/2-60K AERO
D	BITUMINOUS SURFACE COURSE, 3/4, +60KIP, AERONAUTICS	18702				TONS	BIT SUR 3/4+60K AERO
D	BITUMINOUS SURFACE COURSE, 3/4, -60KIP, AERONAUTICS	18705				TONS	BIT SUR 3/4-60K AERO
D	BITUMINOUS SURFACE PLANT MIX, CLASS B	17601	1			TONS	BIT SUR PL MIX CLB
D	BITUMINOUS SURFACE PLANT MIX, CLASS B	17601M	1			M TON	BIT SUR PL MIX CLB
D	BITUMINOUS SURFACE PLANT MIX, CLASS B, RECYCLED	17621				TONS	BIT SUR PLMIX CLB RC
D	BITUMINOUS SURFACE PLANT MIX, CLASS B, RECYCLED	17621M				M TON	BIT SUR PLMIX CLB RC
D	BITUMINOUS SURFACE RECYCLED, TYPE A, AERONAUTICS	18721				TONS	BIT SUR REC TYA AERO
D	BITUMINOUS SURFACE RECYCLED, TYPE B, AERONAUTICS	18722				TONS	BIT SUR REC TYB AERO
D	BITUMINOUS SURFACE RECYCLED, TYPE C, AERONAUTICS	18723				TONS	BIT SUR REC TYC AERO
D	BITUMINOUS SURFACE RECYCLED, TYPE C, AERONAUTICS	18723M				M TON	BIT SUR REC TYC AERO
D	BITUMINOUS SURFACE ROAD MIX, CLASS B	17602	1			N/A	BIT SUR RD MIX CLB
D	BITUMINOUS SURFACE ROAD MIX, CLASS B	17602M	1			NA	BIT SUR RD MIX CLB
D	BITUMINOUS SURFACE TREATMENT, CLASS A-1	17901	4			N/A	BIT SUR TR CL A-1
D	BITUMINOUS SURFACE TREATMENT, CLASS A-2	17902	4			N/A	BIT SUR TR CL A-2
D	BITUMINOUS SURFACE TREATMENT, CLASS A-3	17903	4			N/A	BIT SUR TR CL A-3
D	BITUNIOUS CONCRETE BINDER COURSE, N30, 19.0, RECYCLED	19502MR				M TON	BITCONC BC N30 19.0R
	BLANKET, CURING WHITE SYNTHETIC FIBER POLYMER POLYETHYLENE	70207				SQYD	BLANKET CURING SFPP
	BLANKET, CURING WHITE SYNTHETIC FIBER POLYMER POLYETHYLENE	70207M				SQ M	BLANKET CURING SFPP

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BLANKET, EROSION CONTROL, NYLON FIBER, POLYPROPYLENE NETTING	56220				SQYD	BLANKET EROCON NYFIB
D	BLANKET, EROSION CONTROL, NYLON FIBER, POLYPROPYLENE NETTING	56220M				SQ M	BLANKET EROCON NYFIB
	BLANKET, EXCELSIOR	56209				SQYD	BLANKET EXCELSIOR
	BLANKET, EXCELSIOR	56209M				SQ M	BLANKET EXCELSIOR
	BLANKET, EXCELSIOR AND STRAW BLEND	56225				SQYD	BLKT EXCELSIOR STRAW
	BLANKET, EXCELSIOR AND STRAW BLEND	56225M				SQ M	BLKT EXCELSIOR STRAW
	BLANKETS, CURING BURLAP	70201				SQYD	BLANKET CURING BUR
	BLANKETS, CURING BURLAP	70201M				SQ M	BLANKET CURING BUR
	BLANKETS, CURING BURLAP, POLYETHYLENE	70204				SQYD	BLANKET CURING BURPE
	BLANKETS, CURING BURLAP, POLYETHYLENE	70204M				SQ M	BLANKET CURING BURPE
	BLANKETS, CURING COTTON MATS	70205				SQYD	BLANKET CURING COT
	BLANKETS, CURING COTTON MATS	70205M				SQ M	BLANKET CURING COT
	BLANKETS, CURING WATERPROOF	70202				SQYD	BLANKET CURING WAP
	BLANKETS, CURING WATERPROOF	70202M				SQ M	BLANKET CURING WAP
	BLANKETS, CURING WHITE CELLULOSE POLYETHYLENE	70206				SQYD	BLANKET CURING WCPE
	BLANKETS, CURING WHITE CELLULOSE POLYETHYLENE	70206M				SQ M	BLANKET CURING WCPE
	BLANKETS, CURING WHITE POLYETHYLENE SHEETING	70203				SQYD	BLANKET CURING WPE
	BLANKETS, CURING WHITE POLYETHYLENE SHEETING	70203M				SQ M	BLANKET CURING WPE
	BLOCKOUT, PLASTIC	55504				EA	BLOCKOUT PLASTIC
	BLOCKOUT, PLASTIC	55504M				EA	BLOCKOUT PLASTIC
	BLOCKOUT, TREATED WOOD	55503				EA	BLOCKOUT TREAT WOOD
	BLOCKOUT, TREATED WOOD	55503M				EA	BLOCKOUT TREAT WOOD
	BLOCKS, HOLLOW LOAD BEARING (C-90)	25106	11	12	13	EA	BLOCKS HOLDBR C90
	BLOCKS, HOLLOW LOAD BEARING (C-90)	25106M	11	12	13	EA	BLOCKS HOLDBR C90

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BLOCKS, PRECAST CONCRETE FOR RETAINING WALL, HOLLOW	25111				EA	BLOCK RET WALL HOLLO
D	BLOCKS, PRECAST CONCRETE FOR RETAINING WALL, HOLLOW	25111M				EA	BLOCK RET WALL HOLLO
D	BLOCKS, PRECAST CONCRETE FOR RETAINING WALL, SOLID	25110	11	12	13	EA	BLOCK RET WALL SOLID
D	BLOCKS, PRECAST CONCRETE FOR RETAINING WALL, SOLID-T	25112				EA	BLOCK RET WALL SOL-T
D	BLOCKS, PRECAST CONCRETE FOR RETAINING WALL, SOLID-T	25112M				EA	BLOCK RET WALL SOL-T
	BLOCKS, REVETMENT MAT, PRECAST	25114	11	12	13	EA	BLK REVMT MAT PCST
	BLOCKS, REVETMENT MAT, PRECAST	25114M	11	12	13	EA	BLK REVMT MAT PCST
	BLOCKS, REVETMENT MAT, PRECAST, ARTICULATED	25115	11	12	13	EA	BLK REVMT MAT PC AR
	BLOCKS, REVETMENT MAT, PRECAST, ARTICULATED	25115M	11	12	13	EA	BLK REVMT MAT PC AR
D	BLOCKS, SOLID LOAD BEARING (C-90)	25109	11	12	13	EA	BLOCKS SOLID LB C90
D	BLOCKS, SOLID LOAD BEARING (C-90)	25109M	11	12	13	EA	BLOCKS SOLID LB C90
	BLOCKS, SOLID MASONRY BUILDING	25104	11	12	13	EA	BLOCKS SLD MSNRY BLD
	BLOCKS, SOLID MASONRY BUILDING	25104M	11	12	13	EA	BLOCKS SLD MSNRY BLD
	BLOCKS, SOLID SEGMENTAL BARREL	25101	14	85		EA	BLOCKS SO SEG BRL
	BLOCKS, SOLID SEGMENTAL BARREL	25101M	14	85		EA	BLOCKS SO SEG BRL
D	BLOCKS, SOLID SEGMENTAL CONE	25102	59			EA	BLOCKS SO SEG CN
D	BLOCKS, SOLID SEGMENTAL CONE	25102M	59			EA	BLOCKS SO SEG CN
D	BLOCKS, SOLID SEGMENTAL INLET	25103	14 OR	12X13X11		EA	BLOCKS SO SEG IN
D	BLOCKS, SOLID SEGMENTAL INLET	25103M	14 OR	12X13X11		EA	BLOCKS SO SEG IN
D	BLOCKS, STONE	71000				SQFT	BLOCKS STONE
D	BLOCKS, STONE	71000M				SQ M	BLOCKS STONE
D	BLOCKS, PRECAST CONCRETE MODULAR FOR GRAVITY RETAINING WALL	25108	11	12	13	EA	BLOCKS PCST RET WALL
D	BLOCKS, PRECAST CONCRETE MODULAR FOR GRAVITY RETAINING WALL	25108M	11	12	13	EA	BLOCKS PCST RET WALL
	BOLLARD/PILASTER, PRECAST CONCRETE	25904				EA	BOLLARD/PILASTER PC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOLLARD/PILASTER, PRECAST CONCRETE	25904M				EA	BOLLARD/PILASTER PC
	BOLLARD, ALUMINUM	70809				EA	BOLLARD ALUM
	BOLLARD, ALUMINUM	70809M				EA	BOLLARD ALUM
	BOLLARD, STEEL	70807				EA	BOLLARD STL
	BOLLARD, STEEL	70807M				EA	BOLLARD STL
	BOLLARD, STEEL & TIMBER DROP	70806				EA	BOLLARD STL TIMBER
D	BOLT. ASTM A 193, GRADE B8P, CLASS 2	67645	14	12	53	LB	BOLT 193 GR B8P CL2
D	BOLT, AASHTO M164M, ROUND HEAD, TORQUE TWIST OFF, GALV	67657M	14	12		EA	BOLT M164M RNTORQ GV
D	BOLT, ANCHOR, (STD.SPEC.)	67638	14	12		PC	BOLT AN STDSPC
D	BOLT, ANCHOR, (STD.SPEC.)	67638M	14	12		EA	BOLT AN STDSPC
D	BOLT, ANCHOR, AASHTO M-222	67603	14	12		PC	BOLT AN AASHTO M222
D	BOLT, ANCHOR, AASHTO M164M	67642M	14	12		EA	BOLT ANCHOR M164M
D	BOLT, ANCHOR, AASHTO M164M, EPOXY COATED	67656M	14	12		EA	BOLT ANC M164M EPOXY
D	BOLT, ANCHOR, AASHTO M222M	67603M	14	12		EA	BOLT AN AASHTO M222M
D	BOLT, ANCHOR, ASTM A354, GRADE BC	67661	14	12		PC	BOLT ANCR A354 BR BC
D	BOLT, ANCHOR, ASTM A354, GRADE BC	67661M	14	12		EA	BOLT ANCR A354 BR BC
	BOLT, ANCHOR, ASTM A449	67652	14	12		PC	BOLT AN ASTM A449
	BOLT, ANCHOR, ASTM A449	67652M	14	12		EA	BOLT AN ASTM A449
D	BOLT, ANCHOR, ASTM A687	67651	14			PC	BOLT AN ASTM A687
D	BOLT, ANCHOR, ASTM A687	67651M	14			EA	BOLT AN ASTM A687
	BOLT, ANCHOR, ASTM F-1554, GR-105	67666	14	12		PC	BOLT ANCR GR-105
	BOLT, ANCHOR, ASTM F-1554, GR-105	67666M	14	12		EA	BOLT ANCR GR-105
	BOLT, ANCHOR, ASTM F-1554, GR-36	67664	14	12		PC	BOLT ANCR GR-36
	BOLT, ANCHOR, ASTM F-1554, GR-36	67664M	14	12		EA	BOLT ANCR GR-36

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOLT, ANCHOR, ASTM F-1554, GR-55	67665	14	12		PC	BOLT ANCR GR-55
	BOLT, ANCHOR, ASTM F-1554, GR-55	67665M	14	12		EA	BOLT ANCR GR-55
D	BOLT, ANCHOR, A325	67642	14	12		PC	BOLT ANCHOR A325
D	BOLT, ANCHOR, A325, EPOXY COATED	67656	14	12		PC	BOLT ANCR A325 EPOXY
	BOLT, ANCHOR, GALV. (STD. SPEC.)	67601	14	12		PC	BOLT AN GALV STDSPC
	BOLT, ANCHOR, GALV. (STD. SPEC.)	67601M	14	12		EA	BOLT AN GALV STDSPC
D	BOLT, ANCHOR, ILL COIL LOCK	67648	14	12		PC	BOLT AN IL COIL LOCK
D	BOLT, ANCHOR, ILL COIL LOCK	67648M	14	12		EA	BOLT AN IL COIL LOCK
	BOLT, ANCHOR, J HOOK, EXPANSION (STD. SPEC.)	67602	14	12		PC	BOLT AN J-HOOK
	BOLT, ANCHOR, J HOOK, EXPANSION (STD. SPEC.)	67602M	14	12		EA	BOLT AN J-HOOK
D	BOLT, ANCHOR, POLYESTER VIAL	67646	14	12		PC	BOLT ANCHOR POLYVIAL
D	BOLT, ANCHOR, POLYESTER VIAL	67646M	14	12		EA	BOLT ANCHOR POLYVIAL
D	BOLT, ANCHOR, STAINLESS	67604	14	12		PC	BOLT AN STAINLESS
D	BOLT, ANCHOR, STAINLESS	67604M	14	12		EA	BOLT AN STAINLESS
D	BOLT, ANCHOR, W-BAR	67637	14	12		PC	BOLT AN W-BAR
D	BOLT, ANCHOR, W-BAR	67637M	14	12		EA	BOLT AN W-BAR
D	BOLT, ASSEMBLY, SWAGED AASHTO M164M, TYPE 1 OR 2 GALV	67653M	14	12		EA	BOLT ASM M164M 1-2GV
D	BOLT, ASSEMBLY, SWAGED AASHTO M253M, GALV	67654M	14	12		EA	BOLT ASSEM M253M GV
D	BOLT, ASSEMBLY, SWAGED ASTM A325 TYPE 1 OR 2	65508	14	12		LB	BOLT ASSEM A325 1-2
D	BOLT, ASSEMBLY, SWAGED ASTM A325, TYPE 1 OR 2 GALV	67653	14	12		PC	BOLT ASSEM 325 1-2GV
D	BOLT, ASSEMBLY, SWAGED ASTM A490	65509	14	12		LB	BOLT ASSEM A490
D	BOLT, ASSEMBLY, SWAGED ASTM A490, GALV	67654	14	12		PC	BOLT ASSEM 490 GV
	BOLT, ASTM A 193 GRADE B7 GALV	67670	14	12		EA	BOLT A193 GR B7 GV
	BOLT, ASTM A 193 GRADE B7 GALV	67670M	14	12		EA	BOLT A193 GR B7 GV

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOLT, ASTM A 193, GRADE B8, CLASS 1	67608	14	12	53	LB	BOLT 193 GR B8 CL 1
D	BOLT, ASTM A 193, GRADE B8, CLASS 2	67609	14	12	53	LB	BOLT 193 GR B8 CL 2
D	BOLT, ASTM A 193, GRADE B8M, CLASS 1	67610	14	12	53	LB	BOLT 193 GR B8M CL1
D	BOLT, ASTM A 193, GRADE B8M, CLASS 2	67611	14	12	53	LB	BOLT 193 GR B8M CL2
	BOLT, ASTM A 307 GRADE A OR B	67612	14	12	53	LB	BOLT 307 GR A-B
	BOLT, ASTM A 307 GRADE A OR B GALV.	67614	14	12	53	LB	BOLT 307 GR A-B GV
D	BOLT, ASTM A 307 GRADE A OR B, CADMIUM PLATED	67634	14	12	53	PC	BOLT 307 GR A-B CDPL
D	BOLT, ASTM A 307 GRADE A OR B, CADMIUM PLATED	67634M	14	12	53	EA	BOLT 307 GR A-B CDPL
D	BOLT, ASTM A 307 GRADE B ONLY	67613	14	12	53	LB	BOLT 307 GR B ONLY
D	BOLT, ASTM A 307 GRADE B ONLY GALV.	67615	14	12	53	LB	BOLT 307 GR B GV
D	BOLT, ASTM A 307 GRADE B, CADMIUM PLATED	67635	14	12	53	PC	BOLT 307 GR B CDPL
D	BOLT, ASTM A 307 GRADE B, CADMIUM PLATED	67635M	14	12	53	EA	BOLT 307 GR B CDPL
	BOLT, ASTM A 325 TYPE 1 OR 2 GALV.	67616	14	12		LB	BOLT 325 TY 1-2 GV
	BOLT, ASTM A 325, TYPE 1	65501	14	12		LB	BOLT ASTM A325 TY 1
	BOLT, ASTM A 325, TYPE 1	65501M	14	12		EA	BOLT ASTM A325 TY1
D	BOLT, ASTM A 325, TYPE 2	65502	14	12		LB	BOLT ASTM A325 TY 2
	BOLT, ASTM A 325, TYPE 3	65503	14	12		LB	BOLT ASTM A325 TY 3
D	BOLT, ASTM A 325, TYPE 3, GALV	67650	14	12		LB	BOLT ASTMA325TY3GALV
D	BOLT, ASTM A 394 TYPE 0 GALV	67671	14	12		EA	BOLT A394 TY-0 GV
	BOLT, ASTM A 449	67617	14	12		LB	BOLT 449
	BOLT, ASTM A 449 GALV.	67618	14	12		LB	BOLT 449 GALV
	BOLT, ASTM A 490	67619	14	12		LB	BOLT A 490
D	BOLT, ASTM A 490 GALV.	67620	14	12		LB	BOLT A 490 GALV
	BOLT, ASTM A325, TYPE 1 OR 2, SLOTTED COUNTER SUNK, GALV	67667	14	12		EA	BOLT A325 CNTRSK GV

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOLT, ASTM A325, TYPE 1 OR 2, SLOTTED COUNTER SUNK, GALV	67667M	14	12		EA	BOLT A325 CNTRSK GV
D	BOLT, ASTM A325, TYPE 1 TORQUE	65505	14	12		LB	BOLT A325 TY1 TORQ
D	BOLT, ASTM A325, TYPE 3, SLOTTED COUNTER SUNK HEAD	67662	14	12		PC	BOLT A325 CONTR SUNK
D	BOLT, ASTM A325, TYPE 3, SLOTTED COUNTER SUNK HEAD	67662M	14	12		EA	BOLT A325 CONTR SUNK
D	BOLT, ASTM A354, GRADE BD (GRADE 8), GALV	67668M	14	12		EA	BOLT A354 GR BD GV
D	BOLT, ASTM A354, GRADE BD (GRADE 8), GLAV	67668	14	12		EA	BOLT 354 GR BD GV
D	BOLT, ASTM A394, TYPE 0 GALV	67671M	14	12		EA	BOLT A394 TY-0 GV
	BOLT, ASTM A449, TYPE 1, COUNTER SUNK HEAD	67672	14	12		PC	BOLT A449 CONTR SUNK
	BOLT, ASTM A449, TYPE 1, COUNTER SUNK HEAD	67672M	14	12		EA	BOLT A449 CONTR SUNK
	BOLT, ASTM A449, TYPE 3, SLOTTED COUNTER SUNK HEAD	67663	14	12		PC	BOLT A449 CONTR SUNK
	BOLT, ASTM A449, TYPE 3, SLOTTED COUNTER SUNK HEAD	67663M	14	12		EA	BOLT A449 CONTR SUNK
D	BOLT, ASTM A490, TYPE 3	67673	14	12		LB	BOLT A 490 TY 3
D	BOLT, ASTM A490, TYPE 3	67673M	14	12		EA	BOLT A 490 TY 3
D	BOLT, A325, ROUND HEAD, TORQUE TWIST OFF, GALV	67657	14	12		PC	BOLT A325 RNDTORQ GV
D	BOLT, BOM	67641	14			PC	BOLT BOM
D	BOLT, BOM	67641M	14			EA	BOLT BOM
	BOLT, CARRIAGE, GALVANIZED	67629	14			PC	BOLT CARRIAGE
	BOLT, CARRIAGE, GALVANIZED	67629M	14			EA	BOLT CARRIAGE
D	BOLT, EYELET, GALV.	67644	14			PC	BOLT EYELET GALV
D	BOLT, EYELET, GALV.	67644M	14			EA	BOLT EYELET GALV
D	BOLT, HEX HEAD, ALUMINUM	77601	14	12		LB	BOLT HEX HEAD AL
D	BOLT, HEX HEAD, ALUMINUM	77601M	14	12		KG	BOLT HEX HEAD AL
D	BOLT, HEX HEAD, STEEL GALVANIZED	67643	14	12		PC	BOLT HEX HEAD ST GAV
D	BOLT, HEX HEAD, STEEL GALVANIZED	67643M	14	12		EA	BOLT HEX HEAD ST GAV

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOLT, LAG, A307	67669				EA	BOLT LAG A307
	BOLT, LAG, A307	67669M				EA	BOLT LAG A307
	BOLT, LAG, STAINLESS STEEL	67675	14	12		PC	BOLT LAG STAINLESS
	BOLT, LAG, STAINLESS STEEL	67675M	14	12		EA	BOLT LAG STAINLESS
	BOLT, PLOW, ASTM A 354 GRADE BD	67636	14	12	59	PC	BOLT PLOW 354 GR BD
	BOLT, PLOW, ASTM A 354 GRADE BD	67636M	14	12	59	EA	BOLT PLOW 354 GR BD
D	BOLT, ROUND HEAD, ALUMINUM	77602	14			LB	BOLT ROUND HEAD AL
D	BOLT, ROUND HEAD, ALUMINUM	77602M	14			KG	BOLT ROUND HEAD AL
	BOLT, ROUND HEAD, GALVANIZED	67631	14			PC	BOLT RND HD
	BOLT, ROUND HEAD, GALVANIZED	67631M	14			EA	BOLT RND HD
D	BOLT, ROUND SLOTTED HEAD, A 307	67625	14			LB	BOLT RND SLOT HD A307
	BOLT, ROUND SLOTTED HEAD, A 307 GALVANIZED	67627	14			PC	BOLT RND SLOT HD307GV
	BOLT, ROUND SLOTTED HEAD, A 307 GALVANIZED	67627M	14			EA	BOLT RND SLOT HD307GV
	BOLT, STAINLESS STEEL	67640	14	12		PC	BOLT STAINLESS STEEL
	BOLT, STAINLESS STEEL	67640M	14	12		EA	BOLT STAINLESS STEEL
D	BOLT, SWEDGE, AASHTO M-222	67606	14	12		PC	BOLT SWD M222
D	BOLT, SWEDGE, AASHTO M222M	67606M	14	12		EA	BOLT SWD M222M
D	BOLT, SWEDGE, STAINLESS	67607	14	12		PC	BOLT SWD STAINLESS
D	BOLT, SWEDGE, STAINLESS	67607M	14	12		EA	BOLT SWD STAINLESS
D	BOLT, SWEDGE, STD. SPEC.	67605	14	12		PC	BOLT SWD STD SPC
D	BOLT, SWEDGE, STD. SPEC.	67605M	14	12		EA	BOLT SWD STD SPC
D	BOLT, T-HEAD	67628	14			PC	BOLT T-HEAD
D	BOLT, T-HEAD	67628M	14			EA	BOLT T-HEAD
D	BOLT, TRACK, AREA	67633	14	12		PC	BOLT TRACK AREA

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BOLT, TRACK, AREA	67633M	14	12		EA	BOLT TRACK AREA
	BOLT, U, GALV. STEEL	67622	14	12	13	LB	BOLT U GALV STL
	BOLT, U, STAINLESS STEEL	67621	14	12	13	LB	BOLT U SSTL
	BOLT, U, STAINLESS STEEL	67621M				EA	BOLT U SSTL
	BOLT,ASTM A325, TYPE 1, ROUND HEAD, TORQUE TWIST OFF	65507	14	12		LB	BOLT A325 RND TORQ
	BOLT,ASTM A325, TYPE 1, ROUND HEAD, TORQUE TWIST OFF	65507M	14	12		EA	BOLT A325 RND TORQ
D	BOLT,ASTM A325,TYPE 1 OR 2,SLOTTED COUNTER SUNK	65510	14	12		EA	BOLT A325 CNTRSU
D	BOLT,ASTM A325,TYPE 1 OR 2,SLOTTED COUNTER SUNK	65510M	14	12		EA	BOLT A325 CNTRSU
D	BORDERS	61317	16	13		LINFT	BORDERS
D	BORDERS	61317M	16	13		METER	BORDERS
	BOTTOMS, PRECAST	25205	14		16	EA	BOTTOMS PRECAST
	BOTTOMS, PRECAST	25205M	14		16	EA	BOTTOMS PRECAST
	BOTTOMS, PRECAST RECTANGULAR	25215	6	27	16	EA	BOTTOMS PCAST RECT
	BOTTOMS, PRECAST RECTANGULAR	25215M	6	27	16	EA	BOTTOMS PCAST RECT
	BOX CULVERT, ALUMINUM	52801	26	19		LINFT	BOX CULVERT ALUM
	BOX CULVERT, ALUMINUM	52801M	26	19		METER	BOX CULVERT ALUM
	BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 1	48231	87			LINFT	BOX SEC RECON M259-1
	BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 2	48232	87			LINFT	BOX SEC RECON M259-2
	BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 3	48233	87			LINFT	BOX SEC RECON M259-3
	BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 1	48231M	87			METER	BOX SEC RECON M259M1
	BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 2	48232M	87			METER	BOX SEC RECON M259M2
	BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 3	48233M	87			METER	BOX SEC RECON M259M3
	BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 1	48211	11	13		LINFT	BOX SEC RECON M273-1
	BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 2	48212	11	13		LINFT	BOX SEC RECON M273-2

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOX SECTION, REINFORCED CONCRETE AASHTO M273M TABLE 2	48212M	11	13		METER	BOX SEC RECON M273M2
	BOX SECTION, REINFORCED CONCRETE AASHTO M273MTABLE 1	48211M	11	13		METER	BOX SEC RECON M273M1
	BOX SECTION, REINFORCED CONCRETE ASTM C 1577 TABLE 1	48261	13	11		LINFT	BOX SEC RECN C1577-1
	BOX SECTION, REINFORCED CONCRETE ASTM C 1577 TABLE 1	48261M	13	11		METER	BOX SEC RECN C1577-1
	BOX SECTION, REINFORCED CONCRETE LRFD	48264	13	11		LINFT	BOX SEC RECON LRFD
	BOX SECTION, REINFORCED CONCRETE LRFD	48264M	13	11		METER	BOX SEC RECON LRFD
	BOX SECTION, REINFORCED CONCRETE, SPECIAL	48299	87			LINFT	BOX SEC RECON SPEC
	BOX SECTION, REINFORCED CONCRETE, SPECIAL	48299M	87			METER	BOX SEC RECON SPEC
D	BOX SECTION, REINFORCED, CONCRETE CLASS I	48201	13X11	29		LINFT	BOX SEC CLI RECONC
D	BOX SECTION, REINFORCED, CONCRETE CLASS II	48202	13X11	29		LINFT	BOX SEC CLII RECONC
D	BOX SECTION, REINFORCED, CONCRETE CLASS III	48203	13X11	29		LINFT	BOX SEC CLIII RECONC
D	BRACE, HORIZONTAL, CHAIN LINK (PIPE) ALUMINIZED STEEL	58012				LINFT	BRACE H CHLF ALST P
D	BRACE, HORIZONTAL, CHAIN LINK (PIPE) ALUMINIZED STEEL	58012M				METER	BRACE H CHLF ALST P
D	BRACE, HORIZONTAL, CHAIN LINK (PIPE) ALUMINUM	58001				LINFT	BRACE H CHLF AL P
D	BRACE, HORIZONTAL, CHAIN LINK (ROLL FORM) ALUMINUM	58003				LINFT	BRACE H CHLF RF AL
D	BRACE, HORIZONTAL, CHAIN LINK (STRUCTURAL SHAPE) ALUMINUM	58002				LINFT	BRACE H CHLF AL STSH
	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (PIPE)	58004				LINFT	BRACE H CHLF GV P
	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (PIPE)	58004M				METER	BRACE H CHLF GV P
	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (PIPE) TYPE B	58013	34	24		LINFT	BRACE H CHLF GV P TB
	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (PIPE) TYPE B	58013M	34	24		METER	BRACE H CHLF GV P TB
D	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (ROLL FORM)	58006				LINFT	BRACE H CHLF RF GV
D	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (ROLL FORM)	58006M				METER	BRACE H CHLF RF GV
D	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (STRUCTURAL SHAPE)	58005				LINFT	BRACE H CHLF GV STSH
D	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (STRUCTURAL SHAPE)	58005M				METER	BRACE H CHLF GV STSH

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK STEEL	58011	34	24		LINFT	BRACE H CHLF VCGV P
	BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK STEEL	58011M	34	24		METER	BRACE H CHLF VCGV P
D	BRACE, WOOD WOVEN WIRE	58010				LINFT	BRACE WOOD WW
D	BRACE, WOOD WOVEN WIRE	58010M				METER	BRACE WOOD WW
D	BRACE, WOVEN WIRE (ANGLE)	58008				LINFT	BRACE WW ANGLE
D	BRACE, WOVEN WIRE (ANGLE)	58008M				METER	BRACE WW ANGLE
D	BRACE, WOVEN WIRE (PIPE)	58007	34	24		LINFT	BRACE WW PIPE
D	BRACE, WOVEN WIRE (PIPE)	58007M	34	24		METER	BRACE WW PIPE
	BRACE, WOVEN WIRE (PIPE) TYPE B	58014	34	24		LINFT	BRACE WW PIPE TB
	BRACE, WOVEN WIRE (PIPE) TYPE B	58014M	34	24		METER	BRACE WW PIPE TB
D	BRACE, WOVEN WIRE (STRUCTURAL SHAPE)	58009				LINFT	BRACE WW STSH
D	BRACE, WOVEN WIRE (STRUCTURAL SHAPE)	58009M				METER	BRACE WW STSH
	BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58015	34	24		LINFT	BRACE CHLF VCGV TY B
	BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58015M	34	24		METER	BRACE CHLF VCGV TY B
D	BRACING, EARTH ANCHORS	56602				EA	BRACING ER ANCHORS
D	BRACING, EARTH ANCHORS	56602M				EA	BRACING ER ANCHORS
D	BRACING, STEEL POSTS	56601				EA	BRACING STL POSTS
D	BRACING, STEEL POSTS	56601M				EA	BRACING STL POSTS
D	BRACKET, EXIT PANEL MOUNTING, TYPE B	60905				EA	BRACKET EXPANEL TYB
D	BRACKET, EXIT PANEL MOUNTING, TYPE B	60905M				EA	BRACKET EXPANEL TYB
	BREAKWAY SUPPORTS, LIGHT POLES	33503				EA	BRKAWAY SUPRTS LTPOL
	BREAKWAY SUPPORTS, LIGHT POLES	33503M				EA	BRKAWAY SUPRTS LTPOL
	BRICK, BLDG., CLAY OR SHALE	70403	16	12	13	EA	BRICK BLD CLAY/SHALE
	BRICK, BLDG., CLAY OR SHALE	70403M	16	12	13	EA	BRICK BLD CLAY-SHALE

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BRICK, FACE, CLAY OR SHALE	70401	16	12	13	EA	BRICK FC CLAY/SHALE
	BRICK, FACE, CLAY OR SHALE	70401M	16	12	13	EA	BRICK FC CLAY-SHALE
	BRICK, PAVING, CLAY OR SHALE	70405	16	12	13	EA	BRICK PAV CLAY-SHALE
	BRICK, PAVING, CLAY OR SHALE	70405M	16	12	13	EA	BRICK PAV CLAY-SHALE
	BRICK, SEWER, CLAY OR SHALE	70402	16	12	13	EA	BRICK SWR CLAY/SHALE
	BRICK, SEWER, CLAY OR SHALE	70402M	16	12	13	EA	BRICK SWR CLAY-SHALE
	BRICK, SOLID BUILDING	25105	11	12	13	EA	BRICK SOLID BLDG
	BRICK, SOLID BUILDING	25105M	11	12	13	EA	BRICK SOLID BLDG
D	BRIDGE SEAT SEALER, BMPR APPR LIST CARBOCRETE SEALER 700	42712				GAL	BSS CRBOCRTE SLR 700
D	BRIDGE SEAT SEALER, BMPR APPR LIST CARBOCRETE SEALER 700	42712M				LITER	BSS CRBOCRTE SLR 700
D	BRIDGE SEAT SEALER, BMPR APPR LIST CHEM-TRETE BSM40	42717				GAL	BSS CHEM-TRET BSM 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST CHEM-TRETE BSM40	42717M				LITER	BSS CHEM-TRET BSM 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST DEEP CONSV. PDCT. NO.1	42719				GAL	BSS DEPCSRV PDCT NO1
D	BRIDGE SEAT SEALER, BMPR APPR LIST DEEP CONSV. PDCT. NO.1	42719M				LITER	BSS DEPCSRY PDCT NO1
D	BRIDGE SEAT SEALER, BMPR APPR LIST HORSEYSET WDE	42722				GAL	BSS HORSEYSET WDE
D	BRIDGE SEAT SEALER, BMPR APPR LIST HORSEYSET WDE	42722M				LITER	BSS HORSEYSET WDE
D	BRIDGE SEAT SEALER, BMPR APPR LIST HYDROZO ENVIROSEAL 40	42716				GAL	BSS HYDRZ ENVROSL 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST HYDROZO ENVIROSEAL 40	42716M				LITER	BSS HYDRZ ENVROSL 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST PENTANE	42718				GAL	BSS PENTANE
D	BRIDGE SEAT SEALER, BMPR APPR LIST PENTANE	42718M				LITER	BSS PENTANE
D	BRIDGE SEAT SEALER, BMPR APPR LIST PROTECRETE	42711				GAL	BSS PROTECRETE
D	BRIDGE SEAT SEALER, BMPR APPR LIST PROTECRETE	42711M				LITER	BSS PROTECRETE
D	BRIDGE SEAT SEALER, BMPR APPR LIST SIL-ACT MULTIGARD	42714				GAL	BSS SIL-ACT MULTGARD
D	BRIDGE SEAT SEALER, BMPR APPR LIST SIL-ACT MULTIGARD	42714M				LITER	BSS SIL-ACT MULTGARD

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BRIDGE SEAT SEALER, BMPR APPR LIST SONNEBORN PENETRTRG SLR 40	42713				GAL	BSS SNBN PNTG SLR 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST SONNEBORN PENETRTRG SLR 40	42713M				LITER	BSS SNBN PNTG SLR 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST TRI-SILANE TK-590	42720				GAL	BSS TRI-SILAN TK-590
D	BRIDGE SEAT SEALER, BMPR APPR LIST TRI-SILANE TK-590	42720M				LITER	BSS TRI-SILAN TK-590
D	BRIDGE SEAT SEALER, BMPR APPR LIST TRI-SILOXANE TK-290	42721				GAL	BSS TRI-SILOX TK-290
D	BRIDGE SEAT SEALER, BMPR APPR LIST TRI-SILOXANE TK-290	42721M				LITER	BSS TRI-SILOX TK-290
D	BRIDGE SEAT SEALER, BMPR APPR LIST WEATHER WORKER S-40	42715				GAL	BSS WETHR WORKR S-40
D	BRIDGE SEAT SEALER, BMPR APPR LIST WEATHER WORKER S-40	42715M				LITER	BSS WETHR WORKR S-40
D	BRIDGE SEAT SEALER, BMPR APPR LIST, BARACADE SILOXANE 16	42723				GAL	BSS BRCADE SILOX 16
D	BRIDGE SEAT SEALER, BMPR APPR LIST, BARACADE SILOXANE 16	42723M				LITER	BSS BRCADE SILOX 16
D	BRIDGE SEAT SEALER, BMPR APPR LIST, TK290WB	42724				GAL	BSS TK290WB
D	BRIDGE SEAT SEALER, BMPR APPR LIST, TK290WB	42724M				LITER	BSS TK290WB
D	BRIDGE SEAT SEALER, EPOXY PLYSULFIDE, ART 726.02	42710				GAL	BSS EPOXYPOLYSULFIDE
D	BRIDGE SEAT SEALER, EPOXY POLYSULFIDE, ART 726.02	42710M				LITER	BSS EPOXYPOLYSULFIDE
D	BRIDGE SEAT SEALER, PENETRATING	472725				GAL	BSS PENETRATING
	BRIDGE SECTION, TRI-SIDED, REINFORCED CONCRETE	48401	84	7		LINFT	BRDG SEC 3SIDE RCONC
	BRIDGE SECTION, TRI-SIDED, REINFORCED CONCRETE	48401M	84	7		METER	BRDG SEC 3SIDE RCONC
	BRIDGE, PREFABRICATED STEEL, PEDESTRIAN	68703				EA	BRIDGE PF STEEL PED
	BRIDGE, PREFABRICATED STEEL, PEDESTRIAN	68703M				EA	BRIDGE PF STEEL PED
D	BRIDGE, PREFABRICATED WOOD, PEDESTRIAN	35001				EA	BRIDGE PF WOOD PED
D	BRIDGE, PREFABRICATED WOOD, PEDESTRIAN	35001M				EA	BRIDGE PF WOOD PED
D	BRUSH KILLER, AMINE-2,4,5-T (M 40)	80301				GAL	BRUSH KILL A2,4,5T
D	BRUSH KILLER, ESTER-2,4,5-T (M 24)	80302				GAL	BRUSH KILL E2,4,5T
D	CABLE ELECTRICAL TWISTED SHIELD ALUMINUM	30255	20			LINFT	CABLE EL AL TWSTSLD

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CABLE ELECTRICAL TWISTED SHIELD ALUMINUM	30255M	20			METER	CABLE EL AL TWSTSLD
	CABLE, AIRCRAFT, CLEAR VINYL COATED	68607				LINFT	CABLE AIRCRAFT CVCT
	CABLE, AIRCRAFT, CLEAR VINYL COATED	68607M				METER	CABLE AIRCRAFT CVCT
	CABLE, COAXIAL	31505				LINFT	CABLE COAXIAL
	CABLE, COAXIAL	31505M				METER	CABLE COAXIAL
D	CABLE, ELECTRICAL AERIAL SUSPENDED 1/C ALUMINUM	30401	21	20		LINFT	CABLE EL ASU AL 1C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 10/C ALUMINUM	30410	21	20		LINFT	CABLE EL ASU AL 10C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 11/C ALUMINUM	30411	21	20		LINFT	CABLE EL ASU AL 11C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 12/C ALUMINUM	30412	21	20		LINFT	CABLE EL ASU AL 12C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 13/C ALUMINUM	30413	21	20		LINFT	CABLE EL ASU AL 13C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 14/C ALUMINUM	30414	21	20		LINFT	CABLE EL ASU AL 14C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 2/C ALUMINUM	30402	21	20		LINFT	CABLE EL ASU AL 2C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 3/C ALUMINUM	30403	21	20		LINFT	CABLE EL ASU AL 3C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 4/C ALUMINUM	30404	21	20		LINFT	CABLE EL ASU AL 4C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 5/C ALUMINUM	30405	21	20		LINFT	CABLE EL ASU AL 5C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 6/C ALUMINUM	30406	21	20		LINFT	CABLE EL ASU AL 6C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 7/C ALUMINUM	30407	21	20		LINFT	CABLE EL ASU AL 7C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 8/C ALUMINUM	30408	21	20		LINFT	CABLE EL ASU AL 8C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 9/C ALUMINUM	30409	21	20		LINFT	CABLE EL ASU AL 9C
D	CABLE, ELECTRICAL ALUMINUM (PAIRS)	30215	20	21	57	LINFT	CABLE EL SLUM PAIRS
D	CABLE, ELECTRICAL ALUMINUM (PAIRS)	30215M	20	21	57	METER	CABLE EL SLUM PAIRS
	CABLE, ELECTRICAL COPPER (PAIRS)	30115	20	21	57	LINFT	CABLE EL CU PAIRS
	CABLE, ELECTRICAL COPPER (PAIRS)	30115M	20	21	57	METER	CABLE EL CU PAIRS
	CABLE, ELECTRICAL TWISTED SHIELD COPPER	30155	20			LINFT	CABLE EL CU TWSTSLD

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CABLE, ELECTRICAL TWISTED SHIELD COPPER	30155M	20			METER	CABLE EL CU TWSTSLD
D	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYA	30170	20	21		LINFT	CABLE ELU 1C L824TYA
D	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYA	30170M	20	21		METER	CABLE ELU 1C L824TYA
	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYB	30172	20	21		LINFT	CABLE ELU 1C L824TYB
	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYB	30172M	20	21		METER	CABLE ELU 1C L824TYB
	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYC	30174	20	21		LINFT	CABLE ELU 1C L824TYC
	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYC	30174M	20	21		METER	CABLE ELU 1C L824TYC
D	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYA	30171	20	21		LINFT	CABLE ELU 2C L824TYA
D	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYA	30171M	20	21		METER	CABLE ELU 2C L824TYA
	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYB	30173	20	21		LINFT	CABLE ELU 2C L824TYB
	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYB	30173M	20	21		METER	CABLE ELU 2C L824TYB
	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYC	30175	20	21		LINFT	CABLE ELU 2C L824TYC
	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYC	30175M	20	21		METER	CABLE ELU 2C L824TYC
	CABLE, ELECTRICAL UNDERGROUND 3/C L-824TYC	30176	20	21		LINFT	CABLE ELU 3C L824TYC
	CABLE, ELECTRICAL UNDERGROUND 3/C L-824TYC	30176M	20	21		METER	CABLE ELU 3C L824TYC
	CABLE, ELECTRICAL 1/C ALUMINUM	30201	20	21		LINFT	CABLE EL AL 1C
	CABLE, ELECTRICAL 1/C ALUMINUM	30201M	20	21		METER	CABLE EL AL 1C
	CABLE, ELECTRICAL 1/C COPPER	30101	20	21		LINFT	CABLE EL CU 1C
	CABLE, ELECTRICAL 1/C COPPER	30101M	20	21		METER	CABLE EL CU 1C
D	CABLE, ELECTRICAL 10/C ALUMINUM	30210	20	21		LINFT	CABLE EL AL 10C
D	CABLE, ELECTRICAL 10/C ALUMINUM	30210M	20	21		METER	CABLE EL AL 10C
	CABLE, ELECTRICAL 10/C COPPER	30110	20	21		LINFT	CABLE EL CU 10C
	CABLE, ELECTRICAL 10/C COPPER	30110M	20	21		METER	CABLE EL CU 10C
D	CABLE, ELECTRICAL 100/C COPPER	30100	20	21		LINFT	CABLE EL CU 100C

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CABLE, ELECTRICAL 100/C COPPER	30100M	20	21		METER	CABLE EL CU 100C
D	CABLE, ELECTRICAL 11/C ALUMINUM	30211	20	21		LINFT	CABLE EL AL 11C
D	CABLE, ELECTRICAL 11/C ALUMINUM	30211M	20	21		METER	CABLE EL AL 11C
D	CABLE, ELECTRICAL 11/C COPPER	30111	20	21		LINFT	CABLE EL CU 11C
D	CABLE, ELECTRICAL 11/C COPPER	30111M	20	21		METER	CABLE EL CU 11C
D	CABLE, ELECTRICAL 12/C ALUMINUM	30212	20	21		LINFT	CABLE EL AL 12C
D	CABLE, ELECTRICAL 12/C ALUMINUM	30212M	20	21		METER	CABLE EL AL 12C
	CABLE, ELECTRICAL 12/C COPPER	30112	20	21		LINFT	CABLE EL CU 12C
	CABLE, ELECTRICAL 12/C COPPER	30112M	20	21		METER	CABLE EL CU 12C
D	CABLE, ELECTRICAL 13/C ALUMINUM	30213	20	21		LINFT	CABLE EL AL 13C
D	CABLE, ELECTRICAL 13/C ALUMINUM	30213M	20	21		METER	CABLE EL AL 13C
D	CABLE, ELECTRICAL 13/C COPPER	30113	20	21		LINFT	CABLE EL CU 13C
D	CABLE, ELECTRICAL 13/C COPPER	30113M	20	21		METER	CABLE EL CU 13C
D	CABLE, ELECTRICAL 14/C ALUMINUM	30214	20	21		LINFT	CABLE EL AL 14C
D	CABLE, ELECTRICAL 14/C ALUMINUM	30214M	20	21		METER	CABLE EL AL 14C
D	CABLE, ELECTRICAL 14/C COPPER	30114	20	21		LINFT	CABLE EL CU 14C
D	CABLE, ELECTRICAL 14/C COPPER	30114M	20	21		METER	CABLE EL CU 14C
D	CABLE, ELECTRICAL 15/C COPPER	30116	20	21		LINFT	CABLE EL CU 15C
D	CABLE, ELECTRICAL 15/C COPPER	30116M	20	21		METER	CABLE EL CU 15C
	CABLE, ELECTRICAL 16/C COPPER	30125	20	21		LINFT	CABLE EL CU 16C
	CABLE, ELECTRICAL 16/C COPPER	30125M	20	21		METER	CABLE EL CU 16C
	CABLE, ELECTRICAL 18/C COPPER	30118	20	21		LINFT	CABLE EL CU 18C
	CABLE, ELECTRICAL 18/C COPPER	30118M	20	21		METER	CABLE EL CU 18C
	CABLE, ELECTRICAL 19/C COPPER	30119	20	21		LINFT	CABLE EL CU 19C

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CABLE, ELECTRICAL 19/C COPPER	30119M	20	21		METER	CABLE EL CU 19C
	CABLE, ELECTRICAL 2/C ALUMINUM	30202	20	21		LINFT	CABLE EL AL 2C
	CABLE, ELECTRICAL 2/C ALUMINUM	30202M	20	21		METER	CABLE EL AL 2C
	CABLE, ELECTRICAL 2/C COPPER	30102	20	21		LINFT	CABLE EL CU 2C
	CABLE, ELECTRICAL 2/C COPPER	30102M	20	21		METER	CABLE EL CU 2C
D	CABLE, ELECTRICAL 20/C COPPER	30120	20	21		LINFT	CABLE EL CU 20C
D	CABLE, ELECTRICAL 20/C COPPER	30120M	20	21		METER	CABLE EL CU 20C
D	CABLE, ELECTRICAL 25/C COPPER	30126	20	21		LINFT	CABLE EL CU 25C
D	CABLE, ELECTRICAL 25/C COPPER	30126M	20	21		METER	CABLE EL CU 25C
	CABLE, ELECTRICAL 3/C ALUMINUM	30203	20	21		LINFT	CABLE EL AL 3C
	CABLE, ELECTRICAL 3/C ALUMINUM	30203M	20	21		METER	CABLE EL AL 3C
	CABLE, ELECTRICAL 3/C COPPER	30103	20	21		LINFT	CABLE EL CU 3C
	CABLE, ELECTRICAL 3/C COPPER	30103M	20	21		METER	CABLE EL CU 3C
D	CABLE, ELECTRICAL 30/C COPPER	30130	20	21		LINFT	CABLE EL CU 30C
D	CABLE, ELECTRICAL 30/C COPPER	30130M	20	21		METER	CABLE EL CU 30C
D	CABLE, ELECTRICAL 37/C COPPER	30137	20	21		LINFT	CABLE EL CU 37C
D	CABLE, ELECTRICAL 37/C COPPER	30137M	20	21		METER	CABLE EL CU 37C
	CABLE, ELECTRICAL 4/C ALUMINUM	30204	20	21		LINFT	CABLE EL AL 4C
	CABLE, ELECTRICAL 4/C ALUMINUM	30204M	20	21		METER	CABLE EL AL 4C
	CABLE, ELECTRICAL 4/C COPPER	30104	20	21		LINFT	CABLE EL CU 4C
	CABLE, ELECTRICAL 4/C COPPER	30104M	20	21		METER	CABLE EL CU 4C
D	CABLE, ELECTRICAL 5/C ALUMINUM	30205	20	21		LINFT	CABLE EL AL 5C
D	CABLE, ELECTRICAL 5/C ALUMINUM	30205M	20	21		METER	CABLE EL AL 5C
	CABLE, ELECTRICAL 5/C COPPER	30105	20	21		LINFT	CABLE EL CU 5C

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CABLE, ELECTRICAL 5/C COPPER	30105M	20	21		METER	CABLE EL CU 5C
D	CABLE, ELECTRICAL 50/C COPPER	30150	20	21		LINFT	CABLE EL CU 50C
D	CABLE, ELECTRICAL 50/C COPPER	30150M	20	21		METER	CABLE EL CU 50C
D	CABLE, ELECTRICAL 51/C COPPER	30151	20	21		LINFT	CABLE EL CU 51C
D	CABLE, ELECTRICAL 51/C COPPER	30151M	20	21		METER	CABLE EL CU 51C
D	CABLE, ELECTRICAL 6/C ALUMINUM	30206	20	21		LINFT	CABLE EL AL 6C
D	CABLE, ELECTRICAL 6/C ALUMINUM	30206M	20	21		METER	CABLE EL AL 6C
	CABLE, ELECTRICAL 6/C COPPER	30106	20	21		LINFT	CABLE EL CU 6C
	CABLE, ELECTRICAL 6/C COPPER	30106M	20	21		METER	CABLE EL CU 6C
D	CABLE, ELECTRICAL 7/C ALUMINUM	30207	20	21		LINFT	CABLE EL AL 7C
D	CABLE, ELECTRICAL 7/C ALUMINUM	30207M	20	21		METER	CABLE EL AL 7C
	CABLE, ELECTRICAL 7/C COPPER	30107	20	21		LINFT	CABLE EL CU 7C
	CABLE, ELECTRICAL 7/C COPPER	30107M	20	21		METER	CABLE EL CU 7C
D	CABLE, ELECTRICAL 8/C ALUMINUM	30208	20	21		LINFT	CABLE EL AL 8C
D	CABLE, ELECTRICAL 8/C ALUMINUM	30208M	20	21		METER	CABLE EL AL 8C
	CABLE, ELECTRICAL 8/C COPPER	30108	20	21		LINFT	CABLE EL CU 8C
	CABLE, ELECTRICAL 8/C COPPER	30108M	20	21		METER	CABLE EL CU 8C
D	CABLE, ELECTRICAL 9/C ALUMINUM	30209	20	21		LINFT	CABLE EL AL 9C
D	CABLE, ELECTRICAL 9/C ALUMINUM	30209M	20	21		METER	CABLE EL AL 9C
	CABLE, ELECTRICAL 9/C COPPER	30109	20	21		LINFT	CABLE EL CU 9C
	CABLE, ELECTRICAL 9/C COPPER	30109M	20	21		METER	CABLE EL CU 9C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 1/C COPPER	30301	20	21		LINFT	CABLE EL ASU CU 1C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 10/C COPPER	30310	20	21		LINFT	CABLE EL ASU CU 10C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 11/C COPPER	30311	20	20		LINFT	CABLE EL ASU CU 11C

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 12/C COPPER	30312	20	20		LINFT	CABLE EL ASU CU 12C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 13/C COPPER	30313	20	20		LINFT	CABLE EL ASU CU 13C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 14/C COPPER	30314	21	20		LINFT	CABLE EL ASU CU 14C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 2/C COPPER	30302	20	21		LINFT	CABLE EL ASU CU 2C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 3/C COPPER	30303	20	21		LINFT	CABLE EL ASU CU 3C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 4/C COPPER	30304	20	21		LINFT	CABLE EL ASU CU 4C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 5/C COPPER	30305	20	21		LINFT	CABLE EL ASU CU 5C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 6/C COPPER	30306	20	21		LINFT	CABLE EL ASU CU 6C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 7/C COPPER	30307	20	21		LINFT	CABLE EL ASU CU 7C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 8/C COPPER	30308	20	21		LINFT	CABLE EL ASU CU 8C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 9/C COPPER	30309	20	21		LINFT	CABLE EL ASU CU 9C
D	CABLE, ELECTRICAL, INTERCONNECT	31502				EA	CABLE EL INTCON
D	CABLE, ELECTRICAL, INTERCONNECT	31503				LINFT	CABLE EL INTCON
D	CABLE, ELECTRICAL, INTERCONNECT	31503M				METER	CABLE EL INTCON
D	CABLE, ELECTRICAL, SPLICE	31501				EA	CABLE EL SPLICE
D	CABLE, ELECTRICAL, SPLICE	31501M				EA	CABLE EL SPLICE
	CABLE, ETHERNET, CATEORY 5	31507				LINFT	CABLE ETHERNET CAT5
	CABLE, ETHERNET, CATEORY 5	31507M				METER	CABLE ETHERNET CAT5
	CABLE, FIBER OPTIC	31504				LINFT	CABLE FIBER OPTIC
	CABLE, FIBER OPTIC	31504M				METER	CABLE FIBER OPTIC
D	CABLE, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55606				EA	CABLE HTCM BAR SYS
D	CABLE, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55606M				EA	CABLE HTCM BAR SYS
	CABLE, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55610				LINFT	CABLE HTCM BAR SYS
	CABLE, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55610M				METER	CABLE HTCM BAR SYS

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CABLE, STAINLESS STEEL	68609				LINFT	CABLE STAINLESS STL
	CABLE, STAINLESS STEEL	68609M				METER	CABLE STAINLESS STL
	CABLE, WIRE ROPE FOR ROAD GUARD	55201				LINFT	CABLE WIRE ROPE
	CABLE, WIRE ROPE FOR ROAD GUARD	55201M				METER	CABLE WIRE ROPE
	CALCIUM CHLORIDE	80401				TONS	CALCIUM CHL
	CALCIUM CHLORIDE	80401M				M TON	CALCIUM CHL
	CALCIUM CHLORIDE (LIQUID)	80403				GAL	CALCIUM CHL LIQUID
	CALCIUM CHLORIDE (LIQUID)	80403M				LITER	CALCIUM CHL LIQUID
D	CALCIUM MAGNESIUM CHLORIDE SOLUTION	80501				TONS	CALCIUM MG CHL SOL
D	CALCIUM MAGNESIUM CHLORIDE SOLUTION	80501M				M TON	CALCIUM MG CHL SOL
	CAM 2, ECONocreTE	21801				CUYD	CAM 2 ECONocreTE
	CAM 2, ECONocreTE	21801M				CU M	CAM 2 ECONocreTE
	CAM 2, FLYASH	21803				CUYD	CAM 2 FLYASH
	CAM 2, FLYASH	21803M				CU M	CAM 2 FLYASH
D	CAPS, GALV. STEEL END	46202	14			EA	CAPS END GALV STEEL
D	CAPS, GALV. STEEL END	46202M	14			EA	CAPS END GALV STEEL
	CAPS, JOINT MECHANICAL	51306	14			EA	CAPS JOINT MECH
	CAPS, JOINT MECHANICAL	51306M	14			EA	CAPS JOINT MECH
	CAPS, PRECAST BRIDGE PIER	25401	11	19	13	EA	CAPS PRECAST BR PIER
	CAPS, PRECAST BRIDGE PIER	25401M	11	19	13	EA	CAPS PRECAST BR PIER
	CASTING, GRAY IRON (TEST SAMPLE)	20501				EA	CASTING, GRAYFE TEST
	CASTING, GRAY IRON (TEST SAMPLE)	20501M				EA	CASTING, GRAYFE TEST
D	CASTINGS, BRONZE	78002				LB	CASTING BRONZE
D	CASTINGS, BRONZE	78002M				KG	CASTING BRONZE

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CASTINGS, STEEL (FOR BRIDGES)	65901				LB	CASTINGS STEEL BR
	CATCH BASINS, COMPLETE	26102	14	6		EA	CATCH BASIN COMPLETE
	CATCH BASINS, COMPLETE	26102M	14	6		EA	CATCH BASIN COMPLETE
	CATCH BASINS, SQUARE, COMPLETE	26104	6	27	18	EA	CATCH BASIN SQ COMP
	CATCH BASINS, SQUARE, COMPLETE	26104M	6	27	18	EA	CATCH BASIN SQ COMP
	CELLULAR CONFINEMENT SYSTEM, PERFORATED, POLYETHYLENE	49832	15	13		SQYD	CELL CONF PERF POLY
	CELLULAR CONFINEMENT SYSTEM, PERFORATED, POLYETHYLENE	49832M	15	13		SQ M	CELL CONF PERF POLY
D	CEMENT STABILIZED SUBBASE DRAINAGE LAYER (MIX)	21804				CUYD	CSSB DRAIN LYR MIX
D	CEMENT STABILIZED SUBBASE DRAINAGE LAYER (MIX)	21804M				CU M	CSSB DRAIN LYR MIX
	CEMENT, CALCIUM ALUMINATE	37902				CWT	CEMENT CALCIUM ALUM
	CEMENT, CALCIUM ALUMINATE	37902M				KG	CEMENT CALCIUM ALUM
	CEMENT, RAPID HARDENING	37901				CWT	CEMENT R-H
	CEMENT, RAPID HARDENING	37901M				KG	CEMENT R-H
	CEMENT, SPLICING, MEM-BUT-RUBBER	38906				GAL	CEMENT SPLICING MBR
	CEMENT, SPLICING, MEM-BUT-RUBBER	38906M				LITER	CEMENT SPLICING MBR
D	CENTER STRIP, POLYETHYLENE	49303				LINFT	CENTER STRIP PE
D	CENTER STRIP, POLYETHYLENE	49303M				METER	CENTER STRIP PE
D	CHAINS, SAFETY	68501				LINFT	CHAINS SAFETY
D	CHAINS, SAFETY	68501M				METER	CHAINS SAFETY
D	CHANNEL, SIGN MOUNTING, ALUM	61330	11	13	16	LINFT	CHANNEL SIGN MT ALUM
D	CHANNEL, SIGN MOUNTING, ALUM	61330M	11	13	16	METER	CHANNEL SIGN MT ALUM
D	CHANNEL, SIGN MOUNTING, GALV. STEEL	61329	11	13	16	LINFT	CHANNEL SIGN MT GVST
D	CHANNEL, SIGN MOUNTING, GALV. STEEL	61329M	11	13	16	METER	CHANNEL SIGN MT GVST
	CHANNELIZATION DRUM	61337				EA	CHANNELIZATION DRUM

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHANNELIZATION DRUM	61337M				EA	CHANNELIZATION DRUM
	CHEM ADMIXTURE, AASHTO M194, TY A,	ADVA XT2				GAL	ADMX TYA ADVA XT2
	CHEM ADMIXTURE, AASHTO M194, TY A,	ADVA XT2				LITER	ADMX TYA ADVA XT2
D	CHEM ADMIXTURE, AASHTO M194, TY A,	AQUANIL-N	TY B	RETARD		GAL	ADMX TYA ANIL N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	AQUANIL-N	TY B	RETARD		LITER	ADMX TYA ANIL N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CATEXOL 2000 NI				GAL	ADMX TYA CTXL 2000NI
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CATEXOL 2000 NI				LITER	ADMX TYA CTXL 2000NI
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CATEXOL 3500 N				GAL	ADMX TYA CTXL 3500 N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CATEXOL 3500 N				LITER	ADMX TYA CTXL 3500 N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CATEXOL 800N				GAL	ADMX TYA CTXL 800N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CATEXOL 800N				LITER	ADMX TYA CTXL 800N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO ENVIROMIX N				GAL	ADMX TYA NVROMX N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO ENVIROMIX N				LITER	ADMX TYA NVROMX N
	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO ENVIROMIX 159				GAL	ADMX TYA NVROMX 159
	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO ENVIROMIX 159				LITER	ADMX TYA NVROMX 159
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST MR				GAL	ADMX TYA PLAST MR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST MR				LITER	ADMX TYA PLAST MR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST MR720				GAL	ADMX TYA PLAST MR720
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST MR720				LITER	ADMX TYA PLAST MR720
	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST P150				GAL	ADMX TYA PLAST P150
	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST P150				LITER	ADMX TYA PLAST P150
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CORMIX P-150				GAL	ADMX TYA CRMX P150
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CORMIX P-150				LITER	ADMX TYA CRMX P150
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CORMIX P4	TY D	H2OREDUC RETARD		GAL	ADMX TYA CORMIX P4

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY A,	DARACEM 50				GAL	ADMX TYA DARCM 50
D	CHEM ADMIXTURE, AASHTO M194, TY A,	DARACEM 50				LITER	ADMX TYA DARCM 50
D	CHEM ADMIXTURE, AASHTO M194, TY A,	DARACEM 55				GAL	ADMX TYA DARCM 55
D	CHEM ADMIXTURE, AASHTO M194, TY A,	DARACEM 55				LITER	ADMX TYA DARCM 55
D	CHEM ADMIXTURE, AASHTO M194, TY A,	DARACEM 65				GAL	ADMX TYA DARACEM 65
D	CHEM ADMIXTURE, AASHTO M194, TY A,	DARACEM 65				LITER	ADMX TYA DARACEM 65
D	CHEM ADMIXTURE, AASHTO M194, TY A,	DURAFLUX 33				GAL	ADMX TYA DURAFLUX 33
D	CHEM ADMIXTURE, AASHTO M194, TY A,	DURAFLUX 33				LITER	ADMX TYA DURAFLUX 33
D	CHEM ADMIXTURE, AASHTO M194, TY A,	ENVIROMIX N				GAL	ADMX TYA ENVROMX N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	ENVIROMIX N				LITER	ADMX TYA ENVROMX N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	ENVIROMIX 159				GAL	ADMX TYA ENVROMX 159
D	CHEM ADMIXTURE, AASHTO M194, TY A,	ENVIROMIX 159				LITER	ADMX TYA ENVROMX 159
D	CHEM ADMIXTURE, AASHTO M194, TY A,	EUCON A+				GAL	ADMX TYA EUCON A+
D	CHEM ADMIXTURE, AASHTO M194, TY A,	EUCON A+				LITER	ADMX TYA EUCON A+
	CHEM ADMIXTURE, AASHTO M194, TY A,	EUCON MR				GAL	ADMX TYA EUCON MR
	CHEM ADMIXTURE, AASHTO M194, TY A,	EUCON MR				LITER	ADMX TYA EUCON MR
	CHEM ADMIXTURE, AASHTO M194, TY A,	EUCON WR				GAL	ADMX TYA EUCON WR
	CHEM ADMIXTURE, AASHTO M194, TY A,	EUCON WR				LITER	ADMX TYA EUCON WR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	EUCON WR 75				GAL	ADMX TYA EUCON 75
D	CHEM ADMIXTURE, AASHTO M194, TY A,	EUCON WR 75				LITER	ADMX TYA EUCON 75
	CHEM ADMIXTURE, AASHTO M194, TY A,	EUCON WR-91				GAL	ADMX TYA EUCON WR91
	CHEM ADMIXTURE, AASHTO M194, TY A,	EUCON WR-91				LITER	ADMX TYA EUCON WR91
	CHEM ADMIXTURE, AASHTO M194, TY A,	FINISHEASE-NC				GAL	ADMX TYA FNSHEASE NC
	CHEM ADMIXTURE, AASHTO M194, TY A,	FINISHEASE-NC				LITER	ADMX TYA FNSHEASE NC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY A,	HYDROSENSE	43844			GAL	ADMX TYA HYDROSENSE
D	CHEM ADMIXTURE, AASHTO M194, TY A,	HYDROSENSE	43844M			LITER	ADMX TYA HYDROSENSE
	CHEM ADMIXTURE, AASHTO M194, TY A,	KB-1200	43922			GAL	ADMX TYA KB-1200
	CHEM ADMIXTURE, AASHTO M194, TY A,	KB-1200	43922M			LITER	ADMX TYA KB-1200
D	CHEM ADMIXTURE, AASHTO M194, TY A,	LC-400	43752			GAL	ADMX TYA LC 400
D	CHEM ADMIXTURE, AASHTO M194, TY A,	LC-400	43752M			LITER	ADMX TYA LC 400
D	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPAVE +	43909			GAL	ADMX TYA MASTERPV +
D	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPAVE +	43909M			LITER	ADMX TYA MASTERPV +
D	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPAVEN	43807			GAL	ADMX TYA MASTERPAVEN
	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPOLYHEED 900	43912			GAL	ADMX TYA MPHEED 900
	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPOLYHEED 900	43912M			LITER	ADMX TYA MPHEED 900
	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPOLYHEED 997	43755			GAL	ADMX TYA MASTRPL 997
	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPOLYHEED 997	43755M			LITER	ADMX TYA MASTRPL 997
	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPOZZALITH 80	43711M			LITER	ADMX TYA MASTRPOZ 80
	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPOZZOLITH 80	43711			GAL	ADMX TYA MASTRPOZ 80
	CHEM ADMIXTURE, AASHTO M194, TY A,	MIRA 35	43874			GAL	ADMX TYA MIRA 35
	CHEM ADMIXTURE, AASHTO M194, TY A,	MIRA 35	43874M			LITER	ADMX TYA MIRA 35
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO PLUS	43884			GAL	ADMX TYA OPTFLO PLUS
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO PLUS	43884M			LITER	ADMX TYA OPTFLO PLUS
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO 500	43881			GAL	ADMX TYA OPTIFLO 500
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO 500	43881M			LITER	ADMX TYA OPTIFLO 500
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO 700	43941			GAL	ADMX TYA OPTIFLO 700
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO 700	43941M			LITER	ADMX TYA OPTIFLO 700
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTIMIX MR	43819			GAL	ADMX TYA PLSTMX MR

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTIMIX MR	43819M			LITER	ADMX TYA PLSTMX MR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTIMIX 50	43856			GAL	ADMX TYA PLSTIMX 50
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTIMIX 50	43856M			LITER	ADMX TYA PLSTIMX 50
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTOCRETE 100	43932			GAL	ADMX TYA PLSTCRT 100
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTOCRETE 100	43932M			LITER	ADMX TYA PLSTCRT 100
	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTOCRETE 161	43714			GAL	ADMX TYA PLAS 161
	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTOCRETE 161	43714M			LITER	ADMX TYA PLAS 161
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTOCRETE 169	43790			GAL	ADMX TYA PLAS 169
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTOCRETE 169	43790M			LITER	ADMX TYA PLAS 169
D	CHEM ADMIXTURE, AASHTO M194, TY A,	POLYCHEM 1000	43760			GAL	ADMX TYA PLYCHM1000
D	CHEM ADMIXTURE, AASHTO M194, TY A,	POLYCHEM 1000	43760M			LITER	ADMX TYA PLYCHM1000
	CHEM ADMIXTURE, AASHTO M194, TY A,	POLYCHEM 400NC	43769			GAL	ADMX TYA PLYCNM 400
	CHEM ADMIXTURE, AASHTO M194, TY A,	POLYCHEM 400NC	43769M			LITER	ADMX TYA PLYCHM 400
D	CHEM ADMIXTURE, AASHTO M194, TY A,	POLYHEED	43712			GAL	ADMX TYA POLYHEED
D	CHEM ADMIXTURE, AASHTO M194, TY A,	POLYHEED	43712M			LITER	ADMX TYA POLYHEED
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PRO-KRETE N3	43703	TY C	ACCEL	GAL	ADMX TYA PROKN3
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PRO-KRETE N3	43703M	TY C	ACCEL	LITER	ADMX TYA PROKN3
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PS-1209	43804			GAL	ADMX TYA PS-1209
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PSI-300 N	43705	TY E	H2OREDUC ACCEL	GAL	ADMX TYA PSI-300N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	REDI-SET	43707			GAL	ADMX TYA REDI-SET
D	CHEM ADMIXTURE, AASHTO M194, TY A,	REDI-SET	43707M			LITER	ADMX TYA REDI-SET
D	CHEM ADMIXTURE, AASHTO M194, TY A,	REDI-SET MR	43787			GAL	ADMX TYA REDISSET MR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	REDI-SET MR	43787M			LITER	ADMX TYA REDISSET MR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	SIKAMENT AFM	43835			GAL	ADMX TYA SKAMENT AFM

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY A,	SIKAMENT AFM	43835M			LITER	ADMX TYA SKAMENT AFM
D	CHEM ADMIXTURE, AASHTO M194, TY A,	SIKAMENT HP	43780			GAL	ADMIX TYA SIKA HP
D	CHEM ADMIXTURE, AASHTO M194, TY A,	SIKAMENT HP	43780M			LITER	ADMIX TYA SIKA HP
	CHEM ADMIXTURE, AASHTO M194, TY A,	SIKAPLAST 200	43929			GAL	ADMX TYA SIKAPLST200
	CHEM ADMIXTURE, AASHTO M194, TY A,	SIKAPLAST 200	43929M			LITER	ADMX TYA SIKAPLST200
D	CHEM ADMIXTURE, AASHTO M194, TY A,	UNIPLAST 500N	43715			GAL	ADMX TYA UNI500N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	UNIPLAST 500N	43715M			LITER	ADMX TYA UNI500N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	WRDA WITH HYCOL	43710			GAL	ADMX TYA WRDA HYCL
D	CHEM ADMIXTURE, AASHTO M194, TY A,	WRDA WITH HYCOL	43710M			LITER	ADMX TYA WRDA HYCL
D	CHEM ADMIXTURE, AASHTO M194, TY A,	ZYLA 620	43952			GAL	ADMX TYA ZYLA 620
D	CHEM ADMIXTURE, AASHTO M194, TY A,	ZYLA 620	43952M			LITER	ADMX TYA ZYLA 620
	CHEM ADMIXTURE, AASHTO M194, TY A,	ZYLA 640	43953			GAL	ADMX TYA ZYLA 640
	CHEM ADMIXTURE, AASHTO M194, TY A,	ZYLA 640	43953M			LITER	ADMX TYA ZYLA 640
D	CHEM ADMIXTURE, AASHTO M194, TY A, B,	CATEXOL 1000N	43701	TY A	H2OREDUC	GAL	ADMX TYAB CATXL N
D	CHEM ADMIXTURE, AASHTO M194, TY A, B,	CATEXOL 1000N	43701M	TY A	H2OREDUC	LITER	ADMX TYAB CATXL N
	CHEM ADMIXTURE, AASHTO M194, TY A, D,	OPTIFLO 50	43880			GAL	ADMX TYAD OPTIFLO 50
	CHEM ADMIXTURE, AASHTO M194, TY A, D,	OPTIFLO 50	43880M			LITER	ADMX TYAD OPTIFLO 50
	CHEM ADMIXTURE, AASHTO M194, TY A, D,	WRDA-82	43709			GAL	ADMX TYAD WRDA-82
	CHEM ADMIXTURE, AASHTO M194, TY A, D,	WRDA-82	43709M			LITER	ADMX TYAD WRDA-82
	CHEM ADMIXTURE, AASHTO M194, TY A, D,	ZYLA 630	43864			GAL	ADMX TYAD ZYLA630
	CHEM ADMIXTURE, AASHTO M194, TY A, D,	ZYLA 630	43864M			LITER	ADMX TYA ZYLA 630
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	ADVA 140M	43917			GAL	ADMX TYAF ADVA 140M
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	ADVA 140M	43917M			LITER	ADMX TYAF ADVA 140M
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	ADVACAST 575	43836			GAL	ADMX TYAF ACAST 575

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY A, F, ADVACAST 575	43836M				LITER	ADMX TYAF ACAST 575
	CHEM ADMIXTURE, AASHTO M194, TY A, F, ADVACAST 600	43923				GAL	ADMX TYAF ADVCAST 600
	CHEM ADMIXTURE, AASHTO M194, TY A, F, ADVACAST 600	43923M				LITER	ADMX TYAF ADVCAST 600
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSO ENVIROMIX 380	43910				GAL	ADMX TYAF NVROMX 380
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSO ENVIROMIX 380	43910M				LITER	ADMX TYAF NVROMX 380
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSO ENVIROMIX 728	43928				GAL	ADMX TYAF NVROMX 728
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSO ENVIROMIX 728	43928M				LITER	ADMX TYAF NVROMX 728
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSOFL OPTIMA256EMX	43911				GAL	ADMX TYAF OPTIMA 256
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSOFL OPTIMA256EMX	43911M				LITER	ADMX TYAF OPTIMA 256
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSOFL OPTIMA258EMX	43944				GAL	ADMX TYAF OPTIMA 258
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSOFL OPTIMA258EMX	43944M				LITER	ADMX TYAF OPTIMA 258
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSOFLUID OPTIMA203	43823				GAL	ADMX TYAF OPT203
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSOFLUID OPTIMA203	43823M				LITER	ADMX TYAF OPT203
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSOFLUID PREMIA198	43943				GAL	ADMX TYAF PREMIA 198
	CHEM ADMIXTURE, AASHTO M194, TY A, F, CHRYSOFLUID PREMIA198	43943M				LITER	ADMX TYAF PREMIA 198
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, DURAFLEX 66	43846				GAL	ADMX TYAF DFLX 66
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, DURAFLEX 66	43846M				LITER	ADMX TYAF DFLX 66
	CHEM ADMIXTURE, AASHTO M194, TY A, F, EUCON MRX	43875				GAL	ADMX TYAF EUCON MRX
	CHEM ADMIXTURE, AASHTO M194, TY A, F, EUCON MRX	43875M				LITER	ADMX TYAF EUCON MRX
	CHEM ADMIXTURE, AASHTO M194, TY A, F, EVO 2500	43920				GAL	ADMX TYAF EVO 2500
	CHEM ADMIXTURE, AASHTO M194, TY A, F, EVO 2500	43920M				LITER	ADMX TYAF EVO 2500
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, GENESIS 112	43873				GAL	ADMX TYAF GENESIS112
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, GENESIS 112	43873M				LITER	ADMX TYAF GENESIS112
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, KB-2000	43919				GAL	ADMX TYAF KB-2000

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, KB-2000	43919M				LITER	ADMX TYAF KB-2000
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERGLENIU 1466	43828				GAL	ADMX TYAF MGLEN 1466
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERGLENIU 1466	43828M				LITER	ADMX TYAF MGLEN 1466
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERGLENIU 7500	43832				GAL	ADMX TYAF MGLEN 7500
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERGLENIU 7500	43832M				LITER	ADMX TYAF MGLEN 7500
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERPOLYHEED 1720	43837				GAL	ADMX TYAF MPHEED1720
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERPOLYHEED 1720	43837M				LITER	ADMX TYAF MPHEED1720
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MELCHEM	43770				GAL	ADMX TYAF MELCHEM
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MELCHEM	43770M				LITER	ADMX TYAF MELCHEM
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 110	43870				GAL	ADMX TYAF MIRA 110
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 110	43870M				LITER	ADMX TYAF MIRA 110
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 62	43867				GAL	ADMX TYAF MIRA 62
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 62	43867M				LITER	ADMX TYAF MIRA 62
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 92	43829				GAL	ADMX TYAF MIRA 92
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 92	43829M				LITER	ADMX TYAF MIRA 92
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 95	43954				GAL	ADMX TYAF MIRA 95
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 95	43954M				LITER	ADMX TYAF MIRA 95
	CHEM ADMIXTURE, AASHTO M194, TY A, F, OPTIFLO MR	43885				GAL	ADMX TYAF OPTFLO MR
	CHEM ADMIXTURE, AASHTO M194, TY A, F, OPTIFLO MR	43885M				LITER	ADMX TYAF OPTFLO MR
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, PLASTIMIX 720	43806				GAL	ADMX TYF PLSIMIX 720
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, PLASTOL 341	43893				GAL	ADMX TYAF PLSTL 341
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, PLASTOL 341	43893M				LITER	ADMX TYAF PLSTL 341
	CHEM ADMIXTURE, AASHTO M194, TY A, F, PLASTOL 6400	43950				GAL	ADMX TYAF PLSTL 6400
	CHEM ADMIXTURE, AASHTO M194, TY A, F, PLASTOL 6400	43950M				LITER	ADMX TYAF PLSTL 6400

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY A, F, PLASTOL 6420	43914				GAL	ADMX TYAF PLSTL 6420
	CHEM ADMIXTURE, AASHTO M194, TY A, F, PLASTOL 6420	43914M				LITER	ADMX TYAF PLSTL 6420
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, POLYCHEM SPC	43830				GAL	ADMX TY AF POLY SPC
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, POLYCHEM SPC	43830M				LITER	ADMX TY AF POLY SPC
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, REDI-SET 720	43834				GAL	ADMX TYAF REDSET 720
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, REDI-SET 720	43834M				LITER	ADMX TYAF REDSET 720
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, RHEOBUILD 2000B	43766				GAL	ADMX TYAF RHBD 2000B
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, RHEOBUILD 2000B	43766M				LITER	ADMX TYAF RHBD 2000B
	CHEM ADMIXTURE, AASHTO M194, TY A, F, SIKAMENT 686	43827				GAL	ADMX TYAF SIKA 686
	CHEM ADMIXTURE, AASHTO M194, TY A, F, SIKAMENT 686	43827M				LITER	ADMX TYAF SIKA 686
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, SIKAMENT 86	43794				GAL	ADMX TYAF SIKA 86
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, SIKAMENT 86	43794M				LITER	ADMX TYAF SIKA 86
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, SIKAPLAST 500	43840				GAL	ADMX TYAF SKPLST 500
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, SIKAPLAST 500	43840M				LITER	ADMX TYAF SKPLST 500
	CHEM ADMIXTURE, AASHTO M194, TY A, F, VISCOCRETE 1000	43925				GAL	ADMX TYAF VSCRTE1000
	CHEM ADMIXTURE, AASHTO M194, TY A, F, VISCOCRETE 1000	43925M				LITER	ADMX TYAF VSCRTE1000
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, VISCOCRETE 3010	43795				GAL	ADMX TYAF VISCO 3010
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, VISCOCRETE 3010	43795M				LITER	ADMX TYAF VISCO 3010
	CHEM ADMIXTURE, AASHTO M194, TY A,B,D, LC400P	43774				GAL	ADMX TYABDLC400P
	CHEM ADMIXTURE, AASHTO M194, TY A,B,D, LC400P	43774M				LITER	ADMX TYABDLC400P
	CHEM ADMIXTURE, AASHTO M194, TY A,B,D, MASTERPOZZOLITH 322	43753				GAL	ADMX TYABDMPOZ 322
	CHEM ADMIXTURE, AASHTO M194, TY A,B,D, MASTERPOZZOLITH 322	43753M				LITER	ADMX TYABD MPOZ 322
D	CHEM ADMIXTURE, AASHTO M194, TY A,B,D, POZZOLITH 220N	43713				GAL	ADMX TYABDPOZZ220N
D	CHEM ADMIXTURE, AASHTO M194, TY A,B,D, POZZOLITH 220N	43713M				LITER	ADMX TYABDPOZZ220N

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY B,		POLYCHEM RENU	43936		GAL	ADMX TYB POLYCHMRENU
	CHEM ADMIXTURE, AASHTO M194, TY B,		POLYCHEM RENU	43936M		LITER	ADMX TYB POLYCHMRENU
	CHEM ADMIXTURE, AASHTO M194, TY B,		SIKATARD 440	43924		GAL	ADMX TYB SIKATARD440
	CHEM ADMIXTURE, AASHTO M194, TY B,		SIKATARD 440	43924M		LITER	ADMX TYB SIKATARD440
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,		AQUANIL-R	43721		GAL	ADMX TYBD ANIL R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,		AQUANIL-R	43721M		LITER	ADMX TYBD ANIL R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,		CATEXOL 1000R	43717		GAL	ADMX TYBD CATXL R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,		CATEXOL 1000R	43717M		LITER	ADMX TYBD CATXL R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,		CONCHEM 25R	43718		GAL	ADMX TYBD CNCM 25R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,		CONCHEM 25R	43718M		LITER	ADMX TYBD CNCM 25R
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		EUCON STASIS	43949		GAL	ADMX TYBD STASIS
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		EUCON STASIS	43949M		LITER	ADMX TYBD STASIS
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		LC-400R	43762		GAL	ADMX TYBD LC 400R
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		LC-400R	43762M		LITER	ADMX TYBD LC 400R
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		MASTERSET DELVO	43757		GAL	ADMX TYBD MSETDELVO
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		MASTERSET DELVO	43757M		LITER	ADMX TYBD MSETDELVO
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		MASTERSET R 100	43719		GAL	ADMX TYBD MSET R100
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		MASTERSET R 100	43719M		LITER	ADMX TYBD MSET R100
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		MASTERSET R 300	43916		GAL	ADMX TYBD MSET R300
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		MASTERSET R 300	43916M		LITER	ADMX TYBD MSET R300
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,		OPTIFLO 100R	43886		GAL	ADMX TYBD OPFLO 100R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,		OPTIFLO 100R	43886M		LITER	ADMX TYBD OPFLO 100R
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		PLASTIMENT	43720		GAL	ADMX TYBD PLASTIMT
	CHEM ADMIXTURE, AASHTO M194, TY B, D,		PLASTIMENT	43720M		LITER	ADMX TYBD PLASTIMT

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43918	PLASTIMENT ES			GAL	ADMX TYBD PLASTMX ES
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43918M	PLASTIMENT ES			LITER	ADMX TYBD PLASTMX ES
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43759	PLASTOCRETE 161 MR			GAL	ADMX TYBD PLSCRT161
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43759M	PLASTOCRETE 161 MR			LITER	ADMX TYBD PLSCRT161
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43777	POZZOLITH 300R			GAL	ADMX TYBD POZZ300R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43777M	POZZOLITH 300R			LITER	ADMX TYBD POZZ300R
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43758	RECOVER			GAL	ADMX TYBD RECOVER
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43758M	RECOVER			LITER	ADMX TYBD RECOVER
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43754	REDI-SET XR			GAL	ADMX TYBD REDISSETXR
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43754M	REDI-SET XR			LITER	ADMX TYBD REDISSETXR
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43847	STOPSET L			GAL	ADMX TYBD STOPSET L
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43847M	STOPSET L			LITER	ADMX TYBD STOPSET L
	CHEM ADMIXTURE, AASHTO M194, TY C,	43902	CHRYSO TURBOCAST 650A			GAL	ADMX TYC TRBOCST650A
	CHEM ADMIXTURE, AASHTO M194, TY C,	43902M	CHRYSO TURBOCAST 650A			LITER	ADMX TYC TRBOCST650A
	CHEM ADMIXTURE, AASHTO M194, TY C,	43901	CHRYSO TURBOCAST 701			GAL	ADMX TYC TRBOCST 701
	CHEM ADMIXTURE, AASHTO M194, TY C,	43901M	CHRYSO TURBOCAST 701			LITER	ADMX TYC TRBOCST 701
D	CHEM ADMIXTURE, AASHTO M194, TY C,	43722	CONCHEM HE-202			GAL	ADMX TYC CNCMHE202
D	CHEM ADMIXTURE, AASHTO M194, TY C,	43722M	CONCHEM HE-202			LITER	ADMX TYC CNCMHE202
D	CHEM ADMIXTURE, AASHTO M194, TY C,	43726	DARASET			GAL	ADMX TYC DARASET
D	CHEM ADMIXTURE, AASHTO M194, TY C,	43726M	DARASET			LITER	ADMX TYC DARASET
D	CHEM ADMIXTURE, AASHTO M194, TY C,	43839	DARASET 400			GAL	ADMX TYC DARASET 400
D	CHEM ADMIXTURE, AASHTO M194, TY C,	43839M	DARASET 400			LITER	ADMX TYC DARASET 400
	CHEM ADMIXTURE, AASHTO M194, TY C,	43927	DARASET 442			GAL	ADMX TYC DARASET442
	CHEM ADMIXTURE, AASHTO M194, TY C,	43927M	DARASET 442			LITER	ADMX TYC DARASET442

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY C,	EXCEL IND REDISSET NS	43799			GAL	ADMX TYC REDISSET NS
D	CHEM ADMIXTURE, AASHTO M194, TY C,	EXCEL NCI	43812			GAL	ADMX TYC EXCEL NCI
	CHEM ADMIXTURE, AASHTO M194, TY C,	LCNC-166	43761			GAL	ADMX TYC LCNC 166
	CHEM ADMIXTURE, AASHTO M194, TY C,	LCNC-166	43761M			LITER	ADMX TYC LCNC 166
	CHEM ADMIXTURE, AASHTO M194, TY C,	MASTERLIFE CL 30	43786			GAL	ADMX TYC MLIFE CL30
	CHEM ADMIXTURE, AASHTO M194, TY C,	MASTERLIFE CL 30	43786M			LITER	ADMX TYC MLIFE CL30
	CHEM ADMIXTURE, AASHTO M194, TY C,	MASTERSSET AC 534	43776			GAL	ADMX TYC MSET AC 534
	CHEM ADMIXTURE, AASHTO M194, TY C,	MASTERSSET AC 534	43776M			LITER	ADMX TYC MSET AC 534
D	CHEM ADMIXTURE, AASHTO M194, TY C,	NITROCAST 701	43888			GAL	ADMX TYC NITROCST701
D	CHEM ADMIXTURE, AASHTO M194, TY C,	NITROCAST 701	43888M			LITER	ADMX TYC NITROCST701
D	CHEM ADMIXTURE, AASHTO M194, TY C,	OZ-SET	43877			GAL	ADMX TYC OZSET
D	CHEM ADMIXTURE, AASHTO M194, TY C,	OZ-SET	43877M			LITER	ADMX TYC OZSET
	CHEM ADMIXTURE, AASHTO M194, TY C,	OZ-SET 2	43946			GAL	ADMX TYC OZSET 2
	CHEM ADMIXTURE, AASHTO M194, TY C,	OZ-SET 2	43946M			LITER	ADMX TYC OZSET 2
D	CHEM ADMIXTURE, AASHTO M194, TY C,	PLASTOCRETE 161HE	43796			GAL	ADMX TYC PLAS 161HE
D	CHEM ADMIXTURE, AASHTO M194, TY C,	PLASTOCRETE 161HE	43796M			LITER	ADMX TYC PLAS 161HE
	CHEM ADMIXTURE, AASHTO M194, TY C,	POLARSET	43764			GAL	ADMX TYC POLARSET
	CHEM ADMIXTURE, AASHTO M194, TY C,	POLARSET	43764M			LITER	ADMX TYC POLARSET
D	CHEM ADMIXTURE, AASHTO M194, TY C,	POLYCHEM NCA	43772			GAL	ADMX TYC PLYCHM NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C,	POLYCHEM NCA	43772M			LITER	ADMX TYC PLYCHM NCA
	CHEM ADMIXTURE, AASHTO M194, TY C,	POLYCHEM SUPER SET	43773			GAL	ADMX TYC PLCM SPRST
	CHEM ADMIXTURE, AASHTO M194, TY C,	POLYCHEM SUPER SET	43773M			LITER	ADMX TYC PLCM SPRST
D	CHEM ADMIXTURE, AASHTO M194, TY C,	REDI-SET NCA	43811			GAL	ADMX TYC REDSET NCA
	CHEM ADMIXTURE, AASHTO M194, TY C,	SIKA RAPID-1	43793			GAL	ADMX TYC SIKA RAPID1

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY C,	SIKA RAPID-1	43793M			LITER	ADMX TYC SIKA RAPID1
D	CHEM ADMIXTURE, AASHTO M194, TY C,	SIKAMIX NCA	43892			GAL	ADMX TYC SIKAMIX NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C,	SIKAMIX NCA	43892M			LITER	ADMX TYC SIKAMIX NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C,	TURBOCAST K	43861			GAL	ADMX TYC TRBOCST K
D	CHEM ADMIXTURE, AASHTO M194, TY C,	TURBOCAST K	43861M			LITER	ADMX TYC TRBOCST K
D	CHEM ADMIXTURE, AASHTO M194, TY C,	TURBOCAST 701	43859			GAL	ADMX TYC TRBOCST 701
D	CHEM ADMIXTURE, AASHTO M194, TY C,	TURBOCAST 701	43859M			LITER	ADMX TYC TRBOCST 701
	CHEM ADMIXTURE, AASHTO M194, TY C, CI	DAREX CORR INHIB	43725			GAL	ADMX TYC DCI
	CHEM ADMIXTURE, AASHTO M194, TY C, CI	DAREX CORR INHIB	43725M			LITER	ADMX TYC DCI
	CHEM ADMIXTURE, AASHTO M194, TY C, CI	EUCON CIA	43853			GAL	ADMX TYC EUCON CIA
	CHEM ADMIXTURE, AASHTO M194, TY C, CI	EUCON CIA	43853M			LITER	ADMX TYC EUCON CIA
	CHEM ADMIXTURE, AASHTO M194, TY C, CI	RUSSTECH RCI	43798			GAL	ADMX TYC RUSTECH RCI
	CHEM ADMIXTURE, AASHTO M194, TY C, CI	RUSSTECH RCI	43798M			LITER	ADMX TYC RUSTECH RCI
	CHEM ADMIXTURE, AASHTO M194, TY C, E,	ACCELGARD 80	43724			GAL	ADMX TYCE ACCLGRD80
	CHEM ADMIXTURE, AASHTO M194, TY C, E,	ACCELGARD 80	43724M			LITER	ADMX TYCE ACCLGRD80
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	ACCELGUARD NCA	43851			GAL	ADMX TYCE ACLGRD NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	ACCELGUARD NCA	43851M			LITER	ADMX TYCE ACLGRD NCA
	CHEM ADMIXTURE, AASHTO M194, TY C, E,	ACCELGUARD 90	43852			GAL	ADMX TYCE ACLGRD 90
	CHEM ADMIXTURE, AASHTO M194, TY C, E,	ACCELGUARD 90	43852M			LITER	ADMX TYCE ACLGRD 90
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	CATEXOL 2000 RHE	43768			GAL	ADMX TY CE CATXL RHE
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	CATEXOL 2000 RHE	43768M			LITER	ADMX TY CE CATXL RHE
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	CATEXOL 2000 RHE	43841			GAL	ADMX TYCE CXL2000RHE
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	CATEXOL 2000 RHE	43841M			LITER	ADMX TYCE CXL2000RHE
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	FAST SET 100HE	43775			GAL	ADMX TYCE FASET100HE

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, FAST SET 100HE	43775M				LITER	ADMX TYCE FASET100HE
	CHEM ADMIXTURE, AASHTO M194, TY C, E, MASTERSET FP 20	43822				GAL	ADMX TYCE MSET FP20
	CHEM ADMIXTURE, AASHTO M194, TY C, E, MASTERSET FP 20	43822M				LITER	ADMX TYCE MSET FP20
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, NCA II	43723				GAL	ADMX TYCE NCA II
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, NCA II	43723M				LITER	ADMX TYCE NCA II
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, POZZOLITH 122 HE	43727				GAL	ADMX TYCE POZZ122HE
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, POZZOLITH 122 HE	43727M				LITER	ADMX TYCE POZZ122HE
	CHEM ADMIXTURE, AASHTO M194, TY C, E, SIKASET NC-4	43935				GAL	ADMX TYCE SKASET NC4
	CHEM ADMIXTURE, AASHTO M194, TY C, E, SIKASET NC-4	43935M				LITER	ADMX TYCE SKASET NC4
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, VIBROPLEX NC	43926				GAL	ADMX TYCE VBROPLX NC
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, VIBROPLEX NC	43926M				LITER	ADMX TYCE VBROPLX NC
D	CHEM ADMIXTURE, AASHTO M194, TY C,E, LUBRICON-NCA	43729				GAL	ADMX TYCE LUBR NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C,E, LUBRICON-NCA	43729M				LITER	ADMX TYCE LUBR NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C,E, POZZUTEC-20	43728				GAL	ADMX TYCE POZZ 20
D	CHEM ADMIXTURE, AASHTO M194, TY C,E, POZZUTEC-20	43728M				LITER	ADMX TYCE POZZ 20
	CHEM ADMIXTURE, AASHTO M194, TY D, CHRYSO CONTROLSET100R	43903				GAL	ADMX TYD CNTRLST100R
	CHEM ADMIXTURE, AASHTO M194, TY D, CHRYSO CONTROLSET100R	43903M				LITER	ADMX TYD CNTRLST100R
D	CHEM ADMIXTURE, AASHTO M194, TY D, DARATARD HC	43895				GAL	ADMX TYD DARATARD HC
D	CHEM ADMIXTURE, AASHTO M194, TY D, DARATARD HC	43895M				LITER	ADMX TYD DARATARD HC
D	CHEM ADMIXTURE, AASHTO M194, TY D, DARATARD 17	43733				GAL	ADMX TYD DARTRD 17
D	CHEM ADMIXTURE, AASHTO M194, TY D, DARATARD 17	43733M				LITER	ADMX TYD DARTRD 17
	CHEM ADMIXTURE, AASHTO M194, TY D, EUCON RETARDER 100	43783				GAL	ADMX TYD EUCON 100
	CHEM ADMIXTURE, AASHTO M194, TY D, EUCON RETARDER 100	43783M				LITER	ADMX TYD EUCON 100
D	CHEM ADMIXTURE, AASHTO M194, TY D, EUCON RETARDER 75	43731				GAL	ADMX TYD EUCON 75

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY D,	EUCON RETARDER 75	43731M			LITER	ADMX TYD EUCON 75
D	CHEM ADMIXTURE, AASHTO M194, TY D,	EUCON 727	43848			GAL	ADMX TYD EUCON 727
D	CHEM ADMIXTURE, AASHTO M194, TY D,	EUCON 727	43848M			LITER	ADMX TYD EUCON 727
D	CHEM ADMIXTURE, AASHTO M194, TY D,	NUTRALSET	43904			GAL	ADMX TYD NUTRALSET
D	CHEM ADMIXTURE, AASHTO M194, TY D,	NUTRALSET	43904M			LITER	ADMX TYD NUTRALSET
D	CHEM ADMIXTURE, AASHTO M194, TY D,	OPTIFLO RENU	43883			GAL	ADMX TYD OPTFLO RENU
D	CHEM ADMIXTURE, AASHTO M194, TY D,	OPTIFLO RENU	43883M			LITER	ADMX TYD OPTFLO RENU
D	CHEM ADMIXTURE, AASHTO M194, TY D,	PLASTIMIX 100R	43863			GAL	ADMX TYD PLSTMX 100R
D	CHEM ADMIXTURE, AASHTO M194, TY D,	PLASTIMIX 100R	43863M			LITER	ADMX TYD PLSTMX 100R
	CHEM ADMIXTURE, AASHTO M194, TY D,	POLYCHEM R	43771			GAL	ADMX TYD PLYCHM R
	CHEM ADMIXTURE, AASHTO M194, TY D,	POLYCHEM R	43771M			LITER	ADMX TYD PLYCHM R
D	CHEM ADMIXTURE, AASHTO M194, TY D,	PSI RETARDER PLUS	43730			GAL	ADMX TYD PSI PLUS
D	CHEM ADMIXTURE, AASHTO M194, TY D,	REDI-SET R	43732			GAL	ADMX TYD REDISETR
D	CHEM ADMIXTURE, AASHTO M194, TY D,	REDI-SET R	43732M			LITER	ADMX TYD REDISETR
D	CHEM ADMIXTURE, AASHTO M194, TY D,	RENU	43857			GAL	ADMX TYD RENU
D	CHEM ADMIXTURE, AASHTO M194, TY D,	RENU	43857M			LITER	ADMX TYD RENU
	CHEM ADMIXTURE, AASHTO M194, TY D,	CHRYSO CONTROL SET 125	43945			GAL	ADMX TYD CHRYSET125
	CHEM ADMIXTURE, AASHTO M194, TY D,	CHRYSO CONTROL SET 125	43945M			LITER	ADMX TYD CHRYSET125
D	CHEM ADMIXTURE, AASHTO M194, TY E,	ACCELGUARD HE	43788			GAL	ADMX TYE ACCLGRD HE
D	CHEM ADMIXTURE, AASHTO M194, TY E,	ACCELGUARD HE	43788M			LITER	ADMX TYE ACCLGRD HE
D	CHEM ADMIXTURE, AASHTO M194, TY E,	DARACCEL	43734			GAL	ADMX TYE DARACCEL
D	CHEM ADMIXTURE, AASHTO M194, TY E,	DARACCEL	43734M			LITER	ADMX TYE DARACCEL
D	CHEM ADMIXTURE, AASHTO M194, TY E,	GRT POLYCHEM HE	43802			GAL	ADMX TYE POLY HE
	CHEM ADMIXTURE, AASHTO M194, TY E,	NITORCAST K	43882			GAL	ADMX TYE NITROCAST K

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY E,		NITORCAST K			LITER	ADMX TYE NITROCAST K
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 100			GAL	ADMX TYF ADVA 100
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 100			LITER	ADMX TYF ADVA 100
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 190			GAL	ADMX TYF ADVA 190
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 190			LITER	ADMX TYF ADVA 190
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 195			GAL	ADMX TYF ADVA 195
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 195			LITER	ADMX TYF ADVA 195
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 198			GAL	ADMX TYF ADVA 198
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 198			LITER	ADMX TYF ADVA 198
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 380			GAL	ADMX TYF ADVA 380
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 380			LITER	ADMX TYF ADVA 380
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 405			GAL	ADMX TYF ADVA 405
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 405			LITER	ADMX TYF ADVA 405
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 408			GAL	ADMX TYF ADVA 408
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA 408			LITER	ADMX TYF ADVA 408
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA-CAST			GAL	ADMX TYF ADVA CAST
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA-CAST			LITER	ADMX TYF ADVA CAST
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA-FLOW			GAL	ADMX TYF ADVA FLOW
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVA-FLOW			LITER	ADMX TYF ADVA FLOW
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVACAST 170			GAL	ADMX TYF ADVCAST 170
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVACAST 170			LITER	ADMX TYF ADVCAST 170
D	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVACAST 530			GAL	ADMX TYF ADVCAST 530
	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVACAST 585			GAL	ADMX TYF ADVCAST 585
	CHEM ADMIXTURE, AASHTO M194, TY F,		ADVACAST 585			LITER	ADMX TYF ADVCAST 585

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY F,	AQUANIL-SL	43749			GAL	ADMX TYF ANIL SL
D	CHEM ADMIXTURE, AASHTO M194, TY F,	AQUANIL-SL	43749M			LITER	ADMX TYF ANIL SL
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CATEXOL ALLEGRO 122	43815			GAL	ADMX TYF ALLEGRO 122
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CATEXOL 1000 SP-MN	43735			GAL	ADMX TYF CATXLMNSP
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CATEXOL 1000 SP-MN	43735M			LITER	ADMX TYF CATXLMNSP
	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL AG	43906			GAL	ADMX TYF PROPEL AG
	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL AG	43906M			LITER	ADMX TYF PROPEL AG
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL XL25	43908			GAL	ADMX TYF PROPEL XL25
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL XL25	43908M			LITER	ADMX TYF PROPEL XL25
	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL 3300	43905			GAL	ADMX TYF PROPEL 3300
	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL 3300	43905M			LITER	ADMX TYF PROPEL 3300
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL 4600	43907			GAL	ADMX TYF PROPEL 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL 4600	43907M			LITER	ADMX TYF PROPEL 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSOFLUID OPTIMA200	43816			GAL	ADMX TYF OPTIMA 200
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSOFLUID PREMIA180	43814			GAL	ADMX TYF PREMIA 180
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSOFLUID PREMIA190	43825			GAL	ADMX TYF PREMIA 190
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSOFLUID PREMIA190	43825M			LITER	ADMX TYF PREMIA 190
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CONCHEM SPL	43736			GAL	ADMX TYF CNCM SPL
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CONCHEM SPL	43736M			LITER	ADMX TYF CNCM SPL
D	CHEM ADMIXTURE, AASHTO M194, TY F,	DARACEM ML 330	43738			GAL	ADMX TYF DRCM ML330
D	CHEM ADMIXTURE, AASHTO M194, TY F,	DARACEM ML 330	43738M			LITER	ADMX TYF DRCM ML330
D	CHEM ADMIXTURE, AASHTO M194, TY F,	DURAFLUX 77	43876			GAL	ADMX TYF DURAFLUX 77
D	CHEM ADMIXTURE, AASHTO M194, TY F,	DURAFLUX 77	43876M			LITER	ADMX TYF DURAFLUX 77
	CHEM ADMIXTURE, AASHTO M194, TY F,	ECOFLO GREEN	43879			GAL	ADMX TYF ECOFLO GRN

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY F,	ECOFLO GREEN	43879M			LITER	ADMX TYF ECOFLO GRN
	CHEM ADMIXTURE, AASHTO M194, TY F,	EUCON 1037	43800			GAL	ADMX TYF EUCON 1037
	CHEM ADMIXTURE, AASHTO M194, TY F,	EUCON 37	43740			GAL	ADMX TYF EUCON 37
	CHEM ADMIXTURE, AASHTO M194, TY F,	EUCON 37	43740M			LITER	ADMX TYF EUCON 37
D	CHEM ADMIXTURE, AASHTO M194, TY F,	FX-32	43741			GAL	ADMX TYF FX-32
D	CHEM ADMIXTURE, AASHTO M194, TY F,	FX-32	43741M			LITER	ADMX TYF FX-32
D	CHEM ADMIXTURE, AASHTO M194, TY F,	GLENIUM 3000NS	43791			GAL	ADMX TYF GLEN 3000NS
D	CHEM ADMIXTURE, AASHTO M194, TY F,	GLENIUM 3000NS	43791M			LITER	ADMX TYF GLEN 3000NS
	CHEM ADMIXTURE, AASHTO M194, TY F,	MASTERGLENIUM 7710	43939			GAL	ADMX TYF MGLEN 7710
	CHEM ADMIXTURE, AASHTO M194, TY F,	MASTERGLENIUM 7710	43939M			LITER	ADMX TYF MGLEN 7710
	CHEM ADMIXTURE, AASHTO M194, TY F,	MASTERRHEOBUILD 1000	43746			GAL	ADMX TYF MRHBLD 1000
	CHEM ADMIXTURE, AASHTO M194, TY F,	MASTERRHEOBUILD 1000	43746M			LITER	ADMX TYF MRHBLD 1000
D	CHEM ADMIXTURE, AASHTO M194, TY F,	MELMENT 50	43737			GAL	ADMX TYF MELMNT 50
D	CHEM ADMIXTURE, AASHTO M194, TY F,	MELMENT 50	43737M			LITER	ADMX TYF MELMNT 50
D	CHEM ADMIXTURE, AASHTO M194, TY F,	MIGHTY 150	43739			GAL	ADMX TYF MITY 150
D	CHEM ADMIXTURE, AASHTO M194, TY F,	MIGHTY 150	43739M			LITER	ADMX TYF MITY 150
	CHEM ADMIXTURE, AASHTO M194, TY F,	PC-441	43937			GAL	ADMX TYF PC-441
	CHEM ADMIXTURE, AASHTO M194, TY F,	PC-441	43937M			LITER	ADMX TYF PC-441
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTIMIX 3300	43866			GAL	ADMX TYF PLSTMX 3300
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTIMIX 3300	43866M			LITER	ADMX TYF PLSTMX 3300
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTIMIX 3330	43862			GAL	ADMX TYF PLSTMX 3330
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTIMIX 3330	43862M			LITER	ADMX TYF PLSTMX 3330
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTOCRETE 80	43931			GAL	ADMX TYF PLSTOCRT 80
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTOCRETE 80	43931M			LITER	ADMX TYF PLSTOCRT 80

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY F,	43951	PLASTOL ULTA 209			GAL	ADMX TYF PLSTULT 209
	CHEM ADMIXTURE, AASHTO M194, TY F,	43951M	PLASTOL ULTA 209			LITER	ADMX TYF PLSTULT 209
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43913	PLASTOL ULTRA 109			GAL	ADMX TYF PLSTLULT109
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43913M	PLASTOL ULTRA 109			LITER	ADMX TYF PLSTLULT109
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43849	PLASTOL 5500			GAL	ADMX TYF PLSTL 5500
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43849M	PLASTOL 5500			LITER	ADMX TYF PLSTL 5500
	CHEM ADMIXTURE, AASHTO M194, TY F,	43933	POLYCHEM SPC			GAL	ADMX TYF POLY SPC
	CHEM ADMIXTURE, AASHTO M194, TY F,	43933M	POLYCHEM SPC			LITER	ADMX TYF POLY SPC
	CHEM ADMIXTURE, AASHTO M194, TY F,	43810	POLYCHEM 3000			GAL	ADMX TYF PLYCHM 3000
	CHEM ADMIXTURE, AASHTO M194, TY F,	43921	POLYCHEM 775			GAL	ADMX TYF PLYCHM 775
	CHEM ADMIXTURE, AASHTO M194, TY F,	43921M	POLYCHEM 775			LITER	ADMX TYF PLYCHM 775
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43744	POZZOLITH 400N			GAL	ADMX TYF POZZ 400N
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43744M	POZZOLITH 400N			LITER	ADMX TYF POZZ 400N
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43860	PROPEL XL25			GAL	ADMX TYF PROPEL XL25
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43860M	PROPEL XL25			LITER	ADMX TYF PROPEL XL25
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43865	PROPEL 4600			GAL	ADMX TYF PROPEL 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43865M	PROPEL 4600			LITER	ADMX TYF PROPEL 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43808	REDI-SET SPC			GAL	ADMX TYF REDSET SPC
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43779	SIKAMENT FF			GAL	ADMX TYF SIKA FF
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43779M	SIKAMENT FF			LITER	ADMX TYF SIKA FF
	CHEM ADMIXTURE, AASHTO M194, TY F,	43930	SIKAMENT SPMN			GAL	ADMX TYF SKAMNT SPMN
	CHEM ADMIXTURE, AASHTO M194, TY F,	43930M	SIKAMENT SPMN			LITER	ADMX TYF SKAMNT SPMN
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43778	SIKAMENT 10 ESL			GAL	ADMX TYE SIKA 10ESL
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43778M	SIKAMENT 10 ESL			LITER	ADMX TYF SIKA 10ESL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SIKAMENT 300	43747			GAL	ADMX TYF SIKA 300
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SIKAMENT 300	43747M			LITER	ADMX TYF SIKA 300
	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLO 2040 RM	43872			GAL	ADMX TYF SF 2040 RM
	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLO 2040 RM	43872M			LITER	ADMX TYF SF 2040 RM
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLO 442	43763			GAL	ADMX TYF SPRFLO442
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLO 442	43763M			LITER	ADMX TYF SPRFLO442
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLO 443	43767			GAL	ADMX TYF SPRFLO 443
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLO 443	43767M			LITER	ADMX TYF SPRFLO 443
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLUX 2000 PC	43842			GAL	ADMX TYF SFLX2000PC
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLUX 2000 PC	43842M			LITER	ADMX TYF SFLX2000PC
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLUX 2100PC	43843			GAL	ADMX TYF SPFLX2100PC
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLUX 2100PC	43843M			LITER	ADMX TYF SPFLX2100PC
	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO DP	43890			GAL	ADMX TYF ULTRAFLO DP
	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO DP	43890M			LITER	ADMX TYF ULTRAFLO DP
	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 2000	43887			GAL	ADMX TYF UFLO 2000
	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 2000	43887M			LITER	ADMX TYF UFLO 2000
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 4600	43889			GAL	ADMX TYF UFLO 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 4600	43889M			LITER	ADMX TYF UFLO 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 5600	43942			GAL	ADMX TYF UFLO 5600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 5600	43942M			LITER	ADMX TYF UFLO 5600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	UNIPLAST 500 S	43748M			LITER	ADMX TYF UNI 500 S
D	CHEM ADMIXTURE, AASHTO M194, TY F,	UNIPLAST 500S	43748			GAL	ADMX TYF UNI 500S
	CHEM ADMIXTURE, AASHTO M194, TY F,	VISCOCRETE 6100	43809			GAL	ADMX TYF VSCRTE 6100
	CHEM ADMIXTURE, AASHTO M194, TY F,	WRDA-19	43743			GAL	ADMX TYF WRDA 19

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY F, WRDA-19	43743M				LITER	ADMX TYF WRDA 19
D	CHEM ADMIXTURE, AASHTO M194, TY F, G, DARACEM 100	43742				GAL	ADMX TYFG DARCM 100
D	CHEM ADMIXTURE, AASHTO M194, TY F, G, DARACEM 100	43742M				LITER	ADMX TYFG DARCM 100
D	CHEM ADMIXTURE, AASHTO M194, TY F, G, POZZOLITH 440N	43745				GAL	ADMX TYFG POZZ 440N
D	CHEM ADMIXTURE, AASHTO M194, TY F, G, POZZOLITH 440N	43745M				LITER	ADMX TYFG POZZ 440N
	CHEM ADMIXTURE, AASHTO M194, TY F, SCC,MASTERGLENIU 3400	43817				GAL	ADMX TYFSCC MGN 3400
	CHEM ADMIXTURE, AASHTO M194, TY F, SCC,MASTERGLENIU 7700	43894				GAL	ADMX TYFSCC MGN 7700
	CHEM ADMIXTURE, AASHTO M194, TY F, SCC,MASTERGLENIU 7700	43894M				LITER	ADMX TYFSCC MGN 7700
D	CHEM ADMIXTURE, AASHTO M194, TY G, EUCON 537	43751				GAL	ADMX TYG EUCON 537
D	CHEM ADMIXTURE, AASHTO M194, TY G, EUCON 537	43751M				LITER	ADMX TYG EUCON 537
D	CHEM ADMIXTURE, AASHTO M194, TY G, MIGHTY RD2	43750				GAL	ADMX TYG MITY RD2
D	CHEM ADMIXTURE, AASHTO M194, TY G, MIGHTY RD2	43750M				LITER	ADMX TYG MITY RD2
	CHEM ADMIXTURE, AASHTO M194, TY S, EUCON ABS	43940				GAL	ADMX TYS EUCON ABS
	CHEM ADMIXTURE, AASHTO M194, TY S, EUCON ABS	43940M				LITER	ADMX TYS EUCON ABS
	CHEM ADMIXTURE, AASHTO M194, TY S, MASTERMATRIX VMA 362	43818				GAL	ADMX TYS MMTRXVMA362
	CHEM ADMIXTURE, AASHTO M194, TY S, MASTERMATRIX 33	43878				GAL	ADMX TYS MMATRIX 33
	CHEM ADMIXTURE, AASHTO M194, TY S, MASTERMATRIX 33	43878M				LITER	ADMX TYS MMATRIX 33
	CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC VISCOCRETE 4100	43833				GAL	ADMX TYAFSCC VRT4100
	CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC VISCOCRETE 4100	43833M				LITER	ADMX TYAFSCC VRT4100
	CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC,MASTERGLENIU 7511	43915				GAL	ADMX TYAFSCC MGN7511
	CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC,MASTERGLENIU 7511	43915M				LITER	ADMX TYAFSCC MGN7511
	CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC,MASTERGLENIU 7920	43947				GAL	ADMX TYAFSCC MGN7920
	CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC,MASTERGLENIU 7920	43947M				LITER	ADMX TYAFSCC MGN7920
	CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC,SUPER FLO 2000 RM	43803				GAL	ADMX TYAFSCC 2000RM

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TYA, F, SCC, VISCOCRETE 2100	43820				GAL	ADMX TYAFSCC VCT2100
	CHEM ADMIXTURE, AASHTO M194, TYA, F, SCC, VISCOCRETE 2100	43820M				LITER	ADMX TYAFSCC VCT2100
D	CHEM ADMIXTURE, CI, CATEXOL CN-CI	43891				GAL	ADMX CI CNCI
D	CHEM ADMIXTURE, CI, CATEXOL CN-CI	43891M				LITER	ADMX CI CNCI
D	CHEM ADMIXTURE, CI, GRT POLYCHEM PCI	43801				GAL	ADMX CI PCI
	CHEM ADMIXTURE, CI, MASTERLIFE CL 222	43850				GAL	ADMX CI MLIFE CL222
	CHEM ADMIXTURE, CI, MASTERLIFE CL 222	43850M				LITER	ADMX CI MLIFE CL222
	CHEM ADMIXTURE, CI, SIKA CNI	43805				GAL	ADMX CI SIKA CNI
	CHEM ADMIXTURE, CI, SIKA CNI	43805M				LITER	ADMX CI SIKA CNI
	CHEM ADMIXTURE, LATEX EMULSION	43700				GAL	ADMX LATEX EMUL
	CHEM ADMIXTURE, LATEX EMULSION	43700M				LITER	ADMX LATEX EMUL
	CHEMICAL ADHESIVE, CAPSULE	42752	14	61		EA	CHEM ADHES CAP
	CHEMICAL ADHESIVE, CAPSULE	42752M	14	61		EA	CHEM ADHES CAP
	CHEMICAL ADHESIVE, CARTRIDGE	42751	43			GAL	CHEM ADHES CARTRIDGE
	CHEMICAL ADHESIVE, CARTRIDGE	42751M	43			LITER	CHEM ADHES CARTRIDGE
D	CHROMATED COPPER ARSENATE (CCA)	42804				GAL	CHROMATED CU ARS
D	CLAMP, GLARE GUARD, STAINLESS STEEL	58608				EA	CLAMP GLGRD STSTL
D	CLAMP, GLARE GUARD, STAINLESS STEEL	58608M				EA	CLAMP GLGRD STSTL
D	CLAMP, WIRE ROPE	80904				EA	CLAMP WIRE ROPE
D	CLAMP, WIRE ROPE	80904M				EA	CLAMP WIRE ROPE
D	CLEAR PROTECTIVE COATING FOR CONCRETE	70111				SQFT	CLEAR PROT COAT CONC
D	CLEAR PROTECTIVE COATING FOR CONCRETE	70111M				SQ M	CLEAR PROT COAT CONC
	CLIP, SIGN PANEL, STAINLESS STEEL	68610				EA	CLIP SIGN PAN SSTL
	CLIP, SIGN PANEL, STAINLESS STEEL	68610M				EA	CLIP SIGN PAN SSTL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CLOTH, PLASTIC FILTER	70901				LINFT	CLOTH PLASTIC FILTER
D	COAL-TAR PITCH, CTPWP (TYPE A)	38201				GAL	COAL-TAR P CTPWP TA
D	COAL-TAR PITCH, CTPWP (TYPE A)	38201M				LITER	COAL-TAR P CTPWP TA
D	COAL-TAR PITCH, CTPWP (TYPE B)	38202				GAL	COAL-TAR P CTPWP TB
D	COAL-TAR PITCH, CTPWP (TYPE B)	38202M				LITER	COAL-TAR P CTPWP TB
D	COAL-TAR PITCH, EMULSION (R-355)	38204				GAL	COAL-TAR P EMUL R355
D	COAL-TAR PITCH, EMULSION (R-355)	38204M				LITER	COAL-TAR P EMUL R355
	COAL-TAR PITCH, EMULSION-SYSTEM I (CTPE)	38203				GAL	COAL-TAR P EMUL SYI
	COAL-TAR PITCH, EMULSION-SYSTEM I (CTPE)	38203M				LITER	COAL-TAR P EMUL SYI
	COAL-TAR PITCH, EMULSION, AERONAUTICS	38205				GAL	COAL-TAR P EMUL AERO
	COAL-TAR PITCH, EMULSION, AERONAUTICS	38205M				LITER	COAL-TAR P EMUL AERO
D	COATING, TEXTURED(FOR INTERIOR & EXTERIOR MASONRY SURFACES.	41104				GAL	COATING TEXTURED
	COLD IN-PLACE RECYCLING (CIR)	17904				SQYD	CIR
	COLD IN-PLACE RECYCLING (CIR)	17904M				SQ M	CIR
	COLD MIX ASPHALT, OPEN GRADED	18299				TONS	CMA OPEN GR
	COLD MIX ASPHALT, OPEN GRADED	18299M				M TON	CMA OPEN GR
D	COLLAR, SEEPAGE, STEEL, ALUM-COATED	46218				EA	COLLAR SEEP ALST
D	COLLAR, SEEPAGE, STEEL, ALUM-COATED	46218M				EA	COLLAR SEEP ALST
D	COLLAR, SEEPAGE, STEEL, BIT COATED GALV.	46216				EA	COLLAR SEEP BIT CTD
D	COLLAR, SEEPAGE, STEEL, BIT COATED GALV.	46216M				EA	COLLAR SEEP BIT CTD
D	COLLAR, SEEPAGE, STEEL, GALV.	46213				EA	COLLAR SEEPAGE GVST
D	COLLAR, SEEPAGE, STEEL, GALV.	46213M				EA	COLLAR SEEPAGE GVST
	COLLAR, SEEPAGE, STEEL, PRECOATED GALV.	46215				EA	COLLAR SEEP PRCT
	COLLAR, SEEPAGE, STEEL, PRECOATED GALV.	46215M				EA	COLLAR SEEP PRCT

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	COMPOST	56306				CUYD	COMPOST
	COMPOST	56306M				CU M	COMPOST
D	COMPOUND, NON-SLIP, WALKWAY & WALKWAY MATTING	41101				GAL	COMPOUND NS WALK MAT
	CONCRETE SEALER, FILM FORMING	42726				GAL	CS FILM FORMING
	CONCRETE SEALER, FILM FORMING	42726M				LITER	CS FILM FORMING
	CONCRETE SEALER, PENETRATING	42725				GAL	CS PENETRATING
	CONCRETE SEALER, PENETRATING	42725M				LITER	CS PENETRATING
	CONCRETE, CELLULAR	21802				CUYD	CONCRETE CELLULAR
	CONCRETE, CELLULAR	21802M				CU M	CONCRETE CELLULAR
	CONCRETE, POLYMER	21623	10			CUYD	CONCRETE POLYMER
	CONCRETE, POLYMER	21623M	10			CU M	CONCRETE POLYMER
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, ROLLER COMPACTED	21642	10			CUYD	CONC PC GGBF RCC
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, ROLLER COMPACTED	21642M	10			SQ M	CONC PC GGBF RCC
	CONCRETE, PORTLAND BLAST-FURNACE SLAG CEMENT, FLY ASH	21632	10			CUYD	CONC PBFSC FLYASH
	CONCRETE, PORTLAND BLAST-FURNACE SLAG CEMENT, FLY ASH	21632M	10			CU M	CONC PBFSC FLYASH
	CONCRETE, PORTLAND CEMENT	21601	10			CUYD	CONCRETE PC
	CONCRETE, PORTLAND CEMENT	21601M	10			CU M	CONCRETE PC
	CONCRETE, PORTLAND CEMENT, FLY ASH, PERVIOUS	21635	10			CUYD	CONC PC FLY ASH PERV
	CONCRETE, PORTLAND CEMENT, FLY ASH, PERVIOUS	21635M	10			CU M	CONC PC FLY ASH PERV
	CONCRETE, PORTLAND CEMENT, FLYASH	21605	10			CUYD	CONCRETE PC FLYASH
	CONCRETE, PORTLAND CEMENT, FLYASH	21605M	10			CU M	CONCRETE PC FLYASH
	CONCRETE, PORTLAND CEMENT, FLYASH, GGBF SLAG, MICROSILICA	21628	10			CUYD	CONC PC FA GGBF MSIL
	CONCRETE, PORTLAND CEMENT, FLYASH, GGBF SLAG, MICROSILICA	21628M	10			CU M	CONC PC FA GGBF MSIL
	CONCRETE, PORTLAND CEMENT, FLYASH, METAKAOLIN	21614	10			CUYD	CONC PC FASH META

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CONCRETE, PORTLAND CEMENT, FLYASH, METAKAOLIN	21614M	10			CU M	CONC PC FASH META
	CONCRETE, PORTLAND CEMENT, FLYASH, MICROSILICA	21622	10			CUYD	CONC PC FASH MSIL
	CONCRETE, PORTLAND CEMENT, FLYASH, MICROSILICA	21622M	10			CU M	CONC PC FASH MSIL
	CONCRETE, PORTLAND CEMENT, FLYASH, ROLLER COMPACTED	21641	10			CUYD	CONC PC FLYASH RCC
	CONCRETE, PORTLAND CEMENT, FLYASH, ROLLER COMPACTED	21641M	10			SQ M	CONC PC FLYASH RCC
	CONCRETE, PORTLAND CEMENT, FLYASH, TYPE K	21638				CUYD	CONC PC FA TYPE K
	CONCRETE, PORTLAND CEMENT, FLYASH, TYPE K	21638M				CU M	CONC PC FA TYPE K
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, FLY ASH	21643	10			CUYD	CONC PC GGBF FLYASH
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, FLY ASH	21643M	10			CU M	CONC PC GGBF FLYASH
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, METAKAOLIN	21629	10			CUYD	CONC PC GGBF META
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, METAKAOLIN	21629M	10			CU M	CONC PC GGBF META
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, MICROSILICA	21627	10			CUYD	CONC PC GGBF MSIL
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, MICROSILICA	21627M	10			CU M	CONC PC GGBF MSIL
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, PERVIOUS	21636	10			CUYD	CONC PC GGBF PERV
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, PERVIOUS	21636M	10			CU M	CONC PC GGBF PERV
	CONCRETE, PORTLAND CEMENT, LATEX	21606	10			CUYD	CONCRETE PC LATEX
	CONCRETE, PORTLAND CEMENT, LATEX	21606M	10			CU M	CONCRETE PC LATEX
D	CONCRETE, PORTLAND CEMENT, METAKAOLIN	21612M	10			SQ M	CONC PC METAKAOLIN
	CONCRETE, PORTLAND CEMENT, METAKAOLIN	21613	10			CUYD	CONC PC METAKAOLIN
	CONCRETE, PORTLAND CEMENT, METAKAOLIN	21613M	10			CU M	CONC PC METAKAOLIN
	CONCRETE, PORTLAND CEMENT, MICROSILICA	21609	10			CUYD	CONC PC MICROSILICA
	CONCRETE, PORTLAND CEMENT, MICROSILICA	21609M	10			CU M	CONC PC MICROSILICA
	CONCRETE, PORTLAND CEMENT, PERVIOUS	21634	10			CUYD	CONC PC PERV
	CONCRETE, PORTLAND CEMENT, PERVIOUS	21634M	10			CU M	CONC PC PERV

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CONCRETE, PORTLAND CEMENT, ROLLER COMPACTED	21640	10			CUYD	CONC PC RCC
	CONCRETE, PORTLAND CEMENT, ROLLER COMPACTED	21640M	10			SQ M	CONC PC RCC
D	CONCRETE, PORTLAND CEMENT, SHRINKAGE-COMPENSATING	21610	10			CUYD	CONC PC SHRINK-COMP
D	CONCRETE, PORTLAND CEMENT, SHRINKAGE-COMPENSATING	21610M	10			CU M	CONC PC SHRINK-COMP
	CONCRETE, PORTLAND CEMENT, TYPE K	21637				CUYD	CONC PC TYPE K
	CONCRETE, PORTLAND CEMENT, TYPE K	21637M				CU M	CONC PC TYPE K
	CONCRETE, PORTLAND CEMENT, GROUND GRANULATED BLAST FURN SLAG	21611	10			CUYD	CONCRETE PC GGBF
	CONCRETE, PORTLAND CEMENT, GROUND GRANULATED BLAST FURN SLAG	21611M	10			CU M	CONCRETE PC GGBF
D	CONDUIT, ASBESTOS-CEMENT, TYPE 1	31001	14			LINFT	CONDUIT ACEM TY1
D	CONDUIT, ASBESTOS-CEMENT, TYPE 2	31002	14			LINFT	CONDUIT ACEM TY2
D	CONDUIT, BITUMINOUS FIBRE, TYPE 1	30901	14			LINFT	CONDUIT BIT FB TY1
D	CONDUIT, BITUMINOUS FIBRE, TYPE 2	30902	14			LINFT	CONDUIT BIT FB TY2
D	CONDUIT, FIBERGLASS REINFORCED EPOXY (FRE)	31701	14			LINFT	CONDUIT FRE
D	CONDUIT, FIBERGLASS REINFORCED EPOXY (FRE)	31701M	14			METER	CONDUIT FRE
D	CONDUIT, FLEXIBLE ALUMINUM	31401	14			LINFT	CONDUIT FAL
D	CONDUIT, FLEXIBLE ALUMINUM	31401M	14			METER	CONDUIT FAL
	CONDUIT, FLEXIBLE STEEL	31301	14			LINFT	CONDUIT FSTL
	CONDUIT, FLEXIBLE STEEL	31301M	14			METER	CONDUIT FSTL
	CONDUIT, FLEXIBLE STEEL, VINYL COATED	31302	14			LINFT	CONDUIT FSTL VC
	CONDUIT, FLEXIBLE STEEL, VINYL COATED	31302M	14			METER	CONDUIT FSTL VC
	CONDUIT, INTERMEDIATE METAL (IMC), UL 1242	30804	14			LINFT	CONDUIT INTR METIMC
	CONDUIT, INTERMEDIATE METAL (IMC), UL 1242	30804M	14			METER	CONDUIT INTR METIMC
	CONDUIT, RIGID ALUMINUM	31201	14			LINFT	CONDUIT RAL
	CONDUIT, RIGID ALUMINUM	31201M	14			METER	CONDUIT RAL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CONDUIT, RIGID PLASTIC, PVC, FIBEROPTIC, NEMA TC-10	31105				LINFT	CONDUIT PVC NEMATC10
D	CONDUIT, RIGID PLASTIC, PVC, FIBEROPTIC, NEMA TC-10	31105M				METER	CONDUIT PVC NEMATC10
	CONDUIT, RIGID PLASTIC, PVC, NEMA TC-2 (SCHEDULE 40)	31101	14			LINFT	COND RPVC NEMATC2 40
	CONDUIT, RIGID PLASTIC, PVC, NEMA TC-2 (SCHEDULE 40)	31101M	14			METER	COND RPVC NEMATC2 40
	CONDUIT, RIGID PLASTIC, PVC, NEMA TC-2 (SCHEDULE 80)	31106	14			LINFT	COND RPVC NEMATC2 80
	CONDUIT, RIGID PLASTIC, PVC, NEMA TC-2 (SCHEDULE 80)	31106M	14			METER	COND RPVC NEMATC2 80
	CONDUIT, RIGID PLASTIC, PVC, SPLIT REPAIR	31104	14			LINFT	CONDUIT PVC SPLT RE
	CONDUIT, RIGID STEEL, POLYMER COATED	30805	14			LINFT	CONDUIT RSTL POLY
	CONDUIT, RIGID STEEL, POLYMER COATED	30805M	14			METER	CONDUIT RSTL POLY
	CONDUIT, RIGID STEEL, PVC COATED	30803	14			LINFT	CONDUIT RSTL PVCC
	CONDUIT, RIGID STEEL, PVC COATED	30803M	14			METER	CONDUIT RSTL PVCC
	CONDUIT, RIGID STEEL, ZINC COATED ANSI 80.1	30801	14			LINFT	CONDUIT RSTL ZNC
	CONDUIT, RIGID STEEL, ZINC COATED ANSI 80.1	30801M	14			METER	CONDUIT RSTL ZNC
	CONDUIT, STAINLESS STEEL, TYPE 304 OR 316	30806	14	27		LINFT	CONDUIT SSTL
	CONDUIT, STAINLESS STEEL, TYPE 304 OR 316	30806M	14	27		METER	CONDUIT SSTL
D	CONE, TRAFFIC, DELENTAGUIDE	61336				EA	CONE TRAF DELENTAGDE
D	CONE, TRAFFIC, DELENTAGUIDE	61336M				EA	CONE TRAF DELENTAGDE
D	CONES, RUBBER	61328				EA	CONE RUBBER
D	CONES, RUBBER	61328M				EA	CONE RUBBER
D	CONES, TRAFFIC, EVA COPLYMER	61334				EA	CONES TRAFFIC EVA
D	CONES, TRAFFIC, EVA COPLYMER	61334M				EA	CONES TRAFFIC EVA
	CONES, TRAFFIC, POLY VINYL CHLORIDE	61326				EA	CONES TRAFFIC PVC
	CONES, TRAFFIC, POLY VINYL CHLORIDE	61326M				EA	CONES TRAFFIC PVC
D	CONES, TRAFFIC, POLY-VINYL CHLORIDE	49206	14			EA	CONES TRAFFIC PVC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CONFINEMENT SYSTEM, CELLULAR	72025	11	12	70	SQFT	CONFINEMENT SYS CELL
	CONFINEMENT SYSTEM, CELLULAR	72025M	11	12	70	SQ M	CONFINEMENT SYS CELL
	CONNECTORS, STUD SHEAR	65801	14	12		PC	CONNECTOR STUDSHEAR
	CONNECTORS, STUD SHEAR	65801M	14	12		EA	CONNECTOR STUDSHEAR
	CONTROL-MONITORING SYSTEM, LIGHTING (AERO)	33712				EA	CNTL-MNTRNG SYS LITE
	CONTROL-MONITORING SYSTEM, LIGHTING (AERO)	33712M				EA	CNTL-MNTRNG SYS LITE
	CONTROL, RADIO (AERO)	33709				EA	CONTROL RADIO
	CONTROL, RADIO (AERO)	33709M				EA	CONTROL RADIO
	CORPORATION STOPS, VALVE BRASS	77903				EA	CORP STOP VALVE BRAS
	CORPORATION STOPS, VALVE BRASS	77903M				EA	CORP STOP VALVE BRAS
	COTTER PINS	68605	14	12		PC	COTTER PINS
	COTTER PINS	68605M	14	12		EA	COTTER PINS
D	COUPLING, ABS, TRUSS	49104	14			EA	COUPLING ABS TRUSS
D	COUPLING, ABS, TRUSS	49104M	14			EA	COUPLING ABS TRUSS
D	COUPLING, BITUMINOUS FIBRE	53104	14			EA	COUPLING BITFB
D	COUPLING, BREAKAWAY SUPPORT, ALUMINUM	77603				EA	COUPLING BRKWYSUP AL
D	COUPLING, BREAKAWAY SUPPORT, ALUMINUM	77603M				EA	COUPLING BRKWYSUP AL
	COUPLING, CAST IRON PIPE	51313	14			EA	COUPLING CAST IRPIPE
	COUPLING, CAST IRON PIPE	51313M	14			EA	COUPLING CAST IRPIPE
D	COUPLING, CLAY PIPE	50302	14			EA	COUPLING CLAY PIPE
D	COUPLING, CLAY PIPE	50302M	14			EA	COUPLING CLAY PIPE
D	COUPLING, PIPE NO-BELL, POLY-VINYL CHLORIDE	49205	14			LINFT	COUPLING NOBELL PVC
D	COUPLING, PIPE NO-BELL, POLY-VINYL CHLORIDE	49205M	14			METER	COUPLING NOBELL PVC
	COUPLING, PIPE POLY-VINYL CHLORIDE	49204	14			LINFT	COUPLING PIPE PVC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	COUPLING, PIPE POLY-VINYL CHLORIDE	49204M	14			METER	COUPLING PIPE PVC
D	COUPLING, ROCK ANCHORS	63202	14			PC	COUPLING ROCK ANCHOR
D	COUPLING, ROCK ANCHORS	63202M	14			EA	COUPLING ROCK ANCHOR
D	COUPLING, SEMI-CIRCULAR	49401				EA	COUPLING SEMI-CIRCU
D	COUPLING, SEMI-CIRCULAR	49401M				EA	COUPLING SEMI-CIRCU
	COVER, (MONUMENT-SURVEY) ALUMINUM	78308M				EA	COVER (MON-SUR) AL
	COVER, (MONUMENT-SURVEY) BRASS	78304M				EA	COVER (MON-SUR) BR
	COVER, (MONUMENT/SURVEY) ALUMINUM	78308				EA	COVER (MON/SUR) AL
	COVER, (MONUMENT/SURVEY) BRASS	78304				PC	COVER (MON/SUR) BR
D	COVER, TYPE 2A	20803	9			EA	COVER T2A
D	COVER, TYPE 2A	20803M	9			EA	COVER T2A
D	COVER, TYPE 2B	20804	9			EA	COVER T2B
D	COVER, TYPE 2B	20804M	9			EA	COVER T2B
D	CREOSOTE OIL	42802				GAL	CREOSOTE OIL
D	CREOSOTE PRIMER CPWP	38601				GAL	CREO PRIMER CPWP
D	CREOSOTE PRIMER CPWP	38601M				LITER	CREO PRIMER CPWP
D	CRIBBING, CONCRETE	25601	11	19	13	EA	CRIBBING CONC
D	CRIBBING, STEEL	68001	16	13X12		SQFT	CRIBBING STEEL
D	CRIBBING, STEEL	68001M	16	13X12		SQ M	CRIBBING STEEL
	CROSS, JOINT MECHANICAL	51310	14	14		EA	CROSS JOINT MECH
	CROSS, JOINT MECHANICAL	51310M	14	14		EA	CROSS JOINT MECH
	CURB BOX, SPECIAL	20989	9	43		EA	CURB BOX SPECIAL
	CURB BOX, SPECIAL	20989M	9	43		EA	CURB BOX SPECIAL
	CURB PLATE, ALUM	78504	16	89		EA	CURB PLATE ALUM

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CURB PLATE, ALUM	78504M	16	89		EA	CURB PLATE ALUM
D	CURE, LINSEED OIL EMULSION NP-55	43601				GAL	CURE LNSED EMUL NP55
D	CURE, LINSEED OIL EMULSION, 44-1	43600				GAL	CURE LNSED EMUL 44-1
D	CUTTING BITS	68304	16	13X12		PC	CUTTING BITS
D	CUTTING BITS	68304M	16	13X12		EA	CUTTING BITS
D	CUTTING EDGES, GRADER BLADES (M-37)	68301	16	13X12		PC	CUT EDGES GB M37
D	CUTTING EDGES, GRADER BLADES (M-37)	68301M	16	13X12		EA	CUT EDGES GB M37
D	CUTTING EDGES, SNOW PLOW BLADES (M-50)	68302	16	13X12		PC	CUT EDGES SPB M50
D	CUTTING EDGES, SNOW PLOW BLADES (M-50)	68302M	16	13X12		EA	CUT EDGES SPB M50
D	CUTTING INSERTS, SNOW PLOW BLADES TUNGSTEN CARBIDE	68303	16	13X12		PC	CUT INSERTS SPB TC
D	CUTTING INSERTS, SNOW PLOW BLADES TUNGSTEN CARBIDE	68303M	16	13X12		EA	CUT INSERTS SPB TC
D	DEADMAN	25801	11	12	13	EA	DEADMAN
D	DEADMAN	25801M	11	12	13	EA	DEADMAN
D	DELINEATOR ACCESSORY	61203				PC	DELINEATOR ACCESSORY
D	DELINEATOR ACCESSORY	61203M				EA	DELINEATOR ACCESSORY
D	DELINEATOR DRUM, REFLECTIVE PLASTIC CONCRETE MEDIAN	61345				EA	DEL DRUM CONC MEDIAN
D	DELINEATOR DRUM, REFLECTIVE PLASTIC CONCRETE MEDIAN	61345M				EA	DEL DRUM CONC MEDIAN
	DETECTABLE WARNINGS FOR CURB RAMPS AND OTHER LOCATIONS	72026	73			SQFT	DETECTABLE WARNINGS
	DETECTABLE WARNINGS FOR CURB RAMPS AND OTHER LOCATIONS	72026M	73			SQ M	DETECTABLE WARNINGS
D	DIAPHRAGMS, STEEL	46203	33	16		EA	DIAPHRAGMS STEEL
D	DIAPHRAGMS, STEEL	46203M	33	16		EA	DIAPHRAGMS STEEL
	DISK BEARING (HLMR)	70322	68	75		EA	DISK BEARING (HLMR)
	DISK BEARING (HLMR)	70322M	68	75		EA	DISK BEARING (HLMR)
D	DISPERSING AGENT, ATTAGEL	41202				GAL	DISPER AG ATTAGEL

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	DISPERSING AGENT, LECITHIN	41201				GAL	DISPER AG LECITHIN
D	DISPERSING AGENT, ORGANO-MONT MORILLINATE	41203				GAL	DISPER AG ORG-MO-MOR
	DITCH CHECK, URETHANE FOAM-GEOTEXTILE FABRIC	56226				EA	DITCH CHK FOAM-GEOTX
	DITCH CHECK, URETHANE FOAM-GEOTEXTILE FABRIC	56226M				EA	DITCH CHK FOAM-GEOTX
D	DITCH CHECKS, STEEL	46204		16		SQFT	DITCH CHECKS STEEL
D	DITCH CHECKS, STEEL	46204M		16		SQ M	DITCH CHECKS STEEL
D	DOOR, ALUMINUM ABUTMENT	78502	16	11	13	EA	DOOR AL ABUTMENT
D	DOOR, ALUMINUM ABUTMENT	78502M	16	11	13	EA	DOOR AL ABUTMENT
	DOWEL BAR	62601	14	19		PC	DOWEL BAR
	DOWEL BAR	62601M	14	19		EA	DOWEL BAR
D	DOWEL BAR, AASHTO M-227, PAINTED	62604	14	19		PC	DOWEL BAR M227 PAINT
D	DOWEL BAR, AASHTO M-227, PLASTIC COATED	62602	14	19		PC	DOWEL BAR M227 PLTCT
D	DOWEL BAR, AASHTO M-227M, PAINTED	62604M	14	19		EA	DOWEL BAR M227MPAINT
D	DOWEL BAR, AASHTO M-227M, PLASTIC COATED	62602M	14	19		EA	DOWEL BAR M227MPLTCT
	DOWEL BAR, DEFORMED, EPOXY COATED, STANDARD 2426	62606	14	19	74	PC	DOWEL BAR DEF EPXCT
	DOWEL BAR, DEFORMED, EPOXY COATED, STANDARD 2426	62606M	14	19	74	EA	DOWEL BAR DEF EPXCT
	DOWEL BAR, DEFORMED, EPOXY COATED, PAVEMENT TIE OR MISC CONST	62608	14	19	74	PC	DOWEL BAR DEFEPXCTPV
	DOWEL BAR, DEFORMED, EPOXY COATED, PAVEMENT TIE OR MISC CONST	62608M	14	19	74	EA	DOWEL BAR DEFEPXCTPV
	DOWEL BAR, DEFORMED, PAVEMENT TIE OR MISC CONST	62607	14	19		PC	DOWEL BAR DEF PVMTIE
	DOWEL BAR, DEFORMED, PAVEMENT TIE OR MISC CONST	62607M	14	19		EA	DOWEL BAR DEF PVMTIE
D	DOWEL BAR, DEFORMED, STANDARD 2426	62605	14	19		PC	DOWEL BAR DEFORMED
D	DOWEL BAR, DEFORMED, STANDARD 2426	62605M	14	19		EA	DOWEL BAR DEFORMED
	DOWEL BAR, EPOXY COATED	62603	14	19	74	PC	DOWEL BAR EPCT
	DOWEL BAR, EPOXY COATED	62603M	14	19	74	EA	DOWEL BAR EPCT

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION	62702	11	19	74	PC	DOWEL BAR JAC
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION	62702M	11	19	74	EA	DOWEL BAR JAC
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, DIV AERO	62707	11	19		PC	DOWEL BAR JAC AERO
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, DIV AERO	62707M	11	19		EA	DOWEL BAR JAC AERO
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, EPOXY COATED	62706	11	19	74	PC	DOWEL BAR JAC EPCT
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, EPOXY COATED	62706M	11	19	74	EA	DOWEL BAR JAC EPCT
D	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, PAINTED	62708	11	19		PC	DOWEL BAR JAC PAINT
D	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, PAINTED	62708M	11	19		EA	DOWEL BAR JAC PAINT
D	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, PLASTIC COATED	62704	11	19	74	PC	DOWEL BAR JAC PLTCT
D	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, PLASTIC COATED	62704M	11	19	74	EA	DOWEL BAR JAC PLTCT
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION	62701	11	19	74	PC	DOWEL BAR JAE
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION	62701M	11	19	74	EA	DOWEL BAR JAE
	DOWEL BAR, JOINT ASSEMBLY EXPANSION, EPOXY COATED	62705	11	19	74	PC	DOWEL BAR JAE EPCT
	DOWEL BAR, JOINT ASSEMBLY EXPANSION, EPOXY COATED	62705M	11	19	74	EA	DOWEL BAR JAE EPCT
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION, PAINTED	62709	11	19		PC	DOWEL BAR JAE PAINT
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION, PAINTED	62709M	11	19		EA	DOWEL BAR JAE PAINT
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION, PLASTIC COATED	62703	11	19		PC	DOWEL BAR JAE PLTCT
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION, PLASTIC COATED	62703M	11	19		EA	DOWEL BAR JAE PLTCT
D	DOWEL BAR, PISTON	62609	14	19		EA	DOWEL BAR PISTON
D	DOWEL BAR, PISTON	62609M	14	19		EA	DOWEL BAR PISTON
	DRAIN SLOTTED, CIRC, HELICORR GALV. STEEL	46212	14			LINFT	DRAIN SLOT CIRC HICS
	DRAIN SLOTTED, CIRC, HELICORR GALV. STEEL	46212M	14			METER	DRAIN SLOT CIRC HICS
	DRAIN, HORIZONTAL STRIP	49654				LINFT	DRAIN HORIZON STRIP
	DRAIN, HORIZONTAL STRIP	49654M				METER	DRAIN HORIZON STRIP

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	DRAIN, SLOTTED, CIRC, BIT. COATED, CIRCUM CORR. GALV. STEEL	46209				LINFT	DRAIN SLT CRBITCT GS
D	DRAIN, SLOTTED, CIRC, BIT. COATED, CIRCUM CORR. GALV. STEEL	46209M				METER	DRAIN SLT CRBITCT GS
	DRAIN, SLOTTED, CIRC, CIRCUM CORR GALV. STEEL (VANE)	46206	14			LINFT	DRAIN SLOT CIRC CCGS
	DRAIN, SLOTTED, CIRC, CIRCUM CORR GALV. STEEL (VANE)	46206M	14			METER	DRAIN SLOT CIRC CCGS
	DRAIN, SLOTTED, CIRC, HELI CORR, ALUM. COATED STEEL	46219	14			LINFT	DRAIN SLT CIR HIALCT
	DRAIN, SLOTTED, CIRC, HELI CORR, ALUM. COATED STEEL	46219M	14			METER	DRAIN SLT CIR HIALCT
	DRAIN, SLOTTED, CIRC, HELI CORR, BIT. COATED, GALV. STEEL	46210	14			LINFT	DRAIN SLOT CIRC HIGS
	DRAIN, SLOTTED, CIRC, HELI CORR, BIT. COATED, GALV. STEEL	46210M	14			METER	DRAIN SLOT CIRC HIGS
D	DRAIN, SLOTTED, CIRC, HELICORR, RECOR END, GALV STEEL	46217	14			LINFT	DRAIN SLOT CHIBCR GS
D	DRAIN, SLOTTED, CIRC, HELICORR, RECOR END, GALV STEEL	46217M	14			METER	DRAIN SLOT CHIBCR GS
	DRAIN, SLOTTED, POLYMER PRECAST	49618	19	13		LINFT	DRAIN SLTD POLYMER
	DRAIN, SLOTTED, POLYMER PRECAST	49618M	19	13		METER	DRAIN SLTD POLYMER
	DRAIN, VERTICAL WICK	49650				LINFT	DRAIN VERTICAL WICK
	DRAIN, VERTICAL WICK	49650M				METER	DRAIN VERTICAL WICK
	DRAINS, ALUMINUM	78501	28	12	95	EA	DRAINS AL
	DRAINS, ALUMINUM	78501M	28	12	95	EA	DRAINS AL
D	DRAINS, DECK GALV CORR PIPE	46205	12X13 OR 14			EA	DRAIN DECK GV CORRST
D	DRAINS, DECK GALV CORR PIPE	46205M	12X13 OR 14			EA	DRAIN DECK GV CORRST
D	DRAINS, DECK, BIT. COATED GALV. CORP. PIPE	46208M				EA	DRAIN DK BITCT'GVCRS
	DRAINS, DECK, STEEL TUBE, GALV	68601	28	12		EA	DRAIN DECK STTUBE GV
	DRAINS, DECK, STEEL TUBE, GALV	68601M	28	12		EA	DRAIN DECK STTUBE GV
	DRAINS, DECK, THERMOSETTING RESIN	49900				EA	DRAINS DECK THRM RES
	DRAINS, DECK, THERMOSETTING RESIN	49900M				EA	DRAINS DECK THRM RES
D	DRAINS, DECK, YOLOY STEEL	68603	14			LINFT	DRAIN DECK YOLOY ST

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	DRAINS, DECK, YOLOY STEEL	68603M	14			METER	DRAIN DECK YOLOY ST
D	DRAINS, DECK,BIT. COATED GALV. CORP. PIPE	46208				EA	DRAIN DK BITCT'GVCRS
D	DRIER, CALCIUM (ASTM D600)	40804				GAL	DRIER CALCIUM D600
D	DRIER, COBALT (ASTM D600)	40802				GAL	DRIER COBALT D600
D	DRIER, LEAD (ASTM D600)	40801				GAL	DRIER LEAD D600
D	DRIER, MANGANESE (ASTM D600)	40803				GAL	DRIER MANGANESE D600
D	DROP BOX, METAL	46211	14			EA	DROP BOX METAL
D	DROP BOX, METAL	46211M	14			EA	DROP BOX METAL
D	DRUMS	61325				EA	DRUMS
D	DRUMS	61325M				EA	DRUMS
D	DUCT, ASBESTOS CEMENT W-C-571	31801				LINFT	DUCT ASB CMT W-C-571
D	DUCT, BITUMINOUS FIBER W-C-581	31800				LINFT	DUCT BIT FIB W-C-581
D	DUCT, PLASTIC W-C-1094	31802				LINFT	DUCT PLAST W-C-1094
D	DUCT, PLASTIC W-C-1094	31802M				METER	DUCT PLAST W-C-1094
D	DUCT, UTILITIES, PVC, NEMA TC-6	31103	14			LINFT	DUCT UTIL PVCNEMATC6
D	DUCT, UTILITIES, PVC, NEMA TC-6	31103M	14			METER	DUCT UTIL PVCNEMATC6
	DUCT, 100MM STEEL, DIRECT BURIAL	31820M				METER	DUCT 100 STL DR BURL
	DUCT, 100MM STEEL, JACKED	31821M				METER	DUCT 100 STL JACKED
	DUCT, 2 IN STEEL, DIRECT BURIAL	31818				LINFT	DUCT 2 STL DR BURIAL
	DUCT, 2 IN STEEL, JACKED	31819				LINFT	DUCT 2 STL JACKED
	DUCT, 4 IN STEEL, DIRECT BURIAL	31820				LINFT	DUCT 4 STL DR BURIAL
	DUCT, 4 IN STEEL, JACKED	31821				LINFT	DUCT 4 STL JACKED
	DUCT, 50MM STEEL, DIRECT BURIAL	31818M				METER	DUCT 50 STL DR BURL
	DUCT, 50MM STEEL, JACKED	31819M				METER	DUCT 50 STL JACKED

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	DUST, PC CONCRETE CORES	21701				EA	DUST PC CONC CORES
D	ELBOW PIPE BLACK STEEL	68016	14			EA	ELBOW PIPE BLK STEEL
D	ELBOW PIPE BLACK STEEL	68016M	14			EA	ELBOW PIPE BLK STEEL
D	ELBOW, ABS, TRUSS	49108	14	55		EA	ELBOW ABS TRUSS
D	ELBOW, ABS, TRUSS	49108M	14	55		EA	ELBOW ABS TRUSS
D	ELBOW, ARCH CIRC CIRCUM, BIT. COATED GALV. STEEL	45407	14	55		EA	ELBOW ARCH CCGSBITCT
D	ELBOW, ARCH CIRC CIRCUM, BIT. COATED GALV. STEEL	45407M	14	55		EA	ELBOW ARCH CCGSBITCT
D	ELBOW, ARCH CIRC CIRCUM, GALV. STEEL	45405	14	55		EA	ELBOW ARCH CCGS
D	ELBOW, ARCH CIRC CIRCUM, GALV. STEEL	45405M	14	55		EA	ELBOW ARCH CCGS
D	ELBOW, ARCH CIRC HELI CORR, GALV. STEEL	45505	14	55		EA	ELBOW ARCH CIRC HCGS
D	ELBOW, ARCH CIRC HELI CORR, GALV. STEEL	45505M	14	55		EA	ELBOW ARCH CIRC HCGS
D	ELBOW, ARCH HELI CORR., BIT. COATED GALV. STEEL	45507	14	55		EA	ELBOW ARCH HCGSBITCT
D	ELBOW, ARCH HELI CORR., BIT. COATED GALV. STEEL	45507M	14	55		EA	ELBOW ARCH HCGSBITCT
D	ELBOW, ASBESTOS-CEMENT, PIPE	53208	14	55		EA	ELBOW ACEMP
D	ELBOW, BITUMINOUS, FIBRE PIPE	53103	14	55		EA	ELBOW BITFB P
D	ELBOW, BOX SECTION, REINFORCED CONCRETE	48204	13X11	19	31	LINFT	ELBOW BOX SEC RECONC
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 1	48234	87	19		LINFT	ELBOW BOX SEC M259-1
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 2	48235	87	19		LINFT	ELBOW BOX SEC M259-2
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 3	48236	87	19		LINFT	ELBOW BOX SEC M259-3
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 1	48234M	87	19		METER	ELBOW BOX SEC M259M1
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 2	48235M	87	19		METER	ELBOW BOX SEC M259M2
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 3	48236M	87	19		METER	ELBOW BOX SEC M259M3
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 1	48215	13	11		LINFT	ELBOW BOX SEC M273-1
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 2	48216	87	19		LINFT	ELBOW BOX SEC M273-2

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273M TABLE 1	48215M	13	11		METER	ELBOW BOX SEC M273M1
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273M TABLE 2	48216M	87	19		METER	ELBOW BOX SEC M273M2
	ELBOW, BOX SECTION, REINFORCED CONCRETE ASTM C 1577 TABLE 1	48262	13	11		LINFT	ELBOW BX SEC C1577-1
	ELBOW, BOX SECTION, REINFORCED CONCRETE ASTM C 1577 TABLE 1	48262M	13	11		METER	ELBOW BX SEC C1577-1
	ELBOW, BOX SECTION, REINFORCED CONCRETE LRFD	48265	13	11		LINFT	ELBOW BOX SEC LRFD
	ELBOW, BOX SECTION, REINFORCED CONCRETE LRFD	48265M	13	11		METER	ELBOW BOX SEC LRFD
	ELBOW, BOX SECTION, REINFORCED CONCRETE, SPECIAL	48298	87			LINFT	ELBOW BOX SEC SPEC
	ELBOW, BOX SECTION, REINFORCED CONCRETE, SPECIAL	48298M	87			METER	ELBOW BOX SEC SPEC
D	ELBOW, CIRC CIRCUM CORR, ALUM-COATED STEEL	45217	14	55		EA	ELBOW CIRC CC AALST
D	ELBOW, CIRC CIRCUM CORR, ALUM-COATED STEEL	45217M	14	55		EA	ELBOW CIRC CC ALST
	ELBOW, CIRC CIRCUM PRECOATED GALV STEEL	45209	14	55		EA	ELBOW CIRC CCPRCT GS
	ELBOW, CIRC CIRCUM PRECOATED GALV STEEL	45209M	14	55		EA	ELBOW CIRC CCPRCT GS
D	ELBOW, CIRC CIRCUM, BIT. COATED GALV. STEEL	45207	14	55		EA	ELBOW CIRC CCGSBITCT
D	ELBOW, CIRC CIRCUM, BIT. COATED GALV. STEEL	45207M	14	55		EA	ELBOW CIRC CCGSBITCT
	ELBOW, CIRC CIRCUM, GALV. STEEL	45205	14	55		EA	ELBOW CIRC CCGS
	ELBOW, CIRC CIRCUM, GALV. STEEL	45205M	14	55		EA	ELBOW CIRC CCGS
	ELBOW, CIRC HELI CORR. GALV., STEEL	45305	14	55		EA	ELBOW CIRC HCGS
	ELBOW, CIRC HELI CORR. GALV., STEEL	45305M	14	55		EA	ELBOW CIRC HCGS
D	ELBOW, CIRC HELI CORR., BIT. COATED GALV. STEEL	45307	14	55		EA	ELBOW CIRC HCGSBITCT
D	ELBOW, CIRC HELI CORR., BIT. COATED GALV. STEEL	45307M	14	55		EA	ELBOW CIRC HCGSBITCT
	ELBOW, CIRC, HELI CORR, ALUM-COATED STEEL	45316	14	55		EA	ELBOW CIRC HC ALST
	ELBOW, CIRC, HELI CORR, ALUM-COATED STEEL	45316M	14	55		EA	ELBOW CIRC HC ALST
	ELBOW, CIRC, HELI CORR, RECORR END ANNUL, PRECOAT GALVSTEEL	45320	14	55		EA	ELBOW HCGS PRCTRECOR
	ELBOW, CIRC, HELI CORR, RECORR END ANNUL, PRECOAT GALVSTEEL	45320M	14	55		EA	ELBOW HCGS PRCTRECOR

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ELBOW, CLAY PIPE	50303	14			EA	ELBOW CLAY PIPE
D	ELBOW, CLAY PIPE	50303M	14			EA	ELBOW CLAY PIPE
D	ELBOW, NON-REINFORCED CONCRETE PIPE	48003	14	55	31	EA	ELBOW NONRECONC
D	ELBOW, NON-REINFORCED CONCRETE PIPE	48003M	14	55	31	EA	ELBOW NONRECONC
	ELBOW, POLY-VINYL CHLORIDE PIPE	49209	14	55		EA	ELBOW PVC PIPE
	ELBOW, POLY-VINYL CHLORIDE PIPE	49209M	14	55		EA	ELBOW PVC PIPE
	ELBOW, REINFORCED CONCRETE PIPE	48002	14	55		EA	ELBOW RECONC
	ELBOW, REINFORCED CONCRETE PIPE	48002M	14	55		EA	ELBOW RECONC
D	ELBOW, UNDERDRAIN, SEMICIRCULAR, BIT. COATED, STEEL	45805	14	55		EA	ELBOW UDRSEMI BITCT
D	ELBOW, UNDERDRAIN, SEMICIRCULAR, BIT. COATED, STEEL	45805M	14	55		EA	ELBOW UDRSEMI BITCT
D	ELBOW, UNDERDRAIN, SEMICIRCULAR, GALV. STEEL	45807	14	55		EA	ELBOW UDRSEMI GVST
D	ELBOW, UNDERDRAIN, SEMICIRCULAR, GALV. STEEL	45807M	14	55		EA	ELBOW UDRSEMI GVST
	EMULSIFIED ASPHALT (ANIONIC) AWP EMULSION	38102				GAL	EMULSIFIED ASP WP
	EMULSIFIED ASPHALT (ANIONIC) AWP EMULSION	38102M				LITER	EMULSIFIED ASP WP
D	ENAMEL, BATTLESHIP GRAY, FLAT (TT-P 30 D-COLOR 26307)	40117				GAL	ENAMEL BSHGRAY FLAT
D	ENAMEL, BATTLESHIP GRAY, FLAT (TT-P 30 D-COLOR 26307)	40117M				LITER	ENAMEL BSHGRAY FLAT
D	ENAMEL, BATTLESHIP GRAY, FLRDK (TTE-487, COLOR 16187)	40114				GAL	ENAMEL BSHGRAY FLRDK
D	ENAMEL, BATTLESHIP GRAY, FLRDK (TTE-487, COLOR 16187)	40114M				LITER	ENAMEL BSHGRAY FLRDK
D	ENAMEL, BATTLESHIP GRAY, SEMI-GLOSS ALKYD EXTERIOR	40119				GAL	ENAMEL BSHGRAY SG EX
D	ENAMEL, BATTLESHIP GRAY, SGL (TTE-529 CLASS A-COLOR 26307)	40112				GAL	ENAMEL BSHGRAY SGL
D	ENAMEL, BATTLESHIP GRAY, SGL (TTE-529 CLASS A-COLOR 26307)	40112M				LITER	ENAMEL BSHGRAY SGL
D	ENAMEL, BLACK NON-SKID MILW-5044	40120				GAL	ENAMEL BLK W-5044
D	ENAMEL, BLACK NON-SKID MILW-5044	40120M				LITER	ENAMEL BLK W-5044
D	ENAMEL, BLACK NON-SKID MILW-5044A	40314				GAL	ENAMEL BLK W-5044A

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ENAMEL, BLACK SIGN, AIR DRY (M102)	40105				GAL	ENAMEL BLKSN ADRM102
D	ENAMEL, BLACK SIGN, AIR DRY (M102)	40105M				LITER	ENAMEL BLKSN ADRM102
D	ENAMEL, BLACK SIGN, BAKING (M93)	40109				GAL	ENAMEL BLKSN BKM93
D	ENAMEL, CREAM SGL (TTE-529 CLASS A-COLOR 23717)	40111				GAL	ENAMEL CR SGL
D	ENAMEL, CREAM SGL (TTE-529 CLASS A-COLOR 23717)	40111M				LITER	ENAMEL CR SGL
D	ENAMEL, DOVE GRAY, LUSTERLESS (TTE-527, COLOR 36231)	40113				GAL	ENAMEL DVGRAY LUSTL
D	ENAMEL, DOVE GRAY, LUSTERLESS (TTE-527, COLOR 36231)	40113M				LITER	ENAMEL DVGRAY LUSTL
D	ENAMEL, GREEN FLRDK (TTE-487, COLOR KYANIZE #233 PATIO)	40116				GAL	ENAMEL GN FLRDK
D	ENAMEL, GREEN FLRDK (TTE-487, COLOR KYANIZE #233 PATIO)	40116M				LITER	ENAMEL GN FLRDK
D	ENAMEL, GREEN (TTE-489 COLOR 14062)	40121				GAL	ENAMEL GREEN TTE489
D	ENAMEL, GREEN (TTE-489 COLOR 14062)	40121M				LITER	ENAMEL GREEN TTE489
D	ENAMEL, GREEN, SEMI-GLOSS ALKYD EXTERIOR	40118				GAL	ENAMEL GN SG EX
D	ENAMEL, LIGHT GREEN SGL (TTE-529 CLASS A-COLOR 24533)	40110				GAL	ENAMEL LG SGL
D	ENAMEL, LIGHT GREEN SGL (TTE-529 CLASS A-COLOR 24533)	40110M				LITER	ENAMEL LG SGL
D	ENAMEL, ORANGE EQUIPMENT (M14)	40101				GAL	ENAMEL OR EQUIP M14
D	ENAMEL, ORANGE EQUIPMENT (M14)	40101M				LITER	ENAMEL OR EQUIP M14
D	ENAMEL, RED SIGN, AIR DRY (M102)	40102				GAL	ENAMEL REDSN ADRM102
D	ENAMEL, RED SIGN, AIR DRY (M102)	40102M				LITER	ENAMEL REDSN ADRM102
D	ENAMEL, RED SIGN, BAKING (M93)	40106				GAL	ENAMEL RED SN BKM93
D	ENAMEL, ROADSIDE TABLE (TTE-487 COLOR 30117) (STD 595A)	40115				GAL	ENAMEL RDSIDE TABLE
D	ENAMEL, ROADSIDE TABLE (TTE-487 COLOR 30117) (STD 595A)	40115M				LITER	ENAMEL RDSIDE TABLE
D	ENAMEL, T653	40122				GAL	ENAMEL TS T653
D	ENAMEL, WHITE SIGN, AIR DRY (M102)	40104				GAL	ENAMEL WHSN ADRM102
D	ENAMEL, WHITE SIGN, AIR DRY (M102)	40104M				LITER	ENAMEL WHSN ADRM102

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ENAMEL, WHITE SIGN, BAKING (M93)	40108				GAL	ENAMEL WHSN BKM93
D	ENAMEL, YELLOW SIGN, AIR DRY (M102)	40103				GAL	ENAMEL YLSN ADRM102
D	ENAMEL, YELLOW SIGN, AIR DRY (M102)	40103M				LITER	ENAMEL YLSN ADRM102
D	ENAMEL, YELLOW SIGN, BAKING (M93)	40107				GAL	ENAMEL YLSN BK M93
	END SECTION, CURLED	54306				EA	END SECTION CURLED
	END SECTION, CURLED	54306M				EA	END SECTION CURLED
	END SECTION, PIPE, CONCRETE, RECTANGULAR	25213	6	26	12	EA	END SEC PIPE CON RCT
	END SECTION, PIPE, CONCRETE, RECTANGULAR	25213M	6	26	12	EA	END SEC PIPE CON RCT
	END SECTION, PRECAST CONCRETE MEDIAN BARRIER	25517	19			EA	END SEC PC MED BAR
	END SECTION, PRECAST CONCRETE MEDIAN BARRIER	25517M	19			EA	END SEC PC MED BAR
	END SECTIONS, CIRCULAR, ALUM	52501	14			EA	END SEC CIRC ALUM
	END SECTIONS, CIRCULAR, ALUM	52501M	14			EA	END SEC CIRC ALUM
D	END SECTIONS, CIRCULAR, BIT. COATED GALV. STEEL	45903	14			EA	END SEC CIRC BITCTST
D	END SECTIONS, CIRCULAR, BIT. COATED GALV. STEEL	45903M	14			EA	END SEC CIRC BITCTST
	END SECTIONS, CIRCULAR, METAL	45901	14			EA	END SEC CIRC METAL
	END SECTIONS, CIRCULAR, METAL	45901M	14			EA	END SEC CIRC METAL
D	END SECTIONS, PIPE ARCH, ALUMINUM	52502	14			EA	END SEC PARCH ALUM
D	END SECTIONS, PIPE ARCH, ALUMINUM	52502M	14			EA	END SEC PARCH ALUM
D	END SECTIONS, PIPE ARCH, BIT. COATED GALV. STEEL	45904	14			EA	END SEC PARC BITCTST
D	END SECTIONS, PIPE ARCH, BIT. COATED GALV. STEEL	45904M	14			EA	END SEC PARC BITCTST
	END SECTIONS, PIPE ARCH, METAL	45902	14			EA	END SEC PARCH METAL
	END SECTIONS, PIPE ARCH, METAL	45902M	14			EA	END SEC PARCH METAL
	END SECTIONS, RETURN, STEEL PLATE BEAM GALV.	55107				EA	END SEC RETURN SPBM
	END SECTIONS, RETURN, STEEL PLATE BEAM GALV.	55107M				EA	END SEC RETURN SPBM

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	END SECTIONS, TERMINAL STEEL PLATE BEAM GALV.	55104	16			LINFT	END SEC TERM SPBM
	END SECTIONS, TERMINAL STEEL PLATE BEAM GALV.	55104M	16			METER	END SEC TERM SPBM
D	EPOXY BRIDGE SEAT SEALER, (BSP)	42706				GAL	EPOXY BR ST SEAL BSP
D	EPOXY COATING, STEEL REINFORCEMENT & DOWELS	42727				N/A	EPOXY CTG REIN DOWL
D	EPOXY COATING, STEEL REINFORCEMENT & DOWELS	42727M				N/A	EPOXY CTG REINF DOWL
D	EPOXY RESIN, BLACK, BRIDGE SEAL SEALANT	42701				GAL	EPOXY RESIN BLK BSS
D	EPOXY RESIN, BLACK, BRIDGE SEAL SEALANT	42701M				LITER	EPOXY RESIN BLK BSS
	EPOXY RESIN, BONDING ADHESIVE	42702				GAL	EPOXY RESIN BOND ADH
	EPOXY RESIN, BONDING ADHESIVE	42702M				LITER	EPOXY RESIN BOND ADH
D	EPOXY RESIN, BONDING ADHESIVE (THREE COMPONENTS)	42700				GAL	EPOXY BOND ADH 3PART
D	EPOXY RESIN, BONDING ADHESIVE (THREE COMPONENTS)	42700M				LITER	EPOXY BOND ADH 3PART
D	EPOXY, ARALDITE TYPE 1 84-104 F	42707				EA	EPOXY ARAL TI 84-104
D	EPOXY, ARALDITE TYPE 2 57-90 F	42708				EA	EPOXY ARAL T2 57-90
D	EPOXY, ARALDITE TYPE 3 40-63 F	42709				EA	EPOXY ARAL T3 40-63
D	EPOXY, DURALBOND 100, TYPE I	42703				GAL	EPOXY DRBD 100 TY I
D	EPOXY, DURALBOND 100, TYPE II	42704				GAL	EPOXY DRBD 100 TY II
D	EPOXY, DURALBOND 100, TYPE III	42705				GAL	EPOXY DRBD 100 TYIII
	EVERGREEN, CONIFEROUS AND BROADLEAF, ALL TYPES	56506	22			EA	EVERGREEN
	EVERGREEN, CONIFEROUS AND BROADLEAF, ALL TYPES	56506M	22			EA	EVERGREEN
D	EVERGREEN, SEEDLING H	56507	22			EA	EVERGREEN SEEDLING H
D	EVERGREEN, SEEDLING H	56507M	22			EA	EVERGREEN SEEDLING H
D	EXPANSION DAMS, NEOPRENE	62102	13	63		LINFT	EXP DAMS NP
D	EXPANSION DAMS, NEOPRENE	62102M	13	63		METER	EXP DAMS NP
D	EXPANSION JOINT TREATMENT, REINFORCED EPDM	62105	13			LINFT	EXP JT REINF EPDM

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	EXPANSION JOINT TREATMENT, REINFORCED EPDM	62105M	13			METER	EXP JT REINF EPDM
D	EXPANSION JOINT TREATMENT, REINFORCED NEOPRENE	62104	13			LINFT	EXP JT REINF NEOPRN
D	EXPANSION JOINT TREATMENT, REINFORCED NEOPRENE	62104M	13			METER	EXP JT REINF NEOPRN
	EXPANSION JOINT, MODULAR	62106	13			LINFT	EXP JOINT MODULAR
	EXPANSION JOINT, MODULAR	62106M	13			METER	EXP JOINT MODULAR
	EXPANSION JOINTS, EPDM	62103	13	63		LINFT	EXP JOINT EPDM
	EXPANSION JOINTS, EPDM	62103M	13	63		METER	EXP JOINT EPDM
	EXPANSION JOINTS, NEOPRENE	62101	13	63	65	LINFT	EXP JOINT NP
	EXPANSION JOINTS, NEOPRENE	62101M	13	63	65	METER	EXP JOINT NP
D	EXPANSIVE CEMENT, TYPE K	37705				CWT	EXPANSIVE CEMENT TYK
D	EXPANSIVE CEMENT, TYPE K	37705M				M TON	EXPANSIVE CEMENT TYK
	EXPANSIVE COMPONENT, TYPE K	37810				CWT	EXP COMP TYPE K
	EXPANSIVE COMPONENT, TYPE K	37810M				KG	EXP COMP TYPE K
	EXTRUSION, ALUMINUM, ASTM B221, ALLOY 6063-T6	60110	16			SQFT	EXTRUSION AL B221
	EXTRUSION, ALUMINUM, ASTM B221M, ALLOY 6063-T6	60110M	16			SQ M	EXTRUSION AL B221M
D	EXTRUSIONS (SIGNING)	61314				LINFT	EXTRUSIONS
D	EXTRUSIONS (SIGNING)	61314M				METER	EXTRUSIONS
D	FABRIC FILTER	70902				SQYD	FABRIC FILTER
	FABRIC PAVEMENT, WELDED WIRE, AASHTO M-221, DEFORM	62801M02	44	50	86	SQ M	FABRIC P WEWI DF
	FABRIC PAVEMENT, WELDED WIRE, AASHTO M-221, DEFORM, EPOXY	62801M05	44	50	86	SQ M	FABRIC P WEWI DF EPX
	FABRIC PAVEMENT, WELDED WIRE, AASHTO M-55, SMOOTH	62803M02	44	50	86	SQ M	FABRIC P WEWI SM
	FABRIC PAVEMENT, WELDED WIRE, DEFORM	6280102	44	50	86	SQYD	FABRIC P WEWI DF
	FABRIC PAVEMENT, WELDED WIRE, DEFORM, EPOXY	6280105	44	50	86	SQYD	FABRIC P WEWI DF EPX
	FABRIC PAVEMENT, WELDED WIRE, SMOOTH	6280302	44	50	86	SQYD	FABRIC P WEWI SM

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FABRIC PAVEMENT, WELDED WIRE, SMOOTH & DEFORM	62802M02	44	50	86	SQ M	FABRIC P WEWI SMDF
	FABRIC PAVEMENT, WELDED WIRE, SMOOTH & DEFORM	6280202	44	50	86	SQYD	FABRIC P WEWI SMDF
D	FABRIC, CHAIN LINK FENCE, ALUMINUM	57701	18			LINFT	FABRIC CHLF AL
D	FABRIC, CHAIN LINK FENCE, ALUMINUM	57701M	18			METER	FABRIC CHLF AL
	FABRIC, CHAIN LINK FENCE, ALUMINUM COATED STEEL	57702	18			LINFT	FABRIC CHLFAL CT STL
	FABRIC, CHAIN LINK FENCE, ALUMINUM COATED STEEL	57702M	18			METER	FABRIC CHLFAL CT STL
	FABRIC, CHAIN LINK FENCE, GALVANIZED STEEL	57703	18			LINFT	FABRIC CHLF GALV STL
	FABRIC, CHAIN LINK FENCE, GALVANIZED STEEL	57703M	18			METER	FABRIC CHLF GALV STL
D	FABRIC, CHAIN LINK FENCE, MODIFIED	57705				LINFT	FABRIC CHLF MODIFIED
D	FABRIC, CHAIN LINK FENCE, MODIFIED	57705M				METER	FABRIC CHLF MODIFIED
	FABRIC, CHAIN LINK FENCE, SPECIAL	57706				LINFT	FABRIC CHLF SPECIAL
	FABRIC, CHAIN LINK FENCE, SPECIAL	57706M				METER	FABRIC CHLF SPECIAL
	FABRIC, CHAIN LINK FENCE, VINYL COATED GALVANIZED STEEL	57704	18			LINFT	FABRIC CHLF C GV STL
	FABRIC, CHAIN LINK FENCE, VINYL COATED GALVANIZED STEEL	57704M	18			METER	FABRIC CHLF C GV STL
	FABRIC, ENVELOPE	49820	69	70		LINFT	FABRIC ENVELOPE
	FABRIC, ENVELOPE	49820M	69	70		METER	FABRIC ENVELOPE
	FABRIC, EROSION MAT	56215				SQYD	FABRIC EROSION MAT
	FABRIC, EROSION MAT	56215M				SQ M	FABRIC EROSION MAT
D	FABRIC, EXPANDED METAL	62805	44	41		SQYD	FABRIC EXPAND METAL
D	FABRIC, EXPANDED METAL	62805M	44	41		SQ M	FABRIC EXPAND METAL
D	FABRIC, FIBERGLAS KNITTED GRID	38510				SQYD	FABRIC FG KNTD GRID
D	FABRIC, FIBERGLAS KNITTED GRID	38510M				SQ M	FABRIC FG KNTD GRID
D	FABRIC, FIBERGLAS NON-WOVEN	38511				SQYD	FABRIC FIBGLS NONWOV
D	FABRIC, FIBERGLAS NON-WOVEN	38511M				SQ M	FABRIC FIBGLS NONWOV

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FABRIC, FIBERGLAS WOVEN	38509				SQYD	FABRIC FIBERGLAS WOV
	FABRIC, FIBERGLAS WOVEN	38509M				SQ M	FABRIC FIBERGLAS WOV
D	FABRIC, GLASGRID WOVEN	38507				SQFT	FABRIC, GLASGRID W
D	FABRIC, GLASS, ASPHALT	38503				SQFT	FABRIC GLASS ASPHALT
D	FABRIC, GLASS, ASPHALT	38503M				SQ M	FABRIC GLASS ASPHALT
D	FABRIC, GLASS, TAR	38504				SQFT	FABRIC GLASS TAR
D	FABRIC, GLASS, TAR	38504M				SQ M	FABRIC GLASS TAR
	FABRIC, KNITTED POLYESTER	49813	69	70		SQYD	FABRIC KNIT PESTER
	FABRIC, KNITTED POLYESTER	49813M	69	70		SQ M	FABRIC KNIT PESTER
	FABRIC, NON-WOVEN POLYESTER	49811	69	70		SQYD	FABRIC NONWOV PESTER
	FABRIC, NON-WOVEN POLYESTER	49811M	69	70		SQ M	FABRIC NONWOV PESTER
	FABRIC, NON-WOVEN, HIGH DENSITY POLYETHYLENE	49814	69	70		SQYD	FABRIC NONWOV HDPE
	FABRIC, NON-WOVEN, HIGH DENSITY POLYETHYLENE	49814M	69	70		SQ M	FABRIC NONWOV HDPE
	FABRIC, NONWOVEN, POLYPROPYLENE	49801	69	70		SQYD	FABRIC NONWOV PPLENE
	FABRIC, NONWOVEN, POLYPROPYLENE	49801M	69	70		SQ M	FABRIC NONWOV PPLENE
	FABRIC, RESIN, GLASS	38505				SQFT	FABRIC RESIN GLASS
	FABRIC, RESIN, GLASS	38505M				SQ M	FABRIC RESIN GLASS
D	FABRIC, ROADGLAS	38506				SQFT	FABRIC ROADGLAS
	FABRIC, SILT FENCE	49821				LINFT	FABRIC SILT FENCE
	FABRIC, SILT FENCE	49821M				METER	FABRIC SILT FENCE
D	FABRIC, TYPE A COTTON	38501				SQFT	FAB TYA COTTON
D	FABRIC, TYPE A COTTON	38501M				SQ M	FAB TYA COTTON
D	FABRIC, TYPE B COTTON	38502				SQFT	FAB TYB COTTON
D	FABRIC, TYPE B COTTON	38502M				SQ M	FAB TYB COTTON

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	FABRIC, WEED BARRIER	49822	70			SQYD	FABRIC WEED BARRIER
D	FABRIC, WEED BARRIER	49822M	70			SQ M	FABRIC WEED BARRIER
D	FABRIC, WELDED WIRE	62802				SQYD	FABRIC WEWI SMDFME
	FABRIC, WELDED WIRE, AASHTO M-221, DEFORM	62801M01	44	50	86	SQ M	FABRIC WEWI DF
D	FABRIC, WELDED WIRE, AASHTO M-221, DEFORM, EPOXY COATED	62801M04	44	45	46	SQ M	FABRIC WEWI DF EPOXY
	FABRIC, WELDED WIRE, AASHTO M-55, SMOOTH	62803M01	44	50	86	SQ M	FABRIC WEWI SM
	FABRIC, WELDED WIRE, AASHTO M-55, SMOOTH, EPOXY COATED	62803M04	44	50	74	SQ M	FABRIC WEWI SM EPCTO
	FABRIC, WELDED WIRE, AASHTO M-55, SMOOTH, GALV.	62803M03	44	50	86	SQ M	FABRIC WEWI SM GV
	FABRIC, WELDED WIRE, DEFORM	6280101	44	50	86	SQYD	FABRIC WEWI DF
D	FABRIC, WELDED WIRE, DEFORM, EPOXY COATED	6280104	44	45	46	SQYD	FABRIC WEWI DF EPOXY
	FABRIC, WELDED WIRE, SMOOTH	6280301	44	50	86	SQYD	FABRIC WEWI SM
	FABRIC, WELDED WIRE, SMOOTH & DEFORM	62802M01	44	50	86	SQ M	FABRIC WEWI SMDF
	FABRIC, WELDED WIRE, SMOOTH & DEFORM	6280201	44	50	86	SQYD	FABRIC WEWI SMDF
	FABRIC, WELDED WIRE, SMOOTH, EPOXY COATED	6280304	44	50	74	SQYD	FABRIC WEWI SM EPCTO
	FABRIC, WELDED WIRE, SMOOTH, GALV.	6280303	44	50	86	SQYD	FABRIC WEWI SM GV
	FABRIC, WOVEN POLYESTER	49812	69	70		SQYD	FABRIC WOV PESTER
	FABRIC, WOVEN POLYESTER	49812M	69	70		SQ M	FABRIC WOV PESTER
	FABRIC, WOVEN WIRE FENCE, ALUMINUM COATED STEEL	57801	18			LINFT	FABRIC WWF AL CT STL
	FABRIC, WOVEN WIRE FENCE, ALUMINUM COATED STEEL	57801M	18			METER	FABRIC WWF AL CT STL
	FABRIC, WOVEN WIRE FENCE, GALVANIZED STEEL	57802	18			LINFT	FABRIC WWF GALV STL
	FABRIC, WOVEN WIRE FENCE, GALVANIZED STEEL	57802M	18			METER	FABRIC WWF GALV STL
D	FABRIC, WOVEN WIRE FENCE, MODIFIED	57803				LINFT	FABRIC WWF MODIFIED
D	FABRIC, WOVEN WIRE FENCE, MODIFIED	57803M				METER	FABRIC WWF MODIFIED
	FABRIC, WOVEN WIRE FENCE, SPECIAL	57804				LINFT	FABRIC WWF SPECIAL

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FABRIC, WOVEN WIRE FENCE, SPECIAL	57804M				METER	FABRIC WWF SPECIAL
	FABRIC, WOVEN, POLYPROPYLENE	49800	69	70		SQYD	FABRIC WOV PPLENE
	FABRIC, WOVEN, POLYPROPYLENE	49800M	69	70		SQ M	FABRIC WOV PPLENE
D	FACE, SIGN, REFLECTIVE SHEETING	60202	6	32	35	EA	FACE SIGN REF SHEET
D	FASTENERS, WOVEN WIRE FENCE	58603				EA	FASTENERS WWF
D	FASTENERS, WOVEN WIRE FENCE	58603M				EA	FASTENERS WWF
	FENCE, ORNAMENTAL	57902	18	27		LINFT	FENCE ORNAMENTAL
D	FENCE, SNOW (M 127)	81002				LINFT	FENCE SNOW M 127
D	FENCE, SNOW (M 127)	81002M				METER	FENCE SNOW M 127
D	FENCE, SNOW (M 4)	81001				LINFT	FENCE SNOW M 4
D	FENCE, SNOW (M 4)	81001M				METER	FENCE SNOW M 4
D	FENCE, TEMPORARY, HIGH VISIBILITY	81003	18			LINFT	FENCE TEMP HI VIS
D	FENCE, TEMPORARY, HIGH VISIBILITY	81003M				METER	FENCE TEMP HI VIS
D	FERRULES, GLARE GUARD	58609				EA	FERRULE GLGRD
D	FERRULES, GLARE GUARD	58609M				EA	FERRULE GLGRD
	FERTILIZER NUTRIENT, NITROGEN	56101				LB	FERT NUTRIENT NITRO
	FERTILIZER NUTRIENT, NITROGEN	56101M				KG	FERT NUTRIENT NITRO
	FERTILIZER NUTRIENT, PHOSPHORUS	56102				LB	FERT NUTRIENT PHOS
	FERTILIZER NUTRIENT, PHOSPHORUS	56102M				KG	FERT NUTRIENT PHOS
	FERTILIZER NUTRIENT, POTASSIUM	56103				LB	FERT NUTRIENT POTAS
	FERTILIZER NUTRIENT, POTASSIUM	56103M				KG	FERT NUTRIENT POTAS
	FIELD SOIL COMPACTION	75000				CUYD	FIELD SOIL COMPACT
	FIELD SOIL COMPACTION	75000M				M TON	FIELD SOIL COMPACT
	FILTER, INLET, SEDIMENT CONTROL	72024	14			EA	FILTER INLT SED CNTL

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FILTER, INLET, SEDIMENT CONTROL	72024M	14			EA	FILTER INLT SED CNTL
	FILTER, INLET, SEDIMENT CONTROL, ABOVE GRADE	72028	14			EA	FILTER IN SED ABV GR
	FILTER, INLET, SEDIMENT CONTROL, ABOVE GRADE	72028M	14			EA	FILTER IN SED ABV GR
	FIRE HYDRANTS	70701				EA	FIRE HYDRANTS
	FIRE HYDRANTS	70701M				EA	FIRE HYDRANTS
D	FITTING, CONDUIT ASBESTOS-CEMENT	31003	14			EA	FITTING ACEM
D	FITTING, CONDUIT BITUMINOUS FIBRE	30903	14			EA	FITTING BIT FB
D	FITTING, CONDUIT RIGID ALUMINUM	31202	14			EA	FITTING RAL
D	FITTING, CONDUIT RIGID ALUMINUM	31202M	14			EA	FITTING RAL
	FITTING, CONDUIT RIGID PLASTIC	31102	14			EA	FITTING RPVC
	FITTING, CONDUIT RIGID PLASTIC	31102M	14			EA	FITTING RPVC
	FITTING, CONDUIT RIGID STEEL, ZINC COATED ANSI 80.1	30802	14			EA	FITTING RSTL ZNC
	FITTING, CONDUIT RIGID STEEL, ZINC COATED ANSI 80.1	30802M	14			EA	FITTING RSTL ZNC
	FITTING, CONDUIT, STAINLESS STEEL, TYPE 304 OR 316	30807	14	27		EA	FITTING SSTL
	FITTING, CONDUIT, STAINLESS STEEL, TYPE 304 OR 316	30807M	14	27		EA	FITTING SSTL
	FITTING, ELBOW	51314	14	55		EA	FITTING ELBOW
	FITTING, ELBOW	51314M	14	55		EA	FITTING ELBOW
D	FITTING, ELBOW 22 1/2 DEGREE	51302	14			EA	FITTING ELBOW 22 1/2
D	FITTING, ELBOW 45 DEGREE	51303	14			EA	FITTING ELBOW 45
D	FITTING, ELBOW 90 DEGREE	51304	14			EA	FITTING ELBOW 90
	FITTING, REDUCER, CAST IRON	51305	14	14		EA	FITTING REDUCER
	FITTING, REDUCER, CAST IRON	51305M	14	14		EA	FITTING REDUCER
	FITTING, T , CAST IRON	51301	14	14		EA	FITTING T CAST IRON
	FITTING, T , CAST IRON	51301M	14	14		EA	FITTING T CAST IRON

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FITTING, TUBING DRAINAGE, POLYETHYLENE CORRUGATED	49302	14			EA	FITTING TBRAIN PE
	FITTING, TUBING DRAINAGE, POLYETHYLENE CORRUGATED	49302M	14			EA	FITTING TBRAIN PE
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B-209 ALLOY 6061-T651	61105	14X14	16		EA	FLANGE SPL ALTR B209
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B-221 ALLOY 6061-T6	61106	14X14	16		EA	FLANGE SPL ALTR B221
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B-26 ALLOY 356-T7	61104	14X14	16		EA	FLANGE SPL ALTR B26
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B209M ALLOY 6061-T651	61105M	14X14	16		EA	FLANGE SP ALTR B209M
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B221M ALLOY 6061-T6	61106M	14X14	16		EA	FLANGE SP ALTR B221M
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B26M ALLOY 356-T7	61104M	14X14	16		EA	FLANGE SP ALTR B26M
D	FLANGE SPLICING, STEEL TRUSS, AASHTO M-183	61103	14X14	16		EA	FLANGE SPL STTR M183
D	FLANGE SPLICING, STEEL TRUSS, AASHTO M183M	61103M	14X14	16		EA	FLANGE SP STTR M183M
	FLARED END SECTION, REINFORCED CONCRETE, CIRCULAR	25701	14		31	EA	FLA END SEC RC CIRC
	FLARED END SECTION, REINFORCED CONCRETE, CIRCULAR	25701M	14		31	EA	FLA END SEC RC CIRC
	FLARED END SECTION, REINFORCED CONCRETE, ELLIPTICAL	25704	26		31	EA	FLA END SEC RC ELLIP
	FLARED END SECTION, REINFORCED CONCRETE, ELLIPTICAL	25704M	26		31	EA	FLA END SEC RC ELLIP
	FLARED END SECTION, STEEL PLATE BEAM, GALV.	55105	16			EA	FLARED END SEC SPBM
	FLARED END SECTION, STEEL PLATE BEAM, GALV.	55105M	16			EA	FLARED END SEC SPBM
D	FLARED END, BOX SECTION	48205	11	13		EA	FLARED END BOX SECT
	FLAT TOP SLAB, CONCRETE	25204	14		16	EA	FLAT TOP SLAB
	FLAT TOP SLAB, CONCRETE	25204M	14		16	EA	FLAT TOP SLAB
	FLAT TOP SLAB, RECTANGULAR	25216	6	27	16	EA	FLAT TOP SLAB RECT
	FLAT TOP SLAB, RECTANGULAR	25216M	6	27	16	EA	FLAT TOP SLAB RECT
D	FLOATING BEARING, FIXED	70313	68			EA	FLOATING BEARING F
D	FLOATING BEARING, FIXED	70313M	68			EA	FLOATING BEARING F
D	FLOATING BEARING, GUIDED EXPANSION	70314	68			EA	FLOATING BEARING GE

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	FLOATING BEARING, GUIDED EXPANSION	70314M	68			EA	FLOATING BEARING GE
D	FLOATING BEARING, NON-GUIDED EXPANSION	70315	68			EA	FLOATING BEARING NGE
D	FLOATING BEARING, NON-GUIDED EXPANSION	70315M	68			EA	FLOATING BEARING NGE
	FLOTATION SILT CURTAIN, STILL WATER	56227				LINFT	FLOAT SILT CRTN SW
	FLOTATION SILT CURTAIN, STILL WATER	56227M				METER	FLOAT SILT CRTN SW
	FLYASH CLASS C	37801				CWT	FLYASH CLASS C
	FLYASH CLASS C	37801M				M TON	FLYASH CLASS C
D	FLYASH CLASS C CONDITIONED	37800				TONS	FLYASH CLC CONDITION
D	FLYASH CLASS C CONDITIONED	37800M				M TON	FLYASH CLC CONDITION
	FLYASH CLASS F	37802				CWT	FLYASH CLASS F
	FLYASH CLASS F	37802M				M TON	FLYASH CLASS F
	FOAM, EXPANDING POLYURETHANE, HIGH DENSITY	72027				LB	FOAM EXP POLYURE HD
	FOAM, EXPANDING POLYURETHANE, HIGH DENSITY	72027M				LITER	FOAM EXP POLYURE HD
	FOOTING, PRECAST	25515	87	19		LINFT	FOOTING PRECAST
	FOOTING, PRECAST	25515M	87	19		METER	FOOTING PRECAST
D	FORGINGS, STEEL (FOR BRIDGES)	66001	14	12		LB	FORGINGS STEEL BR
D	FORMS, PERMANENT BRIDGE DECK, GALV.	68002	16	13X12		SQFT	FORMS PMT BR DK GALV
D	FORMS, PERMANENT BRIDGE DECK, GALV.	68002M	16	13X12		SQ M	FORMS PMT BR DK GALV
D	FOUNDATION, CONCRETE, WOOD POST STANDARD 2320	25516	14	18		EA	FOUNDATION CONC WPST
D	FOUNDATION, CONCRETE, WOOD POST STANDARD 2320	25516M	14	18		EA	FOUNDATION CONC WPST
	FOUNDATION, POLE, STEEL	33504				EA	FOUNDATION POLE STL
	FOUNDATION, POLE, STEEL	33504M				EA	FOUNDATION POLE STL
	FRAME & GRATE	20499	9	6	95	EA	FR & GRAT
	FRAME & GRATE	20499M	9	6	95	EA	FR & GRAT

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FRAME & GRATE, SPECIAL	20489	9	43	95	EA	FR & GRAT SPEC
	FRAME & GRATE, SPECIAL	20489M	9	43	95	EA	FR & GRAT SPEC
D	FRAME & GRATE, TYPE B-18	20412	9			EA	FR & GRAT TYB18
D	FRAME & GRATE, TYPE B-18	20412M	9			EA	FR & GRAT TYB18
D	FRAME & GRATE, TYPE B-24	20413	9			EA	FR & GRAT TYB24
D	FRAME & GRATE, TYPE B-24	20413M	9			EA	FR & GRAT TYB24
	FRAME & GRATE, TYPE IIV	20420M	9			EA	FR & GRAT TY11V
	FRAME & GRATE, TYPE 10	20405	9			EA	FR & GRAT TY10
	FRAME & GRATE, TYPE 10	20405M	9			EA	FR & GRAT TY10
	FRAME & GRATE, TYPE 11	20406	9			EA	FR & GRAT TY11
	FRAME & GRATE, TYPE 11	20406M	9			EA	FR & GRAT TY11
	FRAME & GRATE, TYPE 11V	20420	9			EA	FR & GRAT TY11V
	FRAME & GRATE, TYPE 12	20407	9			EA	FR & GRAT TY12
	FRAME & GRATE, TYPE 12	20407M	9			EA	FR & GRAT TY12
	FRAME & GRATE, TYPE 20	20414	9			EA	FR & GRAT TY20
	FRAME & GRATE, TYPE 20	20414M	9			EA	FR & GRAT TY20
	FRAME & GRATE, TYPE 21	20415	9			EA	FR & GRAT TY21
	FRAME & GRATE, TYPE 21	20415M	9			EA	FR & GRAT TY21
	FRAME & GRATE, TYPE 22	20416	9			EA	FR & GRAT TY22
	FRAME & GRATE, TYPE 22	20416M	9			EA	FR & GRAT TY22
	FRAME & GRATE, TYPE 23	20417	9			EA	FR & GRAT TY23
	FRAME & GRATE, TYPE 23	20417M	9			EA	FR & GRAT TY23
	FRAME & GRATE, TYPE 24	20418	9			EA	FR & GRAT TY24
	FRAME & GRATE, TYPE 24	20418M	9			EA	FR & GRAT TY24

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	FRAME & GRATE, TYPE 29	20408	9			EA	FR & GRAT TY29
D	FRAME & GRATE, TYPE 29	20408M	9			EA	FR & GRAT TY29
	FRAME & GRATE, TYPE 3	20401	9			EA	FR & GRAT TY3
	FRAME & GRATE, TYPE 3	20401M	9			EA	FR & GRAT TY3
	FRAME & GRATE, TYPE 3V	20419	9			EA	FR & GRAT TY3V
D	FRAME & GRATE, TYPE 31	20409	9			EA	FR & GRAT TY31
D	FRAME & GRATE, TYPE 31	20409M	9			EA	FR & GRAT TY31
D	FRAME & GRATE, TYPE 32	20410	9			EA	FR & GRAT TY32
D	FRAME & GRATE, TYPE 32	20410M	9			EA	FR & GRAT TY32
D	FRAME & GRATE, TYPE 34	20411	9			EA	FR & GRAT TY34
D	FRAME & GRATE, TYPE 34	20411M	9			EA	FR & GRAT TY34
	FRAME & GRATE, TYPE 4	20402	9			EA	FR & GRAT TY4
	FRAME & GRATE, TYPE 4	20402M	9			EA	FR & GRAT TY4
	FRAME & GRATE, TYPE 6	20403	9			EA	FR & GRAT TY6
	FRAME & GRATE, TYPE 6	20403M	9			EA	FR & GRAT TY6
	FRAME & GRATE, TYPE 9	20404	9			EA	FR & GRAT TY9
	FRAME & GRATE, TYPE 9	20404M	9			EA	FR & GRAT TY9
D	FRAME & LID, METER	20606	9			EA	FR & LID METER
D	FRAME & LID, METER	20606M	9			EA	FR & LID METER
	FRAME & LID, SPECIAL	20689	9	43	95	EA	FR & LID SPEC
	FRAME & LID, SPECIAL	20689M	9	43	95	EA	FR & LID SPEC
	FRAME & LID, TYPE 1 CLOSED LID	20602	9			EA	FR & LID TY1 CLID
	FRAME & LID, TYPE 1 CLOSED LID	20602M	9			EA	FR & LID TY1 CLID
	FRAME & LID, TYPE 1 OPEN LID	20601	9			EA	FR & LID TY1 OLID

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FRAME & LID, TYPE 1 OPEN LID	20601M	9			EA	FR & LID TY1 OLID
	FRAME & LID, TYPE 15	20605	9			EA	FR & LID TY15
	FRAME & LID, TYPE 15	20605M	9			EA	FR & LID TY15
	FRAME & LID, TYPE 5 CLOSED LID	20604	9			EA	FR & LID TY5 CLID
	FRAME & LID, TYPE 5 CLOSED LID	20604M	9			EA	FR & LID TY5 CLID
	FRAME & LID, TYPE 5 OPEN LID	20603	9			EA	FR & LID TY5 OLID
	FRAME & LID, TYPE 5 OPEN LID	20603M	9			EA	FR & LID TY5 OLID
	FRAME AND GRATE, GALV.	68401	6	89		SQFT	FRAME & GRATE GALV
	FRAME AND GRATE, GALV.	68401M	6	89		SQ M	FRAME & GRATE GALV
	FRAME, CAST IRON	20199	9	6	95	EA	FRAME
	FRAME, CAST IRON	20199M	9	6	95	EA	FRAME
	FRAME, GALV.	68402	6	89		SQFT	FRAME GALV
	FRAME, GALV.	68402M	6	89		SQ M	FRAME GALV
D	FRAME, GRATE, & BOX, TYPE 32M	20902	9			EA	FR GRAT & BOX TY32M
D	FRAME, GRATE, & BOX, TYPE 32M	20902M	9			EA	FR GRAT & BOX TY32M
D	FRAME, LEGEND, EMBOSSED, ALUMINUM	61321				EA	FRAME EMB AL
D	FRAME, LEGEND, EMBOSSED, ALUMINUM	61321M				EA	FRAME EMB AL
D	FRAME, LEGEND, FLAT, ALUMINUM	61322				EA	FRAME FLAT AL
D	FRAME, LEGEND, FLAT, ALUMINUM	61322M				EA	FRAME FLAT AL
	FRAME, SPECIAL	20189	9	43	95	EA	FRAME SPEC
	FRAME, SPECIAL	20189M	9	43	95	EA	FRAME SPEC
D	FRAME, TYPE B-18	20112	9			EA	FRAME TYB18
D	FRAME, TYPE B-18	20112M	9			EA	FRAME TYB18
D	FRAME, TYPE B-24	20113	9			EA	FRAME TYB24

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	FRAME, TYPE B-24	20113M	9			EA	FRAME TYB24
D	FRAME, TYPE M-9	20111	9			EA	FRAME TYM9
D	FRAME, TYPE M-9	20111M	9			EA	FRAME TYM9
	FRAME, TYPE 1	20101	9			EA	FRAME TY1
	FRAME, TYPE 1	20101M	9			EA	FRAME TY1
D	FRAME, TYPE 10	20107	9			EA	FRAME TY 10
D	FRAME, TYPE 10	20107M	9			EA	FRAME TY 10
D	FRAME, TYPE 11	20108	9			EA	FRAME TY11
D	FRAME, TYPE 11	20108M	9			EA	FRAME TY11
D	FRAME, TYPE 12	20109	9			EA	FRAME TY12
D	FRAME, TYPE 12	20109M	9			EA	FRAME TY12
D	FRAME, TYPE 15	20110	9			EA	FRAME TY15
D	FRAME, TYPE 15	20110M	9			EA	FRAME TY15
	FRAME, TYPE 20	20118	9			EA	FRAME TY20
	FRAME, TYPE 20	20118M	9			EA	FRAME TY20
D	FRAME, TYPE 21	20119	9			EA	FRAME TY21
D	FRAME, TYPE 21	20119M	9			EA	FRAME TY21
D	FRAME, TYPE 22	20120	9			EA	FRAME TY22
D	FRAME, TYPE 22	20120M	9			EA	FRAME TY22
D	FRAME, TYPE 23	20121	9			EA	FRAME TY23
	FRAME, TYPE 24	20122	9			EA	FRAME TY24
D	FRAME, TYPE 29	20114	9			EA	FRAME TY29
D	FRAME, TYPE 29	20114M	9			EA	FRAME TY29
	FRAME, TYPE 3	20102	9			EA	FRAME TY3

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FRAME, TYPE 3	20102M	9			EA	FRAME TY3
D	FRAME, TYPE 31	20115	9			EA	FRAME TY31
D	FRAME, TYPE 31	20115M	9			EA	FRAME TY31
D	FRAME, TYPE 32	20116	9			EA	FRAME TY32
D	FRAME, TYPE 32	20116M	9			EA	FRAME TY32
D	FRAME, TYPE 34	20117	9			EA	FRAME TY34
D	FRAME, TYPE 34	20117M	9			EA	FRAME TY34
D	FRAME, TYPE 4	20103	9			EA	FRAME TY4
D	FRAME, TYPE 4	20103M	9			EA	FRAME TY4
D	FRAME, TYPE 5	20104	9			EA	FRAME TY5
D	FRAME, TYPE 5	20104M	9			EA	FRAME TY5
D	FRAME, TYPE 6	20105	9			EA	FRAME TY6
D	FRAME, TYPE 6	20105M	9			EA	FRAME TY6
D	FRAME, TYPE 9	20106	9			EA	FRAME TY9
D	FRAME, TYPE 9	20106M	9			EA	FRAME TY9
D	FUEL OIL #1	80601				GAL	FUEL OIL #1
D	FUEL OIL #1	80601M				LITER	FUEL OIL #1
D	FUEL OIL #2	80602				GAL	FUEL OIL #2
D	FUEL OIL #2	80602M				LITER	FUEL OIL #2
D	FUEL OIL #3	80603				GAL	FUEL OIL #3
D	FUEL OIL #3	80603M				LITER	FUEL OIL #3
D	FUEL OIL #4	80604				GAL	FUEL OIL #4
D	FUEL OIL #4	80604M				LITER	FUEL OIL #4
D	FUEL OIL #5	80605				GAL	FUEL OIL #5

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	FUEL OIL #5	80605M				LITER	FUEL OIL #5
D	FUEL OIL #6	80606				GAL	FUEL OIL #6
D	FUEL OIL #6	80606M				LITER	FUEL OIL #6
	GABIONS	68018				CUYD	GABIONS
	GABIONS	68018M				CU M	GABIONS
D	GASKET, PREFORMED FLEXIBLE FOR CONCRETE PIPE-BITUMEN	61704				LINFT	GASKET PR FLEX BIT
D	GASKET, PREFORMED FLEXIBLE FOR CONCRETE PIPE-BITUMEN	61704M				METER	GASKET PR FLEX BIT
D	GASKET, PREFORMED FLEXIBLE FOR CONCRETE PIPE-BUTYL RUBBER	61705				LINFT	GASKET PR FLEX BUTL
D	GASKET, PREFORMED FLEXIBLE FOR CONCRETE PIPE-BUTYL RUBBER	61705M				METER	GASKET PR FLEX BUTL
D	GASKET, PREFORMED FLEXIBLE FOR SEWER & CULVERT PIPE	61703				EA	GASKET PO FLX
D	GASKET, PREFORMED FLEXIBLE FOR SEWER & CULVERT PIPE	61703M				EA	GASKET PO FLX
	GASKET, RUBBER	61706				EA	GASKET RUBBER
	GASKET, RUBBER	61706M				EA	GASKET RUBBER
	GATE TUBULAR STEEL	58511				EA	GATE TUBULAR STL
	GATE TUBULAR STEEL	58511M				EA	GATE TUBULAR STL
	GATE, AUTOMATIC FLAP	46001	14			EA	GATE AUTOMATIC FLAP
	GATE, AUTOMATIC FLAP	46001M	14			EA	GATE AUTOMATIC FLAP
D	GATE, CANAL	46002	14			EA	GATE CANAL
D	GATE, CANAL	46002M	14			EA	GATE CANAL
	GATE, CHAIN LINK, DOUBLE	58502	18	19		EA	GATE CHL CHLF DOUB
	GATE, CHAIN LINK, DOUBLE	58502M	18	19		EA	GATE CHL CHLF DOUB
D	GATE, CHAIN LINK, MODIFIED	58503	18	19		EA	GATE CHL CHLF MOD
D	GATE, CHAIN LINK, MODIFIED	58503M	18	19		EA	GATE CHL CHLF MOD
	GATE, CHAIN LINK, SINGLE	58501	18	19		EA	GATE CHL CHLF SING

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GATE, CHAIN LINK, SINGLE	58501M	18	19		EA	GATE CHL CHLF SING
	GATE, CHAIN LINK, SPECIAL	58504	18	19		EA	GATE CHL CHLF SPEC
	GATE, CHAIN LINK, SPECIAL	58504M	18	19		EA	GATE CHL CHLF SPEC
D	GATE, FRAME, CHAIN LINK	58510	34	24		EA	GATE FR CHAIN LINK
D	GATE, FRAME, CHAIN LINK	58510M	34	24		EA	GATE FR CHAIN LINK
D	GATE, FRAME, WOVEN WIRE	58509	34	24		EA	GATE FR WOVEN WIRE
D	GATE, FRAME, WOVEN WIRE	58509M	34	24		EA	GATE FR WOVEN WIRE
	GATE, ORNAMENTAL, DOUBLE	57904				EA	GATE ORNAMNTL DOUBLE
	GATE, ORNAMENTAL, SINGLE	57903	18	19	27	EA	GATE ORNAMNTL SINGLE
	GATE, WOVEN WIRE, DOUBLE	58506	18	19		EA	GATE WW DOUBLE
	GATE, WOVEN WIRE, DOUBLE	58506M	18	19		EA	GATE WW DOUBLE
D	GATE, WOVEN WIRE, MODIFIED	58507	18	19		EA	GATE WW MODIFIED
D	GATE, WOVEN WIRE, MODIFIED	58507M	18	19		EA	GATE WW MODIFIED
	GATE, WOVEN WIRE, SINGLE	58505	18	19		EA	GATE WW SINGLE
	GATE, WOVEN WIRE, SINGLE	58505M	18	19		EA	GATE WW SINGLE
D	GATE, WOVEN WIRE, SPECIAL	58508	18	19		EA	GATE WW SPEC
D	GATE, WOVEN WIRE, SPECIAL	58508M	18	19		EA	GATE WW SPEC
	GEOCOMPOSITE WALL DRAIN	49653	13			SQYD	GEOCOMP WALL DRAIN
	GEOCOMPOSITE WALL DRAIN	49653M	13			SQ M	GEOCOMP WALL DRAIN
	GEOTECHNICAL REINFORCEMENT, GEOGRID	49831	61	78		SQYD	GEO REINF GRID
	GEOTECHNICAL REINFORCEMENT, GEOGRID	49831M	61	78		SQ M	GEO REINF GRID
	GLAND, JOINT MECHANICAL	51308	14			EA	GLAND JOINT MECH
	GLAND, JOINT MECHANICAL	51308M	14			EA	GLAND JOINT MECH
	GLARE GUARD	58604				LINFT	GLARE GUARD

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GLARE GUARD	58604M				METER	GLARE GUARD
	GLARE SHIELD PRECAST CONCRETE	25514				LINFT	GLARE SHIELD PRECONC
	GLARE SHIELD PRECAST CONCRETE	25514M				METER	GLARE SHIELD PRECONC
D	GRAFFITI PROTECTION COATING	70110				SQYD	GRAFFITI PROTCN CTG
D	GRAFFITI PROTECTION COATING	70110M				SQ M	GRAFFITI PROTCN CTG
	GRATE	20299	9	6	95	EA	GRATE
	GRATE	20299M	9	6	95	EA	GRATE
	GRATE & COVER, TYPE 2A	20801	9	6		EA	GRATE & COVER TY2A
	GRATE & COVER, TYPE 2A	20801M	9	6		EA	GRATE & COVER TY2A
D	GRATE & COVER, TYPE 2B	20802	9	6		EA	GRATE & COVER TY2B
D	GRATE & COVER, TYPE 2B	20802M	9	6		EA	GRATE & COVER TY2B
D	GRATE, BIT. PAINTED	68403	6	13X12		SQFT	GRATE BIT PAINTED
D	GRATE, BIT. PAINTED	68403M	6	13X12		SQ M	GRATE BIT PAINTED
	GRATE, GALV.	68404	6	89		SQFT	GRATE GALV
	GRATE, GALV.	68404M	6	89		SQ M	GRATE GALV
	GRATE, SPECIAL	20289	9	43	95	EA	GRATE SPEC
	GRATE, SPECIAL	20289M	9	43	95	EA	GRATE SPEC
	GRATE, SPECIAL DEFORMED BAR	68405	12	13		SQFT	GRATE SPEC-DEF BAR
	GRATE, SPECIAL DEFORMED BAR	68405M	12	13		SQ M	GRATE SPEC-DEF BAR
D	GRATE, STEEL, PAINTED	68410	12	13		SQFT	GRATE STL PAINTED
D	GRATE, STEEL, PAINTED	68410M	12	13		SQ M	GRATE STL PAINTED
	GRATE, TYPE A	20218	9	6		EA	GRATE TYA
	GRATE, TYPE A	20218M	9	6		EA	GRATE TYA
	GRATE, TYPE B	20219	9	6		EA	GRATE TYB

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GRATE, TYPE B	20219M	9	6		EA	GRATE TYB
D	GRATE, TYPE B-18	20210	9			EA	GRATE TYB18
D	GRATE, TYPE B-18	20210M	9			EA	GRATE TYB18
D	GRATE, TYPE B-24	20211	9			EA	GRATE TYB24
D	GRATE, TYPE B-24	20211M	9			EA	GRATE TYB24
	GRATE, TYPE 10	20207	9			EA	GRATE TY10
	GRATE, TYPE 10	20207M	9			EA	GRATE TY10
	GRATE, TYPE 11	20208	9			EA	GRATE TY11
	GRATE, TYPE 11	20208M	9			EA	GRATE TY11
D	GRATE, TYPE 11V	20228	9			EA	GRATE TY11V
D	GRATE, TYPE 12	20209	9			EA	GRATE TY12
D	GRATE, TYPE 12	20209M	9			EA	GRATE TY12
D	GRATE, TYPE 2A	20221	9			EA	GRATE TY2A
D	GRATE, TYPE 2A	20221M	9			EA	GRATE TY2A
D	GRATE, TYPE 2B	20223	9			EA	GRATE TY2B
D	GRATE, TYPE 2B	20223M	9			EA	GRATE TY2B
	GRATE, TYPE 20	20224	9			EA	GRATE TY20
	GRATE, TYPE 20	20224M	9			EA	GRATE TY20
D	GRATE, TYPE 21	20225	9			EA	GRATE TY21
D	GRATE, TYPE 21	20225M	9			EA	GRATE TY21
D	GRATE, TYPE 22	20226	9			EA	GRATE TY22
D	GRATE, TYPE 22	20226M	9			EA	GRATE TY22
	GRATE, TYPE 23	20229	9			EA	GRATE TY23
	GRATE, TYPE 24	20230	9			EA	GRATE TY24

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRATE, TYPE 29	20212	9			EA	GRATE TY29
D	GRATE, TYPE 29	20212M	9			EA	GRATE TY29
	GRATE, TYPE 3	20201	9			EA	GRATE TY3
	GRATE, TYPE 3	20201M	9			EA	GRATE TY3
D	GRATE, TYPE 3B	20220	9	6		EA	GRATE TY3B
D	GRATE, TYPE 3B	20220M	9	6		EA	GRATE TY3B
	GRATE, TYPE 3V	20227	9			EA	GRATE TY3V
	GRATE, TYPE 3V	20227M	9			EA	GRATE TY3V
D	GRATE, TYPE 31	20213	9			EA	GRATE TY31
D	GRATE, TYPE 31	20213M	9			EA	GRATE TY31
D	GRATE, TYPE 32	20214	9			EA	GRATE TY32
D	GRATE, TYPE 32	20214M	9			EA	GRATE TY32
D	GRATE, TYPE 34	20215	9			EA	GRATE TY34
D	GRATE, TYPE 34	20215M	9			EA	GRATE TY34
D	GRATE, TYPE 37	20216	9			EA	GRATE TY37
D	GRATE, TYPE 37	20216M	9			EA	GRATE TY37
D	GRATE, TYPE 37M	20217	9			EA	GRATE TY37M
D	GRATE, TYPE 37M	20217M	9			EA	GRATE TY37M
D	GRATE, TYPE 4	20202	9			EA	GRATE TY4
D	GRATE, TYPE 4	20202M	9			EA	GRATE TY4
D	GRATE, TYPE 6	20203	9			EA	GRATE TY6
D	GRATE, TYPE 6	20203M	9			EA	GRATE TY6
	GRATE, TYPE 7	20204	9			EA	GRATE TY7
	GRATE, TYPE 7	20204M	9			EA	GRATE TY7

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GRATE, TYPE 8	20205	9			EA	GRATE TY8
	GRATE, TYPE 8	20205M	9			EA	GRATE TY8
	GRATE, TYPE 9	20206	9			EA	GRATE TY9
	GRATE, TYPE 9	20206M	9			EA	GRATE TY9
	GRATED END SECTION, STEEL PIPE, GALV	68414				EA	GRATE END SEC STLGA
	GRATED END SECTION, STEEL PIPE, GALV	68414M				EA	GRATE END SEC STLGA
	GRATED INLET, STEEL PIPE, GALV	68409				EA	GRATED INLET STLGA
	GRATED INLET, STEEL PIPE, GALV	68409M				EA	GRATED INLET STLGA
	GRATING, ALUMINUM	78507	9	6	89	SQFT	GRATING ALUMINUM
	GRATING, ALUMINUM	78507M	9	6	89	SQ M	GRATING ALUMINUM
D	GRATING, ALUMINUM (CREATED IN ERROR - NOW 78507)	20702	9	6	12X13	SQFT	GRATING AL 78507
D	GRATING, ALUMINUM (CREATED IN ERROR - NOW 78507)	20702M	9	6	12X13	SQ M	GRATING AL 78507
	GRATING, CAST IRON	20701	9	6	95	SQFT	GRATING CAST IR
	GRATING, CAST IRON	20701M	9	6	95	SQ M	GRATING CAST IR
	GRATING, CONCRETE FLARED END SECTION, STEEL	68407	14			EA	GRATE CN FLAREND SEC
	GRATING, CONCRETE FLARED END SECTION, STEEL	68407M	14			EA	GRATE CN FLAREND SEC
	GRATING, CONCRETE HEADWALL, STEEL	68408				EA	GRATE CN HEADWALL ST
	GRATING, CONCRETE HEADWALL, STEEL	68408M				EA	GRATE CN HEADWALL ST
	GROUND ROD	31601	14			LINFT	GROUND ROD
	GROUND ROD	31601M	14			METER	GROUND ROD
	GROUT, CONTROLLED LOW-STRENGTH MATERIAL	21621				CUYD	GROUT CLSM
	GROUT, CONTROLLED LOW-STRENGTH MATERIAL	21621M				CU M	GROUT CLSM
	GROUT, EXPANDING	21608				CUYD	GROUT EXPANDING
	GROUT, EXPANDING	21608M				CU M	GROUT EXPANDING

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GROUT, FABRIC, FORMED CONCRETE REVETMENT MATS	21620				CUYD	GROUT REVETMENT
	GROUT, FABRIC, FORMED CONCRETE REVETMENT MATS	21620M				CU M	GROUT REVETMENT
	GROUT, INSERTION LINING, PIPE CULVERTS	21633				CUYD	GROUT INSERT LINE
	GROUT, INSERTION LINING, PIPE CULVERTS	21633M				CU M	GROUT INSERT LINE
	GROUT, NONSHRINK	21604				CUYD	GROUT NONSHRINK
	GROUT, NONSHRINK	21604M				CU M	GROUT NONSHRINK
D	GROUT, POLYESTER ANCHOR	42750				GAL	GROUT POLY ANCHOR
D	GROUT, POLYESTER ANCHOR	42750M				LITER	GROUT POLY ANCHOR
	GROUT, PORTLAND CEMENT-SAND	21602				CUYD	GROUT PC-SAND
	GROUT, PORTLAND CEMENT-SAND	21602M				CU M	GROUT PC-SAND
	GROUT, SOIL IMPROVEMENT COLUMNS	21615				CUYD	GROUT SOIL IMP COLUM
	GROUT, SOIL IMPROVEMENT COLUMNS	21615M				CU M	GROUT SOIL IMP COLUM
	GROUT, SOIL NAIL WALL	21630				CUYD	GROUT SOIL NAIL
	GROUT, SOIL NAIL WALL	21630M				CUYD	GROUT SOIL NAIL
	GROUT, SUB SEALING	21607				CUYD	GROUT SUB SEAL
	GROUT, SUB SEALING	21607M				CU M	GROUT SUB SEAL
D	GUARD ANIMAL, ALUMINUM	78500				EA	GUARD ANIMAL ALUM
D	GUARD ANIMAL, ALUMINUM	78500M				EA	GUARD ANIMAL ALUM
D	GUARD RAIL, ATTACHMENT SPECIAL	55109				EA	GUARDRAIL ATTACH SPC
D	GUARD RAIL, ATTACHMENT SPECIAL	55109M				EA	GUARDRAIL ATTACH SPC
	GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE I	55101	16			LINFT	G RAIL SPBM TYI
	GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE I	55101M	16			METER	G RAIL SPBM TYI
	GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE II	55102	16			LINFT	G RAIL SPBM TYII
	GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE II	55102M	16			METER	G RAIL SPBM TYII

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GUARD RAIL, STEEL PLATE BEAM, PAINTED, TYPE III	55103	16			LINFT	G RAIL SPBM TYIII
D	GUARD RAIL, STEEL PLATE BEAM, PAINTED, TYPE III	55103M	16			METER	G RAIL SPBM TYIII
	GUARD RAIL, STEEL PLATE BEAM, RUST RESISTANT, TYPE IV	55100	16			LINFT	G RAIL SPBM RR TYIV
	GUARD RAIL, STEEL PLATE BEAM, RUST RESISTANT, TYPE IV	55100M	16			METER	G RAIL SPBM RR TYIV
	GUARD RAIL, TUBULAR THRIE BEAM, GALV. TYPE I	55110				LINFT	G RAIL TTBM TYI
	GUARD RAIL, TUBULAR THRIE BEAM, GALV. TYPE I	55110M				METER	G RAIL TTBM TYI
D	GUARD, ANIMAL, STEEL, GALV	46207				EA	GUARD ANIMAL ST GALV
D	GUARD, ANIMAL, STEEL, GALV	46207M				EA	GUARD ANIMAL ST GALV
	GULFBOX JUNCTION, COMPOSITE CONCRETE	26109	12	13	15	EA	GULFBX JNC COMP CONC
	GULFBOX JUNCTION, COMPOSITE CONCRETE	26109M	12	13	15	EA	GULFBX JNC COMP CONC
	HANDHOLE, COMPOSITE CONCRETE	25211	12	13	15	EA	HANDHOLE COMP CONC
	HANDHOLE, COMPOSITE CONCRETE	25211M	12	13	15	EA	HANDHOLE COMP CONC
	HANDHOLE, CONCRETE	25210	6			EA	HANDHOLE CONCRETE
	HANDHOLE, CONCRETE	25210M	6			EA	HANDHOLE CONCRETE
	HANDHOLE, FRAME & LID, HEAVY DUTY	21011	9			EA	HANDHOLE F&L HEAVY
	HANDHOLE, FRAME & LID, HEAVY DUTY	21011M	9			EA	HANDHOLE F&L HEAVY
	HANDHOLE, FRAME & LID, REGULAR DUTY	21010	9			EA	HANDHOLE F&L REGULAR
	HANDHOLE, FRAME & LID, REGULAR DUTY	21010M	9			EA	HANDHOLE F&L REGULAR
	HANDHOLE, FRAME & LID, SPECIAL	21012	9			EA	HANDHOLE F&L SPECIAL
	HANDHOLE, FRAME & LID, SPECIAL	21012M	9			EA	HANDHOLE F&L SPECIAL
	HEADED BAR, DEFORMED, ASTM A-706 60, CLASS HA	6292360				LB	HD BAR DF A706 60 HA
	HEADED BAR, DEFORMED, ASTM A-706 60, CLASS HA, EPOXY COATED	6292460				LB	HDBAR DF 70660 HA EP
	HEADWALL, CONCRETE	25703	6			EA	HEADWALL CONCRETE
	HEADWALL, CONCRETE	25703M	6			EA	HEADWALL CONCRETE

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	HEADWALL, CONCRETE	27503				EA	HEADWALL CONCRETE
	HIGH REACTIVITY METAKAOLIN (HRM)	37803				LB	HIGH REACT METAK NRM
	HIGH REACTIVITY METAKAOLIN (HRM)	37803M				KG	HIGH REACT METAK HRM
D	HOG RINGS	58606				EA	HOG RINGS
D	HOG RINGS	58606M				EA	HOG RINGS
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0	19542				TONS	HMA BC N105 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0	19542M				M TON	HMA BC N105 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, FINE GRADED	19542F				TONS	HMA BC N105 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, FINE GRADED	19542MF				M TON	HMA BC N105 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, FINE GRADED, REC	19542FR				TONS	HMA BC N105 19.0FG R
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, FINE GRADED, REC	19542MFR				M TON	HMA BC N105 19.0FG R
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, RECYCLED	19542MR				M TON	HMA BC N105 19.0R
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, RECYCLED	19542R				TONS	HMA BC N105 19.0R
D	HOT MIX ASPHALT, BINDER COURSE, N105, 25.0	19541				TONS	HMA BC N105 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N105, 25.0	19541M				M TON	HMA BC N105 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N105, 25.0, RECYCLED	19541MR				M TON	HMA BC N105 25.0R
D	HOT MIX ASPHALT, BINDER COURSE, N105, 25.0, RECYCLED	19541R				TONS	HMA BC N105 25.0R
	HOT MIX ASPHALT, BINDER COURSE, N30, 19.0L	19504				TONS	HMA BC N30 19.0L
	HOT MIX ASPHALT, BINDER COURSE, N30, 19.0L	19504M				M TON	HMA BC N30 19.0L
	HOT MIX ASPHALT, BINDER COURSE, N30, 19.0L, RECYCLED	19504MR				M TON	HMA BC N30 19LR
	HOT MIX ASPHALT, BINDER COURSE, N30, 19.0L, RECYCLED	19504R				TONS	HMA BC N30 19LR
	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0	19512				TONS	HMA BC N50 19.0
	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0	19512M				M TON	HMA BC N50 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, FINE GRADED	19512F				TONS	HMA BC N50 19.0 FG

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, FINE GRADED	19512MF				M TON	HMA BC N50 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, FINE GRADED	19522MF				M TON	HMA BC N70 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, FINE GRADED REC	19512FR				TONS	HMA BC N50 19.0FG R
D	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, FINE GRADED REC	19512MFR				M TON	HMA BC N50 19.0FG R
	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, RECYCLED	19512MR				M TON	HMA BC N50 19.0R
	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, RECYCLED	19512R				TONS	HMA BC N50 19.0R
D	HOT MIX ASPHALT, BINDER COURSE, N50, 25.0	19511				TONS	HMA BC N50 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N50, 25.0	19511M				M TON	HMA BC N50 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N50, 25.0, RECYCLED	19511MR				M TON	HMA BC N50 25.0R
D	HOT MIX ASPHALT, BINDER COURSE, N50, 25.0, RECYCLED	19511R				TONS	HMA BC N50 25.0R
	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0	19522				TONS	HMA BC N70 19.0
	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0	19522M				M TON	HMA BC N70 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, FINE GRADED	19522F				TONS	HMA BC N70 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, FINE GRADED REC	19522FR				TONS	HMA BC N70 19.0FG R
D	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, FINE GRADED REC	19522MFR				M TON	HMA BC N70 19.0FG R
	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, RECYCLED	19522MR				M TON	HMA BC N70 19.0R
	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, RECYCLED	19522R				TONS	HMA BC N70 19.0R
D	HOT MIX ASPHALT, BINDER COURSE, N70, 25.0	19521				TONS	HMA BC N70 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N70, 25.0	19521M				M TON	HMA BC N70 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N70, 25.0, RECYCLED	19521MR				M TON	HMA BC N70 25.0R
D	HOT MIX ASPHALT, BINDER COURSE, N70, 25.0, RECYCLED	19521R				TONS	HMA BC N70 25.0R
	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0	19532				TONS	HMA BC N90 19.0
	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0	19532M				M TON	HMA BC N90 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, FINE GRADED	19532F				TONS	HMA BC N90 19.0 FG

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, FINE GRADED	19532MF				M TON	HMA BC N90 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, FINE GRADED, REC	19532FR				TONS	HMA BC N90 19.0FG R
D	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, FINE GRADED, REC	19532MFR				M TON	HMA BC N90 19.0FG R
	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, RECYCLED	19532MR				M TON	HMA BC N90 19.0R
	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, RECYCLED	19532R				TONS	HMA BC N90 19.0R
D	HOT MIX ASPHALT, BINDER COURSE, N90, 25.0	19531				TONS	HMA BC N90 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N90, 25.0	19531M				M TON	HMA BC N90 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N90, 25.0, RECYCLED	19531MR				M TON	HMA BC N90 25.0R
D	HOT MIX ASPHALT, BINDER COURSE, N90, 25.0, RECYCLED	19531R				TONS	HMA BC N90 25.0R
D	HOT MIX ASPHALT, LEVEL BINDER, N105, FINE GRADED	19607F				TONS	HMA LB N105 FG
D	HOT MIX ASPHALT, LEVEL BINDER, N105, FINE GRADED	19607MF				M TON	HMA LB N105 FG
D	HOT MIX ASPHALT, LEVEL BINDER, N105, FINE GRADED, RECYCLED	19607FR				TONS	HMA LB N105 FG REC
D	HOT MIX ASPHALT, LEVEL BINDER, N105, FINE GRADED, RECYCLED	19607MFR				M TON	HMA LB N105 FG REC
	HOT MIX ASPHALT, LEVEL BINDER, N50, FINE GRADED	19604F				TONS	HMA LB N50 FG
	HOT MIX ASPHALT, LEVEL BINDER, N50, FINE GRADED	19604MF				M TON	HMA LB N50 FG
	HOT MIX ASPHALT, LEVEL BINDER, N50, FINE GRADED, RECYCLED	19604FR				TONS	HMA LB N50 FG REC
	HOT MIX ASPHALT, LEVEL BINDER, N50, FINE GRADED, RECYCLED	19604MFR				M TON	HMA LB N50 FG REC
	HOT MIX ASPHALT, LEVEL BINDER, N70 FINE GRADED	19605F				TONS	HMA LB N70 FG
	HOT MIX ASPHALT, LEVEL BINDER, N70 FINE GRADED	19605MF				M TON	HMA LB N70 FG
	HOT MIX ASPHALT, LEVEL BINDER, N70, FINE GRADED, RECYCLED	19605FR				TONS	HMA LB N70 FG REC
	HOT MIX ASPHALT, LEVEL BINDER, N70, FINE GRADED, RECYCLED	19605MFR				M TON	HMA LB N70 FG REC
	HOT MIX ASPHALT, LEVEL BINDER, N90, FINE GRADED	19606F				TONS	HMA LB N90 FG
	HOT MIX ASPHALT, LEVEL BINDER, N90, FINE GRADED	19606MF				M TON	HMA LB N90 FG
	HOT MIX ASPHALT, LEVEL BINDER, N90, FINE GRADED, RECYCLED	19606FR				TONS	HMA LB N90 FG REC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	HOT MIX ASPHALT, LEVEL BINDER, N90, FINE GRADED, RECYCLED	19606MFR				M TON	HMA LB N90 FG REC
D	HOT MIX ASPHALT, LEVELING BINDER, N105	19607				TONS	HMA LEVEL BINDERN105
D	HOT MIX ASPHALT, LEVELING BINDER, N105	19607M				M TON	HMA LEVEL BINDERN105
D	HOT MIX ASPHALT, LEVELING BINDER, N105, RECYCLED	19607MR				M TON	HMA LB N105 REC
D	HOT MIX ASPHALT, LEVELING BINDER, N105, RECYCLED	19607R				TONS	HMA LB N105 REC
D	HOT MIX ASPHALT, LEVELING BINDER, N30	19603				TONS	HMA LEVEL BINDER N30
D	HOT MIX ASPHALT, LEVELING BINDER, N30	19603M				M TON	HMA LEVEL BINDER N30
D	HOT MIX ASPHALT, LEVELING BINDER, N30, RECYCLED	19603MR				M TON	HMA LB N30 REC
D	HOT MIX ASPHALT, LEVELING BINDER, N30, RECYCLED	19603R				TONS	HMA LB N30 REC
	HOT MIX ASPHALT, LEVELING BINDER, N50	19604				TONS	HMA LEVEL BINDER N50
	HOT MIX ASPHALT, LEVELING BINDER, N50	19604M				M TON	HMA LEVEL BINDER N50
	HOT MIX ASPHALT, LEVELING BINDER, N50, RECYCLED	19604MR				M TON	HMA LB N50 REC
	HOT MIX ASPHALT, LEVELING BINDER, N50, RECYCLED	19604R				TONS	HMA LB N50 REC
	HOT MIX ASPHALT, LEVELING BINDER, N70	19605				TONS	HMA LEVEL BINDER N70
	HOT MIX ASPHALT, LEVELING BINDER, N70	19605M				M TON	HMA LEVEL BINDER N70
	HOT MIX ASPHALT, LEVELING BINDER, N70, RECYCLED	19605MR				M TON	HMA LB N70 REC
	HOT MIX ASPHALT, LEVELING BINDER, N70, RECYCLED	19605R				TONS	HMA LB N70 REC
	HOT MIX ASPHALT, LEVELING BINDER, N90	19606				TONS	HMA LEVEL BINDER N90
	HOT MIX ASPHALT, LEVELING BINDER, N90	19606M				M TON	HMA LEVEL BINDER N90
	HOT MIX ASPHALT, LEVELING BINDER, N90, RECYCLED	19606MR				M TON	HMA LB N90 REC
	HOT MIX ASPHALT, LEVELING BINDER, N90, RECYCLED	19606R				TONS	HMA LB N90 REC
	HOT MIX ASPHALT, N50, 4.75	19510				TONS	HMA N50 4.75
	HOT MIX ASPHALT, N50, 4.75	19510M				M TON	HMA N50 4.75
	HOT MIX ASPHALT, N50, 4.75, RECYCLED	19510MR				M TON	HMA N50 4.75 REC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	HOT MIX ASPHALT, N50, 4.75, RECYCLED	19510R				TONS	HMA N50 4.75 REC
D	HOT MIX ASPHALT, OTHER, N30	19601	2			TONS	HMA OTHER N30
D	HOT MIX ASPHALT, OTHER, N30	19601M	2			M TON	HMA OTHER N30
D	HOT MIX ASPHALT, OTHER, N30, RECYCLED	19601MR	2			M TON	HMA OTHER N30 RECYCL
D	HOT MIX ASPHALT, OTHER, N30, RECYCLED	19601R	2			TONS	HMA OTHER N30 RECYCL
D	HOT MIX ASPHALT, SURFACE COURSE, N105, C	19543				TONS	HMA SC N105 C
D	HOT MIX ASPHALT, SURFACE COURSE, N105, C	19543M				M TON	HMA SC N105 C
D	HOT MIX ASPHALT, SURFACE COURSE, N105, C, RECYCLED	19543MR				M TON	HMA SC N105 C REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, C, RECYCLED	19543R				TONS	HMA SC N105 C REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, D	19544				TONS	HMA SC N105 D
D	HOT MIX ASPHALT, SURFACE COURSE, N105, D	19544M				M TON	HMA SC N105 D
D	HOT MIX ASPHALT, SURFACE COURSE, N105, D, RECYCLED	19544MR				M TON	HMA SC N105 D REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, D, RECYCLED	19544R				TONS	HMA SC N105 D REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, E	19545				TONS	HMA SC N105 E
D	HOT MIX ASPHALT, SURFACE COURSE, N105, E	19545M				M TON	HMA SC N105 E
D	HOT MIX ASPHALT, SURFACE COURSE, N105, E, RECYCLED	19545MR				M TON	HMA SC N105 E REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, E, RECYCLED	19545R				TONS	HMA SC N105 E REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, F	19546				TONS	HMA SC N105 F
D	HOT MIX ASPHALT, SURFACE COURSE, N105, F	19546M				M TON	HMA SC N105 F
D	HOT MIX ASPHALT, SURFACE COURSE, N105, F, RECYCLED	19546MR				M TON	HMA SC N105 F REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, F, RECYCLED	19546R				TONS	HMA SC N105 F REC
	HOT MIX ASPHALT, SURFACE COURSE, N30, C, 9.5L	19505				TONS	HMA SC N30 C 9.5L
	HOT MIX ASPHALT, SURFACE COURSE, N30, C, 9.5L	19505M				M TON	HMA SC N30 C 9.5L
	HOT MIX ASPHALT, SURFACE COURSE, N30, C, 9.5L, RECYCLED	19505MR				M TON	HMA SC N30 C 9.5LR

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	HOT MIX ASPHALT, SURFACE COURSE, N30, C, 9.5L, RECYCLED	19505R				TONS	HMA SC N30 C 9.5LR
	HOT MIX ASPHALT, SURFACE COURSE, N50, C	19513				TONS	HMA SC N50 C
	HOT MIX ASPHALT, SURFACE COURSE, N50, C	19513M				M TON	HMA SC N50 C
	HOT MIX ASPHALT, SURFACE COURSE, N50, C RECYCLED	19513R				TONS	HMA SC N50 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, C, FINE GRADED	19513F				TONS	HMA SC N50 C FG
	HOT MIX ASPHALT, SURFACE COURSE, N50, C, FINE GRADED	19513MF				M TON	HMA SC N50 C FG
	HOT MIX ASPHALT, SURFACE COURSE, N50, C, FINE GRADED REC	19513FR				TONS	HMA SC N50 C FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, C, FINE GRADED REC	19513MFR				M TON	HMA SC N50 C FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, C, RECYCLED	19513MR				M TON	HMA SC N50 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, D	19514				TONS	HMA SC N50 D
	HOT MIX ASPHALT, SURFACE COURSE, N50, D	19514M				M TON	HMA SC N50 D
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED	19514F				TONS	HMA SC N50 D FG
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED	19514MF				M TON	HMA SC N50 D FG
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED REC	19514FR				TONS	HMA SC N50 D FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED REC	19514MFR				M TON	HMA SC N50 D FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, RECYCLED	19514MR				M TON	HMA SC N50 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, RECYCLED	19514R				TONS	HMA SC N50 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, E	19515				TONS	HMA SC N50 E
	HOT MIX ASPHALT, SURFACE COURSE, N50, E	19515M				M TON	HMA SC N50 E
	HOT MIX ASPHALT, SURFACE COURSE, N50, E, RECYCLED	19515MR				M TON	HMA SC N50 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, E, RECYCLED	19515R				TONS	HMA SC N50 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, F	19516				TONS	HMA SC N50 F
	HOT MIX ASPHALT, SURFACE COURSE, N50, F	19516M				M TON	HMA SC N50 F
	HOT MIX ASPHALT, SURFACE COURSE, N50, F, RECYCLED	19516MR				M TON	HMA SC N50 F REC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	HOT MIX ASPHALT, SURFACE COURSE, N50, F, RECYCLED	19516R				TONS	HMA SC N50 F REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, C	19523				TONS	HMA SC N70 C
	HOT MIX ASPHALT, SURFACE COURSE, N70, C	19523M				M TON	HMA SC N70 C
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, FINE GRADED	19523F				TONS	HMA SC N70 C FG
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, FINE GRADED	19523MF				M TON	HMA SC N70 C FG
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, FINE GRADED REC	19523FR				TONS	HMA SC N70 C FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, FINE GRADED REC	19523MFR				M TON	HMA SC N70 C FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, RECYCLED	19523MR				M TON	HMA SC N70 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, RECYCLED	19523R				TONS	HMA SC N70 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, D	19524				TONS	HMA SC N70 D
	HOT MIX ASPHALT, SURFACE COURSE, N70, D	19524M				M TON	HMA SC N70 D
	HOT MIX ASPHALT, SURFACE COURSE, N70, D, FINE GRADED	19524F				TONS	HMA SC N70 D FG
	HOT MIX ASPHALT, SURFACE COURSE, N70, D, FINE GRADED REC	19524FR				TONS	HMA SC N70 D FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, D, RECYCLED	19524MR				M TON	HMA SC N70 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, D, RECYCLED	19524R				TONS	HMA SC N70 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, E	19525				TONS	HMA SC N70 E
	HOT MIX ASPHALT, SURFACE COURSE, N70, E	19525M				M TON	HMA SC N70 E
	HOT MIX ASPHALT, SURFACE COURSE, N70, E, RECYCLED	19525MR				M TON	HMA SC N70 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, E, RECYCLED	19525R				TONS	HMA SC N70 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, F	19526				TONS	HMA SC N70 F
	HOT MIX ASPHALT, SURFACE COURSE, N70, F	19526M				M TON	HMA SC N70 F
	HOT MIX ASPHALT, SURFACE COURSE, N70, F, RECYCLED	19526MR				M TON	HMA SC N70 F REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, F, RECYCLED	19526R				TONS	HMA SC N70 F REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, C	19533				TONS	HMA SC N90 C

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	HOT MIX ASPHALT, SURFACE COURSE, N90, C	19533M				M TON	HMA SC N90 C
	HOT MIX ASPHALT, SURFACE COURSE, N90, C, RECYCLED	19533MR				M TON	HMA SC N90 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, C, RECYCLED	19533R				TONS	HMA SC N90 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, D	19534				TONS	HMA SC N90 D
	HOT MIX ASPHALT, SURFACE COURSE, N90, D	19534M				M TON	HMA SC N90 D
	HOT MIX ASPHALT, SURFACE COURSE, N90, D, RECYCLED	19534MR				M TON	HMA SC N90 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, D, RECYCLED	19534R				TONS	HMA SC N90 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, E	19535				TONS	HMA SC N90 E
	HOT MIX ASPHALT, SURFACE COURSE, N90, E	19535M				M TON	HMA SC N90 E
	HOT MIX ASPHALT, SURFACE COURSE, N90, E, RECYCLED	19535MR				M TON	HMA SC N90 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, E, RECYCLED	19535R				TONS	HMA SC N90 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, F	19536				TONS	HMA SC N90 F
	HOT MIX ASPHALT, SURFACE COURSE, N90, F	19536M				M TON	HMA SC N90 F
	HOT MIX ASPHALT, SURFACE COURSE, N90, F, RECYCLED	19536MR				M TON	HMA SC N90 F REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, F, RECYCLED	19536R				TONS	HMA SC N90 F REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, FINE GRADED	18461F				TONS	HMA SC N90 FG
	HOT MIX ASPHALT, SURFACE COURSE, N90, FINE GRADED, SPRINKLE	18462F1				TONS	HMA SC N90 FG SPR
	IMPACT ATTENUATOR	70802				EA	IMPACT ATTENUATOR
	IMPACT ATTENUATOR	70802M				EA	IMPACT ATTENUATOR
	INLET, COMPLETE	25206	6	27		EA	INLET COMPLETE
	INLET, COMPLETE	25206M	6	27		EA	INLET COMPLETE
D	INLET, PRECAST CONCRETE FOR MEDIANS	25207	6			EA	INLET PCAST FOR MED
D	INLET, PRECAST CONCRETE FOR MEDIANS	25207M	6			EA	INLET PCAST FOR MED
	INLET, PRECAST CONCRETE, SPECIAL	25208	11	12	13	EA	INLET PCAST SP

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	INLET, PRECAST CONCRETE, SPECIAL	25208M	11	12	13	EA	INLET PCAST SP
D	INSERT, FLARED COIL LOOP, EPOXY COATED	63205				EA	INSERT FL COIL LP EC
D	INSERT, FLARED COIL LOOP, EPOXY COATED	63205M				EA	INSERT FL COIL LP EC
D	INSERT, STRAIGHT COIL LOOP	63206				EA	INSERT ST COIL LP
D	INSERT, STRAIGHT COIL LOOP	63206M				EA	INSERT ST COIL LP
D	J-DRAIN	49652				SQYD	J-DRAIN
D	JOINT AND CRACK FILLER, ASPHALT EMULSION	62005				GAL	JCKFILLER ASPH EMUL
D	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-1	62001				TONS	JCKFILLER ASPGR PAF1
	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-2	62002				TONS	JCKFILLER ASPGR PAF2
	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-2	62002M				M TON	JCKFILLER ASPGR PAF2
	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-3	62003				TONS	JCKFILLER ASPGR PAF3
	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-3	62003M				M TON	JCKFILLER ASPGR PAF3
D	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-4	62004				TONS	JCKFILLER ASPGR PAF4
D	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-4	62004M				M TON	JCKFILLER ASPGR PAF4
	JOINT AND CRACK FILLER, ASPHALT, FIBER MODIFIED	62006				LB	JCKFILLER AS FIB MOD
	JOINT AND CRACK FILLER, ASPHALT, FIBER MODIFIED	62006M				KG	JCKFILLER AS FIB MOD
D	JOINT FILLER, PREFORMED BITUMINOUS, INORGANIC	61602		12X13X16		SQFT	JFILLER PO BIT INO
D	JOINT FILLER, PREFORMED BITUMINOUS, INORGANIC	61602M		12X13X16		SQ M	JFILLER PO BIT INO
D	JOINT FILLER, PREFORMED BITUMINOUS, ORGANIC FIBRE	61601		12X13X16		LINFT	JFILLER PO BIT OFB
D	JOINT FILLER, PREFORMED BITUMINOUS, ORGANIC FIBRE	61609		12X13X16		SQFT	JFILLER PO BIT OFB
D	JOINT FILLER, PREFORMED BITUMINOUS, ORGANIC FIBRE	61609M		12X13X16		SQ M	JFILLER PO BIT OFB
D	JOINT FILLER, PREFORMED CLOSED CELL PLASTIC	61604		12X13X16		LINFT	JFILLER PO CL C PL
D	JOINT FILLER, PREFORMED CLOSED CELL, PLASTIC	61611		12X13X16		SQFT	JFILLER PO CLC PL
D	JOINT FILLER, PREFORMED CLOSED CELL, PLASTIC	61611M		12X13X16		SQ M	JFILLER PO CLC PL

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	JOINT FILLER, PREFORMED CORK	61605		12X13X16		EA	JFILLER PO CORK
D	JOINT FILLER, PREFORMED CORK	61612		12X13X16		SQFT	JFILLER PO CORK
D	JOINT FILLER, PREFORMED CORK	61612M		12X13X16		SQ M	JFILLER PO CORK
	JOINT FILLER, PREFORMED FIBER	61610		88		SQFT	JFILLER PO FIBER
	JOINT FILLER, PREFORMED FIBER	61610M		88		SQ M	JFILLER PO FIBER
D	JOINT FILLER, PREFORMED FIBRE	61603		12X13X16		LINFT	JFILLER PO FIBRE
	JOINT FILLER, PREFORMED FLEXIBLE FOAM	61615		88		SQFT	JFILLER PO FLEX FOAM
	JOINT FILLER, PREFORMED FLEXIBLE FOAM	61615M		88		SQ M	JFILLER PO FLEX FOAM
	JOINT FILLER, PREFORMED POLYCHLOROPRENE (ROD STOCK)	61608				LINFT	JFILLER PO PCH
D	JOINT FILLER, PREFORMED POLYCHLOROPRENE (ROD STOCK)	61608M				METER	JFILLER PO PCH
D	JOINT FILLER, PREFORMED SELF-EXPANDING CORK	61606		12X13X16		LINFT	JFILLER PO SE CORK
D	JOINT FILLER, PREFORMED SELF-EXPANDING CORK	61613		12X13X16		SQFT	JFILLER PO SE CORK
D	JOINT FILLER, PREFORMED SPONGE RUBBER	61607		12X13X16		LINFT	JFILLER PO SPGRUBBER
D	JOINT FILLER, PREFORMED SPONGE RUBBER	61614		12X13X16		SQFT	JFILLER PO SPGRUBBER
D	JOINT SEAL, PREFORMED COMPRESSION, SPECIAL	61911	13			LINFT	JT SEAL PRCOMP SPCL
D	JOINT SEAL, PREFORMED COMPRESSION, SPECIAL	61911M	13			METER	JT SEAL PRCOMP SPCL
D	JOINT SEALER, COLD-POURED	61901				GAL	JSEALER CLD PRD
	JOINT SEALER, COLD-POURED	61906				LB	JSEALER CLD PRD
	JOINT SEALER, COLD-POURED	61906M				KG	JSEALER CLD PRD
D	JOINT SEALER, HOT-POURED	61902				GAL	JSEALER HOT PRD
	JOINT SEALER, HOT-POURED	61907				LB	JSEALER HOT PRD
	JOINT SEALER, HOT-POURED	61907M				KG	JSEALER HOT PRD
	JOINT SEALER, LONGITUDINAL	61913				LB	JSEALER LONGITUDINAL
	JOINT SEALER, LONGITUDINAL	61913M				KG	JSEALER LONGITUDINAL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	JOINT SEALER, POLYSULFIDE	61912				LB	JSEALER POLYSULFIDE
	JOINT SEALER, POLYSULFIDE	61912M				KG	JSEALER POLYSULFIDE
	JOINT SEALER, POLYURETHANE	61914				GAL	JSEALER POLYURETHANE
	JOINT SEALER, POLYURETHANE	61914M				LITER	JSEALER POLYURETHANE
	JOINT SEALER, PREFORM PRECOMPRESS, SILICONE, SELF-EXP SYSTEM	61915				LINFT	JT SEAL PRCOMP SYS
	JOINT SEALER, PREFORMED COMPRESSION, BRIDGE	61905	13			LINFT	JOINT SEAL PRCOM BR
	JOINT SEALER, PREFORMED COMPRESSION, BRIDGE	61905M	13			METER	JOINT SEAL PRCOM BR
	JOINT SEALER, PREFORMED COMPRESSION, PAVEMENT	61904	13			LINFT	JOINT SEAL PRCOM PVT
	JOINT SEALER, PREFORMED COMPRESSION, PAVEMENT	61904M	13			METER	JOINT SEAL PRCOM PVT
	JOINT SEALER, SILICONE	61910				GAL	J SEALER SILICON
	JOINT SEALER, SILICONE	61910M				LITER	JT SEALER SILICONE
	JOINT SEALER, STRIP	61909	13			LINFT	JOINT SEALER, STRIP
	JOINT SEALER, STRIP	61909M				METER	JOINT SEALER, STRIP
D	JOINT SEALER, 2-COMPONENT-COLD POURED	61903				GAL	JSEALER CLD PRD2
D	JOINT SEALER, 2-COMPONENT-COLD POURED	61908				LB	JSEALER CLD PRD2
D	JOINT SEALER, 2-COMPONENT-COLD POURED	61908M				KG	JSEALER CLD PRD2
D	JOINT, HINGE ASSEMBLY, STANDARD 2323	62711	11	19		EA	JOINT HINGE STD 2323
D	JOINT, HINGE ASSEMBLY, STANDARD 2323	62711M	11	19		EA	JOINT HINGE STD 2323
D	JUNCTION BOX LID, CAST IRON	21016	9	12X13		EA	JUNCBX LID CAST IRON
D	JUNCTION BOX LID, CAST IRON	21016M	9	12X13		EA	JUNCBX LID CAST IRON
D	JUNCTION BOX LID, POLYMER CONCRETE	26107	12	13		EA	JUNCBX LID POLYCONC
D	JUNCTION BOX LID, POLYMER CONCRETE	26107M	12	13		EA	JUNCBX LID POLYCONC
	JUNCTION BOX LID, STAINLESS STEEL	68412	12	13		EA	JUNCBX LID STNLS STL
	JUNCTION BOX LID, STAINLESS STEEL	68412M	12	13		EA	JUNCBX LID STNLS STL

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	JUNCTION BOX LID, STEEL	68413	12	13		EA	JUNCBX LID STEEL
	JUNCTION BOX LID, STEEL	68413M	12	13		EA	JUNCBX LID STEEL
	JUNCTION BOX, CAST IRON	21002	9	80		EA	JUNCTION BOX CAST IR
	JUNCTION BOX, CAST IRON	21002M	9	80		EA	JUNCTION BOX CAST IR
D	JUNCTION BOX, CONCRETE	26105	12	13	15	EA	JUNCTION BOX CONC
D	JUNCTION BOX, CONCRETE	26105M	12	13	15	EA	JUNCTION BOX CONC
D	JUNCTION BOX, POLYMER CONCRETE	26106	12	13	15	EA	JUNCT BOX POLYCONC
D	JUNCTION BOX, POLYMER CONCRETE	26106M	12	13	15	EA	JUNCT BOX POLYCONC
D	JUNCTION BOX, REINFORCED PLASTIC MORTAR	26108	12	13	15	EA	JUNCTION BOX RPM
D	JUNCTION BOX, REINFORCED PLASTIC MORTAR	26108M	12	13	15	EA	JUNCTION BOX RPM
	JUNCTION BOX, STAINLESS STEEL	68411	12	13	15	EA	JUNCBX STAINLESS STL
	JUNCTION BOX, STAINLESS STEEL	68411M	12	13	15	EA	JUNCBX STAINLESS STL
D	JUTE MATTING	56211				SQYD	JUTE MATTING
D	LEGEND	61319	58	11		EA	LEGEND
D	LEGEND	61319M	58	11		EA	LEGEND
D	LEGEND, DEMOUNTABLE	61320	58	11		EA	LEGEND DEMOUNT
D	LEGEND, DEMOUNTABLE	61320M	58	11		EA	LEGEND DEMOUNT
	LETTER & SYMBOL, PAVEMENT MARKING, WHITE, TYPE 4	70515				SQFT	L&S PVT MK WH TY4
	LETTER & SYMBOL, PAVEMENT MARKING, WHITE, TYPE 4	70515M				SQ M	L&S PVT MK WH TY4
	LETTER & SYMBOL, PAVEMENT MARKING, YELLOW, TYPE 4	70516				SQFT	L&S PVT MK YL TY4
	LETTER & SYMBOL, PAVEMENT MARKING, YELLOW, TYPE 4	70516M				SQ M	L&S PVT MK YL TY4
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE B	70506				SQFT	L&S PRE PLAS WH TYB
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE B	70506M				SQ M	L&S PRE PLAS WH TYB
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE C	70533				SQFT	L&S PRE PLAS WH TYC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE C	70533M				SQ M	L&S PRE PLAS WH TYC
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE D	70537				SQFT	L&S PRE PLAS WH TYD
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE D	70537M				SQ M	L&S PRE PLAS WH TYD
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE B	70507				SQFT	L&S PRE PLAS YL TYB
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE B	70507M				SQ M	L&S PRE PLAS YL TYB
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE C	70534				SQFT	L&S PRE PLAS YL TYC
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE C	70534M				SQ M	L&S PRE PLAS YL TYC
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE D	70538				SQFT	L&S PRE PLAS YL TYD
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE D	70538M				SQ M	L&S PRE PLAS YL TYD
	LETTER&SYBOL,PREFORM THERMOPLAS PVMT MARKING,YELLOW,HOT APPL	70524				SQFT	L&S PFTPLAS PVMK YL
	LETTER&SYMBOL,PREFORM THERMOPLAS PVMT MARKING,WHITE,HOT APPL	70523				SQFT	L&S PFTPLAS PVMK WH
	LETTER&SYMBOL,PREFORMED THERMOPLAS PVMT MARK,YELLOW,HOT APPL	70524M				SQ M	L&S PFTPLAS PVMK YL
	LETTER&SYMBOL,PREFORMED THERMOPLAST PVMT MARK,WHITE,HOT APPL	70523M				SQ M	L&S PFTPLAS PVMK WH
	LEVELING PAD, NEOPRENE	70316	16			SQYD	LEVEL PAD NEOPRENE
	LEVELING PAD, NEOPRENE	70316M	16			SQ M	LEVEL PAD NEOPRENE
	LID, SPECIAL	20389	9	43	95	EA	LID SPEC
	LID, SPECIAL	20389M	9	43	95	EA	LID SPEC
	LID, TYPE 1 CLOSED LID	20302	9			EA	LID TY1 CLID
	LID, TYPE 1 CLOSED LID	20302M	9			EA	LID TY1 CLID
	LID, TYPE 1 OPEN LID	20301	9			EA	LID TY1 OLID
	LID, TYPE 1 OPEN LID	20301M	9			EA	LID TY1 OLID
D	LID, TYPE 15	20305	9			EA	LID TY15
D	LID, TYPE 15	20305M	9			EA	LID TY15
	LID, TYPE 5 CLOSED LID	20304	9			EA	LID TY5 CLID

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	LID, TYPE 5 CLOSED LID	20304M	9			EA	LID TY5 CLID
D	LID, TYPE 5 OPEN LID	20303	9			EA	LID TY5 OLID
D	LID, TYPE 5 OPEN LID	20303M	9			EA	LID TY5 OLID
	LIGHT & SIGNAL STANDARD UNITS COMPLETE	33001	22			EA	L & SIG STD UCMP
	LIGHT & SIGNAL STANDARD UNITS COMPLETE	33001M	22			EA	L & SIG STD UCMP
	LIGHT & SIGNAL STANDARD, ALUMINUM, UNITS COMPLETE	33002	22			EA	L & SIG STD AL UCMP
	LIGHT & SIGNAL STANDARD, ALUMINUM, UNITS COMPLETE	33002M	22			EA	L & SIG STD AL UCMP
	LIGHT, FLASHING, OMNI-DIRECTIONAL (AERO)	33710				EA	LIGHT FL OMNI DIRECT
	LIGHT, FLASHING, OMNI-DIRECTIONAL (AERO)	33710M				EA	LIGHT FL OMNI DIRECT
	LIGHT, HIRL QUARTZ	33660				EA	LIGHT HIRL QUARTZ
	LIGHT, HIRL QUARTZ	33660M				EA	LIGHT HIRL QUARTZ
	LIGHT, HITL BASE MOUNTED	33661				EA	LIGHT HITL BASE MTD
	LIGHT, HITL BASE MOUNTED	33661M				EA	LIGHT HITL BASE MTD
	LIGHT, MI THRESHOLD BASE MOUNTED	33655				EA	LIGHT MI TH BASE MTD
	LIGHT, MI THRESHOLD BASE MOUNTED	33655M				EA	LIGHT MI TH BASE MTD
	LIGHT, MI THRESHOLD STAKE MOUNTED	33654				EA	LIGHT, MI TH STK MTD
	LIGHT, MI THRESHOLD STAKE MOUNTED	33654M				EA	LIGHT, MI TH STK MTD
	LIGHT, MIRL BASE MOUNTED	33651				EA	LIGHT MIRL BASE MTD
	LIGHT, MIRL BASE MOUNTED	33651M				EA	LIGHT MIRL BASE MTD
	LIGHT, MIRL STAKE MOUNTED	33650				EA	LIGHT MIRL STK MTD
	LIGHT, MIRL STAKE MOUNTED	33650M				EA	LIGHT MIRL STK MTD
	LIGHT, MITL BASE MOUNTED	33653				EA	LIGHT MITL BASE MTD
	LIGHT, MITL BASE MOUNTED	33653M				EA	LIGHT MITL BASE MTD
	LIGHT, MITL STAKE MOUNTED	33652				EA	LIGHT MITL STK MTD

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	LIGHT, MITL STAKE MOUNTED	33652M				EA	LIGHT MITL STK MTD
	LIGHT, OBSTRUCTION (AERO)	33704				EA	LIGHT OBSTRUCTION
	LIGHT, OBSTRUCTION (AERO)	33704M				EA	LIGHT OBSTRUCTION
	LIGHT, PAPI-2 (AERO)	33665				EA	LIGHT PAPI-2
	LIGHT, PAPI-2 (AERO)	33665M				EA	LIGHT PAPI-2
	LIGHT, PAPI-4 (AERO)	33666				EA	LIGHT PAPI-4
	LIGHT, PAPI-4 (AERO)	33666M				EA	LIGHT PAPI-4
	LIGHT, PAPI-6 (AERO)	33667				EA	LIGHT PAPI-6
	LIGHT, PAPI-6 (AERO)	33667M				EA	LIGHT PAPI-6
	LIGHT, PLASI (AERO)	33668				EA	LIGHT PLASI
	LIGHT, PLASI (AERO)	33668M				EA	LIGHT PLASI
	LIGHT, REILS	33659				EA	LIGHT REILS
	LIGHT, REILS	33659M				EA	LIGHT REILS
	LIGHT, RUNWAY GUARD (AERO)	33703				EA	LIGHT RUNWAY GUARD
	LIGHT, RUNWAY GUARD (AERO)	33703M				EA	LIGHT RUNWAY GUARD
	LIGHT, RUNWAY, PORTABLE (AERO)	33711				EA	LIGHT RUNWAY PRTABLE
	LIGHT, RUNWAY, PORTABLE (AERO)	33711M				EA	LIGHT RUNWAY PRTABLE
	LIGHT, THRESHOLD FLUSH MOUNTED	33662				EA	LIGHT TH FLUSH MTD
	LIGHT, THRESHOLD FLUSH MOUNTED	33662M				EA	LIGHT TH FLUSH MTD
	LIGHT, VASI-2	33656				EA	LIGHT VASI-2
	LIGHT, VASI-2	33656M				EA	LIGHT VASI-2
	LIGHT, VASI-4	33657				EA	LIGHT VASI-4
	LIGHT, VASI-4	33657M				EA	LIGHT VASI-4
	LIGHT, VASI-6	33658				EA	LIGHT VASI-6

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	LIGHT, VASI-6	33658M				EA	LIGHT VASI-6
	LIGHT,RUNWAY INPAVEMENT (AERO)	33669				EA	LIGHT RNWY INPVMT
	LIGHT,RUNWAY INPAVEMENT (AERO)	33669M				EA	LIGHT RNWY INPVMT
	LIGHTING COMPONENTS	33601	22			EA	LIGHTING COMP
	LIGHTING COMPONENTS	33601M	22			EA	LIGHTING COMP
	LIGHTING SYSTEM, MEDIUM INTENSITY APPROACH (AERO)	33713				EA	MALSR
	LIGHTING SYSTEM, MEDIUM INTENSITY APPROACH (AERO)	33713M				EA	MALSR
D	LUMBER OR TIMBER, ACA TREATED	35105	13X16	19		FBM	LUM-TIM ACA TR
D	LUMBER OR TIMBER, ACA TREATED	35105M	13X16	19		CU M	LUM-TIM ACA TR
D	LUMBER OR TIMBER, ACQ TREATED	35107	13X16	19		FBM	LUM-TIM ACQ TR
D	LUMBER OR TIMBER, ACQ TREATED	35107M	13X16	19		CU M	LUM-TIM ACQ TR
D	LUMBER OR TIMBER, CCA TREATED	35106	13X16	19		FBM	LUM-TIM CCA TR
D	LUMBER OR TIMBER, CCA TREATED	35106M	13X16	19		CU M	LUM-TIM CCA TR
D	LUMBER OR TIMBER, CREOSOTE TREATED	35103	13X16	19		FBM	LUM-TIM CREO TR
D	LUMBER OR TIMBER, CREOSOTE TREATED	35103M	13X16	19		CU M	LUM-TIM CREO TR
D	LUMBER OR TIMBER, PENTA TREATED	35104	13X16	19		FBM	LUM-TIM PENTA TR
D	LUMBER OR TIMBER, PENTA TREATED	35104M	13X16	19		CU M	LUM-TIM PENTA TR
D	LUMBER OR TIMBER, REDWOOD, UNTREATED	35102	13X16	19		FBM	LUM-TIM RED UNTR
D	LUMBER OR TIMBER, REDWOOD, UNTREATED	35102M	13X16	19		CU M	LUM-TIM RED UNTR
	LUMBER OR TIMBER, TREATED	35108	90	19		FBM	LUM-TIM TR
	LUMBER OR TIMBER, TREATED	35108M	90	19		CU M	LUM-TIM TR
	LUMBER OR TIMBER, UNTREATED	35101	90	19		FBM	LUM-TIM UNTR
	LUMBER OR TIMBER, UNTREATED	35101M	90	19		CU M	LUM-TIM UNTR
D	MAGNESIUM CHLORIDE (LIQUID 32%)	80502				GAL	MAGNESIUM CHL LIQ32%

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MAGNESIUM CHLORIDE (LIQUID 32%)	80502M				LITER	MAGNESIUM CHL LIQ32%
	MANHOLES, COMPLETE	26101	14	6		EA	MANHOLE COMPLETE
	MANHOLES, COMPLETE	26101M	14	6		EA	MANHOLE COMPLETE
	MARKER ROW	26001		12		EA	MARKER ROW
	MARKER ROW	26001M		12		EA	MARKER ROW
	MARKER, AERO RETRO REFLECTIVE	72023				EA	MARKER AERO RETREF
	MARKER, AERO RETRO REFLECTIVE	72023M				EA	MARKER AERO RETREF
D	MARKER, BENCH, BRONZE	78307				EA	MARKER BENCH BRONZE
D	MARKER, BENCH, BRONZE	78307M				EA	MARKER BENCH BRONZE
D	MARKER, BENCH, STAINLESS STEEL	78305				EA	MARKER BENCH STST
D	MARKER, BENCH, STAINLESS STEEL	78305M				EA	MARKER BENCH STST
	MARKER, BRONZE SURVEY	78301				PC	MARKER BRONZE SURV
	MARKER, BRONZE SURVEY	78301M				EA	MARKER BRONZE SURV
	MARKER, COMBINATION (SECTION & ROW)	26004				EA	MARKER COMB SEC&ROWW
	MARKER, COMBINATION (SECTION & ROW)	26004M				EA	MARKER COMB SEC&ROWW
	MARKER, DRAINAGE	26003		12		EA	MARKER DRAIN
	MARKER, DRAINAGE	26003M		12		EA	MARKER DRAIN
	MARKER, FLEXIBLE PAVEMENT, TEMPORARY	61347				EA	MARK FLEX PAVE TEMP
	MARKER, FLEXIBLE PAVEMENT, TEMPORARY	61347M				EA	MARK FLEX PAVE TEMP
D	MARKER, MONUMENT	78302				PC	MARKER MONUMENT
D	MARKER, MONUMENT	78302M				EA	MARKER MONUMENT
D	MARKER, OBJECT	61331	32	60		EA	MARKER OBJECT
D	MARKER, OBJECT	61331M	32	60		EA	MARKER OBJECT
D	MARKER, RAISED CURB	70800				EA	MARKER RAISED CURB

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MARKER, RAISED CURB	70800M				EA	MARKER RAISED CURB
	MARKER, RAISED PAVEMENT	70801				EA	MARKER RAISED PVMT
	MARKER, RAISED PAVEMENT	70801M				EA	MARKER RAISED PVMT
	MARKER, RAISED PAVEMENT, REPLACEMENT REFLECTOR	70808	37			EA	MRK RP REPL REFLECT
	MARKER, RAISED PAVEMENT, REPLACEMENT REFLECTOR	70808M	37			EA	MRK RP REPL REFLECT
	MARKER, RAISED PAVEMENT, TEMPORARY	70810	37			EA	MARKR RAISD PVMT TMP
	MARKER, RAISED PAVEMENT, TEMPORARY	70810M	37			EA	MARKR RAISD PVMT TMP
D	MARKER, REFERENCE	61307				EA	MARKER REFERENCE
D	MARKER, REFERENCE	61307M				EA	MARKER REFERENCE
	MARKER, REFERENCE, CONCRETE	26006				EA	MARKER REF CONCRETE
	MARKER, REFERENCE, CONCRETE	26006M				EA	MARKER REF CONCRETE
	MARKER, SECTION	26002		12		EA	MARKER SEC
	MARKER, SECTION	26002M		12		EA	MARKER SEC
D	MARKER, SECTION	78303				PC	MARKER SECTION
D	MARKER, SECTION	78303M				EA	MARKER SECTION
	MARKER, SURVEY CONCRETE	26005				EA	MARKER SURVEY CONC
	MARKER, SURVEY CONCRETE	26005M				EA	MARKER SURVEY CONC
	MARKER, SURVEY, ALUM	78306				EA	MARKER SURVEY ALUM
	MARKER, SURVEY, ALUM	78306M				EA	MARKER SURVEY ALUM
	MARKING THERMOPLASTIC, YELLOW, (PB & CR FREE)	70607M				KG	MRK THRM YL PB FREE
D	MARKING, THERMOPLASTIC, EPOXY, WHITE	70605				LB	MARKING TERM EP WH
D	MARKING, THERMOPLASTIC, EPOXY, YELLOW	70606				LB	MARKING TERM EP YL
D	MARKING, THERMOPLASTIC, GRANULAR, WHITE	70603				LB	MARKING TERM GRAN WH
D	MARKING, THERMOPLASTIC, GRANULAR, YELLOW	70604				LB	MARKING TERM GRAN YL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	MARKING, THERMOPLASTIC, WHITE	70601				LB	MARKING TERM WH
	MARKING, THERMOPLASTIC, WHITE	70601M				KG	MARKING TERM WH
	MARKING, THERMOPLASTIC, WHITE, HOT SPRAY	70608				LB	MRK THRM WH HS
	MARKING, THERMOPLASTIC, WHITE, HOT SPRAY	70608M				KG	MRK THRM WH HS
D	MARKING, THERMOPLASTIC, YELLOW	70602	64			LB	MARKING TERM YL
D	MARKING, THERMOPLASTIC, YELLOW	70602M	64			KG	MARKING TERM YL
	MARKING, THERMOPLASTIC, YELLOW (PB & CR FREE)	70607				LB	MRK THRM YL PB FREE
D	MARKING, THERMOPLASTIC, YELLOW, HOT SPRAY	70610				LB	MRK THRM YL HS
D	MARKING, THERMOPLASTIC, YELLOW, HOT SPRAY	70610M				KG	MRK THRM YL HS
	MARKING, THERMOPLASTIC, YELLOW, HOT SPRAY (PB & CR FREE)	70609				LB	MRK THRM YL HS PB FR
	MARKING, THERMOPLASTIC, YELLOW, HOT SPRAY (PB & CR FREE)	70609M				KG	MRK THRM YL HS PB FR
	MASTIC, CONCRETE PIPE SEALER - TROWELABLE	61701				GAL	MASTIC CONC PSL TROW
	MASTIC, CONCRETE PIPE SEALER - TROWELABLE	61701M				LITER	MASTIC CONC PSL TROW
D	MASTIC, CONCRETE PIPE SEALERS PREFORMED	61702				LINFT	MASTIC CONC PSL PO
D	MASTIC, SYSTEM II	38902				GAL	MASTIC SYII
	MAT, FABRIC REINFORCED ELASTOMERIC, TROUGH	62107	16			LINFT	MAT FAB REIN ELAS TR
	MAT, FABRIC REINFORCED ELASTOMERIC, TROUGH	62107M	16			METER	MAT FAB REIN ELAS TR
	MAT, TURF REINFORCEMENT	56231				SQYD	MAT TURF REINFORCE
	MAT, TURF REINFORCEMENT	56231M				SQ M	MAT TURF REINFORCE
D	MATERIAL CODE CREATED IN ERROR - NO USAGE	45319				LINFT	CREATED IN ERROR
D	MATERIAL CODE CREATED IN ERROR - NO USAGE	45319M				METER	CREATED IN ERROR
D	MATTING, EROSION CONTROL, NYLON FIBER	56216				SQYD	MATTING EROCON NYFIB
D	MATTING, EROSION CONTROL, NYLON FIBER	56216M				SQ M	MATTING EROCON NYFIB
D	MATTING, EROSION CONTROL, VINYL MONOFILAMENT	56218				SQYD	MATTING ERO-CON VINY

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MATting, EROSION CONTROL, VINYL MONOFILAMENT	57219				SQYD	MATting ERO-CON VINY
D	MATting, FLEXIBLE CHANNEL LINER COCONUT FIBER, POLYPROP MESH	56224				SQYD	MATT FLEX CHAN LINR
D	MATting, FLEXIBLE CHANNEL LINER COCONUT FIBER, POLYPROP MESH	56224M				SQ M	MATT FLEX CHAN LINR
D	MATting, PAPER YARN MESH	56210				SQYD	MATting PAPERYARN
	MATting, STRAW AND COCONUT BLEND	56223				SQYD	MATting STRAWCOCONUT
	MATting, STRAW AND COCONUT BLEND	56223M				SQ M	MATting STRAWCOCONUT
	MATting, TURF REINFORCEMENT, COCONUT (AERONAUTICS)	56233				SQYD	TRM COCONUT AERO
D	MC BASE	11301				GAL	MC BASE
D	MC BASE	11301M				LITER	MC BASE
D	MC DILUENT	11401				GAL	MC DILUENT
D	MC DILUENT	11401M				LITER	MC DILUENT
D	MEMBRANE CURING COMPD,TYPE III,WRM SEALTITE LINSEAL	43223				GAL	MEMCCP III STLINSEAL
D	MEMBRANE CURING COMPD,TYPE III,WRM SEALTITE LINSEAL	43223M				LITER	MEMCCP III STLINSEAL
D	MEMBRANE CURING COMPOUND, TYPE I, DARLING CO	43003				GAL	MEM CCP TYI DARL
D	MEMBRANE CURING COMPOUND, TYPE I, DSC	43007				GAL	MEM CCP TYI DSC
D	MEMBRANE CURING COMPOUND, TYPE I, DSC	43007M				LITER	MEM CCP TYI DSC
D	MEMBRANE CURING COMPOUND, TYPE I, DSC	43210				GAL	MEM CCP TYI DSC
D	MEMBRANE CURING COMPOUND, TYPE I, DSC J11W	43012				GAL	MEM CCP TYI DSC J11W
D	MEMBRANE CURING COMPOUND, TYPE I, DSC J11W	43012M				LITER	MEM CCP TYI DSC J11W
D	MEMBRANE CURING COMPOUND, TYPE I, DSG CHEMICAL	43005				GAL	MEM CCP TYI DSG
D	MEMBRANE CURING COMPOUND, TYPE I, EUCLID CHEM.	43002				GAL	MEM CCP TY1 EUCLID
	MEMBRANE CURING COMPOUND, TYPE I, LINSEED OIL EMULSION	43020				GAL	MEMCCP TYI LINOIL EM
	MEMBRANE CURING COMPOUND, TYPE I, LINSEED OIL EMULSION	43020M				LITER	MEMCCP TYI LINOIL EM
D	MEMBRANE CURING COMPOUND, TYPE I, RICHMOND SCREW, WB	43014M				LITER	MEM CCP TYI RCHMD WB

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE CURING COMPOUND, TYPE I, SOLVENT	43019				GAL	MEMCCP TYI SOLVENT
D	MEMBRANE CURING COMPOUND, TYPE I, SOLVENT	43019M				LITER	MEMCCP TYI SOLVENT
D	MEMBRANE CURING COMPOUND, TYPE I, SYMONS CORP., WB	43008				GAL	MEM CCP TYI SYMON WB
D	MEMBRANE CURING COMPOUND, TYPE I, SYMONS CORP., WB	43008M				LITER	MEM CCP TYI SYMON WB
D	MEMBRANE CURING COMPOUND, TYPE I, TAMMS, LINSEED OIL	43009				GAL	MEM CCP TYI TAMMS LO
D	MEMBRANE CURING COMPOUND, TYPE I, TAMMS, LINSEED OIL	43009M				LITER	MEM CCP TYI TAMMS LO
D	MEMBRANE CURING COMPOUND, TYPE I, VEXCON	43011				GAL	MEM CCP TYI VEXCON
D	MEMBRANE CURING COMPOUND, TYPE I, VEXCON	43011M				LITER	MEM CCP TYI VEXCON
D	MEMBRANE CURING COMPOUND, TYPE I, W.R. GRACE & CO.	43004				GAL	MEM CCP TYI WRGRACE
D	MEMBRANE CURING COMPOUND, TYPE I, W.R. MEADOWS CO.	43001				GAL	MEM CCP TYI WRMEAD
D	MEMBRANE CURING COMPOUND, TYPE I, W.R. MEADOWS CO.	43001M				LITER	MEM CCP TYI WRMEAD
	MEMBRANE CURING COMPOUND, TYPE I, WATER	43018				GAL	MEMCCP TYI WATER
	MEMBRANE CURING COMPOUND, TYPE I, WATER	43018M				LITER	MEMCCP TYI WATER
D	MEMBRANE CURING COMPOUND, TYPE I, XTENDON	43006				GAL	MEM CCP TYI XTENDON
D	MEMBRANE CURING COMPOUND, TYPE II XTENDON	43109				GAL	MEM CCP TYII XTENDON
D	MEMBRANE CURING COMPOUND, TYPE II, A.C. HORN	43108				GAL	MEM CCP TYII HORN
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC CURE 636	43112				GAL	MEM CCP TYII CURE636
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC CURE 636	43112M				LITER	MEM CCP TYII CURE636
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC DOT RESIN CURE II	43117	19			GAL	MEM CCP TYII CUREII
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC DOT RESIN CURE II	43117M	19			LITER	MEM CCP TYII CUREII
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC, WB RESIN CURE	43113				GAL	MEM CCP TYII CSPC WB
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC, WB RESIN CURE	43113M				LITER	MEM CCP TYII CSPC WB
D	MEMBRANE CURING COMPOUND, TYPE II, DARLING CO	43107				GAL	MEM CCP TYII DARL
D	MEMBRANE CURING COMPOUND, TYPE II, DSC	43106				GAL	MEM CCP TYII DSC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE CURING COMPOUND, TYPE II, DSC	43106M				LITER	MEM CCP TYII DSC
D	MEMBRANE CURING COMPOUND, TYPE II, MURPHY-PHOENIX	43105				GAL	MEM CCP TYII MURPHY
D	MEMBRANE CURING COMPOUND, TYPE II, PROTEX INDUSTRIES	43103				GAL	MEM CCP TYII PROTEX
D	MEMBRANE CURING COMPOUND, TYPE II, RICHMOND SCREW WB	43115				GAL	MEM CCP TYII RCHMDWB
D	MEMBRANE CURING COMPOUND, TYPE II, RICHMOND SCREW WB	43115M				LITER	MEM CCP TYII RCHMDWB
D	MEMBRANE CURING COMPOUND, TYPE II, SIKA CHEMICAL CO.	43104				GAL	MEM CCP TYII SIKA
D	MEMBRANE CURING COMPOUND, TYPE II, SOLVENT	43120				GAL	MEMCCP TYII SOLVENT
D	MEMBRANE CURING COMPOUND, TYPE II, SOLVENT	43120M				LITER	MEMCCP TYII SOLVENT
D	MEMBRANE CURING COMPOUND, TYPE II, SYMONS CORP, WB	43111				GAL	MEM CCP TYII SY WB
D	MEMBRANE CURING COMPOUND, TYPE II, SYMONS CORP, WB	43111M				LITER	MEM CCP TYII SY WB
D	MEMBRANE CURING COMPOUND, TYPE II, W.R. GRACE & CO.	43101				GAL	MEM CCP TYII WRGRACE
D	MEMBRANE CURING COMPOUND, TYPE II, W.R. MEADOWS CO.	43102				GAL	MEM CCP TYII WRMEAD
D	MEMBRANE CURING COMPOUND, TYPE II, W.R. MEADOWS CO.	43102M				LITER	MEM CCP TYII WRMEAD
	MEMBRANE CURING COMPOUND, TYPE II, WATER	43119				GAL	MEMCCP TYII WATER
	MEMBRANE CURING COMPOUND, TYPE II, WATER	43119M				LITER	MEMCCP TYII WATER
D	MEMBRANE CURING COMPOUND, TYPE II, TK PROD 5386RD	43110				GAL	MEM CCPTYII TK5386RD
D	MEMBRANE CURING COMPOUND, TYPE II, TK PROD 5386RD	43110M				LITER	MEM CCPTYII TK5386RD
D	MEMBRANE CURING COMPOUND, TYPE III, CARTER WATERS CO.	43204				GAL	MEM CCP TYIII CARWAT
D	MEMBRANE CURING COMPOUND, TYPE III, CONSPEC DOT CURE WW-3	43227M				LITER	MEMCCP TYIII DOTWW3
D	MEMBRANE CURING COMPOUND, TYPE III, DARLING CO	43208				GAL	MEM CCP TYIII DARL
D	MEMBRANE CURING COMPOUND, TYPE III, DSC	43207				GAL	MEM CCP TYIII DSC
D	MEMBRANE CURING COMPOUND, TYPE III, DSC	43207M				LITER	MEM CCP TYIII DSC
D	MEMBRANE CURING COMPOUND, TYPE III, DSC J-9	43221				GAL	MEMCCP TYIII DSC J-9
D	MEMBRANE CURING COMPOUND, TYPE III, DSC J-9	43221M				LITER	MEMCCP TYIII DSC J-9

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE CURING COMPOUND, TYPE III, EUCLID CHEM.	43206				GAL	MEM CCP TYIII EUCLID
D	MEMBRANE CURING COMPOUND, TYPE III, L&M CURED W-2	43224				GAL	MEMCCP TYIII LMCRDW2
D	MEMBRANE CURING COMPOUND, TYPE III, L&M CURED W-2	43224M				LITER	MEMCCP TYIII LMCRDW2
D	MEMBRANE CURING COMPOUND, TYPE III, LOWERY CHEM.	43205				GAL	MEM CCP TYIII LOWERY
D	MEMBRANE CURING COMPOUND, TYPE III, MURPHY PHOENIX CO	43203				GAL	MEM CCP TYIII MURPHY
D	MEMBRANE CURING COMPOUND, TYPE III, RICHMOND SCREW WB	43226				GAL	MEMCCP III, RCHMD WB
D	MEMBRANE CURING COMPOUND, TYPE III, RICHMOND SCREW WB	43226M				LITER	MEMCCP III, RCHMD WB
D	MEMBRANE CURING COMPOUND, TYPE III, SOLVENT	43231				GAL	MEMCCP TYIII SOLVENT
D	MEMBRANE CURING COMPOUND, TYPE III, SOLVENT	43231M				LITER	MEMCCP TYIII SOLVENT
D	MEMBRANE CURING COMPOUND, TYPE III, SPRAY-CURE CO.	43214				GAL	MEM CCP TYIII SPRAY
D	MEMBRANE CURING COMPOUND, TYPE III, SPRAY-CURE CO.	43214M				LITER	MEM CCP TYIII SPRAY
D	MEMBRANE CURING COMPOUND, TYPE III, SPRAY-CURE CO. WB	43217				GAL	MEMCCP TYIII SPRAYWB
D	MEMBRANE CURING COMPOUND, TYPE III, SPRAY-CURE CO. WB	43217M				LITER	MEMCCP TYIII SPRAYWB
D	MEMBRANE CURING COMPOUND, TYPE III, SYMONS CORP., WB	43218				GAL	MEM CCP TYIII SY WB
D	MEMBRANE CURING COMPOUND, TYPE III, SYMONS CORP., WB	43218M				LITER	MEM CCP TYIII SY WB
D	MEMBRANE CURING COMPOUND, TYPE III, TRI-STATE CHEM CO	43215				GAL	MEMCCP TYIII TRISTAT
D	MEMBRANE CURING COMPOUND, TYPE III, TRI-STATE CHEM CO	43215M				LITER	MEMCCP TYIII TRISTAT
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. GRACE & CO.	43201				GAL	MEM CCP TYIII WRGRAC
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS WB-W45	43211				GAL	MEM CCP TYIII WB-W45
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS WB-W45	43211M				LITER	MEM CCP TYIII WB-W45
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS WP45	43202				GAL	MEM CCP TYIII WP45
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS WP45	43202M				LITER	MEM CCP TYIII WP45
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS 1640	43220				GAL	MEMCCP TYIII WRM1640
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS 1640	43220M				LITER	MEMCCP TYIII WRM1640

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS 2230W	43216				GAL	MEM CC TYIII WRM2230
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS 2230W	43216M				LITER	MEM CC TYIII WRM2230
	MEMBRANE CURING COMPOUND, TYPE III, WATER	43230				GAL	MEMCCP TYIII WATER
	MEMBRANE CURING COMPOUND, TYPE III, WATER	43230M				LITER	MEMCCP TYIII WATER
D	MEMBRANE CURING COMPOUND, TYPE III, XTENDON	43212				GAL	MEM CCP TYIII XTENDN
D	MEMBRANE CURING COMPOUND, TYPE III, XTENDON, RESIN BASE	43213				GAL	MEM CCP TYIII XTD RB
D	MEMBRANE CURING COMPOUND, TYPE III, TK PROD 5387	43222				GAL	MEM CCP TYIII TK5387
D	MEMBRANE CURING COMPOUND, TYPE III, TK PROD 5387	43222M				LITER	MEM CCP TYIII TK5387
D	MEMBRANE CURING COMPOUND, TYPE 1, RICHMOND SCREW, WB	43014				GAL	MEM CCP TYI RCHMD WB
D	MEMBRANE CURING COMPOUND, CONSPEC, ALL RESIN	43114				GAL	MEM CCP TYII CSPCALL
D	MEMBRANE CURING COMPOUND, CONSPEC, ALL RESIN	43114M				LITER	MEM CCP TYII CSPCALL
D	MEMBRANE CURING COMPOUND, TY II, HWY ALL RESIN CURE WITH DYE	43118M				LITER	MEM CCP TYII HWY CUR
D	MEMBRANE CURING COMPOUND, TY III, HIGHWAY WHITE CURE WB	43228M				LITER	MEM CCP TYIII HWYCUR
D	MEMBRANE CURING COMPOUND, TYPE I, TK PROD 5386CL	43010				GAL	MEM CCP TYI TK5386CL
D	MEMBRANE CURING COMPOUND, TYPE I, TK PROD 5386CL	43010M				LITER	MEM CCP TYI TK5386CL
D	MEMBRANE CURING COMPOUND, TYPE I, CONSPEC ALL RESIN CLEAR	43017M				LITER	MEM CCP TYI CSPCLEAR
D	MEMBRANE CURING COMPOUND, TYPE I, CONSPEC, D.O.T. RESIN CURE	43015M				LITER	MEM CCP TYI CSPC DOT
D	MEMBRANE CURING COMPOUND, TYPE I, HIGHWAY ALL RESIN CURE	43016M				LITER	MEM CCP TYI HWY CURE
D	MEMBRANE CURING COMPOUND, TYPE I, CONSPEC, WB RESIN CURE	43013				GAL	MEM CCP TYI CSPC WB
D	MEMBRANE CURING COMPOUND, TYPE I, CONSPEC, WB RESIN CURE	43013M				LITER	MEM CCP TYI CSPC WB
D	MEMBRANE CURING COMPOUND, TYPE II, DSC REZCURE J11W	43116				GAL	MEM CCP TYII DSCJ11W
D	MEMBRANE CURING COMPOUND, TYPE II, DSC REZCURE J11W	43116M				LITER	MEM CCP TYII DSCJ11W
D	MEMBRANE CURING COMPOUND, TYPE II, W.R. MEADOWS, WATER	43121M				LITER	MEM CCP II MEAD H2O
D	MEMBRANE CURING COMPOUND, TYPE III, CONSPEC DOT CURE WW 30%	43225				GAL	MEMCCP TYIII DOTWW30

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE CURING COMPOUND,TYPE III,CONSPEC DOT CURE WW 30%	43225M				LITER	MEMCCP TYIII DOTWW30
D	MEMBRANE CURING COMPOUND,TYPE III,TAMMS,LINSEED OIL	43219				GAL	MEM CCP TYIII TAM LO
D	MEMBRANE CURING COMPOUND,TYPE III,TAMMS,LINSEED OIL	43219M				LITER	MEM CCP TYIII TAM LO
D	MEMBRANE CURING COMPOUND,TYPE III,W.R.MEADOWS 1645	43229M				LITER	MEMCCP TYIII WRM1645
D	MEMBRANE CURLING COMPOUND, TYPE II, A.C.HORN	43209				GAL	MEM CCP TYII HORN
D	MEMBRANE-(BSP-9 SYSTEM II)	38705				SQYD	MEM-BSP9 SYII
D	MEMBRANE-ASBESTOS FIBER-SYSTEM III	38703				SQYD	MEM ASB FB-SYIII
	MEMBRANE-BITUTHENE RUBBERIZED ASPHALT	38706M				SQ M	MEM-BIT RUBBER
	MEMBRANE-BUTYL RUBBER	38704M				SQ M	MEM-BUTYL RUBBER
	MEMBRANE-GEOTEXTILE VISCOELASTIC COMPOSITE, SYSTEM D	38711				SQYD	MEM-COMP GEO VISCO
	MEMBRANE-GEOTEXTILE VISCOELASTIC COMPOSITE, SYSTEM D	38711M				SQ M	MEM-COMP GEO VISCO
D	MEMBRANE-POLYETHYLENE MD	38710				SQYD	MEM-PE MD
D	MEMBRANE-POLYETHYLENE MD	38710M				SQ M	MEM-PE MD
D	MEMBRANE-POLYETHYLENE MD	39810				SQYD	MEM-PE MD
D	MEMBRANE-POLYETHYLENE VLD	38709				SQYD	MEM-PE VLD
D	MEMBRANE-POLYETHYLENE VLD	38709M				SQ M	MEM-PE VLD
D	MEMBRANE-PROTECTOR WRAP M400 SYSTEM II	38701				SQYD	MEM-PRO WR M400 SYII
D	MEMBRANE-ROSPHALT SAND BITUMINOUS MIXTURE	38708				TONS	MEM-ROS SAND BIT MIX
D	MEMBRANE-ROYSTON NO.10--SYSTEM II	38702				SQYD	MEM-ROY NO 10--SYII
	MEMBRANE, WATERPROOFING SYSTEM	38712				SQYD	MEM WATERPROOF SYS
	MEMBRANE,BITUTHENE RUBBERIZED ASPHALT	38706				SQYD	MEM-BIT RUBBER
	MEMBRANE,BUTYL RUBBER	38704				SQYD	MEM-BUTYL RUBBER
D	METAL ENERGY DISSIPATORS, GALV STEEL	46214	14			EA	MET ENGR DISP GS
D	METAL ENERGY DISSIPATORS, GALV STEEL	46214M	14			EA	MET ENGR DISP GS

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	METAL JOINT, LONGITUDINAL, CHAIR	67904	11X41	12		PC	METAL JOINT LG CHAIR
D	METAL JOINT, LONGITUDINAL, CHAIR	67904M	11X41	12		EA	METAL JOINT LG CHAIR
D	METAL JOINT, LONGITUDINAL, CHANNEL PIN	67903	41	12		PC	METAL JOINT LG CHPIN
D	METAL JOINT, LONGITUDINAL, CHANNEL PIN	67903M	41	12		EA	METAL JOINT LG CHPIN
D	METAL JOINT, LONGITUDINAL, TYPE A	67901	11X41	12		LINFT	METAL JOINT LG TYA
D	METAL JOINT, LONGITUDINAL, TYPE A	67901M	11X41	12		METER	METAL JOINT LG TYA
D	METAL JOINT, LONGITUDINAL, TYPE C	67902	11X41	12		LINFT	METAL JOINT LG TYC
D	METAL JOINT, LONGITUDINAL, TYPE C	67902M	11X41	12		METER	METAL JOINT LG TYC
	METAL JOINT, LONGITUDINAL, TYPE C, GALV	67905	11	41	12	LINFT	METAL JNT LGTYC GALV
	METAL JOINT, LONGITUDINAL, TYPE C, GALV	67905M	11	41	12	METER	METAL JNT LGTYC GALV
	METALIZING WIRE, 85/15 ZINC/ALUMINIUM	80906				LB	MET WIRE 85/15 ZN/AL
	METALIZING WIRE, 85/15 ZINC/ALUMINIUM	80906M				KG	MET WIRE 85/15 ZN/AL
D	MICRO SILICA FUME	37851				GAL	MICRO SILICA FUME
	MICROPILE, SYSTEM, GREATER THAN 2"	37152	14	30		EA	MICROPILE SYSTEM>2"
	MICROPILE, SYSTEM, GREATER THAN 2"	37152M	14	30		EA	MICROPILE SYSTEM>2"
	MICROSILICA	37852				LB	MICROSILICA
	MICROSILICA	37852M				KG	MICROSILICA
	MISCELLANEOUS (TEST SAMPLE)	70000				EA	MISC (TEST SAMPLE)
	MIXTURE FOR CRACKS, JOINTS & FLANGEWAYS	17506				TONS	MIX CR JTS FLANGEWYS
	MIXTURE FOR CRACKS, JOINTS & FLANGEWAYS	17506M				M TON	MIX CR JTS FLANGEWYS
D	MIXTURE, CEMENT AGGREGATE CAM	75003				TONS	MIX CEMENT AGG CAM
D	MIXTURE, CEMENT AGGREGATE CAM	75003M				M TON	MIX CEMENT AGG CAM
D	MIXTURE, CEMENT FLYASH AGGREGATE CFAM	75005				TONS	MIX CEM ASH AGG CFAM
D	MIXTURE, CEMENT FLYASH AGGREGATE CFAM	75005M				M TON	MIX CEM ASH AGG CFAM

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MIXTURE, CEMENT TREATED, OPEN-GRADED BASE COURSE	75006				TONS	MIX CEM BASE CS OGPM
D	MIXTURE, CEMENT TREATED, OPEN-GRADED BASE COURSE	75006M				M TON	MIX CEM BASE CS OGPM
	MIXTURE, FLYASH-SOIL	75007				N/A	MIX FLYASH-SOIL
	MIXTURE, FLYASH-SOIL	75007M				N/A	MIX FLYASH-SOIL
D	MIXTURE, LIME-FLYASH-AGGREGATE PAM	75002				TONS	MIX LIME-ASH-AGG PAM
D	MIXTURE, LIME-FLYASH-AGGREGATE PAM	75002M				M TON	MIX LIME-ASH-AGG PAM
	MIXTURE, LIME-SOIL	75001				N/A	MIX LIME-SOIL
	MIXTURE, LIME-SOIL	75001M				NA	MIX LIME-SOIL
	MIXTURE, SOIL CEMENT	75004				TONS	MIX SOIL CEMENT
	MIXTURE, SOIL CEMENT	75004M				M TON	MIX SOIL CEMENT
D	MOLD, PANEL, PRECAST CONCRETE	25511				EA	MOLD PANEL PRECONC
D	MOLD, PANEL, PRECAST CONCRETE	25511M				EA	MOLD PANEL PRECONC
	MONITOR, REGULATOR (AERO)	33706				EA	MONITOR REGULATOR
	MONITOR, REGULATOR (AERO)	33706M				EA	MONITOR REGULATOR
D	MONUMENT BOX ADJUSTABLE	21013				EA	MONUMENT BOX ADJS
D	MONUMENT BOX ADJUSTABLE	21013M				EA	MONUMENT BOX ADJS
	MOORING EYES, CAST IRON	21015				EA	MOORING EYES CAST IR
	MOORING EYES, CAST IRON	21015M				EA	MOORING EYES CAST IR
	MORTAR, PORTLAND CEMENT FAIRING	21603				LINFT	MORTAR PC FAIRING
	MORTAR, PORTLAND CEMENT FAIRING	21603M				METER	MORTAR PC FAIRING
	MORTAR, PORTLAND CEMENT, POLYMER MODIFIED	21625				SQFT	MORTAR PC POLY MOD
	MORTAR, PORTLAND CEMENT, POLYMER MODIFIED	21625M				SQ M	MORTAR PC POLY MOD
D	MUD JACK CYLINDERS	78503				EA	MUD JACK CYLINDERS
D	MUD JACK CYLINDERS	78503M				EA	MUD JACK CYLINDERS

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MULCH, COBS (CRACKED CORN)	56201				TONS	MULCH COBS
D	MULCH, COBS (CRACKED CORN)	56201M				M TON	MULCH COBS
D	MULCH, COTTON SEED HULLS	56213				LB	MULCH COT SEED HULL
D	MULCH, COTTON SEED HULLS	56213M				KG	MULCH COT SEED HULL
	MULCH, EXCELSIOR	56206				BALES	MULCH EXCELSIOR
	MULCH, EXCELSIOR	56206M				EA	MULCH EXCELSIOR
	MULCH, HARDWOOD BARK	56203				CUYD	MULCH HARDWOOD BARK
	MULCH, HARDWOOD BARK	56203M				CU M	MULCH HARDWOOD BARK
D	MULCH, HAY	56202				TONS	MULCH HAY
D	MULCH, HAY	56202M				M TON	MULCH HAY
	MULCH, HYDRAULIC	56221				TONS	MULCH HYDRAULIC
	MULCH, HYDRAULIC	56221M				M TON	MULCH HYDRAULIC
D	MULCH, SHELLS	56207				SQYD	MULCH SHELLS
D	MULCH, SHELLS	56207M				SQ M	MULCH SHELLS
	MULCH, STRAW	56204				TONS	MULCH STRAW
	MULCH, STRAW	56204M				M TON	MULCH STRAW
D	MULCH, STRAW ASPHALT COATED	56205				TONS	MULCH STRAW ASPCT
D	MULCH, STRAW ASPHALT COATED	56205M				M TON	MULCH STRAW ASPCT
	MULCH, WOOD	56208				TONS	MULCH WOOD
	MULCH, WOOD	56208M				M TON	MULCH WOOD
D	NAIL, GALV	68702	41			LB	NAIL GALV
D	NAIL, GALV	68702M	41			KG	NAIL GALV
D	NEOPRENE, REINFORCED TROUGH	70310	16	13		LINFT	NEOPRENE REIN TROUGH
D	NEOPRENE, REINFORCED TROUGH	70310M	16	13		METER	NEOPRENE REIN TROUGH

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	NEOPRENE, SHEET	70305				EA	NEOPRENE SHEET
	NEOPRENE, SHEET	70305M				EA	NEOPRENE SHEET
D	NUT, AASHTO M242M GRADE 2 LOCK GALV.	67705M	14		53	EA	NUT M292M GR 2 GVLK
D	NUT, AASHTO M242M, GRADE 8	67707M	14		53	EA	NUT M292M GR 8
D	NUT, AASHTO M242M, GRADE 8 LOCK	67709M	14		53	EA	NUT M242M GR 8 LK
D	NUT, AASHTO M242M, GRADE 8F	67708M	14		53	EA	NUT M292M GR 8F
D	NUT, AASHTO M242M, GRADE 8F LOCK	67710M	14		53	EA	NUT M242M GR 8F LK
	NUT, AASHTO M291, GRADE DH3 LOCK	67735	14			EA	NUT M291 GR DH3 LK
	NUT, AASHTO M291M, GRADE A	67728M	14		53	EA	NUT M291M GR A
D	NUT, AASHTO M291M, GRADE A CADMIUM PLATED	67725M	14			EA	NUT M291M GR A CDPL
	NUT, AASHTO M291M, GRADE A GALV.	67729M	14		53	EA	NUT M291M GR A GV
	NUT, AASHTO M291M, GRADE A LOCK GALV.	67730M	14			EA	NUT M291M GR A LKGV
	NUT, AASHTO M291M, GRADE B	67726M	14		53	EA	NUT M291M GR B
	NUT, AASHTO M291M, GRADE B GALV.	67727M	14		53	EA	NUT M291M GR B GV
	NUT, AASHTO M291M, GRADE B LOCK GALV.	67736M	14			EA	NUT M291M GR B LKGV
D	NUT, AASHTO M291M, GRADE C GALV.	67711M	14			EA	NUT M291M GR C GV
D	NUT, AASHTO M291M, GRADE C LOCK GALV.	67712M	14			EA	NUT M291M GRC LKGV
D	NUT, AASHTO M291M, GRADE C3 GALV	67733M	14			EA	NUT M291M GR C3 GALV
	NUT, AASHTO M291M, GRADE D GALV.	67716M	14			EA	NUT M291M GR D GV
	NUT, AASHTO M291M, GRADE D LOCK	67718M	14			EA	NUT M291M GR D LK
	NUT, AASHTO M291M, GRADE D LOCK GALV.	67720M	14			EA	NUT M291M GR D LKGV
	NUT, AASHTO M291M, GRADE DH GALV.	67717M	14			EA	NUT M291M GR DH GV
	NUT, AASHTO M291M, GRADE DH LOCK	67719M	14			EA	NUT M291M GR DH LK
	NUT, AASHTO M291M, GRADE DH LOCK GALV.	67721M	14			EA	NUT M291M GR DH LKGV

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	NUT, AASHTO M291M, GRADE DH3	67734M	14			EA	NUT M291M GR DH3
D	NUT, AASHTO M292M, GRADE 2 GALV.	67703M	14		53	EA	NUT M292 GR 2 GV
D	NUT, AASHTO M292M, GRADE 2 LOCK	67701M	14		53	EA	NUT M292M GR 2 LK
	NUT, AASHTO M292M, GRADE 2H GALV.	67704M	14		53	EA	NUT M292 GR 2H GV
D	NUT, AASHTO M292M, GRADE 2H LOCK	67702M	14		53	EA	NUT M292M GR 2H LK
	NUT, AASHTO M292M, GRADE 2H LOCK GALV.	67706M	14		53	EA	NUT M292M GR 2H GVLK
	NUT, ASTM A 194 GRADE 2	65601	14			LB	NUT ASTM A194 GR 2
	NUT, ASTM A 194 GRADE 2H	65602	14			LB	NUT ASTM A194 GR 2H
D	NUT, ASTM A 307	67722	14			PC	NUT A307
D	NUT, ASTM A 307, GALV.	67714	14		53	PC	NUT A307 GALV
D	NUT, ASTM A 307, LOCK	67713	14		53	PC	NUT A307 LOCK
D	NUT, ASTM A 307, LOCK GALV.	67715	14		53	PC	NUT A307 LOCK GV
D	NUT, ASTM A 563 GRADE C3 LOCK	65607	14			LB	NUT ASTM A563 GRC3LK
D	NUT, ASTM A 563 GRADE D	65605	14			LB	NUT ASTM A563 GR D
	NUT, ASTM A 563 GRADE DH	65606	14			LB	NUT ASTM A563 GR DH
	NUT, ASTM A 563 GRADE DH	65606M	14			EA	NUT ASTM A563 GR DH
	NUT, ASTM A 563, GRADE C	65603	14			LB	NUT ASTM A563 GR C
D	NUT, ASTM A 563, GRADE C3	65604	14			LB	NUT ASTM A563 GR C3
	NUT, ASTM A 563M, GRADE C	65603M	14			EA	NUT ASTM A563M GR C
D	NUT, ASTM A194, GRADE 2 GALV.	67703	14		53	PC	NUT A194 GR 2 GV
D	NUT, ASTM A194, GRADE 2 LOCK	67701	14		53	PC	NUT A194 GR 2 LK
D	NUT, ASTM A194, GRADE 2 LOCK GALV.	67705	14		53	PC	NUT A194 GR 2 GVLK
	NUT, ASTM A194, GRADE 2H GALV.	67704	14		53	PC	NUT A194 GR 2H GV
D	NUT, ASTM A194, GRADE 2H LOCK	67702	14		53	PC	NUT A194 GR 2H LK

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	NUT, ASTM A194, GRADE 2H LOCK GALV.	67706	14		53	PC	NUT A194 GR 2H GVLK
D	NUT, ASTM A194, GRADE 8	67707	14		53	PC	NUT A194 GR 8
D	NUT, ASTM A194, GRADE 8 LOCK	67709	14		53	PC	NUT A194 GR 8 LK
D	NUT, ASTM A194, GRADE 8F	67708	14		53	PC	NUT A194 GR 8F
D	NUT, ASTM A194, GRADE 8F LOCK	67710	14		53	PC	NUT A194 GR 8F LK
D	NUT, ASTM A563 GRADE A GUARD RAIL DOUBLE RECESSED	65609	14			PC	NUT A563 GR A GRDR
D	NUT, ASTM A563 GRADE A GUARD RAIL DOUBLE RECESSED	65609M	14			PC	NUT A563 GR A GRDR
	NUT, ASTM A563 GRADE A GUARD RAIL DOUBLE RECESSED GALV.	65610	14			PC	NUT A563 GR A GRDRGV
	NUT, ASTM A563 GRADE A GUARD RAIL DOUBLE RECESSED GALV.	65610M	14			PC	NUT A563 GR A GRDRGV
	NUT, ASTM A563, GRADE A	67728	14		53	PC	NUT A563 GR A
D	NUT, ASTM A563, GRADE A CADMIUM PLATED	67725	14			PC	NUT A563 GR A CDPL
	NUT, ASTM A563, GRADE A GALV.	67729	14		53	PC	NUT A563 GR A GV
	NUT, ASTM A563, GRADE A LOCK GALV.	67730	14			PC	NUT A563 GR A LKGV
	NUT, ASTM A563, GRADE B	67726	14		53	PC	NUT A563 GR B
	NUT, ASTM A563, GRADE B GALV.	67727	14		53	PC	NUT A563 GR B GV
	NUT, ASTM A563, GRADE B LOCK GALV.	67736	14			PC	NUT A563 GR B LKGV
D	NUT, ASTM A563, GRADE C GALV.	67711	14			PC	NUT A563 GR C GV
D	NUT, ASTM A563, GRADE C LOCK GALV.	67712	14			PC	NUT A563 GRC LKGV
D	NUT, ASTM A563, GRADE C3 GALV	67733	14			PC	NUT A563 GR C3 GALV
	NUT, ASTM A563, GRADE D GALV.	67716	14			PC	NUT A563 GR D GV
	NUT, ASTM A563, GRADE D LOCK	67718	14			PC	NUT A563 GR D LK
	NUT, ASTM A563, GRADE D LOCK GALV.	67720	14			PC	NUT A563 GR D LKGV
	NUT, ASTM A563, GRADE DH GALV.	67717	14			PC	NUT A563 GR DH GV
	NUT, ASTM A563, GRADE DH LOCK	67719	14			PC	NUT A563 GR DH LK

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	NUT, ASTM A563, GRADE DH LOCK GALV.	67721	14			PC	NUT A563 GR DH LKGV
	NUT, ASTM A563, GRADE DH3	67734	14			PC	NUT A563 GR DH3
D	NUT, BRIDGE BEARING PIN	65608	14			PC	NUT BRIDGE BEAR PIN
D	NUT, BRIDGE BEARING PIN	65608M	14			EA	NUT BRIDGE BEAR PIN
D	NUT, HEX, ALUMINUM	77701	14			LB	NUT HEX AL
D	NUT, HEX, ALUMINUM	77701M	14			KG	NUT HEX AL
	NUT, LOCK, STAINLESS STEEL	67732	14			PC	NUT LOCK STAINLESSST
	NUT, LOCK, STAINLESS STEEL	67732M	14			EA	NUT LOCK STAINLESSST
	NUT, SLEEVE	67723	14			PC	NUT SLEEVE
	NUT, SLEEVE	67723M	14			EA	NUT SLEEVE
	NUT, STAINLESS STEEL	67731	14			PC	NUT STAINLESS STEEL
	NUT, STAINLESS STEEL	67731M	14			EA	NUT STAINLESS STEEL
D	NUT, TRACK, AREA	67724	14			PC	NUT TRACK AREA
D	NUT, TRACK, AREA	67724M	14			EA	NUT TRACK AREA
	OFFSET, JOINT MECHANICAL	51312	14	12		EA	OFFSET JOINT MECH
	OFFSET, JOINT MECHANICAL	51312M	14	12		EA	OFFSET JOINT MECH
D	OIL, BODIED LINSEED (ART 708.11)	41001M				LITER	OIL BODIED LINSEED
D	OIL, BODIED LINSEED (ART 712.15)	41001				GAL	OIL BODIED LINSEED
	OIL, BOILED LINSEED (ASTM D260 TYPE I)	41003				GAL	OIL BOIL LINSEED TYI
	OIL, BOILED LINSEED (ASTM D260 TYPE I)	41003M				LITER	OIL BOIL LINSEED TYI
D	OIL, RAW LINSEED (ASTM D234)	41002				GAL	OIL RAW LINSEED
D	OIL, RAW LINSEED (ASTM D234)	41002M				LITER	OIL RAW LINSEED
D	OPEN-GRADED PLANT MIX AERONAUTICS	18302				TONS	OGPM AERONAUTICS
D	OPEN-GRADED PLANT MIX UNDERDRAIN PLUG	18305				TONS	OGPM UNDR PLUG

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	OPEN-GRADED PLANT MIX UNDERDRAIN PLUG	18305M				M TON	OGPM UNDR PLUG
D	OPEN-GRADED PLANT MIX WEARING COURSE	18301	4			TONS	OGPM WCS
D	OPEN-GRADED PLANT MIX WEARING COURSE	18301M				M TON	OGPM WCS
D	OVERHEAD SIGN STRUCTURE & WALKWAYS (KG)	61338M	22			KG	OVHEAD SIGN S&W KG
D	OVERHEAD SIGN STRUCTURE & WALKWAYS (LB)	61338	22			LB	OVHEAD SIGN S&W LB
	OVERHEAD SIGN STRUCTURE & WALKWAYS (LINFT)	61303	22			LINFT	OVHEAD SIGN S&W LINF
	OVERHEAD SIGN STRUCTURE & WALKWAYS (METERS)	61303M	22			METER	OVHEAD SIGN S&W MTR
	OVERHEAD SIGN STRUCTURE-END SUPPORT	61339	22			EA	OVHEAD SIGN S-ENDSUP
	OVERHEAD SIGN STRUCTURE-END SUPPORT	61339M	22			EA	OVHEAD SIGN S-ENDSUP
	OVERHEAD SIGN STRUCTURE, CANTILEVER	61340	22			LINFT	OVHEAD SIGN S CANTIL
	OVERHEAD SIGN STRUCTURE, CANTILEVER	61340M	22			METER	OVHEAD SIGN S CANTIL
	OVERHEAD SIGN STRUCTURE, TRUSS	61341	22			LINFT	OVHEAD SIGN S TRUSS
	OVERHEAD SIGN STRUCTURE, TRUSS	61341M	22			METER	OVHEAD SIGN S TRUSS
	OVERLAY, THIN POLYMER	21626				SQYD	OVERLAY THIN POLY
	OVERLAY, THIN POLYMER	21626M				SQ M	OVERLAY THIN POLY
	PACKAGED FORMED CONCRETE REPAIR MIXTURE, DRY	22108				CWT	P FORM CONC REPR MIX
	PACKAGED FORMED CONCRETE REPAIR MIXTURE, DRY	22108M				KG	P FORM CONC REPR MIX
	PACKAGED MORTAR, DRY	22109				CWT	PACKAGED MORTAR DRY
	PACKAGED MORTAR, DRY	22109M				KG	PACKAGED MORTAR DRY
D	PACKAGED PATCHING MATERIALS, VERY RAPID HARD	22200				CWT	PATCH MATLS VR-H
	PACKAGED PATCHING MORTAR MATERIALS, R1	22100				CWT	P P MORTAR MATL R1
	PACKAGED PATCHING MORTAR MATERIALS, R1	22100M				KG	P P MORTAR MATL R1
	PACKAGED PATCHING MORTAR MATERIALS, R2	22101				CWT	P P MORTAR MATL R2
	PACKAGED PATCHING MORTAR MATERIALS, R2	22101M				KG	P P MORTAR MATL R2

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PACKAGED PATCHING MORTAR MATERIALS, R3	22103				CWT	P P MORTAR MATL R3
	PACKAGED PATCHING MORTAR MATERIALS, R3	22103M				KG	P P MORTAR MATL R3
	PADS, BEARING, ELASTOMERIC COMPOSITE TYPE 1	70303	16	12	13	EA	PADS BEARING EC TY1
	PADS, BEARING, ELASTOMERIC COMPOSITE TYPE 1	70303M	16	12	13	EA	PADS BEARING EC TY1
	PADS, BEARING, ELASTOMERIC PTFE, TYPE 2	70306	16	12	13	EA	PAD BEAR EL PTFE TY2
	PADS, BEARING, ELASTOMERIC PTFE, TYPE 2	70306M	16	12	13	EA	PAD BEAR EL PTFE TY2
	PADS, BEARING, ELASTOMERIC PTFE, TYPE 3	70323				EA	PAD BEAR EL PTFE TY3
	PADS, BEARING, ELASTOMERIC PTFE, TYPE 3	70323M				EA	PAD BEAR EL PTFE TY3
D	PADS, BEARING, EXPANSION	70321	16	12	13	EA	PADS BEARING EXPAN
	PADS, BEARING, FABRIC	70301	16	12	13	EA	PADS BEARING FABRIC
	PADS, BEARING, FABRIC	70301M	16	12	13	EA	PADS BEARING FABRIC
D	PADS, BEARING, FIXED	70320	16	12	13	EA	PADS BEARING FIXED
D	PADS, BEARING, GRAPHITED, ASBESTOS	70302	16	12	13	EA	PADS BEARING GPASB
D	PADS, BEARING, GRAPHITED, ASBESTOS	70302M	16	12	13	EA	PADS BEARING GPASB
D	PADS, BEARING, NEOPRENE (PLAIN)	70304	16	12	13	EA	PADS BEARING NP
D	PADS, BEARING, NEOPRENE (PLAIN)	70304M	16	12	13	EA	PADS BEARING NP
D	PADS, BEARING, TEFLON EXPANSION	70318				EA	PADS BEARING TE
D	PADS, BEARING, TEFLON EXPANSION	70318M				EA	PADS BEARING TE
D	PAINT, ACRYLIC, LATEX, LIME YELLOW	40328				GAL	PAINT ACR-LATEX LIYL
D	PAINT, ACRYLIC, LATEX, LIME YELLOW	40476				GAL	PAINT ACR-LATEX LIYL
D	PAINT, ACRYLIC, LATEX, WHITE	40327				GAL	PAINT ACR-LATEX WH
D	PAINT, ACRYLIC, LATEX, WHITE	40475				GAL	PAINT ACR-LATEX WH
D	PAINT, ALUMINUM, LEAFING (ART 708.19)	40306M				LITER	PAINT AL LF
D	PAINT, ALUMINUM, LEAFING (ART 712.23)	40306				GAL	PAINT AL LF

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, ALUMINUM, NON-LEAFING (ART 708.20)	40305M				LITER	PAINT AL N-LF
D	PAINT, ALUMINUM, NON-LEAFING (ART 712.24)	40305				GAL	PAINT AL N-LF
D	PAINT, BASIC LEAD SI CRO AZTEC GOLD	40427				GAL	PAINT PBSICRO AZTEC
D	PAINT, BASIC LEAD SI CRO, ALUMINUM	40316				GAL	PAINT PBSICRO AL
D	PAINT, BASIC LEAD SI CRO, AZTEC GOLD	40313				GAL	PAINT PBSICRO AZTEC
D	PAINT, BASIC LEAD SI CRO, BLUE (2ND FIELD FINISH)	40308				GAL	PAINT PBSICRO BL
D	PAINT, BASIC LEAD SI CRO, BROWN (ALKYD TT-R-266)	40317				GAL	PAINT PBSICRO BR 266
D	PAINT, BASIC LEAD SI CRO, BROWN (ART. 712.28C) SILICONE	40315				GAL	PAINT PBSICRO BR SIL
D	PAINT, BASIC LEAD SI CRO, CITY OF CHICAGO, BROWN (10091)	40360				GAL	PAINT BLSICRO CHIBRN
D	PAINT, BASIC LEAD SI CRO, CITY OF CHICAGO, GREY (16440)	40358				GAL	PAINT BLSICRO CHIGRY
D	PAINT, BASIC LEAD SI CRO, DULL ORANGE PRIMER (ART 712.28A)	40203				GAL	PAINT PBSICRO OR PR
D	PAINT, BASIC LEAD SI CRO, FINISH COAT, BRIGHT GREEN	40318				GAL	PAINT PBSICRO BGTGN
D	PAINT, BASIC LEAD SI CRO, GREEN (ART 712.28C)	40304				GAL	PAINT PBSICRO GN
D	PAINT, BASIC LEAD SI CRO, GREEN (ART. 712.28C) SILICONE	40311				GAL	PAINT PBSICRO GN SIL
D	PAINT, BASIC LEAD SI CRO, GUARDRAIL, BROWN	40330				GAL	PAINT PBSICRO GR BR
D	PAINT, BASIC LEAD SI CRO, MAROON (ART 712.28B)	40303				GAL	PAINT PBSICRO MRN
D	PAINT, BASIC LEAD SI CRO, SI ALK SECOND COAT, GREY (16440)	40325				GAL	PAINT PPSICRO SASCGY
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, BROWN (30117)	40320				GAL	PAINT PBSICRO SATCB
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, GOLD BROWN(30266)	40321				GAL	PAINT PBSICRO SATCGB
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, GRAY (26314)	40324				GAL	PAINT PBSICRO SATCGR
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, GREEN (24201)	40319				GAL	PAINT PBSICRO SATCG
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, GREEN YL (33481)	40323				GAL	PAINT PBSICRO SATCGY
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, MEDIUM YL (33434)	40322				GAL	PAINT PBSICRO SATCMY
D	PAINT, BASIC LEAD SI CRO, TOBACCO BROWN	40312				GAL	PAINT PBSICRO TOB BR

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, BASIC LEAD SI CRO, YELLOW (2ND FIELD FINISH)	40331				GAL	PAINT PBSICRO YL 2FF
D	PAINT, BASIC LEAD SICRO, FINISH COAT ORANGE	40335				GAL	PAINT PBSICRO FCORG
D	PAINT, BASIC LEAD SICRO, SI ALK TOP COAT	40200	37			GAL	PAINT PASICRO SATC
D	PAINT, BLACK GRAPHITE (ART 708.21)	40302M				LITER	PAINT BLKGP
D	PAINT, BLACK GRAPHITE (ART 712.25)	40302				GAL	PAINT BLKGP
D	PAINT, BLACK TRAFFIC (TTP-110B)	40428				GAL	PAINT BLKTR TTP-110B
D	PAINT, BLACK-BRIDGE (AASHTO M68)	40301				GAL	PAINT BLK BR
D	PAINT, BLACK, NON-SKID, ENAMEL	40429				GAL	PAINT BLK N-SKID EN
D	PAINT, BRIDGE SSPC-21, MODERATE BROWN (57R 4-4)	41508				GAL	PAINT BR MOD BROWN
D	PAINT, BRIDGE SSPC-21, MODERATE BROWN (57R 4-4)	41508M				LITER	PAINT BR MOD BROWN
D	PAINT, BRIDGE SSPC-21,BLUE (10B 3-6)	41509				GAL	PAINT BR BLUE
D	PAINT, BRIDGE SSPC-21,BLUE (10B 3-6)	41509M				LITER	PAINT BR BLUE
D	PAINT, BRIDGE SSPC-21,DARK GRAY (10B 5-1)	41504				GAL	PAINT BR DARK GRAY
D	PAINT, BRIDGE SSPC-21,DARK GRAY (10B 5-1)	41504M				LITER	PAINT BR DARK GRAY
D	PAINT, BRIDGE SSPC-21,INTERSTATE GREEN(7.5G 4-8)	41501				GAL	PAINT BR INT GREEN
D	PAINT, BRIDGE SSPC-21,INTERSTATE GREEN(7.5G 4-8)	41501M				LITER	PAINT BR INT GREEN
D	PAINT, BRIDGE SSPC-21,LIGHT GRAY (10Y 7-1)	41503				GAL	PAINT BR LIGHT GRAY
D	PAINT, BRIDGE SSPC-21,LIGHT GRAY (10Y 7-1)	41503M				LITER	PAINT BR LIGHT GRAY
D	PAINT, BRIDGE SSPC-21,LIGHT GREEN (7.5GY 7-2)	41506				GAL	PAINT BR LIGHT GREEN
D	PAINT, BRIDGE SSPC-21,LIGHT GREEN (7.5GY 7-2)	41506M				LITER	PAINT BR LIGHT GREEN
D	PAINT, BRIDGE SSPC-21,LIGHT OLIVE GRAY (7.57 5-2)	41507				GAL	PAINT BR LTOLV GRAY
D	PAINT, BRIDGE SSPC-21,LIGHT OLIVE GRAY (7.57 5-2)	41507M				LITER	PAINT BR LTOLV GRAY
D	PAINT, BRIDGE SSPC-21,MODERATE GREEN (7.5GY 5-4)	41512				GAL	PAINT BR MOD GREEN
D	PAINT, BRIDGE SSPC-21,MODERATE GREEN (7.5GY 5-4)	41512M				LITER	PAINT BR MOD GREEN

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, BRIDGE SSPC-21,MODERATE YELLOW (10YR 7-8)	41511				GAL	PAINT BR MOD YELLOW
D	PAINT, BRIDGE SSPC-21,MODERATE YELLOW (10YR 7-8)	41511M				LITER	PAINT BR MOD YELLOW
D	PAINT, BRIDGE SSPC-21,OLIVE YELLOW (2.5Y 6-6)	41505				GAL	PAINT BR OLV YELLOW
D	PAINT, BRIDGE SSPC-21,OLIVE YELLOW (2.5Y 6-6)	41505M				LITER	PAINT BR OLV YELLOW
D	PAINT, BRIDGE SSPC-21,PALE BROWN (7.5YR 4-2)	41510				GAL	PAINT BR PALE BROWN
D	PAINT, BRIDGE SSPC-21,PALE BROWN (7.5YR 4-2)	41510M				LITER	PAINT BR PALE BROWN
D	PAINT, BRIDGE SSPC-21,REDDISH BROWN (2.5YR 3-4)	41502				GAL	PAINT BR RED BROWN
D	PAINT, BRIDGE SSPC-21,REDDISH BROWN (2.5YR 3-4)	41502M				LITER	PAINT BR RED BROWN
	PAINT, BRIDGE, ALIPHATIC URETHANE, BLACK (NI)	41576				GAL	PAINT URETHANE BLACK
	PAINT, BRIDGE, ALIPHATIC URETHANE, BLACK (NI)	41576M				LITER	PAINT URETHANE BLACK
	PAINT, BRIDGE, ALIPHATIC URETHANE, WARM GRAY (2.5Y 5-1)	41575				GAL	PAINT URETHANE WMGRY
	PAINT, BRIDGE, ALIPHATIC URETHANE, WARM GRAY (2.5Y 5-1)	41575M				LITER	PAINT URETHANE WMGRY
D	PAINT, BRIDGE, VINYL ENAMEL, BLUE (10B 3-6)	41529				GAL	PAINT BRVINEN BLUE
D	PAINT, BRIDGE, VINYL ENAMEL, DARK GRAY (10B 5-1)	41524				GAL	PAINT BRVINEN DKGRAY
D	PAINT, BRIDGE, VINYL ENAMEL, INTERSTATE GREEN (7.5G 4-8)	41521				GAL	PAINT BRVINEN INTGRN
D	PAINT, BRIDGE, VINYL ENAMEL, LIGHT GRAY (10Y 7-1)	41523				GAL	PAINT BRVINEN LTGRAY
D	PAINT, BRIDGE, VINYL ENAMEL, LIGHT GREEN (7.5GY 7-2)	41526				GAL	PAINT BRVINEN LTGRN
D	PAINT, BRIDGE, VINYL ENAMEL, LIGHT OLIVE GRAY (7.5Y 5-2)	41527				GAL	PAINT BRVINEN LTOGRY
D	PAINT, BRIDGE, VINYL ENAMEL, MODERATE BROWN (5YR 4-4)	41528				GAL	PAINT BRVINEN MODBRN
D	PAINT, BRIDGE, VINYL ENAMEL, MODERATE GREEN (7.5GY 5-4)	41532				GAL	PAINT BRVINEN MODGRN
D	PAINT, BRIDGE, VINYL ENAMEL, MODERATE YELLOW (10YR 7-8)	41531				GAL	PAINT BRVINEN MODYEL
D	PAINT, BRIDGE, VINYL ENAMEL, OLIVE YELLOW (2.5Y 6-6)	41525				GAL	PAINT BRVINEN OLVYEL
D	PAINT, BRIDGE, VINYL ENAMEL, PALE BROWN (7.5YR 4-2)	41530				GAL	PAINT BRVINEN PALBRN
D	PAINT, BRIDGE, VINYL ENAMEL, RED BROWN (2.5YR 3-4)	41522				GAL	PAINT BRVINEN REDBRN

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, BRIDGE, VINYL HIGH BUILD, BLUE (10B 3-6)	41549				GAL	PAINT BRVINHB BLUE
D	PAINT, BRIDGE, VINYL HIGH BUILD, DARK GRAY (10B 5-1)	41544				GAL	PAINT BRVINHB DKGRAY
D	PAINT, BRIDGE, VINYL HIGH BUILD, INTERSTATE GREEN (7.5G 4-8)	41541				GAL	PAINT BRVINHB INTGRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, LIGHT GRAY (10Y 7-1)	41543				GAL	PAINT BRVINHB LTGRAY
D	PAINT, BRIDGE, VINYL HIGH BUILD, LIGHT GREEN (7.5GY 7-2)	41546				GAL	PAINT BRVINHB LTGRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, LIGHT OLIVE GRAY (7.5Y 5-2)	41547				GAL	PAINT BRVINHB LTOGRY
D	PAINT, BRIDGE, VINYL HIGH BUILD, MODERATE BROWN (5YR 4-4)	41548				GAL	PAINT BRVINHB MODBRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, MODERATE GREEN (7.5GY 5-4)	41552				GAL	PAINT BRVINHB MODGRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, MODERATE YELLOW (10YR 7-8)	41551				GAL	PAINT BRVINHB MODYEL
D	PAINT, BRIDGE, VINYL HIGH BUILD, OLIVE YELLOW (2.5Y 6-6)	41545				GAL	PAINT BRVINHB OLVYEL
D	PAINT, BRIDGE, VINYL HIGH BUILD, PALE BROWN (7.5YR 4-2)	41550				GAL	PAINT BRVINHB PALBRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, RED BROWN (2.5YR 3-4)	41542				GAL	PAINT BRVINHB REDBRN
D	PAINT, BROWN BRIDGE (SSPC-21,T1)	40356				GAL	PAINT BWN BR
D	PAINT, CARBON BLACK	40310				GAL	PAINT CARBON BLACK
D	PAINT, CURB MARKING WHITE (M106)	40401				GAL	PAINT CURBMK WH
D	PAINT, CURB MARKING WHITE (M106)	40401M				LITER	PAINT CURBMK WH
D	PAINT, CURB MARKING YELLOW (M45)	40402				GAL	PAINT CURBMK YL
D	PAINT, CURB MARKING YELLOW (M45)	40402M				LITER	PAINT CURBMK YL
D	PAINT, ENAMEL GREEN BRIDGE	404334				GAL	PAINT ENVINYL GR BR
D	PAINT, ENAMEL VINYL ALUMINUM	40351				GAL	PAINT EN VINYL ALUM
D	PAINT, ENAMEL VINYL BROWN BRIDGE	40337				GAL	PAINT ENVINYL BR BR
D	PAINT, ENAMEL VINYL GREEN BRIDGE	40441				GAL	PAINT ENVINYL GR BR
D	PAINT, ENAMEL VINYL GREEN BRIDGE (ART 712.26)	40334				GAL	PAINT EN VINYL GR BR
D	PAINT, ENAMEL VINYL MAROON BRIDGE	40339				GAL	PAINT EN VINYL MR BR

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, ENAMEL VINYL STRONG BROWN	40345				GAL	PAINT EN VIN STR BRN
D	PAINT, ENAMEL, HIGH BUILD, VINYL BROWN 30117	40348				GAL	PAINT HBENVIN B30117
D	PAINT, ENAMEL, STRONG BROWN VINYL ISCC-NB5 55.5BR	40367				GAL	PAINT, EN STNG BRN
D	PAINT, ENAMEL, VINYL BLACK	40369				GAL	PAINT ENVIN BLACK
D	PAINT, ENAMEL, VINYL BROWN 20313	40362				GAL	PAINT ENVIN BRN20313
D	PAINT, ENAMEL, VINYL BROWN 30117	40347				GAL	PAINT ENVIN BR30117
D	PAINT, ENAMEL, VINYL MAROON (ART. 712.26)	40353				GAL	PAINT EN VINYL MARN
D	PAINT, ENAMEL, VINYL OTTAWA BROWN	40371				GAL	PAINT ENVIN OTWA BRN
D	PAINT, ENAMEL, VINYL YELLOW 33434	40359				GAL	PAINT ENVIN YEL33434
D	PAINT, ENAMEL, VINYL, CITY OF CHICAGO, GREY (16440)	40365				GAL	PAINT ENVIN GRY16440
D	PAINT, ENAMEL, VINYL, CITY OF CHICAGO, GREY (16440)	40365M				LITER	PAINT ENVIN GRY16440
D	PAINT, GREEN BRIDGE, CALCIUM BORO SILICATE	40354				GAL	PAINT GRBRG CABORO51
D	PAINT, GREEN BRIDGE, ZINC HYDROXY PHOSPHITE	40355				GAL	PAINT GRBRG ZNHYPHO
D	PAINT, GREY FINISH, (SSPC-21) (16440)	40366				GAL	PAINT GREY FIN 16440
D	PAINT, HIGH BUILD VINYL GREY 26493	40349				GAL	PAINT HBVIN GR 26493
D	PAINT, HIGH BUILD VINYL, BLACK	40368				GAL	PAINT HBVIN BLACK
D	PAINT, HIGH BUILD VINYL, BLUE 595A-25488	40340				GAL	PAINT HB VIN BLUE
D	PAINT, HIGH BUILD VINYL, CITY OF CHICAGO, GREY (16440)	40364				GAL	PAINT HBVIN CHIGRY
D	PAINT, HIGH BUILD VINYL, CITY OF CHICAGO, GREY (16440)	40364M				LITER	PAINT HBVIN CHIGRY
D	PAINT, HIGH BUILD VINYL, OTTAWA BROWN	40370				GAL	PAINT HBVIN OTWA BRN
D	PAINT, HIGH BUILD, POLYURETHANE, TOPCOAT	40346				GAL	PAINT HB PLYURTH TC
D	PAINT, HIGH BUILD, VINYL BROWN 20313	40361				GAL	PAINT HBVIN BWN20313
D	PAINT, HIGH BUILD, VINYL GREEN BRIDGE	40438				GAL	PAINT AB VINYL GR BR
D	PAINT, HIGH BUILD, VINYL GREEN BRIDGE (ART 712.26)	40333				GAL	PAINT HB VINYL GR BR

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, HIGH BUILD, VINYL MAROON BRIDGE	40338				GAL	PAINT HB VINYL MR BR
D	PAINT, HIGH BUILD, VINYL STRONG BROWN	40344				GAL	PAINT HB VIN STR BR
D	PAINT, HIGH BUILD, VINYL WHITE	40350				GAL	PAINT HB VIN WHITE
D	PAINT, HIGH BUILD, VINYL, ALUMINUM	40352				GAL	PAINT HB VINYL ALUM
D	PAINT, HIGH BUILD, VINYL, BAYBERRY GREEN	40342				GAL	PAINT HB VIN BBRY GR
D	PAINT, HIGHBUILD VINYL, BROWN BRIDGE	40336				GAL	PAINT HB VINYL BR BR
D	PAINT, INTERSTATE GREEN BRIDGE (SSPC-21,T1)	40357				GAL	PAINT IST GRN BR
D	PAINT, LATEX TRAFFIC & AIRFIELD MARKING, YELLOW TT-P-1952	40443				GAL	PAINT LX T&AF MK YL
D	PAINT, LATEX TRAFFIC & AIRFIELD MARKING, YELLOW TT-P-1952	40443M				LITER	PAINT LX T&AF MK YL
D	PAINT, PAVEMENT MAKING, POLYESTER YELLOW	40440				GAL	PAINT PVTMK PLEST YL
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, BLACK	40450				GAL	PAINT PVTMK ACLX BLK
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, BLACK	40450M				LITER	PAINT PVTMK ACLX BLK
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, WHITE	40444				GAL	PAINT PVTMK ACLX WH
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, WHITE	40444M				LITER	PAINT PVTMK ACLX WH
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, YELLOW	40445				GAL	PAINT PVTMK ACLX YL
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, YELLOW	40445M				LITER	PAINT PVTMK ACLX YL
D	PAINT, PAVEMENT MARKING, BLACK A-A-2886	40454				GAL	PAINT PVTMK BLK 2886
D	PAINT, PAVEMENT MARKING, CHLORINATED POLYOLEFIN TYPE, WHITE	40446				GAL	PAINT PVTMK CLPO WH
D	PAINT, PAVEMENT MARKING, CHLORINATED POLYOLEFIN TYPE, WHITE	40446M				LITER	PAINT PVTMK CLPO WH
D	PAINT, PAVEMENT MARKING, CHLORINATED POLYOLEFIN TYPE, YELLOW	40447				GAL	PAINT PVTMK CLPOYL
D	PAINT, PAVEMENT MARKING, CHLORINATED POLYOLEFIN TYPE, YELLOW	40447M				LITER	PAINT PVTMK CLPOYL
	PAINT, PAVEMENT MARKING, EPOXY, BLACK	40451				GAL	PAINT PVTMK EPOX BLK
	PAINT, PAVEMENT MARKING, EPOXY, BLACK	40451M				LITER	PAINT PVTMK EPOX BLK
	PAINT, PAVEMENT MARKING, EPOXY, POLYUREA WHITE	40452				GAL	PAINT PVTMK EP PL WH

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PAINT, PAVEMENT MARKING, EPOXY, POLYUREA WHITE	40452M				LITER	PAINT PVTMK EP PL WH
	PAINT, PAVEMENT MARKING, EPOXY, POLYUREA YELLOW	40453				GAL	PAINT PVTMK EP PL YL
	PAINT, PAVEMENT MARKING, EPOXY, POLYUREA YELLOW	40453M				LITER	PAINT PVTMK EP PL YL
	PAINT, PAVEMENT MARKING, EPOXY, WHITE	40431				GAL	PAINT PVTMK EPOXY WH
	PAINT, PAVEMENT MARKING, EPOXY, WHITE	40431M				LITER	PAINT PVTMK EPOXY WH
	PAINT, PAVEMENT MARKING, EPOXY, YELLOW, PB FREE	40457				GAL	PAINT PVT EP YL NOPB
	PAINT, PAVEMENT MARKING, EPOXY, YELLOW, PB FREE	40457M				LITER	PAINT PVT EP YL NOPB
D	PAINT, PAVEMENT MARKING, EPOXY, YELLOW	40432				GAL	PAINT PVTMK EPOXY YL
D	PAINT, PAVEMENT MARKING, EPOXY, YELLOW	40432M				LITER	PAINT PVTMK EPOXY YL
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M111) CL RUBBER	40405				GAL	PAINT PVTMK 111 CLBL
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M115)	40408				GAL	PAINT PVTMK FDBLK
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M116)	40412				GAL	PAINT PVTMK FDBLK
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M118) CL RUBBER	40419				GAL	PAINT PVTMK FDBLK CL
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M119)	40416				GAL	PAINT PVTMK FDBLK
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M119)	40416M				LITER	PAINT PVTMK FDBLK
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M110) CL RUBBER	40406				GAL	PAINT PVTMK 110 CLBL
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M114)	40409				GAL	PAINT PVTMK FDWH
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M116)	40413				GAL	PAINT PVTMK FDWH
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M118) CL RUBBER	40420				GAL	PAINT PVTMK FDWH CL
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M119)	40417				GAL	PAINT PVTMK FDWH
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (TTP115)	40415				GAL	PAINT PVTMK FDWH
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M 123) CL RUBBER	40433				GAL	PAINT PVTMK 123WH CL
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M 123) CL RUBBER	40433M				LITER	PAINT PVTMK 123WH CL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M 123), PB FREE	40456				GAL	PAINT PVT 123YL NOPB

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M 123), PB FREE	40456M				LITER	PAINT PVT 123YL NOPB
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M109) CL RUBBER	40407				GAL	PAINT PVTMK 109 CLYL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M113)	40410				GAL	PAINT PVTMK FDYL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M116)	40414				GAL	PAINT PVTMK FDYL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M118) CL RUBBER	40421				GAL	PAINT PVTMK FDYL CL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M119)	40418				GAL	PAINT PVTMK FDYL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M 123)	40434				GAL	PAINT PVTMK 123YL CL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M 123)	40434M				LITER	PAINT PVTMK 123YL CL
	PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, WHITE	40458				GAL	PAINT PVTMK MD EP WH
	PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, WHITE	40458M				LITER	PAINT PVTMK MD EP WH
	PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, YELLOW	40459				GAL	PAINT PVTMK MD EP YL
	PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, YELLOW	40459M				LITER	PAINT PVTMK MD EP YL
D	PAINT, PAVEMENT MARKING, POLYSESTER WHITE	40439				GAL	PAINT PVTMK PLEST WH
	PAINT, PAVEMENT MARKING, RED A-A-2886	40462				GAL	PAINT PVTMK RED 2886
	PAINT, PAVEMENT MARKING, RED A-A-2886	40462M				LITER	PAINT PVTMK RED 2886
D	PAINT, PAVEMENT MARKING, WHITE (M 122)	40435				GAL	PAINT PVTMK 122 WH
D	PAINT, PAVEMENT MARKING, WHITE (M 122)	40435M				LITER	PAINT PVTMK 122 WH
D	PAINT, PAVEMENT MARKING, WHITE (M117)	40422				GAL	PAINT PVTMK 117 WH
D	PAINT, PAVEMENT MARKING, WHITE (M91)	40403				GAL	PAINT PVTMK 91 WH
	PAINT, PAVEMENT MARKING, WHITE A-A-2886	40460				GAL	PAINT PVTMK WH 2886
	PAINT, PAVEMENT MARKING, WHITE A-A-2886	40460M				LITER	PAINT PVTMK WH 2886
D	PAINT, PAVEMENT MARKING, YELLOW (M117)	40423				GAL	PAINT PVTMK 117 YL
D	PAINT, PAVEMENT MARKING, YELLOW (M90)	40404				GAL	PAINT PVTMK 90 YL
	PAINT, PAVEMENT MARKING, YELLOW A-A-2886	40461				GAL	PAINT PVTMK YL 2886

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PAINT, PAVEMENT MARKING, YELLOW A-A-2886	40461M				LITER	PAINT PVTMK YL 2886
D	PAINT, PAVEMENT MARKING, YELOW (M 122)	40436				GAL	PAINT PVTMK 122 YL
D	PAINT, PAVEMENT MARKING, YELOW (M 122)	40436M				LITER	PAINT PVTMK 122 YL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (TTP-115)	40424				GAL	PAINT PVTMK FDYL
D	PAINT, PRIME COAT LATEX, INTERIOR WHITE - TTP 650	40329				GAL	PAINT PRIME LATEX WH
D	PAINT, PRIME COAT LATEX, INTERIOR WHITE - TTP 650	40329M				LITER	PAINT PRIME LATEX WH
D	PAINT, PRIME COAT LATEX, INTERIOR WHITE TTP 650	40477				GAL	PAINT PRIME LATEX WH
D	PAINT, PRIMER, RED OXIDE, ZINC CHROMATE	40206				GAL	PAINT PR REDOX ZNCRO
D	PAINT, PRIMER, ZINC MOLYBDATE (TTP645B)	40207				GAL	PAINT PR ZN MOLYBDAT
D	PAINT, PRIMER, ZINC MOLYBDATE (TTP645B)	40207M				LITER	PAINT PR ZN MOLYBDAT
D	PAINT, RED LEAD PRIMER (AASHTO M72, TYPE II)	40202				GAL	PAINT REDPB PR M72T2
D	PAINT, RED PRIMER, CALCIUM BORO SILICATE	40205				GAL	PAINT REDPR CABOROSI
D	PAINT, RED PRIMER, ZINC HYDROXY PHOSPHITE	40204				GAL	PAINT REDPR ZNHYPHO
	PAINT, REFLECTORIZED TRAFFIC, AIRFIELD (TT-P-85) WHITE	40426				GAL	PAINT AIRFLD REFL WH
	PAINT, REFLECTORIZED TRAFFIC, AIRFIELD (TT-P-85) WHITE	40426M				LITER	PAINT AIRFLD REFL WH
	PAINT, REFLECTORIZED TRAFFIC, AIRFIELD (TT-P-85) YELLOW	40425				GAL	PAINT AIRFLD REFL YL
	PAINT, REFLECTORIZED TRAFFIC, AIRFIELD (TT-P-85) YELLOW	40425M				LITER	PAINT AIRFLD REFL YL
D	PAINT, ROAD MARKING AEROSOL	40437				N/A	PAINT RDMARK AEROSOL
D	PAINT, ROAD MARKING AEROSOL	40437M				NA	PAINT RDMARK AEROSOL
D	PAINT, VINYL ENAMEL BLUE 595A-25488	40341				GAL	PAINT VIN ENAM BLUE
D	PAINT, VINYL EPOXY	40430				GAL	PAINT VINYL EPOXY
D	PAINT, WHITE TITANIUM (AASHTO M70, TYPE I CLASS C)	40307				GAL	PAINT WH TI TYI CLC
D	PAINT, WHITE TITANIUM (AASHTO M70, TYPE I CLASS C)	40307M				LITER	PAINT WH TI TYI CLC
D	PAINT, YELLOW BRIDGE (SSPC-21) 33434	40363				GAL	PAINT YL BRG 33434

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, ZINC CHROMATE PRIMER (M97)	40201				GAL	PAINT ZNCRO PR M97
D	PAINT, ZINC SILICATE (ART 712.26)	40309				GAL	PAINT ZINC SILICATE
D	PAINT,BASIC LEAD SICRO,SI ALK TOP COAT,DEEP ORANGE (ISCCNB551	40332				GAL	PAINT PBSICRO SATCDO
	PAINT, BRIDGE, ALIPHATIC URETHANE, BLUE (10B 3-6)	41573				GAL	PAINT URETHANE BLUE
	PAINT, BRIDGE, ALIPHATIC URETHANE, INTST GREEN (7.5G 4-8)	41571				GAL	PAINT URETHANE INTGR
	PAINT, BRIDGE, ALIPHATIC URETHANE, LIGHT GRAY (5B 7-1)	41574				GAL	PAINT URETHANE LTGRY
	PAINT, BRIDGE, ALIPHATIC URETHANE, REDDISH BROWN (2.5YR 3-4)	41572				GAL	PAINT URETHANE RDBRN
	PAINT, BRIDGE, MOISTURE CURED URETHANE, BLUE (10B 3-6)	41583				GAL	PAINT MCU BLUE
	PAINT, BRIDGE, MOISTURE CURED URETHANE, INTST GREEN (7.5G 4-8)	41581				GAL	PAINT MCU INTGRN
	PAINT, BRIDGE, MOISTURE CURED URETHANE, LIGHT GRAY (5B 7-1)	41584				GAL	PAINT MCU LTGRAY
	PAINT, BRIDGE, MOISTURE CURED URETHANE, REDDISH BROWN 7.5YR 3-4	41582				GAL	PAINT MCU REDBRN
	PAINT, BRIDGE, WATERBORNE ACRYLIC, BLUE (10B 3-6)	41563				GAL	PAINT WTRBRN BLUE
	PAINT, BRIDGE, WATERBORNE ACRYLIC, BLUE (10B 3-6)	41563M				LITER	PAINT WTRBRN BLUE
	PAINT, BRIDGE, WATERBORNE ACRYLIC, INTST GREEN (7.5G 4-8)	41561				GAL	PAINT WTRBRN INTGRN
	PAINT, BRIDGE, WATERBORNE ACRYLIC, INTST GREEN (7.5G 4-8)	41561M				LITER	PAINT WTRBRN INTGRN
	PAINT, BRIDGE, WATERBORNE ACRYLIC, LIGHT GRAY (5B 7-1)	41564				GAL	PAINT WTRBRN LTGRAY
	PAINT, BRIDGE, WATERBORNE ACRYLIC, LIGHT GRAY (5B 7-1)	41564M				LITER	PAINT WTRBRN LTGRAY
	PAINT, BRIDGE, WATERBORNE ACRYLIC, REDISH BROWN (2.5YR 3-4)	41562				GAL	PAINT WTRBRN REDBRN
	PAINT, BRIDGE, WATERBORNE ACRYLIC, REDISH BROWN (2.5YR 3-4)	41562M				LITER	PAINT WTRBRN REDBRN
D	PAINT, CALCIUM SULFONATE-ALKYD	41602				GAL	PAINT CA SULF ALKYD
D	PAINT, CALCIUM SULFONATE-ALKYD	41602M				LITER	PAINT CA SULF ALKYD
	PAINT, LATEX, TRAFFIC AND AIRFIELD MARKING, GREEN TT-P-1952	40463				GAL	PAINT LXT&AFMK GN
	PAINT, LATEX, TRAFFIC AND AIRFIELD MARKING, RED TT-P-1952	40455				GAL	PAINT LX T&AFMK RD
D	PAINT, LATEX, TRAFFIC AND AIRFIELD MARKING, WHITE TT-P-1952	40442				GAL	PAINT LX T&AFMK WH

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, LATEX, TRAFFIC AND AIRFIELD MARKING, WHITE TT-P-1952	40442M				LITER	PAINT LX T&AFMK WH
D	PAINT, PAVEMENT MARKING, ACRYLIC COPOLYMER, WHITE	40448				GAL	PNT PVMK ACRCOPLY WH
D	PAINT, PAVEMENT MARKING, ACRYLIC COPOLYMER, WHITE	40448M				LITER	PNT PVMK ACRCOPLY WH
D	PAINT, PAVEMENT MARKING, ACRYLIC COPOLYMER, YELLOW	40449				GAL	PNT PVMK ACRCOPLY YL
D	PAINT, PAVEMENT MARKING, ACRYLIC COPOLYMER, YELLOW	40449M				LITER	PNT PVMK ACRCOPLY YL
D	PAINT, VINYL ENAMEL, BAYBERRY GREEN	40343				GAL	PAINT VIN ENM BBRYGR
D	PAINT, ZINC SILICATE	40411				GAL	PAINT ZINC SILICATE
	PANEL, CONTROL, AIRPORT LIGHTING (AERO)	33705				EA	PANEL CNTL ARPT LITE
	PANEL, CONTROL, AIRPORT LIGHTING (AERO)	33705M				EA	PANEL CNTL ARPT LITE
D	PANEL, DECK, PRECAST POSTTENSIONED CONCRETE	27902	16	19	7	SQFT	PANEL PCST POSTENS
D	PANEL, DECK, PRECAST POSTTENSIONED CONCRETE	27902M	16	19	7	SQ M	PANEL PCST POSTENS
	PANEL, EROSION CONTROL, POLYETHYLENE	56230				EA	PANEL EROCON POLYETH
	PANEL, EROSION CONTROL, POLYETHYLENE	56230M				EA	PANEL EROCON POLYETH
	PANEL, MECHANICALLY STAB EARTH RETAIN WALL, PRECAST CONCRETE	25523				SQFT	PANEL MSERW PC
	PANEL, MECHANICALLY STAB EARTH RETAIN WALL, PRECAST CONCRETE	25523M				SQ M	PANEL MSERW PC
D	PANEL, PRECAST CONCRETE	25510	16	19	7	SQFT	PANEL PRECAST CONC
D	PANEL, PRECAST CONCRETE	25510M	16	19	7	SQ M	PANEL PRECAST CONC
	PANEL, PRECAST CONCRETE PARAPET	25521	11			LINFT	PANEL PCAST PARAPET
	PANEL, PRECAST CONCRETE PARAPET	25521M				METER	PANEL PCAST PARAPET
D	PANEL, PRECAST EXPOSED, AGGREGATE SLOPE WALL	25503	11	19	7	SQFT	PANEL PRECAST EA SW
D	PANEL, PRECAST EXPOSED, AGGREGATE SLOPE WALL	25503M	11	19	7	SQ M	PANEL PRECAST EA SW
	PANEL, PRECAST PRESTRESSED CONCRETE (SIGHT SCREEN)	27806	16	19	7	SQFT	PANEL PPCONC SCREEN
	PANEL, PRECAST PRESTRESSED CONCRETE (SIGHT SCREEN)	27806M	16	19	7	SQ M	PANEL PPCONC SCREEN
D	PANEL, PRECAST SLOPE WALL	25502	11	19	7	SQFT	PANEL PRECAST SW

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PANEL, PRECAST SLOPE WALL	25502M	11	19	7	SQ M	PANEL PRECAST SW
D	PANEL, SIGN, EXTRUDED ALUMINUM	61318	16			SQFT	PANEL SIGN EX AL
D	PANEL, SIGN, EXTRUDED ALUMINUM	61318M	16			SQ M	PANEL SIGN EX AL
D	PANEL, SIGN, PLYWOOD	61316	16			SQFT	PANEL SIGN PLYWOOD
D	PANEL, SIGN, PLYWOOD	61316M	16			SQ M	PANEL SIGN PLYWOOD
D	PANEL, SIGN, WELDED ALUMINUM	61315	16			SQFT	PANEL SIGN WLD AL
D	PANEL, SIGN, WELDED ALUMINUM	61315M	16			SQ M	PANEL SIGN WLD AL
	PATCHING MIXTURE, CALCIUM ALUMINATE CEMENT	22107				CUYD	PATCH MIX CA ALUM
	PATCHING MIXTURE, CALCIUM ALUMINATE CEMENT	22107M				CU M	PATCH MIX CA ALUM
	PATCHING MIXTURE, CONCRETE, R1	22102				CUYD	PATCH MIX CONC R1
	PATCHING MIXTURE, CONCRETE, R1	22102M				CU M	PATCH MIX CONC R1
	PATCHING MIXTURE, CONCRETE, R2	22104				CUYD	PATCH MIX CONC R2
	PATCHING MIXTURE, CONCRETE, R2	22104M				CU M	PATCH MIX CONC R2
	PATCHING MIXTURE, CONCRETE, R3	22105				CUYD	PATCH MIX CONC R3
	PATCHING MIXTURE, CONCRETE, R3	22105M				CU M	PATCH MIX CONC R3
	PATCHING MIXTURE, RAPID HARDENING CEMENT	22106				CUYD	PATCH MIX R-H CEMENT
	PATCHING MIXTURE, RAPID HARDENING CEMENT	22106M				CU M	PATCH MIX R-H CEMENT
	PAVER, CONCRETE	25113	12	13	16	EA	PAVER CONCRETE
	PAVER, CONCRETE	25113M	12	13	16	EA	PAVER CONCRETE
	PEAT MOSS	56301				CUFT	PEAT MOSS
	PEAT MOSS	56301M				CU M	PEAT MOSS
	PENETRATING PRIMER - SYSTEM I	38602				GAL	PENTR PRIMER SYI
	PENETRATING PRIMER - SYSTEM I	38602M				LITER	PENTR PRIMER SYI
D	PENTACHLOROPHENOL	42801				GAL	PENTACHLOROPHENOL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIGMENT, ALUMINUM (ASTM D962, TYPE II, CLASS B)	40612				LB	PIGMENT AL TYII
D	PIGMENT, ALUMINUM (ASTM D962, TYPE II, CLASS B)	40612M				KG	PIGMENT AL TYII
D	PIGMENT, ALUMINUM (ASTM D962, TYPE IV, CLASS B)	40613				LB	PIGMENT AL TYIV
D	PIGMENT, ALUMINUM (ASTM D962, TYPE IV, CLASS B)	40613M				KG	PIGMENT AL TYIV
D	PIGMENT, BARIUM SULFATE (ASTM D 602 BARYTES)	40604				LB	PIGMENT BASULFATE
D	PIGMENT, BARIUM SULFATE (ASTM D 602 BARYTES)	40604M				KG	PIGMENT BASULFATE
D	PIGMENT, BASIC LEAD SILICO-CHROMATE (ASTM D1648)	40617				LB	PIGMENT PBSICRO
D	PIGMENT, BLACK GRAPHITE (ART 708.07)	40629M				KG	PIGMENT BLKGP
D	PIGMENT, BLACK GRAPHITE (ART 712.08)	40629				LB	PIGMENT BLKGP
D	PIGMENT, CALCIUM CARBONATE (ASTM D1199 TYPE GC GRADE I)	40603				LB	PIGMENT CACO TYGC
D	PIGMENT, CALCIUM CARBONATE (ASTM D1199 TYPE PC GRADE I)	40602				LB	PIGMENT CACO TYPC
D	PIGMENT, CALCIUM CARBONATE (ASTM D1199)	40602M				KG	PIGMENT CACO
D	PIGMENT, CARBON BLACK (ASTM D561)	40610				LB	PIGMENT CBLK
D	PIGMENT, CHROME ORANGE (ASTM D211 TYPE IV)	40621				LB	PIGMENT CROOR TYIV
D	PIGMENT, CHROME ORANGE (ASTM D211 TYPE V)	40622				LB	PIGMENT CROOR TYV
D	PIGMENT, CHROME OXIDE GREEN (ASTM D263)	40615				LB	PIGMENT CROOXGR
D	PIGMENT, CHROME YELLOW (ASTM D211 TYPE I)	40618				LB	PIGMENT CROYL TYI
D	PIGMENT, CHROME YELLOW (ASTM D211 TYPE II)	40619				LB	PIGMENT CROYL TYII
D	PIGMENT, CHROME YELLOW (ASTM D211 TYPE III)	40620				LB	PIGMENT CROYL TYIII
D	PIGMENT, CHROME YELLOW (ASTM D211 TYPE VI)	40623				LB	PIGMENT CROYL TYVI
D	PIGMENT, CHROME YELLOW AND ORANGE (ASTM D211)	40618M				KG	PIGMENT CROYL
D	PIGMENT, COPPER PHTHALOCYANINE BLUE (ASTM D963)	40614				LB	PIGMENT CUPCY BLUE
D	PIGMENT, INTEGRAL CONCRETE, RED BRICK	40635				LB	PIGMENT NTGRL RED BK
D	PIGMENT, INTEGRAL CONCRETE, RED BRICK	40635M				KG	PIGMENT NTGRL RED BK

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIGMENT, LAMPBLACK (ASTM D209)	40611				LB	PIGMENT LAMPBLK
D	PIGMENT, MAGNESIUM SILICATE (ASTM D605)	40601				LB	PIGMENT MGSI D605
D	PIGMENT, MAGNESIUM SILICATE (ASTM D605)	40601M				KG	PIGMENT MGSI D605
D	PIGMENT, ORGANIC ZINC DUST	40634				LB	PIGMENT OR ZN DUST
D	PIGMENT, PHTHALOCYANINE GREEN (ASTM D3021)	40616				LB	PIGMENT PCYGR
D	PIGMENT, RAW SIENNA (ASTM D765)	40625				LB	PIGMENT RAW SIENNA
D	PIGMENT, RED IRON OXIDE	40627				LB	PIGMENT REDFEOX
D	PIGMENT, RED LEAD (ASTM D83 97% GRADE)	40626				LB	PIGMENT REDLEAD
D	PIGMENT, SILICA (ART 708.10)	40630M				KG	PIGMENT SILICA
D	PIGMENT, SILICA (ART 712.12)	40630				LB	PIGMENT SILICA
D	PIGMENT, SILICEOUS IRON OXIDE	40632				LB	PIGMENT SI FE O
D	PIGMENT, TITANIUM DIOXIDE (ASTM D476 TYPE I)	40605				LB	PIGMENT TIDIO TYI
D	PIGMENT, TITANIUM DIOXIDE (ASTM D476 TYPE II)	40606				LB	PIGMENT TIDIO TYII
D	PIGMENT, TITANIUM DIOXIDE (ASTM D476 TYPE III)	40607				LB	PIGMENT TIDIO TYIII
D	PIGMENT, TITANIUM DIOXIDE (ASTM D476 TYPE IV)	40608				LB	PIGMENT TIDIO TYIV
D	PIGMENT, TITANIUM DIOXIDE (ASTM D476)	40605M				KG	PIGMENT TIDIO
D	PIGMENT, TOLUIDINE RED (ASTM D656)	40628				LB	PIGMENT TOL RED
D	PIGMENT, UMBER, RAW	40631				LB	PIGMENT UMBER RAW
D	PIGMENT, ZINC OXIDE (ASTM D79 FRENCH PROCESS TYPE)	40633				LB	PIGMENT ZNOX FPT
D	PIGMENT, ZINC OXIDE (ASTM D79)	40609				LB	PIGMENT ZINC OXIDE
D	PIGMENT, ZINC OXIDE (ASTM D79)	40609M				KG	PIGMENT ZINC OXIDE
D	PIGMENT, ZINC YELLOW (ASTM D478 TYPE I)	40624				LB	PIGMENT ZNYL TYI
	PILING, PRECAST CONCRETE	36601	13	19		LINFT	PILING PCONC
	PILING, PRECAST CONCRETE	36601M	13	19		METER	PILING PCONC

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PILING, PRESTRESSED PRECAST CONCRETE	36602	13	19		LINFT	PILING PPCONC
	PILING, PRESTRESSED PRECAST CONCRETE	36602M	13	19		METER	PILING PPCONC
	PILING, STEEL H	36706	15	24	19	LINFT	PILING STLH M270
	PILING, STEEL H	36706M	15	24	19	METER	PILING STLH M270
D	PILING, STEEL H, AASHTO M183	36701	15	24	19	LINFT	PILING STLH M183
D	PILING, STEEL H, AASHTO M183, GALV.	36702	15	24	19	LINFT	PILING STLH GV M183
D	PILING, STEEL H, AASHTO M183, PAINTED	36700	15	24	19	LINFT	PILING STLH PTD M183
D	PILING, STEEL H, AASHTO M183M	36701M	15	24	19	METER	PILING STLH M183M
D	PILING, STEEL H, AASHTO M183M, GALV.	36702M	15	24	19	METER	PILING STLH GV M183M
D	PILING, STEEL H, AASHTO M183M, PAINTED	36700M	15	24	19	METER	PILING STLH PTDM183M
D	PILING, STEEL H, AASHTO M222	36703	15	24	19	LINFT	PILING STLH M222
D	PILING, STEEL H, AASHTO M222M	36703M	15	24	19	METER	PILING STLH M222M
D	PILING, STEEL H, AASHTO M223 GRADE 50	36704	15	24	19	LINFT	PILING STLH M223 G50
D	PILING, STEEL H, AASHTO M223M GRADE 345	36704M	15	24	19	METER	PILIN STLH M223MG345
	PILING, STEEL H, PAINTED	36705	15	24	19	LINFT	PILING STLH PTD M270
	PILING, STEEL H, PAINTED	36705M	15	24	19	METER	PILING STLH PTD M270
D	PILING, STEEL SHEET, AASHTO M223, GRADE 50	36902	8	19		SQFT	PILING STSH M223 G50
D	PILING, STEEL SHEET, AASHTO M223, GRADE 60	36905	8	19		SQFT	PILING STSH M223 G60
D	PILING, STEEL SHEET, AASHTO M223M, GRADE 345	36902M	8	19		SQ M	PILING STSH M223G345
D	PILING, STEEL SHEET, AASHTO M223M, GRADE 415	36905M	8	19		SQ M	PILING STSHM223MG415
	PILING, STEEL SHEET, ASTM A328	36901	8	19		SQFT	PILING STSH A328
	PILING, STEEL SHEET, ASTM A328	36901M	8	19		SQ M	PILING STSH A328M
D	PILING, STEEL SHEET, ASTM A328 GALV	36903	8	19		SQFT	PILING STSH GV A328
D	PILING, STEEL SHEET, ASTM A328, GALV.	36900	8	19		LINFT	PILING STSH GV A328

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PILING, STEEL SHEET, ASTM A328M GALV	36903M	8	19		SQ M	PILING STSH GV A328M
	PILING, STEEL SHEET, ASTM A572, GRADE 50	36906	8	19		SQFT	PILING STSH A572 G50
	PILING, STEEL SHEET, ASTM A572, GRADE 50	36906M	8	19		SQ M	PILING STSH A572 G50
D	PILING, STEEL SHEET, ASTM A690	36904	8	19		SQFT	PILING STSH A690
D	PILING, STEEL SHEET, ASTM A690M	36904M	8	19		SQ M	PILING STSH A690M
	PILING, STEEL SHELL, ASTM A252, GRADE 2, CYLINDRICAL	36801	14	28	19	LINFT	PILING STLSHL 2CY
	PILING, STEEL SHELL, ASTM A252, GRADE 2, CYLINDRICAL	36801M	14	28	19	METER	PILING STLSHL 2CY
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, CYLINDRICAL, GALV.	36807	14	28		LINFT	PILING STLSHL 2CYGV
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, CYLINDRICAL, GALV.	36807M	14	28		METER	PILING STLSHL 2CYGV
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, STEP-TAPERED	36805	14	28		LINFT	PILING STLSHL 2STP
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, STEP-TAPERED	36805M	14	28		METER	PILING STLSHL 2STP
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, TAPERED	36803	14	28		LINFT	PILING STLSHL 2TP
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, TAPERED	36803M	14	28		METER	PILING STLSHL 2TP
	PILING, STEEL SHELL, ASTM A252, GRADE 3, CYLINDRICAL	36802	14	28		LINFT	PILING STLSHL 3CY
	PILING, STEEL SHELL, ASTM A252, GRADE 3, CYLINDRICAL	36802M	14	28		METER	PILING STLSHL 3CY
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, CYLINDRICAL, GALV.	36808	14	28		LINFT	PILING STLSHL 3CYGV
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, CYLINDRICAL, GALV.	36808M	14	28		METER	PILING STLSHL 3CYGV
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, STEP-TAPERED	36806	14	28		LINFT	PILING STLSHL 3STP
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, STEP-TAPERED	36806M	14	28		METER	PILING STLSHL 3STP
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, TAPERED	36804	14	28		LINFT	PILING STLSHL 3TP
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, TAPERED	36804M	14	28		METER	PILING STLSHL 3TP
D	PILING, STEEL SHELL, ASTM A500 GRADE B, ROUND	36810	14	28		LINFT	PILING STLSHL RND
D	PILING, STEEL SHELL, ASTM A500 GRADE B, ROUND	36810M	14	28		METER	PILING STLSHL RND
D	PILING, STEEL SHELL, ASTM A500 GRADE B, SQUARE	36809	13			LINFT	PILING STLSHL SQ

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PILING, STEEL SHELL, ASTM A500 GRADE B, SQUARE	36809M	13			METER	PILING STLSTL SQ
D	PILING, STEEL SOLDIER (BEAM), AASHTO M183	36751	22			LINFT	PILIN STL SOLDR M183
D	PILING, STEEL SOLDIER (BEAM), AASHTO M183, EPOXY	36752	22			LINFT	PILIN STLSOLDR183EPX
D	PILING, STEEL SOLDIER (BEAM), AASHTO M183M	36751M	22			METER	PILIN ST SOLDR M183M
D	PILING, STEEL SOLDIER (BEAM), AASHTO M183M, EPOXY	36752M	22			METER	PILIN STLSLDR183MEPX
D	PILING, STEEL SOLDIER (BEAM), AASHTO M222	36753	22			LINFT	PILIN STL SOLDR M222
D	PILING, STEEL SOLDIER (BEAM), AASHTO M222M	36753M	22			METER	PILIN STL SLDRM222M
	PILING, STEEL SOLDIER (BEAM), ASTM A572-50, PAINTED	36754	22			LINFT	PILIN STLSLDR A572PNT
	PILING, STEEL SOLDIER (BEAM), ASTM A572-50, PAINTED	36754M	22			METER	PILIN STLSLDR A572PNT
	PILING, STEEL SOLDIER (BEAM), GRADE 36	36755	22	24		LINFT	PIL STL SOLD 36
	PILING, STEEL SOLDIER (BEAM), GRADE 36	36755M	22	24		METER	PIL STL SOLD 36
	PILING, STEEL SOLDIER (BEAM), GRADE 50	36756	22	24		LINFT	PIL STL SOLD 50
	PILING, STEEL SOLDIER (BEAM), GRADE 50	36756M	22	24		METER	PIL STL SOLD 50
	PILING, TIMBER, TREATED	37002	19			LINFT	PILING TIM TR
	PILING, TIMBER, TREATED	37002M	19			METER	PILING TIM TR
D	PILING, TIMBER, UNTREATED	37001	19			LINFT	PILING TIM UNTR
D	PILING, TIMBER, UNTREATED	37001M	19			METER	PILING TIM UNTR
	PIN, BRIDGE BEARING	65504	14	12		PC	PIN BRIDGE BEARING
	PIN, BRIDGE BEARING	65504M	14	12		EA	PIN BRIDGE BEARING
	PIN, BRIDGE, STAINLESS STEEL, NITRONIC 60	65511	14	12		PC	PIN BRIDGE SSTL N60
	PIN, BRIDGE, STAINLESS STEEL, NITRONIC 60	65511M	14	12		EA	PIN BRIDGE SSTL N60
	PIPE ARCH, CIRC, HELI CORR, RECORR END ANNULAR, GALV.STEEL	45508	14			LINFT	PIPEARCH HCGSRECOR
	PIPE ARCH, CIRC, HELI CORR, RECORR END ANNULAR, GALV.STEEL	45508M	14			METER	PIPEARCH HCGSRECOR
D	PIPE ARCH, CIRCUM CORR, AL. ALLOY	52301	26	16		LINFT	PIPE ARCH CC ALA

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIPE ARCH, CIRCUM CORR, AL. ALLOY	52301M	26	16		METER	PIPE ARCH CC ALA
	PIPE ARCH, CIRCUM CORR, ALUM-COATED STEEL	45408	26	16		LINFT	PIPE ARCH CCST ALCT
	PIPE ARCH, CIRCUM CORR, ALUM-COATED STEEL	45408M	26	16		METER	PIPE ARCH CCST ALCT
D	PIPE ARCH, CIRCUM CORR, ALUM-COATED STEEL, BIT COATED	45409	26	16		LINFT	PIPE ARCH CC ALST BC
D	PIPE ARCH, CIRCUM CORR, ALUM-COATED STEEL, BIT COATED	45409M	26	16		METER	PIPE ARCH CC ALST BC
D	PIPE ARCH, CIRCUM CORR, BIT. COATED AL. ALLOY	52302	26	16		LINFT	PIPE ARCH BITCTCC AL
D	PIPE ARCH, CIRCUM CORR, BIT. COATED AL. ALLOY	52302M	26	16		METER	PIPE ARCH BITCTCC AL
D	PIPE ARCH, CIRCUM CORR, BIT. COATED GALV. STEEL	45402	26	16		LINFT	PIPE ARCH CCGS BITCT
D	PIPE ARCH, CIRCUM CORR, BIT. COATED GALV. STEEL	45402M	26	16		METER	PIPE ARCH CCGS BITCT
	PIPE ARCH, CIRCUM CORR, GALV. STEEL	45401	26	16		LINFT	PIPE ARCH CCGS
	PIPE ARCH, CIRCUM CORR, GALV. STEEL	45401M	26	16		METER	PIPE ARCH CCGS
	PIPE ARCH, CIRCUM CORR, PRECOATED GALV. STEEL	45403	26	16		LINFT	PIPE ARCH CCGS PRCT
	PIPE ARCH, CIRCUM CORR, PRECOATED GALV. STEEL	45403M	26	16		METER	PIPE ARCH CCGS PRCT
D	PIPE ARCH, HELI CORR, AL. ALLOY	52303	26	16		LINFT	PIPE ARCH HC ALA
D	PIPE ARCH, HELI CORR, AL. ALLOY	52303M	26	16		METER	PIPE ARCH HC ALA
	PIPE ARCH, HELI CORR, ALUM-COATED STEEL	45510	26	16		LINFT	PIPE ARCH HC ALCT
	PIPE ARCH, HELI CORR, ALUM-COATED STEEL	45510M	26	16		METER	PIPE ARCH HC ALCT
D	PIPE ARCH, HELI CORR, BIT. COATED AL. ALLOY	52304	26	16		LINFT	PIPE ARCH BITCTHC AL
D	PIPE ARCH, HELI CORR, BIT. COATED AL. ALLOY	52304M	26	16		METER	PIPE ARCH BITCTHC AL
D	PIPE ARCH, HELI CORR, BIT. COATED GALV. STEEL	45502	26	16		LINFT	PIPE ARCH HCGS BITCT
D	PIPE ARCH, HELI CORR, BIT. COATED GALV. STEEL	45502M	26	16		METER	PIPE ARCH HCGS BITCT
	PIPE ARCH, HELI CORR, GALV. STEEL	45501	26	16		LINFT	PIPE ARCH HCGS
	PIPE ARCH, HELI CORR, GALV. STEEL	45501M	26	16		METER	PIPE ARCH HCGS
D	PIPE ARCH, HELI CORR, PRECOATED GALV. STEEL	45503	26	16		LINFT	PIPE ARCH HCGS PRCT

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIPE ARCH, HELI CORR, PRECOATED GALV. STEEL	45503M	26	16		METER	PIPE ARCH HCGS PRCT
	PIPE ARCH, HELI CORR, RECORR END ANNUAL, ALUM-COATED STEEL	45511	26	16		LINFT	PIPE ARHC,RECOR ALCT
	PIPE ARCH, HELI CORR, RECORR END ANNUAL, ALUM-COATED STEEL	45511M	26	16		METER	PIPE ARHC,RECOR ALCT
	PIPE ARCH, HELICORR, RECORR END ANNUL, PRECOATED GALV. STEEL	45512	26	16		LINFT	PIPEARCH HCGSPCRECOR
	PIPE ARCH, HELICORR, RECORR END ANNUL, PRECOATED GALV. STEEL	45512M	26	16		METER	PIPEARCH HCGSPCRECOR
D	PIPE ARCH, PLATE, BIT. COATED GALV. STEEL	46106	22	16		LINFT	PIPE ARCH PT BITCTST
D	PIPE ARCH, PLATE, BIT. COATED GALV. STEEL	46106M	22	16		METER	PIPE ARCH PT BITCTST
D	PIPE ARCH, PLATE, CORR, ALUM	52601	26			LINFT	PIPE ARCHPT CORR AL
D	PIPE ARCH, PLATE, CORR, ALUM	52601M	26			METER	PIPE ARCHPT CORR AL
	PIPE ARCH, PLATE, CORR, GALV. STEEL	46103	22	16		LINFT	PIPE ARCHPT GVCORRST
	PIPE ARCH, PLATE, CORR, GALV. STEEL	46103M	22	16		METER	PIPE ARCHPT GVCORRST
D	PIPE ARCH,CIRC,HELICORR,RECORR END ANNUL,BIT.COAT,GALV.STEEL	45509	14			LINFT	PIPEARCH HCGSBCRECOR
D	PIPE ARCH,CIRC,HELICORR,RECORR END ANNUL,BIT.COAT,GALV.STEEL	45509M	14			METER	PIPEARCH HCGSBCRECOR
	PIPE CASING	68005	14	16		LINFT	PIPE CASING
	PIPE CASING	68005M	14	16		METER	PIPE CASING
D	PIPE FITTINGS, ACRYLONITRILE-BUTADIENE-STYRENE (ABS)	49102	14			LINFT	PIPE FITTINGS ABS
D	PIPE FITTINGS, ACRYLONITRILE-BUTADIENE-STYRENE (ABS)	49102M	14			METER	PIPE FITTINGS ABS
	PIPE LINER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49619	14	93		LINFT	PIPE LNR CRPVC F949
	PIPE LINER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49619M	14	93		METER	PIPE LNR CRPVC F949
D	PIPE, AL, ASTM B211, ALLOY 6061-T61 FOR OVERHEAD STRUCTURE	61102	14X24	12		LINFT	PIPE AL B2216061T61
D	PIPE, AL, ASTM B211M,ALLOY 6061-T61 FOR OVERHEAD STRUCTURE	61102M	14X24	12		METER	PIPE AL B221M6061T61
D	PIPE, ASBESTOS-CEMENT, PERFORATED	53206	14			LINFT	PIPE ACEM PF
D	PIPE, ASBESTOS-CEMENT, WATERMAIN	53207	14			LINFT	PIPE ACEM WM
D	PIPE, BITUMINOUS FIBRE	53101	14			LINFT	PIPE BIT FIBRE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIPE, BITUMINOUS FIBRE, PERFORATED	53102	14			LINFT	PIPE BIT FIBRE PF
D	PIPE, CIRC. CIRCUM, ALUM-COATED STEEL, BIT. COATED	45216	33	16		LINFT	PIPE CIRC CC ALSTBC
D	PIPE, CIRC. CIRCUM, ALUM-COATED STEEL, BIT. COATED	45216M	33	16		METER	PIPE CIRC CC ALSTBC
	PIPE, CIRC, CIRCUM CORR. AL. ALLOY	52201	14	16		LINFT	PIPE CIRC CC ALA
	PIPE, CIRC, CIRCUM CORR. AL. ALLOY	52201M	14	16		METER	PIPE CIRC CC ALA
D	PIPE, CIRC, CIRCUM CORR, BIT. COATED AL. ALLOY	52202	14	16		LINFT	PIPE CIRC BITCTCC AL
D	PIPE, CIRC, CIRCUM CORR, BIT. COATED AL. ALLOY	52202M	14	16		METER	PIPE CIRC BITCTCC AL
D	PIPE, CIRC, CIRCUM CORR, BIT. COATED GALV. STEEL	45202	33	16		LINFT	PIPE CIRC CCGS BITCT
D	PIPE, CIRC, CIRCUM CORR, BIT. COATED GALV. STEEL	45202M	33	16		METER	PIPE CIRC CCGS BITCT
	PIPE, CIRC, CIRCUM CORR, GALV. STEEL	45201	33	16		LINFT	PIPE CIRC CCGS
	PIPE, CIRC, CIRCUM CORR, GALV. STEEL	45201M	33	16		METER	PIPE CIRC CCGS
	PIPE, CIRC, CIRCUM CORR, PRECOATED GALV. STEEL	45203	33	16		LINFT	PIPE CIRC CCGS PRCT
	PIPE, CIRC, CIRCUM CORR, PRECOATED GALV. STEEL	45203M	33	16		METER	PIPE CIRC CCGS PRCT
	PIPE, CIRC, CIRCUM, ALUM-COATED STEEL	45215	33	16		LINFT	PIPE CIRC CC ALST
	PIPE, CIRC, CIRCUM, ALUM-COATED STEEL	45215M	33	16		METER	PIPE CIRC CC ALST
	PIPE, CIRC, HELI CORR, AL. ALLOY	52203	14	16		LINFT	PIPE CIRC HC ALA
	PIPE, CIRC, HELI CORR, AL. ALLOY	52203M	14	16		METER	PIPE CIRC HC ALA
	PIPE, CIRC, HELI CORR, ALUM-COATED STEEL	45315	33	16		LINFT	PIPE CIRC HC ALST
	PIPE, CIRC, HELI CORR, ALUM-COATED STEEL	45315M	33	16		METER	PIPE CIRC HC ALST
D	PIPE, CIRC, HELI CORR, BIT. COATED AL. ALLOY	52204	14	16		LINFT	PIPE CIRC BITCTHC AL
D	PIPE, CIRC, HELI CORR, BIT. COATED AL. ALLOY	52204M	14	16		METER	PIPE CIRC BITCTHC AL
	PIPE, CIRC, HELI CORR, BIT. COATED GALV. STEEL	45302	33	16		LINFT	PIPE CIRC HCGS BITCT
	PIPE, CIRC, HELI CORR, BIT. COATED GALV. STEEL	45302M	33	16		METER	PIPE CIRC HCGS BITCT
	PIPE, CIRC, HELI CORR, GALV. STEEL	45301	33	16		LINFT	PIPE CIRC HCGS

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, CIRC, HELI CORR, GALV. STEEL	45301M	33	16		METER	PIPE CIRC HCGS
	PIPE, CIRC, HELI CORR, PRECOATED GALV. STEEL	45303	33	16		LINFT	PIPE CIRC HCGS PRCT
	PIPE, CIRC, HELI CORR, PRECOATED GALV. STEEL	45303M	33	16		METER	PIPE CIRC HCGS PRCT
	PIPE, CIRC, HELI CORR, RECORR END ANNUL, ALUM-COATED STEEL	45310	14			LINFT	PIPE HC RECOR ALSTL
	PIPE, CIRC, HELI CORR, RECORR END ANNUL, ALUM-COATED STEEL	45310M	14			METER	PIPE HC RECOR ALSTL
D	PIPE, CIRC, HELI CORR, RECORR END ANNUL, BITCOATED GALVSTEEL	45309	14			LINFT	PIPE HCGS BITCTRECOR
D	PIPE, CIRC, HELI CORR, RECORR END ANNUL, BITCOATED GALVSTEEL	45309M	14			METER	PIPE HCGS BITCTRECOR
	PIPE, CIRC, HELI CORR, RECORR END ANNUL, PRECOATED GALVSTEEL	45317	14			LINFT	PIPE HCGS PRCTRECOR
	PIPE, CIRC, HELI CORR, RECORR END ANNUL, PRECOATED GALVSTEEL	45317M	14			METER	PIPE HCGS PRCTRECOR
	PIPE, CIRC, HELI CORR, RECORR END ANNULAR, GALV. STEEL	45308	14			LINFT	PIPE HCGS RECOR
	PIPE, CIRC, HELI CORR, RECORR END ANNULAR, GALV. STEEL	45308M	14			METER	PIPE HCGS RECOR
	PIPE, CLASS I, CONCRETE	47601	14	19		LINFT	PIPE CLI CONCRETE
	PIPE, CLASS I, CONCRETE	47601M	14	19		METER	PIPE CLI CONCRETE
D	PIPE, CLASS II, ASBESTOS-CEMENT	53201	14			LINFT	PIPE CLII ACEM
	PIPE, CLASS II, CONCRETE	47602	14	19		LINFT	PIPE CLII CONCRETE
	PIPE, CLASS II, CONCRETE	47602M	14	19		METER	PIPE CLII CONCRETE
D	PIPE, CLASS III, ASBESTOS-CEMENT	53202	14			LINFT	PIPE CLIII ACEM
	PIPE, CLASS III, CONCRETE	47603	14	19		LINFT	PIPE CLIII CONCRETE
	PIPE, CLASS III, CONCRETE	47603M	14	19		METER	PIPE CLIII CONCRETE
D	PIPE, CLASS IV, ASBESTOS-CEMENT	53204	14			LINFT	PIPE CLIV ACEM
D	PIPE, CLASS V, ASBESTOS-CEMENT	53205	14			LINFT	PIPE CLV ACEM
D	PIPE, CLASS 2500, ASBESTOS-CEMENT	53203	14			LINFT	PIPE CL2500 ACEM
	PIPE, CONCRETE PRESTRESSED CYLINDER, EMBEDDED, ANSI/AWWA C301	47752	14	19		LINFT	PIPE PREST CYL EMBED
	PIPE, CONCRETE PRESTRESSED CYLINDER, EMBEDDED, ANSI/AWWA C301	47752M	14	19		METER	PIPE PREST CYL EMBED

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, CONCRETE PRESTRESSED CYLINDER, LINED, ANSI/AWWA C301	47751	14	19		LINFT	PIPE PREST CYL LINED
	PIPE, CONCRETE PRESTRESSED CYLINDER, LINED, ANSI/AWWA C301	47751M	14	19		METER	PIPE PREST CYL LINED
	PIPE, COPPER WATER	77901	14	19		LINFT	PIPE COPPER WATER
	PIPE, COPPER WATER	77901M	14	19		METER	PIPE COPPER WATER
D	PIPE, CULVERT, (PVC) PROFILE WALL, (AASHTO M304)	49230	14			LINFT	PIPE CULV PVC M304
D	PIPE, CULVERT, (PVC) PROFILE WALL, (AASHTO M304)	49230M	14			METER	PIPE CULV PVC M304
	PIPE, CULVERT, CORRUGATED POLYETHYLENE	49305	14			LINFT	PIPE CULVERT CORR PE
	PIPE, CULVERT, CORRUGATED POLYETHYLENE	49305M	14			METER	PIPE CULVERT CORR PE
	PIPE, CULVERT, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49306	14			LINFT	PIPE CULV CORP SMINT
	PIPE, CULVERT, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49306M	14			METER	PIPE CULV CORP SMINT
	PIPE, CULVERT, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49225	14	93		LINFT	PIPE CULV CORR PVC
	PIPE, CULVERT, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49225M	14	93		METER	PIPE CULV CORR PVC
	PIPE, CULVERT, POLY-VINYL CHLORIDE	49100	14	91	94	LINFT	PIPE CULVERT PVC
	PIPE, CULVERT, POLY-VINYL CHLORIDE	49100M	14	91	94	METER	PIPE CULVERT PVC
D	PIPE, CULVERT, POLYETHYLENE, PROFILE WALL (ASTM F894)	49310	14			LINFT	PIPE CULV PE F894
D	PIPE, CULVERT, POLYETHYLENE, PROFILE WALL (ASTM F894)	49310M	14			METER	PIPE CULV PE F894
	PIPE, CULVERT, POLYETHYLENE, SMOOTH INTERIOR (ASTM F714)	49309	14	91	94	LINFT	PIPE CULV PE F714
	PIPE, CULVERT, POLYETHYLENE, SMOOTH INTERIOR (ASTM F714)	49309M	14	91	94	METER	PIPE CULV PE F714
	PIPE, CULVERT, PVC, PROFILE WALL (ASTM F794)	49217	14	93		LINFT	PIPE CULV PVC F794
	PIPE, CULVERT, PVC, PROFILE WALL (ASTM F794)	49217M	14	93		METER	PIPE CULV PVC F794
	PIPE, DRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49307	14			LINFT	PIPE DRN CORPE SMINT
	PIPE, DRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49307M	14			METER	PIPE DRN CORPE SMINT
	PIPE, DRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49221	14	93		LINFT	PIPE DRAIN CORR PVC
	PIPE, DRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49221M	14	93		METER	PIPE DRAIN CORR PVC

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, DRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SMOOTH INT	49311	14			LINFT	PIPE DRN PRF CRPESI
	PIPE, DRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SMOOTH INT	49311M	14			METER	PIPE DRN PRF CRPESI
	PIPE, DRAIN, POLY-VINYL CHLORIDE	49200	14	91	94	LINFT	PIPE DRAIN PVC
	PIPE, DRAIN, POLY-VINYL CHLORIDE	49200M	14	91	94	METER	PIPE DRAIN PVC
D	PIPE, DRAIN, PVC SOLID WALL RIB (PROFILE)	49215				LINFT	PIPE DRN PVC SW RIB
	PIPE, DUCTILE IRON, BIT. LINED, BELL & SPIGOT	51103	14	19	31	LINFT	PIPE DU IR BITL BESP
	PIPE, DUCTILE IRON, BIT. LINED, BELL & SPIGOT	51103M	14	19	31	METER	PIPE DU IR BITL BESP
	PIPE, DUCTILE IRON, BIT. LINED, MECH. JOINT	51104	14	19	31	LINFT	PIPE DU IR BITL MCHJ
	PIPE, DUCTILE IRON, BIT. LINED, MECH. JOINT	51104M	14	19	31	METER	PIPE DU IR BITL MCHJ
	PIPE, DUCTILE IRON, CEMENT LINED, BELL & SPIGOT	51105	14	19	31	LINFT	PIPE DU IR CL BESP
	PIPE, DUCTILE IRON, CEMENT LINED, BELL & SPIGOT	51105M	14	19	31	METER	PIPE DU IR CL BESP
	PIPE, DUCTILE IRON, CEMENT LINED, MECH. JOINT	51106	14	19	31	LINFT	PIPE DU IR CL MCHJ
	PIPE, DUCTILE IRON, CEMENT LINED, MECH. JOINT	51106M	14	19	31	METER	PIPE DU IR CL MCHJ
D	PIPE, DUCTILE IRON, CERAMIC EPOXY LINED, BELL & SPIGOT	51108	14	19	31	LINFT	PIPE DU IR EPXL BESP
D	PIPE, DUCTILE IRON, CERAMIC EPOXY LINED, BELL & SPIGOT	51108M	14	19	31	METER	PIPE DU IR EPXL BESP
D	PIPE, DUCTILE IRON, POLYETHYLENE LINED, BELL & SPIGOT	51107	14	19	31	LINFT	PIPE DU IR PLET BESP
D	PIPE, DUCTILE IRON, POLYETHYLENE LINED, BELL & SPIGOT	51107M	14	19	31	METER	PIPE DU IR PLET BESP
	PIPE, DUCTILE IRON, UNLINED, BELL & SPIGOT	51101	14	19	31	LINFT	PIPE DU IR UNL BESP
	PIPE, DUCTILE IRON, UNLINED, BELL & SPIGOT	51101M	14	19	31	METER	PIPE DU IR UNL BESP
	PIPE, DUCTILE IRON, UNLINED, MECH. JOINT	51102	14	19	31	LINFT	PIPE DU IR UNL MCHJ
	PIPE, DUCTILE IRON, UNLINED, MECH. JOINT	51102M	14	19	31	METER	PIPE DU IR UNL MCHJ
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-A	47901	26	19		LINFT	PIPE HE-A RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-A	47901M	26	19		METER	PIPE HE-A RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-I	47902	26	19		LINFT	PIPE HE-I RECONC

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-I	47902M	26	19		METER	PIPE HE-I RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-II	47903	26	19		LINFT	PIPE HE-II RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-II	47903M	26	19		METER	PIPE HE-II RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-III	47904	26	19		LINFT	PIPE HE-III RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-III	47904M	26	19		METER	PIPE HE-III RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-IV	47905	26	19		LINFT	PIPE HE-IV RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-IV	47905M	26	19		METER	PIPE HE-IV RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-V SPECIAL	47911	26	19		LINFT	PIPE HE-V RECONC SPC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-V SPECIAL	47911M	26	19		METER	PIPE HE-V RECONC SPC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-II	47906	26	19		LINFT	PIPE VE-II RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-II	47906M	26	19		METER	PIPE VE-II RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-III	47907	26	19		LINFT	PIPE VE-III RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-III	47907M	26	19		METER	PIPE VE-III RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-IV	47908	26	19		LINFT	PIPE VE-IV RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-IV	47908M	26	19		METER	PIPE VE-IV RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-V	47909	26	19		LINFT	PIPE VE-V RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-V	47909M	26	19		METER	PIPE VE-V RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-VI	47910	26	19		LINFT	PIPE VE-VI RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-VI	47910M	26	19		METER	PIPE VE-VI RECONC
D	PIPE, GAS, CAST IRON	68011	14	12		LINFT	PIPE GAS CAST IRON
D	PIPE, GAS, STEEL	68010	14			LINFT	PIPE GAS STEEL
D	PIPE, GAS, STEEL	68010M	14			METER	PIPE GAS STEEL
D	PIPE, GRAY IRON, BIT. LINED, BELL & SPIGOT	51204	14	19		LINFT	PIPE GY IR BITL BESP
D	PIPE, GRAY IRON, BIT. LINED, BELL & SPIGOT	51204M	14	19		METER	PIPE GY IR BITL BESP

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIPE, GRAY IRON, BIT. LINED, MECH. JOINT	51203	14	19	31	LINFT	PIPE GY IR BITL MCHJ
D	PIPE, GRAY IRON, BIT. LINED, MECH. JOINT	51203M	14	19	31	METER	PIPE GY IR BITL MCHJ
D	PIPE, GRAY IRON, CEMENT LINED, BELL & SPIGOT	51205	14	19	31	LINFT	PIPE GY IR CL BESP
D	PIPE, GRAY IRON, CEMENT LINED, BELL & SPIGOT	51205M	14	19	31	METER	PIPE GY IR CL BESP
D	PIPE, GRAY IRON, CEMENT LINED, MECH. JOINT	51206	14	19	31	LINFT	PIPE GY IR CEML MCHJ
D	PIPE, GRAY IRON, CEMENT LINED, MECH. JOINT	51206M	14	19	31	METER	PIPE GY IR CEML MCHJ
D	PIPE, GRAY IRON, UNLINED, BELL & SPIGOT	51201	14	19	31	LINFT	PIPE GY IR UNL BESP
D	PIPE, GRAY IRON, UNLINED, BELL & SPIGOT	51201M	14	19	31	METER	PIPE GY IR UNL BESP
D	PIPE, GRAY IRON, UNLINED, MECH. JOINT	51202	14	19	31	LINFT	PIPE GY IR UNL MCHJ
D	PIPE, GRAY IRON, UNLINED, MECH. JOINT	51202M	14	19	31	METER	PIPE GY IR UNL MCHJ
	PIPE, HIGH PRESSURE POLYETHYLENE, (AWWA C906)	49244	14	92		LINFT	PIPE HPPE C906
	PIPE, HIGH PRESSURE POLYETHYLENE, (AWWA C906)	49244M	14	92		METER	PIPE HPPE C906
	PIPE, LINER POLYETHYLENE (ASTM-F-714)	49612	14	91	94	LINFT	PIPE LINER PE
	PIPE, LINER POLYETHYLENE (ASTM-F-714)	49612M	14	91	94	METER	PIPE LINER PE
D	PIPE, LINER PROFILE POLYETHYLENE (ASTM F667)	49617	14			LINFT	PIPE LNR PRFPE F667
D	PIPE, LINER PROFILE POLYETHYLENE (ASTM F667)	49617M	14			METER	PIPE LNR PRFPE F667
	PIPE, LINER PROFILE POLYETHYLENE (ASTM F894)	49615	14			LINFT	PIPE LNR PRFPE F894
	PIPE, LINER PROFILE POLYETHYLENE (ASTM F894)	49615M	14			METER	PIPE LNR PRFPE F894
	PIPE, LINER, CURED IN PLACE (ASTM F1216)	49616	14			LINFT	PIPE LNR CIPP F1216
	PIPE, LINER, CURED IN PLACE (ASTM F1216)	49616M	14			METER	PIPE LNR CIPP F1216
D	PIPE, PLATE, BIT. COATED GALV. STEEL	46105	14	16		LINFT	PIPE PLATE BITCTST
D	PIPE, PLATE, BIT. COATED GALV. STEEL	46105M	14	16		METER	PIPE PLATE BITCTST
D	PIPE, PLATE, CORR, GALV. STEEL	46102	14	16		LINFT	PIPE PLATE GVCORRST
D	PIPE, PLATE, CORR, GALV. STEEL	46102M	14	16		METER	PIPE PLATE GVCORRST

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIPE, PLATE, COUPON, GALV. STEEL	46101				N/A	PIPE PLATE CPN GCST
D	PIPE, POLYPROPYLENE (ASTM F2736)	49805	14			LINFT	PIPE POLYPROP F2736
D	PIPE, POLYPROPYLENE (ASTM F2736)	49805M	14			METER	PIPE POLYPROP F2736
D	PIPE, PRESSURE POLYETHYLENE (ASTM D2513)	49614	14			LINFT	PIPE PRESR PE D2513
D	PIPE, PRESSURE POLYETHYLENE (ASTM D2513)	49614M	14			METER	PIPE PRESR PE D2513
D	PIPE, RED BRASS	77902	14	19		LINFT	PIPE RED BRASS
D	PIPE, RED BRASS	77902M	14	19		METER	PIPE RED BRASS
	PIPE, REINFORCED PLASTIC MORTAR (RPM)	49611	14			LINFT	PIPE REIN PLST MORT
	PIPE, REINFORCED PLASTIC MORTAR (RPM)	49611M	14			METER	PIPE REIN PLST MORT
	PIPE, REINFORCED, CONCRETE CLASS I	47701	14	19	27	LINFT	PIPE CLI RECONC
	PIPE, REINFORCED, CONCRETE CLASS I	47701M	14	19	27	METER	PIPE CLI RECONC
	PIPE, REINFORCED, CONCRETE CLASS II	47702	14	19	27	LINFT	PIPE CLII RECONC
	PIPE, REINFORCED, CONCRETE CLASS II	47702M	14	19	27	METER	PIPE CLII RECONC
	PIPE, REINFORCED, CONCRETE CLASS III	47703	14	19	27	LINFT	PIPE CLIII RECONC
	PIPE, REINFORCED, CONCRETE CLASS III	47703M	14	19	27	METER	PIPE CLIII RECONC
	PIPE, REINFORCED, CONCRETE CLASS IV	47704	14	19	27	LINFT	PIPE CLIV RCONC
	PIPE, REINFORCED, CONCRETE CLASS IV	47704M	14	19	27	METER	PIPE CLIV RCONC
	PIPE, REINFORCED, CONCRETE CLASS V	47705	14	19	27	LINFT	PIPE CLV RCONC
	PIPE, REINFORCED, CONCRETE CLASS V	47705M	14	19	27	METER	PIPE CLV RCONC
	PIPE, REINFORCED, CONCRETE CLASS V SPECIAL	47706	14	19	27	LINFT	PIPE CLV RCONC SPC
	PIPE, REINFORCED, CONCRETE CLASS V SPECIAL	47706M	14	19	27	METER	PIPE CLV RCONC SPC
	PIPE, SANITARY SEWER, CORRUGATED POLYPROPYLENE, SMOOTH INT	49806	14			LINFT	PIPE SAN CORR PP SM
	PIPE, SANITARY SEWER, CORRUGATED POLYPROPYLENE, SMOOTH INT	49806M	14			METER	PIPE SAN CORR PP SM
	PIPE, SANITARY SEWER, POLV-VINYL CHLORIDE	49211	14	91	94	LINFT	PIPE SANITARY SW PVC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, SANITARY SEWER, POLV-VINYL CHLORIDE	49211M	14	91	94	METER	PIPE SANITARY SW PVC
	PIPE, SANITARY SEWER, PVC (AWWA C900)	49242	14	91	94	LINFT	PIPE SANISWR PVC C900
	PIPE, SANITARY SEWER, PVC (AWWA C900)	49242M	14	91	94	METER	PIPE SANISWR PVC C900
	PIPE, SEWER EXTRA STRENGTH CLAY	50202	14			LINFT	PIPE SWR EXSTD CLY
D	PIPE, SEWER EXTRA STRENGTH CLAY	50202M	14			METER	PIPE SWR EXSTD CLY
D	PIPE, SEWER EXTRA STRENGTH PERFORATED CLAY	50203	14			LINFT	PIPE SWR EXSTDPF CLY
D	PIPE, SEWER EXTRA STRENGTH PERFORATED CLAY	50203M	14			METER	PIPE SWR EXSTDPF CLY
D	PIPE, SEWER STANDARD STRENGTH CLAY	50201	14			LINFT	PIPE SWR STDSG CLY
D	PIPE, SEWER STANDARD STRENGTH CLAY	50201M	14			METER	PIPE SWR STDSG CLY
D	PIPE, SEWER STANDARD STRENGTH PERFORATED CLAY	50204	14			LINFT	PIPE SWR STDSG CLY
D	PIPE, SEWER STANDARD STRENGTH PERFORATED CLAY	50204M	14			METER	PIPE SWR STDSG CLY
D	PIPE, STEEL, ASTM A53, GRADE B FOR OVERHEAD STRUCTURE	61101	14X24	12		LINFT	PIPE ST A53 GRB
D	PIPE, STEEL, ASTM A53, GRADE B FOR OVERHEAD STRUCTURE	61101M	14X24	12		METER	PIPE ST A53 GRB
	PIPE, STEEL, BLACK.	68012	14			LINFT	PIPE STEEL BLACK
	PIPE, STEEL, BLACK.	68012M	14			METER	PIPE STEEL BLACK
	PIPE, STEEL, GALVANIZED	68015	14			LINFT	PIPE STEEL GALV
	PIPE, STEEL, GALVANIZED	68015M	14			METER	PIPE STEEL GALV
	PIPE, STORM SEWER (TRUSS) POLY-VINYL CHLORIDE ASTM D 2680	49214	14			LINFT	PIPE STORM SWRTU PVC
	PIPE, STORM SEWER (TRUSS) POLY-VINYL CHLORIDE ASTM D 2680	49214M	14			METER	PIPE STORM SWRTU PVC
D	PIPE, STORM SEWER POLY VINYL CHLORIDE	49212	14			LINFT	PIPE STORM SWR PVC C
D	PIPE, STORM SEWER (SOLIDWALL) ACRYLONITRILE-BUTADIENE-STY (ABS)	49103	14			LINFT	PIPE STORM SWRSO ABS
D	PIPE, STORM SEWER (SOLIDWALL) ACRYLONITRILE-BUTADIENE-STY (ABS)	49103M	14			METER	PIPE STORM SWRSO ABS
D	PIPE, STORM SEWER (TRUSS) ACRYLONITRILE-BUTADIENE-STYRENE (ABS)	49101	14			LINFT	PIPE STORM SWRTU ABS
D	PIPE, STORM SEWER (TRUSS) ACRYLONITRILE-BUTADIENE-STYRENE (ABS)	49101M	14			METER	PIPE STORM SWRTU ABS

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, STORM SEWER, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49304	14			LINFT	PIPE ST SWR CORPE SM
	PIPE, STORM SEWER, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49304M	14			METER	PIPE ST SWR CORPE SM
	PIPE, STORM SEWER, CORRUGATED POLYPROPYLENE	49807	14			LINFT	PIPE ST SWR COR PP
	PIPE, STORM SEWER, CORRUGATED POLYPROPYLENE, SMOOTH INTERIOR	49808	14			LINFT	PIPE ST SWR CR PP SM
	PIPE, STORM SEWER, POLY-VINYL CHLORIDE	49201	14	91	94	LINFT	PIPE STORM SWR PVC
	PIPE, STORM SEWER, POLY-VINYL CHLORIDE	49201M	14	91	94	METER	PIPE STORM SWR PVC
	PIPE, STORM SEWER, PVC (AWWA C900)	49241	14	91	94	LINFT	PIPE STMSWR PVC C900
	PIPE, STORM SEWER, PVC (AWWA C900)	49241M	14	91	94	METER	PIPE STMSWR PVC C900
D	PIPE, STORM SEWER, PVC, PROFILE WALL (ASTM F794)	49216	13X11	19	93	LINFT	PIPE STMSWR PVC F794
D	PIPE, STORM SEWER, PVC, PROFILE WALL (ASTM F794)	49216M	13X11	19		METER	PIPE STMSWR PVC F794
	PIPE, STORM SEWER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49223	14	93		LINFT	PIPE STMSWR CORR PVC
	PIPE, STORM SEWER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49223M	14	93		METER	PIPE STMSWR CORR PVC
D	PIPE, THERMOSETTING RESIN, CENTRIFUGALLY CAST-D2997	49613	14			LINFT	PIPE THRRES CENT2997
D	PIPE, THERMOSETTING RESIN, CENTRIFUGALLY CAST-D2997	49613M	14			METER	PIPE THRRES CENT2997
	PIPE, THERMOSETTING RESIN, FILAMENT WOUND-D2996	49610	14			LINFT	PIPE THRRES FIL 2996
	PIPE, THERMOSETTING RESIN, FILAMENT WOUND-D2996	49610M	14			METER	PIPE THRRES FIL 2996
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, AL. ALLOY	52403	14	16		LINFT	PIPEUDR PFCC ALA
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, AL. ALLOY	52403M	14	16		METER	PIPEUDR PFCC ALA
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, BIT. COATED AL. ALLOY	52404	14	16		LINFT	PIPEUDR CCPFBITCT AL
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, BIT. COATED AL. ALLOY	52404M	14	16		METER	PIPEUDR CCPFBITCT AL
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, BIT. COATED STEEL	45702	14	16		LINFT	PIPEUDR PF CCGSBITCT
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, BIT. COATED STEEL	45702M	14	16		METER	PIPEUDR PF CCGSBITCT
	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, GALV. STEEL	45701	14	16		LINFT	PIPEUDR PFCCGS
	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, GALV. STEEL	45701M	14	16		METER	PIPEUDR PFCCGS

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, PRECOATED STEEL	45703	14	16		LINFT	PIPEUDR PF CCGSPRCT
	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, PRECOATED STEEL	45703M	14	16		METER	PIPEUDR PF CCGSPRCT
	PIPE, UNDERDRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49308	14			LINFT	PIPE UDRN CORPE SMIT
D	PIPE, UNDERDRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49308M	14			METER	PIPE UDRN CORPE SMIT
	PIPE, UNDERDRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49222	14	93		LINFT	PIPE UNDRN CORR PVC
	PIPE, UNDERDRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49222M	14	93		METER	PIPE UNDRN CORR PVC
D	PIPE, UNDERDRAIN, HELI CORR, PERF, AL. ALLOY	52401	14	16		LINFT	PIPEUDR PFHC ALA
D	PIPE, UNDERDRAIN, HELI CORR, PERF, AL. ALLOY	52401M	14	16		METER	PIPEUDR PFHC ALA
D	PIPE, UNDERDRAIN, HELI CORR, PERF, BIT. COATED AL. ALLOY	52402	14	16		LINFT	PIPEUDR PFBITCT HCAL
D	PIPE, UNDERDRAIN, HELI CORR, PERF, BIT. COATED AL. ALLOY	52402M	14	16		METER	PIPEUDR PFBITCT HCAL
D	PIPE, UNDERDRAIN, HELI CORR, PERF, BIT. COATED STEEL	45602	14	16		LINFT	PIPEUDR PFHC GS BITCT
D	PIPE, UNDERDRAIN, HELI CORR, PERF, BIT. COATED STEEL	45602M	14	16		METER	PIPEUDR PFHC GS BITCT
	PIPE, UNDERDRAIN, HELI CORR, PERF, GALV. STEEL	45601	14	16		LINFT	PIPE UDR PFHCST
	PIPE, UNDERDRAIN, HELI CORR, PERF, GALV. STEEL	45601M	14	16		METER	PIPE UDR PFHCST
D	PIPE, UNDERDRAIN, HELI CORR, PERF, PRECOATED STEEL	45603	14	16		LINFT	PIPEUDR PFHC GS PRCT
D	PIPE, UNDERDRAIN, HELI CORR, PERF, PRECOATED STEEL	45603M	14	16		METER	PIPEUDR PFHC GS PRCT
	PIPE, UNDERDRAIN, POLY-VINYL CHLORIDE	49203	14	91	94	LINFT	PIPE UNDERDRAIN PVC
	PIPE, UNDERDRAIN, POLY-VINYL CHLORIDE	49203M	14	91	94	METER	PIPE UNDERDRAIN PVC
D	PIPE, UNDERDRAIN, PVC SOLID WALL RIB (PROFILE)	49213				LINFT	PIPE UND PVC SW RIB
D	PIPE, UNDERDRAIN, SEMICIRCULAR, AL. ALLOY	52405		16		LINFT	PIPEUDR SEMI ALA
D	PIPE, UNDERDRAIN, SEMICIRCULAR, AL. ALLOY	52405M		16		METER	PIPEUDR SEMI ALA
D	PIPE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED AL. ALLOY	52406		16		LINFT	PIPEUDR SEMIBITCT AL
D	PIPE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED AL. ALLOY	52406M		16		METER	PIPEUDR SEMIBITCT AL
D	PIPE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED STEEL	45802		16		LINFT	PIPEUDR BITCT SEMIST

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIPE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED STEEL	45802M		16		METER	PIPEUDR BITCT SEMIST
D	PIPE, UNDERDRAIN, SEMICIRCULAR, POLY VINYL CHLORIDE	49210				LINFT	PIPEUDR SEMI PVC
D	PIPE, UNDERDRAIN, SEMICIRCULAR, POLY VINYL CHLORIDE	49210M				METER	PIPEUDR SEMI PVC
D	PIPE, UNDERDRAIN, SEMICIRCULAR, PRECOATED STEEL	45803		16		LINFT	PIPEUDR PRCT SEMI ST
D	PIPE, UNDERDRAIN, SEMICIRCULAR, PRECOATED STEEL	45803M		16		METER	PIPEUDR PRCT SEMI ST
D	PIPE, UNDERDRAIN, SEMICIRCULAR, STEEL	45801		16		LINFT	PIPEUDR SEMI STEEL
D	PIPE, UNDERDRAIN, SEMICIRCULAR, STEEL	45801M		16		METER	PIPEUDR SEMI STEEL
	PIPE, WATER MAIN, POLY-VINYL CHLORIDE	49202	14	91	94	LINFT	PIPE WATERMAIN PVC
	PIPE, WATER MAIN, POLY-VINYL CHLORIDE	49202M	14	91	94	METER	PIPE WATERMAIN PVC
	PIPE, WATER MAIN, PVC (AWWA C900)	49243	14	91	94	LINFT	PIPE WTRMAINPVC C900
	PIPE, WATER MAIN, PVC (AWWA C900)	49243M	14	91	94	METER	PIPE WTRMAINPVC C900
	PIPE, WATER, PLASTIC	49601	14	91	94	LINFT	PIPE WATER PLASTIC
	PIPE, WATER, PLASTIC	49601M	14	91	94	METER	PIPE WATER PLASTIC
D	PIPE, SANITARY SEWER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49224	14			LINFT	PIPE SANSWR CORR PVC
D	PIPE, SANITARY SEWER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49224M	14			METER	PIPE SANSWR CORR PVC
	PIPE, UNDERDRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SM INT	49312	14			LINFT	PIPE UDRN PRF CRPESI
	PIPE, UNDERDRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SM INT	49312M	14			METER	PIPE UDRN PRF CRPESI
D	PLANK, GUARD RAIL, CREOSOTE TREATED WOOD	55502				LINFT	PLANK WGR CREO
D	PLANK, GUARD RAIL, CREOSOTE TREATED WOOD	55502M				METER	PLANK WGR CREO
	PLANK, GUARD RAIL, TREATED WOOD	55501				LINFT	PLANK WGR TR
	PLANK, GUARD RAIL, TREATED WOOD	55501M				METER	PLANK WGR TR
	PLANK, PRECAST CONCRETE	25501	11	19	13	SQFT	PLANK PRECAST CONC
	PLANK, PRECAST CONCRETE	25501M	11	19	13	SQ M	PLANK PRECAST CONC
D	PLANKING, PRECAST PRESTRESSED CONCRETE	27801	11	19	13	SQFT	PLANKING PPCONC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PLANKING, PRECAST PRESTRESSED CONCRETE	27801M	11	19	13	SQ M	PLANKING PPCONC
	PLANTER, PRECAST CONCRETE	25903				EA	PLANTER PCST CONC
	PLANTER, PRECAST CONCRETE	25903M				EA	PLANTER PCST CONC
D	PLASTIC CEMENT FOR AREA MEMBRANE	38101				GAL	PL CEMT AREA MEM
D	PLASTIC CEMENT FOR AREA MEMBRANE	38101M				LITER	PL CEMT AREA MEM
	PLASTIC TUBE (LOOP DETECTOR)	31602	14			LINFT	PLASTIC TUBE LP DET
	PLASTIC TUBE (LOOP DETECTOR)	31602M	14			METER	PLASTIC TUBE LP DET
D	PLASTICIZED BITUMEN HOT MIX SEAL, LR 424	18109	4			TONS	PBHMS LR 424
D	PLASTICIZED BITUMEN HOT MIX SEAL, LR 424	18109M	4			M TON	PBHMS LR 424
D	PLATE, AASHTO M-161	65201	16	13	12	LB	PLATE AASHTO M161
D	PLATE, AASHTO M-183	65202	16	13	12	LB	PLATE AASHTO M183
D	PLATE, AASHTO M-187	65203	16	13	12	LB	PLATE AASHTO M187
D	PLATE, AASHTO M-188	65204	16	13	12	LB	PLATE AASHTO M188
D	PLATE, AASHTO M-222	65205	16	13	12	LB	PLATE AASHTO M222
D	PLATE, AASHTO M-223 42	6520642	16	13	12	LB	PLATE AASHTO M223 42
D	PLATE, AASHTO M-223 45	6520645	16	13	12	LB	PLATE AASHTO M223 45
D	PLATE, AASHTO M-223 50	6520650	16	13	12	LB	PLATE AASHTO M223 50
D	PLATE, AASHTO M-223 55	6520655	16	13	12	LB	PLATE AASHTO M223 55
D	PLATE, AASHTO M-223 60	6520660	16	13	12	LB	PLATE AASHTO M223 60
D	PLATE, AASHTO M-223 65	6520665	16	13	12	LB	PLATE AASHTO M223 65
D	PLATE, AASHTO M-244	65207	16	13	12	LB	PLATE AASHTO M244
D	PLATE, AASHTO M183M	65202M	16	13	12	KG	PLATE AASHTO M183M
D	PLATE, AASHTO M222M	65205M	16	13	12	KG	PLATE AASHTO M222M
D	PLATE, AASHTO M223M290	65206M290	16	13	12	KG	PLATE AASHO M223290

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PLATE, AASHTO M223M345	65206M345	16	13	12	KG	PLATE AASHO M223M345
D	PLATE, AASHTO M223M415	65206M60				KG	PLATE AASHO M223M415
D	PLATE, AASHTO M223M450	65206M450	16	13	12	KG	PLATE AASHO M223M450
D	PLATE, AASHTO M244M	65207M	16	13	12	KG	PLATE AASHTO M244M
D	PLATE, AASHTO M270M250	65213M250	16	13	12	KG	PLATE M270M250
	PLATE, AASHTO M270M345	65213M345	16	13	12	KG	PLATE M270M345
	PLATE, AASHTO M270M345W	65213M341	16	13	12	KG	PLATE M270M345W
D	PLATE, AASHTO M270M485	65213M485	16	13	12	KG	PLATE M270M485
	PLATE, AASHTO M270M485W	65213M481	16	13	12	KG	PLATE M270M485W
	PLATE, AASHTO M270M690	65213M690	16	13	12	KG	PLATE M270M690
	PLATE, AASHTO M270M690W	65213M691	16	13	12	KG	PLATE M270M690W
D	PLATE, ASTM A-517	65208	16	13	12	LB	PLATE ASTM A517
D	PLATE, ASTM A242M	65201M	16	13	12	KG	PLATE ASTM A242M
D	PLATE, ASTM A517M	65208M	16	13	12	KG	PLATE ASTM A517M
D	PLATE, ASTM A570 GRADE 50	652115M50				KG	PLATE ASTM A570 50
D	PLATE, ASTM A570 GRADE 50	6521550	16	13	12	LB	PLATE ASTM A570 50
D	PLATE, ASTM A570 GRATE 50	6521550M				KG	PLATE ASTM A570 50
D	PLATE, ASTM A606-75 TYPE 4	65212	16	13	12	LB	PLATE ASTM A606 TY 4
D	PLATE, ASTM A606-75 TYPE 4	65212M	16	13	12	KG	PLATE ASTM A606 TY 4
D	PLATE, ASTM A607 GRADE 50	65210	16	13	12	LB	PLATE ASTM A607 GR50
D	PLATE, ASTM A607 GRADE 50	65210M	16	13	12	KG	PLATE ASTM A607 GR50
D	PLATE, ASTM A852	65214	16	13		LB	PLATE ASTM A852
D	PLATE, ASTM A852M	65214M	16	13		KG	PLATE ASTM A852M
D	PLATE, BRONZE BEARING	78001				PC	PLATE BRONZE BEARING

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PLATE, BRONZE BEARING	78001M				EA	PLATE BRONZE BEARING
D	PLATE, FLOOR, AASHTO M-183	65211	16	13	12	LB	PLATE FLOOR M183
D	PLATE, FLOOR, AASHTO M-222	65209	16	13	12	LB	PLATE FLOOR M222
D	PLATE, FLOOR, AASHTO M183M	65211M	16	13	12	KG	PLATE FLOOR M183M
D	PLATE, FLOOR, AASHTO M222M	65209M	16	13	12	KG	PLATE FLOOR M222M
	PLATE, GRADE 100	65213100	16	13	12	LB	PLATE GRADE 100
	PLATE, GRADE 100W	652131001	16	13	12	LB	PLATE GRADE 100W
	PLATE, GRADE 36	6521336	16	13	12	LB	PLATE GRADE 36
	PLATE, GRADE 50	6521350	16	13	12	LB	PLATE GRADE 50
	PLATE, GRADE 50W	65213501	16	13	12	LB	PLATE GRADE 50W
	PLATE, GRADE 70	6521370	16	13	12	LB	PLATE GRADE 70
	PLATE, GRADE 70W	65213701	16	13	12	LB	PLATE GRADE 70W
D	PLATE, LEAD	78101	16	13	12	PC	PLATE LEAD
D	PLATE, LEAD	78101M	16	13	12	EA	PLATE LEAD
	PLATE, NAME	78201				PC	PLATE NAME
	PLATE, NAME	78201M				EA	PLATE NAME
D	PLATE, REFERENCE	61323				EA	PLATE REFERENCE
D	PLATE, REFERENCE	61323M				EA	PLATE REFERENCE
D	PLATE, TUNNEL LINER	68003	16	13X12		SQFT	PLATE TUNNEL LINER
D	PLATE, TUNNEL LINER	68003M	16	13X12		SQ M	PLATE TUNNEL LINER
D	PLATE,ASTM A529 GRADE 50	65216M50	16	13	12	KG	PLATE ASTM A529 50
D	PLATE,ASTM A529 GRADE 50	6521650	16	13	12	LB	PLATE ASTM A529 50
D	PLATES, AASHTO M-223	65206				LB	PLATES AASHTO M223
D	PLUG, END, ABS, TRUSS	49107	14			EA	PLUG END ABS TRUSS

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PLUG, END, ABS, TRUSS	49107M	14			EA	PLUG END ABS TRUSS
	PLUG, END, CONCRETE	25212				EA	PLUG END CONCRETE
	PLUG, END, CONCRETE	25212M				EA	PLUG END CONCRETE
	PLUG, JOINT MECHANICAL	51307	14			EA	PLUG JOINT MECH
	PLUG, JOINT MECHANICAL	51307M	14			EA	PLUG JOINT MECH
D	PLUG, RUBBER, LIFT HOLES	70803				EA	PLUG RUBBER L HOLE
D	PLUG, RUBBER, LIFT HOLES	70803M				EA	PLUG RUBBER L HOLE
	PLYWOOD	35401	16	89		SQFT	PLYWOOD
	PLYWOOD	35401M	16	89		SQ M	PLYWOOD
	POLE, ALUMINUM	33101	19			PC	POLE AL
	POLE, ALUMINUM	33101M	19			EA	POLE AL
	POLE, FIBERGLASS	33111	19			PC	POLE FIBERGLASS
	POLE, FIBERGLASS	33111M	19			PC	POLE FIBERGLASS
	POLE, LIGHT, DIV AERO, STEEL	33664	19			EA	POLE LIGHT AERO STL
	POLE, LIGHT, DIV AERO, STEEL	33664M	19			EA	POLE LIGHT AERO STL
	POLE, LIGHT, PRECAST PRESTRESSED CONCRETE	33701	19			EA	POLE LIGHT PP CONC
	POLE, LIGHT, PRECAST PRESTRESSED CONCRETE	33701M	19			EA	POLE LIGHT PP CONC
	POLE, RUST RESISTANT STEEL	33201	19			PC	POLE RR STEEL
	POLE, RUST RESISTANT STEEL	33201M	19			EA	POLE RR STEEL
D	POLE, STAINLESS STEEL	33301	19			PC	POLE STASTL
D	POLE, STAINLESS STEEL	33301M	19			EA	POLE STASTL
D	POLE, WOOD CLASS 1	33401	19	23		PC	POLE WOOD CL1
D	POLE, WOOD CLASS 1	33401M	19	23		EA	POLE WOOD CL1
D	POLE, WOOD CLASS 2	33402	19	23		PC	POLE WOOD CL2

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POLE, WOOD CLASS 2	33402M	19	23		EA	POLE WOOD CL2
	POLE, WOOD CLASS 3	33403	19	23		PC	POLE WOOD CL3
	POLE, WOOD CLASS 3	33403M	19	23		EA	POLE WOOD CL3
	POLE, WOOD CLASS 4	33404	19	23		PC	POLE WOOD CL4
	POLE, WOOD CLASS 4	33404M	19	23		EA	POLE WOOD CL4
	POLE, WOOD CLASS 5	33405	19	23		PC	POLE WOOD CL5
	POLE, WOOD CLASS 5	33405M	19	23		EA	POLE WOOD CL5
	POLYETHER URETHANE ELASTOMER	70312	37			PC	POLYETHER URTHANE
	POLYETHER URETHANE ELASTOMER	70312M	37			EA	POLYETHER URTHANE
	POLYMERIC RESIN, CRACK FILLER, HIGH FRICTION SURF TREATMENT	42728				GAL	POLY RESN CRFIL HFST
	POLYMERIC RESIN, CRACK FILLER, HIGH FRICTION SURF TREATMENT	42728M				LITER	POLY RESN CRFIL HFST
	PORTLAND CEMENT, BLAST FURNACE SLAG, TYPE IS	37701				CWT	PCEM BFS TYIS
	PORTLAND CEMENT, BLAST FURNACE SLAG, TYPE IS	37701M				M TON	PCEM BFS TYIS
D	PORTLAND CEMENT, BLAST FURNACE SLAG, TYPE ISA	37702				CWT	PCEM BFS TYISA
D	PORTLAND CEMENT, BLAST FURNACE SLAG, TYPE ISA	37702M				M TON	PCEM BFS TYISA
	PORTLAND CEMENT, LIMESTONE, TYPE IL	37708				CWT	PCEM LIME TYIL
	PORTLAND CEMENT, LIMESTONE, TYPE IL	37708M				M TON	PCEM LIME TYIL
D	PORTLAND CEMENT, POZZOLAN MODIFIED, TYPE I (PM)	37707				CWT	PCEM POZZMOD TYIPM
D	PORTLAND CEMENT, POZZOLAN MODIFIED, TYPE I (PM)	37707M				M TON	PCEM POZZMOD TYIPM
	PORTLAND CEMENT, POZZOLAN, TYPE IP	37703				CWT	PCEM POZ TYIP
	PORTLAND CEMENT, POZZOLAN, TYPE IP	37703M				M TON	PCEM POZ TYIP
D	PORTLAND CEMENT, POZZOLAN, TYPE IPA	37704				CWT	PCEM POZ TYIPA
D	PORTLAND CEMENT, POZZOLAN, TYPE IPA	37704M				M TON	PCEM POZ TYIPA
D	PORTLAND CEMENT, SLAG MODIFIED, TYPE I (SM)	37706				CWT	PCEM SLAGMOD TYISM

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PORTLAND CEMENT, SLAG MODIFIED, TYPE I (SM)	37706M				M TON	PCEM SLAGMOD TYISM
	PORTLAND CEMENT, TYPE I	37601				CWT	PCEM TYI
	PORTLAND CEMENT, TYPE I	37601M				M TON	PCEM TYI
D	PORTLAND CEMENT, TYPE IA	37602				CWT	PCEM TYIA
D	PORTLAND CEMENT, TYPE IA	37602M				M TON	PCEM TYIA
	PORTLAND CEMENT, TYPE II	37603				CWT	PCEM TYII
	PORTLAND CEMENT, TYPE II	37603M				M TON	PCEM TYII
	PORTLAND CEMENT, TYPE II (MH)	37609				CWT	PCEM TYII (MH)
	PORTLAND CEMENT, TYPE II (MH)	37609M				M TON	PCEM TYII (MH)
D	PORTLAND CEMENT, TYPE IIA	37604				CWT	PCEM TYPIIA
D	PORTLAND CEMENT, TYPE IIA	37604M				M TON	PCEM TYPIIA
	PORTLAND CEMENT, TYPE III	37605				CWT	PCEM TYIII
	PORTLAND CEMENT, TYPE III	37605M				M TON	PCEM TYIII
D	PORTLAND CEMENT, TYPE IIIA	37606				CWT	PCEM TYIIIA
D	PORTLAND CEMENT, TYPE IIIA	37606M				M TON	PCEM TYIIIA
D	PORTLAND CEMENT, TYPE IV	37607				CWT	PCEM TYIV
D	PORTLAND CEMENT, TYPE IV	37607M				M TON	PCEM TYIV
D	PORTLAND CEMENT, TYPE V	37608				CWT	PCEM TYV
D	PORTLAND CEMENT, TYPE V	37608M				M TON	PCEM TYV
	POST (FLEXIBLE) AND REFLECTOR, DELINEATOR	61346				EA	POST-REFL DELIN FLEX
	POST (FLEXIBLE) AND REFLECTOR, DELINEATOR	61346M				EA	POST-REFL DELIN FLEX
	POST TOP, CHAIN LINK, GALVANIZED STEEL	58121				EA	POST TOP CHLGV
	POST TOP, CHAIN LINK, GALVANIZED STEEL	58121M				EA	POST TOP CHLGV
D	POST, DELINEATOR, ALUMINUM CHANNEL	60501	12		35	PC	POST DELIN ALCH

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POST, DELINEATOR, ALUMINUM CHANNEL	60501M	12		35	EA	POST DELIN ALCH
D	POST, DELINEATOR, ENAM. STEEL CHANNEL	60604	12		35	PC	POST DELIN EN STCH
D	POST, DELINEATOR, ENAM. STEEL CHANNEL	60604M	12		35	EA	POST DELIN EN STCH
	POST, DELINEATOR, GALV. STEEL CHANNEL	60601	12			PC	POST DELIN GV STCH
	POST, DELINEATOR, GALV. STEEL CHANNEL	60601M	12			EA	POST DELIN GV STCH
D	POST, DELINEATOR, GALV. STEEL, CHANNEL-2 PIECE FLEXIBLE	60607				PC	POST DEL GVSTCH 2PCF
D	POST, DELINEATOR, GALV. STEEL, CHANNEL-2 PIECE FLEXIBLE	60607M				EA	POST DEL GVSTCH 2PCF
	POST, DELINEATOR, STEEL CHANNEL	60608				PC	POST DELIN STCH
	POST, DELINEATOR, STEEL CHANNEL	60608M				EA	POST DELIN STCH
D	POST, GALVANIZED STEEL GUARD RAIL "C"	55302				EA	POST GSGR "C"
D	POST, GALVANIZED STEEL GUARD RAIL "C"	55302M				EA	POST GSGR "C"
	POST, GALVANIZED STEEL GUARD RAIL "I"	55301				EA	POST GSGR "I"
	POST, GALVANIZED STEEL GUARD RAIL "I"	55301M				EA	POST GSGR "I"
D	POST, GALVANIZED STEEL GUARD RAIL "L"	55306				EA	POST GSGR "L"
D	POST, GALVANIZED STEEL GUARD RAIL "L"	55306M				EA	POST GSGR "L"
	POST, GALVANIZED STEEL ROAD GUARD, "U" ASTM A-499	55311				EA	POST GSRG U A499
	POST, GALVANIZED STEEL ROAD GUARD, "U" ASTM A-499	55311M				EA	POST GSRG U A499
D	POST, GALVANIZED STEEL, THRIE BEAM RETROFIT	55307				EA	POST GSTB RETROFIT
D	POST, GALVANIZED STEEL, THRIE BEAM RETROFIT	55307M				EA	POST GSTB RETROFIT
D	POST, GATE, CHAIN LINK (PIPE) ALUMINIZED	58131				EA	POST GAT CHLF ALST P
D	POST, GATE, CHAIN LINK (PIPE) ALUMINIZED	58131M				EA	POST GAT CHLF ALST P
D	POST, GATE, CHAIN LINK (PIPE) ALUMINIZED STEEL	58128				EA	POST GAT CHLF ALST P
D	POST, GATE, CHAIN LINK (PIPE) ALUMINUM	58115	14	24		EA	POST GATE CHLAL P
	POST, GATE, CHAIN LINK (PIPE) GALVANIZED STEEL	58117	34	24		EA	POST GATE CHLGV P

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	POST, GATE, CHAIN LINK (PIPE) GALVANIZED STEEL	58117M	34	24		EA	POST GATE CHLGV P
D	POST, GATE, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58119	34	24		EA	POST GATE CHLF GV RF
D	POST, GATE, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58119M	34	24		EA	POST GATE CHLF GV RF
D	POST, GATE, CHAIN LINK (SQ. TUBE) ALUMINUM	58116	14	24		EA	POST GATE CHLAL SQT B
D	POST, GATE, CHAIN LINK (SQ. TUBE) GALVANIZED STEEL	58118	14	24		EA	POST GATE CHLGV SQT B
D	POST, GATE, CHAIN LINK (SQ. TUBE) GALVANIZED STEEL	58118M	14	24		EA	POST GATE CHLGV SQT B
	POST, GATE, CHAIN LINK, (PIPE) GALVANIZED STEEL TYPE B	58134	34	24		EA	POST GATE CHLGV P TB
	POST, GATE, CHAIN LINK, (PIPE) GALVANIZED STEEL TYPE B	58134M	34	24		EA	POST GATE CHLGV P TB
D	POST, GATE, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58215	34	24		EA	POST GATE GVWW P TB
D	POST, GATE, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58215M	34	24		EA	POST GATE GVWW P TB
D	POST, GATE, GALVANIZED, WOVEN WIRE (ANGLE)	58210	13X13X16	24		EA	POST GATE GVWW ANGLE
D	POST, GATE, GALVANIZED, WOVEN WIRE (ANGLE)	58210M	13X13X16	24		EA	POST GATE GVWW ANGLE
	POST, GATE, GALVANIZED, WOVEN WIRE (PIPE)	58208	34	24		EA	POST GATE GVWW PIPE
	POST, GATE, GALVANIZED, WOVEN WIRE (PIPE)	58208M	34	24		EA	POST GATE GVWW PIPE
D	POST, GATE, GALVANIZED, WOVEN WIRE (SQ. TUBE)	58209	36	24		EA	POST GATE GVWW SQT B
D	POST, GATE, GALVANIZED, WOVEN WIRE (SQ. TUBE)	58209M	36	24		EA	POST GATE GVWW SQT B
D	POST, GATE, GALVANIZED, WOVEN WIRE (STR. SHAPE)	58211	14	24		EA	POST GATE GVWW STSH
D	POST, GATE, GALVANIZED, WOVEN WIRE (STR. SHAPE)	58211M	14	24		EA	POST GATE GVWW STSH
	POST, GATE, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL	58124	34	24		EA	POST GATE CLF VCGV P
	POST, GATE, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL	58124M	34	24		EA	POST GATE CLF VCGV P
	POST, GATE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58137	34	24		EA	POST GATE VCGVCL TYB
	POST, GATE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58137M	34	24		EA	POST GATE VCGVCL TYB
D	POST, GLARE GUARD, PAINTED CHANNEL	58605				EA	POST GLGRD PNT CHAN
D	POST, GLARE GUARD, PAINTED CHANNEL	58605M				EA	POST GLGRD PNT CHAN

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POST, GUARD, BLR-7	35201	14	19	23	EA	POST G BLR7
D	POST, GUIDE, BLR-7	35202	14	19	23	EA	POST GD BLR7
	POST, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55605				EA	POST HTCM BAR SYSTEM
	POST, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55605M				EA	POST HTCM BAR SYSTEM
D	POST, LINE, CHAIN LINK (H) ALUMINUM	58108				EA	POST LIN CHLF AL H
D	POST, LINE, CHAIN LINK (I) ALUMINUM	58109				EA	POST LINE CHLF AL I
D	POST, LINE, CHAIN LINK (PIPE) ALUMINIZED STEEL	58127				EA	POST LIN CHLF ALST P
D	POST, LINE, CHAIN LINK (PIPE) ALUMINIZED STEEL	58130				EA	POST LIN CHLF ALST P
D	POST, LINE, CHAIN LINK (PIPE) ALUMINIZED STEEL	58130M				EA	POST LIN CHLF ALST P
D	POST, LINE, CHAIN LINK (PIPE) ALUMINUM	58107				EA	POST LINE CHLF AL P
D	POST, LINE, CHAIN LINK (PIPE) ALUMINUM	58107M				EA	POST LINE CHLF AL P
	POST, LINE, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58120	34	24		EA	POST LINE CHLF GV RF
	POST, LINE, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58120M	34	24		EA	POST LINE CHLF GV RF
D	POST, LINE, CHAIN LINK (U) ALUMINUM	58110				EA	POST LINE CHLF AL U
D	POST, LINE, GALVANIZED STEEL CHAIN LINK (H)	58112				EA	POST LINE CHLGV H
D	POST, LINE, GALVANIZED STEEL CHAIN LINK (H)	58112M				EA	POST LINE CHLGV H
	POST, LINE, GALVANIZED STEEL CHAIN LINK (I)	58113				EA	POST LINE CHLGV I
	POST, LINE, GALVANIZED STEEL CHAIN LINK (I)	58113M				EA	POST LINE CHLGV I
	POST, LINE, GALVANIZED STEEL CHAIN LINK (PIPE)	58111	34	24		EA	POST LINE CHLGV P
	POST, LINE, GALVANIZED STEEL CHAIN LINK (PIPE)	58111M	34	24		EA	POST LINE CHLGV P
	POST, LINE, GALVANIZED STEEL CHAIN LINK (PIPE) TYPE B	58133	34	24		EA	POST LINE CHLGV P TB
	POST, LINE, GALVANIZED STEEL CHAIN LINK (PIPE) TYPE B	58133M	34	24		EA	POST LINE CHLGV P TB
	POST, LINE, GALVANIZED STEEL CHAIN LINK (U)	58114				EA	POST LINE CHLGV U
	POST, LINE, GALVANIZED STEEL CHAIN LINK (U)	58114M				EA	POST LINE CHLGV U

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POST, LINE, GALVANIZED WOVEN WIRE (PIPE)	58205	34	24		EA	POST LINE GVWW PIPE
D	POST, LINE, GALVANIZED WOVEN WIRE (PIPE)	58205M	34	24		EA	POST LINE GVWW PIPE
D	POST, LINE, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58214	34	24		EA	POST LINE GVWW P TB
D	POST, LINE, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58214M	34	24		EA	POST LINE GVWW P TB
D	POST, LINE, GALVANIZED WOVEN WIRE (SQ. TUBE)	58206				EA	POST LINE GVWW SQT B
D	POST, LINE, GALVANIZED WOVEN WIRE (SQ. TUBE)	58206M				EA	POST LINE GVWW SQT B
	POST, LINE, GALVANIZED WOVEN WIRE (STR. SHAPE)	58207				EA	POST LINE GVWW STSH
	POST, LINE, GALVANIZED WOVEN WIRE (STR. SHAPE)	58207M				EA	POST LINE GVWW STSH
	POST, LINE, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL	58123	34	24		EA	POST LINE CLF VCGV P
	POST, LINE, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL	58123M	34	24		EA	POST LINE CLF VCGV P
	POST, LINE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58136	34	24		EA	POST LINE VCGVCL TYB
	POST, LINE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58136M	34	24		EA	POST LINE VCGVCL TYB
D	POST, MARKER, ALUMINUM CHANNEL	60502	12		35	PC	POST MARKER ALCH
D	POST, MARKER, ALUMINUM CHANNEL	60502M	12		35	EA	POST MARKER ALCH
D	POST, MARKER, ENAM. STEEL CHANNEL	60605	12		35	PC	POST MARKER EN STCH
D	POST, MARKER, ENAM. STEEL CHANNEL	60605M	12		35	EA	POST MARKER EN STCH
	POST, MARKER, GALV. STEEL, CHANNEL	60602	12			PC	POST MARKER GV STCH
	POST, MARKER, GALV. STEEL, CHANNEL	60602M	12			EA	POST MARKER GV STCH
	POST, MONOTUBE	61306	22			EA	POST MONOTUBE
	POST, MONOTUBE	61306M	22			EA	POST MONOTUBE
D	POST, PAINTED, STEEL CABLE, ROAD GUARD	55305				EA	POST SC RG PAINT
D	POST, PAINTED, STEEL CABLE, ROAD GUARD	55305M				EA	POST SC RG PAINT
	POST, PRECAST PRESTRESSED CONCRETE NOISE ABATEMENT	27805	12	13	18	EA	POST PPC NOISE ABT
	POST, PRECAST PRESTRESSED CONCRETE NOISE ABATEMENT	27805M	12	13	18	EA	POST PPC NOISE ABT

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POST, RAIL, PRECAST CONCRETE, CURB	25505				EA	POST RAIL PRECAST CB
D	POST, RAIL, PRECAST CONCRETE, NO CURB	25506	12			EA	POSTRAIL PRECST NOCB
D	POST, RAILING, CAST ALUMINUM, SINGLE RAIL	54201				EA	POST RAIL AL
D	POST, RAILING, CAST ALUMINUM, SINGLE RAIL	54201M				EA	POST RAIL AL
D	POST, RAILING, CAST ALUMINUM, TYPE L	54202				EA	POST RAIL AL TYL
D	POST, RAILING, CAST ALUMINUM, TYPE L	54202M				EA	POST RAIL AL TYL
D	POST, RAILING, GALV. STEEL ANGLE	54205				EA	POST RAIL GVST ANGLE
D	POST, RAILING, GALV. STEEL ANGLE	54205M				EA	POST RAIL GVST ANGLE
	POST, RAILING, GALV. STEEL I BEAM, TYPE N, S, & T	54204				EA	POST RAIL GVSTL IB
	POST, RAILING, GALV. STEEL I BEAM, TYPE N, S, & T	54204M				EA	POST RAIL GVSTL IB
D	POST, RAILING, GALV. STRUCTURAL STEEL TUBING	54206		13X11X16		EA	POST RAIL GV ST TUBE
D	POST, RAILING, GALV. STRUCTURAL STEEL TUBING	54206M		13X11X16		EA	POST RAIL GV ST TUBE
D	POST, RAILING, MALLEABLE CAST IRON, TYPE M	54203				EA	POST RAIL IR TYM
D	POST, RAILING, MALLEABLE CAST IRON, TYPE M	54203M				EA	POST RAIL IR TYM
D	POST, RAILING, PAINTED STEEL I BEAM, TYPE N, S, & T	54207				EA	POST RAIL PTSTL IB
D	POST, RAILING, PAINTED STEEL I BEAM, TYPE N, S, & T	54207M				EA	POST RAIL PTSTL IB
D	POST, SIGN, ALUMINUM CHANNEL	60503	12		35	PC	POST SIGN ALCH
D	POST, SIGN, ALUMINUM CHANNEL	60503M	12		35	EA	POST SIGN ALCH
	POST, SIGN, ENAM. STEEL CHANNEL	60606	12			PC	POST SIGN EN STCH
	POST, SIGN, ENAM. STEEL CHANNEL	60606M	12			EA	POST SIGN EN STCH
	POST, SIGN, GALV. STEEL CHANNEL	60603	12			PC	POST SIGN GV STCH
	POST, SIGN, GALV. STEEL CHANNEL	60603M	12			EA	POST SIGN GV STCH
	POST, SNOW FENCE STEEL	80801				EA	POST SNOW FENCE STL
	POST, SNOW FENCE STEEL	80801M				EA	POST SNOW FENCE STL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	POST, STEEL GUARD RAIL "I" RUST RESISTANT, TYPE IV	55308				EA	POST SGR RR"I"RRTYIV
	POST, STEEL GUARD RAIL "I" RUST RESISTANT, TYPE IV	55308M				EA	POST SGR RR"I"RRTYIV
	POST, STRUCTURAL STEEL SHAPE, GRADE 36	60701	15	24	12	LB	POST STL STSH GR 36
	POST, STRUCTURAL STEEL SHAPE, GRADE 36	60701M	15	24	12	KG	POST STL STSH GR 36
D	POST, TERMINAL, CHAIN LIN (ROLL FORM) ALUMINUM	58103				EA	POST TERM CHLF RF AL
D	POST, TERMINAL, CHAIN LINK (PIPE) ALUMINIZED STEEL	58126				EA	POST TRM CHLF ALSTP
D	POST, TERMINAL, CHAIN LINK (PIPE) ALUMINIZED STEEL	58129				EA	POST TRM CHLF ALST P
D	POST, TERMINAL, CHAIN LINK (PIPE) ALUMINIZED STEEL	58129M				EA	POST TRM CHLF ALST P
D	POST, TERMINAL, CHAIN LINK (PIPE) ALUMINUM	58101				EA	POST TERM CHLF AL P
	POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL	58104	34	24		EA	POST TERM CHLF GV P
	POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL	58104M	34	24		EA	POST TERM CHLF GV P
	POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL TYPE B	58132	34	24		EA	POST TERM CHLFGV TB
	POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL TYPE B	58132M	34	24		EA	POST TERM CHLFGV TB
	POST, TERMINAL, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58106				EA	POST TERM CHLF GV RF
	POST, TERMINAL, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58106M				EA	POST TERM CHLF GV RF
D	POST, TERMINAL, CHAIN LINK (SQ. TUBE) ALUMINUM	58102				EA	POST TERM CHLF AL SQ
D	POST, TERMINAL, CHAIN LINK (SQ. TUBE) GALVANIZED STEEL	58105				EA	POST TERM CHLF GV SQ
D	POST, TERMINAL, CHAIN LINK (SQ. TUBE) GALVANIZED STEEL	58105M				EA	POST TERM CHLF GV SQ
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (ANGLE)	58203				EA	POST TERM GVWW ANG
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (ANGLE)	58203M				EA	POST TERM GVWW ANG
	POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE)	58201	34	24		EA	POST TERM GVWW P
	POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE)	58201M	34	24		EA	POST TERM GVWW P
	POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58213	34	24		EA	POST TERM GVWW P TB
	POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58213M	34	24		EA	POST TERM GVWW P TB

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (SQ. TUBE)	58202				EA	POST TERM GVWW SQT B
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (SQ. TUBE)	58202M				EA	POST TERM GVWW SQT B
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (STRUCTURAL SHAPE)	58204				EA	POST TERM GVWW STSH
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (STRUCTURAL SHAPE)	58204M				EA	POST TERM GVWW STSH
	POST, TERMINAL, VINYL COATED CHAIN LINK PIPE GALVANIZED STEE	58122	34	24		EA	POST TERM CLF VCGV P
	POST, TERMINAL, VINYL COATED CHAIN LINK PIPE GALVANIZED STEE	58122M	34	24		EA	POST TERM CLF VCGV P
	POST, TERMINAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58135	34	24		EA	POST TERM VCGVCL TYB
	POST, TERMINAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58135M	34	24		EA	POST TERM VCGVCL TYB
D	POST, TRAFFIC CHANNELIZING, PLASTIC	49701				EA	POST TRAFFIC CHANNEL
D	POST, TRAFFIC CHANNELIZING, PLASTIC	49701M				EA	POST TRAFFIC CHANNEL
	POST, TUBULAR, RECTANGLE, ASTM A500	60901	87	28	12	LB	POST TB RECT A500
	POST, TUBULAR, RECTANGLE, ASTM A500	60901M	87	28	12	KG	POST TB RECT A500
D	POST, TUBULAR, RECTANGLE, ASTM A501	60902	13X11	28-12		LB	POST TB RECT A501
D	POST, TUBULAR, RECTANGLE, ASTM A501	60902M	13X11	28-12		KG	POST TB RECT A501
D	POST, TUBULAR, ROUND ASTM A 500	60802	14X28	12	30	LB	POST TB ROUND A500
D	POST, TUBULAR, ROUND ASTM A 500	60802M	14X28	12	30	KG	POST TB ROUND A500
D	POST, TUBULAR, ROUND ASTM A 501	60803	14X28	12		LB	POST TB ROUND A501
D	POST, TUBULAR, ROUND ASTM A 501	60803M	14X28	12		KG	POST TB ROUND A501
D	POST, TUBULAR, ROUND ASTM A 53	60801	14X28	12	35&30	LB	POST TB ROUND A53
D	POST, TUBULAR, ROUND ASTM A 53	60801M	14X28	12	35&30	KG	POST TB ROUND A53
	POST, TUBULAR, SQUARE, TELESCOPING	60903	13	28	12	LINFT	POST TB SQ TEL
	POST, TUBULAR, SQUARE, TELESCOPING	60903M	13	28	12	METER	POST TB SQ TEL
	POST, WOOD	61001	81	12	23	LINFT	POST WOOD
	POST, WOOD	61001M	81	12	23	METER	POST WOOD

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, ACA TREATED	55310				EA	POST WGR CRG ACA
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, ACA TREATED	55310M				EA	POST WGR CRG ACA
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, CCA TREATED	55309				EA	POST WBR CRG CCA
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, CCA TREATED	55309M				EA	POST WGR CRG CCA
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, CREOSOTE TREATED	55304				EA	POST WGR CRG CREO
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, CREOSOTE TREATED	55304M				EA	POST WGR CRG CREO
	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, TREATED	55303				EA	POST WGR CRG TR
	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, TREATED	55303M				EA	POST WGR CRG TR
D	POST, WOOD, REDWOOD FENCE	58301				EA	POST WOOD REDWOOD FN
D	POST, WOOD, REDWOOD FENCE	58301M				EA	POST WOOD REDWOOD FN
D	POST, WOOD, RUSTIC RAIL	58302				EA	POST WOOD RUST RAIL
D	POST, WOOD, RUSTIC RAIL	58302M				EA	POST WOOD RUST RAIL
D	POST, WOOD, WOVEN WIRE FENCE	58212	23			EA	POST WOOD WW FN
D	POST, WOOD, WOVEN WIRE FENCE	58212M	23			EA	POST WOOD WW FN
D	POST,LINE,VINYL COATED CHAIN LINK (ROLL FORM) GALVINIZED STEEL	58125				EA	POST LINE CHLF VCGV
D	POST,LINE,VINYL COATED CHAIN LINK (ROLL FORM) GALVINIZED STEEL	58125M				EA	POST LINE CHLF VCGV
	POT BEARING (HLMR)	70308	68	75		EA	POT BEARING (HLMR)
	POT BEARING (HLMR)	70308M	68	75		EA	POT BEARING (HLMR)
D	PRECAST BLOCK REVETMENT MAT	25107	12	13	16	SQFT	PCST BLK REVMT MAT
D	PRECAST BLOCK REVETMENT MAT	25107M	12	13	16	SQ M	PCST BLK REVMT MAT
D	PRIMER SYSTEM II	38603				GAL	PRIMER SYII
	PRIMER, ALUMINUM EPOXY MASTIC	41407				GAL	PRIMER AL EPOXMAS
	PRIMER, ALUMINUM EPOXY MASTIC	41407M				LITER	PRIMER AL EPOXMAS
D	PRIMER, BROWN INTERMEDIATE COAT (SSPC-25)	41406				GAL	PRIMER BRINCT SSPC25

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PRIMER, BROWN INTERMEDIATE COAT (SSPC-25)	41406M				LITER	PRIMER BRINCT SSPC25
D	PRIMER, INORGANIC ZINC (ART 712.26)	41401				GAL	PRIMER INORGAN ZINC
D	PRIMER, INORGANIC ZINC (ART 712.26)	41401M				LITER	PRIMER INORGAN ZINC
	PRIMER, INORGANIC ZINC HIGH SOLIDS (AASHTO M300-92I)	41409				GAL	PRIMER INORG ZN HS
	PRIMER, INORGANIC ZINC HIGH SOLIDS (AASHTO M300-92I)	41409M				LITER	PRIMER INORG ZN HS
D	PRIMER, INORGANIC ZINC, WATER BORNE	41408				GAL	PRIMER INORG ZNH20
D	PRIMER, METAL FAST DRY	41402				GAL	PRIMER METAL FASTDRY
D	PRIMER, PRETREATMENT MIL-P-15328	41400				GAL	PRIMER PTR M-P-15328
D	PRIMER, PRETREATMENT MIL-P-15328	41400M				LITER	PRIMER PTR M-P-15328
D	PRIMER, RED IRON OXIDE	41404				GAL	PRIMER REDIRON OXIDE
D	PRIMER, RED IRON OXIDE (SSPC-25)	41405				GAL	PRIMER RDINOX SSPC25
D	PRIMER, RED IRON OXIDE (SSPC-25)	41405M				LITER	PRIMER RDINOX SSPC25
D	PRIMER, RUST TOP, GREY	41403				GAL	PRIMER RUST TOP GREY
	PRIMER, BRIDGE, EPOXY INTERMEDIATE, WHITE	41570				GAL	PRIM EPOXY INT WHITE
	PRIMER, BRIDGE, MOISTURE CURED URETHANE INTERMEDIATE	41580				GAL	PRIMER MCU INT
	PRIMER, BRIDGE, WATERBORNE ACRYLIC, MODERATE YELLOW (5Y 8-4)	41560				GAL	PRIM WTRBRN MODYEL
	PRIMER, BRIDGE, WATERBORNE ACRYLIC, MODERATE YELLOW (5Y 8-4)	41560M				LITER	PRIM WTRBRN MODYEL
D	PRIMER, CALCIUM SULFONATE-ALKYD	41601M				LITER	PRIMER CA SULF ALKYD
D	PRIMER, CALCIUM SULFONATE-ALKYD	41601				GAL	PRIMER CA SULF ALKYD
	PRIMER, MOISTURE CURED URETHANE ZINC-RICH	41411				GAL	PRIMER MCU ZN
	PRIMER, ORGANIC ZINC-RICH EPOXY	41410				GAL	PRIMER ORG ZN EPOXY
	PROTECTIVE COAT	42601				GAL	PROTECTIVE COAT
	PROTECTIVE COAT	42601M				LITER	PROTECTIVE COAT
D	PROTECTIVE COAT FOR CONCRETE SPECIAL	70112				SQYD	PRO COAT CONC SPEL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PROTECTIVE COAT FOR CONCRETE SPECIAL	70112M				SQ M	PROT COAT CONC SPEL
D	PROTECTIVE LAYER, ASPHALT SAND, SYSTEM I	38903				TONS	PROT LY ASP SYI
	RAIL FENCE, RUSTIC	57901				LINFT	RAIL FENCE RUSTIC
	RAIL FENCE, RUSTIC	57901M				METER	RAIL FENCE RUSTIC
	RAILING, ALUMINUM CIRCULAR TOP RAIL, TYPE L	54102				LINFT	RAILING ALCIRC TYL
	RAILING, ALUMINUM CIRCULAR TOP RAIL, TYPE L	54102M				METER	RAILING ALCIRC TYL
	RAILING, ALUMINUM ELLIPTICAL PIPE (SINGLE RAIL OR TYPE L)	54101				LINFT	RAILING ALEP TYL
	RAILING, ALUMINUM ELLIPTICAL PIPE (SINGLE RAIL OR TYPE L)	54101M				METER	RAILING ALEP TYL
	RAILING, ALUMINUM, ANODIZED	54114	40			LINFT	RAILING AL ANODIZED
	RAILING, ALUMINUM, ANODIZED	54114M	40			METER	RAILING AL ANODIZED
	RAILING, ALUMINUM, EXTRUDED ALLOY	54112	13	11	16	LINFT	RAILING EX ALUM ALY
	RAILING, ALUMINUM, EXTRUDED ALLOY	54112M	13	11	16	METER	RAILING EX ALUM ALY
D	RAILING, GALV STEEL, TYPE WT, (BRIDGE MANUAL R-30)	54113		13X11X16		LINFT	RAILING GVSTL WT
D	RAILING, GALV STEEL, TYPE WT, (BRIDGE MANUAL R-30)	54113M		13X11X16		METER	RAILING GVSTL WT
D	RAILING, GALV. STEEL CIRCULAR PIPE, TYPE M	54103				LINFT	RAIL STL CIRC P TYM
D	RAILING, GALV. STEEL CIRCULAR PIPE, TYPE M	54103M				METER	RAIL STL CIRC P TYM
D	RAILING, GALV. STEEL ELLIPTICAL PIPE, TYPE M	54104				LINFT	RAILING STL EP TYM
D	RAILING, GALV. STEEL ELLIPTICAL PIPE, TYPE M	54104M				METER	RAILING STL EP TYM
D	RAILING, GALV. STEEL I-BEAM	54108	40,15	24	12	LINFT	RAILING GV STL IB
D	RAILING, GALV. STEEL I-BEAM	54108M	40,15	24	12	METER	RAILING GV STL IB
	RAILING, GALV. STRUCTURAL STEEL TUBING	54105	13	11	16	LINFT	RAILING STL TUBE GV
	RAILING, GALV. STRUCTURAL STEEL TUBING	54105M	13	11	16	METER	RAILING STL TUBE GV
	RAILING, HAND, STEEL PIPE, GALV.	68612	34	28		LINFT	RAIL HND STLPIP GALV
	RAILING, HAND, STEEL PIPE, GALV.	68612M	34	28		METER	RAIL HND STLPIP GALV

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	RAILING, HAND, STEEL PIPE, PAINTED	68611	34	28		LINFT	RAIL HND STLPIP PNT
	RAILING, HAND, STEEL PIPE, PAINTED	68611M	34	28		METER	RAIL HND STLPIP PNT
	RAILING, PAINTED, STRUCTURAL STEEL TUBING	54107	13	11	16	LINFT	RAILING STL TUBE PT
	RAILING, PAINTED, STRUCTURAL STEEL TUBING	54107M	13	11	16	METER	RAILING STL TUBE PT
	RAILING, SIDEWALK, ALUMINUM	54110				LINFT	RAILING SIDEWALK AL
	RAILING, SIDEWALK, ALUMINUM	54110M				METER	RAILING SIDEWALK AL
	RAILING, STAINLESS STEEL TUBING	54115	13	11	16	LINFT	RAILING SSTL TUBING
	RAILING, STAINLESS STEEL TUBING	54115M	13	11	16	METER	RAILING SSTL TUBING
D	RAILING, STEEL PIPE, GALV.	54109	34	28		LINFT	RAILING ST PIPE GALV
D	RAILING, STEEL PIPE, GALV.	54109M	34	28		METER	RAILING ST PIPE GALV
	RAILING, STEEL PIPE, PAINTED	54106	34	28		LINFT	RAILING STPIPE PAINT
	RAILING, STEEL PIPE, PAINTED	54106M	34	28		METER	RAILING STPIPE PAINT
	RAILING, STRUCTURAL STEEL TUBING	54111	13	11	16	LINFT	RAILING STL TUBE
	RAILING, STRUCTURAL STEEL TUBING	54111M	13	11	16	METER	RAILING STL TUBE
D	RC BASE	11302				GAL	RC BASE
D	RC BASE	11302M				LITER	RC BASE
D	RC DILUENT	11402				GAL	RC DILUENT
D	RC DILUENT	11402M				LITER	RC DILUENT
D	REDUCER, ABS, TRUSS	49106	14	14		EA	REDUCER ABS TRUSS
D	REDUCER, ABS, TRUSS	49106M	14	14		EA	REDUCER ABS TRUSS
D	REDUCER, NON-REINFORCED CONCRETE	48007	14	14	31	EA	REDUCER NONRECONC
D	REDUCER, NON-REINFORCED CONCRETE	48007M	14	14	31	EA	REDUCER NONRECONC
	REDUCER, REINFORCED CONCRETE	48006	14	14		EA	REDUCER RECONC
	REDUCER, REINFORCED CONCRETE	48006M	14	14		EA	REDUCER RECONC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	REFLECTOR FOR DELINEATOR, TYPE A	61201	37	40		PC	REFLECTOR DELIN TYA
D	REFLECTOR FOR DELINEATOR, TYPE A	61201M	37	40		EA	REFLECTOR DELIN TYA
D	REFLECTOR FOR DELINEATOR, TYPE B	61202	37			PC	REFLECTOR DELIN TYB
D	REFLECTOR FOR DELINEATOR, TYPE B	61202M	37			EA	REFLECTOR DELIN TYB
D	REFLECTOR-DELINEATOR, BARRIER	61333				EA	REFLEC-DELIN BARRIER
D	REFLECTOR-DELINEATOR, BARRIER	61333M				EA	REFLEC-DELIN BARRIER
	REFLECTOR, CURB	61208				EA	REFLECTOR CURB
	REFLECTOR, CURB	61208M				EA	REFLECTOR CURB
D	REFLECTOR, DELINEATOR, CUBE CORNER	61342	37	32		EA	RFLTR DELIN CUBE CNR
D	REFLECTOR, DELINEATOR, CUBE CORNER	61342M	37	32		EA	RFLTR DELIN CUBE CNR
	REFLECTOR, FOR DELINEATOR	61207				EA	REFLECTOR DELINEATOR
	REFLECTOR, FOR DELINEATOR	61207M				EA	REFLECTOR DELINEATOR
	REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE A	61204				EA	REFLECTOR G&B TYA
	REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE A	61204M				EA	REFLECTOR G&B TYA
	REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE B	61205				EA	REFLECTOR G&B TYB
	REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE B	61205M				EA	REFLECTOR G&B TYB
	REFLECTOR, GUARDRIL & BARRIER WALL, TYPE C	61206				EA	REFLECTOR G&B TYC
	REFLECTOR, GUARDRIL & BARRIER WALL, TYPE C	61206M				EA	REFLECTOR G&B TYC
D	REFLECTOR, PRISMATIC	61324				EA	REFLECTOR PRISMATIC
D	REFLECTOR, PRISMATIC	61324M				EA	REFLECTOR PRISMATIC
	REGULATOR, CONSTANT CURRENT	72022				EA	REGULATOR CONST CURR
	REGULATOR, CONSTANT CURRENT	72022M				EA	REGULATOR CONST CURR
D	REINFORCED EPDM LEVELING PAD	70317	16			SQYD	REINF EPDM LEV PAD
D	REINFORCED EPDM LEVELING PAD	70317M	16			SQ M	REINF EPDM LEV PAD

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	REJUVENATING AGENT	43501				GAL	REJUVENATING AGENT
	REJUVENATING AGENT	43501M				LITER	REJUVENATING AGENT
D	RELEASE AGENT, ASPHALT	43400				GAL	REL AGENT ASPHALT
D	RELEASE AGENT, ASPHALT	43400M				LITER	REL AGENT ASPHALT
D	RESIN, ACRYLIC COPOLYMER (BR-201)	40911				LB	RESIN ACRYL COPLYMR
D	RESIN, ACRYLIC COPOLYMER (BR-201)	40911M				KG	RESIN ACRYL COPLYMR
D	RESIN, ALKYD (FOR M45, M106)	40907				GAL	RESIN ALK M45 M106
D	RESIN, ALKYD (FOR M45, M106)	40907M				LITER	RESIN ALK M45 M106
D	RESIN, ALKYD (M122)	40905				GAL	RESIN ALKYD (M122)
D	RESIN, ALKYD (M122)	40905M				LITER	RESIN ALKYD (M122)
D	RESIN, ALKYD (M123)	40906				LB	RESIN ALKYD (M123)
D	RESIN, ALKYD (M123)	40906M				KG	RESIN ALKYD (M123)
D	RESIN, ALKYD (TT-R-266 TYPE III)	40908				GAL	RESIN ALK TY III
D	RESIN, ALKYD (TT-R-266 TYPE III)	40908M				LITER	RESIN ALK TY III
D	RESIN, ALKYD (TT-R266 TYPE I CLASS A)	40902				GAL	RESIN ALK TYI CLA
D	RESIN, ALKYD (TT-R266 TYPE I CLASS A)	40902M				LITER	RESIN ALK TYI CLA
D	RESIN, ALKYD, SILICONE SOLUTION (TT-E-490)	40909				GAL	RESIN ALK SISOLUTION
D	RESIN, ALKYD, SILICONE SOLUTION (TT-E-490)	40909M				LITER	RESIN ALK SISOLUTION
D	RESIN, CHLORINATED PARAFFIN (MIL-C-429 TYPE I)	40901				GAL	RESIN CHL PARA TYI
D	RESIN, CHLORINATED PARAFFIN (MIL-C-429 TYPE I)	40901M				LITER	RESIN CHL PARA TYI
D	RESIN, CHLORINATED POLYOLEFIN	40910				LB	RESIN CHL POLYOLEFIN
D	RESIN, CHLORINATED POLYOLEFIN	40910M				KG	RESIN CHL POLYOLEFIN
D	RESIN, CHLORINATED RUBBER	40904M				KG	RESIN CHL RUBBER
D	RESIN, CHLORINATES RUBBER 10 CENTIPOISE TYPE	40903				LB	RESIN CHL RUB 10CP TY

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	RESIN, CHLORINATES RUBBER 20 CENTIPOISE TYPE	40904				LB	RESIN CHLRUM 20CP TY
D	RESTRAINER, PRECAST PRESTRESSED CONCRETE BRIDGE BEAM	68105				EA	RESTRAINER PPCN BEAM
D	RESTRAINER, PRECAST PRESTRESSED CONCRETE BRIDGE BEAM	68105M				EA	RESTRAINER PPCN BEAM
	RETAINING WALL BLOCK	25518	11	12	13	EA	RETAINING WALL BLOCK
	RETAINING WALL BLOCK	25518M	11	12	13	EA	RETAINING WALL BLOCK
	RETAINING WALL CAP	25519	11	12	13	EA	RETAINING WALL CAP
	RETAINING WALL CAP	25519M	11	12	13	EA	RETAINING WALL CAP
D	RETAINING WALL, METAL BIN-TYPE	68017	16	12X13		SQFT	RETAIN WALL METALBIN
D	RETAINING WALL, METAL BIN-TYPE	68017M	16	12X13		SQ M	RETAIN WALL METALBIN
	RETAINING WALL, SPECIAL, PRECAST CONCRETE	25513				SQFT	RETAIN WALL SP PRCON
	RETAINING WALL, SPECIAL, PRECAST CONCRETE	25513M				SQ M	RETAIN WALL SP PRCON
D	RETARDING ADMISTURES, TYPE G, PSP-R	42217				GAL	RET AD TY G PSP-4
D	RETARDING ADMIXTURES, TYPE B&D, AQUANIL R	42223				GAL	RET AD TYB&D AQNIL R
D	RETARDING ADMIXTURES, TYPE B, AQUANIL R	42226				GAL	RET AD TYB AQUANIL R
D	RETARDING ADMIXTURES, TYPE B, POZZOLITH 220-N	42224				GAL	RET AD TYB POZZ 220N
D	RETARDING ADMIXTURES, TYPE D, AQUANIL R	42227				GAL	RET AD TYD AQUANIL R
D	RETARDING ADMIXTURES, TYPE D, CATEXOL 1000R	42221				GAL	RET AD TY D CAT R
D	RETARDING ADMIXTURES, TYPE D, CHEMSTRONG R CHEM	42202				GAL	RET AD TYD R CHEM
D	RETARDING ADMIXTURES, TYPE D, CONCHEM 25R	42222				GAL	RET AD TYD CNCM 25R
D	RETARDING ADMIXTURES, TYPE D, DARATARD DARA	42204				GAL	RET AD TYD DARA
D	RETARDING ADMIXTURES, TYPE D, DARATARD 17	42208				GAL	RET AD TYP D DT17
D	RETARDING ADMIXTURES, TYPE D, EUCON 75	42220				GAL	RET AD TY D EUCON 75
D	RETARDING ADMIXTURES, TYPE D, LC400R	42219				GAL	RET AD TY D LC400R
D	RETARDING ADMIXTURES, TYPE D, LUBRICON HSR	42215				GAL	RET AD TYD LUBRI HSR

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	RETARDING ADMIXTURES, TYPE D, LUBRICON R LUBR	42201				GAL	RET AD TYD R LUBR
D	RETARDING ADMIXTURES, TYPE D, PLASTIMENT	42216				GAL	RET AD TYD PLASTIMT
D	RETARDING ADMIXTURES, TYPE D, PLASTOCRETE D PLAD	42207				GAL	RET AD TYD D PLAD
D	RETARDING ADMIXTURES, TYPE D, POZZOLITH 100 XR PZXR	42205				GAL	RET AD TYD XR PZXR
D	RETARDING ADMIXTURES, TYPE D, POZZOLITH 220-N	42225				GAL	RET AD TYD POZZ 220N
D	RETARDING ADMIXTURES, TYPE D, PROTEX PDA 25 R PROT	42206				GAL	RET AD TYD R PROT
D	RETARDING ADMIXTURES, TYPE D, PSI RETARDER PLUS	42214				GAL	RET AD TYP D PSIPLUS
D	RETARDING ADMIXTURES, TYPE D, PSI 90R	42210				GAL	RET AD TY D PSI 90R
D	RETARDING ADMIXTURES, TYPE D, REDI SET-R	42218				GAL	RET AD TY D REDISETR
D	RETARDING ADMIXTURES, TYPE D, RELCRETE NR	42203				GAL	RET AD TYD REL NR
D	RETARDING ADMIXTURES, TYPE D, RETARDWEL	42212				GAL	RET AD TY D RETARWEL
D	RETARDING ADMIXTURES, TYPE D, TCDA 727	42211				GAL	RET AD TY D TCDA 727
D	RETARDING ADMIXTURES, TYPE D, 161R	42213				GAL	RET AD TYP D 161R
D	RETARDING ADMIXTURES, TYPE G, MIGHTY RD2	42209				GAL	RET AD TY G RD2
	RING, ADJUSTING, CAST IRON	21004				EA	RING ADJUSTING IRON
	RING, ADJUSTING, CAST IRON	21004M				EA	RING ADJUSTING IRON
D	RING, ADJUSTING, CAST IRON, INTERLOCKING SECTIONS	21005				EA	RING ADJ IRON SECT
D	RING, ADJUSTING, CAST IRON, INTERLOCKING SECTIONS	21005M				EA	RING ADJ IRON SECT
	RING, ADJUSTING, EXPANDED POLYPROPYLENE (EPP)	70904				EA	RING ADJ EPP
	RING, ADJUSTING, HIGH DENSITY POLYSTYRENE, POLYUREA COATING	70903				EA	RING ADJ POLYSTYRENE
D	RING, ADJUSTING, RECYCLED RUBBER	70319				EA	RING ADJ REC RUBBER
D	RING, ADJUSTING, RECYCLED RUBBER	70319M				EA	RING ADJ REC RUBBER
	RING, ADJUSTING, STEEL	68406				EA	RING ADJUSTING STEEL
	RING, ADJUSTING, STEEL	68406M				EA	RING ADJUSTING STEEL

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	RIPRAP, CONCRETE BLOCK	25802	11	19	13	EA	RIPRAP CON BLK
D	RIPRAP, CONCRETE BLOCK	25802M	11	19	13	EA	RIPRAP CON BLK
	RISERS & GRADE RINGS	25201	14	11	16	EA	RISER & GR RINGS
	RISERS & GRADE RINGS	25201M	14	11	16	EA	RISER & GR RINGS
	RISERS, CATCH BASIN, STEEL	68415				EA	RISER CATCH BASN STL
	RISERS, CATCH BASIN, STEEL	68415M				EA	RISER CATCH BASN STL
	RISERS, CONCENTRIC CONE (STRAIGHT)	25202	82	11	16	EA	RISER CON CN STG
	RISERS, CONCENTRIC CONE (STRAIGHT)	25202M	82	11	16	EA	RISER CON CN STG
D	RISERS, DROPINLET, CIRCULAR, CIRCUM CORR, GALV. STEEL	45208	14	16		EA	RISER INLET CIRCCCGS
D	RISERS, DROPINLET, CIRCULAR, CIRCUM CORR, GALV. STEEL	45208M	14	16		EA	RISER INLET CIRCCCGS
	RISERS, ECCENTRIC CONE (OFFSET)	25203	82	11	16	EA	RISER ECC CN OFFSET
	RISERS, ECCENTRIC CONE (OFFSET)	25203M	82	11	16	EA	RISER ECC CN OFFSET
	RISERS, RECTANGULAR	25214	6	27	11	EA	RISERS RECTANGULAR
	RISERS, RECTANGULAR	25214M	6	27	11	EA	RISERS RECTANGULAR
	RISERS, SPECIAL	25217	14	11	16	EA	RISERS SPECIAL
	RISERS, SPECIAL	25217M	14	11	16	EA	RISERS SPECIAL
	ROAD OIL, GRADE E-2 LIGHT	10301				GAL	ROAD OIL GR E 2 L
	ROAD OIL, GRADE E-2 LIGHT	10301M				LITER	ROAD OIL GR E 2 L
	ROAD OIL, GRADE E-3 MEDIUM	10302				GAL	ROAD OIL GR E 3 M
	ROAD OIL, GRADE E-3 MEDIUM	10302M				LITER	ROAD OIL GR E 3 M
	ROAD OIL, GRADE E-4 HEAVY	10303				GAL	ROAD OIL GR E 4 H
	ROAD OIL, GRADE E-4 HEAVY	10303M				LITER	ROAD OIL GR E 4 H
	ROD, ANCHOR ASTM A576	67649	14	12		PC	ROD ANCHOR ASTM A576
	ROD, ANCHOR ASTM A576	67649M	14	12		EA	ROD ANCHOR ASTM A576

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ROD, THREADED, ASTM A 687	65506	14			PC	ROD THREADED A687
D	ROD, THREADED, ASTM A 687	65506M	14			EA	ROD THREADED A687
D	RODS, DOWEL, GALV FOR PRECAST STRUCTURES, AASHTO M31	68103	14	12		PC	RODS DOWEL GV
D	RODS, DOWEL, GALV FOR PRECAST STRUCTURES, AASHTO M31M	68103M	14	12		EA	RODS DOWEL GV
D	RODS, DOWEL, GALV FOR PRECAST STRUCTURES, ASTM A663	68102	14	12		PC	RODS DOWEL GV
D	RODS, DOWEL, GALV FOR PRECAST STRUCTURES, ASTM A663M	68102M	14	12		EA	RODS DOWEL GV
	RODS, THREADED	68104	14	12		PC	RODS THREADED
	RODS, THREADED	68104M	14	12		EA	RODS THREADED
	RODS, TRANS TIE GALV, PRECAST STRUCTURE	68101	14	12		PC	RODS TRANS TIE GV
	RODS, TRANS TIE GALV, PRECAST STRUCTURE	68101M	14	12		EA	RODS TRANS TIE GV
D	ROOT STOCK, WETLAND	56511	22			EA	ROOTSTOCK WETLAND
D	ROOT STOCK, WETLAND	56511M	22			EA	ROOTSTOCK WETLAND
D	ROPE, MANILA	80901				LINFT	ROPE MANILA
D	ROPE, MANILA	80901M				METER	ROPE MANILA
D	ROPE, SISAL	80902				LINFT	ROPE SISAL
D	ROPE, SISAL	80902M				METER	ROPE SISAL
	ROPE, WIRE	80903				LINFT	ROPE WIRE
	ROPE, WIRE	80903M				METER	ROPE WIRE
D	ROSPHALT 50	38707				LB	ROSPHALT 50
D	ROVING, FIBERGLASS	56212				SQYD	ROVING FIBERGLASS
D	RUB RAIL	55111	13	24		LINFT	RUB RAIL
D	RUB RAIL	55111M	13	24		METER	RUB RAIL
D	RUBBER, BITUMINOUS MIXTURE ADDITIVE	38899				TONS	RUBBER BIT MIX ADDIT
	RUBBER, SHEET, NATURAL	70307				EA	RUBBER NATURAL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	RUBBER, SHEET, NATURAL	70307M				EA	RUBBER NATURAL
	RUMBLE STRIP, TEMPORARY	70805				LINFT	RUMB STRP TEMP 2298
	RUMBLE STRIP, TEMPORARY	70805M				METER	RUMB STRP TEMP 2298
D	SADDLE, PIPE, GALV STEEL	78601				EA	SADDLE PIPE GV ST
D	SADDLE, PIPE, GALV STEEL	78601M				EA	SADDLE PIPE GV ST
D	SALT, FLAKE, ANTI-ICE BIT MIX	80404				TONS	SALT FLK ANTICE BMIX
D	SALT, FLAKE, ANTI-ICE BIT MIX	80404M				M TON	SALT FLK ANTICE BMIX
D	SATURATED ROOFING FELT (ASPHALT)	38401				SQFT	SAT ROOFING FT ASP
D	SATURATED ROOFING FELT (ASPHALT)	38401M				SQ M	SAT ROOFING FT ASP
D	SATURATED ROOFING FELT (COAL-TAR)	38402				SQFT	SAT ROOFING FT C-T
D	SATURATED ROOFING FELT (COAL-TAR)	38402M				SQ M	SAT ROOFING FT C-T
D	SC BASE	11303				GAL	SC BASE
D	SC BASE	11303M				LITER	SC BASE
D	SC DILUENT	11403				GAL	SC DILUENT
D	SC DILUENT	11403M				LITER	SC DILUENT
D	SCREW CAP, ASTM F835	67659	14	12		PC	SCREW CAP F835
D	SCREW CAP, ASTM F835M	67659M	14	12		EA	SCREW CAP F835M
D	SCREW, LAG, GALVANIZED	67630	14			PC	SCREW LAG
D	SCREW, LAG, GALVANIZED	67630M	14			EA	SCREW LAG
	SCUPPERS, DRAINAGE, CAST IRON	21003				EA	SCUPPER DRAIN CASTIR
	SCUPPERS, DRAINAGE, CAST IRON	21003M				EA	SCUPPER DRAIN CASTIR
	SCUPPERS, DRAINAGE, GALV	68602	14			EA	SCUPPER DRAIN GALV
	SCUPPERS, DRAINAGE, GALV	68602M	14			EA	SCUPPER DRAIN GALV
D	SEALANT, POLYURETHANE, SYSTEM III	38901				GAL	SEALANT POLYU SYIII

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SEDIMENT LOG, ROLLED EXCELSIOR	56228	14	12	13	EA	SEDMNT LOG RLD XCLSR
	SEDIMENT LOG, ROLLED EXCELSIOR	56228M	14	12	13	EA	SEDMNT LOG RLD XCLSR
D	SEED, ADELPHI KY BLUEGRASS	56433				LB	SEED ADELPHI BLUEGS
D	SEED, ADELPHI KY BLUEGRASS	56433M				KG	SEED ADELPHI BLUEGS
D	SEED, ALFALFA	56401				LB	SEED ALFALFA
D	SEED, ALFALFA	56401M				KG	SEED ALFALFA
D	SEED, ALKALINE	56431				LB	SEED ALKALINE
D	SEED, ALKALINE	56431M				KG	SEED ALKALINE
D	SEED, APACHE TALL FESCUE	56461				LB	SEED APACHE TALL FES
D	SEED, APACHE TALL FESCUE	56461M				KG	SEED APACHE TALL FES
D	SEED, AQUILA BLUEGRASS	56445				LB	SEED AQUIL BLUEGRASS
D	SEED, AQUILA BLUEGRASS	56445M				KG	SEED AQUIL BLUEGRASS
D	SEED, ARBORETUM KY BLUEGRASS	56434				LB	SEED ARBORETUM BLGS
D	SEED, ARBORETUM KY BLUEGRASS	56434M				KG	SEED ARBORETUM BLGS
D	SEED, BARON KY BLUEGRASS	56435				LB	SEED BARON BLUEGRASS
D	SEED, BARON KY BLUEGRASS	56435M				KG	SEED BARON BLUEGRASS
D	SEED, BIG BLUE STEM	56426				LB	SEED BIG BLUE STEM
D	SEED, BIG BLUE STEM	56426M				KG	SEED BIG BLUE STEM
D	SEED, BIRDSFOOT TREFOIL	56432				LB	SEED BIRDSFT TREFOIL
D	SEED, BIRDSFOOT TREFOIL	56432M				KG	SEED BIRDSFT TREFOIL
D	SEED, BLUE GRAMA	56451				LB	SEED BLUE GRAMA
D	SEED, BLUE GRAMA	56451M				KG	SEED BLUE GRAMA
D	SEED, BROME GRASS	56402				LB	SEED BROME GRASS
D	SEED, BROME GRASS	56402M				KG	SEED BROME GRASS

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SEED, BUFFALO GRASS	56460				LB	SEED BUFFALO GRASS
D	SEED, BUFFALO GRASS	56460M				KG	SEED BUFFALO GRASS
D	SEED, CANADIAN WILD RYE	56472				LB	SEED CANADIAN WLDRYE
D	SEED, CANADIAN WILD RYE	56472M				KG	SEED CANADIAN WLDRYE
D	SEED, CAREFREE TALL FESCUE	56470				LB	SEED CAREFREE TLFESC
D	SEED, CAREFREE TALL FESCUE	56470M				KG	SEED CAREFREE TLFESC
D	SEED, CLOVER, ALSIKE	56403				LB	SEED CLOVER ALSIKE
D	SEED, CLOVER, ALSIKE	56403M				KG	SEED CLOVER ALSIKE
D	SEED, CLOVER, CRIMSON	56404				LB	SEED CLOVER CRIMSON
D	SEED, CLOVER, CRIMSON	56404M				KG	SEED CLOVER CRIMSON
D	SEED, CLOVER, LADINO	56405				LB	SEED CLOVER LADINO
D	SEED, CLOVER, LADINO	56405M				KG	SEED CLOVER LADINO
D	SEED, CLOVER, RED	56406				LB	SEED CLOVER RED
D	SEED, CLOVER, RED	56406M				KG	SEED CLOVER RED
D	SEED, CLOVER, WHITE DUTCH	56407				LB	SEED CLOVER WH DUTCH
D	SEED, CLOVER, WHITE DUTCH	56407M				KG	SEED CLOVER WH DUTCH
D	SEED, CREEPING RED FESCUE, DURA HARD	56442				LB	SEED FESC DURA HARD
D	SEED, CREEPING RED FESCUE, DURA HARD	56442M				KG	SEED FESC DURA HARD
D	SEED, CREEPING, REDFESCUE, PENN LAWN	56443				LB	SEED FESC PENNLAWN
D	SEED, CREEPING, REDFESCUE, PENN LAWN	56443M				KG	SEED FESC PENNLAWN
D	SEED, DAWSON RED FESCUE	56449				LB	SEED FESC DAWSON RED
D	SEED, DAWSON RED FESCUE	56449M				KG	SEED FESC DAWSON RED
D	SEED, DELRAY PERENNIAL RYEGRASS	56455				LB	SEED DELRAY PERYE
D	SEED, DELRAY PERENNIAL RYEGRASS	56455M				KG	SEED DELRAY PERYE

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D SEED,	DELTA KY BLUEGRASS	56436				LB	SEED DELTA BLUEGRASS
D SEED,	DELTA KY BLUEGRASS	56436M				KG	SEED DELTA BLUEGRASS
D SEED,	FALCON FESCUE	56467				LB	SEED FALCON FESCUE
D SEED,	FALCON FESCUE	56467M				KG	SEED FALCON FESCUE
D SEED,	FAWN TALL FESCUE	56454				LB	SEED FAWN TALL FESCU
D SEED,	FAWN TALL FESCUE	56454M				KG	SEED FAWN TALL FESCU
D SEED,	FESCUE, ADVENTURE	56447				LB	SEED FESC ADVENTURE
D SEED,	FESCUE, ADVENTURE	56447M				KG	SEED FESC ADVENTURE
D SEED,	FESCUE, ALTA OR KY. 31	56408				LB	SEED FESC ALTA KY31
D SEED,	FESCUE, ALTA OR KY. 31	56408M				KG	SEED FESC ALTA KY31
D SEED,	FESCUE, CREEPING RED	56409				LB	SEED FESC CREEPINGRD
D SEED,	FESCUE, CREEPING RED	56409M				KG	SEED FESC CREEPINGRD
D SEED,	FESCUE, JAGUAR	56448				LB	SEED FESC JAGUAR
D SEED,	FESCUE, JAGUAR	56448M				KG	SEED FESC JAGUAR
D SEED,	FULTS PUCCINELLIA	56446				LB	SEED FULTS PUCINELIA
D SEED,	FULTS PUCCINELLIA	56446M				KG	SEED FULTS PUCINELIA
D SEED,	GALWAY TALL FESCUE	56452				LB	SEED GALWAY T-FESCUE
D SEED,	GALWAY TALL FESCUE	56452M				KG	SEED GALWAY T-FESCUE
D SEED,	GOOD-EN, TURF TYPE TALL FESCUE	56474				LB	SEED GOOD-EN TALLFES
D SEED,	GOOD-EN, TURF TYPE TALL FESCUE	56474M				KG	SEED GOOD-EN TALLFES
D SEED,	HUNTSVILLE KY BLUEGRASS	56471				LB	SEED HNTSVL KY BLUGS
D SEED,	HUNTSVILLE KY BLUEGRASS	56471M				KG	SEED HNTSVL KY BLUGS
D SEED,	ILLINOIS BUNDLEFLOWER	56477				LB	SEED IL BUNDLEFLOWER
D SEED,	ILLINOIS BUNDLEFLOWER	56477M				KG	SEED IL BUNDLEFLOWER

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D SEED,	INDIAN GRASS	56429				LB	SEED INDIAN GRASS
D SEED,	INDIAN GRASS	56429M				KG	SEED INDIAN GRASS
D SEED,	JUNE GRASS	56466				LB	SEED JUNE GRASS
D SEED,	JUNE GRASS	56466M				KG	SEED JUNE GRASS
D SEED,	KENTUCKY BLUEGRASS	56410				LB	SEED KENT BLUEGRASS
D SEED,	KENTUCKY BLUEGRASS	56410M				KG	SEED KENT BLUEGRASS
D SEED,	LEPRECHAUN FESCUE	56473				LB	SEED LEPRECHAUN FSCU
D SEED,	LEPRECHAUN FESCUE	56473M				KG	SEED LEPRECHAUN FSCU
D SEED,	LESPEDEZA KOREAN	56411				LB	SEED LESPED KOREAN
D SEED,	LESPEDEZA KOREAN	56411M				KG	SEED LESPED KOREAN
D SEED,	LESPEDEZA SERICEA	56458				LB	SEED LESPED SERICEA
D SEED,	LESPEDEZA SERICEA	56458M				KG	SEED LESPED SERICEA
D SEED,	LITTLE BLUE STEM	56427				LB	SEED LITTLE BLUESTEM
D SEED,	LITTLE BLUE STEM	56427M				KG	SEED LITTLE BLUESTEM
D SEED,	MAJESTIC KY BLUEGRASS	56437				LB	SEED MAJESTIC BLUEGS
D SEED,	MAJESTIC KY BLUEGRASS	56437M				KG	SEED MAJESTIC BLUEGS
D SEED,	MANHATTAN PERENNIAL RYEGRASS	56439				LB	SEED MANHATTAN PERYE
D SEED,	MANHATTAN PERENNIAL RYEGRASS	56439M				KG	SEED MANHATTAN PERYE
D SEED,	MILLET, GERMAN FOXTAIL	56412				LB	SEED MILLET GF
D SEED,	MILLET, GERMAN FOXTAIL	56412M				KG	SEED MILLET GF
D SEED,	MUSTANG, TURF TYPE TALL FESCUE	56457				LB	SEED MUSTANG TALLFES
D SEED,	MUSTANG, TURF TYPE TALL FESCUE	56457M				KG	SEED MUSTANG TALLFES
D SEED,	OATS	56413				LB	SEED OATS
D SEED,	OATS	56413M				KG	SEED OATS

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SEED, ORCHARD GRASS	56414				LB	SEED ORCHARD GRASS
D	SEED, ORCHARD GRASS	56414M				KG	SEED ORCHARD GRASS
D	SEED, PARADE KY BLUEGRASS	56456				LB	SEED PARADE KY BLGS
D	SEED, PARADE KY BLUEGRASS	56456M				KG	SEED PARADE KY BLGS
D	SEED, PARK KY BLUEGRASS	56438				LB	SEED PARK BLUEGRASS
D	SEED, PARK KY BLUEGRASS	56438M				KG	SEED PARK BLUEGRASS
D	SEED, PENNFINE PERENNIAL RYEGRASS	56440				LB	SEED PENNFINE PEREYE
D	SEED, PENNFINE PERENNIAL RYEGRASS	56440M				KG	SEED PENNFINE PEREYE
D	SEED, PRAIRIE DROPSEED	56465				LB	SEED PRAIRIE DROPSEE
D	SEED, PRAIRIE DROPSEED	56465M				KG	SEED PRAIRIE DROPSEE
D	SEED, PRAIRIE FORBES	56462				LB	SEED PRAIRIE FORBS
D	SEED, PRAIRIE FORBES	56462M				KG	SEED PRAIRIE FORBS
D	SEED, PRAIRIE WILD RYE	56444				LB	SEED PRIRIE WILD RYE
D	SEED, PRAIRIE WILD RYE	56444M				KG	SEED PRIRIE WILD RYE
D	SEED, REDTOP SOLID	56415				LB	SEED REDTOP SOLID
D	SEED, REDTOP SOLID	56415M				KG	SEED REDTOP SOLID
D	SEED, REED CANARY GRASS	56416				LB	SEED REED CANARY GS
D	SEED, REED CANARY GRASS	56416M				KG	SEED REED CANARY GS
D	SEED, REGAL PERENNIAL RYEGRASS	56441				LB	SEED REGAL PERERYE
D	SEED, REGAL PERENNIAL RYEGRASS	56441M				KG	SEED REGAL PERERYE
D	SEED, RESCUE GRASS	56463				LB	SEED RESCUE GRASS
D	SEED, RESCUE GRASS	56463M				KG	SEED RESCUE GRASS
D	SEED, RUGBY KY BLUEGRASS	56468				LB	SEED RUGBY BLUEGRASS
D	SEED, RUGBY KY BLUEGRASS	56468M				KG	SEED RUGBY BLUEGRASS

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SEED, RUSSIAN WILD RYE	56459				LB	SEED RUSSIAN WILDRYE
D	SEED, RUSSIAN WILD RYE	56459M				KG	SEED RUSSIAN WILDRYE
D	SEED, RYE, GRAIN, WINTER	56419				LB	SEED RYEGRAIN WINTER
D	SEED, RYE, GRAIN, WINTER	56419M				KG	SEED RYEGRAIN WINTER
D	SEED, RYEGRASS, ANNUAL	56417				LB	SEED RYEGRASS ANNUAL
D	SEED, RYEGRASS, ANNUAL	56417M				KG	SEED RYEGRASS ANNUAL
D	SEED, RYEGRASS, COMMON OR PERENNIAL	56418				LB	SEED RYEGRASS C OR P
D	SEED, RYEGRASS, COMMON OR PERENNIAL	56418M				KG	SEED RYEGRASS C OR P
D	SEED, SAND DROPSEED	56464				LB	SEED SAND DROPSEED
D	SEED, SAND DROPSEED	56464M				KG	SEED SAND DROPSEED
D	SEED, SAND LOVE GRASS	56453				LB	SEED SAND LOVE GRASS
D	SEED, SAND LOVE GRASS	56453M				KG	SEED SAND LOVE GRASS
D	SEED, SCALDIS HARD FESCUE	56450				LB	SEED FESC SCALDIS HD
D	SEED, SCALDIS HARD FESCUE	56450M				KG	SEED FESC SCALDIS HD
D	SEED, SIDE OATS GRAMA	56428				LB	SEED SIDE OATS GRAMA
D	SEED, SIDE OATS GRAMA	56428M				KG	SEED SIDE OATS GRAMA
D	SEED, SLENDER WHEAT GRASS	56478				LB	SEED SLEND WHEAT GRS
D	SEED, SLENDER WHEAT GRASS	56478M				KG	SEED SLEND WHEAT GRS
	SEED, SPECIAL	56499	22			LB	SEED SPECIAL
	SEED, SPECIAL	56499M	22			KG	SEED SPECIAL
D	SEED, SWITCHGRASS	56430				LB	SEED SWITCHGRASS
D	SEED, SWITCHGRASS	56430M				KG	SEED SWITCHGRASS
D	SEED, TIMOTHY	56420				LB	SEED TIMOTHY
D	SEED, TIMOTHY	56420M				KG	SEED TIMOTHY

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SEED, TUFFY TALL FESCUE	56475				LB	SEED TUFFY TALLFES
D	SEED, TUFFY TALL FESCUE	56475M				KG	SEED TUFFY TALLFES
D	SEED, VETCH, CROWN	56421				LB	SEED VETCH CROWN
D	SEED, VETCH, CROWN	56421M				KG	SEED VETCH CROWN
D	SEED, VETCH, SPRING	56422				LB	SEED VETCH SPRING
D	SEED, VETCH, SPRING	56422M				KG	SEED VETCH SPRING
D	SEED, VETCH, WINTER	56423				LB	SEED VETCH WINTER
D	SEED, VETCH, WINTER	56423M				KG	SEED VETCH WINTER
D	SEED, VIRGINIA WILD RYE	56476				LB	SEED VIRGINIA WLDRYE
D	SEED, VIRGINIA WILD RYE	56476M				KG	SEED VIRGINIA WLDRYE
D	SEED, WABASH KY BLUEGRASS	56469				LB	SEED WABASH BLGRASS
D	SEED, WABASH KY BLUEGRASS	56469M				KG	SEED WABASH BLGRASS
D	SEED, WHEAT, HARD RED WINTER	56424				LB	SEED WHEAT HRW
D	SEED, WHEAT, HARD RED WINTER	56424M				KG	SEED WHEAT HRW
D	SEED, WHEAT, SPRING	56425				LB	SEED WHEAT SPRING
D	SEED, WHEAT, SPRING	56425M				KG	SEED WHEAT SPRING
	SEEDING, AERO MIXTURE	56752				ACRE	SEEDING AERO MIX
	SEEDING, AERO MIXTURE	56752M				HA	SEEDING AERO MIX
	SEEDING, CLASS 1	56701	71			ACRE	SEEDING CLASS 1
	SEEDING, CLASS 1	56701M	71			HA	SEEDING CLASS 1
	SEEDING, CLASS 1A	56702	71			ACRE	SEEDING CLASS 1A
	SEEDING, CLASS 1A	56702M	71			HA	SEEDING CLASS 1A
	SEEDING, CLASS 1B	56703	71			ACRE	SEEDING CLASS 1B
	SEEDING, CLASS 1B	56703M	71			HA	SEEDING CLASS 1B

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SEEDING, CLASS 2	56704	71			ACRE	SEEDING CLASS 2
	SEEDING, CLASS 2	56704M	71			HA	SEEDING CLASS 2
	SEEDING, CLASS 2A	56705	71			ACRE	SEEDING CLASS 2A
	SEEDING, CLASS 2A	56705M	71			HA	SEEDING CLASS 2A
	SEEDING, CLASS 3	56706	71			ACRE	SEEDING CLASS 3
	SEEDING, CLASS 3	56706M	71			HA	SEEDING CLASS 3
	SEEDING, CLASS 3A	56716	71			ACRE	SEEDING CLASS 3A
	SEEDING, CLASS 3A	56716M	71			HA	SEEDING CLASS 3A
	SEEDING, CLASS 4	56707	71			ACRE	SEEDING CLASS 4
	SEEDING, CLASS 4	56707M	71			HA	SEEDING CLASS 4
	SEEDING, CLASS 4A	56708	71			ACRE	SEEDING CLASS 4A
	SEEDING, CLASS 4A	56708M	71			HA	SEEDING CLASS 4A
	SEEDING, CLASS 4B	56709	71			ACRE	SEEDING CLASS 4B
	SEEDING, CLASS 4B	56709M	71			HA	SEEDING CLASS 4B
	SEEDING, CLASS 5	56710	71			ACRE	SEEDING CLASS 5
	SEEDING, CLASS 5	56710M	71			HA	SEEDING CLASS 5
	SEEDING, CLASS 5A	56711	71			ACRE	SEEDING CLASS 5A
	SEEDING, CLASS 5A	56711M	71			HA	SEEDING CLASS 5A
	SEEDING, CLASS 5B	56712	71			ACRE	SEEDING CLASS 5B
	SEEDING, CLASS 5B	56712M	71			HA	SEEDING CLASS 5B
	SEEDING, CLASS 5C	56717	71			ACRE	SEEDING CLASS 5C
	SEEDING, CLASS 5C	56717M	71			HA	SEEDING CLASS 5C
	SEEDING, CLASS 6	56713	71			ACRE	SEEDING CLASS 6
	SEEDING, CLASS 6	56713M	71			HA	SEEDING CLASS 6

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SEEDING, CLASS 6A	56714	71			ACRE	SEEDING CLASS 6A
D	SEEDING, CLASS 6A	56714M	71			HA	SEEDING CLASS 6A
	SEEDING, CLASS 7	56715	71			ACRE	SEEDING CLASS 7
	SEEDING, CLASS 7	56715M	71			HA	SEEDING CLASS 7
	SEEDING, MIXTURE SPECIAL	56751				ACRE	SEEDING MIX SPECIAL
	SEEDING, MIXTURE SPECIAL	56751M				HA	SEEDING MIX SPECIAL
D	SEISMIC ISOLATION BEARING ASSEMBLY	70311				EA	SEISMIC ISOL BEARING
D	SEISMIC ISOLATION BEARING ASSEMBLY	70311M				EA	SEISMIC ISOL BEARING
D	SHAPE ANGLES AASHTO M-161	65401	52	16	12	LB	SHAPE ANGLE M161
D	SHAPE ANGLES AASHTO M-183	65402	52	16	12	LB	SHAPE ANGLE M183
D	SHAPE ANGLES AASHTO M-187	65403	52	16	12	LB	SHAPE ANGLE M187
D	SHAPE ANGLES AASHTO M-188	65404	52	16	12	LB	SHAPE ANGLE M188
D	SHAPE ANGLES AASHTO M-222	65405	52	16	12	LB	SHAPE ANGLE M222
D	SHAPE ANGLES AASHTO M-223 42	6540642	52	16	12	LB	SHAPE ANGLE M223 42
D	SHAPE ANGLES AASHTO M-223 45	6540645	52	16	12	LB	SHAPE ANGLE M223 45
D	SHAPE ANGLES AASHTO M-223 50	6540650	52	16	12	LB	SHAPE ANGLE M223 50
D	SHAPE ANGLES AASHTO M-223 55	6540655	52	16	12	LB	SHAPE ANGLE M223 55
D	SHAPE ANGLES AASHTO M-223 60	6540660	52	16	12	LB	SHAPE ANGLE M223 60
D	SHAPE ANGLES AASHTO M-223 65	6540665	52	16	12	LB	SHAPE ANGLE M223 65
	SHAPE ANGLES AASHTO M-270M690	65410M690	52	16	12	KG	SHAPE ANGLE M270M690
D	SHAPE ANGLES AASHTO M183M	65402M	52	16	12	KG	SHAPE ANGLE M183M
D	SHAPE ANGLES AASHTO M222M	65405M	52	16	12	KG	SHAPE ANGLE M222M
D	SHAPE ANGLES AASHTO M223M290	65406M290	52	16	12	KG	SHAPE ANGLE M223M290
D	SHAPE ANGLES AASHTO M223M345	65406M345	52	16	12	KG	SHAPE ANGLE M223M345

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SHAPE ANGLES AASHTO M223M415	65406M415	52	16	12	KG	SHAPE ANGLE M223M415
D	SHAPE ANGLES AASHTO M223M450	65406M450	52	16	12	KG	SHAPE ANGLE M223M450
D	SHAPE ANGLES AASHTO M244	65409				LB	SHAPE ANGLE M244
D	SHAPE ANGLES AASHTO M244M	65409M				KG	SHAPE ANGLE M244M
D	SHAPE ANGLES AASHTO M270M250	65410M250	52	16	12	KG	SHAPE ANGLE M270M250
	SHAPE ANGLES AASHTO M270M345	65410M345	52	16	12	KG	SHAPE ANGLE M270M345
	SHAPE ANGLES AASHTO M270M345W	65410M341	52	16	12	KG	SHAPE ANGL M270M345W
	SHAPE ANGLES AASHTO M270M485	65410M485	52	16	12	KG	SHAPE ANGLE M270M485
	SHAPE ANGLES AASHTO M270M485W	65410M481	52	16	12	KG	SHAPE ANGL M270M485W
	SHAPE ANGLES AASHTO M270M690W	65410M691	52	16	12	KG	SHAPE ANGL M270M690W
D	SHAPE ANGLES ASTM A242M	65401M	52	16	12	KG	SHAPE ANGLE A242M
	SHAPE ANGLES GRADE 100	65410100	52	16	12	LB	SHAPE ANGLES GR 100
	SHAPE ANGLES GRADE 100W	654101001	52	16	12	LB	SHAPE ANGLES GR 100
	SHAPE ANGLES GRADE 36	6541036	52	16	12	LB	SHAPE ANGLES GR 36
	SHAPE ANGLES GRADE 50	6541050	52	16	12	LB	SHAPE ANGLES GR 50
	SHAPE ANGLES GRADE 50W	65410501	52	16	12	LB	SHAPE ANGLES GR 50W
	SHAPE ANGLES GRADE 70	6541070	52	16	12	LB	SHAPE ANGLES GR 70
	SHAPE ANGLES GRADE 70W	65410701	52	16	12	LB	SHAPE ANGLES GR 70W
D	SHAPE, AASHTO M-161	65301	40,15	24	12	LB	SHAPE AASHTO M161
D	SHAPE, AASHTO M-183	65302	40,15	24	12	LB	SHAPE AASHTO M183
D	SHAPE, AASHTO M-187	65303	40,15	24	12	LB	SHAPE AASHTO M187
D	SHAPE, AASHTO M-188	65304	40,15	24	12	LB	SHAPE AASHTO M188
D	SHAPE, AASHTO M-222	65305	40,15	24	12	LB	SHAPE AASHTO M222
D	SHAPE, AASHTO M-223 42	6530642	40,15	24	12	LB	SHAPE AASHTO M223 42

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SHAPE, AASHTO M-223 45	6530645	40,15	24	12	LB	SHAPE AASHTO M223 45
D	SHAPE, AASHTO M-223 50	6530650	40,15	24	12	LB	SHAPE AASHTO M223 50
D	SHAPE, AASHTO M-223 55	6530655	40,15	24	12	LB	SHAPE AASHTO M223 55
D	SHAPE, AASHTO M-223 60	6530660	40,15	24	12	LB	SHAPE AASHTO M223 60
D	SHAPE, AASHTO M-223 65	6530665	40,15	24	12	LB	SHAPE AASHTO M223 65
D	SHAPE, AASHTO M183M	65302M	40,15	24	12	KG	SHAPE AASHTO M183M
D	SHAPE, AASHTO M222M	65305M	40,15	24	12	KG	SHAPE AASHTO M222M
D	SHAPE, AASHTO M223M290	65306M290	40,15	24	12	KG	SHAPE AASHO M223M290
D	SHAPE, AASHTO M223M345	65306M345	40,15	24	12	KG	SHAPE AASHO M223M345
D	SHAPE, AASHTO M223M415	65306M415	40,15	24	12	KG	SHAPE AASHO M223M415
D	SHAPE, AASHTO M223M450	65306M450	40,15	24	12	KG	SHAPE AASHO M223M450
	SHAPE, AASHTO M270M250	65307M250	40,15	24	12	KG	SHAPE M270M250
	SHAPE, AASHTO M270M345	65307M345	40,15	24	12	KG	SHAPE M270M345
	SHAPE, AASHTO M270M345W	65307M341	40,15	24	12	KG	SHAPE M270M345W
D	SHAPE, AASHTO M270M485	65307M485	40,15	24	12	KG	SHAPE M270M485
	SHAPE, AASHTO M270M485W	65307M481	40,15	24	12	KG	SHAPE M270M485W
	SHAPE, AASHTO M270M690	65307M100	15	24	12	KG	SHAPE M270M690
	SHAPE, AASHTO M270M690W	65307M691	40,15	24	12	KG	SHAPE M270M690W
D	SHAPE, ASTM A242M	65301M	40,15	24	12	KG	SHAPE ASTM A242M
	SHAPE, GRADE 100	65307100	15	24	12	LB	SHAPE GRADE 100
	SHAPE, GRADE 100W	653071001	15	24	12	LB	SHAPE GRADE 100W
	SHAPE, GRADE 36	6530736	15	24	12	LB	SHAPE GRADE 36
	SHAPE, GRADE 50	6530750	15	24	12	LB	SHAPE GRADE 50
	SHAPE, GRADE 50W	65307501	15	24	12	LB	SHAPE GRADE 50W

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SHAPE, GRADE 70	6530770	15	24	12	LB	SHAPE GRADE 70
	SHAPE, GRADE 70W	65307701	15	24	12	LB	SHAPE GRADE 70W
D	SHAPE,ANGLES ASTM A529 GRADE 50	65412M50	52	16	12	KG	SHAPE ANGLE A529 50
D	SHAPE,ANGLES ASTM A529 GRADE 50	6541250	52	16	12	LB	SHAPE ANGLE A529 50
D	SHAPE,ASTM A529 GRADE 50	65308M50	40,15	24	12	KG	SHAPE A529 50
D	SHAPE,ASTM A529 GRADE 50	6530850	40,15	24	12	LB	SHAPE A529 50
D	SHEET ALUMINUM, ASTM B 209, ALLOY 3003-H14	60109	16	13X12/14		SQFT	SHEET AL 209A3003H14
D	SHEET ALUMINUM, ASTM B 209, ALLOY 5052-H36	60108	16	13X12		SQFT	SHEET AL 209A5052H36
	SHEET ALUMINUM, ASTM B 209, ALLOY 5052-H38	60106	16	89		SQFT	SHEET AL 209A5052H38
D	SHEET ALUMINUM, ASTM B 209M, ALLOY 3003-H14	60109M	16	13X12/14		SQ M	SHEET AL 209M3003H14
D	SHEET ALUMINUM, ASTM B 209M, ALLOY 5052-H36	60108M	16	13X12		SQ M	SHEET AL 209M5052H36
	SHEET ALUMINUM, ASTM B 209M, ALLOY 5052-H38	60106M	16	89		SQ M	SHEET AL 209M5052H38
D	SHEET ALUMINUM, ASTM B 744, ALLOW 3004-H32	60111M	16	13X12		SQ M	SHEET AL 744A3004H32
D	SHEET ALUMINUM, ASTM B 744, ALLOY 3004-H32	60111	16	13X12		SQFT	SHEET AL 744A3004H32
	SHEET, ALUMINUM (FL, C OR CORR. CUT LENGTHS)	52101		16		N/A	SHEETS AL
	SHEET, ALUMINUM (FL, C OR CORR. CUT LENGTHS)	52101M		16		NA	SHEETS AL
D	SHEET, ALUMINUM, ASTM B 209, ALLOY 5086-H36	60102	16	13X12		SQFT	SHEET AL 209A5086H36
	SHEET, ALUMINUM, ASTM B 209,ALLOY 6061-T6	60101	16	89		SQFT	SHEET AL 209A6061-T6
D	SHEET, ALUMINUM, ASTM B 209M, ALLOY 5086-H36	60102M	16	13X12		SQ M	SHEET AL 209M5086H36
	SHEET, ALUMINUM, ASTM B 209M, ALLOY 6061-T6	60101M	16	89		SQ M	SHEET AL 209M6061-T6
D	SHEET, COPPER	77904				SQFT	SHEET COPPER
D	SHEET, COPPER	77904M				SQ M	SHEET COPPER
	SHEET, PC GALV. STEEL TYPE B (FL,C OR CORR CUT LENGTHS)	45102		16		N/A	SHEETS PRCT GALV TYB
	SHEET, PC GALV. STEEL TYPE B (FL,C OR CORR CUT LENGTHS)	45102M		16		NA	SHEETS PRCT GALV TYB

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SHEET, STAINLESS STEEL	68604		16		SQFT	SHEET STAINLESS STL
	SHEET, STAINLESS STEEL	68604M		16		SQ M	SHEET STAINLESS STL
D	SHEET, STEEL, UNCOATED	68608	16	13	12	LB	SHEET STEEL UNCOATED
D	SHEET, STEEL, UNCOATED	68608M	16	13	12	KG	SHEET STEEL UNCOATED
	SHEET, ZINC COATED IRON OR STEEL (FL,C OR CORR CUT LENGTHS)	45101		16		N/A	SHEETS ZNCT IRSTL
	SHEET, ZINC COATED IRON OR STEEL (FL,C OR CORR CUT LENGTHS)	45101M		16		NA	SHEETS ZNCT IRSTL
	SHEET,ALUMINUM COATED(TYPE 2)STEEL(FL,C OR CORR CUT LENGTHS)	45103		16		N/A	SHEETS ALCT TY2 ST
	SHEET,ALUMINUM COATED(TYPE 2)STEEL(FL,C OR CORR CUT LENGTHS)	45103M		16		NA	SHEETS ALCT TY2 ST
D	SHEETING, NONREFLECTIVE	60301	37		32	SQFT	SHEETING NONREFLEC
D	SHEETING, NONREFLECTIVE	60301M	37		32	SQ M	SHEETING NONREFLEC
	SHEETING, REFLECTIVE	60201	37	35		SQFT	SHEETING REFLECTIVE
	SHEETING, REFLECTIVE	60201M	37	35		SQ M	SHEETING REFLECTIVE
	SHIELD, RODENT	78506				EA	SHIELD RODENT
	SHIELD, RODENT	78506M				EA	SHIELD RODENT
	SHOE, STANDARD END	55108				EA	SHOE STANDARD END
	SHOE, STANDARD END	55108M				EA	SHOE STANDARD END
	SHOES, PILE	68007	16	87		PC	SHOES PILE
	SHOES, PILE	68007M	16	87		EA	SHOES PILE
	SHOTCRETE, HIGH PERFORMANCE	21624				SQFT	SHOTCRETE HIGH PERF
	SHOTCRETE, HIGH PERFORMANCE	21624M				SQ M	SHOTCRETE HIGH PERF
D	SHOTCRETE, TEMPORARY SOIL NAIL WALL FACING	21631				SQFT	SHOTCRETE TEMP SL NL
D	SHOTCRETE, TEMPORARY SOIL NAIL WALL FACING	21631M				SQ M	SHOTCRETE TEMP SL NL
	SHRUB, DECIDUOUS, ALL TYPES	56504	22			EA	SHRUB
	SHRUB, DECIDUOUS, ALL TYPES	56504M	22			EA	SHRUB

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SHRUB, SEEDLING	56505	22			EA	SHRUB SEEDLING
	SHRUB, SEEDLING G	56505M	22			EA	SHRUB SEEDLING G
D	SIGN BLANKS, ASTM B 209 ALLOY 5052-H36	60105	16	13X12/14		EA	SIGN BLANK 5052-H36
D	SIGN BLANKS, ASTM B 209 ALLOY 5052-H38	60107	16	13X12/14		EA	SIGN BLANK 5052-H38
D	SIGN BLANKS, ASTM B 209 ALLOY 5086-H36	60104	16	13X12/14		EA	SIGN BLANK 5086-H36
D	SIGN BLANKS, ASTM B 209 ALLOY 6061-T6	60103	16	13X12/14		EA	SIGN BLANK 6061-T6
D	SIGN BLANKS, ASTM B 209M ALLOY 5052-H36	60105M	16	13X12/14		EA	SIGN BLANK 5052-H36
D	SIGN BLANKS, ASTM B 209M ALLOY 5052-H38	60107M	16	13X12/14		EA	SIGN BLANK 5052-H38
D	SIGN BLANKS, ASTM B 209M ALLOY 5086-H36	60104M	16	13X12/14		EA	SIGN BLANK 5086-H36
D	SIGN BLANKS, ASTM B 209M ALLOY 6061-T6	60103M	16	13X12/14		EA	SIGN BLANK 6061-T6
	SIGN PANELS, COMPLETE	61302	22			SQFT	SIGN PANELS COMPLETE
	SIGN PANELS, COMPLETE	61302M	22			SQ M	SIGN PANELS COMPLETE
D	SIGN STRIPPER	42901				GAL	SIGN STRIPPER
D	SIGN STRIPPER	42901M				LITER	SIGN STRIPPER
	SIGN, LIGHTED, TAXI, GUIDANCE (AERO)	33702				EA	SIGN LIGHT TAXI GUID
	SIGN, STANDARD-SPECIAL	61301	22			EA	SIGN STANDARD-SPEC
	SIGN, STANDARD-SPECIAL	61301M	22			EA	SIGN STANDARD-SPEC
D	SIGNING COMPONENTS	61332	22			EA	SIGNING COMPONENTS
D	SIGNING COMPONENTS	61332M	22			EA	SIGNING COMPONENTS
D	SIGNING LEGEND-BORDERS	61305	22			LINFT	SIGN LEGEND BORDER
D	SIGNING LEGEND-BORDERS	61305M	22			METER	SIGN LEGEND BORDER
D	SIGNING LEGEND, LETTERS, NUMERAL, SYMBOLS, ETC.	61304	22			EA	SIGN LEGEND LNS ETC
D	SIGNING LEGEND, LETTERS, NUMERAL, SYMBOLS, ETC.	61304M	22			EA	SIGN LEGEND LNS ETC
	SLAB, APPROACH, PRECAST CONCRETE	25508	11	19	7	SQFT	SLAB APPROACH PRCONC

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SLAB, APPROACH, PRECAST CONCRETE	25508M	11	19	7	SQ M	SLAB APPROACH PRCONC
D	SLAB, APPROACH, PRESTRESS CONCRETE	27802	11	19	7	SQFT	SLAB APPROACH PPONC
D	SLAB, APPROACH, PRESTRESS CONCRETE	27802M	11	19	7	SQ M	SLAB APPROACH PPONC
D	SLAB, HOLLOW CORE, PRECAST PRESTRESSED CONCRETE	27804	11	19	13	SQFT	SLAB HLOCR PPONC
D	SLAB, HOLLOW CORE, PRECAST PRESTRESSED CONCRETE	27804M	11	19	13	SQ M	SLAB HLOCR PPONC
	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 100	37821				CWT	SLAG GGBF GR 100
	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 100	37821M				M TON	SLAG GGBF GR 100
	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 120	37822				CWT	SLAG GGBF GR 120
	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 120	37822M				M TON	SLAG GGBF GR 120
D	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 80	37820				CWT	SLAG GGBF GR80
D	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 80	37820M				M TON	SLAG GGBF GR80
D	SLAT, PRIVACY, CHAIN LINK FENCE, GALV., STEEL	58610				LINFT	SLAT PRIVACY GSTCHLF
D	SLAT, PRIVACY, CHAIN LINK FENCE, GALV., STEEL	58610M				METER	SLAT PRIVACY GSTCHLF
D	SLAT, PRIVACY, CHAIN LINK FENCE, PLASTIC	58613				SQFT	SLAT PRIVACY PLACHLF
D	SLAT, PRIVACY, CHAIN LINK FENCE, PLASTIC	58613M				SQ M	SLAT PRIVACY PLACHLF
D	SLAT, PRIVACY, CHAIN LINK FENCE, WOOD	58611				LINFT	SLAT PRIVACY WDCHLF
D	SLAT, PRIVACY, CHAIN LINK FENCE, WOOD	58611M				METER	SLAT PRIVACY WDCHLF
	SLEEVE, JOINT MECHANICAL	51311	14	12		EA	SLEEVE JOINT MECH
	SLEEVE, JOINT MECHANICAL	51311M	14	12		EA	SLEEVE JOINT MECH
	SLOPE MATTRESS	68019	11			SQYD	SLOPE MATTRESS
	SLOPE MATTRESS	68019M	11			SQ M	SLOPE MATTRESS
	SOD	56302				SQYD	SOD
	SOD	56302M				SQ M	SOD
	SOD, SALT TOLERANT	56305				SQYD	SOD SALT TOLERANT

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SOD, SALT TOLERANT	56305M				SQ M	SOD SALT TOLERANT
	SODIUM CHLORIDE (ROCK SALT)	80402				TONS	SODIUM CHL (RS)
	SODIUM CHLORIDE (ROCK SALT)	80402M				M TON	SODIUM CHL (RS)
D	SOIL, SPECIAL CHLORIDE CONTENT	70900	62			EA	SOIL SP CHLORIDE
	SOIL, TOP	56303				CUYD	SOIL TOP
	SOIL, TOP	56303M				CU M	SOIL TOP
D	SOLVENT, ACRYLIC ENAMEL REDUCER	40715				GAL	SOLVENT ACRYL EN RE
D	SOLVENT, ACRYLIC ENAMEL REDUCER	40715M				LITER	SOLVENT ACRYL EN RE
D	SOLVENT, ALUMINUM EPOXY MASTIC THINNER	40716				GAL	SOLVENT ALEPOXMASTHN
D	SOLVENT, ALUMINUM EPOXY MASTIC THINNER	40716M				LITER	SOLVENT ALEPOXMASTHN
D	SOLVENT, BUTYL ALCOHOL, NORMAL (ASTM D304)	40705				GAL	SOLVENT BUALC NM
D	SOLVENT, INORGANIC ZINC PRIMER THINNER	40713				GAL	SOLVENT INORZNPRIETHN
D	SOLVENT, INORGANIC ZINC PRIMER THINNER	40713M				LITER	SOLVENT INORZNPRIETHN
D	SOLVENT, LACQUER THINNER	40714				GAL	SOLVENT LACQUER THIN
D	SOLVENT, LACQUER THINNER	40714M				LITER	SOLVENT LACQUER THIN
D	SOLVENT, METHYL ISOBUTYL KETONE	40711				GAL	SLVET METH ISOBUT KE
D	SOLVENT, METHYL ALCOHOL (ASTM D1152)	40706				GAL	SOLVENT METALC
D	SOLVENT, METHYL ALCOHOL (ASTM D1152)	40706M				LITER	SOLVENT METALC
D	SOLVENT, METHYL ETHYL KETONE	40708				GAL	SOLVENT MEK
D	SOLVENT, METHYL ETHYL KETONE	40708M				LITER	SOLVENT MEK
D	SOLVENT, NAPHTHA (ALIPHATIC) M123	40710				GAL	SOLVENT NAP ALI M123
D	SOLVENT, NAPHTHA (ALIPHATIC) M123	40710M				LITER	SOLVENT NAP ALI M123
D	SOLVENT, NAPHTHA (AROMATIC)	40709				GAL	SOLVENT NAP AROMA
D	SOLVENT, NAPHTHA (TT-N-95, TYPE I)	40707				GAL	SOLVENT NAP TYI

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SOLVENT, PETROLEUM SPIRITS (ASTM D235)	40701				GAL	SOLVENT PS
	SOLVENT, PETROLEUM SPIRITS (ASTM D235)	40701M				LITER	SOLVENT PS
D	SOLVENT, TOLUENE, INDUSTRIAL GRADE (ASTM D362)	40703				GAL	SOLVENT TOL INDG
D	SOLVENT, TOLUENE, INDUSTRIAL GRADE (ASTM D362)	40703M				LITER	SOLVENT TOL INDG
D	SOLVENT, TURPENTINE (ASTM D13, GUM SPIRITS)	40702				GAL	SOLVENT T GUM SPIRIT
D	SOLVENT, TURPENTINE (ASTM D13, GUM SPIRITS)	40702M				LITER	SOLVENT T GUM SPIRIT
D	SOLVENT, VINYL THINNER	40712				GAL	SOLVENT, VINYL THIN
D	SOLVENT, XYLENE, INDUSTRIAL GRADE (ASTM D364)	40704				GAL	SOLVENT X INDGR
D	SOLVENT, XYLENE, INDUSTRIAL GRADE (ASTM D364)	40704M				LITER	SOLVENT X INDGR
	SPECIAL LANDSCAPING	56510	22			EA	SPECIAL LANDSCAPING
	SPECIAL LANDSCAPING	56510M	22			EA	SPECIAL LANDSCAPING
D	SPIKE, TRACK, HIGH CARBON, AREA	68701	13	12		PC	SPIKE TRACK HC AREA
D	SPIKE, TRACK, HIGH CARBON, AREA	68701M	13	12		EA	SPIKE TRACK HC AREA
D	SPIRAL DUCT, GALV STEEL	68014	14			LINFT	SPIRAL DUCT GV ST
D	SPIRAL DUCT, GALV STEEL	68014M	14			METER	SPIRAL DUCT GV ST
	SPLASH BLOCK	25803				EA	SPLASH BLOCK
	SPLASH BLOCK	25803M				EA	SPLASH BLOCK
	SPLICE CANS, ELECTRICAL	33663				EA	SPLICE CANS ELEC
	SPLICE CANS, ELECTRICAL	33663M				EA	SPLICE CANS ELEC
D	SPLICER, FENCE	80905				EA	SPLICER, FENCE
D	SPLICER, FENCE	80905M				EA	SPLICER, FENCE
	SPLICES, PILE, STEEL	37101	14			EA	SPLICE PILE STEEL
	SPLICES, PILE, STEEL	37101M	14			EA	SPLICE PILE STEEL
	SPLICES, PILE, STEEL H	37102	15			EA	SPLICE PILE STEEL H

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SPLICES, PILE, STEEL H	37102M	15			EA	SPLICE PILE STEEL H
D	STABILIZER, EPICHLOROHYDRIN	41302				GAL	STABIL EPICHRORHYDRIN
D	STABILIZER, PROPYLENE OXIDE	41301				GAL	STABIL PROPYL OXIDE
D	STAIN, PICNIC TABLE (TT-S-708A)	40504				GAL	STAIN PICNIC TABLE
D	STAIN, PICNIC TABLE (TT-S-708A)	40504M				LITER	STAIN PICNIC TABLE
D	STAIN, REDWOOD (TT-S-708 COLOR 30117)	40503				GAL	STAIN REDWOOD
D	STAIN, REDWOOD (TT-S-708 COLOR 30117)	40503M				LITER	STAIN REDWOOD
D	STANDARD SIGNS, METAL, TYPE 1	61311	6	16		EA	STD SIGN METAL TY 1
D	STANDARD SIGNS, METAL, TYPE 1	61311M	6	16		EA	STD SIGN METAL TY 1
D	STANDARD SIGNS, METAL, TYPE 2	61312	6	16		EA	STD SIGN METAL TY 2
D	STANDARD SIGNS, METAL, TYPE 2	61312M	6	16		EA	STD SIGN METAL TY 2
D	STANDARD SIGNS, METAL, TYPE 3	61313	6	16		EA	STD SIGN METAL TY 3
D	STANDARD SIGNS, METAL, TYPE 3	61313M	6	16		EA	STD SIGN METAL TY 3
D	STANDARD SIGNS, PLYWOOD, TYPE 1	61308	6	16		EA	STD SIGN PLYWOOD TY1
D	STANDARD SIGNS, PLYWOOD, TYPE 1	61308M	6	16		EA	STD SIGN PLYWOOD TY1
D	STANDARD SIGNS, PLYWOOD, TYPE 2	61309	6	16		EA	STD SIGN PLYWOOD TY2
D	STANDARD SIGNS, PLYWOOD, TYPE 2	61309M	6	16		EA	STD SIGN PLYWOOD TY2
D	STANDARD SIGNS, PLYWOOD, TYPE 3	61310	6	16		EA	STD SIGN PLYWOOD TY3
D	STANDARD SIGNS, PLYWOOD, TYPE 3	61310M	6	16		EA	STD SIGN PLYWOOD TY3
D	STAPLES	56603				EA	STAPLES
D	STAPLES	56603M				EA	STAPLES
D	STAPLES, WOVEN WIRE FENCE	58602				EA	STABLES WWF
D	STAPLES, WOVEN WIRE FENCE	58602M				EA	STABLES WWF
D	STEEL, MISCELLANEOUS INVESTIGATION	69999				EA	STEEL MISCL INV

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STEEL, MISCELLANEOUS INVESTIGATION	69999M				EA	STEEL MISCL INV
	STEP, MANHOLE	49513				EA	STEP MANHOLE
	STEP, MANHOLE	49513M				EA	STEP MANHOLE
D	STEP, MANHOLE (BLACK) P-10CTS	49512				EA	STEP MH BLK P-10CTS
D	STEP, MANHOLE (BLACK) P-10CTS	49512M				EA	STEP MH BLK P-10CTS
D	STEP, MANHOLE (BLACK) P-10938	49511				EA	STEP MH BLK P-10938
D	STEP, MANHOLE (BLACK) P-10938	49511M				EA	STEP MH BLK P-10938
D	STEP, MANHOLE (BLACK) PI-10	49514				EA	STEP MH BLK PI10
D	STEP, MANHOLE (BLACK) PI-10	49514M				EA	STEP MH BLK PI10
D	STEP, MANHOLE (BLACK) PS-1-DI	49506				EA	STEP MH BLK PS-1-DI
D	STEP, MANHOLE (BLACK) PS-1-DI	49506M				EA	STEP MH BLK PS-1-DI
D	STEP, MANHOLE (BLACK) PS-1-DIS	49507				EA	STEP MH BLK PS-I-DIS
D	STEP, MANHOLE (BLACK) PS-1-DIS	49507M				EA	STEP MH BLK PS-I-DIS
D	STEP, MANHOLE (BLACK) PS-1-PF	49504				EA	STEP MH BLK PS-1-PF
D	STEP, MANHOLE (BLACK) PS-1-PF	49504M				EA	STEP MH BLK PS-1-PF
D	STEP, MANHOLE (BLACK) SPI-10	49515				EA	STEP MH BLK SPI10
D	STEP, MANHOLE (BLACK) SPI-10	49515M				EA	STEP MH BLK SPI10
D	STEP, MANHOLE (ORANGE) 81210	49509				EA	STEP MH OR 81210
D	STEP, MANHOLE (ORANGE) 81210	49509M				EA	STEP MH OR 81210
D	STEP, MANHOLE (ORANGE) 93810	49508				EA	STEP MH OR 93810
D	STEP, MANHOLE (ORANGE) 93810	49508M				EA	STEP MH OR 93810
D	STEP, MANHOLE (ORANGE), 360	49510				EA	STEP MH OR 360
D	STEP, MANHOLE (ORANGE), 360	49510M				EA	STEP MH OR 360
D	STEP, MANHOLE, (BLACK) PS-1-ILL	49502				EA	STEP MH BLK PS-1-ILL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STEP, MANHOLE, (BLACK) PS-1-ILL	49502M				EA	STEP MH BLK PS-1-ILL
D	STEP, MANHOLE, (RED) LG	49501				EA	STEP MANHOLE RED LG
D	STEP, MANHOLE, (RED) LG	49501M				EA	STEP MANHOLE RED LG
D	STEP, MANHOLE, ALUMINUM	78505				EA	STEP MANHOLE ALUM
D	STEP, MANHOLE, ALUMINUM	78505M				EA	STEP MANHOLE ALUM
	STEP, MANHOLE, CAST IRON	21001	9			EA	STEPS MANHOLE CASTIR
	STEP, MANHOLE, CAST IRON	21001M	9			EA	STEPS MANHOLE CASTIR
D	STEP, MANHOLE, GALV ROD	68004	14			PC	STEPS MANHOLE GVROD
D	STEP, MANHOLE, GALV ROD	68004M	14			EA	STEPS MANHOLE GVROD
D	STEP, MANHOLE, V	49503				EA	STEP MANHOLE V
D	STEP, MANHOLE, WEDG. LOK. WLII	49505				EA	STEP MH WEDLOK WL II
D	STEP, MANHOLE, WEDG. LOK. WLII	49505M				EA	STEP MH WEDLOK WL II
D	STEP, MANHOLE, WEDG. LOK., WL11	70804				EA	STEP MH WEDGLOK WL11
	STONE MATRIX ASPHALT, BINDER, N50 12.5	19650				TONS	SMA BC N50 12.5
	STONE MATRIX ASPHALT, BINDER, N50 12.5, RECYCLED	19650R				TONS	SMA BC N50 12.5 REC
	STONE MATRIX ASPHALT, BINDER, N80, 12.5	19653				TONS	SMA BC N80 12.5
	STONE MATRIX ASPHALT, BINDER, N80, 12.5, RECYCLED	19653R				TONS	SMA BC N80 12.5 REC
D	STONE MATRIX ASPHALT, BINDER, 12.5	18435				TONS	SMA BINDER 12.5
D	STONE MATRIX ASPHALT, BINDER, 12.5, RECYCLED	18435MR				M TON	SMA BINDER 12.5 REC
D	STONE MATRIX ASPHALT, BINDER, 12.5, RECYCLED	18435R				TONS	SMA BINDER 12.5 REC
D	STONE MATRIX ASPHALT, BINDER, 12.5MM	18435M				M TON	SMA BINDER 12.5
	STONE MATRIX ASPHALT, SURFACE, N50, 12.5, C	19651				TONS	SMA SC N50 12.5 C
	STONE MATRIX ASPHALT, SURFACE, N50, 12.5, C, RECYCLED	19651R				TONS	SMA SC N50 12.5 C R
	STONE MATRIX ASPHALT, SURFACE, N50, 12.5, D	19652				TONS	SMA SC N50 12.5 D

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE MATRIX ASPHALT, SURFACE, N50, 12.5, D, RECYCLED	19652R				TONS	SMA SC N50 12.5 D R
	STONE MATRIX ASPHALT, SURFACE, N80, 12.5, E	19654				TONS	SMA SC N80 12.5 E
	STONE MATRIX ASPHALT, SURFACE, N80, 12.5, E, RECYCLED	19654R				TONS	SMA SC N80 12.5 E R
	STONE MATRIX ASPHALT, SURFACE, N80, 12.5, F	19655				TONS	SMA SC N80 12.5 F
	STONE MATRIX ASPHALT, SURFACE, N80, 12.5, F, RECYCLED	19655R				TONS	SMA SC N80 12.5 F R
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E	19664				TONS	SMA SC N80 9.5 E
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E	19664M				M TON	SMA SC N80 9.5 E
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E, RECYCLED	19664MR				M TON	SMA SC N80 9.5 E R
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E, RECYCLED	19664R				TONS	SMA SC N80 9.5 E R
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F	19665				TONS	SMA SC N80 9.5 F
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F	19665M				M TON	SMA SC N80 9.5 F
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F, RECYCLED	19665MR				M TON	SMA SC N80 9.5 F R
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F, RECYCLED	19665R				TONS	SMA SC N80 9.5 F R
D	STONE MATRIX ASPHALT, SURFACE, 12.5	18436				TONS	SMA SURFACE 12.5
D	STONE MATRIX ASPHALT, SURFACE, 12.5, RECYCLED	18436MR				M TON	SMA SURFACE 12.5 REC
D	STONE MATRIX ASPHALT, SURFACE, 12.5, RECYCLED	18436R				TONS	SMA SURFACE 12.5 REC
D	STONE MATRIX ASPHALT, SURFACE, 12.5MM	18436M				M TON	SMA SURFACE 12.5
D	STONE MATRIX ASPHALT, SURFACE, 4.75	18438				TONS	SMA SURFACE 4.75
D	STRAND, 7 WIRE, PRESTRESSING AASHTO M-203, GRADE 250	63101	14			LINFT	STRAND 7WIRE GR250
D	STRAND, 7 WIRE, PRESTRESSING AASHTO M203, GRADE 250	63101M	14			METER	STRAND 7WIRE GR250
	STRAND, 7 WIRE, PRESTRESSING, GRADE 270	63102	14			LINFT	STRAND 7WIRE GR270
	STRAND, 7 WIRE, PRESTRESSING, GRADE 270	63102M	14			METER	STRAND 7WIRE GR270
	STRAND, 7 WIRE, PRESTRESSING, GRADE 270 LOWRELAX	63105	14			LINFT	STRAND 7WR GR270 LRX
	STRAND, 7 WIRE, PRESTRESSING, GRADE 270 LOWRELAX	63105M	14			METER	STRAND 7WR GR270 LRX

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STRAND, 7WIRE, PRESTRESSING AASHTO M203, GRADE 270 EPOXY COATED	63106	14			LINFT	STRAND 7WR GR270 EPC
D	STRAND, 7WIRE, PRESTRESSING AASHTO M203, GRADE 270 EPOXY COATED	63106M	14			METER	STRAND 7WR GR270 EPC
D	STRAPS, GLARE GUARD, STAINLESS STEEL	58607				EA	STRAP GLGRD STSTL
D	STRAPS, GLARE GUARD, STAINLESS STEEL	58607M				EA	STRAP GLGRD STSTL
	STRAW MAT, KNITTED	56219				SQYD	STRAW MAT KNITTED
	STRAW MAT, KNITTED	56219M				SQ M	STRAW MAT KNITTED
D	STRIP, STEEL, REINFORCED EARTH, EPOX COATED, ASTM A570MGR345	68020M				METER	STRIP ST EC A570M345
D	STRIP, STEEL, REINFORCED EARTH, EPOXY COATED, ASTM A570 GR50	68020				LINFT	STRIP STL EC A570 50
	STRIP, STEEL, REINFORCED EARTH, GALV, ASTM A570 GR50	68021				LINFT	STRIP STL GV A570 50
	STRIP, STEEL, REINFORCED EARTH, GALV, ASTM A570 GR65	68022				LINFT	STRIP STL GV A570 65
	STRIP, STEEL, REINFORCED EARTH, GALV, ASTM A570M GR450	68022M				METER	STRIP STL GV 570M450
	STRIP, STEEL, REINFORCED EARTH, GALV, ASTM 570M GR345	68021M				METER	STRP STL GV A570M345
D	STRIPPER, PAINT	41102				GAL	STRIPPER PAINT
D	STRUCTURAL STEEL SUMMARY	65000				LB	STRUCT STEEL SUMM
	STRUCTURAL STEEL, MISCELLANEOUS	65498				LB	STRUC STEEL MISC
	STRUCTURAL STEEL, MISCELLANEOUS	65498M				KG	STRUC STEEL MISC
	STRUCTURAL STEEL, MISCELLANEOUS	65499				EA	STRUC STEEL MISC
	STRUCTURAL STEEL, MISCELLANEOUS	65499M				EA	STRUC STEEL MISC
	STUB, STRUCTURAL STEEL	60702	15	24	12	LB	STUB STR STL
	STUB, STRUCTURAL STEEL	60702M	15	24	12	KG	STUB STR STL
	STUB, TUBULAR RECTANGLE	60904	87	28	12	LB	STUB TUBULAR RECT
	STUB, TUBULAR RECTANGLE	60904M	87	28	12	KG	STUB TUBULAR RECT
D	STUB, TUBULAR, ROUND	60804	14X28	12		LB	STUB TUBULAR ROUND
D	STUB, TUBULAR, ROUND	60804M	14X28	12		KG	STUB TUBULAR ROUND

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STUD ANCHOR, EXPANSION	67626	14			PC	STUD ANCHOR EXPAN
D	STUD ANCHOR, EXPANSION	67626M	14			EA	STUD ANCHOR EXPAN
D	STUDS, ASTM A193, B7	67660	14	12		PC	STUDS A193 B7
D	STUDS, ASTM A193, B7, GALV.	67658	14	12		PC	STUDS A193 B7 GV
D	STUDS, ASTM A193M, B7	67660M	14	12		EA	STUDS A193MB7
D	STUDS, ASTM A193M, B7, GALV.	67658M	14	12		EA	STUDS A193MB7 GV
	STUDS, ASTM A449	67647	14	12		LB	STUDS ASTM A449
	STUDS, ASTM A449, GALV	67655	14	12		PC	STUDS A449 GALV
	STUDS, ASTM A449, GALV	67655M	14	12		EA	STUDS A449 GALV
D	STUDS, B8 STAINLESS STEEL CLASS 1	67623	14	12		LB	STUDS B8 SSTL CL 1
D	STUDS, B8 STAINLESS STEEL CLASS 2	67624	14	12		LB	STUDS B8 SSTL CL 2
	SURFACE TREATMENT, HIGH-FRICTION	21639	76	77		SQYD	SURF TREAT HIGH FRIC
	SURFACE TREATMENT, HIGH-FRICTION	21639M	76	77		SQ M	SURF TREAT HIGH FRIC
	SWITCH, CIRCUIT SELECTOR (AERO)	33708				EA	SWITCH CIRCUIT SLCTR
	SWITCH, CIRCUIT SELECTOR (AERO)	33708M				EA	SWITCH CIRCUIT SLCTR
	TABLES, PICNIC, CONCRETE	25901				EA	TABLES PICNIC CONC
	TABLES, PICNIC, CONCRETE	25901M				EA	TABLES PICNIC CONC
D	TABLET, FERTILIZER PLANTING	56104				EA	TABLET FERT PLANTING
D	TABLET, FERTILIZER PLANTING	56104M				EA	TABLET FERT PLANTING
	TAP VALVE AND SLEEVE	51401	14			EA	TAP VALVE AND SLEEVE
	TAP VALVE AND SLEEVE	51401M	14			EA	TAP VALVE AND SLEEVE
D	TAPE, PAVEMENT MARKING, BLACK	70503	13	32		LINFT	TAPE PVT MK BLK
D	TAPE, PAVEMENT MARKING, BLACK TYPE3	70512	13			LINFT	TAPE PVT MK BLKTY3
D	TAPE, PAVEMENT MARKING, BLACK TYPE3	70512M	13			METER	TAPE PVT MK BLKTY3

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	TAPE, PAVEMENT MARKING, BLACKOUT	70517				LINFT	TAPE PVT MK BLKOUT
	TAPE, PAVEMENT MARKING, BLACKOUT	70517M				METER	TAPE PVT MK BLKOUT
D	TAPE, PAVEMENT MARKING, DURA, WHITE	70510	13			LINFT	TAPE PVT MK WH DURA
D	TAPE, PAVEMENT MARKING, DURA, YELLOW	70511	13			LINFT	TAPE PVT MK YL DURA
	TAPE, PAVEMENT MARKING, WHITE TYPE1	70501	13			LINFT	TAPE PVT MK WH TY1
	TAPE, PAVEMENT MARKING, WHITE, TYPE 4	70513	13			LINFT	TAPE PVT MK WH TY4
	TAPE, PAVEMENT MARKING, WHITE, TYPE 4	70513M	13			METER	TAPE PVT MK WH TY4
	TAPE, PAVEMENT MARKING, WHITE, TYPE1	70501M	13			METER	TAPE PVT MK WH TY1
	TAPE, PAVEMENT MARKING, WHITE, TYPE3	70508				LINFT	TAPE PVT MK WH TY3
	TAPE, PAVEMENT MARKING, WHITE, TYPE3	70508M				METER	TAPE PVT MK WH TY3
	TAPE, PAVEMENT MARKING, YELLOW TYPE1	70502	13			LINFT	TAPE PVT MK YL TY1
	TAPE, PAVEMENT MARKING, YELLOW, TYPE 4	70514	13			LINFT	TAPE PVT MK YL TY4
	TAPE, PAVEMENT MARKING, YELLOW, TYPE 4	70514M	13			METER	TAPE PVT MK YL TY4
	TAPE, PAVEMENT MARKING, YELLOW, TYPE1	70502M	13			METER	TAPE PVT MK YL TY1
	TAPE, PAVEMENT MARKING, YELLOW, TYPE3	70509				LINFT	TAPE PVT MK YL TY3
	TAPE, PAVEMENT MARKING, YELLOW, TYPE3	70509M				METER	TAPE PVT MK YL TY3
	TAPE, PREFORMED PLASTIC, WHITE, TYPE B	70504	13			LINFT	TAPE PR PLAS WH TYB
	TAPE, PREFORMED PLASTIC, WHITE, TYPE B	70504M	13			METER	TAPE PR PLAS WH TYB
	TAPE, PREFORMED PLASTIC, WHITE, TYPE C	70531	13			LINFT	TAPE PR PLAS WH TYC
	TAPE, PREFORMED PLASTIC, WHITE, TYPE C	70531M	13			METER	TAPE PR PLAS WH TYC
	TAPE, PREFORMED PLASTIC, WHITE, TYPE D	70535	13			LINFT	TAPE PR PLAS WH TYD
	TAPE, PREFORMED PLASTIC, WHITE, TYPE D	70535M	13			METER	TAPE PR PLAS WH TYD
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE B	70505	13			LINFT	TAPE PR PLAS YL TYB
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE B	70505M	13			METER	TAPE PR PLAS YL TYB

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE C	70532	13			LINFT	TAPE PR PLAS YL TYC
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE C	70532M	13			METER	TAPE PR PLAS YL TYC
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE D	70536	13			LINFT	TAPE PR PLAS YL TYD
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE D	70536M	13			METER	TAPE PR PLAS YL TYD
D	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, BLACK	70525	13			LINFT	TAPE PFTPLAS PVMK BL
D	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, BLACK	70525M	13			METER	TAPE PFTPLAS PVMK BL
	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, WHITE, HOT APPL	70521	13			LINFT	TAPE PFTPLAS PVMK WH
	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, WHITE, HOT APPL	70521M	13			METER	TAPE PFTPLAS PVMK WH
	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, YELLOW, HOT APPL	70522	13			LINFT	TAPE PFTPLAS PVMK YL
	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, YELLOW, HOT APPL	70522M	13			METER	TAPE PFTPLAS PVMK YL
	TAPE, UNDERGROUND CABLE MARKING	31506				LINFT	TAPE UNDGRN CABLE MK
	TAPE, UNDERGROUND CABLE MARKING	31506M				METER	TAPE UNDGRN CABLE MK
	TAPERED END, BOX SECTION, REINFORCED CONCRETE ASTM C 1577	48263	13	11		EA	TPRDEND BOXSEC C1577
	TAPERED END, BOX SECTION, REINFORCED CONCRETE ASTM C 1577	48263M	13	11		EA	TPRDEND BOXSEC C1577
	TAPERED END, BOX SECTION, REINFORCED CONCRETE LRFD	48266	13	11		EA	TPRDEND BOXSEC LRFD
	TAPERED END, BOX SECTION, REINFORCED CONCRETE LRFD	48266M	13	11		EA	TPRDEND BOXSEC LRFD
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, AASHTO M259	48237	87			EA	TPRDEND BOX SEC M259
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, AASHTO M273	48218	13	11		EA	TPRDEND BOXSEC M273
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, AASHTO M273M	48218M	13	11		EA	TPRDEND BOXSEC M273M
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, ASTM C789	48237M	87			EA	TPRDEND BOX SEC C789
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, SPECIAL	48297	87			EA	TRPDEND BOX RECON SP
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, SPECIAL	48297M	87			EA	TRPDEND BOX RECON SP
D	TAR, GRADE RT-1	11001				GAL	TAR GRADE RT1
D	TAR, GRADE RT-10	11010				GAL	TAR GRADE RT10

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	TAR, GRADE RT-11	11011				GAL	TAR GRADE RT11
D	TAR, GRADE RT-12	11012				GAL	TAR GRADE RT12
D	TAR, GRADE RT-2	11002				GAL	TAR GRADE RT2
D	TAR, GRADE RT-3	11003				GAL	TAR GRADE RT3
D	TAR, GRADE RT-4	11004				GAL	TAR GRADE RT4
D	TAR, GRADE RT-5	11005				GAL	TAR GRADE RT5
D	TAR, GRADE RT-6	11006				GAL	TAR GRADE RT6
D	TAR, GRADE RT-7	11007				GAL	TAR GRADE RT7
D	TAR, GRADE RT-8	11008				GAL	TAR GRADE RT8
D	TAR, GRADE RT-9	11009				GAL	TAR GRADE RT9
D	TAR, GRADE RTCB-5	11013				GAL	TAR GRADE RTCB5
D	TAR, GRADE RTCB-6	11014				GAL	TAR GRADE RTCB6
D	TAR, PAVEMENT MARKING	11202				GAL	TAR PVT MK
D	TARPAULIN, CANVAS	81200	7	19		EA	TARPAULIN CANVAS
D	TARPAULIN, CANVAS	81200M	7	19		EA	TARPAULIN CANVAS
D	TARPAULIN, SYNTHETIC	81201	7	19		EA	TARPAULIN SYNTHETIC
D	TARPAULIN, SYNTHETIC	81201M	7	19		EA	TARPAULIN SYNTHETIC
D	TEE, ABS, TRUSS	49105	14	14		EA	TEE ABS TRUSS
D	TEE, ABS, TRUSS	49105M	14	14		EA	TEE ABS TRUSS
D	TEE, ARCH CIRC CIRCUM CORR, BIT. COATED GALV. STEEL	45406	14	14		EA	TEE ARCH CCGSBITCT
D	TEE, ARCH CIRC CIRCUM CORR, BIT. COATED GALV. STEEL	45406M	14	14		EA	TEE ARCH CCGSBITCT
D	TEE, ARCH CIRC CIRCUM CORR, GALV. STEEL	45404	14	14		EA	TEE ARCH CCGS
D	TEE, ARCH CIRC CIRCUM CORR, GALV. STEEL	45404M	14	14		EA	TEE ARCH CCGS
D	TEE, ARCH CIRC HELI CORR, GALV. STEEL	45504	26	26		EA	TEE ARCH CIRC HCGS

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	TEE, ARCH CIRC HELI CORR, GALV. STEEL	45504M	26	26		EA	TEE ARCH CIRC HCGS
D	TEE, ARCH HELI CORR, BIT. COATED GALV. STEEL	45506	26	26		EA	TEE ARCH HCGSBITCT
D	TEE, ARCH HELI CORR, BIT. COATED GALV. STEEL	45506M	26	26		EA	TEE ARCH HCGSBITCT
D	TEE, ASBESTOS-CEMENT PIPE	53209	14	14		EA	TEE ACEM PIPE
D	TEE, BITUMINOUS FIBRE PIPE	53105	14	14		EA	TEE BITF PIPE
D	TEE, CIRC CIRCUM CORR, ALUM-COATED STEEL	45218	14	14		EA	TEE CIRC CC ALST
D	TEE, CIRC CIRCUM CORR, ALUM-COATED STEEL	45218M	14	14		EA	TEE CIRC CC ALST
D	TEE, CIRC CIRCUM CORR, BIT. COATED GALV. STEEL	45206	14	14		EA	TEE CIRC CCGSBITCT
D	TEE, CIRC CIRCUM CORR, BIT. COATED GALV. STEEL	45206M	14	14		EA	TEE CIRC CCGSBITCT
	TEE, CIRC CIRCUM CORR, GALV. STEEL	45204	14	14		EA	TEE CIRC CCGS
	TEE, CIRC CIRCUM CORR, GALV. STEEL	45204M	14	14		EA	TEE CIRC CCGS
D	TEE, CIRC CIRCUM PRECOATED GALV STEEL	45210	14	14		EA	TEE CIRC CCPRCT GS
D	TEE, CIRC CIRCUM PRECOATED GALV STEEL	45210M	14	14		EA	TEE CIRC CCPRCT GS
D	TEE, CIRC HELI CORR, BIT. COATED GALV. STEEL	45306	14	14		EA	TEE CIRC HCGSBITCT
D	TEE, CIRC HELI CORR, BIT. COATED GALV. STEEL	45306M	14	14		EA	TEE CIRC HCGSBITCT
	TEE, CIRC HELI CORR, GALV. STEEL	45304	14	14		EA	TEE CIRC HCGS
	TEE, CIRC HELI CORR, GALV. STEEL	45304M	14	14		EA	TEE CIRC HCGS
D	TEE, CIRC, HELI CORR, ALUM-COATED STEEL	45318	14	14		EA	TEE CIRC HC ALST
D	TEE, CIRC, HELI CORR, ALUM-COATED STEEL	45318M	14	14		EA	TEE CIRC HC ALST
D	TEE, CLAY PIPE	50304	14	14		EA	TEE CLAY PIPE
D	TEE, CLAY PIPE	50304M	14	14		EA	TEE CLAY PIPE
	TEE, EXPANSION JOINT	65407	15	24	12	LB	TEE EXPANSION JOINT
	TEE, EXPANSION JOINT	65407M	15	24	12	KG	TEE EXPANSION JOINT
	TEE, MANHOLE	26103	14	14		EA	TEE MANHOLE

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	TEE, MANHOLE	26103M	14	14		EA	TEE MANHOLE
D	TEE, NON-REINFORCED CONCRETE PIPE	48008	14	14		EA	TEE NONRECONC
D	TEE, NON-REINFORCED CONCRETE PIPE	48008M	14	14		EA	TEE NONRECONC
	TEE, POLY-VINYL CHLORIDE PIPE	49208	14	14		EA	TEE PVC PIPE
	TEE, POLY-VINYL CHLORIDE PIPE	49208M	14	14		EA	TEE PVC PIPE
	TEE, REINFORCED CONCRETE PIPE	48001	14	14		EA	TEE RECONC
	TEE, REINFORCED CONCRETE PIPE	48001M	14	14		EA	TEE RECONC
D	TEE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED STEEL	45804	14	14		EA	TEE UDR SEMI BITCTST
D	TEE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED STEEL	45804M	14	14		EA	TEE UDR SEMI BITCTST
D	TEE, UNDERDRAIN, SEMICIRCULAR, GALV. STEEL	45806	14	14		EA	TEE UDR SEMI GVST
D	TEE, UNDERDRAIN, SEMICIRCULAR, GALV. STEEL	45806M	14	14		EA	TEE UDR SEMI GVST
D	TEFLON SHEET	49802	16			EA	TEFLON SHEET
	TEFLON SHEET	49803	16	7	19	SQFT	TEFLON SHEET
	TEFLON SHEET	49803M	16	7	19	SQ M	TEFLON SHEET
D	TENSION CABLE, GALVANIZED STEEL	58612	14			LINFT	TENSIONCABLE-GV STL
D	TENSION CABLE, GALVANIZED STEEL	58612M	14			METER	TENSIONCABLE-GV STL
	TENSION WIRE, ALUM COATED	58404				LINFT	TENSION WIRE AL CT
	TENSION WIRE, ALUM COATED	58404M				METER	TENSION WIRE AL CT
D	TENSION WIRE, ALUMINUM	58403				LINFT	TENSION WIRE AL
	TENSION WIRE, GALVANIZED STEEL	58401				LINFT	TENSION WIRE GV STL
	TENSION WIRE, GALVANIZED STEEL	58401M				METER	TENSION WIRE GV STL
	TENSION WIRE, VINYL COATED	58402				LINFT	TENSION WIRE VIN CT
	TENSION WIRE, VINYL COATED	58402M				METER	TENSION WIRE VIN CT
	TERMINAL MARKER, DIRECT APPLIED	61343				EA	TERM MARK DIR APPL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	TERMINAL MARKER, DIRECT APPLIED	61343M				EA	TERM MARK DIR APPL
	TERMINAL MARKER, POST MOUNTED	61344				EA	TERM MARK POST MTD
	TERMINAL MARKER, POST MOUNTED	61344M				EA	TERM MARK POST MTD
D	THREAD, NYLON	49804				LINFT	THREAD, NYLON
D	THREAD, NYLON	49804M				METER	THREAD, NYLON
D	TIES, CROSS, TREATED	35301	13X16	19		FBM	TIES CROSS TR
D	TIES, CROSS, TREATED	35301M	13X16	19		CU M	TIES CROSS TR
D	TIES, FABRIC CHAIN LINK FENCE	58601				EA	TIES FABRIC CHLF
D	TIES, FABRIC CHAIN LINK FENCE	58601M				EA	TIES FABRIC CHLF
D	TIES, SNOW FENCE (M 4), WIRE	81101				LINFT	TIES SNOWFENCE M 4
D	TIES, SNOW FENCE (M 4), WIRE	81101M				METER	TIES SNOWFENCE M 4
	TIES, SWITCH, TREATED	35302	90	19		FBM	TIES SWITCH TR
	TIES, SWITCH, TREATED	35302M	90	19		CU M	TIES SWITCH TR
D	TILE, CERAMIC	70404				EA	TILE CERAMIC
D	TILE, DRAIN, CONCRETE	47801	14	19		LINFT	TILE DRAIN CONCRETE
D	TILE, DRAIN, CONCRETE	47801M	14	19		METER	TILE DRAIN CONCRETE
D	TILE, DRAIN, EXTRA QUALITY CLAY	50103	14			LINFT	TILE DRAIN EXQ CLY
D	TILE, DRAIN, EXTRA QUALITY CLAY	50103M	14			METER	TILE DRAIN EXQ CLY
D	TILE, DRAIN, HEAVY DUTY CLAY	50101	14			LINFT	TILE DRAIN HD CLY
D	TILE, DRAIN, HEAVY DUTY CLAY	50101M	14			METER	TILE DRAIN HD CLY
D	TILE, DRAIN, STANDARD STRENGTH CLAY	50102	14			LINFT	TILE DRAIN STDSG CLY
D	TILE, DRAIN, STANDARD STRENGTH CLAY	50102M	14			METER	TILE DRAIN STDSG CLY
D	TIMBER, BRIDGE RAIL, GLUED LAMINATED	35502	11	13		LINFT	TIMBER BGRAIL GLULAM
D	TIMBER, BRIDGE RAIL, GLUED LAMINATED	35502M	11	13		METER	TIMBER BGRAIL GLULAM

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	TIMBER, BRIDGE, GLUED LAMINATED	35501				SQFT	TIMBER BRIDGE GLULAM
D	TIMBER, BRIDGE, GLUED LAMINATED	35501M				SQ M	TIMBER BRIDGE GLULAM
D	TIMBER, BRIDGE, NAIL LAMINATED	35500				SQFT	TIMBER BRIDGE NAILAM
D	TIMBER, BRIDGE, NAIL LAMINATED	35500M				SQ M	TIMBER BRIDGE NAILAM
D	TIMBER, PEDESTRIAN RAIL	35503	11	13		LINFT	TIMBER PEDESTRIAN RL
D	TIMBER, PEDESTRIAN RAIL	35503M	11	13		METER	TIMBER PEDESTRIAN RL
	TOE WALL, FLARED END SECTION	25702				EA	TOE WALL FLA END SEC
	TOE WALL, FLARED END SECTION	25702M				EA	TOE WALL FLA END SEC
D	TOOLS & EQUIPMENT, MAINTENANCE	80701				EA	TOOLS EQUIP MAINT
D	TOOLS & EQUIPMENT, MAINTENANCE	80701M				EA	TOOLS EQUIP MAINT
D	TRAFFIC PROTECTION MATERIALS	61300	22			LSUM	TRAFFIC PROT MATLS
D	TRAFFIC PROTECTION MATERIALS	61300M	22			LSUM	TRAFFIC PROT MATLS
	TRAFFIC SIGNAL COMPONENTS	33501	22			EA	TRAFFIC SIGNAL COMP
	TRAFFIC SIGNAL COMPONENTS	33501M	22			EA	TRAFFIC SIGNAL COMP
	TRANSFORMER, ISOLATION (AERO)	33707				EA	TRNSFRMER ISOLATION
	TRANSFORMER, ISOLATION (AERO)	33707M				EA	TRNSFRMER ISOLATION
	TRAP, CATCH BASIN, CAST IRON	21014	14	43		EA	TRAP CATCHBASIN CSIR
	TRAP, CATCH BASIN, CAST IRON	21014M	14	43		EA	TRAP CATCHBASIN CSIR
D	TRAP, HALF, CLAY PIPE	50301	14			EA	TRAP HALF CLAY PIPE
D	TRAP, HALF, CLAY PIPE	50301M	14			EA	TRAP HALF CLAY PIPE
D	TRAP, HALF, NON-REINFORCED CONCRETE	47009	14	31		EA	TRAP HALF NONRECONC
D	TRAP, HALF, NON-REINFORCED CONCRETE	48010	14	31		EA	TRAP HALF NONRECONC
D	TRAP, HALF, NON-REINFORCED CONCRETE	48010M	14	31		EA	TRAP HALF NONRECONC
D	TRAP, HALF, REINFORCED CONCRETE	47008				EA	TRAP HALF RECONC

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	TRAP, HALF, REINFORCED CONCRETE	48009	14	31		EA	TRAP HALF RECONC
	TRAP, HALF, REINFORCED CONCRETE	48009M	14	31		EA	TRAP HALF RECONC
	TRASH RECEPTACLE, PRECAST CONCRETE	25902				EA	TRASH RECEPT CONC
	TRASH RECEPTACLE, PRECAST CONCRETE	25902M				EA	TRASH RECEPT CONC
	TREE, SEEDLING	56503	22			EA	TREE SEEDLING
	TREE, SEEDLING	56503M	22			EA	TREE SEEDLING
	TREE, SHADE AND FLOWERING, ALL TYPES	56501	22			EA	TREE SHADE ALL TYPES
	TREE, SHADE AND FLOWERING, ALL TYPES	56501M	22			EA	TREE SHADE ALL TYPES
D	TRUSS, SUPPORT	61335	22			EA	SUPPORT TRUSS
D	TRUSS, SUPPORT	61335M	22			EA	SUPPORT TRUSS
D	TUBE, TRAFFIC COUNTER, RUBBER	70309				EA	TUBE TRFC CTR RUB
D	TUBE, TRAFFIC COUNTER, RUBBER	70309M				EA	TUBE TRFC CTR RUB
	TUBING, DRAINAGE, CORRUGATED POLYETHYLENE	49301	14			LINFT	TUBING DRAIN CORR PE
	TUBING, DRAINAGE, CORRUGATED POLYETHYLENE	49301M	14			METER	TUBING DRAIN CORR PE
	TUBING, DRAINAGE, PERFORATED, CORRUGATED POLYETHYLENE	49300	14			LINFT	TUBING DRN PRF CR PE
	TUBING, DRAINAGE, PERFORATED, CORRUGATED POLYETHYLENE	49300M	14			METER	TUBING DRN PRF CR PE
D	TUBING, ELECTRICAL METALLIC (EMT) ZINC COATED	30701	14			LINFT	TUBING EMT ZNCOAT
D	TURF, ARTIFICIAL	56304				SQYD	TURF ARTIFICIAL
D	TURF, ARTIFICIAL	56304M				SQ M	TURF ARTIFICIAL
	TURNBUCKLE, GALV	67639	14	12		PC	TURNBUCKLE GALV
	TURNBUCKLE, GALV	67639M	14	12		EA	TURNBUCKLE GALV
	TURNBUCKLE, PLAIN	67674				PC	TURNBUCKLE PLAIN
	TURNBUCKLE, PLAIN	67674M				EA	TURNBUCKLE PLAIN
D	UNDERDRAIN DRAINAGE MAT	49651	13			LINFT	UNDERDRAIN DRAIN MAT

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	UNDERDRAIN DRAINAGE MAT	49651M	13			METER	UNDERDRAIN DRAIN MAT
D	UNIT DUCT (COILABLE PLASTIC DUCT) NEMA TC-7	30501	14			LINFT	UNIT DUCT PL TC7
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 .50	30503	38	54		LINFT	UNITDUCT PL TC7 .50
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 .75	30504	38	54		LINFT	UNITDUCT PL TC7 .75
	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 SCHEDULE 40	30518	14	38	54	LINFT	UNITDUCT PL TC7 40
	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 SCHEDULE 40	30518M	14	38	54	METER	UNITDUCT PL TC7 40
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 SCHEDULE 80	30520	14	38	54	LINFT	UNITDUCT PL TC7 80
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 SCHEDULE 80	30520M	14	38	54	METER	UNITDUCT PL TC7 80
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 1.00	30505	38	54		LINFT	UNITDUCT PL TC7 1.00
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 1.25	30506	38	54		LINFT	UNITDUCT PL TC7 1.25
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 1.50	30507	38	54		LINFT	UNITDUCT PL TC7 1.50
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 13MM	30503M	38	54		METER	UNITDUCT PL TC7 13MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 19MM	30504M	38	54		METER	UNITDUCT PL TC7 19MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 2.00	30508	38	54		LINFT	UNITDUCT PL TC7 2.00
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 2.50	30509	38	54		LINFT	UNITDUCT PL TC7 2.50
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 25MM	30505M	38	54		METER	UNITDUCT PL TC7 25MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 3.00	30510	38	54		LINFT	UNITDUCT PL TC7 3.00
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 32MM	30506M	38	54		METER	UNITDUCT PL TC7 32MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 38MM	30507M	38	54		METER	UNITDUCT PL TC7 38MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 51MM	30508M	38	54		METER	UNITDUCT PL TC7 51MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 64MM	30509M	38	54		METER	UNITDUCT PL TC7 64MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 76MM	30510M	38	54		METER	UNITDUCT PL TC7 76MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL	30502	14			LINFT	UNITDUCT PL SPEC
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL	30502M	14			METER	UNITDUCT PL SPEC

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL .50	30511	38	54		LINFT	UNITDUCT PL SPC .50
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL .75	30512	38	54		LINFT	UNITDUCT PL SPC .75
	UNIT DUCT (COILABLE PLASTIC) SPECIAL SCHEDULE 40	30519	14			LINFT	UNITDUCT PL SPEC 40
	UNIT DUCT (COILABLE PLASTIC) SPECIAL SCHEDULE 40	30519M	14			METER	UNITDUCT PL SPEC 40
	UNIT DUCT (COILABLE PLASTIC) SPECIAL SCHEDULE 80	30521	14			LINFT	UNITDUCT PL SPEC 80
	UNIT DUCT (COILABLE PLASTIC) SPECIAL SCHEDULE 80	30521M	14			METER	UNITDUCT PL SPEC 80
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 1.00	30513	38	54		LINFT	UNITDUCT PL SPC 1.00
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 1.25	30514	38	54		LINFT	UNITDUCT PL SPC 1.25
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 1.50	30515	38	54		LINFT	UNITDUCT PL SPC 1.50
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 13MM	30511M	38	54		METER	UNITDUCT PL SPC 13MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 19MM	30512M	38	54		METER	UNITDUCT PL SPC 19MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 2.50	30516	38	54		LINFT	UNITDUCT PL SPC 2.50
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 25MM	30513M	38	54		METER	UNITDUCT PL SPC 25MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 3.00	30517	38	54		LINFT	UNITDUCT PL SPC 3.00
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 32MM	30514M	38	54		METER	UNITDUCT PL SPC 32MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 38MM	30515M	38	54		METER	UNITDUCT PL SPC 38MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 64MM	30516M	38	54		METER	UNITDUCT PL SPC 64MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 76MM	30517M	38	54		METER	UNITDUCT PL SPC 76MM
	VALVE BOX	51601	14			EA	VALVE BOX
	VALVE BOX	51601M	14			EA	VALVE BOX
D	VARNISH, EXTERIOR SPAR (ART 708.18)	40501M				LITER	VARNISH EXSPAR
D	VARNISH, EXTERIOR SPAR (ART 712.22)	40501				GAL	VARNISH EXSPAR
D	VARNISH, PHENOLIC (ART 708.17)	40502M				LITER	VARNISH PHENOLIC
D	VARNISH, PHENOLIC (ART 712.21)	40502				GAL	VARNISH PHENOLIC

SEQ: FULL NAME

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	VAULT, CONSTRUCT TRANSFORMER	72020				EA	VAULT CONST TRANS
	VAULT, CONSTRUCT TRANSFORMER	72020M				EA	VAULT CONST TRANS
	VAULT, ERECT PREFABRICATED	72021				EA	VAULT ERECT PREFAB
	VAULT, ERECT PREFABRICATED	72021M				EA	VAULT ERECT PREFAB
	VAULT, VALVE	25209	6			EA	VAULT VALVE
	VAULT, VALVE	25209M	6			EA	VAULT VALVE
	VIDEO SURVEILLANCE SYSTEM COMPLETE	31606	22			EA	VIDEO SURVEIL SYS
	VIDEO SURVEILLANCE SYSTEM COMPLETE	31606M	22			EA	VIDEO SURVEIL SYS
	VIDEO, WIDE ANGLE, DETECTION SYSTEM COMPLETE	31605	22			EA	VIDEO WA DET SYS
	VIDEO, WIDE ANGLE, DETECTION SYSTEM COMPLETE	31605M	22			EA	VIDEO WA DET SYS
	VINES	56508	22			EA	VINES
	VINES	56508M	22			EA	VINES
D	VINES, COLLECTED J	56509	22			EA	VINES COLLECTED J
D	VINES, COLLECTED J	56509M	22			EA	VINES COLLECTED J
	WALL PANEL, ABSORPTIVE NOISE WALL, PRECAST CONCRETE	25524	19	7	16	SQFT	WALL PANEL ABS PRCON
	WALL PANEL, ABSORPTIVE NOISE WALL, PRECAST CONCRETE	25524M	19	7	16	SQ M	WALL PANEL ABS PRCON
	WALL PANEL, REFLECTIVE NOISE WALL, PRECAST CONCRETE	25520	19	7	16	SQFT	WALL PANEL REF PRCON
	WALL PANEL, REFLECTIVE NOISE WALL, PRECAST CONCRETE	25520M	19	7	16	SQ M	WALL PANEL REF PRCON
D	WALL PANEL, PRECAST NOISE ABATEMENT	25509				EA	WALL PANEL PRCST ABT
	WALL, PRECAST MODULAR RETAINING	25522				EA	WALL PRCST MOD
D	WALL, RETAINING, PRECAST PRESTRESSED CONCRETE	27803	16	19	13	LINFT	WALL RET PPCONC
D	WALL, RETAINING, PRECAST PRESTRESSED CONCRETE	27803M	16	19	13	METER	WALL RET PPCONC
	WALL, TIMBER RETAINING	35511	22	16		SQFT	WALL TIMBER RETAIN
	WALL, TIMBER RETAINING	35511M	22	16		SQ M	WALL TIMBER RETAIN

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	WARM MIX ASPHALT, EXPERIMENTAL, MISTIC TRACKING	18888				TONS	WMA EXPERIMENTAL
	WASHER, AASHTO M293 CARBON STEEL GALV.	67801M	14			EA	WASHER M293 CSTL GV
D	WASHER, AASHTO M293, WEATHERING STEEL GALV.	67818M	14			EA	WASHER M293 WTHSTLGV
D	WASHER, ALUMINUM	77801	14			LB	WASHER AL
D	WASHER, ALUMINUM	77801M	14			KG	WASHER AL
D	WASHER, ASTM A 325, TYPE 3 CARBURIZED	65704	14			LB	WASHER A325 TY3
D	WASHER, ASTM A 325, TYPES 1-2 CARBURIZED	65703	14			LB	WASHER A325 TY1-2
	WASHER, ASTM F 436, CARBON STEEL	65701	14			LB	WASHER F436 CRBN STL
	WASHER, ASTM F 436, CARBON STEEL	65701M	14			EA	WASHER F436 CRBN STL
	WASHER, ASTM F 436, CARBON STEEL GALV.	67801	14			PC	WASHER F436 CSTL GV
	WASHER, ASTM F 436, WEATHERING STEEL	65702	14			LB	WASHER F436 WTHR STL
D	WASHER, ASTM F436, WEATHERING STEEL GALV.	67818	14			PC	WASHER F436 WTHSTLGV
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, A325 BLACK	67819	14			PC	WASHER F959 DTI 325B
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, A325 GALV	67820	14			PC	WASHER F959 DTI 325G
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, A490 BLACK	67821	14			PC	WASHER F959 DTI 490B
D	WASHER, ASTM F959, DIRECT TENSION INDICATOR, A490 GALV	67822	14			PC	WASHER F959 DTI 490G
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, TYPE 325 BLACK	67819M	14			EA	WASHER F959 DTI 325B
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, TYPE 325 GALV	67820M	14			EA	WASHER F959 DTI 325G
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, TYPE 490 BLACK	67821M	14			EA	WASHER F959 DTI 490B
D	WASHER, ASTM F959, DIRECT TENSION INDICATOR, TYPE 490 GALV	67822M	14			EA	WASHER F959 DTI 490G
	WASHER, BEVELED	67808	14			PC	WASHER BEVELED
	WASHER, BEVELED	67808M	14			EA	WASHER BEVELED
	WASHER, BEVELED, GALV.	67809	14			PC	WASHER BEVELED GALV
	WASHER, BEVELED, GALV.	67809M	14			EA	WASHER BEVELED GALV

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WASHER, BEVELED, STAINLESS STEEL	67816	14			PC	WASHER BEVEL SSTL
D	WASHER, BEVELED, STAINLESS STEEL	67816M	14			EA	WASHER BEVEL SSTL
	WASHER, FLAT, ASTM A240, TYPE 302 OR 304, STAINLESS STEEL	67806	14			PC	WASHER T302 - 4FSSTL
	WASHER, FLAT, ASTM A240, TYPE 302 OR 304, STAINLESS STEEL	67806M	14			EA	WASHER T302 - 4FSSTL
D	WASHER, FLAT, ASTM A276, TYPE 410, STAINLESS STEEL	67817	14			PC	WASHER T410 FSSTL
D	WASHER, FLAT, ASTM A276, TYPE 410, STAINLESS STEEL	67817M	14			EA	WASHER T410 FSSTL
D	WASHER, FLAT, CADMIUM PLATED, CARBON STEEL	67813	14			PC	WASHER FLAT CDPLCSTL
D	WASHER, FLAT, CADMIUM PLATED, CARBON STEEL	67813M	14			EA	WASHER FLAT CDPLCSTL
	WASHER, FLAT, CARBON STEEL	67802	14			PC	WASHER FLAT CSTL
	WASHER, FLAT, CARBON STEEL	67802M	14			EA	WASHER FLAT CSTL
	WASHER, FLAT, GALV, CARBON STEEL	67804	14			PC	WASHER FLAT GV CSTL
	WASHER, FLAT, GALV, CARBON STEEL	67804M	14			EA	WASHER FLAT GV CSTL
	WASHER, LOCK, ASTM A240, TYPE 302 OR 304, STAINLESS STEEL	67807	14			PC	WASHER T302 - 4LSSTL
	WASHER, LOCK, ASTM A240, TYPE 302 OR 304, STAINLESS STEEL	67807M	14			EA	WASHER T302 - 4LSSTL
D	WASHER, LOCK, CADMIUM PLATED, CARBON STEEL	67814	14			PC	WASHER LOCK CDPLCSTL
D	WASHER, LOCK, CADMIUM PLATED, CARBON STEEL	67814M	14			EA	WASHER LOCK CDPLCSTL
	WASHER, LOCK, CARBON STEEL	67803	14			PC	WASHER LOCK CSTL
	WASHER, LOCK, CARBON STEEL	67803M	14			EA	WASHER LOCK CSTL
	WASHER, LOCK, GALV, CARBON STEEL	67805	14			PC	WASHER LOCK GV CSTL
	WASHER, LOCK, GALV, CARBON STEEL	67805M	14			EA	WASHER LOCK GV CSTL
D	WASHER, O.G.	67810	14			PC	WASHER O G
D	WASHER, O.G.	67810M	14			EA	WASHER O G
D	WASHER, O.G., GALV.	67811	14			PC	WASHER O G GALV
D	WASHER, O.G., GALV.	67811M	14			EA	WASHER O G GALV

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	WASHER, SQUARE, GALV	67815	14	16	13	PC	WASHER SQUARE GALV
	WASHER, SQUARE, GALV	67815M	14	16	13	EA	WASHER SQUARE GALV
D	WASHER, TRACK, SPRING, AREA	67812	14			PC	WASHER TRACK SP AREA
D	WASHER, TRACK, SPRING, AREA	67812M	14			EA	WASHER TRACK SP AREA
	WATER	42501				GAL	WATER
	WATER	42501M				LITER	WATER
D	WATER REDUCING ADMIXTURE, TYPE A, MASTER PAVE	42330				GAL	WAREDU AD TYA MPV
D	WATER REDUCING ADMIXTURE, TYPE A, PRO-KRETE-N3	42326				GAL	WAREDU AD TYA PROKN3
D	WATER REDUCING ADMIXTURE, TYPE F, MELMENT 50	42334				GAL	WAREDU AD TYF MEL50
D	WATER REDUCING ADMIXTURE, TYPE F, PSP-N2	42328				GAL	WAREDU AD TYF PSP-N2
D	WATER REDUCING ADMIXTURE, TYPEA, PRO-KRETE-N	40326				GAL	WAREDU AD TYPEA PRON
D	WATER REDUCING ADMIXTURES, TYPE A MASTER PAVE-N	42349				GAL	WAREDU AD TYA MPV-N
D	WATER REDUCING ADMIXTURES, TYPE A, AQUANIL ANIL	42307				GAL	WAREDU AD TYA ANIL
D	WATER REDUCING ADMIXTURES, TYPE A, AQUANIL-N	42351				GAL	WAREDU AD TYA ANIL-N
D	WATER REDUCING ADMIXTURES, TYPE A, CATEXOL 1000N	42346				GAL	WAREDU AD TYA CAT N
D	WATER REDUCING ADMIXTURES, TYPE A, CHEMSTRONG A STRA	42302				GAL	WAREDU AD TYA A STRA
D	WATER REDUCING ADMIXTURES, TYPE A, CORMIX P4	42352				GAL	WAREDU TYA CORMIX P4
D	WATER REDUCING ADMIXTURES, TYPE A, DARACEM 55	42356				GAL	WAREDU TYA DARACM 55
D	WATER REDUCING ADMIXTURES, TYPE A, EUCON WR 75	42340				GAL	WAREDU ADTYA EUCON75
D	WATER REDUCING ADMIXTURES, TYPE A, LC-400	42337				GAL	WAREDU TYA LC-400
D	WATER REDUCING ADMIXTURES, TYPE A, LIQUID CEMENT	42317				GAL	WAREDU AD TYA LIQCMT
D	WATER REDUCING ADMIXTURES, TYPE A, LOMAR D	42315				GAL	WAREDU AD TYA LOM D
D	WATER REDUCING ADMIXTURES, TYPE A, LUBRICON 200 LUBW	42301				GAL	WAREDU AD TYA LUBW
D	WATER REDUCING ADMIXTURES, TYPE A, LUBRICON 300	42316				GAL	WAREDU AD TYA LU300

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WATER REDUCING ADMIXTURES, TYPE A, MULCOPLAST CF	42313				GAL	WAREDU AD TYA MP-CF
D	WATER REDUCING ADMIXTURES, TYPE A, PARACEM 50	42358				GAL	WAREDU TYA PRCM 50
D	WATER REDUCING ADMIXTURES, TYPE A, PLACEWEL LS	42322				GAL	WAREDU AD TYA PLCLS
D	WATER REDUCING ADMIXTURES, TYPE A, PLASTIMENT N PLAN	42309				GAL	WAREDU AD TYA PLAN
D	WATER REDUCING ADMIXTURES, TYPE A, PLASTOCRETE 161	42318				GAL	WAREDU AD TYA PLA161
D	WATER REDUCING ADMIXTURES, TYPE A, POLYHEED	42357				GAL	WAREDU TYA POLYHEED
D	WATER REDUCING ADMIXTURES, TYPE A, POZZ 122R	42320				GAL	WAREDU AD TYA PZI22R
D	WATER REDUCING ADMIXTURES, TYPE A, POZZ 322N	42323				GAL	WAREDU TYA POZZ322N
D	WATER REDUCING ADMIXTURES, TYPE A, POZZOLITH 220-N	42336				GAL	WAREDU TYA POZZ 220N
D	WATER REDUCING ADMIXTURES, TYPE A, POZZOLITH 84 PZ84	42306				GAL	WAREDU AD TYA PZ84
D	WATER REDUCING ADMIXTURES, TYPE A, PSI - NORMAL	42331				GAL	WAREDU AD TYA PSI-N
D	WATER REDUCING ADMIXTURES, TYPE A, PSI 90	42321				GAL	WAREDU AD TYA PSI 90
D	WATER REDUCING ADMIXTURES, TYPE A, PSI-300N	42343				GAL	WAREDU TYA PSI-300N
D	WATER REDUCING ADMIXTURES, TYPE A, REDI-SET	42324				GAL	WAREDU AD TYA RE-SET
D	WATER REDUCING ADMIXTURES, TYPE A, RELCRETE NW	42303				GAL	WAREDU AD TYA REL NW
D	WATER REDUCING ADMIXTURES, TYPE A, RUMOC RUMO	42308				GAL	WAREDU AD TYA RUMO
D	WATER REDUCING ADMIXTURES, TYPE A, UNIPLAST 500N	42332				GAL	WAREDU ADTYA UNI500N
D	WATER REDUCING ADMIXTURES, TYPE A, WRDA WITH HYCOL HYCL	42305				GAL	WAREDU AD TYA HYCL
D	WATER REDUCING ADMIXTURES, TYPE A, WRDA WRDA	42304				GAL	WAREDU AD TYA WRDA
D	WATER REDUCING ADMIXTURES, TYPE A, WRDA 82	42339				GAL	WAREDU AD TYA WRDA82
D	WATER REDUCING ADMIXTURES, TYPE D, EUCON 75	42342				GAL	WAREDU TYD EUCON 75
D	WATER REDUCING ADMIXTURES, TYPE D, POZZOLITH 220-N	42359				GAL	WAREDU ADTYD POZ220N
D	WATER REDUCING ADMIXTURES, TYPE F A-H SUPER P	42327				GAL	WAREDU AD TYF A-HSUP
D	WATER REDUCING ADMIXTURES, TYPE F, ADMIXTURE LL400-N	42353				GAL	WAREDU TYF ADMX 400N

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WATER REDUCING ADMIXTURES, TYPE F, AQUANIL-SL	42355				GAL	WAREDU TYF ANIL-SL
D	WATER REDUCING ADMIXTURES, TYPE F, CATEXOL 1000MN-SP	42347				GAL	WAREDU TYF CAT MN-SP
D	WATER REDUCING ADMIXTURES, TYPE F, CONCHEM SPL	42354				GAL	WAREDU TYF CNCM SPL
D	WATER REDUCING ADMIXTURES, TYPE F, EUCON 37	42338				GAL	WAREDU ADTYF EUCON37
D	WATER REDUCING ADMIXTURES, TYPE F, FX-32	42311				GAL	WAREDU AD TYF FX-32
D	WATER REDUCING ADMIXTURES, TYPE F, LA-8	42325				GAL	WAREDU AD TYF LA-8
D	WATER REDUCING ADMIXTURES, TYPE F, MELMENT L-10A	42312				GAL	WAREDU AD TYF L-10A
D	WATER REDUCING ADMIXTURES, TYPE F, MELMENT 33	42333				GAL	WAREDU TYF MELMT 33
D	WATER REDUCING ADMIXTURES, TYPE F, MIGHTY 150 MITY	42310				GAL	WAREDU AD TYF MITY
D	WATER REDUCING ADMIXTURES, TYPE F, POZZOLITH 400N	42329				GAL	WAREDU ADF POZZ400N
D	WATER REDUCING ADMIXTURES, TYPE F, POZZOLITH 440-N	42350				GAL	WAREDU TYF POZZ 440N
D	WATER REDUCING ADMIXTURES, TYPE F, RHEOBUILD 1000	42344				GAL	WREDU TYF RHEOBD1000
D	WATER REDUCING ADMIXTURES, TYPE F, SIKAMENT 300	42319				GAL	WAREDU AD TYF SIK300
D	WATER REDUCING ADMIXTURES, TYPE F, UNIPLAST 500S	42345				GAL	WREDU TYF UNI500S
D	WATER REDUCING ADMIXTURES, TYPE F, WRDA-19	42314				GAL	WAREDU AD TYF WRDA19
D	WATER REDUCING ADMIXTURES, TYPE F, PSP-L	42348				GAL	WAREDU TYF PSP-L
D	WATER REDUCING ADMIXTURES, TYPE G, EUCON 537	42341				GAL	WAREDU TYG EUCON 537
D	WATER SEAL, COPPER	61801				LB	WATER SEAL COPPER
	WATER SEAL, P.V.C.	61802				LINFT	WATER SEAL PVC
	WATER SEAL, P.V.C.	61802M				METER	WATER SEAL PVC
D	WATER SEAL, RUBBER	61803				LINFT	WATER SEAL RUBBER
D	WATER SEAL, RUBBER	61803M				METER	WATER SEAL RUBBER
	WATER VALVE	51501	14			EA	WATER VALVE
	WATER VALVE	51501M	14			EA	WATER VALVE

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WATER, REDUCING ADMIXTURE, TYPE G, DARACEM-100	42335				GAL	WAREDU ADTYG DCEM100
	WEED KILLER	80398		61		LB	WEED KILL
	WEED KILLER	80398M		61		KG	WEED KILL
	WEED KILLER	80399		61		GAL	WEED KILL
	WEED KILLER	80399M		61		LITER	WEED KILL
D	WEED KILLER, AMINE-2,4-D (M 39)	80303				GAL	WEED KILL A2,4-D
D	WEED KILLER, AMINE-2,4-D (M 39)	80303M				LITER	WEED KILL A2,4-D
D	WEED KILLER, ARSENAL	80312				GAL	WEED KILL ARSENAL
D	WEED KILLER, ARSENAL	80312M				LITER	WEED KILL ARSENAL
D	WEED KILLER, BROMACIL DIURON	80307				LB	WEED KILL BROMACIL
D	WEED KILLER, BROMACIL DIURON	80307M				KG	WEED KILL BROMACIL
D	WEED KILLER, CHLORSULFURON	80309				LB	WEED KILL CLORSULFUR
D	WEED KILLER, CHLORSULFURON	80309M				KG	WEED KILL CLORSULFUR
D	WEED KILLER, DIURON	80308				LB	WEED KILL DIURON
D	WEED KILLER, DIURON	80308M				KG	WEED KILL DIURON
D	WEED KILLER, ESCORT XP	80325				GAL	WEED KILL ESCORT XP
D	WEED KILLER, ESCORT XP	80325M				LITER	WEED KILL ESCORT XP
D	WEED KILLER, ESCORT XP	80326				LB	WEED KILL ESCORT XP
D	WEED KILLER, ESCORT XP	80326M				KG	WEED KILL ESCORT XP
D	WEED KILLER, ESTER-2(2,4,5-T (M 104)	80305				GAL	WEED KILL E2 2,4,5T
D	WEED KILLER, ESTER-2,4-D (M 11)	80304				GAL	WEED KILL E2,4-D
D	WEED KILLER, ESTER-2,4-D (M 11)	80304M				LITER	WEED KILL E2,4-D
D	WEED KILLER, FUSION	80321				GAL	WEED KILL FUSION
D	WEED KILLER, FUSION	80321M				LITER	WEED KILL FUSION

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WEED KILLER, GARLON 4	80315				GAL	WEED KILL GARLON 4
D	WEED KILLER, GARLON 4	80315M				LITER	WEED KILL GARLON 4
D	WEED KILLER, HORIZON 2000	80314				GAL	WEED KILL HORIZ 2000
D	WEED KILLER, HORIZON 2000	80314M				LITER	WEED KILL HORIZ 2000
D	WEED KILLER, METSULFURON METHYL 60 DF	80329				LB	WEED KILL MSM 60 DF
D	WEED KILLER, METSULFURON METHYL 60 DF	80329M				KG	WEED KILL MSM 60 DF
D	WEED KILLER, MILESTONE VM	80330				GAL	WEED KILL MILESTONE
D	WEED KILLER, MILESTONE VM	80330M				LITER	WEED KILL MILESTONE
D	WEED KILLER, ORYZALIN	80319				GAL	WEED KILL ORYZALIN
D	WEED KILLER, ORYZALIN	80319M				LITER	WEED KILL ORYZALIN
D	WEED KILLER, OUTFRIDER	80322				GAL	WEED KILL OUTFRIDER
D	WEED KILLER, OUTFRIDER	80322M				LITER	WEE KILL OUTFRIDER
D	WEED KILLER, OUTFRIDER	80327				LB	WEED KILL OUTFRIDER
D	WEED KILLER, OUTFRIDER	80327M				KG	WEED KILL OUTFRIDER
D	WEED KILLER, OVERDRIVE	80323				GAL	WEED KILL OVERDRIVE
D	WEED KILLER, OVERDRIVE	80323M				LITER	WEED KILL OVERDRIVE
D	WEED KILLER, OVERDRIVE	80328				LB	WEED KILL OVERDRIVE
D	WEED KILLER, OVERDRIVE	80328M				KG	WEED KILL OVERDRIVE
D	WEED KILLER, PLATEAU	80320				GAL	WEED KILL PLATEAU
D	WEED KILLER, PLATEAU	80320M				LITER	WEED KILL PLATEAU
D	WEED KILLER, RAZOR	80324				GAL	WEED KILL RAZOR
D	WEED KILLER, RAZOR	80324M				LITER	WEED KILL RAZOR
D	WEED KILLER, ROUNDUP HERBICIDE	80317				GAL	WEED KILL ROUNDUP
D	WEED KILLER, ROUNDUP HERBICIDE	80317M				LITER	WEED KILL ROUNDUP

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WEED KILLER, SNAPSHOT 2.5 TG	80331				LB	WEED KILL SNAPSHOT
D	WEED KILLER, SNAPSHOT 2.5 TG	80331M				KG	WEED KILL SNAPSHOT
D	WEED KILLER, TRANSLINE	80313				GAL	WEE KILL TRANSLINE
D	WEED KILLER, TRANSLINE	80313M				LITER	WEED KILL TRANSLINE
D	WEED KILLER, TRICLOPYR	80318				GAL	WEED KILL TRICLOPYR
D	WEED KILLER, TRICLOPYR	80318M				LITER	WEED KILL TRICLOPYR
D	WEED KILLER, VANQUISH	80311				GAL	WEED KIL VANQUISH
D	WEED KILLER, VANQUISH	80311M				LITER	WEED KIL VANQUISH
D	WEED KILLER, 2, 4-D, DICAMBA MIX	80306				GAL	WEED KILL 2 4D DICAM
D	WEED KILLER, 2, 4-D, DICAMBA MIX	80306M				LITER	WEED KILL 2 4D DICAM
D	WEED KILLER, 2, 4-D, LV4	80316				GAL	WEED KILL 2 4D LV4
D	WEED KILLER, 2, 4-D, LV4	80316M				LITER	WEED KILL 2 4D LV4
D	WEED KILLER, 2, 4-D, PICLORAM MIX	80310				GAL	WEED KIL 2 4D PICLR
D	WEED KILLER, 2, 4-D, PICLORAM MIX	80310M				LITER	WEED KIL 2 4D PICLR
	WEIGH-IN-MOTION SYSTEM(WIM)	72029	27			EA	WEIGH-IN-MOTION SYS
D	WELD, ALUMINUM TRUSS	78401				N/A	WELD AL TRUSS
D	WELD, ALUMINUM TRUSS	78401M				NA	WELD AL TRUSS
	WELD, PILING SPLICE	37151				N/A	WELD PILING SPLICE
	WELD, PILING SPLICE	37151M				NA	WELD PILING SPLICE
D	WELD, REINFORCING BAR	62912	39			N/A	WELD REINFORCING BAR
D	WELD, REINFORCING BAR	62912M	39			NA	WELD REINFORCING BAR
D	WELD, STEEL PIPE	68006				N/A	WELD STEEL PIPE
D	WELD, STEEL PIPE	68006M				NA	WELD STEEL PIPE
D	WELD, STRUCTURAL STEEL	68013				N/A	WELD STRUCT STEEL

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WELD, STRUCTURAL STEEL	68013M				NA	WELD STRUCT STEEL
	WHEEL STOPS, PRECAST CONCRETE	25512	13	19	11	EA	WHEEL STOP PRCCONC
	WHEEL STOPS, PRECAST CONCRETE	25512M	13	19	11	EA	WHEEL STOP PRCCONC
	WHITEWASHING, CONCRETE PAVEMENT	41105				GAL	WHITEWASHNG CONC PAV
	WHITEWASHING, CONCRETE PAVEMENT	41105M				LITER	WHITEWASHNG CONC PAV
	WIND CONE, 12 FOOT	72011				EA	WIND CONE 12 FT
	WIND CONE, 12 FOOT	72011M				EA	WIND CONE 12 FT
	WIND CONE, 8 FOOT	72010				EA	WIND CONE 8 FT
	WIND CONE, 8 FOOT	72010M				EA	WIND CONE 8 FT
	WINGWALL, PRECAST CONCRETE	25507	11	19	7	SQFT	WINGWALL PRCONC
	WINGWALL, PRECAST CONCRETE	25507M	11	19	7	SQ M	WINGWALL PRCONC
	WIRE & TUBING, DETECTOR LOOP	31603	20	33		LINFT	WIRE & TUBE DET LOOP
	WIRE & TUBING, DETECTOR LOOP	31603M	20	33		METER	WIRE & TUBE DET LOOP
	WIRE, BARB, ALUMINUM COATED STEEL	57601	20			LINFT	WIRE BARB ALCT STL
	WIRE, BARB, ALUMINUM COATED STEEL	57601M	20			METER	WIRE BARB ALCT STL
	WIRE, BARB, GALVANIZED STEEL	57602	20			LINFT	WIRE BARB GALV STL
	WIRE, BARB, GALVANIZED STEEL	57602M	20			METER	WIRE BARB GALV STL
	WIRE, BARE COUNTERPOISE	30608				LINFT	WIRE BARE CNTRPOISE
	WIRE, BARE COUNTERPOISE	30608M				METER	WIRE BARE CNTRPOISE
	WIRE, BARE GROUND, COPPER	30603	20			LINFT	WIRE BARE GROUND CU
	WIRE, BARE GROUND, COPPER	30603M	20			METER	WIRE BARE GROUND CU
	WIRE, COLD DRAWN, SMOOTH	63001	51			LB	WIRE CLDDW SM M32
	WIRE, COLD DRAWN, SMOOTH	63001M	51			KG	WIRE CLDDW SM M32
D	WIRE, COLD DRAWN, SMOOTH, FOR WELDED FABRIC AASHTO M-32	63002	51			LB	WIRE CLDDW SMWEFAB

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WIRE, COLD DRAWN, SMOOTH, FOR WELDED FABRIC AASHTO M32	63002M	51			KG	WIRE CLDDW SMWEFAB
D	WIRE, COLD WORKED, DEFORMED, AASHTO M-225	63003	51			LB	WIRE CLDWK DF M225
D	WIRE, COLD WORKED, DEFORMED, AASHTO M225	63003M	51			KG	WIRE CLDWK DF M225
D	WIRE, COLD WORKED, DEFORMED, FOR WELDED FABRIC, AASHTO M-225	63004	51			LB	WIRE CLDWK DF WEFAB
D	WIRE, COLD WORKED, DEFORMED, FOR WELDED FABRIC, AASHTO M225	63004M	51			KG	WIRE CLDWK DF WEFAB
	WIRE, GUY	31604	14			LINFT	WIRE GUY
	WIRE, GUY	31604M	14			METER	WIRE GUY
D	WIRE, PRESTRESSING, BUTTON ANCHORAGE AASHTO M-204, TYPE BA	63103	14			LINFT	WIRE PRESTRESS TYBA
D	WIRE, PRESTRESSING, BUTTON ANCHORAGE AASHTO M204, TYPE BA	63103M	14			METER	WIRE PRESTRESS TYBA
D	WIRE, PRESTRESSING, WEDGE ANCHORAGE AASHTO M-204, TYPE WA	63104	14			LINFT	WIRE PRESTRESS TYWA
D	WIRE, PRESTRESSING, WEDGE ANCHORAGE AASHTO M204, TYPE WA	63104M	14			METER	WIRE PRESTRESS TYWA
	WIRE, SPAN WITH CONDUCTOR	30601	14	38		LINFT	WIRE SPAN CD
	WIRE, SPAN WITH CONDUCTOR	30601M	14	38		METER	WIRE SPAN CD
	WIRE, SPAN WITH CONDUCTOR, ALUMINUM	30605	14	38		LINFT	WIRE SPAN CD AL
	WIRE, SPAN WITH CONDUCTOR, ALUMINUM	30605M	14	38		METER	WIRE SPAN CD AL
	WIRE, SPAN WITHOUT CONDUCTOR	30602	14			LINFT	WIRE SPAN NCD
	WIRE, SPAN WITHOUT CONDUCTOR	30602M	14			METER	WIRE SPAN NCD
D	WIRE, SPAN WITHOUT CONDUCTOR, ALUMINUM	30606	14			LINFT	WIRE SPAN NCD AL
D	WIRE, SPAN WITHOUT CONDUCTOR, ALUMINUM	30606M	14			METER	WIRE SPAN NCD AL
	WIRE, TETHER	30604	14			LINFT	WIRE TETHER
	WIRE, TETHER	30604M	14			METER	WIRE TETHER
	WYE BRANCH, JOINT MECHANICAL	51309	14	82	56	EA	WYE BRANCH JNT MECH
	WYE BRANCH, JOINT MECHANICAL	51309M	14	82	56	EA	WYE BRANCH JNT MECH
D	WYE, CIRC, HELI CORR, GALV STEEL	45311	14X14			EA	WYE CIRC HCGS

SEQ: FULL NAME

REPORT: MIRF23M OPT 4

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WYE, CIRC, HELI CORR, GALV STEEL	45311M	14X14			EA	WYE CIRC HCGS
D	WYE, CLAY PIPE	50305	14X14	56		EA	WYE CLAY PIPE
D	WYE, CLAY PIPE	50305M	14X14	56		EA	WYE CLAY PIPE
D	WYE, NON-REINFORCED CONCRETE	48005	14X14	56	31	EA	WYE NONREINFOR CONC
D	WYE, NON-REINFORCED CONCRETE	48005M	14X14	56	31	EA	WYE NONREINFOR CONC
D	WYE, POLY-VINYL CHLORIDE PIPE	49207	14X14	56		EA	WYE PVC PIPE
D	WYE, POLY-VINYL CHLORIDE PIPE	49207M	14X14	56		EA	WYE PVC PIPE
	WYE, REINFORCED CONCRETE	48004	82	56		EA	WYE REINFOR CONC
	WYE, REINFORCED CONCRETE	48004M	82	56		EA	WYE REINFOR CONC
	YOUNG PLANT, ALL TYPES	56502	22			EA	YOUNG PLANT ALL TYPE
	YOUNG PLANT, ALL TYPES	56502M	22			EA	YOUNG PLANT ALL TYPE

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	LIMESTONE, AGRICULTURAL	002FAM00				M TON	LIME AG
	DUST, KILN, AGRICULTURAL	002FAM02				M TON	DUST KILN AGRICULTUR
	LIMESTONE, AGRICULTURAL	002FA00				TONS	LIME AG
	DUST, KILN, AGRICULTURAL	002FMM00				M TON	DUST KILN AGRICULTUR
	DUST, KILN, AGRICULTURAL	002FM00				TONS	DUST KILN AGRICULTUR
D	LIMESTONE, AGRICULTURAL, LIQUID	002FM01				TONS	LIME AG LIQUID
	LIME, HYDRATED	003FAM00				M TON	LIME HYDRATED
D	LIME, BY-PRODUCT	003FAM01				M TON	LIME BYPROD
D	LIME, BY-PRODUCT POLYHYDRATE	003FAM02				M TON	LIME BYPROD POLYHYDR
D	LIME, POLY M	003FAM03				M TON	LIME, POLY M
	LIME, PELLETIZED	003FAM04				M TON	LIME PELLETIZED
	LIME, QUICK	003FAM05				M TON	LIME QUICK
	LIME, BY-PRODUCT HYDRATED	003FAM06				M TON	LIME BY-PROD HYD
	LIME, BY-PRODUCT NON-HYDRATED	003FAM07				M TON	LIME BY-PROD NONHYD
	LIME, HYDRATED	003FA00				TONS	LIME HYDRATED
D	LIME, BY-PRODUCT	003FA01				TONS	LIME BYPROD
D	LIME, BY-PRODUCT POLYHYDRATE	003FA02				TONS	LIME BYPROD POLYHYDR
D	LIME, POLY M	003FA03				TONS	LIME, POLY M
	LIME, PELLETIZED	003FA04				TONS	LIME PELLETIZED
	LIME, QUICK	003FA05				TONS	LIME QUICK
	LIME, BY-PRODUCT HYDRATED	003FA06				TONS	LIME BY-PROD HYD
	LIME, BY-PRODUCT NON-HYDRATED	003FA07				TONS	LIME BY-PROD NONHYD
	MINERAL FILLER	004MFM01				M TON	MINERAL FILLER
	DUST, COLLECTED	004MFM02				M TON	DUST COLLECTED

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	DUST, KILN	004MFM03				M TON	DUST KILN
	MINERAL FILLER	004MF01				TONS	MINERAL FILLER
	DUST, COLLECTED	004MF02				TONS	DUST COLLECTED
	DUST, KILN	004MF03				TONS	DUST KILN
	FLY ASH	005MFM01				M TON	FLY ASH
	FLY ASH	005MF01				TONS	FLY ASH
D	BOTTOM ASH, FLUIDIZED BED	005MF02				TONS	BOTTOM ASH FLUID BED
	SEALANT AGGREGATE, PRIME COAT	006FAM01				M TON	SEAL AGG PRIME COAT
	SEALANT AGGREGATE, PRIME COAT	006FAM02				M TON	SEAL AGG PRIME COAT
	SEALANT AGGREGATE, PRIME COAT	006FA01				TONS	SEAL AGG PRIME COAT
	SEALANT AGGREGATE, PRIME COAT	006FA02				TONS	SEAL AGG PRIME COAT
D	SEALANT AGGREGATE, PRIME COAT	006FA03				TONS	SEAL AGG PRIME COAT
	SEALANT AGGREGATE, PRIME COAT	006FM01				TONS	SEAL AGG PRIME COAT
	SEALANT AGGREGATE, PRIME COAT	006FM02				TONS	SEAL AGG PRIME COAT
D	SEALANT AGGREGATE, PRIME COAT	006FM03				TONS	SEAL AGG PRIME COAT
	SEALANT AGGREGATE, RESINOUS DECK	007FMM00				M TON	SEAL AGG RESIN DECK
	SEALANT AGGREGATE, RESINOUS DECK	007FM00				TONS	SEAL AGG RESIN DECK
	SAND, FINE BLEND	008FAM10				M TON	SAND FINE BLEND
	SAND, FINE BLEND	008FA10				TONS	SAND FINE BLEND
	SAND, FINE BLEND	008FMM10				M TON	SAND FINE BLEND
	SAND, FINE BLEND	008FM10				TONS	SAND FINE BLEND
	MORTAR	010FAM09				M TON	MORTAR
	MORTAR	010FA09				TONS	MORTAR
D	MORTAR	010FM09				TONS	MORTAR

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ICE CONTROL	011CMM00				M TON	ICE CONTROL
D	ICE CONTROL	011CM00				TONS	ICE CONTROL
D	ICE CONTROL	011FMM01				M TON	ICE CONTROL
D	ICE CONTROL	011FM01				TONS	ICE CONTROL
D	BLOTTER	012CAM15				M TON	BLOTTER
D	BLOTTER	012CA13				TONS	BLOTTER
	BLOTTER	012CA14				TONS	BLOTTER
D	BLOTTER	012CA15				TONS	BLOTTER
D	BLOTTER	012CA16				TONS	BLOTTER
	BLOTTER	012CMM13				M TON	BLOTTER
	BLOTTER	012CMM14				M TON	BLOTTER
	BLOTTER	012CMM15				M TON	BLOTTER
	BLOTTER	012CMM16				M TON	BLOTTER
	BLOTTER	012CM13				TONS	BLOTTER
	BLOTTER	012CM14				TONS	BLOTTER
	BLOTTER	012CM15				TONS	BLOTTER
	BLOTTER	012CM16				TONS	BLOTTER
D	BLOTTER	012FAM01				M TON	BLOTTER
	BLOTTER	012FAM04				M TON	BLOTTER
D	BLOTTER	012FA01				TONS	BLOTTER
D	BLOTTER	012FA02				TONS	BLOTTER
D	BLOTTER	012FA03				TONS	BLOTTER
	BLOTTER	012FA04				TONS	BLOTTER
D	BLOTTER	012FA05				TONS	BLOTTER

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BLOTTER	012FA06				TONS	BLOTTER
D	BLOTTER	012FA07				TONS	BLOTTER
D	BLOTTER	012FA08				TONS	BLOTTER
D	BLOTTER	012FA09				TONS	BLOTTER
D	BLOTTER	012FA10				TONS	BLOTTER
D	BLOTTER	012FMM01				M TON	BLOTTER
	BLOTTER	012FMM06				M TON	BLOTTER
D	BLOTTER	012FM01				TONS	BLOTTER
D	BLOTTER	012FM02				TONS	BLOTTER
D	BLOTTER	012FM03				TONS	BLOTTER
D	BLOTTER	012FM04				TONS	BLOTTER
D	BLOTTER	012FM05				TONS	BLOTTER
	BLOTTER	012FM06				TONS	BLOTTER
D	BLOTTER	012FM07				TONS	BLOTTER
D	BLOTTER	012FM08				TONS	BLOTTER
D	BLOTTER	012FM09				TONS	BLOTTER
D	BLOTTER	012FM10				TONS	BLOTTER
	STONE SCREENINGS	013FAM05				M TON	STONE SCREENINGS
	STONE SCREENINGS	013FA05				TONS	STONE SCREENINGS
	STONE SCREENINGS	013FMM05				M TON	STONE SCREENINGS
	STONE SCREENINGS	013FM05				TONS	STONE SCREENINGS
D	GRANULAR MATERIALS, POROUS	014CAM06				M TON	GRAN MTLs POROUS
	GRANULAR MATERIALS, POROUS	014CAM18				M TON	GRAN MTLs POROUS
D	GRANULAR MATERIALS, POROUS	014CA06				TONS	GRAN MTLs POROUS

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GRANULAR MATERIALS, POROUS	014CA18				TONS	GRAN MTLs POROUS
D	GRANULAR MATERIALS, POROUS	014CMM06				M TON	GRAN MTLs POROUS
	GRANULAR MATERIALS, POROUS	014CMM18				M TON	GRAN MTLs POROUS
D	GRANULAR MATERIALS, POROUS	014CM06				TONS	GRAN MTLs POROUS
	GRANULAR MATERIALS, POROUS	014CM18				TONS	GRAN MTLs POROUS
	GRANULAR MATERIALS, SUBGRADE	014CS01				TONS	GRAN MTLs SUBGRADE
	GRANULAR MATERIALS, SUBGRADE	014CS02				TONS	GRAN MTLs SUBGRADE
	GRANULAR MATERIALS, POROUS	014FAM01				M TON	GRAN MTLs POROUS
	GRANULAR MATERIALS, POROUS	014FA01				TONS	GRAN MTLs POROUS
D	GRANULAR MATERIALS, POROUS	014FA02				TONS	GRAN MTLs POROUS
D	GRANULAR MATERIALS, POROUS	014FA06				TONS	GRAN MTLs POROUS
D	GRANULAR MATERIALS, NONPOROUS	015CAM17				M TON	GRAN MTLs NONPOROUS
D	GRANULAR MATERIALS, NONPOROUS	015CA17				TONS	GRAN MTLs NONPOROUS
D	GRANULAR MATERIALS, NONPOROUS	015CM17				TONS	GRAN MTLs NONPOROUS
	TRENCH BACKFILL & BEDDING	016CAM05				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CAM06				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CAM07				M TON	TRENCH BFILL & BED
	TRENCH BACKFILLE & BEDDING	016CAM11				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CAM12				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CAM16				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CAM18				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CA05				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CA06				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CA07				TONS	TRENCH BFILL & BED

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	TRENCH BACKFILL & BEDDING	016CA10				TONS	TRENCH BFILL & BED
	TRENCH BACKFILLE & BEDDING	016CA11				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CA12				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CA16				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CA18				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CMM05				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CMM07				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CMM11				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CMM14				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CMM16				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CM05				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CM07				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CM11				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CM14				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016CM16				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FAM01				M TON	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FAM02				M TON	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FAM03				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FAM05				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FAM06				M TON	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FAM20				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FAM21				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FA01				TONS	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FA02				TONS	TRENCH BFILL & BED

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	TRENCH BACKFILL & BEDDING	016FA03				TONS	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FA04				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FA05				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FA06				TONS	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FA20				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FA21				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FMM02				M TON	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FMM04				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FMM06				M TON	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FMM20				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FMM21				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FM01				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FM02				TONS	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FM03				TONS	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FM04				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FM05				TONS	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FM06				TONS	TRENCH BFILL & BED
D	TRENCH BACKFILL & BEDDING	016FM20				M TON	TRENCH BFILL & BED
	TRENCH BACKFILL & BEDDING	016FM21				TONS	TRENCH BFILL & BED
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CAM02				M TON	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CAM06				M TON	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CAM10				M TON	AGG RECYCLED BIT MIX
D	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CAM11				M TON	AGG RECYCLED BIT MIX
D	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CAM16				M TON	AGG RECYCLED BIT MIX

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CA02				TONS	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CA06				TONS	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CA10				TONS	AGG RECYCLED BIT MIX
D	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CA11				TONS	AGG RECYCLED BIT MIX
D	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CA16				TONS	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CMM00				M TON	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CMM01				M TON	AGG RECYCLED BIT MIX
D	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CMM02				M TON	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CMM06				M TON	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CMM10				M TON	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CMM11				M TON	AGG RECYCLED BIT MIX
D	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CMM12				M TON	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CMM13				M TON	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CMM16				M TON	AGG RECYCLED BIT MIX
D	AGGREGATE, RECLAIMED BITUMINOUS POROUS GRANULAR EMBANKMEN	017CMM18				M TON	AGG RECLAIMED PGE
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CM00				TONS	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CM01				TONS	AGG RECYCLED BIT MIX
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT, 1" MINUS	017CM0100				TONS	AGG FRAP 1" MINUS
D	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CM02				TONS	AGG RECYCLED BIT MIX
D	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, #4 MINUS	017CM0400				TONS	AGG FRAP #4 MINUS
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CM06				TONS	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CM10				TONS	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CM11				TONS	AGG RECYCLED BIT MIX
D	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CM12				TONS	AGG RECYCLED BIT MIX

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT, 1/2 MINUS	017CM1200				TONS	AGG FRAP 1/2 MINUS
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, 1/2-#4	017CM1204				TONS	AGG FRAP 1/2-#4
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, 1/2-1/4	017CM1214				TONS	AGG FRAP 1/2-1/4
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT, 1/2 - #30	017CM1230				TONS	AGG FRAP 1/2 - #30
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CM13				TONS	AGG RECYCLED BIT MIX
	AGGREGATE, RECYCLED BITUMINOUS MIXTURE	017CM16				TONS	AGG RECYCLED BIT MIX
D	AGGREGATE, RECLAIMED BITUMINOUS POROUS GRANULAR EMBANKMENT	017CM18				TONS	AGG RECLAIMED PGE
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT, 3/4 MINUS	017CM3400				TONS	AGG FRAP 3/4 MINUS
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, 3/4 - #4	017CM3404				TONS	AGG FRAP 3/4 - #4
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, 3/4 - 3/8	017CM3438				TONS	AGG FRAP 3/4 - 3/8
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, 3/8 - #4	017CM3804				TONS	AGG FRAP 3/8 - #4
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, 5/8 - #4	017CM5804				TONS	AGG FRAP 5/8 - #4
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, 5/8 - 3/8	017CM5838				TONS	AGG FRAP 5/8 - 3/8
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, #4 MINUS	017FM0400				TONS	AGG FRAP #4 MINUS
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, 1/4 MIN	017FM1400				TONS	AGG FRAP 1/4 MINUS
	AGGREGATE, FRACTIONATED RECLAIMED ASPHALT PAVEMENT, 3/8 MIN	017FM3800				TONS	AGG FRAP 3/8 MINUS
	AGGREGATE, RAS, POST-CONSUMER, TYPE 2, TROMMEL FLAKES	017FM96				TONS	AGG RAS PSTCN TY2 TF
	AGGREGATE, RECLAIMED ASPHALT SHINGLES, POST-CONSUMER, TYPE 2	017FM98				TONS	AGG RAS POSTCON TY2
	AGGREGATE, RECLAIMED ASPHALT SHINGLES, PRECONSUMER, TYPE 1	017FM99				TONS	AGG RAS PRECON TY1
	ROCKFILL, ETC.	018CMM00				M TON	ROCKFILL ETC.
	ROCKFILL, ETC.	018CMM01				M TON	ROCKFILL ETC.
	ROCKFILL, ECT.	018CMM03				M TON	ROCKFILL ECT.
	ROCKFILL, ETC.	018CMM05				M TON	ROCKFILL ETC.
	ROCKFILL, ETC.	018CM00				TONS	ROCKFILL ETC.

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ROCKFILL, ETC.	018CM01				TONS	ROCKFILL ETC.
	ROCKFILL, ECT.	018CM03				TONS	ROCKFILL ECT.
	ROCKFILL, ETC.	018CM05				TONS	ROCKFILL ETC.
D	ROCKFILL, RIPRAP	018RRM03				M TON	ROCKFILL RIPRAP
D	ROCKFILL, RIPRAP	018RR03				TONS	ROCKFILL RIPRAP
	SPECIAL AGGREGATE	019CAM03				M TON	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CAM05				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CAM06				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CAM07				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CAM11				M TON	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CAM12				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CAM18				M TON	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CAM19				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CA01				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CA02				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CA03				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CA04				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CA05				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CA06				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CA07				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CA08				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CA09				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CA10				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CA11				TONS	SPECIAL AGGREGATE

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MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL AGGREGATE	019CA12				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CA13				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CA14				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CA15				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CA16				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CA17				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CA18				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CA19				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CMM00				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CMM01				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CMM06				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CMM07				M TON	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CMM12				M TON	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CMM14				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CMM18				M TON	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CMM19				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM00				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM01				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM02				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM03				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CM04				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CM05				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM06				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM07				TONS	SPECIAL AGGREGATE

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MATERIAL GROUP: 001 AGGREGATES

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL AGGREGATE	019CM08				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM09				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CM10				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM11				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CM12				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM13				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CM14				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CM15				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM16				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CM17				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019CM18				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019CM19				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE, SUBGRADE	019CS01				TONS	SPECIAL AGG SUBGRADE
	SPECIAL AGGREGATE, SUBGRADE	019CS02				TONS	SPECIAL AGG SUBGRADE
	SPECIAL AGGREGATE	019FAM04				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019FAM06				M TON	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FAM09				M TON	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FA01				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FA02				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FA03				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019FA04				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FA05				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019FA06				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FA07				TONS	SPECIAL AGGREGATE

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MATERIAL GROUP: 001 AGGREGATES

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL AGGREGATE	019FA08				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FA09				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FA10				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019FA20				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019FMM04				M TON	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FMM05				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019FMM06				M TON	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019FMM21				M TON	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FM01				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FM02				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FM03				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019FM04				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FM05				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019FM06				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FM07				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FM08				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FM09				TONS	SPECIAL AGGREGATE
D	SPECIAL AGGREGATE	019FM10				TONS	SPECIAL AGGREGATE
	SPECIAL AGGREGATE	019FM21				TONS	SPECIAL AGGREGATE
	GRAVEL, CLASS A QUALITY	020CAM05				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY	020CAM07				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CAM071				M TON	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CAM11				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CAM111				M TON	GRAVEL CLAQ SU

SEQ: MATCODE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CLASS A QUALITY	020CAM13				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY	020CAM14				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CAM141				M TON	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CAM15				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY	020CAM16				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CAM161				M TON	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CA01				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA0101				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CA02				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA0201				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CA03				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA0301				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CA04				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA0401				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CA05				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA0501				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CA06				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA0601				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CA07				TONS	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA0701				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CA08				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA0801				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CA09				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA0901				TONS	GRAVEL CLAQ SU

SEQ: MATCODE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CLASS A QUALITY	020CA10				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA1001				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CA11				TONS	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA1101				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CA12				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA1201				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CA13				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA1301				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CA14				TONS	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA1401				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CA15				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA1501				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CA16				TONS	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CA1601				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CA20				TONS	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY	020CMM05				M TON	GRAVEL CL A Q
	GRAVEL, CLASS A QUALITY	020CMM07				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CMM071				M TON	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CMM11				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CMM111				M TON	GRAVEL, CLAQ SU
	GRAVEL, CLASS A QUALITY	020CMM13				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY	020CMM14				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CMM141				M TON	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CMM15				M TON	GRAVEL CLAQ

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GRAVEL, CLASS A QUALITY	020CMM16				M TON	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CMM161				M TON	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CM01				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM0101				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CM02				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM0201				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CM03				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM0301				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CM04				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM0401				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CM05				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM0501				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CM06				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM0601				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CM07				TONS	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM0701				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CM08				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM0801				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CM09				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM0901				TONS	GRAVEL CLAQ SU
D	GRAVEL, CLASS A QUALITY	020CM10				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM1001				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CM11				TONS	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM1101				TONS	GRAVEL CLAQ SU

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CLASS A QUALITY	020CM12				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM1201				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CM13				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM1301				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CM14				TONS	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM1401				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CM15				TONS	GRAVEL CLAQ
D	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM1501				TONS	GRAVEL CLAQ SU
	GRAVEL, CLASS A QUALITY	020CM16				TONS	GRAVEL CLAQ
	GRAVEL, CLASS A QUALITY SUPERSTRUCTURE	020CM1601				TONS	GRAVEL CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CAM07				M TON	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CAM071				M TON	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CAM11				M TON	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CAM111				M TON	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CAM13				M TON	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CAM131				M TON	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CAM14				M TON	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY	021CAM16				M TON	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CAM161				M TON	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA01				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA0101				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA02				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA0201				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA03				TONS	GRAVEL CR CLAQ

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REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA0301				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA04				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA0401				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA05				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA0501				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA06				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA0601				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CA07				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA0701				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA08				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA0801				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA09				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA0901				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA10				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA1001				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CA11				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA1101				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA12				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA1201				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CA13				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA1301				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CA14				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA1401				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CA15				TONS	GRAVEL CR CLAQ

SEQ: MATCODE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA1501				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CA16				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CA1601				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CA21				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY	021CA22				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY	021CMM07				M TON	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY	021CMM11				M TON	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CMM111				M TON	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CMM13				M TON	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CMM141				M TON	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CMM16				M TON	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CMM161				M TON	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM01				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM0101				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM02				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM0201				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM03				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM0301				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM04				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM0401				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM05				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM0501				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM06				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM0601				TONS	GRAVEL CR CLAQ SU

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GRAVEL, CRUSHED, CLASS A QUALITY	021CM07				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM0701				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM08				TONS	GRAVEL, CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM0801				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM09				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM0901				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM10				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM1001				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CM11				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM1101				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM12				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM1201				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CM13				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM1301				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CM14				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM1401				TONS	GRAVEL CR CLAQ SU
D	GRAVEL, CRUSHED, CLASS A QUALITY	021CM15				TONS	GRAVEL CR CLAQ
D	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM1501				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CM16				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	021CM1601				TONS	GRAVEL CR CLAQ SU
	GRAVEL, CRUSHED, CLASS A QUALITY	021CM21				TONS	GRAVEL CR CLAQ
	GRAVEL, CRUSHED, CLASS A QUALITY	021CM22				TONS	GRAVEL CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CAM01				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CAM03				M TON	STONE CR CLAQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED, CLASS A QUALITY	022CAM05				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CAM051				M TON	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY	022CAM07				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CAM071				M TON	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CAM072				M TON	STONE CR CLAQ HN
	STONE, CRUSHED CLASS A QUALITY	022CAM08				M TON	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY	022CAM10				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CAM11				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CAM111				M TON	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CAM112				M TON	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CAM12				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CAM13				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CAM131				M TON	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY	022CAM14				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CAM141				M TON	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY	022CAM15				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CAM16				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CAM161				M TON	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CAM162				M TON	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA01				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA0101				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA0102				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA02				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA0201				TONS	STONE CR CLAQ SU

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA0202				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA03				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA0301				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA0302				TONS	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CA04				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA0401				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA0402				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA05				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA0501				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA0502				TONS	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CA06				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA0601				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA0602				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA07				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA0701				TONS	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA0702				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA08				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA0801				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA0802				TONS	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CA09				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA0901				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA0902				TONS	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CA10				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA1001				TONS	STONE CR CLAQ SU

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA1002				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA11				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA1101				TONS	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA1102				TONS	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CA12				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA1201				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA1202				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA13				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA1301				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA1302				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA14				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA1401				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA1402				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA15				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA1501				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA1502				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA16				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CA1601				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CA1602				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CA21				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CA22				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CMM03				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CMM05				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CMM07				M TON	STONE CR CLAQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CMM071				M TON	STONE CR CLAQ SU
	STONE, CRUSHED CLASS A QUALITY	022CMM08				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CMM11				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CMM111				M TON	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY	022CMM13				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CMM131				M TON	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY	022CMM14				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CMM141				M TON	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY	022CMM15				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CMM16				M TON	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CMM161				M TON	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY	022CM01				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM0101				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM0102				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM02				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM0201				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM0202				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM03				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM0301				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM0302				TONS	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CM04				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM0401				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM0402				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM05				TONS	STONE CR CLAQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM0501				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM0502				TONS	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CM06				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM0601				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM0602				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM07				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM0701				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM0702				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM08				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM0801				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM0802				TONS	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CM09				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM0901				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM0902				TONS	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CM10				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM1001				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM1002				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM11				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM1101				TONS	STONE CR CLAQ SU
	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM1102				TONS	STONE CR CLAQ HN
D	STONE, CRUSHED, CLASS A QUALITY	022CM12				TONS	STONE CR CLAQ
D	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM1201				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM1202				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM13				TONS	STONE CR CLAQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM1301				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM1302				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM14				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM1401				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM1402				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM15				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM1501				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM1502				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM16				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY SUPERSTRUCTURE	022CM1601				TONS	STONE CR CLAQ SU
D	STONE, CRUSHED, CLASS A QUALITY HANDRAIL	022CM1602				TONS	STONE CR CLAQ HN
	STONE, CRUSHED, CLASS A QUALITY	022CM21				TONS	STONE CR CLAQ
	STONE, CRUSHED, CLASS A QUALITY	022CM22				TONS	STONE CR CLAQ
D	DUST, KILN, AGRICULTURAL	022FAM02				M TON	DUST, KILN AGRICULTUR
D	DUST, KILN, AGRICULTURAL	022FA02				TONS	DUST KILN AGRICULTUR
	STONE, CRUSHED, BEDDING FOR RIPRAP, CLASS A QUALITY	022RRM01				M TON	STONE CR BED CLAQ
	STONE, CRUSHED, BEDDING FOR RIPRAP, CLASS A QUALITY	022RRM02				M TON	STONE CR BED CLAQ
	STONE, CRUSHED, RIPRAP, CLASS A QUALITY	022RRM03				M TON	STONE CR RR CLAQ
	STONE, CRUSHED, RIPRAP, CLASS A QUALITY	022RRM04				M TON	STONE CR RR CLAQ
	STONE, CRUSHED, RIPRAP, CLASS A QUALITY	022RRM05				M TON	STONE CR RR CLAQ
	STONE, CRUSHED, RIPRAP, CLASS A QUALITY	022RRM06				M TON	STONE CR RR CLAQ
	STONE, CRUSHED, RIPRAP, CLASS A QUALITY	022RRM07				M TON	STONE CR RR CLAQ
	STONE, CRUSHED, BEDDING FOR RIPRAP, CLASS A QUALITY	022RR01				TONS	STONE CR BED CLAQ
	STONE, CRUSHED, BEDDING FOR RIPRAP, CLASS A QUALITY	022RR02				TONS	STONE CR BED CLAQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED, RIPRAP, CLASS A QUALITY	022RR03				TONS	STONE CR RR CLAQ
	STONE, CRUSHED, RIPRAP, CLASS A QUALITY	022RR04				TONS	STONE CR RR CLAQ
	STONE, CRUSHED, RIPRAP, CLASS A QUALITY	022RR05				TONS	STONE CR RR CLAQ
	STONE, CRUSHED, RIPRAP, CLASS A QUALITY	022RR06				TONS	STONE CR RR CLAQ
	STONE, CRUSHED, RIPRAP, CLASS A QUALITY	022RR07				TONS	STONE CR RR CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CAM05				M TON	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CAM07				M TON	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPER	023CAM071				M TON	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CAM11				M TON	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERS	023CAM111				M TON	SLAG ACBF AGG CLAQSU
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CAM13				M TON	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CAM14				M TON	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA01				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CA0101				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA0102				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA02				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CA0201				TONS	SLAG ACBF AGG CLAQSU
D	SLAB, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA0202				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA03				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CA0301				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA0302				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA04				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CA0401				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA0402				TONS	SLAG ACBF AGG CLAQHN

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA05				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CA0501				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA0502				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA06				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CA0601				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA0602				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA07				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CA0701				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA0702				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA08				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CA0801				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA0802				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA09				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COLLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CA0901				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA0902				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA10				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CA1001				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA1002				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA11				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CA1101				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA1102				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA12				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CA1201				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA1202				TONS	SLAG ACBF AGG CLAQHN

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA13				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CA1301				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA1302				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA14				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CA1401				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA1402				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA15				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CA1501				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA1502				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CA16				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CA1601				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CA1602				TONS	SLAG ACBF AGG CLAQHN
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE, CLASS A QUALITY	023CA21				TONS	SLAG ACBF AGG CLAQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE, CLASS A QUALITY	023CA22				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CMM07				M TON	SLAG ACBF AGG CLAQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CMM11				M TON	SLAG ACBF AGG CLAQ
	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERS	023CMM111				M TON	SLAG ACBF AGG CLAQSU
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CMM13				M TON	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CMM14				M TON	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM01				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CM0101				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM0102				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM02				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CM0201				TONS	SLAG ACBF AGG CLAQSU

SEQ: MATCODE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM0202				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM03				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CM0301				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM0302				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM04				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CM0401				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM0402				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM05				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR DOOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CM0501				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM0502				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM06				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CM0601				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM0602				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM07				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CM0701				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM0702				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM08				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CM0801				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM0802				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM09				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CM0901				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM0902				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM10				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY SUPERSTR	023CM1001				TONS	SLAG ACBF AGG CLAQSU

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM1002				TONS	SLAG ACBF AGG CLAQHN
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM11				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CM1101				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM1102				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM12				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CM1201				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM1202				TONS	SLAG ACBF AGG CLAQHN
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM13				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CM1301				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM1302				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM14				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CM1401				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM1402				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM15				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CM1501				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM1502				TONS	SLAG ACBF AGG CLAQHN
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023CM16				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE AGG CLASS A QUALITY SUPERSTR	023CM1601				TONS	SLAG ACBF AGG CLAQSU
D	SLAG, AIR COOLED BLAST FURNACE, AGG CLASS A QUALITY HANDRAIL	023CM1602				TONS	SLAG ACBF AGG CLAQHN
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE, CLASS A QUALITY	023CM21				TONS	SLAG ACBF AGG CLAQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE, CLASS A QUALITY	023CM22				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FA01				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FA02				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FA03				TONS	SLAG ACBF AGG CLAQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FA04				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FA05				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FA06				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FA07				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FA08				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FA09				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FA10				TONS	SLAG ACBF AGG CLAQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FMM20				M TON	SLAG ACBF AGG CLAQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FMM21				M TON	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM01				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM02				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM03				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM04				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM05				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM06				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM07				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM08				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM09				TONS	SLAG ACBF AGG CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM10				TONS	SLAG ACBF AGG CLAQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM20				TONS	SLAG ACBF AGG CLAQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS A QUALITY	023FM21				TONS	SLAG ACBF AGG CLAQ
D	SLAG, ACBF, BEDDING FOR RIPRAP, CLASS A QUALITY	023RR01				TONS	SLAG ACBF BED CLAQ
D	SLAG, ACBF, BEDDING FOR RIPRAP, CLASS A QUALITY	023RR02				TONS	SLAG ACBF BED CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA01				TONS	CHAT AGG CLAQ

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA02				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA03				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA04				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA05				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA06				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA07				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA08				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA09				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA10				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA11				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA12				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA13				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA14				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA15				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CA16				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM01				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM02				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM03				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM04				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM05				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM06				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM07				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM08				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM09				TONS	CHAT AGG CLAQ

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM10				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM11				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM12				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM13				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM14				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM15				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024CM16				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FA01				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FA02				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FA03				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FA04				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FA05				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FA06				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FA07				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FA08				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FA09				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FA10				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FM01				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FM02				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FM03				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FM04				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FM05				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FM06				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FM07				TONS	CHAT AGG CLAQ

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHAT, AGGREGATE, CLASS A QUALITY	024FM08				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FM09				TONS	CHAT AGG CLAQ
D	CHAT, AGGREGATE, CLASS A QUALITY	024FM10				TONS	CHAT AGG CLAQ
	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CAM16				M TON	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA01				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA02				TONS	SYNTHETIC AGG CLAQ
	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA03				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA04				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA05				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA06				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA07				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA08				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA09				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA10				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA11				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA12				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA13				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA14				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA15				TONS	SYNTHETIC AGG CLAQ
	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CA16				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CMM09				M TON	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CMM13				M TON	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CMM15				M TON	SYNTHETIC AGG CLAQ
	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CMM16				M TON	SYNTHETIC AGG CLAQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM01				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM02				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM03				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM04				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM05				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM06				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM07				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM08				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM09				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM10				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM11				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM12				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM13				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM14				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM15				TONS	SYNTHETIC AGG CLAQ
	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025CM16				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FA01				TONS	SYNTHETIC AGG CLAQ
	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FA02				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FA03				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FA04				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FA05				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FA06				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FA07				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FA08				TONS	SYNTHETIC AGG CLAQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FA09				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FA10				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FMM01				M TON	SYNTHETIC AGG CLAQ
	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FMM02				M TON	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FM01				TONS	SYNTHETIC AGG CLAQ
	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FM02				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FM03				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FM04				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FM05				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FM06				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FM07				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FM08				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FM09				TONS	SYNTHETIC AGG CLAQ
D	SYNTHETIC, AGGREGATE, CLASS A QUALITY	025FM10				TONS	SYNTHETIC AGG CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FAM01				M TON	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FAM02				M TON	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FA01				TONS	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FA02				TONS	SAND NATURAL CLAQ
D	SAND, NATURAL, CLASS A QUALITY	027FA03				TONS	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FA04				TONS	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FA05				TONS	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FA06				TONS	SAND NATURAL CLAQ
D	SAND, NATURAL, CLASS A QUALITY	027FA07				TONS	SAND NATURAL CLAQ
D	SAND, NATURAL, CLASS A QUALITY	027FA08				TONS	SAND NATURAL CLAQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SAND, NATURAL, CLASS A QUALITY	027FA09				TONS	SAND NATURAL CLAQ
D	SAND, NATURAL, CLASS A QUALITY	027FA10				TONS	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FMM01				M TON	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FMM02				M TON	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FM01				TONS	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FM02				TONS	SAND NATURAL CLAQ
D	SAND, NATURAL, CLASS A QUALITY	027FM03				TONS	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FM04				TONS	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FM05				TONS	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FM06				TONS	SAND NATURAL CLAQ
D	SAND, NATURAL, CLASS A QUALITY	027FM07				TONS	SAND NATURAL CLAQ
D	SAND, NATURAL, CLASS A QUALITY	027FM08				TONS	SAND NATURAL CLAQ
	SAND, NATURAL, CLASS A QUALITY	027FM09				TONS	SAND NATURAL CLAQ
D	SAND, NATURAL, CLASS A QUALITY	027FM10				TONS	SAND NATURAL CLAQ
	SAND, STONE, CLASS A QUALITY	028FAM01				M TON	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FAM02				M TON	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FAM20				M TON	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FA01				TONS	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FA02				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FA03				TONS	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FA04				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FA05				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FA06				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FA07				TONS	SAND STONE CLAQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SAND, STONE, CLASS A QUALITY	028FA08				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FA09				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FA10				TONS	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FA20				TONS	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FA21				TONS	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FMM01				M TON	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FMM02				M TON	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FMM20				M TON	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FM01				TONS	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FM02				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FM03				TONS	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FM04				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FM05				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FM06				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FM07				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FM08				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FM09				TONS	SAND STONE CLAQ
D	SAND, STONE, CLASS A QUALITY	028FM10				TONS	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FM20				TONS	SAND STONE CLAQ
	SAND, STONE, CLASS A QUALITY	028FM21				TONS	SAND STONE CLAQ
	SAND, STONE FINE AGGREGATE, CLASS A QUALITY	028FM22				TONS	SAND ST F AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CAM07				M TON	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CAM11				M TON	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CAM14				M TON	SPECIAL AGG CLAQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SPECIAL AGGREGATE, CLASS A QUALITY	029CAM16				M TON	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA01				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA02				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA03				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA04				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA05				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA06				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA07				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA08				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA09				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA10				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CA11				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA12				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA13				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA14				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA15				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CA16				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA17				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA18				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CA19				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CA21				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CA22				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CMM07				M TON	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CMM11				M TON	SPECIAL AGG CLAQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CMM14				M TON	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CMM16				M TON	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM01				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM02				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM03				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM04				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM05				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM06				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM07				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM08				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM09				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM10				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CM11				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM12				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM13				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM14				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM15				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CM16				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM17				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM18				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029CM19				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CM21				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029CM22				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FAM01				M TON	SPECIAL AGG CLAQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SPECIAL AGGREGATE, CLASS A QUALITY	029FAM02				M TON	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FAM20				M TON	SPECIAL AGG CLAQ
	SPECIAL, AGGREGATE, CLASS A QUALITY	029FAM22				M TON	SPEC AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FA01				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FA02				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FA03				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FA04				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FA05				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FA06				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FA07				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FA08				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FA09				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FA10				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FA20				TONS	SPECIAL AGG CLAQ
	SPECIAL, AGGREGATE, CLASS A QUALITY	029FA22				TONS	SPEC AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FMM01				M TON	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FMM02				M TON	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FMM20				M TON	SPECIAL AGG CLAQ
	SPECIAL, AGGREGATE, CLASS A QUALITY	029FMM22				M TON	SPEC AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FM01				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FM02				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FM03				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FM04				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FM05				TONS	SPECIAL AGG CLAQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FM06				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FM07				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FM08				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FM09				TONS	SPECIAL AGG CLAQ
D	SPECIAL AGGREGATE, CLASS A QUALITY	029FM10				TONS	SPECIAL AGG CLAQ
	SPECIAL AGGREGATE, CLASS A QUALITY	029FM20				TONS	SPECIAL AGG CLAQ
	SPECIAL, AGGREGATE, CLASS A QUALITY	029FM22				TONS	SPEC AGG CLAQ
D	BROKEN CONCRETE, RIPRAP, CLASS A QUALITY	029RRM01				M TON	BROKEN CONC RR CLAQ
	BROKEN CONCRETE, RIPRAP, CLASS A QUALITY	029RRM03				M TON	BROKEN CONC RR CLAQ
D	BROKEN CONCRETE, RIPRAP, CLASS A QUALITY	029RR01				TONS	BROKEN CONC RR CLAQ
	BROKEN CONCRETE, RIPRAP, CLASS A QUALITY	029RR03				TONS	BROKEN CONC RR CLAQ
D	GRAVEL, CLASS B QUALITY	030CAM12				M TON	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CAM16				M TON	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA01				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA02				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA03				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA04				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA05				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA06				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA07				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA08				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA09				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA10				TONS	GRAVEL CLBQ
	GRAVEL, CLASS B QUALITY	030CA11				TONS	GRAVEL CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CLASS B QUALITY	030CA12				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA13				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA14				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA15				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CA16				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CMM13				M TON	GRAVEL CLBQ
	GRAVEL, CLASS B QUALITY	030CMM16				M TON	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM01				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM02				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM03				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM04				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM05				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM06				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM07				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM08				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM09				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM10				TONS	GRAVEL CLBQ
	GRAVEL, CLASS B QUALITY	030CM11				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM12				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM13				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM14				TONS	GRAVEL CLBQ
D	GRAVEL, CLASS B QUALITY	030CM15				TONS	GRAVEL CLBQ
	GRAVEL, CLASS B QUALITY	030CM16				TONS	GRAVEL CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CAM11				M TON	GRAVEL CR CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GRAVEL, CRUSHED CLASS B QUALITY	031CAM13				M TON	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CAM16				M TON	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CAM20				M TON	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA01				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA02				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA03				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA04				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA05				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA06				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA07				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA08				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA09				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA10				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CA11				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CA12				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CA13				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CA14				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CA15				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CA16				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CA20				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CA21				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CA22				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CMM00				M TON	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CMM11				M TON	GRAVEL CR CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GRAVEL, CRUSHED CLASS B QUALITY	031CMM13				M TON	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CMM16				M TON	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CMM20				M TON	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CM00				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM01				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM02				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM03				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM04				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM05				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM06				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM07				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM08				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM09				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM10				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CM11				TONS	GRAVEL CR CLBQ
D	GRAVEL, CRUSHED CLASS B QUALITY	031CM12				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CM13				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CM14				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CM15				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CM16				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CM20				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CM21				TONS	GRAVEL CR CLBQ
	GRAVEL, CRUSHED CLASS B QUALITY	031CM22				TONS	GRAVEL CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CAM07				M TON	STONE CR CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED CLASS B QUALITY	032CAM11				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CAM13				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CAM14				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CAM15				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CAM16				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CAM18				M TON	STONE CR CLBQ
D	STONE, CRUSHED CLASS B QUALITY	032CA01				TONS	STONE CR CLBQ
D	STONE, CRUSHED CLASS B QUALITY	032CA02				TONS	STONE CR CLBQ
D	STONE, CRUSHED CLASS B QUALITY	032CA03				TONS	STONE CR CLBQ
D	STONE, CRUSHED CLASS B QUALITY	032CA04				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA05				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA06				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA07				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA08				TONS	STONE CR CLBQ
D	STONE, CRUSHED CLASS B QUALITY	032CA09				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA10				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA11				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA12				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA13				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA14				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA15				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA16				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA18				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CA21				TONS	STONE CR CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED CLASS B QUALITY	032CA22				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CMM00				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CMM07				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CMM08				M TON	STONE, CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CMM11				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CMM13				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CMM14				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CMM15				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CMM16				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CMM18				M TON	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM00				TONS	STONE CR CLBQ
D	STONE, CRUSHED CLASS B QUALITY	032CM01				TONS	STONE CR CLBQ
D	STONE, CRUSHED CLASS B QUALITY	032CM02				TONS	STONE CR CLBQ
D	STONE, CRUSHED CLASS B QUALITY	032CM03				TONS	STONE CR CLBQ
D	STONE, CRUSHED CLASS B QUALITY	032CM04				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM05				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM06				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM07				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM08				TONS	STONE CR CLBQ
D	STONE, CRUSHED CLASS B QUALITY	032CM09				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM10				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM11				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM12				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM13				TONS	STONE CR CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED CLASS B QUALITY	032CM14				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM15				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM16				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM18				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM21				TONS	STONE CR CLBQ
	STONE, CRUSHED CLASS B QUALITY	032CM22				TONS	STONE CR CLBQ
	STONE, CRUSHED, BEDDING FOR RIPRAP, CLASS B QUALITY	032RRM01				M TON	STONE CR BED CLBQ
	STONE, CRUSHED, BEDDING FOR RIPRAP, CLASS B QUALITY	032RRM02				M TON	STONE CR BED CLBQ
	STONE, CRUSHED, RIPRAP, CLASS B QUALITY	032RRM03				M TON	STONE CR RR CLBQ
	STONE, CRUSHED, RIPRAP, CLASS B QUALITY	032RRM04				M TON	STONE CR RR CLBQ
	STONE, CRUSHED, RIPRAP, CLASS B QUALITY	032RRM05				M TON	STONE CR RR CLBQ
	STONE, CRUSHED, RIPRAP, CLASS B QUALITY	032RRM06				M TON	STONE CR RR CLBQ
D	STONE, CRUSHED, RIPRAP, CLASS B QUALITY	032RRM07				M TON	STONE CR RR CLBQ
	STONE, CRUSHED, BEDDING FOR RIPRAP, CLASS B QUALITY	032RR01				TONS	STONE CR BED CLBQ
	STONE, CRUSHED, BEDDING FOR RIPRAP, CLASS B QUALITY	032RR02				TONS	STONE CR BED CLBQ
	STONE, CRUSHED, RIPRAP, CLASS B QUALITY	032RR03				TONS	STONE CR RR CLBQ
	STONE, CRUSHED, RIPRAP, CLASS B QUALITY	032RR04				TONS	STONE CR RR CLBQ
	STONE, CRUSHED, RIPRAP, CLASS B QUALITY	032RR05				TONS	STONE CR RR CLBQ
	STONE, CRUSHED, RIPRAP, CLASS B QUALITY	032RR06				TONS	STONE CR RR CLBQ
D	STONE, CRUSHED, RIPRAP, CLASS B QUALITY	032RR07				TONS	STONE CR RR CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CAM13				M TON	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CAM16				M TON	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA01				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA02				TONS	SLAG ACBF AGG CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA03				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA04				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA05				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA06				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA07				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA08				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA09				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA10				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA11				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA12				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA13				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA14				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA15				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA16				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA21				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CA22				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CMM07				M TON	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CMM11				M TON	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CMM13				M TON	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CMM16				M TON	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM01				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM02				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM03				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM04				TONS	SLAG ACBF AGG CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM05				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM06				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM07				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM08				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM09				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM10				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM11				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM12				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM13				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM14				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM15				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM16				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM21				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033CM22				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FAM02				M TON	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FAM20				M TON	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FAM21				M TON	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA01				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA02				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA03				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA04				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA05				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA06				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA07				TONS	SLAG ACBF AGG CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA08				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA09				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA10				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA20				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FA21				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FMM02				M TON	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FMM20				M TON	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FMM21				M TON	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM01				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM02				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM03				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM04				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM05				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM06				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM07				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM08				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM09				TONS	SLAG ACBF AGG CLBQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM10				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM20				TONS	SLAG ACBF AGG CLBQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS B QUALITY	033FM21				TONS	SLAG ACBF AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA01				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA02				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA03				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA04				TONS	CHAT AGG CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHAT, AGGREGATE CLASS B QUALITY	034CA05				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA06				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA07				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA08				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA09				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA10				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA11				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA12				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA13				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA14				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA15				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CA16				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM01				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM02				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM03				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM04				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM05				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM06				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM07				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM08				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM09				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM10				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM11				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM12				TONS	CHAT AGG CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHAT, AGGREGATE CLASS B QUALITY	034CM13				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM14				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM15				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034CM16				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FA01				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FA02				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FA03				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FA04				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FA05				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FA06				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FA07				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FA08				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FA09				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FA10				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FM01				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FM02				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FM03				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FM04				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FM05				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FM06				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FM07				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FM08				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FM09				TONS	CHAT AGG CLBQ
D	CHAT, AGGREGATE CLASS B QUALITY	034FM10				TONS	CHAT AGG CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA01				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA02				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA03				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA04				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA05				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA06				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA07				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA08				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA09				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA10				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA11				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA12				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA13				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA14				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA15				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CA16				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM01				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM02				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM03				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM04				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM05				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM06				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM07				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM08				TONS	SYN AGG CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM09				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM10				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM11				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM12				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM13				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM14				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM15				TONS	SYN AGG CLBQ
	SYNTHETIC AGGREGATE, CLASS B QUALITY	035CM16				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FA01				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FA02				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FA03				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FA04				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FA05				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FA06				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FA07				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FA08				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FA09				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FA10				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FM01				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FM02				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FM03				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FM04				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FM05				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FM06				TONS	SYN AGG CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FM07				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FM08				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FM09				TONS	SYN AGG CLBQ
D	SYNTHETIC AGGREGATE, CLASS B QUALITY	035FM10				TONS	SYN AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA01				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA02				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA03				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA04				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA05				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA06				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA07				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA08				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA09				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA10				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA11				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA12				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA13				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA14				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA15				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CA16				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM01				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM02				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM03				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM04				TONS	SLAG WBB AGG CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM05				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM06				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM07				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM08				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM09				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM10				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM11				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM12				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM13				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM14				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM15				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036CM16				TONS	SLAG WBB AGG CLBQ
	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FAM20				M TON	SLAG WBB AGG CLBQ
	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA01				TONS	SLAG WBB AGG CLBQ
	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA02				TONS	SLAG WBB AGG CLBQ
	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA03				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA04				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA05				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA06				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA07				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA08				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA09				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA10				TONS	SLAG WBB AGG CLBQ
	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FA20				TONS	SLAG WBB AGG CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FMM01				M TON	SLAG WBB AGG CLBQ
	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FM01				TONS	SLAG WBB AGG CLBQ
	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FM02				TONS	SLAG WBB AGG CLBQ
	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FM03				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FM04				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FM05				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FM06				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FM07				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FM08				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FM09				TONS	SLAG WBB AGG CLBQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS B QUALITY	036FM10				TONS	SLAG WBB AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FAM01				M TON	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FAM02				M TON	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FAM03				M TON	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FAM04				M TON	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FAM06				M TON	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FAM20				M TON	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FAM21				M TON	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FAM22				M TON	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA01				TONS	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA02				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA03				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA04				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA05				TONS	SAND NTL F AGG CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA06				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA07				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA08				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA09				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA10				TONS	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA20				TONS	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA21				TONS	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FA22				TONS	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FMM01				M TON	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FMM02				M TON	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FMM04				M TON	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FMM05				M TON	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FMM20				M TON	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FMM21				M TON	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FMM22				M TON	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM01				TONS	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM02				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM03				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM04				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM05				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM06				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM07				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM08				TONS	SAND NTL F AGG CLBQ
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM09				TONS	SAND NTL F AGG CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM10				TONS	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM20				TONS	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM21				TONS	SAND NTL F AGG CLBQ
	SAND, NATURAL FINE AGGREGATE, CLASS B QUALITY	037FM22				TONS	SAND NTL F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FAM01				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FAM02				M TON	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FAM03				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FAM05				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FAM20				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FAM21				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FAM22				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA01				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA02				TONS	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA03				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA04				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA05				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA06				TONS	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA07				TONS	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA08				TONS	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA09				TONS	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA10				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA20				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA21				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FA22				TONS	SAND ST F AGG CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FMM00				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FMM01				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FMM02				M TON	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FMM03				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FMM05				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FMM20				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FMM21				M TON	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM00				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM01				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM02				TONS	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM03				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM04				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM05				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM06				TONS	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM07				TONS	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM08				TONS	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM09				TONS	SAND ST F AGG CLBQ
D	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM10				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM20				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM21				TONS	SAND ST F AGG CLBQ
	SAND, STONE FINE AGGREGATE, CLASS B QUALITY	038FM22				TONS	SAND ST F AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CAM13				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CAM14				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CAM16				M TON	SPEC AGG CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA01				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA02				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA03				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA04				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA05				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA06				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA07				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA08				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA09				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA10				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA11				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA12				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA13				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA14				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA15				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CA16				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE CLASS B QUALITY	039CA21				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE CLASS B QUALITY	039CA22				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CMM00				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CMM11				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CMM13				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CMM16				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM00				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM01				TONS	SPEC AGG CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM02				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM03				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM04				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM05				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM06				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM07				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM08				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM09				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM10				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM11				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM12				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM13				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM14				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM15				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039CM16				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE CLASS B QUALITY	039CM21				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE CLASS B QUALITY	039CM22				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FAM01				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FAM02				M TON	SPEC AGG CLBQ
D	SPECIAL AGGREGATE, CLASS B QUALITY	039FAM06				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FAM20				M TON	SPEC AGG CLBQ
	SPECIAL AGGREGATE, CLASS B QUALITY	039FAM21				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FAM22				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA01				TONS	SPEC AGG CLBQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA02				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA03				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA04				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA05				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA06				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA07				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA08				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA09				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA10				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA20				TONS	SPEC AGG CLBQ
	SPECIAL AGGREGATE, CLASS B QUALITY	039FA21				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FA22				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FMM01				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FMM02				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FMM03				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FMM20				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FMM21				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FMM22				M TON	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM01				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM02				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM03				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM04				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM05				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM06				TONS	SPEC AGG CLBQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM07				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM08				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM09				TONS	SPEC AGG CLBQ
D	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM10				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM20				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM21				TONS	SPEC AGG CLBQ
	SPECIAL, AGGREGATE, CLASS B QUALITY	039FM22				TONS	SPEC AGG CLBQ
	GRAVEL, CLASS C QUALITY	040CAM06				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CAM07				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CAM10				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CAM11				M TON	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CAM12				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CAM13				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CAM14				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CAM15				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CAM16				M TON	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CA01				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CA02				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CA03				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CA04				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CA05				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CA06				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CA07				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CA08				TONS	GRAVEL CLCQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CLASS C QUALITY	040CA09				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CA10				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CA11				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CA12				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CA13				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CA14				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CA15				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CA16				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CA20				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM00				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM06				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM07				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM10				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM11				M TON	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CMM12				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM13				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM14				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM15				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM16				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM18				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CMM20				M TON	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM00				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CM01				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CM02				TONS	GRAVEL CLCQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CLASS C QUALITY	040CM03				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CM04				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CM05				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM06				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM07				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CM08				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CM09				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM10				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM11				TONS	GRAVEL CLCQ
D	GRAVEL, CLASS C QUALITY	040CM12				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM13				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM14				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM15				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM16				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM18				TONS	GRAVEL CLCQ
	GRAVEL, CLASS C QUALITY	040CM20				TONS	GRAVEL CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CAM06				M TON	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CAM07				M TON	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CAM09				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CAM10				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CAM11				M TON	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CAM12				M TON	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CAM13				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CAM14				M TON	GRAVEL CR CLCQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GRAVEL CRUSHED, CLASS C QUALITY	041CAM15				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CAM16				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CAM20				M TON	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CA01				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CA02				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CA03				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CA04				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CA05				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CA06				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CA07				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CA08				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CA09				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CA10				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CA11				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CA12				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CA13				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CA14				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CA15				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CA16				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CA20				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CMM06				M TON	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CMM07				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CMM10				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CMM11				M TON	GRAVEL CR CLCQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL CRUSHED, CLASS C QUALITY	041CMM12				M TON	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CMM13				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CMM14				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CMM15				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CMM16				M TON	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CMM20				M TON	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CM01				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CM02				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CM03				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CM04				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CM05				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CM06				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CM07				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CM08				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CM09				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CM10				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CM11				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CM12				TONS	GRAVEL CR CLCQ
D	GRAVEL CRUSHED, CLASS C QUALITY	041CM13				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CM14				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CM15				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CM16				TONS	GRAVEL CR CLCQ
	GRAVEL CRUSHED, CLASS C QUALITY	041CM20				TONS	GRAVEL CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM02				M TON	STONE CR CLCQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STONE CRUSHED, CLASS C QUALITY	042CAM04				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM05				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM06				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM07				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM08				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM09				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM10				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM11				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM12				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM13				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM14				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM15				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM16				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CAM20				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA01				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA02				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA03				TONS	STONE CR CLCQ
D	STONE CRUSHED, CLASS C QUALITY	042CA04				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA05				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA06				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA07				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA08				TONS	STONE CR CLCQ
D	STONE CRUSHED, CLASS C QUALITY	042CA09				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA10				TONS	STONE CR CLCQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE CRUSHED, CLASS C QUALITY	042CA11				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA12				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA13				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA14				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA15				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA16				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CA20				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM01				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM05				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM06				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM07				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM08				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM10				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM11				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM12				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM13				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM14				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM15				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM16				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CMM20				M TON	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM01				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM02				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM03				TONS	STONE CR CLCQ
D	STONE CRUSHED, CLASS C QUALITY	042CM04				TONS	STONE CR CLCQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE CRUSHED, CLASS C QUALITY	042CM05				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM06				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM07				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM08				TONS	STONE CR CLCQ
D	STONE CRUSHED, CLASS C QUALITY	042CM09				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM10				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM11				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM12				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM13				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM14				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM15				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM16				TONS	STONE CR CLCQ
	STONE CRUSHED, CLASS C QUALITY	042CM20				TONS	STONE CR CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CAM06				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CAM07				M TON	SLAG ACBF CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CAM10				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CAM11				M TON	SLAG ACBF CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CAM13				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CAM14				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CAM15				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CAM16				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA01				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA02				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA03				TONS	SLAG ACBF CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA04				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA05				TONS	SLAG ACBF CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA06				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA07				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA08				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA09				TONS	SLAG ACBF CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA10				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA11				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA12				TONS	SLAG ACBF CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA13				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA14				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA15				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CA16				TONS	SLAG ACBF CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CMM06				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CMM07				M TON	SLAG ACBF CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CMM10				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CMM11				M TON	SLAG ACBF CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CMM13				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CMM14				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CMM15				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CMM16				M TON	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM01				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM02				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM03				TONS	SLAG ACBF CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM04				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM05				TONS	SLAG ACBF CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM06				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM07				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM08				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM09				TONS	SLAG ACBF CLCQ
	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM10				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM11				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM12				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM13				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM14				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM15				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043CM16				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FA01				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FA02				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FA03				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FA04				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FA05				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FA06				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FA07				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FA08				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FA09				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FA10				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FM01				TONS	SLAG ACBF CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FM02				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FM03				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FM04				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FM05				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FM06				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FM07				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FM08				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FM09				TONS	SLAG ACBF CLCQ
D	SLAG, AIR COOLED, BLAST FURNACE, CLASS C QUALITY	043FM10				TONS	SLAG ACBF CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA01				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA02				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA03				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA04				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA05				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA06				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA07				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA08				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA09				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA10				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA11				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA12				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA13				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA14				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA15				TONS	CHAT AGG CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHAT, AGGREGATE, CLASS C QUALITY	044CA16				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM01				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM02				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM03				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM04				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM05				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM06				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM07				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM08				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM09				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM10				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM11				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM12				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM13				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM14				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM15				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044CM16				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FA01				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FA02				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FA03				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FA04				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FA05				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FA06				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FA07				TONS	CHAT AGG CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHAT, AGGREGATE, CLASS C QUALITY	044FA08				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FA09				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FA10				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FM01				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FM02				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FM03				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FM04				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FM05				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FM06				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FM07				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FM08				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FM09				TONS	CHAT AGG CLCQ
D	CHAT, AGGREGATE, CLASS C QUALITY	044FM10				TONS	CHAT AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA01				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA02				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA03				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA04				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA05				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA06				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA07				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA08				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA09				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA10				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA11				TONS	SYN AGG CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA12				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA13				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA14				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA15				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CA16				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM01				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM02				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM03				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM04				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM05				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM06				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM07				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM08				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM09				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM10				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM11				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM12				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM13				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM14				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM15				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045CM16				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FA01				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FA02				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FA03				TONS	SYN AGG CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FA04				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FA05				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FA06				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FA07				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FA08				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FA09				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FA10				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FM01				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FM02				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FM03				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FM04				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FM05				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FM06				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FM07				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FM08				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FM09				TONS	SYN AGG CLCQ
D	SYNTHETIC, AGGREGATE, CLASS C QUALITY	045FM10				TONS	SYN AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA01				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA02				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA03				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA04				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA05				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA06				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA07				TONS	SLAG WBB AGG CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA08				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA09				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA10				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA11				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA12				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA13				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA14				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA15				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CA16				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CMM16				M TON	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM01				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM02				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM03				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM04				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM05				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM06				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM07				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM08				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM09				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM10				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM11				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM12				TONS	SLAG WBB AGG CLCQ
	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM13				TONS	SLAG WBB AGG CLCQ
	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM14				TONS	SLAG WBB AGG CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM15				TONS	SLAG WBB AGG CLCQ
	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046CM16				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FAM01				M TON	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FA01				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FA02				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FA03				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FA04				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FA05				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FA06				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FA07				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FA08				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FA09				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FA10				TONS	SLAG WBB AGG CLCQ
	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FMM01				M TON	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM01				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM02				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM03				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM04				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM05				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM06				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM07				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM08				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM09				TONS	SLAG WBB AGG CLCQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM10				TONS	SLAG WBB AGG CLCQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS C QUALITY	046FM20				TONS	SLAG WBB AGG CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FAM01				M TON	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FAM02				M TON	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FAM03				M TON	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FAM06				M TON	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FA01				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FA02				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FA03				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FA04				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FA05				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FA06				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FA07				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FA08				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FA09				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FA10				TONS	SAND NTL CLCQ
	SAND, NATURAL FINE AGGREGATE, CLASS C QUALITY	047FA20				TONS	SAND NTL F AGG CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FMM01				M TON	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FMM02				M TON	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FMM06				M TON	SAND NTL CLCQ
	SAND NATURAL, CLASS C QUALITY	047FMM20				M TON	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FM01				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FM02				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FM03				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FM04				TONS	SAND NTL CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SAND NATURAL, CLASS C QUALITY	047FM05				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FM06				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FM07				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FM08				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FM09				TONS	SAND NTL CLCQ
D	SAND NATURAL, CLASS C QUALITY	047FM10				TONS	SAND NTL CLCQ
	SAND NATURAL, CLASS C QUALITY	047FM20				TONS	SAND NTL CLCQ
D	SAND, STONE FINE AGGREGATE, CLASS C QUALITY	048FAM20				M TON	SAND ST F AGG CLCQ
D	SAND, STONE FINE AGGREGATE, CLASS C QUALITY	048FAM21				M TON	SAND ST F AGG CLCQ
D	SAND STONE, CLASS C QUALITY	048FA01				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FA02				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FA03				TONS	SAND ST CLCQ
	SAND STONE, CLASS C QUALITY	048FA04				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FA05				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FA06				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FA07				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FA08				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FA09				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FA10				TONS	SAND ST CLCQ
D	SAND, STONE FINE AGGREGATE, CLASS C QUALITY	048FA20				TONS	SAND ST F AGG CLCQ
D	SAND, STONE FINE AGGREGATE, CLASS C QUALITY	048FA21				TONS	SAND ST F AGG CLCQ
D	SAND STONE, CLASS C QUALITY	048FMM01				M TON	SAND ST CLCQ
	SAND STONE, CLASS C QUALITY	048FMM03				M TON	SAND ST CLCQ
	SAND STONE, CLASS C QUALITY	048FMM05				M TON	SAND ST CLCQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SAND STONE, CLASS C QUALITY	048FMM20				M TON	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FMM21				M TON	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM01				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM02				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM03				TONS	SAND ST CLCQ
	SAND STONE, CLASS C QUALITY	048FM04				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM05				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM06				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM07				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM08				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM09				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM10				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM20				TONS	SAND ST CLCQ
D	SAND STONE, CLASS C QUALITY	048FM21				TONS	SAND ST CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CAM06				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CAM07				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CAM10				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CAM12				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CAM13				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CAM14				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CAM15				M TON	SPEC. AGG CLCQ
	SPECIAL, AGGREGATE, CLASS C QUALITY	049CAM16				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA01				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA02				TONS	SPEC. AGG CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA03				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA04				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA05				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA06				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA07				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA08				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA09				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA10				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA11				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA12				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA13				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA14				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA15				TONS	SPEC. AGG CLCQ
	SPECIAL, AGGREGATE, CLASS C QUALITY	049CA16				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CMM06				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CMM10				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CMM13				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CMM14				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CMM15				M TON	SPEC. AGG CLCQ
	SPECIAL, AGGREGATE, CLASS C QUALITY	049CMM16				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM01				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM02				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM03				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM04				TONS	SPEC. AGG CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM05				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM06				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM07				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM08				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM09				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM10				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM11				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM12				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM13				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM14				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM15				TONS	SPEC. AGG CLCQ
	SPECIAL, AGGREGATE, CLASS C QUALITY	049CM16				TONS	SPEC. AGG CLCQ
	SPECIAL, AGGREGATE, CLASS C QUALITY	049FAM21				M TON	SPEC AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA01				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA02				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA03				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA04				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA05				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA06				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA07				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA08				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA09				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA10				TONS	SPEC. AGG CLCQ
	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA20				TONS	SPEC AGG CLCQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SPECIAL, AGGREGATE, CLASS C QUALITY	049FA21				TONS	SPEC AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FMM01				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FMM03				M TON	SPEC. AGG CLCQ
	SPECIAL, AGGREGATE, CLASS C QUALITY	049FMM20				M TON	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM01				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM02				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM03				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM04				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM05				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM06				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM07				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM08				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM09				TONS	SPEC. AGG CLCQ
D	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM10				TONS	SPEC. AGG CLCQ
	SPECIAL, AGGREGATE, CLASS C QUALITY	049FM20				TONS	SPEC. AGG CLCQ
D	GRAVEL, CLASS D QUALITY	050CAM01				M TON	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CAM02				M TON	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CAM03				M TON	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CAM05				M TON	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CAM06				M TON	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CAM07				M TON	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CAM09				M TON	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CAM10				M TON	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CAM11				M TON	GRAVEL CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CLASS D QUALITY	050CAM12				M TON	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CAM16				M TON	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CA01				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CA02				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CA03				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CA04				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CA05				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CA06				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CA07				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CA08				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CA09				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CA10				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CA11				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CA12				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CA13				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CA14				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CA15				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CA16				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CA19				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CMM05				M TON	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CMM06				M TON	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CMM09				M TON	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CMM10				M TON	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CMM11				M TON	GRAVEL CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CLASS D QUALITY	050CMM12				M TON	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CMM15				M TON	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CMM16				M TON	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CM01				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CM02				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CM03				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CM04				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CM05				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CM06				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CM07				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CM08				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CM09				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CM10				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CM11				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CM12				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CM13				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CM14				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CM15				TONS	GRAVEL CLDQ
D	GRAVEL, CLASS D QUALITY	050CM16				TONS	GRAVEL CLDQ
	GRAVEL, CLASS D QUALITY	050CM17				TONS	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CAM02				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CAM05				M TON	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CAM06				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CAM07				M TON	GRAVEL CR CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVELCRUSHED CLASS D QUALITY	051CAM09				M TON	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CAM10				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CAM11				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA01				TONS	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CA02				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA03				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA04				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA05				TONS	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CA06				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA07				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA08				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA09				TONS	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CA10				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA11				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA12				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA13				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA14				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA15				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CA16				TONS	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CA19				TONS	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CMM06				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CMM07				M TON	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CMM10				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CMM11				M TON	GRAVEL CR CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CRUSHED CLASS D QUALITY	051CMM12				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CMM13				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CMM14				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CMM15				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CMM16				M TON	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM01				TONS	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CM02				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM03				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM04				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM05				TONS	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CM06				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM07				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM08				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM09				TONS	GRAVEL CR CLDQ
	GRAVEL, CRUSHED CLASS D QUALITY	051CM10				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM11				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM12				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM13				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM14				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM15				TONS	GRAVEL CR CLDQ
D	GRAVEL, CRUSHED CLASS D QUALITY	051CM16				TONS	GRAVEL CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM00				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM01				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM02				M TON	STONE CR CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED CLASS D QUALITY	052CAM03				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM04				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM05				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM06				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM07				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM08				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM09				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM10				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM11				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM12				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM13				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM14				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM16				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM17				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CAM19				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA00				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA01				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA02				TONS	STONE CR CLDQ
D	STONE, CRUSHED CLASS D QUALITY	052CA03				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA04				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA05				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA06				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA07				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA08				TONS	STONE CR CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED CLASS D QUALITY	052CA09				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA10				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA11				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA12				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA13				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA14				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA15				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA16				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CA19				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY SPECIAL	052CMM00				M TON	STONE CR CLDQ SPL
	STONE, CRUSHED CLASS D QUALITY	052CMM01				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM02				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM03				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM05				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM06				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM07				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM08				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM09				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM10				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM11				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM12				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM13				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM14				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CMM15				M TON	STONE CR CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	STONE, CRUSHED CLASS D QUALITY	052CMM16				M TON	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY SPECIAL	052CM00				TONS	STONE CR CLDQ SPL
	STONE, CRUSHED CLASS D QUALITY	052CM01				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM02				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM03				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM04				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM05				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM06				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM07				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM08				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM09				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM10				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM11				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM12				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM13				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM14				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM15				TONS	STONE CR CLDQ
	STONE, CRUSHED CLASS D QUALITY	052CM16				TONS	STONE CR CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CAM05				M TON	SLAG ACBF AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CAM06				M TON	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CAM07				M TON	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CAM10				M TON	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CAM11				M TON	SLAG ACBF AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA01				TONS	SLAG ACBF AGG CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA02				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA03				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA04				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA05				TONS	SLAG ACBF AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA06				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA07				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA08				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA09				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA10				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA11				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA12				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA13				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA14				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA15				TONS	SLAD ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA16				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CA19				TONS	SLAG ACBF AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CMM06				M TON	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CMM10				M TON	SLAG ACBF AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM01				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM02				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM03				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM04				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM05				TONS	SLAG ACBF AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM06				TONS	SLAG ACBF AGG CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM07				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM08				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM09				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM10				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM11				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM12				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM13				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM14				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM15				TONS	SLAG ACBF AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, AGGREGATE CLASS D QUALITY	053CM16				TONS	SLAG ACBF AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA01				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA02				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA03				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA04				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA05				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA06				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA07				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA08				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA09				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA10				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA11				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA12				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA13				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA14				TONS	CHAT AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA15				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CA16				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM01				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM02				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM03				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM04				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM05				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM06				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM07				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM08				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM09				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM10				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM11				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM12				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM13				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM14				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM15				TONS	CHAT AGG CLDQ
D	CHAT, AGGREGATE, CLASS D QUALITY	054CM16				TONS	CHAT AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA01				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA02				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA03				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA04				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA05				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA06				TONS	SYN AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA07				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA08				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA09				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA10				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA11				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA12				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA13				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA14				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA15				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CA16				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM01				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM02				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM03				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM04				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM05				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM06				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM07				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM08				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM09				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM10				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM11				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM12				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM13				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM14				TONS	SYN AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM15				TONS	SYN AGG CLDQ
D	SYNTHETIC, AGGREGATE, CLASS D QUALITY	055CM16				TONS	SYN AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA01				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA02				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA03				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA04				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA05				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA06				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA07				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA08				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA09				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA10				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA11				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA12				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA13				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA14				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA15				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA16				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CA18				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM01				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM02				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM03				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM04				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM05				TONS	SLAG WBB AGG CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM06				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM07				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM08				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM09				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM10				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM11				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM12				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM13				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM14				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM15				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE, CLASS D QUALITY	056CM16				TONS	SLAG WBB AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CAM01				M TON	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CAM02				M TON	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CAM06				M TON	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CAM07				M TON	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CAM10				M TON	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CAM11				M TON	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CA01				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CA02				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CA03				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CA04				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CA05				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CA06				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CA07				TONS	SPEC AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CA08				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CA09				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CA10				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CA11				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CA12				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CA13				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CA14				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CA15				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CA16				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CMM00				M TON	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CMM06				M TON	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CMM10				M TON	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CM00				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CM01				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CM02				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CM03				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CM04				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CM05				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CM06				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CM07				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CM08				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CM09				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CM10				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CM11				TONS	SPEC AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CM12				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CM13				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CM14				TONS	SPEC AGG CLDQ
D	SPECIAL AGGREGATE, CLASS D QUALITY	059CM15				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059CM16				TONS	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059FMM03				M TON	SPEC AGG CLDQ
	SPECIAL AGGREGATE, CLASS D QUALITY	059FM03				TONS	SPEC AGG CLDQ
	BROKEN CONCRETE, BEDDING FOR RIPRAP	059RRM01				M TON	BROKEN CONC BED
D	BROKEN CONCRETE, BEDDING FOR RIPRAP	059RRM02				M TON	BROKEN CONC BED
D	BROKEN CONCRETE, RIPRAP	059RRM03				M TON	BROKEN CONC RR
	BROKEN CONCRETE, RIPRAP	059RRM04				M TON	BROKEN CONC RR
D	BROKEN CONCRETE, RIPRAP	059RRM05				M TON	BROKEN CONC RR
	BROKEN CONCRETE, BEDDING FOR RIPRAP	059RR01				TONS	BROKEN CONC BED
D	BROKEN CONCRETE, BEDDING FOR RIPRAP	059RR02				TONS	BROKEN CONC BED
	BROKEN CONCRETE, RIPRAP	059RR03				TONS	BROKEN CONC RR
	BROKEN CONCRETE, RIPRAP	059RR04				TONS	BROKEN CONC RR
D	BROKEN CONCRETE, RIPRAP	059RR05				TONS	BROKEN CONC RR
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CAM06				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CAM07				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CAM10				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CAM11				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CAM12				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CAM13				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CAM16				M TON	GRAVEL S AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA01				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA02				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA03				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA04				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA05				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA06				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA07				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA08				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA09				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA10				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA11				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA12				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA13				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA14				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA15				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CA16				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CMM06				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CMM07				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CMM10				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CMM11				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CMM12				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CMM14				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CMM15				M TON	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CMM16				M TON	GRAVEL S AGG CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM01				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM02				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM03				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM04				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM05				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM06				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM07				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM08				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM09				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM10				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM11				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM12				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM13				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM14				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM15				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM16				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, STABILIZED AGGREGATE, CLASS D QUALITY	060CM17				TONS	GRAVEL S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CAM06				M TON	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CAM10				M TON	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA01				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA02				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA03				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA04				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA05				TONS	GRAV CR S AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA06				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA07				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA08				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA09				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA10				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA11				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA12				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA13				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA14				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA15				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CA16				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CMM04				M TON	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CMM06				M TON	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CMM10				M TON	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM01				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM02				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM03				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM04				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM05				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM06				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM07				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM08				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM09				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM10				TONS	GRAV CR S AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM11				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM12				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM13				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM14				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM15				TONS	GRAV CR S AGG CLDQ
D	GRAVEL, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	061CM16				TONS	GRAV CR S AGG CLDQ
D	TRENCH BACKFILL & BEDDING	061FM20				TONS	TRENCH BFILL & BED
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CAM06				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CAM07				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CAM08				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CAM10				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CAM11				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CAM16				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA01				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA02				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA03				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA04				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA05				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA06				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA07				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA08				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA09				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA10				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA11				TONS	ST CR S AGG CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA12				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA13				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA14				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA15				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CA16				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CMM06				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CMM07				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CMM08				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CMM10				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CMM11				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CMM13				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CMM16				M TON	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM01				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM02				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM03				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM04				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM05				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM06				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM07				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM08				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM09				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM10				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM11				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM12				TONS	ST CR S AGG CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM13				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM14				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM15				TONS	ST CR S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	062CM16				TONS	ST CR S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CAM06				M TON	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CAM10				M TON	SLAG ACBF S AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA01				TONS	SLAG ACBF S AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA02				TONS	SLAG ACBF S AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA03				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA04				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA05				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA06				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA07				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA08				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA09				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA10				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA11				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA12				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA13				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA14				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA15				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CA16				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CMM06				M TON	SLAG ACBF S AGG CLDQ
D	STONE, CRUSHED STABILIZED, AGGREGATE CLASS D QUALITY	063CMM07				M TON	ST CR S AGG CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CMM10				M TON	SLAG ACBF S AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM01				TONS	SLAG ACBF S AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM02				TONS	SLAG ACBF S AGG CLDQ
	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM03				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM04				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM05				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM06				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM07				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM08				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM09				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM10				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM11				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM12				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM13				TONS	SLAG ACBF S AGG CLD
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM14				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM15				TONS	SLAG ACBF S AGG CLDQ
D	SLAG, AIR COOLED BLAST FURNACE, STAB AGG, CLASS D QUALITY	063CM16				TONS	SLAG ACBF S AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA01				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA02				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA03				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA04				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA05				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA06				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA07				TONS	CHAT SS AGG CLDQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA08				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA09				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA10				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA11				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA12				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA13				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA14				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA15				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CA16				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM01				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILISED AGGREGATE, CLASS D QUALITY	064CM02				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM03				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM04				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM05				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM06				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM07				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM08				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM09				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM10				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM11				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM12				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM13				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM14				TONS	CHAT SS AGG CLDQ
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM15				TONS	CHAT SS AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHAT, STABILIZED AGGREGATE, CLASS D QUALITY	064CM16				TONS	CHAT SS AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA01				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA02				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA03				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA04				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA05				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA06				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA07				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA08				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA09				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA10				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA11				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA12				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA13				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA14				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA15				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CA16				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM01				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM02				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM03				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM04				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM05				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM06				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM07				TONS	SYN S AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM08				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM09				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM10				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM11				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM12				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM13				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM14				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM15				TONS	SYN S AGG CLDQ
D	SYNTHETIC, STABILIZED AGGREGATE, CLASS D QUALITY	065CM16				TONS	SYN S AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA01				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA02				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA03				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA04				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA05				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA06				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA07				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA08				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA09				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA10				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA11				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA12				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA13				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA14				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA15				TONS	SLAG WBB AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CA16				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM01				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM02				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM03				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM04				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM05				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM06				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM07				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM08				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM09				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM10				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM11				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM12				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM13				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM14				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM15				TONS	SLAG WBB AGG CLDQ
D	SLAG, WET BOTTOM BOILER, AGGREGATE CLASS D QUALITY	066CM16				TONS	SLAG WBB AGG CLDQ
	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CAM06				M TON	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CAM10				M TON	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA01				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA02				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA03				TONS	SPEC S AGG CLDQ
	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA04				TONS	SPEC S AGG CLDQ
	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA05				TONS	SPEC S AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA06				TONS	SPEC S AGG CLDQ
	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA07				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA08				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA09				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA10				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA11				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA12				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA13				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA14				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA15				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA16				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA17				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA18				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CA19				TONS	SPEC S AGG CLDQ
	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CMM06				M TON	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CMM10				M TON	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM01				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM02				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM03				TONS	SPEC S AGG CLDQ
	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM04				TONS	SPEC S AGG CLDQ
	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM05				TONS	SPEC S AGG CLDQ
	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM06				TONS	SPEC S AGG CLDQ
	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM07				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM08				TONS	SPEC S AGG CLDQ

SEQ: MATCODE MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM09				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM10				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM11				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM12				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM13				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM14				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM15				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM16				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM17				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM18				TONS	SPEC S AGG CLDQ
D	SPECIAL, STABILIZED AGGREGATE, CLASS D QUALITY	069CM19				TONS	SPEC S AGG CLDQ
D	GRAVEL, BEDDING FOR RIPRAP, CLASS A QUALITY	070CMM00				M TON	GRAV BED RIPRAP CLAQ
D	GRAVEL, BEDDING FOR RIPRAP, CLASS A QUALITY	070CM00				TONS	GRAV BED RIPRAP CLAQ
D	GRAVEL,BEDDING FOR RIPRAP,CLASS A QUALITY, GRADATION RR 2	070CM01				TONS	GRAV BED RR CLAQ RR2
D	GRAVEL,BEDDING FOR RIPRAP,CLASS A QUALITY, GRADATION RR 1	070CM03				TONS	GRAV BED RR CLAQ RR1
D	CR STONE, BEDDING FOR RIPRAP, CLASS A QUALITY, GRADATION RR	072CAM01				M TON	STONE BED RR 2 CLAQ
D	CR STONE, BEDDING FOR RIPRAP, CLASS A QUALITY, GRADATION RR	072CAM03				M TON	STONE BED RR 1 CLAQ
D	CR STONE, BEDDING FOR RIPRAP, CLASS A QUALITY, GRADATION RR	072CA01				TONS	STONE BED RR 2 CLAQ
D	CR STONE, BEDDING FOR RIPRAP, CLASS A QUALITY, GRADATION RR	072CA03				TONS	STONE BED RR 1 CLAQ
D	CRUSHED STONE, BEDDING FOR RIPRAP, CLASS A QUALITY	072CMM00				M TON	CR STONE BED RR CLAQ
D	CR STONE,BEDDING FOR RIPRAP,CLASS A QUALITY, GRADATION RR	072CMM01				M TON	STONE BED RR 2 CLAQ
D	CR STONE,BEDDING FOR RIPRAP,CLASS A QUALITY, GRADATION RR	072CMM03				M TON	STONE BED RR 1 CLAQ
D	CRUSHED STONE, BEDDING FOR RIPRAP, CLASS A QUALITY	072CM00				TONS	CR STONE BED RR CLAQ
D	CR STONE,BEDDING FOR RIPRAP,CLASS A QUALITY, GRADATION RR 2	072CM01				TONS	STONE BED RR 2 CLAQ

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CR STONE,BEDDING FOR RIPRAP,CLASS A QUALITY, GRADATION RR 1	072CM03				TONS	STONE BED RR 1 CLAQ
D	SLAG, AIR COOLED BLAST FURNACE, BEDDING FOR RIPRAP CL A QUAL	073CM00				TONS	SLG ACBF BED RR CLAQ
D	CR SLAG, BEDDING FOR RIPRAP, CLASS A QUALITY, GRADATION RR 2	073CM01				TONS	CR SLG BED RR2 CLAQ
D	CR SLAG, BEDDING FOR RIPRAP, CLASS A QUALITY, GRADATION RR 1	073CM03				TONS	CR SLG BED RR1 CLAQ
D	RIPRAP, STONE, CLASS A QUALITY	074CMM00				M TON	RIPRAP STONE CLAQ
D	RIPRAP,STONE, CLASS A QUALITY,GRADATION RR 7	074CMM100				M TON	RR 7 STONE CLAQ
D	RIPRAP, STONE, CLASS A QUALITY, GRADATION RR4	074CMM150				M TON	RR4 STONE CLAQ
D	RIPRAP, STONE, CLASS A QUALITY, GRADATION RR3, MODIFIED	074CMM40				M TON	RR3 STONE CLAQ MOD
D	RIPRAP, STONE, CLASS A QUALITY, GRADATION RR5	074CMM400				M TON	RR5 STONE CLAQ
D	RIPRAP, STONE, CLASS A QUALITY, GRADATION RR3	074CMM50				M TON	RR3 STONE CLAQ
D	RIPRAP, STONE, CLASS A QUALITY, GRADATION RR6	074CMM600				M TON	RR6 STONE CLAQ
D	RIPRAP, STONE, CLASS A QUALITY	074CM00				TONS	RIPRAP STONE CLAQ
D	RIPRAP,STONE, CLASS A QUALITY,GRADATION RR 7	074CM1000				TONS	RR 7 STONE CLAQ
D	RIPRAP, STONE, CLASS A QUALITY, GRADATION RR4	074CM150				TONS	RR4 STONE CLAQ
D	RIPRAP, STONE, CLASS A QUALITY, GRADATION RR3, MODIFIED	074CM40				TONS	RR3 STONE CLAQ MOD
D	RIPRAP, STONE, CLASS A QUALITY, GRADATION RR5	074CM400				TONS	RR5 STONE CLAQ
D	RIPRAP, STONE, CLASS A QUALITY, GRADATION RR3	074CM50				TONS	RR3 STONE CLAQ
D	RIPRAP, STONE, CLASS A QUALITY, GRADATION RR6	074CM600				TONS	RR6 STONE CLAQ
D	RIPRAP, BROKEN CONCRETE	075CMM00				M TON	RIPRAP BROKEN CONC
D	RIP RAP, BROKEN CONCRETE, GRADATION RR 2	075CMM01				M TON	RR2 BROKEN CONC
D	RIP RAP, BROKEN CONCRETE, GRADATION RR1	075CMM03				M TON	RR1 BROKEN CONC
D	RIP RAP, BROKEN CONCRETE, GRADATION RR4	075CMM150				M TON	RR4 BROKEN CONC
D	RIP RAP, BROKEN CONCRETE, GRADATION RR 3	075CMM50				M TON	RR3 BROKEN CONC
D	RIPRAP, BROKEN CONCRETE	075CM00				TONS	RIPRAP BROKEN CONC

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	RIP RAP, BROKEN CONCRETE, GRADATION RR 2	075CM01				TONS	RR2 BROKEN CONC
D	RIP RAP, BROKEN CONCRETE, GRADATION RR 1	075CM03				TONS	RR1 BROKEN CONC
D	RIP RAP, BROKEN CONCRETE, GRADATION RR4	075CM150				TONS	RR4 BROKEN CONC
D	RIP RAP, BROKEN CONCRETE, GRADATION RR 3	075CM50				TONS	RR3 BROEKN CONC
D	RIPRAP, STONE, CLASS B QUALITY,	076CMM00				M TON	RIPRAP STONE CLBQ
D	CR STONE,BEDDING FOR RIPRAP,CLASS B QUALITY,GRADATION RR	076CMM01				M TON	STONE BED RR 2 CLBQ
D	CR STONE,BEDDING FOR RIPRAP,CLASS B QUALITY,GRADATION RR	076CMM03				M TON	STONE BED RR 1 CLBQ
D	RIPRAP, STONE, CLASS B QUALITY, GRADATION RR7	076CMM100				M TON	RR7 STONE CLBQ
D	RIPRAP, STONE, CLASS B QUALITY, GRADATION RR4	076CMM150				M TON	RR4 STONE CLBQ
D	RIPRAP, STONE, CLASS B QUALITY, GRADATION RR5	076CMM400				M TON	RR5 STONE CLBQ
D	RIPRAP, STONE, CLASS B QUALITY, GRADATION RR3	076CMM50				M TON	RR3 STONE CLBQ
D	RIPRAP, STONE, CLASS B QUALITY, GRADATION RR6	076CMM600				M TON	RR6 STONE CLBQ
D	RIDRAP, STONE, CLASS D QUALITY	076CM00				TONS	RIPRAP STONE CLDQ
D	CR STONE,BEDDING FOR RIPRAP,CLASS B QUALITY,GRADATION RR 2	076CM01				TONS	STONE BED RR 2 CLBQ
D	CR STONE,BEDDING FOR RIPRAP,CLASS B QUALITY,GRADATION RR 1	076CM03				TONS	STONE BED RR 1 CLBQ
D	RIPRAP, STONE, CLASS B QUALITY, GRADATION RR7	076CM1000				TONS	RR7 STONE CLBQ
D	RIPRAP, STONE, CLASS B QUALITY, GRADATION RR4	076CM150				TONS	RR4 STONE CLBQ
D	RIPRAP, STONE, CLASS B QUALITY, GRADATION RR5	076CM400				TONS	RR5 STONE CLBQ
D	RIPRAP, STONE, CLASS B QUALITY, GRADATION RR3	076CM50				TONS	RR3 STONE CLBQ
D	RIPRAP, STONE, CLASS B QUALITY, GRADATION RR6	076CM600				TONS	RR6 STONE CLBQ
D	AGGREGATE DITCH, STONE	077CMM00				M TON	AGGDITCH STONE
D	AGGREGATE DITCH, STONE, CLASS B QUALITY, GRADATION RR3	077CMM50				M TON	AGGDITCH ST CLB RR3
D	AGGREGATE DITCH, STONE	077CM00				TONS	AGGDITCH STONE
D	AGGREGATE DITCH, STONE, CLASS B QUALITY, GRADATION RR3	077CM50				TONS	AGGDITCH ST CLB RR3

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	WATER BOUND MACADAM AGGREGATE, CLASS D QUALITY	078CAM01				M TON	WBMCADAM AGG CLDQ
	WATER BOUND MACADAM AGGREGATE, CLASS D QUALITY	078CA01				TONS	WBMCADAM AGG CLDQ
	WATER BOUND MACADAM AGGREGATE, CLASS D QUALITY	078CMM01				M TON	WBMCADAM AGG CLDQ
	WATER BOUND MACADAM AGGREGATE, CLASS D QUALITY	078CM01				TONS	WBMCADAM AGG CLDQ
	SPECIAL	079CAM01				M TON	SPECIAL
	SPECIAL	079CAM03				M TON	SPECIAL
	SPECIAL	079CAM04				M TON	SPECIAL
	SPECIAL	079CAM05				M TON	SPECIAL
	SPECIAL	079CAM06				M TON	SPECIAL
	SPECIAL	079CAM07				M TON	SPECIAL
	SPECIAL	079CAM08				M TON	SPECIAL
	SPECIAL	079CAM09				M TON	SPECIAL
	SPECIAL	079CAM10				M TON	SPECIAL
	SPECIAL	079CAM11				M TON	SPECIAL
	SPECIAL	079CAM12				M TON	SPECIAL
	SPECIAL	079CAM13				M TON	SPECIAL
	SPECIAL	079CAM14				M TON	SPECIAL
	SPECIAL	079CAM15				M TON	SPECIAL
	SPECIAL	079CAM16				M TON	SPECIAL
	SPECIAL	079CAM20				M TON	SPECIAL
	SPECIAL	079CA01				TONS	SPECIAL
	SPECIAL	079CA02				TONS	SPECIAL
	SPECIAL	079CA03				TONS	SPECIAL
	SPECIAL	079CA04				TONS	SPECIAL

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SPECIAL	079CA05				TONS	SPECIAL
	SPECIAL	079CA06				TONS	SPECIAL
	SPECIAL	079CA07				TONS	SPECIAL
	SPECIAL	079CA08				TONS	SPECIAL
	SPECIAL	079CA09				TONS	SPECIAL
	SPECIAL	079CA10				TONS	SPECIAL
	SPECIAL	079CA11				TONS	SPECIAL
	SPECIAL	079CA12				TONS	SPECIAL
	SPECIAL	079CA13				TONS	SPECIAL
	SPECIAL	079CA14				TONS	SPECIAL
	SPECIAL	079CA15				TONS	SPECIAL
	SPECIAL	079CA16				TONS	SPECIAL
	SPECIAL	079CA17				TONS	SPECIAL
	SPECIAL	079CA18				TONS	SPECIAL
	SPECIAL	079CA19				TONS	SPECIAL
	SPECIAL	079CA20				TONS	SPECIAL
	SPECIAL	079CMM01				M TON	SPECIAL
	SPECIAL	079CMM03				M TON	SPECIAL
	SPECIAL	079CMM05				M TON	SPECIAL
	SPECIAL	079CMM06				M TON	SPECIAL
	SPECIAL	079CMM07				M TON	SPECIAL
	SPECIAL	079CMM08				M TON	SPECIAL
	SPECIAL	079CMM09				M TON	SPECIAL
	SPECIAL	079CMM10				M TON	SPECIAL

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SPECIAL	079CMM11				M TON	SPECIAL
	SPECIAL	079CMM15				M TON	SPECIAL
D	SPECIAL	079CMM150				M TON	SPECIAL
	SPECIAL	079CMM16				M TON	SPECIAL
	SPECIAL	079CMM20				M TON	SPECIAL
D	SPECIAL	079CMM400				M TON	SPECIAL
D	SPECIAL	079CMM50				M TON	SPECIAL
	SPECIAL	079CM01				TONS	SPECIAL
	SPECIAL	079CM02				TONS	SPECIAL
	SPECIAL	079CM03				TONS	SPECIAL
	SPECIAL	079CM04				TONS	SPECIAL
	SPECIAL	079CM05				TONS	SPECIAL
	SPECIAL	079CM06				TONS	SPECIAL
	SPECIAL	079CM07				TONS	SPECIAL
	SPECIAL	079CM08				TONS	SPECIAL
	SPECIAL	079CM09				TONS	SPECIAL
	SPECIAL	079CM10				TONS	SPECIAL
	SPECIAL	079CM11				TONS	SPECIAL
	SPECIAL	079CM12				TONS	SPECIAL
	SPECIAL	079CM13				TONS	SPECIAL
	SPECIAL	079CM14				TONS	SPECIAL
	SPECIAL	079CM15				TONS	SPECIAL
D	SPECIAL	079CM150				TONS	SPECIAL
	SPECIAL	079CM16				TONS	SPECIAL

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SPECIAL	079CM17				TONS	SPECIAL
	SPECIAL	079CM18				TONS	SPECIAL
	SPECIAL	079CM19				TONS	SPECIAL
	SPECIAL	079CM20				TONS	SPECIAL
D	SPECIAL	079CM400				TONS	SPECIAL
D	SPECIAL	079CM50				TONS	SPECIAL
D	SPECIAL	079FA01				TONS	SPECIAL
D	SPECIAL	079FA02				TONS	SPECIAL
D	SPECIAL	079FA03				TONS	SPECIAL
D	SPECIAL	079FA04				TONS	SPECIAL
D	SPECIAL	079FA05				TONS	SPECIAL
D	SPECIAL	079FA06				TONS	SPECIAL
D	SPECIAL	079FA07				TONS	SPECIAL
D	SPECIAL	079FA08				TONS	SPECIAL
D	SPECIAL	079FA09				TONS	SPECIAL
D	SPECIAL	079FA10				TONS	SPECIAL
D	SPECIAL	079FM01				TONS	SPECIAL
D	SPECIAL	079FM02				TONS	SPECIAL
D	SPECIAL	079FM03				TONS	SPECIAL
D	SPECIAL	079FM04				TONS	SPECIAL
D	SPECIAL	079FM05				TONS	SPECIAL
D	SPECIAL	079FM06				TONS	SPECIAL
D	SPECIAL	079FM07				TONS	SPECIAL
D	SPECIAL	079FM08				TONS	SPECIAL

SEQ: MATCODE

MATERIAL GROUP: 001 AGGREGATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D SPECIAL		079FM09				TONS	SPECIAL
SPECIAL		079FM10				TONS	SPECIAL

SEQ: MATCODE

MATERIAL GROUP: 100 BITUMINOUS MATERIAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ASPHALT CEMENT, GRADE AC-(200-300)	10101				TONS	AC GR 200-300
D	ASPHALT CEMENT, GRADE AC-(150-200)	10102				TONS	AC GR 150-200
D	ASPHALT CEMENT, GRADE AC-(120-150)	10103				TONS	AC GR 120-150
D	ASPHALT CEMENT, GRADE AC-(100-120)	10104				TONS	AC GR 100-120
D	ASPHALT CEMENT, GRADE AC-(85-100)	10105				TONS	AC GR 85-100
D	ASPHALT CEMENT, GRADE AC-(70-85)	10106				TONS	AC GR 70-85
D	ASPHALT CEMENT, GRADE AC-(60-70)	10107				TONS	AC GR 60-70
D	ASPHALT CEMENT, GRADE AC-(50-60)	10108				TONS	AC GR 50-60
D	ASPHALT CEMENT, GRADE AC 2.5	10109				TONS	AC GR 2.5
D	ASPHALT CEMENT, GRADE AC 2.5	10109M				M TON	AC GR 2.5
D	ASPHALT CEMENT, GRADE AC 5	10110				TONS	AC GR 5
D	ASPHALT CEMENT, GRADE AC 5	10110M				M TON	AC GR 5
D	ASPHALT CEMENT, GRADE AC 10	10111				TONS	AC GR 10
D	ASPHALT CEMENT, GRADE AC 10	10111M				M TON	AC GR 10
D	ASPHALT CEMENT, GRADE AC 20	10112				TONS	AC GR 20
D	ASPHALT CEMENT, GRADE AC 20	10112M				M TON	AC GR 20
D	ASPHALT CEMENT, GRADE AC 40	10113				TONS	AC GR 40
D	ASPHALT CEMENT, GRADE AC 40	10113M				M TON	AC GR 40
D	ASPHALT CEMENT, GRADE AR-40	10114				TONS	AC GRADE AR-40
D	ASPHALT CEMENT, PERFORMANCE GRADED, PG 46-22	10120				TONS	AC PG 46-22
D	ASPHALT CEMENT, PERFORMANCE GRADED, PG 46-22	10120M				M TON	AC PG 46-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 46-28	10121				TONS	AC PG 46-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 46-28	10121M				M TON	AC PG 46-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 46-34	10122				TONS	AC PG 46-34

SEQ: MATCODE

MATERIAL GROUP: 100 BITUMINOUS MATERIAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ASPHALT BINDER, PERFORMANCE GRADED, PG 46-34	10122M				M TON	AC PG 46-34
D	ASPHALT CEMENT, PERFORMANCE GRADED, PG 52-22	10123				TONS	AC PG 52-22
D	ASPHALT CEMENT, PERFORMANCE GRADED, PG 52-22	10123M				M TON	AC PG 52-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 52-28	10124				TONS	AC PG 52-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 52-28	10124M				M TON	AC PG 52-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-22	10125				TONS	AC PG 58-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-22	10125M				M TON	AC PG 58-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-28	10126				TONS	AC PG 58-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-28	10126M				M TON	AC PG 58-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-22	10127				TONS	AC PG 64-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-22	10127M				M TON	AC PG 64-22
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-28 MODIFIED	10128				TONS	AC PG 64-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-28 MODIFIED	10128M				M TON	AC PG 64-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-22 MODIFIED	10129				TONS	AC PG 70-22 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-22 MODIFIED	10129M				M TON	AC PG 70-22 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-28 MODIFIED	10130				TONS	AC PG 70-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-28 MODIFIED	10130M				M TON	AC PG 70-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 76-22 MODIFIED	10131				TONS	AC PG 76-22 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 76-22 MODIFIED	10131M				M TON	AC PG 76-22 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 76-28 MODIFIED	10132				TONS	AC PG 76-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 76-28 MODIFIED	10132M				M TON	AC PG 76-28 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-28	10133				TONS	AC PG 64-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-28	10133M				M TON	AC PC 64-28
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-22	10134				TONS	AC PG 70-22

SEQ: MATCODE

MATERIAL GROUP: 100 BITUMINOUS MATERIAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ASPHALT BINDER, PERFORMANCE GRADED, PG 70-22	10134M				M TON	AC PG 70-22
	ASPHALT BINDER, 64-22, GROUND TIRE RUBBER 10%	10135				TONS	AB 64-22 GTR 10
	ASPHALT BINDER, 64-22, GROUND TIRE RUBBER 10%	10135M				M TON	AB 64-22 GTR 10
	ASPHALT BINDER, PERFORMANCE GRADED, PG 52-34	10136				TONS	AC PG 52-34
	ASPHALT BINDER, PERFORMANCE GRADED, PG 52-34	10136M				M TON	AC PG 52-34
D	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-34	10137				TONS	AC PG 58-34
D	ASPHALT BINDER, PERFORMANCE GRADED, PG 58-34	10137M				M TON	AC PG 58-34
	ASPHALT BINDER, PERFORMANCE GRADED, PG 64-34 MODIFIED	10138				TONS	AC PG 64-34 MOD
	ASPHALT BINDER, PERFORMANCE GRADED, PG 88-28 MODIFIED, (FLS)	10139				TONS	AC PG 88-28 MOD FLS
	ASPHALT BINDER, PG 58-28, GROUND TIRE RUBBER 12%	10140				TONS	AB 58-28 GTR 12
	ASPHALT BINDER, PG 64-28, GROUND TIRE RUBBER 12%	10141				TONS	AB 64-28 GTR 12
D	ASPHALT CEMENT, SBS-SAF	10194				TONS	AC SBS-SAF
D	ASPHALT CEMENT, SBS-SAF	10194M				M TON	AC SBS-SAF
D	ASPHALT CEMENT, AC10 POLYMER MODIFIED HD	10195M				M TON	AC 10 POLYMOD HD
D	ASPHALT CEMENT, AC20 POLYMER MODIFIED HD	10196M				M TON	AC 20 POLYMOD HD
D	ASPHALT CEMENT, AC 10, POLYMER MODIFIED	10197M				M TON	AC 10 POLY MOD
D	ASPHALT CEMENT, AC 20, POLYMER MODIFIED	10198M				M TON	AC 20 POLY MOD
D	ASPHALT CEMENT, POLYMER MODIFIED	10199				TONS	AC POLY MOD
D	ASPHALT CEMENT, POLYMER MODIFIED	10199M				M TON	AC POLY MOD
	ROAD OIL, GRADE E-2 LIGHT	10301				GAL	ROAD OIL GR E 2 L
	ROAD OIL, GRADE E-2 LIGHT	10301M				LITER	ROAD OIL GR E 2 L
	ROAD OIL, GRADE E-3 MEDIUM	10302				GAL	ROAD OIL GR E 3 M
	ROAD OIL, GRADE E-3 MEDIUM	10302M				LITER	ROAD OIL GR E 3 M
	ROAD OIL, GRADE E-4 HEAVY	10303				GAL	ROAD OIL GR E 4 H

SEQ: MATCODE

MATERIAL GROUP: 100 BITUMINOUS MATERIAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ROAD OIL, GRADE E-4 HEAVY	10303M				LITER	ROAD OIL GR E 4 H
	ASPHALT, LIQUID RAPID CURING GRADE RC-70	10401				GAL	ASPHALT L GR RC70
	ASPHALT, LIQUID RAPID CURING GRADE RC-70	10401M				LITER	ASPHALT L GR RC70
D	ASPHALT, LIQUID RAPID CURING GRADE RC-250	10402				GAL	ASPHALT L GR RC250
D	ASPHALT, LIQUID RAPID CURING GRADE RC-250	10402M				LITER	ASPHALT L GR RC250
D	ASPHALT, LIQUID RAPID CURING GRADE RC-800	10403				GAL	ASPHALT L GR RC800
D	ASPHALT, LIQUID RAPID CURING GRADE RC-800	10403M				LITER	ASPHALT L GR RC800
D	ASPHALT, LIQUID RAPID CURING GRADE RC-3000	10404				GAL	ASPHALT L GR RC3000
D	ASPHALT, LIQUID RAPID CURING GRADE RC-3000	10404M				LITER	ASPHALT L GR RC3000
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-30	10501				GAL	ASPHALT L GR MC30
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-30	10501M				LITER	ASPHALT L GR MC30
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-70	10502				GAL	ASPHALT L GR MC70
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-70	10502M				LITER	ASPHALT L GR MC70
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-250	10503				GAL	ASPHALT L GR MC250
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-250	10503M				LITER	ASPHALT L GR MC250
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-800	10504				GAL	ASPHALT L GR MC800
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-800	10504M				LITER	ASPHALT L GR MC800
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-3000	10505				GAL	ASPHALT L GR MC3000
	ASPHALT, LIQUID MEDIUM CURING GRADE MC-3000	10505M				LITER	ASPHALT L GR MC3000
	ASPHALT, MULTI GRADE, CM300	10521				GAL	ASP MULTI GR CM300
	ASPHALT, MULTI GRADE, CM300	10521M				LITER	ASP MULTI GR CM300
	ASPHALT, MULTI GRADE, CM-90	10522				GAL	ASP MULTI GR CM90
	ASPHALT, MULTI GRADE, CM-90	10522M				LITER	ASP MULTI GR CM90
	ASPHALT, MULTI GRADE, CM150	10523				GAL	ASP MULTI GR CM150

SEQ: MATCODE

MATERIAL GROUP: 100 BITUMINOUS MATERIAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ASPHALT, MULTI GRADE, CM150	10523M				LITER	ASP MULTI GR CM150
	ASPHALT, LIQUID SLOW CURING GRADE SC-70	10601				GAL	ASPHALT L GR SC70
	ASPHALT, LIQUID SLOW CURING GRADE SC-70	10601M				LITER	ASPHALT L GR SC70
	ASPHALT, LIQUID SLOW CURING GRADE SC-250	10602				GAL	ASPHALT L GR SC250
	ASPHALT, LIQUID SLOW CURING GRADE SC-250	10602M				LITER	ASPHALT L GR SC250
	ASPHALT, LIQUID SLOW CURING GRADE SC-800	10603				GAL	ASPHALT L GR SC800
	ASPHALT, LIQUID SLOW CURING GRADE SC-800	10603M				LITER	ASPHALT L GR SC800
	ASPHALT, LIQUID SLOW CURING GRADE SC-3000	10604				GAL	ASPHALT L GR SC3000
	ASPHALT, LIQUID SLOW CURING GRADE SC-3000	10604M				LITER	ASPHALT L GR SC3000
D	ASPHALT, ANIONIC EMULSIFIED, RAPID SETTING, GRADE RS-1	10701				GAL	ASPHALT AE GR RS1
D	ASPHALT, ANIONIC EMULSIFIED, RAPID SETTING, GRADE RS-1	10701M				LITER	ASPHALT AE GR RS1
	ASPHALT, ANIONIC EMULSIFIED, RAPID SETTING, GRADE RS-2	10702				GAL	ASPHALT AE GR RS2
	ASPHALT, ANIONIC EMULSIFIED, RAPID SETTING, GRADE RS-2	10702M				LITER	ASPHALT AE GR RS2
D	ASPHALT, ANIONIC EMULSIFIED, MEDIUM SETTING, GRADE MS-1	10703				GAL	ASPHALT AE GR MS1
D	ASPHALT, ANIONIC EMULSIFIED, MEDIUM SETTING, GRADE MS-1	10703M				LITER	ASPHALT AE GR MS1
D	ASPHALT, ANIONIC EMULSIFIED, MEDIUM SETTING, GRADE MS-2	10704				GAL	ASPHALT AE GR MS2
D	ASPHALT, ANIONIC EMULSIFIED, MEDIUM SETTING, GRADE MS-2	10704M				LITER	ASPHALT AE GR MS2
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GRADE SS-1	10705				GAL	ASPHALT AE GR SS1
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GRADE SS-1	10705M				LITER	ASPHALT AE GR SS1
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GRADE SS-1H	10706				GAL	ASPHALT AE GR SS-1H
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GRADE SS-1H	10706M				LITER	ASPHALT AE GR SS-1H
D	ASPHALT, ANIONIC EMULSIFIED, GRADE CBAE-2	10707				GAL	ASPHALT CBAE-2
D	ASPHALT, ANIONIC EMULSIFIED, GRADE CBAE-2	10707M				LITER	ASPHALT CBAE-2
D	ASPHALT, ANIONIC EMULSIFIED, MS-2 MODIFIED	10708				GAL	ASPHALT AE MS2 MOD

SEQ: MATCODE

MATERIAL GROUP: 100 BITUMINOUS MATERIAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ASPHALT, ANIONIC EMULSIFIED, MS-2 MODIFIED	10708M				LITER	ASPHALT AE MS2 MOD
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GR SS-1HP, POLYMER	10709				GAL	ASPHALT AE GR SS-1HP
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING GR SS-1HP, POLYMER	10709M				LITER	ASPHALT AE GR SS-1HP
	ASPHALT, RAPID SETTING EMULSION, POLYMER MODIFIED (RSP)	10710				GAL	ASPHALT RSP
	ASPHALT, RAPID SETTING EMULSION, POLYMER MODIFIED (RSP)	10710M				LITER	ASPHALT RSP
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING, GRADE SS-1VH	10711				GAL	ASPHALT AE GR SS-1VH
	ASPHALT, ANIONIC EMULSIFIED, SLOW SETTING, GRADE SS-1VH	10711M				LITER	ASPHALT AE GR SS-1VH
	ASPHALT, ANIONIC EMULSION, NON-TRACKING, NTEA	10712				GAL	ASPHALT NTEA
	ASPHALT, ANIONIC EMULSIFIED, HIGH FLOAT, POLYMER (HFP)	10725				GAL	ASPHALT AHFE (HFP)
	ASPHALT, ANIONIC EMULSIFIED, HIGH FLOAT, POLYMER (HFP)	10725M				LITER	ASPHALT AHFE (HFP)
	ASPHALT, HIGH FLOAT ANIONIC EMUL, RAPID SET, POLYMER HFRS-2P	10726				GAL	ASPHALT HFRS-2P
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-60	10801				GAL	ASPHALT HFE GR 60
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-60	10801M				LITER	ASPHALT HFE GR 60
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-90	10802				GAL	ASPHALT HFE GR 90
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-90	10802M				LITER	ASPHALT HFE GR 90
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-150	10803				GAL	ASPHALT HFE GR 150
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-150	10803M				LITER	ASPHALT HFE GR 150
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-300	10804				GAL	ASPHALT HFE GR 300
	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-300	10804M				LITER	ASPHALT HFE GR 300
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-90S	10805				GAL	ASPHALT HFE GR 90S
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-90S	10805M				LITER	ASPHALT HFE GR 90S
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-KP	10806				GAL	ASPHALT HFE GR KP
D	ASPHALT, HIGH FLOAT EMULSIFIED, GRADE HFE-KP	10806M				LITER	ASPHALT HFE GR KP
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-1	10901				GAL	ASPHALT CE GR CRS1

SEQ: MATCODE

MATERIAL GROUP: 100 BITUMINOUS MATERIAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-1	10901M				LITER	ASPHALT CE GR CRS1
	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2	10902				GAL	ASPHALT CE GR CRS2
	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2	10902M				LITER	ASPHALT CE GR CRS2
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CMS-2	10903				GAL	ASPHALT CE GR CMS2
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CMS-2	10903M				LITER	ASPHALT CE GR CMS2
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CMS-2H	10904				GAL	ASPHALT CE GR CMS2H
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CMS-2H	10904M				LITER	ASPHALT CE GR CMS2H
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1	10905				GAL	ASPHALT CE GR CSS1
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1	10905M				LITER	ASPHALT CE GR CSS1
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1H	10906				GAL	ASPHALT CE GR CSS1H
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1H	10906M				LITER	ASPHALT CE GR CSS1H
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2H	10907				GAL	ASPHALT CE GR CRS2H
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2H	10907M				LITER	ASPHALT CE GR CRS2H
	ASPHALT, CATIONIC EMULSIFIED, SLOW SETTING GR CSS-1HP, POLYMER	10908				GAL	ASPH CE GR CSS-1HP
	ASPHALT, CATIONIC EMULSIFIED, SLOW SETTING GR CSS-1HP, POLYMER	10908M				LITER	ASPH CE GR CSS-1HP
D	ASPHALT, CUTBACK EMULSION, PRIMER L	10910				GAL	ASPH CUTBACK EM PR L
D	ASPHALT, CATIONIC EMUSLIFIED, CMS-2, MODIFIED	10911				GAL	ASPHALT CE CMS2 MOD
D	ASPHALT, CATIONIC EMUSLIFIED, CMS-2, MODIFIED	10911M				LITER	ASPHALT CE CMS2 MOD
D	ASPHALT, CATIONIC EMULSIFIED, CQS	10912				GAL	ASPHALT CE CQS
	ASPHALT, PENETRATING EMULSIFIED PRIME (PEP)	10913				GAL	ASPHALT PEP
	ASPHALT, PENETRATING EMULSIFIED PRIME (PEP)	10913M				LITER	ASPHALT PEP
D	ASPHALT, EMULSION DUST PALLATIVE	10914				GAL	ASPHALT AE-DP
D	ASPHALT, EMULSION DUST PALLATIVE	10914M				LITER	ASPHALT AE-DP
D	ASPHALT, HIGH FLOAT RECYCLING AGENT	10915				GAL	ASPHALT HFRA

SEQ: MATCODE

MATERIAL GROUP: 100 BITUMINOUS MATERIAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ASPHALT, HIGH FLOAT RECYCLING AGENT	10915M				LITER	ASPHALT HFRA
	ASPHALT, HIGH FLOAT ANIONIC EMULSIFIED, RAPID SET (HFRS-2)	10916				GAL	ASPHALT HFRS-2
	ASPHALT, HIGH FLOAT ANIONIC EMULSIFIED, RAPID SET (HFRS-2)	10916M				LITER	ASPHALT HFRS-2
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2S	10917				GAL	ASPHALT CE GR CRS2S
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-2S	10917M				LITER	ASPHALT CE GR CRS2S
D	ASPHALT, ARA-1	10918				GAL	ASPHALT ARA-1
	ASPHALT, EMULSIFIED, PENETRATING (PEA)	10919				GAL	ASPHALT PEA
	ASPHALT, EMULSIFIED, PENETRATING (PEA)	10919M				LITER	ASPHALT PEA
D	ASPHALT, CATIONIC EMULSIFIED, GRADE CRS-KP	10920				GAL	ASPHALT CE GR CRS-KP
	ASPHALT, CATIONIC EMULS, RAPID SET, POLYMER (CRSP)	10925				GAL	ASPHALT CRSE (CRSP)
	ASPHALT, CATIONIC EMULS, RAPID SET, POLYMER (CRSP)	10925M				LITER	ASPHALT CRSE (CRSP)
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1H LATEX MODIFIED	10926				GAL	ASPH CE GR CSS1H LM
	ASPHALT, CATIONIC EMULSIFIED, GRADE CSS-1H LATEX MODIFIED	10926M				LITER	ASPH CE GR CSS1H LM
	ASPHALT, EMULSION, COLD IN-PLACE RECYCLING (CIR-FDR EMULSION)	10927				GAL	ASPHALT CIR-FDR EMUL
	ASPHALT, EMULSION, COLD IN-PLACE RECYCLING (CIR-FDR EMULSION)	10927M				LITER	ASPHALT CIR-FDR EMUL
	ASPHALT, CATIONIC EMULSION, QUICK SET, POLYMER CQS-1HP	10928				GAL	ASPHALT CQS-1HP
	ASPHALT, CATIONIC EMULSION, RAPID SET, POLYMER CRS-2P	10929				GAL	ASPHALT CRS-2P
D	TAR, GRADE RT-1	11001				GAL	TAR GRADE RT1
D	TAR, GRADE RT-2	11002				GAL	TAR GRADE RT2
D	TAR, GRADE RT-3	11003				GAL	TAR GRADE RT3
D	TAR, GRADE RT-4	11004				GAL	TAR GRADE RT4
D	TAR, GRADE RT-5	11005				GAL	TAR GRADE RT5
D	TAR, GRADE RT-6	11006				GAL	TAR GRADE RT6
D	TAR, GRADE RT-7	11007				GAL	TAR GRADE RT7

SEQ: MATCODE

MATERIAL GROUP: 100 BITUMINOUS MATERIAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	TAR, GRADE RT-8	11008				GAL	TAR GRADE RT8
D	TAR, GRADE RT-9	11009				GAL	TAR GRADE RT9
D	TAR, GRADE RT-10	11010				GAL	TAR GRADE RT10
D	TAR, GRADE RT-11	11011				GAL	TAR GRADE RT11
D	TAR, GRADE RT-12	11012				GAL	TAR GRADE RT12
D	TAR, GRADE RTCB-5	11013				GAL	TAR GRADE RTCB5
D	TAR, GRADE RTCB-6	11014				GAL	TAR GRADE RTCB6
D	ASPHALT, CULVERT PIPE COATING	11101				GAL	ASPHALT CUL P COAT
D	ASPHALT, CULVERT PIPE COATING	11101M				LITER	ASPHALT CUL P COAT
D	ASPHALT, ROOFING	11102	32			TONS	ASPHALT ROOFING
D	ASPHALT, LIQUID PAVEMENT MARKING	11201				GAL	ASPHALT L PVT MK
D	TAR, PAVEMENT MARKING	11202				GAL	TAR PVT MK
D	MC BASE	11301				GAL	MC BASE
D	MC BASE	11301M				LITER	MC BASE
D	RC BASE	11302				GAL	RC BASE
D	RC BASE	11302M				LITER	RC BASE
D	SC BASE	11303				GAL	SC BASE
D	SC BASE	11303M				LITER	SC BASE
D	MC DILUENT	11401				GAL	MC DILUENT
D	MC DILUENT	11401M				LITER	MC DILUENT
D	RC DILUENT	11402				GAL	RC DILUENT
D	RC DILUENT	11402M				LITER	RC DILUENT
D	SC DILUENT	11403				GAL	SC DILUENT
D	SC DILUENT	11403M				LITER	SC DILUENT

SEQ: MATCODE

MATERIAL GROUP: 100 BITUMINOUS MATERIAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AC BASE NO 1, HARD	11501				TONS	AC BASE NO 1 HARD
D	AC BASE NO 1, HARD	11501M				M TON	AC BASE NO 1 HARD
D	AC BASE NO 2, SOFT	11502				TONS	AC BASE NO 2 SOFT
D	AC BASE NO 2, SOFT	11502M				M TON	AC BASE NO 2 SOFT

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, TYPE A	17501				TONS	BITCONC BCS CLI TY A
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, TYPE B	17502				TONS	BITCONC BCS CLI TY B
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, TYPE C	17503				TONS	BITCONC SCS CLI TY C
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, TYPE D	17504				TONS	BITCONC SCS CLI TY D
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, TYPE E	17505				TONS	BITCONC SCS CLI TY E
	MIXTURE FOR CRACKS, JOINTS & FLANGEWAYS	17506				TONS	MIX CR JTS FLANGEWYS
	MIXTURE FOR CRACKS, JOINTS & FLANGEWAYS	17506M				M TON	MIX CR JTS FLANGEWYS
D	BITUMINOUS CONCRETE BINDER COURSE, SPECIAL, TYPE A	17507				TONS	BITCONC BCS CLI STYA
D	BITUMINOUS CONCRETE BINDER COURSE, SPECIAL, TYPE B	17508				TONS	BITCONC BCS CLI STYB
D	BITUMINOUS CONCRETE SURFACE COURSE, SPECIAL, TYPE C	17509				TONS	BITCONC SCS CLI STYC
D	BITUMINOUS CONCRETE SURFACE COURSE, SPECIAL, TYPE C	17509M				M TON	BITCONC SCS CLI STYC
D	BITUMINOUS CONCRETE SURFACE COURSE, SPECIAL, TYPE D	17510				TONS	BITCONC CSC CLI STYD
D	BITUMINOUS CONCRETE SURFACE COURSE, SPECIAL, TYPE E	17511				TONS	BITCONC SCS CLI STYE
D	BITUMINOUS CONCRETE BINDER COURSE RECYCLED, TYPE A	17521				TONS	BITCONC BCS REC TYA
D	BITUMINOUS CONCRETE BINDER COURSE RECYCLED, TYPE B	17522				TONS	BITCONC BCS REC TYB
D	BITUMINOUS CONNCRETE SURFACE COURSE RECYCLED, TYPE C	17523				TONS	BITCONC SCS REC TYC
D	BITUMINOUS CONCRETE SURFACE COURSE RECYCLED, TYPE D	17524				TONS	BITCONC SCS REC TYD
D	BITUMINOUS CONCRETE SURFACE COURSE RECYCLED, TYPE E	17525				TONS	BITCONC SCS REC TYE
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, PASSING, TYPE A	17531				TONS	BITCONC BCS CLI P A
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, PASSING, TYPE A	17531M				M TON	BITCONC BSC CLI P A
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, PASSING, TYPE B	17532				TONS	BITCONC BCS CLI P B
D	BITUMINOUS CONCRETE BINDER COURSE, CLASS I, PASSING, TYPE B	17532M				M TON	BITCONC BSC CLI P B
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE C	17533				TONS	BITCONC SCS CLI P C
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE C	17533M				M TON	BITCONC SCS CLI P C

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE D	17534				TONS	BITCONC SCS CLI P D
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE D	17534M				M TON	BITCONC SCS CLI P D
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE E	17535				TONS	BITCONC SCS CLI P E
D	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, PASSING, TYPE E	17535M				M TON	BITCONC SCS CLI P E
D	BITUMINOUS CONCRETE SURFACE COURSE, N90, E, RECYCLED	17535MR				M TON	BITCONC SC N90 E REC
D	BITUMINOUS CONCRETE BINDER COURSE, PASSING RECYCLED, TYPE A	17541				TONS	BITCONC BCS PREC TYA
D	BITUMINOUS CONCRETE BINDER COURSE, PASSING RECYCLED, TYPE A	17541M				M TON	BITCONC BCS PREC TYA
D	BITUMINOUS CONCRETE BINDER COURSE, PASSING RECYCLED, TYPE B	17542				TONS	BITCONC BCS PREC TYB
D	BITUMINOUS CONCRETE BINDER COURSE, PASSING RECYCLED, TYPE B	17542M				M TON	BITCONC BCS PREC TYB
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE C	17543				TONS	BITCONC SCS PREC TYC
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE C	17543M				M TON	BITCONC SCS PREC TYC
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE D	17544				TONS	BITCONC SCS PREC TYD
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE D	17544M				M TON	BITCONC SCS PREC TYD
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE E	17545				TONS	BITCONC SCS PREC TYE
D	BITUMINOUS CONCRETE SURFACE COURSE, PASSING RECYCLED, TYPE E	17545M				M TON	BITCONC SCS PREC TYE
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1, A	17551				TONS	BITCONC BCS 1 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1, A	17551M				M TON	BITCONC BCS 1 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1, B	17552				TONS	BITCONC BCS 1 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1, B	17552M				M TON	BITCONC BCS 1 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1 RECYCLED, B	17552MR				M TON	BITCONC BCS 1 REC B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 1 RECYCLED, B	175520				TONS	BITCONC BCS 1 REC B
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, C	17553				TONS	BITCONC SCS 1 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, C	17553M				M TON	BITCONC SCS 1 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1 RECYCLED, C	17553MR				M TON	BITCONC SCS 1 REC C

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1 RECYCLED, C	175530				TONS	BITCONC SCS 1 REC C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, D	17554				TONS	BITCONC SCS 1 D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, D	17554M				M TON	BITCONC SCS 1 D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, RECYCLED, D	17554MR				M TON	BITCONC SCS 1 REC D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, RECYCLED, D	175540				TONS	BITCONC SCS 1 REC D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, E	17555				TONS	BITCONC SCS 1 E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, E	17555M				M TON	BITCONC SCS 1 E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, F	17556				TONS	BITCONC SCS 1 F
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 1, F	17556M				M TON	BITCONC SCS 1 F
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, A	17561				TONS	BITCONC BCS 2 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, A	17561M				M TON	BITCONC BCS 2 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RECYCLED, A	17561MR				M TON	BITCONC BCS 2 REC A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RECYCLED, A	175610				TONS	BITCONC BCS 2 REC A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, B	17562				TONS	BITCONC BCS 2 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, B	17562M				M TON	BITCONC BCS 2 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RECYCLED, B	17562MR				M TON	BITCONC BCS 2 REC B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RUBBER, B	17562M11				M TON	BITCONC BCS 2 RUB B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RECYCLED, B	175620				TONS	BITCONC BCS 2 REC B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 2, RUBBER, B	1756211				TONS	BITCONC BCS 2 RUB B
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, C	17563				TONS	BITCONC SCS 2 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, C	17563M				M TON	BITCONC SCS 2 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, C	17563MR				M TON	BITCONC SCS 2 REC C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RUBBER, C	17563M11				M TON	BITCONC SCS 2 RUB C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, C	175630				TONS	BITCONC SCS 2 REC C

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RUBBER, C	1756311				TONS	BITCONC SCS 2 RUB C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, D	17564				TONS	BITCONC SCS 2 D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, D	17564M				M TON	BITCONC SCS 2 D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, D	17564MR				M TON	BITCONC SCS 2 REC D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RUBBER, D	17564M11				M TON	BITCONC SCS 2 RUB D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, D	175640				TONS	BITCONC SCS 2 REC D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RUBBER, D	1756411				TONS	BITCONC SCS 2 RUB D
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, E	17565				TONS	BITCONC SCS 2 E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, E	17565M				M TON	BITCONC SCS 2 E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, E	17565MR				M TON	BITCONC SCS 2 REC E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, E	175650				TONS	BITCONC SCS 2 REC E
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, F	17566				TONS	BITCONC SCS 2 F
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, F	17566M				M TON	BITCONC SCS 2 F
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, F	17566MR				M TON	BITCONC SCS 2 REC F
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 2, RECYCLED, F	175660				TONS	BITCONC SCS 2 REC F
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, A	17571				TONS	BITCONC BCS 3 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, A	17571M				M TON	BITCONC BCS 3 A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, RECYCLED, A	17571MR				M TON	BITCONC BCS 3 REC A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, RECYCLED, A	175710				TONS	BITCONC BCS 3 REC A
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, B	17572				TONS	BITCONC BCS 3 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, B	17572M				M TON	BITCONC BCS 3 B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, RECYCLED, B	17572MR				M TON	BITCONC BCS REC B
D	BITUMINOUS CONCRETE BINDER COURSE, TYPE 3, RECYCLED, B	175720				TONS	BITCONC BCS REC B
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, C	17573				TONS	BITCONC SCS 3 C

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, C	17573M				M TON	BITCONC SCS 3 C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, RECYCLED, C	17573MR				M TON	BITCONC SCS 3 REC C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, RECYCLED, C	175730				TONS	BITCONC SCS 3 REC C
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3,C,L	17574				TONS	BITCONC SCS 3 CL
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3,C,L	17574M				M TON	BITCONC SCS 3 CL
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, RECYCLED,C,L	17574MR				M TON	BITCONC SCS 3 REC CL
D	BITUMINOUS CONCRETE SURFACE COURSE, TYPE 3, RECYCLED,C,L	175740				TONS	BITCONC SCS 3 REC CL
D	BITUMINOUS CONCRETE SURFACE COURSE, SAND ANTIFRAC LAYR, CLI	17599				TONS	BITCONC SCS SAFL CI
D	BITUMINOUS CONCRETE SURFACE COURSE, SAND ANTIFRAC LAYR, CLI	17599M				M TON	BITCONC SCS SAFL CI
D	BITUMINOUS SURFACE PLANT MIX, CLASS B	17601	1			TONS	BIT SUR PL MIX CLB
D	BITUMINOUS SURFACE PLANT MIX, CLASS B	17601M	1			M TON	BIT SUR PL MIX CLB
D	BITUMINOUS SURFACE ROAD MIX, CLASS B	17602	1			N/A	BIT SUR RD MIX CLB
D	BITUMINOUS SURFACE ROAD MIX, CLASS B	17602M	1			NA	BIT SUR RD MIX CLB
D	BITUMINOUS SURFACE PLANT MIX, CLASS B, RECYCLED	17621				TONS	BIT SUR PLMIX CLB RC
D	BITUMINOUS SURFACE PLANT MIX, CLASS B, RECYCLED	17621M				M TON	BIT SUR PLMIX CLB RC
D	BITUMINOUS AGGREGATE MIXTURE, SUB-BASE MIXTURE I	17701	2			TONS	BAM SUBBASE MIX I
D	BITUMINOUS AGGREGATE MIXTURE, SUB-BASE MIXTURE I	17701M	2			M TON	BAM SUBBASE MIX I
D	BITUMINOUS AGGREGATE MIXTURE, SUB-BASE MIXTURE II	17702	4			TONS	BAM SUBBASE MIX II
D	BITUMINOUS AGGREGATE MIXTURE, SUB-BASE MIXTURE II	17702M	4			M TON	BAM SUBBASE MIX II
D	BITUMINOUS AGGREGATE MIXTURE, SHOULDERS	17703	2			TONS	BAM SHOULDER
D	BITUMINOUS AGGREGATE MIXTURE, SHOULDERS	17703M	2			M TON	BAM SHOULDER
D	BITUMINOUS AGGREGATE MIXTURE SUBBASE RECYCLED MIXTURE I	17721				TONS	BAM SUBBASE REC MIXI
D	BITUMINOUS AGGREGATE MIXTURE SUBBASE RECYCLED MIXTURE I	17721M				M TON	BAM SUBBASE REC MIXI
D	BITUMINOUS AGGREGATE MIXTURE SUBBASE RECYCLED MIXTURE II	17722				TONS	BAM SUBBASE RECMIXII

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS AGGREGATE MIXTURE SHOULDERS RECYCLED	17723				TONS	BAM SHOULDER REC
D	BITUMINOUS AGGREGATE MIXTURE SHOULDERS RECYCLED	17723M				M TON	BAM SHOULDER REC
D	ASPHALT STABILIZED SUBBASE DRAINAGE LAYER (MIX)	17751				TONS	ASSB DRAIN LYR MIX
D	ASPHALT STABILIZED SUBBASE DRAINAGE LAYER (MIX)	17751M				M TON	ASSB DRAIN LYR MIX
D	BITUMINOUS BASE COURSE MIXTURE	17801	3			TONS	BIT BASE CS MIX
D	BITUMINOUS BASE COURSE MIXTURE	17801M	3			M TON	BIT BASE CS MIX
D	BITUMINOUS BASE COURSE RECYCLED MIXTURE	17821				TONS	BIT BASE CSE REC MIX
D	BITUMINOUS BASE COURSE RECYCLED MIXTURE	17821M				M TON	BIT BASE CSE REC MIX
D	BITUMINOUS BASE COURSE OPEN-GRADED PLANT MIX	17851				TONS	BIT BASE CS OGPM
D	BITUMINOUS BASE COURSE OPEN-GRADED PLANT MIX	17851M				M TON	BIT BASE CS OGPM
D	BITUMINOUS SURFACE TREATMENT, CLASS A-1	17901	4			N/A	BIT SUR TR CL A-1
D	BITUMINOUS SURFACE TREATMENT, CLASS A-2	17902	4			N/A	BIT SUR TR CL A-2
D	BITUMINOUS SURFACE TREATMENT, CLASS A-3	17903	4			N/A	BIT SUR TR CL A-3
	COLD IN-PLACE RECYCLING (CIR)	17904				SQYD	CIR
	COLD IN-PLACE RECYCLING (CIR)	17904M				SQ M	CIR
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, BINDER	18001				TONS	BIT MAINT MIX 17B
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, BINDER	18001M				M TON	BIT MAINT MIX 17B
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, SURFACE	18002				TONS	BIT MAINT MIX 17SUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, SURFACE	18002M				M TON	BIT MAINT MIX 17SUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, COARSE SURFACE	18003				TONS	BIT MAINT MIX 17CSUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, COARSE SURFACE	18003M				M TON	BIT MAINT MIX 17CSUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 17, FINE SURFACE	18004				TONS	BIT MAINT MIX 17FSUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 19	18005				TONS	BIT MAINT MIX M19
D	BITUMINOUS MAINTENANCE MIXTURE, M 20	18006				TONS	BIT MAINT MIX M20

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS MAINTENANCE MIX 1, M 31, 1/2-4	18007				TONS	BIT MAINT MIX M1 M31
D	BITUMINOUS MAINTENANCE MIX 2, M 31, 1/2-10	18008				TONS	BIT MAINT MIX M2 M31
D	BITUMINOUS MAINTENANCE MIX 2, M 31, 12.5MM-2.00MM	18008M				M TON	BIT MAINT MIX M2 M31
D	BITUMINOUS MAINTENANCE MIX 3, M 31, 3/8-10	18009				TONS	BIT MAINT MIX M3 M31
D	BITUMINOUS MAINTENANCE MIX 4, M 31, 3/8-200	18010				TONS	BIT MAINT MIX M4 M31
D	BITUMINOUS MAINTENANCE MIX 5, M 31, 3/8-10 (ALTERNATE)	18011				TONS	BIT MAINT MIX M5 M31
D	BITUMINOUS MAINTENANCE MIX 6, M 31, 3/8-200 (ALTERNATE)	18012				TONS	BIT MAINT MIX M6 M31
D	BITUMINOUS MAINTENANCE MIXTURE, MIX 1, M 41	18013				TONS	BIT MAINT MIX M1 M41
D	BITUMINOUS MAINTENANCE MIXTURE, MIX 2, M 41	18014				TONS	BIT MAINT MIX M2 M41
D	BITUMINOUS MAINTENANCE MIXTURE, M 47	18015				TONS	BIT MAINT MIX M47
D	BITUMINOUS MAINTENANCE MIXTURE, M 48, BINDER	18016				TONS	BIT MAINT MIX M48B
D	BITUMINOUS MAINTENANCE MIXTURE, M 48, SURFACE	18017				TONS	BIT MAINT MIX M48SUR
D	BITUMINOUS MAINTENANCE MIXTURE, M 48, SURFACE	18017M				M TON	BIT MAINT MIX M48SUR
D	BITUMINOUS MAINTENANCE MIXTURE, MIX 1, M 105	18018				TONS	BIT MAINT MIXM1 M105
D	BITUMINOUS MAINTENANCE MIXTURE, MIX 2, M 105	18019				TONS	BIT MAINT MIXM2 M105
D	BITUMINOUS MAINTENANCE MIXTURE M-87	18020				TONS	BIT MAINT MIX M87
D	BITUMINOUS MAINTENANCE MIXTURE, M-120	18021				TONS	BIT MAINT MIX M120
D	BITUMINOUS MAINTENANCE MIXTURE, M-120	18021M				M TON	BIT MAINT MIX M120
D	BITUMINOUS MAINTENANCE MIXTURE, M-126	18022				TONS	BIT MAINT MIX M126
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 1, 1/2-4	18031				TONS	BIT MAINT MIX1 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 2, 1/2-10	18032				TONS	BIT MAINT MIX2 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 2, 12.5MM-2.00MM	18032M				M TON	BIT MAINT MIX2 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 3, 3/8-10	18033				TONS	BIT MAINT MIX3 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 3, 9.5MM-2.00MM	18033M				M TON	BIT MAINT MIX3 M19

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 4, 3/8-200	18034				TONS	BIT MAINT MIX4 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 4, 9.5MM-.075MM	18034M				M TON	BIT MAINT MIX4 M19
	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 5, 1/2-200 (ALT)	18035				TONS	BIT MAINT MIX5 M19
	BITUMINOUS MAINTENANCE MIXTURE M19, MIX 5, 12.5MM-.075MM (ALT)	18035M				M TON	BIT MAINT MIX5 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 6, 3/8-10 (ALT)	18036				TONS	BIT MAINT MIX6 M19
D	BITUMINOUS MAINTENANCE MIXTURE, M19, MIX 7, 3/8-200 (ALT)	18037				TONS	BIT MAINT MIX7 M19
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL	18038				TONS	BIT MAINT MIX SPCL
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL	18038M				M TON	BIT MAINT MIX SPCL
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL, CA10	18039				TONS	BIT MNT MIX SPCL 10
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL, CA12	18040				TONS	BIT MNT MIX SPCL 12
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL, CA14	18041				TONS	BIT MNT MIX SPCL 14
D	BITUMINOUS MAINTENANCE MIXTURE, SPECIAL, CA16	18042				TONS	BIT MNT MIX SPCL 16
D	ASPHALT STAB BASE CS, ROAD MIX OR TRAVEL PLANT MIX, LR 310-1	18101	5			TONS	ASBC RM TPM LR 3101
D	ASPHALT STAB BASE CS, ROAD MIX OR TRAVEL PLANT MIX, LR 310-1	18102	4			TONS	ASBC RM TPM LR 3101S
D	ASPHALT STABILIZED BASE COURSE, PLANT MIX LR 310-2	18103	5			TONS	ASBC PM LR 3102
D	ASPHALT STABILIZED BASE COURSE, PLANT MIX LR 310-2	18104	4			TONS	ASBC PM LR 3102S
D	ASPHALT STABILIZED BASE COURSE, PLANT MIX LR 310-2	18104M	4			M TON	ASBC PM LR 3102S
D	BITUMINOUS AGGREGATE MIXTURE BASE COURSE, LR 311	18105				TONS	BAM BS CS LR311
D	BITUMINOUS AGGREGATE MIXTURE BASE COURSE, LR 311	18105M				M TON	BAM BS CS LR311
D	BITUMINOUS HOT MIX SAND SEAL COAT, LR	18106				TONS	BHM SSC LR
D	BITUMINOUS HOT MIX SAND SEAL COAT, LR	18106M				M TON	BHM SSC LR
D	BITUMINOUS ROAD MIX SURFACE, EARTH MAT TYPE, LR 421	18107	4			TONS	BRM SUR EM LR 421
D	BIT SURFACE MEDIUM GRADED AGG TYPE MOD PLANT MIX LR 423	18108	4			TONS	BS MGA MPM LR 423
D	PLASTICIZED BITUMEN HOT MIX SEAL, LR 424	18109	4			TONS	PBHMS LR 424

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PLASTICIZED BITUMEN HOT MIX SEAL, LR 424	18109M	4			M TON	PBHMS LR 424
	BITUMINOUS CURBING	18201				TONS	BITUMINOUS CURBING
	BITUMINOUS CURBING	18201M				M TON	BITUMINOUS CURBING
	COLD MIX ASPHALT, OPEN GRADED	18299				TONS	CMA OPEN GR
	COLD MIX ASPHALT, OPEN GRADED	18299M				M TON	CMA OPEN GR
D	OPEN-GRADED PLANT MIX WEARING COURSE	18301	4			TONS	OGPM WCS
D	OPEN-GRADED PLANT MIX WEARING COURSE	18301M				M TON	OGPM WCS
D	OPEN-GRADED PLANT MIX AERONAUTICS	18302				TONS	OGPM AERONAUTICS
D	BITUMINOUS POROUS FRICTION COURSE, 3/4 MAX, AERONAUTICS	18303				TONS	BIT PFC 3/4 AERO
D	BITUMINOUS POROUS FRICTION COURSE, 3/4 MAX, AERONAUTICS	18303M				M TON	BIT PFC 3/4 AERO
D	BITUMINOUS POROUS FRICTION COURSE, 1/2 MAX, AERONAUTICS	18304				TONS	BIT PFC 1/2 AERO
D	BITUMINOUS POROUS FRICTION COURSE, 12.5MM, AERONAUTICS	18304M				M TON	BIT PFC 12.5MM AERO
D	OPEN-GRADED PLANT MIX UNDERDRAIN PLUG	18305				TONS	OGPM UNDR PLUG
D	OPEN-GRADED PLANT MIX UNDERDRAIN PLUG	18305M				M TON	OGPM UNDR PLUG
	BITUMINOUS CONCRETE SURFACE COURSE, ULTRA-THIN ASPH FRICTION	18306				TONS	BITCONC UT ASPH FRIC
	BITUMINOUS CONCRETE SURFACE COURSE, ULTRA-THIN ASPH FRICTION	18306M				M TON	BITCONC UT ASPH FRIC
D	BITUMINOUS MIXTURE SPECIAL NO. 1-PASSING	18401				TONS	BIT MIX SP 1P
D	BITUMINOUS MIXTURE SPECIAL NO. 1-PASSING	18401M				M TON	BIT MIX SP 1P
D	BITUMINOUS MIXTURE SPECIAL NO. 2-PASSING	18402				TONS	BIT MIX SP 2P
D	BITUMINOUS MIXTURE SPECIAL NO. 2-PASSING	18402M				M TON	BIT MIX SP 2P
D	BITUMINOUS MIXTURE SPECIAL NO. 3-PASSING	18403				TONS	BIT MIX SP 3P
D	BITUMINOUS MIXTURE SPECIAL NO. 3-PASSING	18403M				M TON	BIT MIX SP 3P
D	BITUMINOUS MIXTURE SPECIAL NO. 4-PASSING	18404				TONS	BIT MIX SP 4P
D	BITUMINOUS MIXTURE SPECIAL NO. 4-PASSING	18404M				M TON	BIT MIX SP 4P

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ASPHALT SAND SEAL PROTECTIVE LAYER MIXTURE	18405				TONS	ASP SAND SEAL PL MIX
	ASPHALT SAND SEAL PROTECTIVE LAYER MIXTURE	18405M				M TON	ASP SAND SEAL PL MIX
D	BITUMINOUS MIXTURE ROSPHALT SAND	18415				TONS	BITMIX ROSPHALT SAND
D	BITUMINOUS STONE MATRIX ASPHALT 19.0MM CELLULOSE FIBER	18431M01				M TON	BIT SMA 19.0MM CELL
D	BITUMINOUS STONE MATRIX ASPHALT 19.0MM MINERAL FIBER	18431M02				M TON	BIT SMA 19.0MM MIN
D	BITUMINOUS STONE MATRIX ASPHALT .75IN CELLULOSE FIBER	1843101				TONS	BIT SMA .75IN CELL
D	BITUMINOUS STONE MATRIX ASPHALT .75IN MINERAL FIBER	1843102				TONS	BIT SMA .75IN MIN
D	BITUMINOUS STONE MATRIX ASPHALT 12.5MM CELLULOSE FIBER	18432M01				M TON	BIT SMA 12.5 MM CELL
D	BITUMINOUS STONE MATRIX ASPHALT 12.5MM MINERAL FIBER	18432M02				M TON	BIT SMA 12.5MM MIN
D	BITUMINOUS STONE MATRIX ASPHALT .50IN CELLULOSE FIBER	1843201				TONS	BIT SMA .50IN CELL
D	BITUMINOUS STONE MATRIX ASPHALT .50IN MINERAL FIBER	1843202				TONS	BIT SMA .50IN MIN
D	BITUMINOUS STONE MATRIX ASPHALT .75 POLYMER	18433				TONS	BIT SMA .75 POLY
D	BITUMINOUS STONE MATRIX ASPHALT 19.0MM POLYMER	18433M				M TON	BIT SMA 19.0MM POLY
D	BITUMINOUS STONE MATRIX ASPHALT 19.0MM POLYMER/MINERAL FIBER	18433M02				M TON	BIT SMA 19.0MM PLYMN
D	BITUMINOUS STONE MATRIX ASPHALT .75IN POLYMER/MINERAL FIBER	1843302				TONS	BIT SMA .75IN PLYMN
D	BITUMINOUS STONE MATRIX ASPHALT .50IN POLYMER	18434				TONS	BIT SMA .50IN POLY
D	BITUMINOUS STONE MATRIX ASPHALT 12.5MM POLYMER	18434M				M TON	BIT SMA 12.5MM POLY
D	BITUMINOUS STONE MATRIX ASPHALT 12.5MM POLYMER/MINERAL FIBER	18434M02				M TON	BIT SMA 12.5MM PLYMN
D	BITUMINOUS STONE MATRIX ASPHALT .50IN POLYMER/MINERAL FIBER	1843402				TONS	BIT SMA .50IN PLYMN
D	STONE MATRIX ASPHALT, BINDER, 12.5	18435				TONS	SMA BINDER 12.5
D	STONE MATRIX ASPHALT, BINDER, 12.5MM	18435M				M TON	SMA BINDER 12.5
D	STONE MATRIX ASPHALT, BINDER, 12.5, RECYCLED	18435MR				M TON	SMA BINDER 12.5 REC
D	STONE MATRIX ASPHALT, BINDER, 12.5, RECYCLED	18435R				TONS	SMA BINDER 12.5 REC
D	STONE MATRIX ASPHALT, SURFACE, 12.5	18436				TONS	SMA SURFACE 12.5

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STONE MATRIX ASPHALT, SURFACE, 12.5MM	18436M				M TON	SMA SURFACE 12.5
D	STONE MATRIX ASPHALT, SURFACE, 12.5, RECYCLED	18436MR				M TON	SMA SURFACE 12.5 REC
D	STONE MATRIX ASPHALT, SURFACE, 12.5, RECYCLED	18436R				TONS	SMA SURFACE 12.5 REC
D	STONE MATRIX ASPHALT, SURFACE, 4.75	18438				TONS	SMA SURFACE 4.75
	HOT MIX ASPHALT, SURFACE COURSE, N90, FINE GRADED	18461F				TONS	HMA SC N90 FG
	HOT MIX ASPHALT, SURFACE COURSE, N90, FINE GRADED, SPRINKLE	18462F1				TONS	HMA SC N90 FG SPR
D	BITUMINOUS MIXTURE SPECIAL NO. 1-PASS-RETAINED	18501				TONS	BIT MIX SPEC 1 PR
D	BITUMINOUS MIXTURE SPECIAL NO. 2-PASS-RETAINED	18502				TONS	BIT MIX SPEC 2 PR
D	BITUMINOUS MIXTURE SPECIAL NO. 3-PASS-RETAINED	18503				TONS	BIT MIX SPEC 3 PR
D	BITUMINOUS MIXTURE SPECIAL NO. 4-PASS-RETAINED	18504				TONS	BIT MIX SPEC 4 PR
D	BITUMINOUS BASE COURSE, 1 1/4 MAX, AERONAUTICS	18601				TONS	BIT BASE 1-1/4 AERO
D	BITUMINOUS BASE COURSE, 31.8MM, AERONAUTICS	18601M				M TON	BIT BASE 31.8MM AERO
D	BITUMINOUS BASE COURSE, 1-0 MAX, AERONAUTICS	18602				TONS	BIT BASE 1-0 AERO
D	BITUMINOUS BASE COURSE, 25.4MM, AERONAUTICS	18602M				M TON	BIT BASE 25.4MM AERO
D	BITUMINOUS BASE COURSE, 3/4 MAX, AERONAUTICS	18603				TONS	BIT BASE 3/4 AERO
D	BITUMINOUS BASE COURSE, 1/2 MAX, AERONAUTICS	18604				TONS	BIT BASE 1/2 AERO
D	BITUMINOUS BASE COURSE, 1/2 MAX, SAND, AERONAUTICS	18605				TONS	BIT BASE 1/2 SN AERO
D	BITUMINOUS BASE COURSE, TYPE A, AERONAUTICS	18611				TONS	BIT BASE TYA AERO
D	BITUMINOUS BASE COURSE, TYPE A, AERONAUTICS	18611M				M TON	BIT BASE TYA AERO
D	BITUMINOUS BASE COURSE, TYPE B, AERONAUTICS	18612				TONS	BIT BASE TYB AERO
D	BITUMINOUS BASE COURSE, TYPE B, 25.4MM MAX, AERONAUTICS	18612M				M TON	BIT BS B 25.4MAX AER
D	BITUMINOUS BASE COURSE, TYPE C, AERONAUTICS	18613				TONS	BIT BASE TYC AERO
D	BITUMINOUS BASE COURSE, TYPE C, AERONAUTICS	18613M				M TON	BIT BASE TYC AERO
D	BITUMINOUS BASE RECYCLED, TYPE A, AERONAUTICS	18621				TONS	BIT BASE REC A AERO

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS BASE RECYCLED, TYPE B, AERONAUTICS	18622				TONS	BIT BASE REC B AERO
D	BITUMINOUS BASE RECYCLED, TYPE B, AERONAUTICS	18622M				M TON	BIT BASE REC B AERO
D	BITUMINOUS BASE RECYCLED, TYPE C, AERONAUTICS	18623				TONS	BIT BASE REC C AERO
D	BITUMINOUS SURFACE COURSE, 1-0, +60KIP, AERONAUTICS	18701				TONS	BIT SUR 1-0+60K AERO
D	BITUMINOUS SURFACE COURSE, 3/4, +60KIP, AERONAUTICS	18702				TONS	BIT SUR 3/4+60K AERO
D	BITUMINOUS SURFACE COURSE, 1/2, +60KIP, AERONAUTICS	18703				TONS	BIT SUR 1/2+60K AERO
D	BITUMINOUS SURFACE COURSE, 1-0, -60KIP, AERONAUTICS	18704				TONS	BIT SUR 1-0-60K AERO
D	BITUMINOUS SURFACE COURSE, 3/4, -60KIP, AERONAUTICS	18705				TONS	BIT SUR 3/4-60K AERO
D	BITUMINOUS SURFACE COURSE, 1/2, -60KIP, AERONAUTICS	18706				TONS	BIT SUR 1/2-60K AERO
D	BITUMINOUS SURFACE COURSE, TYPE A, AERONAUTICS	18711				TONS	BIT SUR TYA AERO
D	BITUMINOUS SURFACE COURSE, TYPE A, AERONAUTICS	18711M				M TON	BIT SUR TYA AERO
D	BITUMINOUS SURFACE COURSE, TYPE B, AERONAUTICS	18712				TONS	BIT SUR TYB AERO
D	BITUMINOUS SURFACE COURSE, TYPE B, 19.0MM MAX., AERONAUTICS	18712M				M TON	BITSUR B 19.0MAX AER
D	BITUMINOUS SURFACE COURSE, TYPE C, AERONAUTICS	18713				TONS	BIT SUR TYC AERO
D	BITUMINOUS SURFACE COURSE, TYPE C, AERONAUTICS	18713M				M TON	BIT SUR TYC AERO
D	BITUMINOUS SURFACE RECYCLED, TYPE A, AERONAUTICS	18721				TONS	BIT SUR REC TYA AERO
D	BITUMINOUS SURFACE RECYCLED, TYPE B, AERONAUTICS	18722				TONS	BIT SUR REC TYB AERO
D	BITUMINOUS SURFACE RECYCLED, TYPE C, AERONAUTICS	18723				TONS	BIT SUR REC TYC AERO
D	BITUMINOUS SURFACE RECYCLED, TYPE C, AERONAUTICS	18723M				M TON	BIT SUR REC TYC AERO
D	BITUMINOUS MIXTURE FOR RECYCLING	18801				TONS	BIT MIX FOR RECYCLE
D	BITUMINOUS MIXTURE FOR RECYCLING	18801M				M TON	BIT MIX FOR RECYCLE
D	BITUMINOUS MIXTURE FOR RECYCLING	18802				SQYD	BIT MIX FOR RECYCLE
	WARM MIX ASPHALT, EXPERIMENTAL, MISTIC TRACKING	18888				TONS	WMA EXPERIMENTAL
D	BITUMINOUS CONCRETE BINDER COURSE, N30, 25.0	19501				TONS	BITCONC BC N30 25.0

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BITUMINOUS CONCRETE BINDER COURSE, N30, 25.0	19501M				M TON	BITCONC BC N30 25.0
D	BITUMINOUS CONCRETE BINDER COURSE, N30 25.0, RECYCLED	19501MR				M TON	BITCONC BC N30 25.0R
D	BITUMINOUS CONCETE BINDER COURSE, N30, 25.0, RECYCLED	19501R				TONS	BITCONC BC N30 25.0R
D	BITUMINOUS CONCRETE BINDER COURSE, N30, 19.0	19502				TONS	BITCONC BC N30 19.0
D	BITUMINOUS CONCRETE BINDER COURSE, N30, 19.0	19502M				M TON	BITCONC BC N30 19.0
D	BITUNIOUS CONCRETE BINDER COURSE, N30, 19.0, RECYCLED	19502MR				M TON	BITCONC BC N30 19.0R
D	BITUMINOUS CONCRETE BINDER COURSE, N30, 19.0, RECYCLED	19502R				TONS	BITCONC BC N30 19.0R
D	BITUMINOUS CONCRETE SURFACE COURSE, N30, C	19503				TONS	BITCONC SC N30 C
D	BITUMINOUS CONCRETE SURFACE COURSE, N30, C	19503M				M TON	BITCONC SC N30 C
D	BITUMINOUS CONCRETE SURFACE COURSE, N30, C, RECYCLED	19503MR				M TON	BITCONC SC N30 C REC
D	BITUMINOUS CONCRETE SURFACE COURSE, N30, C, RECYCLED	19503R				TONS	BITCONC SC N30 C REC
	HOT MIX ASPHALT, BINDER COURSE, N30, 19.0L	19504				TONS	HMA BC N30 19.0L
	HOT MIX ASPHALT, BINDER COURSE, N30, 19.0L	19504M				M TON	HMA BC N30 19.0L
	HOT MIX ASPHALT, BINDER COURSE, N30, 19.0L, RECYCLED	19504MR				M TON	HMA BC N30 19LR
	HOT MIX ASPHALT, BINDER COURSE, N30, 19.0L, RECYCLED	19504R				TONS	HMA BC N30 19LR
	HOT MIX ASPHALT, SURFACE COURSE, N30, C, 9.5L	19505				TONS	HMA SC N30 C 9.5L
	HOT MIX ASPHALT, SURFACE COURSE, N30, C, 9.5L	19505M				M TON	HMA SC N30 C 9.5L
	HOT MIX ASPHALT, SURFACE COURSE, N30, C, 9.5L, RECYCLED	19505MR				M TON	HMA SC N30 C 9.5LR
	HOT MIX ASPHALT, SURFACE COURSE, N30, C, 9.5L, RECYCLED	19505R				TONS	HMA SC N30 C 9.5LR
D	BITUMINOUS AGGREGATE MIXTURE, N30, RECYCLED	19506MR				M TON	BAM N30 RECYCLED
	HOT MIX ASPHALT, N50, 4.75	19510				TONS	HMA N50 4.75
	HOT MIX ASPHALT, N50, 4.75	19510M				M TON	HMA N50 4.75
	HOT MIX ASPHALT, N50, 4.75, RECYCLED	19510MR				M TON	HMA N50 4.75 REC
	HOT MIX ASPHALT, N50, 4.75, RECYCLED	19510R				TONS	HMA N50 4.75 REC

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	HOT MIX ASPHALT, BINDER COURSE, N50, 25.0	19511				TONS	HMA BC N50 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N50, 25.0	19511M				M TON	HMA BC N50 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N50, 25.0, RECYCLED	19511MR				M TON	HMA BC N50 25.0R
D	HOT MIX ASPHALT, BINDER COURSE, N50, 25.0, RECYCLED	19511R				TONS	HMA BC N50 25.0R
	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0	19512				TONS	HMA BC N50 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, FINE GRADED	19512F				TONS	HMA BC N50 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, FINE GRADED REC	19512FR				TONS	HMA BC N50 19.0FG R
	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0	19512M				M TON	HMA BC N50 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, FINE GRADED	19512MF				M TON	HMA BC N50 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, FINE GRADED REC	19512MFR				M TON	HMA BC N50 19.0FG R
	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, RECYCLED	19512MR				M TON	HMA BC N50 19.0R
	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, RECYCLED	19512R				TONS	HMA BC N50 19.0R
	HOT MIX ASPHALT, SURFACE COURSE, N50, C	19513				TONS	HMA SC N50 C
	HOT MIX ASPHALT, SURFACE COURSE, N50, C, FINE GRADED	19513F				TONS	HMA SC N50 C FG
	HOT MIX ASPHALT, SURFACE COURSE, N50, C, FINE GRADED REC	19513FR				TONS	HMA SC N50 C FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, C	19513M				M TON	HMA SC N50 C
	HOT MIX ASPHALT, SURFACE COURSE, N50, C, FINE GRADED	19513MF				M TON	HMA SC N50 C FG
	HOT MIX ASPHALT, SURFACE COURSE, N50, C, FINE GRADED REC	19513MFR				M TON	HMA SC N50 C FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, C, RECYCLED	19513MR				M TON	HMA SC N50 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, C RECYCLED	19513R				TONS	HMA SC N50 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, D	19514				TONS	HMA SC N50 D
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED	19514F				TONS	HMA SC N50 D FG
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED REC	19514FR				TONS	HMA SC N50 D FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, D	19514M				M TON	HMA SC N50 D

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED	19514MF				M TON	HMA SC N50 D FG
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, FINE GRADED REC	19514MFR				M TON	HMA SC N50 D FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, RECYCLED	19514MR				M TON	HMA SC N50 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, D, RECYCLED	19514R				TONS	HMA SC N50 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, E	19515				TONS	HMA SC N50 E
	HOT MIX ASPHALT, SURFACE COURSE, N50, E	19515M				M TON	HMA SC N50 E
	HOT MIX ASPHALT, SURFACE COURSE, N50, E, RECYCLED	19515MR				M TON	HMA SC N50 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, E, RECYCLED	19515R				TONS	HMA SC N50 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, F	19516				TONS	HMA SC N50 F
	HOT MIX ASPHALT, SURFACE COURSE, N50, F	19516M				M TON	HMA SC N50 F
	HOT MIX ASPHALT, SURFACE COURSE, N50, F, RECYCLED	19516MR				M TON	HMA SC N50 F REC
	HOT MIX ASPHALT, SURFACE COURSE, N50, F, RECYCLED	19516R				TONS	HMA SC N50 F REC
D	HOT MIX ASPHALT, BINDER COURSE, N70, 25.0	19521				TONS	HMA BC N70 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N70, 25.0	19521M				M TON	HMA BC N70 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N70, 25.0, RECYCLED	19521MR				M TON	HMA BC N70 25.0R
D	HOT MIX ASPHALT, BINDER COURSE, N70, 25.0, RECYCLED	19521R				TONS	HMA BC N70 25.0R
	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0	19522				TONS	HMA BC N70 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, FINE GRADED	19522F				TONS	HMA BC N70 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, FINE GRADED REC	19522FR				TONS	HMA BC N70 19.0FG R
	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0	19522M				M TON	HMA BC N70 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N50, 19.0, FINE GRADED	19522MF				M TON	HMA BC N70 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, FINE GRADED REC	19522MFR				M TON	HMA BC N70 19.0FG R
	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, RECYCLED	19522MR				M TON	HMA BC N70 19.0R
	HOT MIX ASPHALT, BINDER COURSE, N70, 19.0, RECYCLED	19522R				TONS	HMA BC N70 19.0R

SEQ: MATCODE

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REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	HOT MIX ASPHALT, SURFACE COURSE, N70, C	19523				TONS	HMA SC N70 C
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, FINE GRADED	19523F				TONS	HMA SC N70 C FG
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, FINE GRADED REC	19523FR				TONS	HMA SC N70 C FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, C	19523M				M TON	HMA SC N70 C
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, FINE GRADED	19523MF				M TON	HMA SC N70 C FG
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, FINE GRADED REC	19523MFR				M TON	HMA SC N70 C FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, RECYCLED	19523MR				M TON	HMA SC N70 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, C, RECYCLED	19523R				TONS	HMA SC N70 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, D	19524				TONS	HMA SC N70 D
	HOT MIX ASPHALT, SURFACE COURSE, N70, D, FINE GRADED	19524F				TONS	HMA SC N70 D FG
	HOT MIX ASPHALT, SURFACE COURSE, N70, D, FINE GRADED REC	19524FR				TONS	HMA SC N70 D FG REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, D	19524M				M TON	HMA SC N70 D
	HOT MIX ASPHALT, SURFACE COURSE, N70, D, RECYCLED	19524MR				M TON	HMA SC N70 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, D, RECYCLED	19524R				TONS	HMA SC N70 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, E	19525				TONS	HMA SC N70 E
	HOT MIX ASPHALT, SURFACE COURSE, N70, E	19525M				M TON	HMA SC N70 E
	HOT MIX ASPHALT, SURFACE COURSE, N70, E, RECYCLED	19525MR				M TON	HMA SC N70 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, E, RECYCLED	19525R				TONS	HMA SC N70 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, F	19526				TONS	HMA SC N70 F
	HOT MIX ASPHALT, SURFACE COURSE, N70, F	19526M				M TON	HMA SC N70 F
	HOT MIX ASPHALT, SURFACE COURSE, N70, F, RECYCLED	19526MR				M TON	HMA SC N70 F REC
	HOT MIX ASPHALT, SURFACE COURSE, N70, F, RECYCLED	19526R				TONS	HMA SC N70 F REC
D	HOT MIX ASPHALT, BINDER COURSE, N90, 25.0	19531				TONS	HMA BC N90 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N90, 25.0	19531M				M TON	HMA BC N90 25.0

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	HOT MIX ASPHALT, BINDER COURSE, N90, 25.0, RECYCLED	19531MR				M TON	HMA BC N90 25.0R
D	HOT MIX ASPHALT, BINDER COURSE, N90, 25.0, RECYCLED	19531R				TONS	HMA BC N90 25.0R
	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0	19532				TONS	HMA BC N90 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, FINE GRADED	19532F				TONS	HMA BC N90 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, FINE GRADED, REC	19532FR				TONS	HMA BC N90 19.0FG R
	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0	19532M				M TON	HMA BC N90 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, FINE GRADED	19532MF				M TON	HMA BC N90 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, FINE GRADED, REC	19532MFR				M TON	HMA BC N90 19.0FG R
	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, RECYCLED	19532MR				M TON	HMA BC N90 19.0R
	HOT MIX ASPHALT, BINDER COURSE, N90, 19.0, RECYCLED	19532R				TONS	HMA BC N90 19.0R
	HOT MIX ASPHALT, SURFACE COURSE, N90, C	19533				TONS	HMA SC N90 C
	HOT MIX ASPHALT, SURFACE COURSE, N90, C	19533M				M TON	HMA SC N90 C
	HOT MIX ASPHALT, SURFACE COURSE, N90, C, RECYCLED	19533MR				M TON	HMA SC N90 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, C, RECYCLED	19533R				TONS	HMA SC N90 C REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, D	19534				TONS	HMA SC N90 D
	HOT MIX ASPHALT, SURFACE COURSE, N90, D	19534M				M TON	HMA SC N90 D
	HOT MIX ASPHALT, SURFACE COURSE, N90, D, RECYCLED	19534MR				M TON	HMA SC N90 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, D, RECYCLED	19534R				TONS	HMA SC N90 D REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, E	19535				TONS	HMA SC N90 E
	HOT MIX ASPHALT, SURFACE COURSE, N90, E	19535M				M TON	HMA SC N90 E
	HOT MIX ASPHALT, SURFACE COURSE, N90, E, RECYCLED	19535MR				M TON	HMA SC N90 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, E, RECYCLED	19535R				TONS	HMA SC N90 E REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, F	19536				TONS	HMA SC N90 F
	HOT MIX ASPHALT, SURFACE COURSE, N90, F	19536M				M TON	HMA SC N90 F

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	HOT MIX ASPHALT, SURFACE COURSE, N90, F, RECYCLED	19536MR				M TON	HMA SC N90 F REC
	HOT MIX ASPHALT, SURFACE COURSE, N90, F, RECYCLED	19536R				TONS	HMA SC N90 F REC
D	HOT MIX ASPHALT, BINDER COURSE, N105, 25.0	19541				TONS	HMA BC N105 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N105, 25.0	19541M				M TON	HMA BC N105 25.0
D	HOT MIX ASPHALT, BINDER COURSE, N105, 25.0, RECYCLED	19541MR				M TON	HMA BC N105 25.0R
D	HOT MIX ASPHALT, BINDER COURSE, N105, 25.0, RECYCLED	19541R				TONS	HMA BC N105 25.0R
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0	19542				TONS	HMA BC N105 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, FINE GRADED	19542F				TONS	HMA BC N105 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, FINE GRADED, REC	19542FR				TONS	HMA BC N105 19.0FG R
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0	19542M				M TON	HMA BC N105 19.0
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, FINE GRADED	19542MF				M TON	HMA BC N105 19.0 FG
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, FINE GRADED, REC	19542MFR				M TON	HMA BC N105 19.0FG R
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, RECYCLED	19542MR				M TON	HMA BC N105 19.0R
D	HOT MIX ASPHALT, BINDER COURSE, N105, 19.0, RECYCLED	19542R				TONS	HMA BC N105 19.0R
D	HOT MIX ASPHALT, SURFACE COURSE, N105, C	19543				TONS	HMA SC N105 C
D	HOT MIX ASPHALT, SURFACE COURSE, N105, C	19543M				M TON	HMA SC N105 C
D	HOT MIX ASPHALT, SURFACE COURSE, N105, C, RECYCLED	19543MR				M TON	HMA SC N105 C REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, C, RECYCLED	19543R				TONS	HMA SC N105 C REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, D	19544				TONS	HMA SC N105 D
D	HOT MIX ASPHALT, SURFACE COURSE, N105, D	19544M				M TON	HMA SC N105 D
D	HOT MIX ASPHALT, SURFACE COURSE, N105, D, RECYCLED	19544MR				M TON	HMA SC N105 D REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, D, RECYCLED	19544R				TONS	HMA SC N105 D REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, E	19545				TONS	HMA SC N105 E
D	HOT MIX ASPHALT, SURFACE COURSE, N105, E	19545M				M TON	HMA SC N105 E

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	HOT MIX ASPHALT, SURFACE COURSE, N105, E, RECYCLED	19545MR				M TON	HMA SC N105 E REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, E, RECYCLED	19545R				TONS	HMA SC N105 E REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, F	19546				TONS	HMA SC N105 F
D	HOT MIX ASPHALT, SURFACE COURSE, N105, F	19546M				M TON	HMA SC N105 F
D	HOT MIX ASPHALT, SURFACE COURSE, N105, F, RECYCLED	19546MR				M TON	HMA SC N105 F REC
D	HOT MIX ASPHALT, SURFACE COURSE, N105, F, RECYCLED	19546R				TONS	HMA SC N105 F REC
D	HOT MIX ASPHALT, OTHER, N30	19601	2			TONS	HMA OTHER N30
D	HOT MIX ASPHALT, OTHER, N30	19601M	2			M TON	HMA OTHER N30
D	HOT MIX ASPHALT, OTHER, N30, RECYCLED	19601MR	2			M TON	HMA OTHER N30 RECYCL
D	HOT MIX ASPHALT, OTHER, N30, RECYCLED	19601R	2			TONS	HMA OTHER N30 RECYCL
D	BITUMINOUS BASE COURSE, N50	19602	3			TONS	BIT BASE CS N50
D	BITUMINOUS BASE COURSE, N50	19602M	3			M TON	BIT BASE CS N50
D	BITUMINOUS BASE COURSE, N50, RECYCLED	19602MR	3			M TON	BIT BASE CS N50 REC
D	BITUMINOUS BASE COURSE, N50, RECYCLED	19602R	3			TONS	BIT BASE CS N50 REC
D	HOT MIX ASPHALT, LEVELING BINDER, N30	19603				TONS	HMA LEVEL BINDER N30
D	HOT MIX ASPHALT, LEVELING BINDER, N30	19603M				M TON	HMA LEVEL BINDER N30
D	HOT MIX ASPHALT, LEVELING BINDER, N30, RECYCLED	19603MR				M TON	HMA LB N30 REC
D	HOT MIX ASPHALT, LEVELING BINDER, N30, RECYCLED	19603R				TONS	HMA LB N30 REC
	HOT MIX ASPHALT, LEVELING BINDER, N50	19604				TONS	HMA LEVEL BINDER N50
	HOT MIX ASPHALT, LEVEL BINDER, N50, FINE GRADED	19604F				TONS	HMA LB N50 FG
	HOT MIX ASPHALT, LEVEL BINDER, N50, FINE GRADED, RECYCLED	19604FR				TONS	HMA LB N50 FG REC
	HOT MIX ASPHALT, LEVELING BINDER, N50	19604M				M TON	HMA LEVEL BINDER N50
	HOT MIX ASPHALT, LEVEL BINDER, N50, FINE GRADED	19604MF				M TON	HMA LB N50 FG
	HOT MIX ASPHALT, LEVEL BINDER, N50, FINE GRADED, RECYCLED	19604MFR				M TON	HMA LB N50 FG REC

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	HOT MIX ASPHALT, LEVELING BINDER, N50, RECYCLED	19604MR				M TON	HMA LB N50 REC
	HOT MIX ASPHALT, LEVELING BINDER, N50, RECYCLED	19604R				TONS	HMA LB N50 REC
	HOT MIX ASPHALT, LEVELING BINDER, N70	19605				TONS	HMA LEVEL BINDER N70
	HOT MIX ASPHALT, LEVEL BINDER, N70 FINE GRADED	19605F				TONS	HMA LB N70 FG
	HOT MIX ASPHALT, LEVEL BINDER, N70, FINE GRADED, RECYCLED	19605FR				TONS	HMA LB N70 FG REC
	HOT MIX ASPHALT, LEVELING BINDER, N70	19605M				M TON	HMA LEVEL BINDER N70
	HOT MIX ASPHALT, LEVEL BINDER, N70 FINE GRADED	19605MF				M TON	HMA LB N70 FG
	HOT MIX ASPHALT, LEVEL BINDER, N70, FINE GRADED, RECYCLED	19605MFR				M TON	HMA LB N70 FG REC
	HOT MIX ASPHALT, LEVELING BINDER, N70, RECYCLED	19605MR				M TON	HMA LB N70 REC
	HOT MIX ASPHALT, LEVELING BINDER, N70, RECYCLED	19605R				TONS	HMA LB N70 REC
	HOT MIX ASPHALT, LEVELING BINDER, N90	19606				TONS	HMA LEVEL BINDER N90
	HOT MIX ASPHALT, LEVEL BINDER, N90, FINE GRADED	19606F				TONS	HMA LB N90 FG
	HOT MIX ASPHALT, LEVEL BINDER, N90, FINE GRADED, RECYCLED	19606FR				TONS	HMA LB N90 FG REC
	HOT MIX ASPHALT, LEVELING BINDER, N90	19606M				M TON	HMA LEVEL BINDER N90
	HOT MIX ASPHALT, LEVEL BINDER, N90, FINE GRADED	19606MF				M TON	HMA LB N90 FG
	HOT MIX ASPHALT, LEVEL BINDER, N90, FINE GRADED, RECYCLED	19606MFR				M TON	HMA LB N90 FG REC
	HOT MIX ASPHALT, LEVELING BINDER, N90, RECYCLED	19606MR				M TON	HMA LB N90 REC
	HOT MIX ASPHALT, LEVELING BINDER, N90, RECYCLED	19606R				TONS	HMA LB N90 REC
D	HOT MIX ASPHALT, LEVELING BINDER, N105	19607				TONS	HMA LEVEL BINDERN105
D	HOT MIX ASPHALT, LEVEL BINDER, N105, FINE GRADED	19607F				TONS	HMA LB N105 FG
D	HOT MIX ASPHALT, LEVEL BINDER, N105, FINE GRADED, RECYCLED	19607FR				TONS	HMA LB N105 FG REC
D	HOT MIX ASPHALT, LEVELING BINDER, N105	19607M				M TON	HMA LEVEL BINDERN105
D	HOT MIX ASPHALT, LEVEL BINDER, N105, FINE GRADED	19607MF				M TON	HMA LB N105 FG
D	HOT MIX ASPHALT, LEVEL BINDER, N105, FINE GRADED, RECYCLED	19607MFR				M TON	HMA LB N105 FG REC

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	HOT MIX ASPHALT, LEVELING BINDER, N105, RECYCLED	19607MR				M TON	HMA LB N105 REC
D	HOT MIX ASPHALT, LEVELING BINDER, N105, RECYCLED	19607R				TONS	HMA LB N105 REC
	STONE MATRIX ASPHALT, BINDER, N50 12.5	19650				TONS	SMA BC N50 12.5
	STONE MATRIX ASPHALT, BINDER, N50 12.5, RECYCLED	19650R				TONS	SMA BC N50 12.5 REC
	STONE MATRIX ASPHALT, SURFACE, N50, 12.5, C	19651				TONS	SMA SC N50 12.5 C
	STONE MATRIX ASPHALT, SURFACE, N50, 12.5, C, RECYCLED	19651R				TONS	SMA SC N50 12.5 C R
	STONE MATRIX ASPHALT, SURFACE, N50, 12.5, D	19652				TONS	SMA SC N50 12.5 D
	STONE MATRIX ASPHALT, SURFACE, N50, 12.5, D, RECYCLED	19652R				TONS	SMA SC N50 12.5 D R
	STONE MATRIX ASPHALT, BINDER, N80, 12.5	19653				TONS	SMA BC N80 12.5
	STONE MATRIX ASPHALT, BINDER, N80, 12.5, RECYCLED	19653R				TONS	SMA BC N80 12.5 REC
	STONE MATRIX ASPHALT, SURFACE, N80, 12.5, E	19654				TONS	SMA SC N80 12.5 E
	STONE MATRIX ASPHALT, SURFACE, N80, 12.5, E, RECYCLED	19654R				TONS	SMA SC N80 12.5 E R
	STONE MATRIX ASPHALT, SURFACE, N80, 12.5, F	19655				TONS	SMA SC N80 12.5 F
	STONE MATRIX ASPHALT, SURFACE, N80, 12.5, F, RECYCLED	19655R				TONS	SMA SC N80 12.5 F R
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E	19664				TONS	SMA SC N80 9.5 E
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E	19664M				M TON	SMA SC N80 9.5 E
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E, RECYCLED	19664MR				M TON	SMA SC N80 9.5 E R
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, E, RECYCLED	19664R				TONS	SMA SC N80 9.5 E R
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F	19665				TONS	SMA SC N80 9.5 F
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F	19665M				M TON	SMA SC N80 9.5 F
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F, RECYCLED	19665MR				M TON	SMA SC N80 9.5 F R
	STONE MATRIX ASPHALT, SURFACE, N80, 9.5, F, RECYCLED	19665R				TONS	SMA SC N80 9.5 F R
	BITUMINOUS MIXTURE, SLURRY SEAL	19901				SQYD	BIT MIX SLURRY SEAL
	BITUMINOUS MIXTURE, SLURRY SEAL	19901M				SQ M	BIT MIX SLURRY SEAL

SEQ: MATCODE

MATERIAL GROUP: 175 BITUMINOUS MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BITUMINOUS MIXTURE, MICRO-SURFACING, C	19921	72			SQYD	BIT MIX MICRO SURF C
	BITUMINOUS MIXTURE, MICRO-SURFACING, C	19921M	72			SQ M	BIT MIX MICRO SURF C
	BITUMINOUS MIXTURE, MICRO-SURFACING, D	19922	72			SQYD	BIT MIX MICRO SURF D
	BITUMINOUS MIXTURE, MICRO-SURFACING, D	19922M	72			SQ M	BIT MIX MICRO SURF D

SEQ: MATCODE

MATERIAL GROUP: 200 CASTINGS - IRON & STEEL FRAMES, GRATES - LIDS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FRAME, TYPE 1	20101	9			EA	FRAME TY1
	FRAME, TYPE 1	20101M	9			EA	FRAME TY1
	FRAME, TYPE 3	20102	9			EA	FRAME TY3
	FRAME, TYPE 3	20102M	9			EA	FRAME TY3
D	FRAME, TYPE 4	20103	9			EA	FRAME TY4
D	FRAME, TYPE 4	20103M	9			EA	FRAME TY4
D	FRAME, TYPE 5	20104	9			EA	FRAME TY5
D	FRAME, TYPE 5	20104M	9			EA	FRAME TY5
D	FRAME, TYPE 6	20105	9			EA	FRAME TY6
D	FRAME, TYPE 6	20105M	9			EA	FRAME TY6
D	FRAME, TYPE 9	20106	9			EA	FRAME TY9
D	FRAME, TYPE 9	20106M	9			EA	FRAME TY9
D	FRAME, TYPE 10	20107	9			EA	FRAME TY 10
D	FRAME, TYPE 10	20107M	9			EA	FRAME TY 10
D	FRAME, TYPE 11	20108	9			EA	FRAME TY11
D	FRAME, TYPE 11	20108M	9			EA	FRAME TY11
D	FRAME, TYPE 12	20109	9			EA	FRAME TY12
D	FRAME, TYPE 12	20109M	9			EA	FRAME TY12
D	FRAME, TYPE 15	20110	9			EA	FRAME TY15
D	FRAME, TYPE 15	20110M	9			EA	FRAME TY15
D	FRAME, TYPE M-9	20111	9			EA	FRAME TYM9
D	FRAME, TYPE M-9	20111M	9			EA	FRAME TYM9
D	FRAME, TYPE B-18	20112	9			EA	FRAME TYB18
D	FRAME, TYPE B-18	20112M	9			EA	FRAME TYB18

SEQ: MATCODE

MATERIAL GROUP: 200 CASTINGS - IRON & STEEL FRAMES, GRATES - LIDS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	FRAME, TYPE B-24	20113	9			EA	FRAME TYB24
D	FRAME, TYPE B-24	20113M	9			EA	FRAME TYB24
D	FRAME, TYPE 29	20114	9			EA	FRAME TY29
D	FRAME, TYPE 29	20114M	9			EA	FRAME TY29
D	FRAME, TYPE 31	20115	9			EA	FRAME TY31
D	FRAME, TYPE 31	20115M	9			EA	FRAME TY31
D	FRAME, TYPE 32	20116	9			EA	FRAME TY32
D	FRAME, TYPE 32	20116M	9			EA	FRAME TY32
D	FRAME, TYPE 34	20117	9			EA	FRAME TY34
D	FRAME, TYPE 34	20117M	9			EA	FRAME TY34
	FRAME, TYPE 20	20118	9			EA	FRAME TY20
	FRAME, TYPE 20	20118M	9			EA	FRAME TY20
D	FRAME, TYPE 21	20119	9			EA	FRAME TY21
D	FRAME, TYPE 21	20119M	9			EA	FRAME TY21
D	FRAME, TYPE 22	20120	9			EA	FRAME TY22
D	FRAME, TYPE 22	20120M	9			EA	FRAME TY22
D	FRAME, TYPE 23	20121	9			EA	FRAME TY23
	FRAME, TYPE 24	20122	9			EA	FRAME TY24
	FRAME, SPECIAL	20189	9	43	95	EA	FRAME SPEC
	FRAME, SPECIAL	20189M	9	43	95	EA	FRAME SPEC
	FRAME, CAST IRON	20199	9	6	95	EA	FRAME
	FRAME, CAST IRON	20199M	9	6	95	EA	FRAME
	GRATE, TYPE 3	20201	9			EA	GRATE TY3
	GRATE, TYPE 3	20201M	9			EA	GRATE TY3

SEQ: MATCODE

MATERIAL GROUP: 200 CASTINGS - IRON & STEEL FRAMES, GRATES - LIDS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRATE, TYPE 4	20202	9			EA	GRATE TY4
D	GRATE, TYPE 4	20202M	9			EA	GRATE TY4
D	GRATE, TYPE 6	20203	9			EA	GRATE TY6
D	GRATE, TYPE 6	20203M	9			EA	GRATE TY6
	GRATE, TYPE 7	20204	9			EA	GRATE TY7
	GRATE, TYPE 7	20204M	9			EA	GRATE TY7
	GRATE, TYPE 8	20205	9			EA	GRATE TY8
	GRATE, TYPE 8	20205M	9			EA	GRATE TY8
	GRATE, TYPE 9	20206	9			EA	GRATE TY9
	GRATE, TYPE 9	20206M	9			EA	GRATE TY9
	GRATE, TYPE 10	20207	9			EA	GRATE TY10
	GRATE, TYPE 10	20207M	9			EA	GRATE TY10
	GRATE, TYPE 11	20208	9			EA	GRATE TY11
	GRATE, TYPE 11	20208M	9			EA	GRATE TY11
D	GRATE, TYPE 12	20209	9			EA	GRATE TY12
D	GRATE, TYPE 12	20209M	9			EA	GRATE TY12
D	GRATE, TYPE B-18	20210	9			EA	GRATE TYB18
D	GRATE, TYPE B-18	20210M	9			EA	GRATE TYB18
D	GRATE, TYPE B-24	20211	9			EA	GRATE TYB24
D	GRATE, TYPE B-24	20211M	9			EA	GRATE TYB24
D	GRATE, TYPE 29	20212	9			EA	GRATE TY29
D	GRATE, TYPE 29	20212M	9			EA	GRATE TY29
D	GRATE, TYPE 31	20213	9			EA	GRATE TY31
D	GRATE, TYPE 31	20213M	9			EA	GRATE TY31

SEQ: MATCODE

MATERIAL GROUP: 200 CASTINGS - IRON & STEEL FRAMES, GRATES - LIDS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	GRATE, TYPE 32	20214	9			EA	GRATE TY32
D	GRATE, TYPE 32	20214M	9			EA	GRATE TY32
D	GRATE, TYPE 34	20215	9			EA	GRATE TY34
D	GRATE, TYPE 34	20215M	9			EA	GRATE TY34
D	GRATE, TYPE 37	20216	9			EA	GRATE TY37
D	GRATE, TYPE 37	20216M	9			EA	GRATE TY37
D	GRATE, TYPE 37M	20217	9			EA	GRATE TY37M
D	GRATE, TYPE 37M	20217M	9			EA	GRATE TY37M
	GRATE, TYPE A	20218	9	6		EA	GRATE TYA
	GRATE, TYPE A	20218M	9	6		EA	GRATE TYA
	GRATE, TYPE B	20219	9	6		EA	GRATE TYB
	GRATE, TYPE B	20219M	9	6		EA	GRATE TYB
D	GRATE, TYPE 3B	20220	9	6		EA	GRATE TY3B
D	GRATE, TYPE 3B	20220M	9	6		EA	GRATE TY3B
D	GRATE, TYPE 2A	20221	9			EA	GRATE TY2A
D	GRATE, TYPE 2A	20221M	9			EA	GRATE TY2A
D	GRATE, TYPE 2B	20223	9			EA	GRATE TY2B
D	GRATE, TYPE 2B	20223M	9			EA	GRATE TY2B
	GRATE, TYPE 20	20224	9			EA	GRATE TY20
	GRATE, TYPE 20	20224M	9			EA	GRATE TY20
D	GRATE, TYPE 21	20225	9			EA	GRATE TY21
D	GRATE, TYPE 21	20225M	9			EA	GRATE TY21
D	GRATE, TYPE 22	20226	9			EA	GRATE TY22
D	GRATE, TYPE 22	20226M	9			EA	GRATE TY22

SEQ: MATCODE

MATERIAL GROUP: 200 CASTINGS - IRON & STEEL FRAMES, GRATES - LIDS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GRATE, TYPE 3V	20227	9			EA	GRATE TY3V
	GRATE, TYPE 3V	20227M	9			EA	GRATE TY3V
D	GRATE, TYPE 11V	20228	9			EA	GRATE TY11V
	GRATE, TYPE 23	20229	9			EA	GRATE TY23
	GRATE, TYPE 24	20230	9			EA	GRATE TY24
	GRATE, SPECIAL	20289	9	43	95	EA	GRATE SPEC
	GRATE, SPECIAL	20289M	9	43	95	EA	GRATE SPEC
	GRATE	20299	9	6	95	EA	GRATE
	GRATE	20299M	9	6	95	EA	GRATE
	LID, TYPE 1 OPEN LID	20301	9			EA	LID TY1 OLID
	LID, TYPE 1 OPEN LID	20301M	9			EA	LID TY1 OLID
	LID, TYPE 1 CLOSED LID	20302	9			EA	LID TY1 CLID
	LID, TYPE 1 CLOSED LID	20302M	9			EA	LID TY1 CLID
D	LID, TYPE 5 OPEN LID	20303	9			EA	LID TY5 OLID
D	LID, TYPE 5 OPEN LID	20303M	9			EA	LID TY5 OLID
	LID, TYPE 5 CLOSED LID	20304	9			EA	LID TY5 CLID
	LID, TYPE 5 CLOSED LID	20304M	9			EA	LID TY5 CLID
D	LID, TYPE 15	20305	9			EA	LID TY15
D	LID, TYPE 15	20305M	9			EA	LID TY15
	LID, SPECIAL	20389	9	43	95	EA	LID SPEC
	LID, SPECIAL	20389M	9	43	95	EA	LID SPEC
	FRAME & GRATE, TYPE 3	20401	9			EA	FR & GRAT TY3
	FRAME & GRATE, TYPE 3	20401M	9			EA	FR & GRAT TY3
	FRAME & GRATE, TYPE 4	20402	9			EA	FR & GRAT TY4

SEQ: MATCODE

MATERIAL GROUP: 200 CASTINGS - IRON & STEEL FRAMES, GRATES - LIDS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FRAME & GRATE, TYPE 4	20402M	9			EA	FR & GRAT TY4
	FRAME & GRATE, TYPE 6	20403	9			EA	FR & GRAT TY6
	FRAME & GRATE, TYPE 6	20403M	9			EA	FR & GRAT TY6
	FRAME & GRATE, TYPE 9	20404	9			EA	FR & GRAT TY9
	FRAME & GRATE, TYPE 9	20404M	9			EA	FR & GRAT TY9
	FRAME & GRATE, TYPE 10	20405	9			EA	FR & GRAT TY10
	FRAME & GRATE, TYPE 10	20405M	9			EA	FR & GRAT TY10
	FRAME & GRATE, TYPE 11	20406	9			EA	FR & GRAT TY11
	FRAME & GRATE, TYPE 11	20406M	9			EA	FR & GRAT TY11
	FRAME & GRATE, TYPE 12	20407	9			EA	FR & GRAT TY12
	FRAME & GRATE, TYPE 12	20407M	9			EA	FR & GRAT TY12
D	FRAME & GRATE, TYPE 29	20408	9			EA	FR & GRAT TY29
D	FRAME & GRATE, TYPE 29	20408M	9			EA	FR & GRAT TY29
D	FRAME & GRATE, TYPE 31	20409	9			EA	FR & GRAT TY31
D	FRAME & GRATE, TYPE 31	20409M	9			EA	FR & GRAT TY31
D	FRAME & GRATE, TYPE 32	20410	9			EA	FR & GRAT TY32
D	FRAME & GRATE, TYPE 32	20410M	9			EA	FR & GRAT TY32
D	FRAME & GRATE, TYPE 34	20411	9			EA	FR & GRAT TY34
D	FRAME & GRATE, TYPE 34	20411M	9			EA	FR & GRAT TY34
D	FRAME & GRATE, TYPE B-18	20412	9			EA	FR & GRAT TYB18
D	FRAME & GRATE, TYPE B-18	20412M	9			EA	FR & GRAT TYB18
D	FRAME & GRATE, TYPE B-24	20413	9			EA	FR & GRAT TYB24
D	FRAME & GRATE, TYPE B-24	20413M	9			EA	FR & GRAT TYB24
	FRAME & GRATE, TYPE 20	20414	9			EA	FR & GRAT TY20

SEQ: MATCODE

MATERIAL GROUP: 200 CASTINGS - IRON & STEEL FRAMES, GRATES - LIDS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FRAME & GRATE, TYPE 20	20414M	9			EA	FR & GRAT TY20
	FRAME & GRATE, TYPE 21	20415	9			EA	FR & GRAT TY21
	FRAME & GRATE, TYPE 21	20415M	9			EA	FR & GRAT TY21
	FRAME & GRATE, TYPE 22	20416	9			EA	FR & GRAT TY22
	FRAME & GRATE, TYPE 22	20416M	9			EA	FR & GRAT TY22
	FRAME & GRATE, TYPE 23	20417	9			EA	FR & GRAT TY23
	FRAME & GRATE, TYPE 23	20417M	9			EA	FR & GRAT TY23
	FRAME & GRATE, TYPE 24	20418	9			EA	FR & GRAT TY24
	FRAME & GRATE, TYPE 24	20418M	9			EA	FR & GRAT TY24
	FRAME & GRATE, TYPE 3V	20419	9			EA	FR & GRAT TY3V
	FRAME & GRATE, TYPE 11V	20420	9			EA	FR & GRAT TY11V
	FRAME & GRATE, TYPE IIV	20420M	9			EA	FR & GRAT TY11V
	FRAME & GRATE, SPECIAL	20489	9	43	95	EA	FR & GRAT SPEC
	FRAME & GRATE, SPECIAL	20489M	9	43	95	EA	FR & GRAT SPEC
	FRAME & GRATE	20499	9	6	95	EA	FR & GRAT
	FRAME & GRATE	20499M	9	6	95	EA	FR & GRAT
	CASTING, GRAY IRON (TEST SAMPLE)	20501				EA	CASTING, GRAYFE TEST
	CASTING, GRAY IRON (TEST SAMPLE)	20501M				EA	CASTING, GRAYFE TEST
	FRAME & LID, TYPE 1 OPEN LID	20601	9			EA	FR & LID TY1 OLID
	FRAME & LID, TYPE 1 OPEN LID	20601M	9			EA	FR & LID TY1 OLID
	FRAME & LID, TYPE 1 CLOSED LID	20602	9			EA	FR & LID TY1 CLID
	FRAME & LID, TYPE 1 CLOSED LID	20602M	9			EA	FR & LID TY1 CLID
	FRAME & LID, TYPE 5 OPEN LID	20603	9			EA	FR & LID TY5 OLID
	FRAME & LID, TYPE 5 OPEN LID	20603M	9			EA	FR & LID TY5 OLID

SEQ: MATCODE

MATERIAL GROUP: 200 CASTINGS - IRON & STEEL FRAMES, GRATES - LIDS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FRAME & LID, TYPE 5 CLOSED LID	20604	9			EA	FR & LID TY5 CLID
	FRAME & LID, TYPE 5 CLOSED LID	20604M	9			EA	FR & LID TY5 CLID
	FRAME & LID, TYPE 15	20605	9			EA	FR & LID TY15
	FRAME & LID, TYPE 15	20605M	9			EA	FR & LID TY15
D	FRAME & LID, METER	20606	9			EA	FR & LID METER
D	FRAME & LID, METER	20606M	9			EA	FR & LID METER
	FRAME & LID, SPECIAL	20689	9	43	95	EA	FR & LID SPEC
	FRAME & LID, SPECIAL	20689M	9	43	95	EA	FR & LID SPEC
	GRATING, CAST IRON	20701	9	6	95	SQFT	GRATING CAST IR
	GRATING, CAST IRON	20701M	9	6	95	SQ M	GRATING CAST IR
D	GRATING, ALUMINUM (CREATED IN ERROR - NOW 78507)	20702	9	6	12X13	SQFT	GRATING AL 78507
D	GRATING, ALUMINUM (CREATED IN ERROR - NOW 78507)	20702M	9	6	12X13	SQ M	GRATING AL 78507
	GRATE & COVER, TYPE 2A	20801	9	6		EA	GRATE & COVER TY2A
	GRATE & COVER, TYPE 2A	20801M	9	6		EA	GRATE & COVER TY2A
D	GRATE & COVER, TYPE 2B	20802	9	6		EA	GRATE & COVER TY2B
D	GRATE & COVER, TYPE 2B	20802M	9	6		EA	GRATE & COVER TY2B
D	COVER, TYPE 2A	20803	9			EA	COVER T2A
D	COVER, TYPE 2A	20803M	9			EA	COVER T2A
D	COVER, TYPE 2B	20804	9			EA	COVER T2B
D	COVER, TYPE 2B	20804M	9			EA	COVER T2B
D	BASE, FRAME, & LID, TYPE 5	20901	9			EA	BASE FR & LID TY5
D	BASE, FRAME, & LID, TYPE 5	20901M	9			EA	BASE FR & LID TY5
D	FRAME, GRATE, & BOX, TYPE 32M	20902	9			EA	FR GRAT & BOX TY32M
D	FRAME, GRATE, & BOX, TYPE 32M	20902M	9			EA	FR GRAT & BOX TY32M

SEQ: MATCODE

MATERIAL GROUP: 200 CASTINGS - IRON & STEEL FRAMES, GRATES - LIDS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CURB BOX, SPECIAL	20989	9	43		EA	CURB BOX SPECIAL
	CURB BOX, SPECIAL	20989M	9	43		EA	CURB BOX SPECIAL
	STEP, MANHOLE, CAST IRON	21001	9			EA	STEPS MANHOLE CASTIR
	STEP, MANHOLE, CAST IRON	21001M	9			EA	STEPS MANHOLE CASTIR
	JUNCTION BOX, CAST IRON	21002	9	80		EA	JUNCTION BOX CAST IR
	JUNCTION BOX, CAST IRON	21002M	9	80		EA	JUNCTION BOX CAST IR
	SCUPPERS, DRAINAGE, CAST IRON	21003				EA	SCUPPER DRAIN CASTIR
	SCUPPERS, DRAINAGE, CAST IRON	21003M				EA	SCUPPER DRAIN CASTIR
	RING, ADJUSTING, CAST IRON	21004				EA	RING ADJUSTING IRON
	RING, ADJUSTING, CAST IRON	21004M				EA	RING ADJUSTING IRON
D	RING, ADJUSTING, CAST IRON, INTERLOCKING SECTIONS	21005				EA	RING ADJ IRON SECT
D	RING, ADJUSTING, CAST IRON, INTERLOCKING SECTIONS	21005M				EA	RING ADJ IRON SECT
	HANDHOLE, FRAME & LID, REGULAR DUTY	21010	9			EA	HANDHOLE F&L REGULAR
	HANDHOLE, FRAME & LID, REGULAR DUTY	21010M	9			EA	HANDHOLE F&L REGULAR
	HANDHOLE, FRAME & LID, HEAVY DUTY	21011	9			EA	HANDHOLE F&L HEAVY
	HANDHOLE, FRAME & LID, HEAVY DUTY	21011M	9			EA	HANDHOLE F&L HEAVY
	HANDHOLE, FRAME & LID, SPECIAL	21012	9			EA	HANDHOLE F&L SPECIAL
	HANDHOLE, FRAME & LID, SPECIAL	21012M	9			EA	HANDHOLE F&L SPECIAL
D	MONUMENT BOX ADJUSTABLE	21013				EA	MONUMENT BOX ADJS
D	MONUMENT BOX ADJUSTABLE	21013M				EA	MONUMENT BOX ADJS
	TRAP, CATCH BASIN, CAST IRON	21014	14	43		EA	TRAP CATCHBASIN CSIR
	TRAP, CATCH BASIN, CAST IRON	21014M	14	43		EA	TRAP CATCHBASIN CSIR
	MOORING EYES, CAST IRON	21015				EA	MOORING EYES CAST IR
	MOORING EYES, CAST IRON	21015M				EA	MOORING EYES CAST IR

SEQ: MATCODE

MATERIAL GROUP: 200 CASTINGS - IRON & STEEL FRAMES, GRATES - LIDS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	JUNCTION BOX LID, CAST IRON	21016	9	12X13		EA	JUNCBX LID CAST IRON
D	JUNCTION BOX LID, CAST IRON	21016M	9	12X13		EA	JUNCBX LID CAST IRON

SEQ: MATCODE

MATERIAL GROUP: 215 CONCRETE MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CONCRETE, PORTLAND CEMENT	21601	10			CUYD	CONCRETE PC
	CONCRETE, PORTLAND CEMENT	21601M	10			CU M	CONCRETE PC
	GROUT, PORTLAND CEMENT-SAND	21602				CUYD	GROUT PC-SAND
	GROUT, PORTLAND CEMENT-SAND	21602M				CU M	GROUT PC-SAND
	MORTAR, PORTLAND CEMENT FAIRING	21603				LINFT	MORTAR PC FAIRING
	MORTAR, PORTLAND CEMENT FAIRING	21603M				METER	MORTAR PC FAIRING
	GROUT, NONSHRINK	21604				CUYD	GROUT NONSHRINK
	GROUT, NONSHRINK	21604M				CU M	GROUT NONSHRINK
	CONCRETE, PORTLAND CEMENT, FLYASH	21605	10			CUYD	CONCRETE PC FLYASH
	CONCRETE, PORTLAND CEMENT, FLYASH	21605M	10			CU M	CONCRETE PC FLYASH
	CONCRETE, PORTLAND CEMENT, LATEX	21606	10			CUYD	CONCRETE PC LATEX
	CONCRETE, PORTLAND CEMENT, LATEX	21606M	10			CU M	CONCRETE PC LATEX
	GROUT, SUB SEALING	21607				CUYD	GROUT SUB SEAL
	GROUT, SUB SEALING	21607M				CU M	GROUT SUB SEAL
	GROUT, EXPANDING	21608				CUYD	GROUT EXPANDING
	GROUT, EXPANDING	21608M				CU M	GROUT EXPANDING
	CONCRETE, PORTLAND CEMENT, MICROSILICA	21609	10			CUYD	CONC PC MICROSILICA
	CONCRETE, PORTLAND CEMENT, MICROSILICA	21609M	10			CU M	CONC PC MICROSILICA
D	CONCRETE, PORTLAND CEMENT, SHRINKAGE-COMPENSATING	21610	10			CUYD	CONC PC SHRINK-COMP
D	CONCRETE, PORTLAND CEMENT, SHRINKAGE-COMPENSATING	21610M	10			CU M	CONC PC SHRINK-COMP
	CONCRETE, PORTLAND CEMENT, GROUND GRANULATED BLAST FURN SLAG	21611	10			CUYD	CONCRETE PC GGBF
	CONCRETE, PORTLAND CEMENT, GROUND GRANULATED BLAST FURN SLAG	21611M	10			CU M	CONCRETE PC GGBF
D	CONCRETE, PORTLAND CEMENT, METAKAOLIN	21612M	10			SQ M	CONC PC METAKAOLIN
	CONCRETE, PORTLAND CEMENT, METAKAOLIN	21613	10			CUYD	CONC PC METAKAOLIN

SEQ: MATCODE

MATERIAL GROUP: 215 CONCRETE MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CONCRETE, PORTLAND CEMENT, METAKAOLIN	21613M	10			CU M	CONC PC METAKAOLIN
	CONCRETE, PORTLAND CEMENT, FLYASH, METAKAOLIN	21614	10			CUYD	CONC PC FASH META
	CONCRETE, PORTLAND CEMENT, FLYASH, METAKAOLIN	21614M	10			CU M	CONC PC FASH META
	GROUT, SOIL IMPROVEMENT COLUMNS	21615				CUYD	GROUT SOIL IMP COLUM
	GROUT, SOIL IMPROVEMENT COLUMNS	21615M				CU M	GROUT SOIL IMP COLUM
	GROUT, FABRIC, FORMED CONCRETE REVETMENT MATS	21620				CUYD	GROUT REVETMENT
	GROUT, FABRIC, FORMED CONCRETE REVETMENT MATS	21620M				CU M	GROUT REVETMENT
	GROUT, CONTROLLED LOW-STRENGTH MATERIAL	21621				CUYD	GROUT CLSM
	GROUT, CONTROLLED LOW-STRENGTH MATERIAL	21621M				CU M	GROUT CLSM
	CONCRETE, PORTLAND CEMENT, FLYASH, MICROSILICA	21622	10			CUYD	CONC PC FASH MSIL
	CONCRETE, PORTLAND CEMENT, FLYASH, MICROSILICA	21622M	10			CU M	CONC PC FASH MSIL
	CONCRETE, POLYMER	21623	10			CUYD	CONCRETE POLYMER
	CONCRETE, POLYMER	21623M	10			CU M	CONCRETE POLYMER
	SHOTCRETE, HIGH PERFORMANCE	21624				SQFT	SHOTCRETE HIGH PERF
	SHOTCRETE, HIGH PERFORMANCE	21624M				SQ M	SHOTCRETE HIGH PERF
	MORTAR, PORTLAND CEMENT, POLYMER MODIFIED	21625				SQFT	MORTAR PC POLY MOD
	MORTAR, PORTLAND CEMENT, POLYMER MODIFIED	21625M				SQ M	MORTAR PC POLY MOD
	OVERLAY, THIN POLYMER	21626				SQYD	OVERLAY THIN POLY
	OVERLAY, THIN POLYMER	21626M				SQ M	OVERLAY THIN POLY
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, MICROSILICA	21627	10			CUYD	CONC PC GGBF MSIL
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, MICROSILICA	21627M	10			CU M	CONC PC GGBF MSIL
	CONCRETE, PORTLAND CEMENT, FLYASH, GGBF SLAG, MICROSILICA	21628	10			CUYD	CONC PC FA GGBF MSIL
	CONCRETE, PORTLAND CEMENT, FLYASH, GGBF SLAG, MICROSILICA	21628M	10			CU M	CONC PC FA GGBF MSIL
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, METAKAOLIN	21629	10			CUYD	CONC PC GGBF META

SEQ: MATCODE

MATERIAL GROUP: 215 CONCRETE MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, METAKAOLIN	21629M	10			CU M	CONC PC GGBF META
	GROUT, SOIL NAIL WALL	21630				CUYD	GROUT SOIL NAIL
	GROUT, SOIL NAIL WALL	21630M				CUYD	GROUT SOIL NAIL
D	SHOTCRETE, TEMPORARY SOIL NAIL WALL FACING	21631				SQFT	SHOTCRETE TEMP SL NL
D	SHOTCRETE, TEMPORARY SOIL NAIL WALL FACING	21631M				SQ M	SHOTCRETE TEMP SL NL
	CONCRETE, PORTLAND BLAST-FURNACE SLAG CEMENT, FLY ASH	21632	10			CUYD	CONC PBFSC FLYASH
	CONCRETE, PORTLAND BLAST-FURNACE SLAG CEMENT, FLY ASH	21632M	10			CU M	CONC PBFSC FLYASH
	GROUT, INSERTION LINING, PIPE CULVERTS	21633				CUYD	GROUT INSERT LINE
	GROUT, INSERTION LINING, PIPE CULVERTS	21633M				CU M	GROUT INSERT LINE
	CONCRETE, PORTLAND CEMENT, PERVIOUS	21634	10			CUYD	CONC PC PERV
	CONCRETE, PORTLAND CEMENT, PERVIOUS	21634M	10			CU M	CONC PC PERV
	CONCRETE, PORTLAND CEMENT, FLY ASH, PERVIOUS	21635	10			CUYD	CONC PC FLY ASH PERV
	CONCRETE, PORTLAND CEMENT, FLY ASH, PERVIOUS	21635M	10			CU M	CONC PC FLY ASH PERV
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, PERVIOUS	21636	10			CUYD	CONC PC GGBF PERV
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, PERVIOUS	21636M	10			CU M	CONC PC GGBF PERV
	CONCRETE, PORTLAND CEMENT, TYPE K	21637				CUYD	CONC PC TYPE K
	CONCRETE, PORTLAND CEMENT, TYPE K	21637M				CU M	CONC PC TYPE K
	CONCRETE, PORTLAND CEMENT, FLYASH, TYPE K	21638				CUYD	CONC PC FA TYPE K
	CONCRETE, PORTLAND CEMENT, FLYASH, TYPE K	21638M				CU M	CONC PC FA TYPE K
	SURFACE TREATMENT, HIGH-FRICTION	21639	76	77		SQYD	SURF TREAT HIGH FRIC
	SURFACE TREATMENT, HIGH-FRICTION	21639M	76	77		SQ M	SURF TREAT HIGH FRIC
	CONCRETE, PORTLAND CEMENT, ROLLER COMPACTED	21640	10			CUYD	CONC PC RCC
	CONCRETE, PORTLAND CEMENT, ROLLER COMPACTED	21640M	10			SQ M	CONC PC RCC
	CONCRETE, PORTLAND CEMENT, FLYASH, ROLLER COMPACTED	21641	10			CUYD	CONC PC FLYASH RCC

SEQ: MATCODE

MATERIAL GROUP: 215 CONCRETE MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CONCRETE, PORTLAND CEMENT, FLYASH, ROLLER COMPACTED	21641M	10			SQ M	CONC PC FLYASH RCC
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, ROLLER COMPACTED	21642	10			CUYD	CONC PC GGBF RCC
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, ROLLER COMPACTED	21642M	10			SQ M	CONC PC GGBF RCC
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, FLY ASH	21643	10			CUYD	CONC PC GGBF FLYASH
	CONCRETE, PORTLAND CEMENT, GGBF SLAG, FLY ASH	21643M	10			CU M	CONC PC GGBF FLYASH
	DUST, PC CONCRETE CORES	21701				EA	DUST PC CONC CORES
	CAM 2, ECONOCRETE	21801				CUYD	CAM 2 ECONOCRETE
	CAM 2, ECONOCRETE	21801M				CU M	CAM 2 ECONOCRETE
	CONCRETE, CELLULAR	21802				CUYD	CONCRETE CELLULAR
	CONCRETE, CELLULAR	21802M				CU M	CONCRETE CELLULAR
	CAM 2, FLYASH	21803				CUYD	CAM 2 FLYASH
	CAM 2, FLYASH	21803M				CU M	CAM 2 FLYASH
D	CEMENT STABILIZED SUBBASE DRAINAGE LAYER (MIX)	21804				CUYD	CSSB DRAIN LYR MIX
D	CEMENT STABILIZED SUBBASE DRAINAGE LAYER (MIX)	21804M				CU M	CSSB DRAIN LYR MIX
	PACKAGED PATCHING MORTAR MATERIALS, R1	22100				CWT	P P MORTAR MATL R1
	PACKAGED PATCHING MORTAR MATERIALS, R1	22100M				KG	P P MORTAR MATL R1
	PACKAGED PATCHING MORTAR MATERIALS, R2	22101				CWT	P P MORTAR MATL R2
	PACKAGED PATCHING MORTAR MATERIALS, R2	22101M				KG	P P MORTAR MATL R2
	PATCHING MIXTURE, CONCRETE, R1	22102				CUYD	PATCH MIX CONC R1
	PATCHING MIXTURE, CONCRETE, R1	22102M				CU M	PATCH MIX CONC R1
	PACKAGED PATCHING MORTAR MATERIALS, R3	22103				CWT	P P MORTAR MATL R3
	PACKAGED PATCHING MORTAR MATERIALS, R3	22103M				KG	P P MORTAR MATL R3
	PATCHING MIXTURE, CONCRETE, R2	22104				CUYD	PATCH MIX CONC R2
	PATCHING MIXTURE, CONCRETE, R2	22104M				CU M	PATCH MIX CONC R2

SEQ: MATCODE

MATERIAL GROUP: 215 CONCRETE MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PATCHING MIXTURE, CONCRETE, R3	22105				CUYD	PATCH MIX CONC R3
	PATCHING MIXTURE, CONCRETE, R3	22105M				CU M	PATCH MIX CONC R3
	PATCHING MIXTURE, RAPID HARDENING CEMENT	22106				CUYD	PATCH MIX R-H CEMENT
	PATCHING MIXTURE, RAPID HARDENING CEMENT	22106M				CU M	PATCH MIX R-H CEMENT
	PATCHING MIXTURE, CALCIUM ALUMINATE CEMENT	22107				CUYD	PATCH MIX CA ALUM
	PATCHING MIXTURE, CALCIUM ALUMINATE CEMENT	22107M				CU M	PATCH MIX CA ALUM
	PACKAGED FORMED CONCRETE REPAIR MIXTURE, DRY	22108				CWT	P FORM CONC REPR MIX
	PACKAGED FORMED CONCRETE REPAIR MIXTURE, DRY	22108M				KG	P FORM CONC REPR MIX
	PACKAGED MORTAR, DRY	22109				CWT	PACKAGED MORTAR DRY
	PACKAGED MORTAR, DRY	22109M				KG	PACKAGED MORTAR DRY
D	PACKAGED PATCHING MATERIALS, VERY RAPID HARD	22200				CWT	PATCH MATLS VR-H

SEQ: MATCODE

MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BLOCKS, SOLID SEGMENTAL BARREL	25101	14	85		EA	BLOCKS SO SEG BRL
	BLOCKS, SOLID SEGMENTAL BARREL	25101M	14	85		EA	BLOCKS SO SEG BRL
D	BLOCKS, SOLID SEGMENTAL CONE	25102	59			EA	BLOCKS SO SEG CN
D	BLOCKS, SOLID SEGMENTAL CONE	25102M	59			EA	BLOCKS SO SEG CN
D	BLOCKS, SOLID SEGMENTAL INLET	25103	14 OR	12X13X11		EA	BLOCKS SO SEG IN
D	BLOCKS, SOLID SEGMENTAL INLET	25103M	14 OR	12X13X11		EA	BLOCKS SO SEG IN
	BLOCKS, SOLID MASONRY BUILDING	25104	11	12	13	EA	BLOCKS SLD MSNRY BLD
	BLOCKS, SOLID MASONRY BUILDING	25104M	11	12	13	EA	BLOCKS SLD MSNRY BLD
	BRICK, SOLID BUILDING	25105	11	12	13	EA	BRICK SOLID BLDG
	BRICK, SOLID BUILDING	25105M	11	12	13	EA	BRICK SOLID BLDG
	BLOCKS, HOLLOW LOAD BEARING (C-90)	25106	11	12	13	EA	BLOCKS HOLDBR C90
	BLOCKS, HOLLOW LOAD BEARING (C-90)	25106M	11	12	13	EA	BLOCKS HOLDBR C90
D	PRECAST BLOCK REVETMENT MAT	25107	12	13	16	SQFT	PCST BLK REVMT MAT
D	PRECAST BLOCK REVETMENT MAT	25107M	12	13	16	SQ M	PCST BLK REVMT MAT
D	BLOCKS, PRECAST CONCRETE MODULAR FOR GRAVITY RETAINING WALL	25108	11	12	13	EA	BLOCKS PCST RET WALL
D	BLOCKS, PRECAST CONCRETE MODULAR FOR GRAVITY RETAINING WALL	25108M	11	12	13	EA	BLOCKS PCST RET WALL
D	BLOCKS, SOLID LOAD BEARING (C-90)	25109	11	12	13	EA	BLOCKS SOLID LB C90
D	BLOCKS, SOLID LOAD BEARING (C-90)	25109M	11	12	13	EA	BLOCKS SOLID LB C90
D	BLOCKS, PRECAST CONCRETE FOR RETAINING WALL, SOLID	25110	11	12	13	EA	BLOCK RET WALL SOLID
D	BLOCKS, PRECAST CONCRETE FOR RETAINING WALL, HOLLOW	25111				EA	BLOCK RET WALL HOLLO
D	BLOCKS, PRECAST CONCRETE FOR RETAINING WALL, HOLLOW	25111M				EA	BLOCK RET WALL HOLLO
D	BLOCKS, PRECAST CONCRETE FOR RETAINING WALL, SOLID-T	25112				EA	BLOCK RET WALL SOL-T
D	BLOCKS, PRECAST CONCRETE FOR RETAINING WALL, SOLID-T	25112M				EA	BLOCK RET WALL SOL-T
	PAVER, CONCRETE	25113	12	13	16	EA	PAVER CONCRETE

SEQ: MATCODE

MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PAVER, CONCRETE	25113M	12	13	16	EA	PAVER CONCRETE
	BLOCKS, REVETMENT MAT, PRECAST	25114	11	12	13	EA	BLK REVMT MAT PCST
	BLOCKS, REVETMENT MAT, PRECAST	25114M	11	12	13	EA	BLK REVMT MAT PCST
	BLOCKS, REVETMENT MAT, PRECAST, ARTICULATED	25115	11	12	13	EA	BLK REVMT MAT PC AR
	BLOCKS, REVETMENT MAT, PRECAST, ARTICULATED	25115M	11	12	13	EA	BLK REVMT MAT PC AR
	RISERS & GRADE RINGS	25201	14	11	16	EA	RISER & GR RINGS
	RISERS & GRADE RINGS	25201M	14	11	16	EA	RISER & GR RINGS
	RISERS, CONCENTRIC CONE (STRAIGHT)	25202	82	11	16	EA	RISER CON CN STG
	RISERS, CONCENTRIC CONE (STRAIGHT)	25202M	82	11	16	EA	RISER CON CN STG
	RISERS, ECCENTRIC CONE (OFFSET)	25203	82	11	16	EA	RISER ECC CN OFFSET
	RISERS, ECCENTRIC CONE (OFFSET)	25203M	82	11	16	EA	RISER ECC CN OFFSET
	FLAT TOP SLAB, CONCRETE	25204	14		16	EA	FLAT TOP SLAB
	FLAT TOP SLAB, CONCRETE	25204M	14		16	EA	FLAT TOP SLAB
	BOTTOMS, PRECAST	25205	14		16	EA	BOTTOMS PRECAST
	BOTTOMS, PRECAST	25205M	14		16	EA	BOTTOMS PRECAST
	INLET, COMPLETE	25206	6	27		EA	INLET COMPLETE
	INLET, COMPLETE	25206M	6	27		EA	INLET COMPLETE
D	INLET, PRECAST CONCRETE FOR MEDIANS	25207	6			EA	INLET PCAST FOR MED
D	INLET, PRECAST CONCRETE FOR MEDIANS	25207M	6			EA	INLET PCAST FOR MED
	INLET, PRECAST CONCRETE, SPECIAL	25208	11	12	13	EA	INLET PCAST SP
	INLET, PRECAST CONCRETE, SPECIAL	25208M	11	12	13	EA	INLET PCAST SP
	VAULT, VALVE	25209	6			EA	VAULT VALVE
	VAULT, VALVE	25209M	6			EA	VAULT VALVE
	HANDHOLE, CONCRETE	25210	6			EA	HANDHOLE CONCRETE

SEQ: MATCODE

MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	HANDHOLE, CONCRETE	25210M	6			EA	HANDHOLE CONCRETE
	HANDHOLE, COMPOSITE CONCRETE	25211	12	13	15	EA	HANDHOLE COMP CONC
	HANDHOLE, COMPOSITE CONCRETE	25211M	12	13	15	EA	HANDHOLE COMP CONC
	PLUG, END, CONCRETE	25212				EA	PLUG END CONCRETE
	PLUG, END, CONCRETE	25212M				EA	PLUG END CONCRETE
	END SECTION, PIPE, CONCRETE, RECTANGULAR	25213	6	26	12	EA	END SEC PIPE CON RCT
	END SECTION, PIPE, CONCRETE, RECTANGULAR	25213M	6	26	12	EA	END SEC PIPE CON RCT
	RISERS, RECTANGULAR	25214	6	27	11	EA	RISERS RECTANGULAR
	RISERS, RECTANGULAR	25214M	6	27	11	EA	RISERS RECTANGULAR
	BOTTOMS, PRECAST RECTANGULAR	25215	6	27	16	EA	BOTTOMS PCAST RECT
	BOTTOMS, PRECAST RECTANGULAR	25215M	6	27	16	EA	BOTTOMS PCAST RECT
	FLAT TOP SLAB, RECTANGULAR	25216	6	27	16	EA	FLAT TOP SLAB RECT
	FLAT TOP SLAB, RECTANGULAR	25216M	6	27	16	EA	FLAT TOP SLAB RECT
	RISERS, SPECIAL	25217	14	11	16	EA	RISERS SPECIAL
	RISERS, SPECIAL	25217M	14	11	16	EA	RISERS SPECIAL
	BEAMS, BRIDGE PRECAST	25301	11	19	7	SQFT	BEAMS BRIDGE PRECAST
	BEAMS, BRIDGE PRECAST	25301M	11	19	7	SQ M	BEAMS BRIDGE PRECAST
	CAPS, PRECAST BRIDGE PIER	25401	11	19	13	EA	CAPS PRECAST BR PIER
	CAPS, PRECAST BRIDGE PIER	25401M	11	19	13	EA	CAPS PRECAST BR PIER
	PLANK, PRECAST CONCRETE	25501	11	19	13	SQFT	PLANK PRECAST CONC
	PLANK, PRECAST CONCRETE	25501M	11	19	13	SQ M	PLANK PRECAST CONC
D	PANEL, PRECAST SLOPE WALL	25502	11	19	7	SQFT	PANEL PRECAST SW
D	PANEL, PRECAST SLOPE WALL	25502M	11	19	7	SQ M	PANEL PRECAST SW
D	PANEL, PRECAST EXPOSED, AGGREGATE SLOPE WALL	25503	11	19	7	SQFT	PANEL PRECAST EA SW

SEQ: MATCODE

MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PANEL, PRECAST EXPOSED, AGGREGATE SLOPE WALL	25503M	11	19	7	SQ M	PANEL PRECAST EA SW
	BARRIER, PRECAST CONCRETE MEDIAN	25504		19		LINFT	BARRIER MED PRECAST
	BARRIER, PRECAST CONCRETE MEDIAN	25504M		19		METER	BARRIER MED PRECAST
D	POST, RAIL, PRECAST CONCRETE, CURB	25505				EA	POST RAIL PRECAST CB
D	POST, RAIL, PRECAST CONCRETE, NO CURB	25506	12			EA	POSTRAIL PRECST NOCB
	WINGWALL, PRECAST CONCRETE	25507	11	19	7	SQFT	WINGWALL PRCONC
	WINGWALL, PRECAST CONCRETE	25507M	11	19	7	SQ M	WINGWALL PRCONC
	SLAB, APPROACH, PRECAST CONCRETE	25508	11	19	7	SQFT	SLAB APPROACH PRCONC
	SLAB, APPROACH, PRECAST CONCRETE	25508M	11	19	7	SQ M	SLAB APPROACH PRCONC
D	WALL PANEL, PRECAST NOISE ABATEMENT	25509				EA	WALL PANEL PRCST ABT
D	PANEL, PRECAST CONCRETE	25510	16	19	7	SQFT	PANEL PRECAST CONC
D	PANEL, PRECAST CONCRETE	25510M	16	19	7	SQ M	PANEL PRECAST CONC
D	MOLD, PANEL, PRECAST CONCRETE	25511				EA	MOLD PANEL PRECONC
D	MOLD, PANEL, PRECAST CONCRETE	25511M				EA	MOLD PANEL PRECONC
	WHEEL STOPS, PRECAST CONCRETE	25512	13	19	11	EA	WHEEL STOP PRCCONC
	WHEEL STOPS, PRECAST CONCRETE	25512M	13	19	11	EA	WHEEL STOP PRCCONC
	RETAINING WALL, SPECIAL, PRECAST CONCRETE	25513				SQFT	RETAIN WALL SP PRCON
	RETAINING WALL, SPECIAL, PRECAST CONCRETE	25513M				SQ M	RETAIN WALL SP PRCON
	GLARE SHIELD PRECAST CONCRETE	25514				LINFT	GLARE SHIELD PRECONC
	GLARE SHIELD PRECAST CONCRETE	25514M				METER	GLARE SHIELD PRECONC
	FOOTING, PRECAST	25515	87	19		LINFT	FOOTING PRECAST
	FOOTING, PRECAST	25515M	87	19		METER	FOOTING PRECAST
D	FOUNDATION, CONCRETE, WOOD POST STANDARD 2320	25516	14	18		EA	FOUNDATION CONC WPST
D	FOUNDATION, CONCRETE, WOOD POST STANDARD 2320	25516M	14	18		EA	FOUNDATION CONC WPST

SEQ: MATCODE

MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	END SECTION, PRECAST CONCRETE MEDIAN BARRIER	25517	19			EA	END SEC PC MED BAR
	END SECTION, PRECAST CONCRETE MEDIAN BARRIER	25517M	19			EA	END SEC PC MED BAR
	RETAINING WALL BLOCK	25518	11	12	13	EA	RETAINING WALL BLOCK
	RETAINING WALL BLOCK	25518M	11	12	13	EA	RETAINING WALL BLOCK
	RETAINING WALL CAP	25519	11	12	13	EA	RETAINING WALL CAP
	RETAINING WALL CAP	25519M	11	12	13	EA	RETAINING WALL CAP
	WALL PANEL, REFLECTIVE NOISE WALL, PRECAST CONCRETE	25520	19	7	16	SQFT	WALL PANEL REF PRCON
	WALL PANEL, REFLECTIVE NOISE WALL, PRECAST CONCRETE	25520M	19	7	16	SQ M	WALL PANEL REF PRCON
	PANEL, PRECAST CONCRETE PARAPET	25521	11			LINFT	PANEL PCAST PARAPET
	PANEL, PRECAST CONCRETE PARAPET	25521M				METER	PANEL PCAST PARAPET
	WALL, PRECAST MODULAR RETAINING	25522				EA	WALL PRCST MOD
	PANEL, MECHANICALLY STAB EARTH RETAIN WALL, PRECAST CONCRETE	25523				SQFT	PANEL MSERW PC
	PANEL, MECHANICALLY STAB EARTH RETAIN WALL, PRECAST CONCRETE	25523M				SQ M	PANEL MSERW PC
	WALL PANEL, ABSORPTIVE NOISE WALL, PRECAST CONCRETE	25524	19	7	16	SQFT	WALL PANEL ABS PRCON
	WALL PANEL, ABSORPTIVE NOISE WALL, PRECAST CONCRETE	25524M	19	7	16	SQ M	WALL PANEL ABS PRCON
D	CRIBBING, CONCRETE	25601	11	19	13	EA	CRIBBING CONC
	FLARED END SECTION, REINFORCED CONCRETE, CIRCULAR	25701	14		31	EA	FLA END SEC RC CIRC
	FLARED END SECTION, REINFORCED CONCRETE, CIRCULAR	25701M	14		31	EA	FLA END SEC RC CIRC
	TOE WALL, FLARED END SECTION	25702				EA	TOE WALL FLA END SEC
	TOE WALL, FLARED END SECTION	25702M				EA	TOE WALL FLA END SEC
	HEADWALL, CONCRETE	25703	6			EA	HEADWALL CONCRETE
	HEADWALL, CONCRETE	25703M	6			EA	HEADWALL CONCRETE
	FLARED END SECTION, REINFORCED CONCRETE, ELLIPTICAL	25704	26		31	EA	FLA END SEC RC ELLIP
	FLARED END SECTION, REINFORCED CONCRETE, ELLIPTICAL	25704M	26		31	EA	FLA END SEC RC ELLIP

SEQ: MATCODE

MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	DEADMAN	25801	11	12	13	EA	DEADMAN
D	DEADMAN	25801M	11	12	13	EA	DEADMAN
D	RIPRAP, CONCRETE BLOCK	25802	11	19	13	EA	RIPRAP CON BLK
D	RIPRAP, CONCRETE BLOCK	25802M	11	19	13	EA	RIPRAP CON BLK
	SPLASH BLOCK	25803				EA	SPLASH BLOCK
	SPLASH BLOCK	25803M				EA	SPLASH BLOCK
	TABLES, PICNIC, CONCRETE	25901				EA	TABLES PICNIC CONC
	TABLES, PICNIC, CONCRETE	25901M				EA	TABLES PICNIC CONC
	TRASH RECEPTACLE, PRECAST CONCRETE	25902				EA	TRASH RECEPT CONC
	TRASH RECEPTACLE, PRECAST CONCRETE	25902M				EA	TRASH RECEPT CONC
	PLANTER, PRECAST CONCRETE	25903				EA	PLANTER PCST CONC
	PLANTER, PRECAST CONCRETE	25903M				EA	PLANTER PCST CONC
	BOLLARD/PILASTER, PRECAST CONCRETE	25904				EA	BOLLARD/PILASTER PC
	BOLLARD/PILASTER, PRECAST CONCRETE	25904M				EA	BOLLARD/PILASTER PC
	MARKER ROW	26001		12		EA	MARKER ROW
	MARKER ROW	26001M		12		EA	MARKER ROW
	MARKER, SECTION	26002		12		EA	MARKER SEC
	MARKER, SECTION	26002M		12		EA	MARKER SEC
	MARKER, DRAINAGE	26003		12		EA	MARKER DRAIN
	MARKER, DRAINAGE	26003M		12		EA	MARKER DRAIN
	MARKER, COMBINATION (SECTION & ROW)	26004				EA	MARKER COMB SEC&ROWW
	MARKER, COMBINATION (SECTION & ROW)	26004M				EA	MARKER COMB SEC&ROWW
	MARKER, SURVEY CONCRETE	26005				EA	MARKER SURVEY CONC
	MARKER, SURVEY CONCRETE	26005M				EA	MARKER SURVEY CONC

SEQ: MATCODE

MATERIAL GROUP: 250 CONCRETE MASONRY UNITS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	MARKER, REFERENCE, CONCRETE	26006				EA	MARKER REF CONCRETE
	MARKER, REFERENCE, CONCRETE	26006M				EA	MARKER REF CONCRETE
	MANHOLES, COMPLETE	26101	14	6		EA	MANHOLE COMPLETE
	MANHOLES, COMPLETE	26101M	14	6		EA	MANHOLE COMPLETE
	CATCH BASINS, COMPLETE	26102	14	6		EA	CATCH BASIN COMPLETE
	CATCH BASINS, COMPLETE	26102M	14	6		EA	CATCH BASIN COMPLETE
	TEE, MANHOLE	26103	14	14		EA	TEE MANHOLE
	TEE, MANHOLE	26103M	14	14		EA	TEE MANHOLE
	CATCH BASINS, SQUARE, COMPLETE	26104	6	27	18	EA	CATCH BASIN SQ COMP
	CATCH BASINS, SQUARE, COMPLETE	26104M	6	27	18	EA	CATCH BASIN SQ COMP
D	JUNCTION BOX, CONCRETE	26105	12	13	15	EA	JUNCTION BOX CONC
D	JUNCTION BOX, CONCRETE	26105M	12	13	15	EA	JUNCTION BOX CONC
D	JUNCTION BOX, POLYMER CONCRETE	26106	12	13	15	EA	JUNCT BOX POLYCONC
D	JUNCTION BOX, POLYMER CONCRETE	26106M	12	13	15	EA	JUNCT BOX POLYCONC
D	JUNCTION BOX LID, POLYMER CONCRETE	26107	12	13		EA	JUNCBX LID POLYCONC
D	JUNCTION BOX LID, POLYMER CONCRETE	26107M	12	13		EA	JUNCBX LID POLYCONC
D	JUNCTION BOX, REINFORCED PLASTIC MORTAR	26108	12	13	15	EA	JUNCTION BOX RPM
D	JUNCTION BOX, REINFORCED PLASTIC MORTAR	26108M	12	13	15	EA	JUNCTION BOX RPM
	GULFBOX JUNCTION, COMPOSITE CONCRETE	26109	12	13	15	EA	GULFBX JNC COMP CONC
	GULFBOX JUNCTION, COMPOSITE CONCRETE	26109M	12	13	15	EA	GULFBX JNC COMP CONC

SEQ: MATCODE

MATERIAL GROUP: 275 PRESTRESSED & POSTTENSIONED CONCRETE BRIDGE BEAMS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	HEADWALL, CONCRETE	27503				EA	HEADWALL CONCRETE
	BEAMS, I, BRIDGE, PRECAST PRESTRESSED CONCRETE	27601	11	19		LINFT	BEAMS I BR PPCONC
	BEAMS, I, BRIDGE, PRECAST PRESTRESSED CONCRETE	27601M	11	19		METER	BEAMS I BR PPCONC
	BEAMS, BULB T, BRIDGE, PRECAST PRESTRESSED	27602	11	19		LINFT	BEAMS BULB T BR PPC
	BEAMS, BULB T, BRIDGE, PRECAST PRESTRESSED	27602M	11	19		METER	BEAMS BULB T BR PPC
	BEAMS, IL N, BRIDGE, PRECAST PRESTRESSED CONCRETE	27603	11	19		LINFT	BEAMS ILN BR PPC
	BEAMS, IL N, BRIDGE, PRECAST PRESTRESSED CONCRETE	27603M	11	19		METER	BEAMS ILN BR PPC
	BEAMS, IL W, BRIDGE, PRECAST PRESTRESSED CONCRETE	27604	11	19		LINFT	BEAMS ILW BR PPC
	BEAMS, IL W, BRIDGE, PRECAST PRESTRESSED CONCRETE	27604M	11	19		METER	BEAMS ILW BR PPC
	BEAMS, DECK, BRIDGE, PRECAST PRESTRESSED CONCRETE	27701	11	19		SQFT	BEAMS DK BR PPCONC
	BEAMS, DECK, BRIDGE, PRECAST PRESTRESSED CONCRETE	27701M	11	19		SQ M	BEAMS DK BR PPCONC
	BEAMS, DECK, BRIDGE, SOLID PROFILE, PRECAST PRESTRSD CONC	27702	11	19		LINFT	BEAMS DK BR SLD PPC
	BEAMS, DECK, BRIDGE, SOLID PROFILE, PRECAST PRESTRSD CONC	27702M	11	19		METER	BEAMS DK BR SLD PPC
D	PLANKING, PRECAST PRESTRESSED CONCRETE	27801	11	19	13	SQFT	PLANKING PPCONC
D	PLANKING, PRECAST PRESTRESSED CONCRETE	27801M	11	19	13	SQ M	PLANKING PPCONC
D	SLAB, APPROACH, PRESTRESS CONCRETE	27802	11	19	7	SQFT	SLAB APPROACH PPCONC
D	SLAB, APPROACH, PRESTRESS CONCRETE	27802M	11	19	7	SQ M	SLAB APPROACH PPCONC
D	WALL, RETAINING, PRECAST PRESTRESSED CONCRETE	27803	16	19	13	LINFT	WALL RET PPCONC
D	WALL, RETAINING, PRECAST PRESTRESSED CONCRETE	27803M	16	19	13	METER	WALL RET PPCONC
D	SLAB, HOLLOW CORE, PRECAST PRESTRESSED CONCRETE	27804	11	19	13	SQFT	SLAB HLOCR PPCONC
D	SLAB, HOLLOW CORE, PRECAST PRESTRESSED CONCRETE	27804M	11	19	13	SQ M	SLAB HLOCR PPCONC
	POST, PRECAST PRESTRESSED CONCRETE NOISE ABATEMENT	27805	12	13	18	EA	POST PPC NOISE ABT
	POST, PRECAST PRESTRESSED CONCRETE NOISE ABATEMENT	27805M	12	13	18	EA	POST PPC NOISE ABT
	PANEL, PRECAST PRESTRESSED CONCRETE (SIGHT SCREEN)	27806	16	19	7	SQFT	PANEL PPCONC SCREEN

SEQ: MATCODE

MATERIAL GROUP: 275 PRESTRESSED & POSTTENSIONED CONCRETE BRIDGE BEAMS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PANEL, PRECAST PRESTRESSED CONCRETE (SIGHT SCREEN)	27806M	16	19	7	SQ M	PANEL PPCONC SCREEN
D	BEAMS, I, BRIDGE, PRECAST PRESTRESSED POSTTENSIONED CONCRETE	27901	11	19		LINFT	BEAMS I BR PPPOCONC
D	BEAMS, I, BRIDGE, PRECAST PRESTRESSED POSTTENSIONED CONCRETE	27901M	11	19		METER	BEAMS I BR PPPOCONC
D	PANEL, DECK, PRECAST POSTTENSIONED CONCRETE	27902	16	19	7	SQFT	PANEL PCST POSTENS
D	PANEL, DECK, PRECAST POSTTENSIONED CONCRETE	27902M	16	19	7	SQ M	PANEL PCST POSTENS

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CABLE, ELECTRICAL 100/C COPPER	30100	20	21		LINFT	CABLE EL CU 100C
D	CABLE, ELECTRICAL 100/C COPPER	30100M	20	21		METER	CABLE EL CU 100C
	CABLE, ELECTRICAL 1/C COPPER	30101	20	21		LINFT	CABLE EL CU 1C
	CABLE, ELECTRICAL 1/C COPPER	30101M	20	21		METER	CABLE EL CU 1C
	CABLE, ELECTRICAL 2/C COPPER	30102	20	21		LINFT	CABLE EL CU 2C
	CABLE, ELECTRICAL 2/C COPPER	30102M	20	21		METER	CABLE EL CU 2C
	CABLE, ELECTRICAL 3/C COPPER	30103	20	21		LINFT	CABLE EL CU 3C
	CABLE, ELECTRICAL 3/C COPPER	30103M	20	21		METER	CABLE EL CU 3C
	CABLE, ELECTRICAL 4/C COPPER	30104	20	21		LINFT	CABLE EL CU 4C
	CABLE, ELECTRICAL 4/C COPPER	30104M	20	21		METER	CABLE EL CU 4C
	CABLE, ELECTRICAL 5/C COPPER	30105	20	21		LINFT	CABLE EL CU 5C
	CABLE, ELECTRICAL 5/C COPPER	30105M	20	21		METER	CABLE EL CU 5C
	CABLE, ELECTRICAL 6/C COPPER	30106	20	21		LINFT	CABLE EL CU 6C
	CABLE, ELECTRICAL 6/C COPPER	30106M	20	21		METER	CABLE EL CU 6C
	CABLE, ELECTRICAL 7/C COPPER	30107	20	21		LINFT	CABLE EL CU 7C
	CABLE, ELECTRICAL 7/C COPPER	30107M	20	21		METER	CABLE EL CU 7C
	CABLE, ELECTRICAL 8/C COPPER	30108	20	21		LINFT	CABLE EL CU 8C
	CABLE, ELECTRICAL 8/C COPPER	30108M	20	21		METER	CABLE EL CU 8C
	CABLE, ELECTRICAL 9/C COPPER	30109	20	21		LINFT	CABLE EL CU 9C
	CABLE, ELECTRICAL 9/C COPPER	30109M	20	21		METER	CABLE EL CU 9C
	CABLE, ELECTRICAL 10/C COPPER	30110	20	21		LINFT	CABLE EL CU 10C
	CABLE, ELECTRICAL 10/C COPPER	30110M	20	21		METER	CABLE EL CU 10C
D	CABLE, ELECTRICAL 11/C COPPER	30111	20	21		LINFT	CABLE EL CU 11C
D	CABLE, ELECTRICAL 11/C COPPER	30111M	20	21		METER	CABLE EL CU 11C

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CABLE, ELECTRICAL 12/C COPPER	30112	20	21		LINFT	CABLE EL CU 12C
	CABLE, ELECTRICAL 12/C COPPER	30112M	20	21		METER	CABLE EL CU 12C
D	CABLE, ELECTRICAL 13/C COPPER	30113	20	21		LINFT	CABLE EL CU 13C
D	CABLE, ELECTRICAL 13/C COPPER	30113M	20	21		METER	CABLE EL CU 13C
D	CABLE, ELECTRICAL 14/C COPPER	30114	20	21		LINFT	CABLE EL CU 14C
D	CABLE, ELECTRICAL 14/C COPPER	30114M	20	21		METER	CABLE EL CU 14C
	CABLE, ELECTRICAL COPPER (PAIRS)	30115	20	21	57	LINFT	CABLE EL CU PAIRS
	CABLE, ELECTRICAL COPPER (PAIRS)	30115M	20	21	57	METER	CABLE EL CU PAIRS
D	CABLE, ELECTRICAL 15/C COPPER	30116	20	21		LINFT	CABLE EL CU 15C
D	CABLE, ELECTRICAL 15/C COPPER	30116M	20	21		METER	CABLE EL CU 15C
	CABLE, ELECTRICAL 18/C COPPER	30118	20	21		LINFT	CABLE EL CU 18C
	CABLE, ELECTRICAL 18/C COPPER	30118M	20	21		METER	CABLE EL CU 18C
	CABLE, ELECTRICAL 19/C COPPER	30119	20	21		LINFT	CABLE EL CU 19C
	CABLE, ELECTRICAL 19/C COPPER	30119M	20	21		METER	CABLE EL CU 19C
D	CABLE, ELECTRICAL 20/C COPPER	30120	20	21		LINFT	CABLE EL CU 20C
D	CABLE, ELECTRICAL 20/C COPPER	30120M	20	21		METER	CABLE EL CU 20C
	CABLE, ELECTRICAL 16/C COPPER	30125	20	21		LINFT	CABLE EL CU 16C
	CABLE, ELECTRICAL 16/C COPPER	30125M	20	21		METER	CABLE EL CU 16C
D	CABLE, ELECTRICAL 25/C COPPER	30126	20	21		LINFT	CABLE EL CU 25C
D	CABLE, ELECTRICAL 25/C COPPER	30126M	20	21		METER	CABLE EL CU 25C
D	CABLE, ELECTRICAL 30/C COPPER	30130	20	21		LINFT	CABLE EL CU 30C
D	CABLE, ELECTRICAL 30/C COPPER	30130M	20	21		METER	CABLE EL CU 30C
D	CABLE, ELECTRICAL 37/C COPPER	30137	20	21		LINFT	CABLE EL CU 37C
D	CABLE, ELECTRICAL 37/C COPPER	30137M	20	21		METER	CABLE EL CU 37C

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CABLE, ELECTRICAL 50/C COPPER	30150	20	21		LINFT	CABLE EL CU 50C
D	CABLE, ELECTRICAL 50/C COPPER	30150M	20	21		METER	CABLE EL CU 50C
D	CABLE, ELECTRICAL 51/C COPPER	30151	20	21		LINFT	CABLE EL CU 51C
D	CABLE, ELECTRICAL 51/C COPPER	30151M	20	21		METER	CABLE EL CU 51C
	CABLE, ELECTRICAL TWISTED SHIELD COPPER	30155	20			LINFT	CABLE EL CU TWSTSLD
	CABLE, ELECTRICAL TWISTED SHIELD COPPER	30155M	20			METER	CABLE EL CU TWSTSLD
D	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYA	30170	20	21		LINFT	CABLE ELU 1C L824TYA
D	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYA	30170M	20	21		METER	CABLE ELU 1C L824TYA
D	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYA	30171	20	21		LINFT	CABLE ELU 2C L824TYA
D	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYA	30171M	20	21		METER	CABLE ELU 2C L824TYA
	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYB	30172	20	21		LINFT	CABLE ELU 1C L824TYB
	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYB	30172M	20	21		METER	CABLE ELU 1C L824TYB
	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYB	30173	20	21		LINFT	CABLE ELU 2C L824TYB
	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYB	30173M	20	21		METER	CABLE ELU 2C L824TYB
	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYC	30174	20	21		LINFT	CABLE ELU 1C L824TYC
	CABLE, ELECTRICAL UNDERGROUND 1/C L-824TYC	30174M	20	21		METER	CABLE ELU 1C L824TYC
	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYC	30175	20	21		LINFT	CABLE ELU 2C L824TYC
	CABLE, ELECTRICAL UNDERGROUND 2/C L-824TYC	30175M	20	21		METER	CABLE ELU 2C L824TYC
	CABLE, ELECTRICAL UNDERGROUND 3/C L-824TYC	30176	20	21		LINFT	CABLE ELU 3C L824TYC
	CABLE, ELECTRICAL UNDERGROUND 3/C L-824TYC	30176M	20	21		METER	CABLE ELU 3C L824TYC
	CABLE, ELECTRICAL 1/C ALUMINUM	30201	20	21		LINFT	CABLE EL AL 1C
	CABLE, ELECTRICAL 1/C ALUMINUM	30201M	20	21		METER	CABLE EL AL 1C
	CABLE, ELECTRICAL 2/C ALUMINUM	30202	20	21		LINFT	CABLE EL AL 2C
	CABLE, ELECTRICAL 2/C ALUMINUM	30202M	20	21		METER	CABLE EL AL 2C

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CABLE, ELECTRICAL 3/C ALUMINUM	30203	20	21		LINFT	CABLE EL AL 3C
	CABLE, ELECTRICAL 3/C ALUMINUM	30203M	20	21		METER	CABLE EL AL 3C
	CABLE, ELECTRICAL 4/C ALUMINUM	30204	20	21		LINFT	CABLE EL AL 4C
	CABLE, ELECTRICAL 4/C ALUMINUM	30204M	20	21		METER	CABLE EL AL 4C
D	CABLE, ELECTRICAL 5/C ALUMINUM	30205	20	21		LINFT	CABLE EL AL 5C
D	CABLE, ELECTRICAL 5/C ALUMINUM	30205M	20	21		METER	CABLE EL AL 5C
D	CABLE, ELECTRICAL 6/C ALUMINUM	30206	20	21		LINFT	CABLE EL AL 6C
D	CABLE, ELECTRICAL 6/C ALUMINUM	30206M	20	21		METER	CABLE EL AL 6C
D	CABLE, ELECTRICAL 7/C ALUMINUM	30207	20	21		LINFT	CABLE EL AL 7C
D	CABLE, ELECTRICAL 7/C ALUMINUM	30207M	20	21		METER	CABLE EL AL 7C
D	CABLE, ELECTRICAL 8/C ALUMINUM	30208	20	21		LINFT	CABLE EL AL 8C
D	CABLE, ELECTRICAL 8/C ALUMINUM	30208M	20	21		METER	CABLE EL AL 8C
D	CABLE, ELECTRICAL 9/C ALUMINUM	30209	20	21		LINFT	CABLE EL AL 9C
D	CABLE, ELECTRICAL 9/C ALUMINUM	30209M	20	21		METER	CABLE EL AL 9C
D	CABLE, ELECTRICAL 10/C ALUMINUM	30210	20	21		LINFT	CABLE EL AL 10C
D	CABLE, ELECTRICAL 10/C ALUMINUM	30210M	20	21		METER	CABLE EL AL 10C
D	CABLE, ELECTRICAL 11/C ALUMINUM	30211	20	21		LINFT	CABLE EL AL 11C
D	CABLE, ELECTRICAL 11/C ALUMINUM	30211M	20	21		METER	CABLE EL AL 11C
D	CABLE, ELECTRICAL 12/C ALUMINUM	30212	20	21		LINFT	CABLE EL AL 12C
D	CABLE, ELECTRICAL 12/C ALUMINUM	30212M	20	21		METER	CABLE EL AL 12C
D	CABLE, ELECTRICAL 13/C ALUMINUM	30213	20	21		LINFT	CABLE EL AL 13C
D	CABLE, ELECTRICAL 13/C ALUMINUM	30213M	20	21		METER	CABLE EL AL 13C
D	CABLE, ELECTRICAL 14/C ALUMINUM	30214	20	21		LINFT	CABLE EL AL 14C
D	CABLE, ELECTRICAL 14/C ALUMINUM	30214M	20	21		METER	CABLE EL AL 14C

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CABLE, ELECTRICAL ALUMINUM (PAIRS)	30215	20	21	57	LINFT	CABLE EL SLUM PAIRS
D	CABLE, ELECTRICAL ALUMINUM (PAIRS)	30215M	20	21	57	METER	CABLE EL SLUM PAIRS
D	CABLE ELECTRICAL TWISTED SHIELD ALUMINUM	30255	20			LINFT	CABLE EL AL TWSTSLD
D	CABLE ELECTRICAL TWISTED SHIELD ALUMINUM	30255M	20			METER	CABLE EL AL TWSTSLD
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 1/C COPPER	30301	20	21		LINFT	CABLE EL ASU CU 1C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 2/C COPPER	30302	20	21		LINFT	CABLE EL ASU CU 2C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 3/C COPPER	30303	20	21		LINFT	CABLE EL ASU CU 3C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 4/C COPPER	30304	20	21		LINFT	CABLE EL ASU CU 4C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 5/C COPPER	30305	20	21		LINFT	CABLE EL ASU CU 5C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 6/C COPPER	30306	20	21		LINFT	CABLE EL ASU CU 6C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 7/C COPPER	30307	20	21		LINFT	CABLE EL ASU CU 7C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 8/C COPPER	30308	20	21		LINFT	CABLE EL ASU CU 8C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 9/C COPPER	30309	20	21		LINFT	CABLE EL ASU CU 9C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 10/C COPPER	30310	20	21		LINFT	CABLE EL ASU CU 10C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 11/C COPPER	30311	20	20		LINFT	CABLE EL ASU CU 11C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 12/C COPPER	30312	20	20		LINFT	CABLE EL ASU CU 12C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 13/C COPPER	30313	20	20		LINFT	CABLE EL ASU CU 13C
D	CABLE, ELECTRICAL, AERIAL SUSPENDED 14/C COPPER	30314	21	20		LINFT	CABLE EL ASU CU 14C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 1/C ALUMINUM	30401	21	20		LINFT	CABLE EL ASU AL 1C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 2/C ALUMINUM	30402	21	20		LINFT	CABLE EL ASU AL 2C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 3/C ALUMINUM	30403	21	20		LINFT	CABLE EL ASU AL 3C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 4/C ALUMINUM	30404	21	20		LINFT	CABLE EL ASU AL 4C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 5/C ALUMINUM	30405	21	20		LINFT	CABLE EL ASU AL 5C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 6/C ALUMINUM	30406	21	20		LINFT	CABLE EL ASU AL 6C

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CABLE, ELECTRICAL AERIAL SUSPENDED 7/C ALUMINUM	30407	21	20		LINFT	CABLE EL ASU AL 7C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 8/C ALUMINUM	30408	21	20		LINFT	CABLE EL ASU AL 8C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 9/C ALUMINUM	30409	21	20		LINFT	CABLE EL ASU AL 9C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 10/C ALUMINUM	30410	21	20		LINFT	CABLE EL ASU AL 10C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 11/C ALUMINUM	30411	21	20		LINFT	CABLE EL ASU AL 11C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 12/C ALUMINUM	30412	21	20		LINFT	CABLE EL ASU AL 12C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 13/C ALUMINUM	30413	21	20		LINFT	CABLE EL ASU AL 13C
D	CABLE, ELECTRICAL AERIAL SUSPENDED 14/C ALUMINUM	30414	21	20		LINFT	CABLE EL ASU AL 14C
D	UNIT DUCT (COILABLE PLASTIC DUCT) NEMA TC-7	30501	14			LINFT	UNIT DUCT PL TC7
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL	30502	14			LINFT	UNITDUCT PL SPEC
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL	30502M	14			METER	UNITDUCT PL SPEC
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 .50	30503	38	54		LINFT	UNITDUCT PL TC7 .50
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 13MM	30503M	38	54		METER	UNITDUCT PL TC7 13MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 .75	30504	38	54		LINFT	UNITDUCT PL TC7 .75
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 19MM	30504M	38	54		METER	UNITDUCT PL TC7 19MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 1.00	30505	38	54		LINFT	UNITDUCT PL TC7 1.00
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 25MM	30505M	38	54		METER	UNITDUCT PL TC7 25MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 1.25	30506	38	54		LINFT	UNITDUCT PL TC7 1.25
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 32MM	30506M	38	54		METER	UNITDUCT PL TC7 32MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 1.50	30507	38	54		LINFT	UNITDUCT PL TC7 1.50
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 38MM	30507M	38	54		METER	UNITDUCT PL TC7 38MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 2.00	30508	38	54		LINFT	UNITDUCT PL TC7 2.00
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 51MM	30508M	38	54		METER	UNITDUCT PL TC7 51MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 2.50	30509	38	54		LINFT	UNITDUCT PL TC7 2.50

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 64MM	30509M	38	54		METER	UNITDUCT PL TC7 64MM
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 3.00	30510	38	54		LINFT	UNITDUCT PL TC7 3.00
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 76MM	30510M	38	54		METER	UNITDUCT PL TC7 76MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL .50	30511	38	54		LINFT	UNITDUCT PL SPC .50
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 13MM	30511M	38	54		METER	UNITDUCT PL SPC 13MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL .75	30512	38	54		LINFT	UNITDUCT PL SPC .75
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 19MM	30512M	38	54		METER	UNITDUCT PL SPC 19MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 1.00	30513	38	54		LINFT	UNITDUCT PL SPC 1.00
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 25MM	30513M	38	54		METER	UNITDUCT PL SPC 25MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 1.25	30514	38	54		LINFT	UNITDUCT PL SPC 1.25
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 32MM	30514M	38	54		METER	UNITDUCT PL SPC 32MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 1.50	30515	38	54		LINFT	UNITDUCT PL SPC 1.50
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 38MM	30515M	38	54		METER	UNITDUCT PL SPC 38MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 2.50	30516	38	54		LINFT	UNITDUCT PL SPC 2.50
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 64MM	30516M	38	54		METER	UNITDUCT PL SPC 64MM
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 3.00	30517	38	54		LINFT	UNITDUCT PL SPC 3.00
D	UNIT DUCT (COILABLE PLASTIC) SPECIAL 76MM	30517M	38	54		METER	UNITDUCT PL SPC 76MM
	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 SCHEDULE 40	30518	14	38	54	LINFT	UNITDUCT PL TC7 40
	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 SCHEDULE 40	30518M	14	38	54	METER	UNITDUCT PL TC7 40
	UNIT DUCT (COILABLE PLASTIC) SPECIAL SCHEDULE 40	30519	14			LINFT	UNITDUCT PL SPEC 40
	UNIT DUCT (COILABLE PLASTIC) SPECIAL SCHEDULE 40	30519M	14			METER	UNITDUCT PL SPEC 40
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 SCHEDULE 80	30520	14	38	54	LINFT	UNITDUCT PL TC7 80
D	UNIT DUCT (COILABLE PLASTIC) COMPLETE NEMA TC-7 SCHEDULE 80	30520M	14	38	54	METER	UNITDUCT PL TC7 80
	UNIT DUCT (COILABLE PLASTIC) SPECIAL SCHEDULE 80	30521	14			LINFT	UNITDUCT PL SPEC 80

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	UNIT DUCT (COILABLE PLASTIC) SPECIAL SCHEDULE 80	30521M	14			METER	UNITDUCT PL SPEC 80
	WIRE, SPAN WITH CONDUCTOR	30601	14	38		LINFT	WIRE SPAN CD
	WIRE, SPAN WITH CONDUCTOR	30601M	14	38		METER	WIRE SPAN CD
	WIRE, SPAN WITHOUT CONDUCTOR	30602	14			LINFT	WIRE SPAN NCD
	WIRE, SPAN WITHOUT CONDUCTOR	30602M	14			METER	WIRE SPAN NCD
	WIRE, BARE GROUND, COPPER	30603	20			LINFT	WIRE BARE GROUND CU
	WIRE, BARE GROUND, COPPER	30603M	20			METER	WIRE BARE GROUND CU
	WIRE, TETHER	30604	14			LINFT	WIRE TETHER
	WIRE, TETHER	30604M	14			METER	WIRE TETHER
	WIRE, SPAN WITH CONDUCTOR, ALUMINUM	30605	14	38		LINFT	WIRE SPAN CD AL
	WIRE, SPAN WITH CONDUCTOR, ALUMINUM	30605M	14	38		METER	WIRE SPAN CD AL
D	WIRE, SPAN WITHOUT CONDUCTOR, ALUMINUM	30606	14			LINFT	WIRE SPAN NCD AL
D	WIRE, SPAN WITHOUT CONDUCTOR, ALUMINUM	30606M	14			METER	WIRE SPAN NCD AL
D	ACCESSORIES, SPAN WIRE	30607				EA	ACCESSORIES SPAN WR
D	ACCESSORIES, SPAN WIRE	30607M				EA	ACCESSORIES SPAN WR
	WIRE, BARE COUNTERPOISE	30608				LINFT	WIRE BARE CNTRPOISE
	WIRE, BARE COUNTERPOISE	30608M				METER	WIRE BARE CNTRPOISE
D	TUBING, ELECTRICAL METALLIC (EMT) ZINC COATED	30701	14			LINFT	TUBING EMT ZNCOAT
	CONDUIT, RIGID STEEL, ZINC COATED ANSI 80.1	30801	14			LINFT	CONDUIT RSTL ZNC
	CONDUIT, RIGID STEEL, ZINC COATED ANSI 80.1	30801M	14			METER	CONDUIT RSTL ZNC
	FITTING, CONDUIT RIGID STEEL, ZINC COATED ANSI 80.1	30802	14			EA	FITTING RSTL ZNC
	FITTING, CONDUIT RIGID STEEL, ZINC COATED ANSI 80.1	30802M	14			EA	FITTING RSTL ZNC
	CONDUIT, RIGID STEEL, PVC COATED	30803	14			LINFT	CONDUIT RSTL PVCC
	CONDUIT, RIGID STEEL, PVC COATED	30803M	14			METER	CONDUIT RSTL PVCC

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CONDUIT, INTERMEDIATE METAL (IMC), UL 1242	30804	14			LINFT	CONDUIT INTR METIMC
	CONDUIT, INTERMEDIATE METAL (IMC), UL 1242	30804M	14			METER	CONDUIT INTR METIMC
	CONDUIT, RIGID STEEL, POLYMER COATED	30805	14			LINFT	CONDUIT RSTL POLY
	CONDUIT, RIGID STEEL, POLYMER COATED	30805M	14			METER	CONDUIT RSTL POLY
	CONDUIT, STAINLESS STEEL, TYPE 304 OR 316	30806	14	27		LINFT	CONDUIT SSTL
	CONDUIT, STAINLESS STEEL, TYPE 304 OR 316	30806M	14	27		METER	CONDUIT SSTL
	FITTING, CONDUIT, STAINLESS STEEL, TYPE 304 OR 316	30807	14	27		EA	FITTING SSTL
	FITTING, CONDUIT, STAINLESS STEEL, TYPE 304 OR 316	30807M	14	27		EA	FITTING SSTL
D	CONDUIT, BITUMINOUS FIBRE, TYPE 1	30901	14			LINFT	CONDUIT BIT FB TY1
D	CONDUIT, BITUMINOUS FIBRE, TYPE 2	30902	14			LINFT	CONDUIT BIT FB TY2
D	FITTING, CONDUIT BITUMINOUS FIBRE	30903	14			EA	FITTING BIT FB
D	CONDUIT, ASBESTOS-CEMENT, TYPE 1	31001	14			LINFT	CONDUIT ACEM TY1
D	CONDUIT, ASBESTOS-CEMENT, TYPE 2	31002	14			LINFT	CONDUIT ACEM TY2
D	FITTING, CONDUIT ASBESTOS-CEMENT	31003	14			EA	FITTING ACEM
	CONDUIT, RIGID PLASTIC, PVC, NEMA TC-2 (SCHEDULE 40)	31101	14			LINFT	COND RPVC NEMATC2 40
	CONDUIT, RIGID PLASTIC, PVC, NEMA TC-2 (SCHEDULE 40)	31101M	14			METER	COND RPVC NEMATC2 40
	FITTING, CONDUIT RIGID PLASTIC	31102	14			EA	FITTING RPVC
	FITTING, CONDUIT RIGID PLASTIC	31102M	14			EA	FITTING RPVC
D	DUCT, UTILITIES, PVC, NEMA TC-6	31103	14			LINFT	DUCT UTIL PVCNEMATC6
D	DUCT, UTILITIES, PVC, NEMA TC-6	31103M	14			METER	DUCT UTIL PVCNEMATC6
	CONDUIT, RIGID PLASTIC, PVC, SPLIT REPAIR	31104	14			LINFT	CONDUIT PVC SPLT RE
D	CONDUIT, RIGID PLASTIC, PVC, FIBEROPTIC, NEMA TC-10	31105				LINFT	CONDUIT PVC NEMATC10
D	CONDUIT, RIGID PLASTIC, PVC, FIBEROPTIC, NEMA TC-10	31105M				METER	CONDUIT PVC NEMATC10
	CONDUIT, RIGID PLASTIC, PVC, NEMA TC-2 (SCHEDULE 80)	31106	14			LINFT	COND RPVC NEMATC2 80

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CONDUIT, RIGID PLASTIC, PVC, NEMA TC-2 (SCHEDULE 80)	31106M	14			METER	COND RPVC NEMATC2 80
	CONDUIT, RIGID ALUMINUM	31201	14			LINFT	CONDUIT RAL
	CONDUIT, RIGID ALUMINUM	31201M	14			METER	CONDUIT RAL
D	FITTING, CONDUIT RIGID ALUMINUM	31202	14			EA	FITTING RAL
D	FITTING, CONDUIT RIGID ALUMINUM	31202M	14			EA	FITTING RAL
	CONDUIT, FLEXIBLE STEEL	31301	14			LINFT	CONDUIT FSTL
	CONDUIT, FLEXIBLE STEEL	31301M	14			METER	CONDUIT FSTL
	CONDUIT, FLEXIBLE STEEL, VINYL COATED	31302	14			LINFT	CONDUIT FSTL VC
	CONDUIT, FLEXIBLE STEEL, VINYL COATED	31302M	14			METER	CONDUIT FSTL VC
D	CONDUIT, FLEXIBLE ALUMINUM	31401	14			LINFT	CONDUIT FAL
D	CONDUIT, FLEXIBLE ALUMINUM	31401M	14			METER	CONDUIT FAL
D	CABLE, ELECTRICAL, SPLICE	31501				EA	CABLE EL SPLICE
D	CABLE, ELECTRICAL, SPLICE	31501M				EA	CABLE EL SPLICE
D	CABLE, ELECTRICAL, INTERCONNECT	31502				EA	CABLE EL INTCON
D	CABLE, ELECTRICAL, INTERCONNECT	31503				LINFT	CABLE EL INTCON
D	CABLE, ELECTRICAL, INTERCONNECT	31503M				METER	CABLE EL INTCON
	CABLE, FIBER OPTIC	31504				LINFT	CABLE FIBER OPTIC
	CABLE, FIBER OPTIC	31504M				METER	CABLE FIBER OPTIC
	CABLE, COAXIAL	31505				LINFT	CABLE COAXIAL
	CABLE, COAXIAL	31505M				METER	CABLE COAXIAL
	TAPE, UNDERGROUND CABLE MARKING	31506				LINFT	TAPE UNDGRN CABLE MK
	TAPE, UNDERGROUND CABLE MARKING	31506M				METER	TAPE UNDGRN CABLE MK
	CABLE, ETHERNET, CATEORY 5	31507				LINFT	CABLE ETHERNET CAT5
	CABLE, ETHERNET, CATEORY 5	31507M				METER	CABLE ETHERNET CAT5

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GROUND ROD	31601	14			LINFT	GROUND ROD
	GROUND ROD	31601M	14			METER	GROUND ROD
	PLASTIC TUBE (LOOP DETECTOR)	31602	14			LINFT	PLASTIC TUBE LP DET
	PLASTIC TUBE (LOOP DETECTOR)	31602M	14			METER	PLASTIC TUBE LP DET
	WIRE & TUBING, DETECTOR LOOP	31603	20	33		LINFT	WIRE & TUBE DET LOOP
	WIRE & TUBING, DETECTOR LOOP	31603M	20	33		METER	WIRE & TUBE DET LOOP
	WIRE, GUY	31604	14			LINFT	WIRE GUY
	WIRE, GUY	31604M	14			METER	WIRE GUY
	VIDEO, WIDE ANGLE, DETECTION SYSTEM COMPLETE	31605	22			EA	VIDEO WA DET SYS
	VIDEO, WIDE ANGLE, DETECTION SYSTEM COMPLETE	31605M	22			EA	VIDEO WA DET SYS
	VIDEO SURVEILLANCE SYSTEM COMPLETE	31606	22			EA	VIDEO SURVEIL SYS
	VIDEO SURVEILLANCE SYSTEM COMPLETE	31606M	22			EA	VIDEO SURVEIL SYS
D	ANCHOR, HELIX, GUY WIRE	31607				EA	ANCHOR HELX GUY WIRE
D	ANCHOR, HELIX, GUY WIRE	31607M				EA	ANCHOR HELX GUY WIRE
D	CONDUIT, FIBERGLASS REINFORCED EPOXY (FRE)	31701	14			LINFT	CONDUIT FRE
D	CONDUIT, FIBERGLASS REINFORCED EPOXY (FRE)	31701M	14			METER	CONDUIT FRE
D	DUCT, BITUMINOUS FIBER W-C-581	31800				LINFT	DUCT BIT FIB W-C-581
D	DUCT, ASBESTOS CEMENT W-C-571	31801				LINFT	DUCT ASB CMT W-C-571
D	DUCT, PLASTIC W-C-1094	31802				LINFT	DUCT PLAST W-C-1094
D	DUCT, PLASTIC W-C-1094	31802M				METER	DUCT PLAST W-C-1094
	DUCT, 2 IN STEEL, DIRECT BURIAL	31818				LINFT	DUCT 2 STL DR BURIAL
	DUCT, 50MM STEEL, DIRECT BURIAL	31818M				METER	DUCT 50 STL DR BURL
	DUCT, 2 IN STEEL, JACKED	31819				LINFT	DUCT 2 STL JACKED
	DUCT, 50MM STEEL, JACKED	31819M				METER	DUCT 50 STL JACKED

SEQ: MATCODE

MATERIAL GROUP: 300 ELECTRICAL CABLE & CONDUIT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	DUCT, 4 IN STEEL, DIRECT BURIAL	31820				LINFT	DUCT 4 STL DR BURIAL
	DUCT, 100MM STEEL, DIRECT BURIAL	31820M				METER	DUCT 100 STL DR BURL
	DUCT, 4 IN STEEL, JACKED	31821				LINFT	DUCT 4 STL JACKED
	DUCT, 100MM STEEL, JACKED	31821M				METER	DUCT 100 STL JACKED

SEQ: MATCODE

MATERIAL GROUP: 330 LIGHT 7 SIGNAL COMPONENTS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	LIGHT & SIGNAL STANDARD UNITS COMPLETE	33001	22			EA	L & SIG STD UCMP
	LIGHT & SIGNAL STANDARD UNITS COMPLETE	33001M	22			EA	L & SIG STD UCMP
	LIGHT & SIGNAL STANDARD, ALUMINUM, UNITS COMPLETE	33002	22			EA	L & SIG STD AL UCMP
	LIGHT & SIGNAL STANDARD, ALUMINUM, UNITS COMPLETE	33002M	22			EA	L & SIG STD AL UCMP
	POLE, ALUMINUM	33101	19			PC	POLE AL
	POLE, ALUMINUM	33101M	19			EA	POLE AL
	POLE, FIBERGLASS	33111	19			PC	POLE FIBERGLASS
	POLE, FIBERGLASS	33111M	19			PC	POLE FIBERGLASS
	POLE, RUST RESISTANT STEEL	33201	19			PC	POLE RR STEEL
	POLE, RUST RESISTANT STEEL	33201M	19			EA	POLE RR STEEL
D	POLE, STAINLESS STEEL	33301	19			PC	POLE STASTL
D	POLE, STAINLESS STEEL	33301M	19			EA	POLE STASTL
D	POLE, WOOD CLASS 1	33401	19	23		PC	POLE WOOD CL1
D	POLE, WOOD CLASS 1	33401M	19	23		EA	POLE WOOD CL1
D	POLE, WOOD CLASS 2	33402	19	23		PC	POLE WOOD CL2
D	POLE, WOOD CLASS 2	33402M	19	23		EA	POLE WOOD CL2
	POLE, WOOD CLASS 3	33403	19	23		PC	POLE WOOD CL3
	POLE, WOOD CLASS 3	33403M	19	23		EA	POLE WOOD CL3
	POLE, WOOD CLASS 4	33404	19	23		PC	POLE WOOD CL4
	POLE, WOOD CLASS 4	33404M	19	23		EA	POLE WOOD CL4
	POLE, WOOD CLASS 5	33405	19	23		PC	POLE WOOD CL5
	POLE, WOOD CLASS 5	33405M	19	23		EA	POLE WOOD CL5
	TRAFFIC SIGNAL COMPONENTS	33501	22			EA	TRAFFIC SIGNAL COMP
	TRAFFIC SIGNAL COMPONENTS	33501M	22			EA	TRAFFIC SIGNAL COMP

SEQ: MATCODE

MATERIAL GROUP: 330 LIGHT 7 SIGNAL COMPONENTS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BASE, TRAFFIC CONTROL SIGNAL POST	33502				EA	BASE TRAFFIC CONTROL
	BASE, TRAFFIC CONTROL SIGNAL POST	33502M				EA	BASE TRAFFIC CONTROL
	BREAKWAY SUPPORTS, LIGHT POLES	33503				EA	BRKAWAY SUPRTS LTPOL
	BREAKWAY SUPPORTS, LIGHT POLES	33503M				EA	BRKAWAY SUPRTS LTPOL
	FOUNDATION, POLE, STEEL	33504				EA	FOUNDATION POLE STL
	FOUNDATION, POLE, STEEL	33504M				EA	FOUNDATION POLE STL
	LIGHTING COMPONENTS	33601	22			EA	LIGHTING COMP
	LIGHTING COMPONENTS	33601M	22			EA	LIGHTING COMP
	LIGHT, MIRL STAKE MOUNTED	33650				EA	LIGHT MIRL STK MTD
	LIGHT, MIRL STAKE MOUNTED	33650M				EA	LIGHT MIRL STK MTD
	LIGHT, MIRL BASE MOUNTED	33651				EA	LIGHT MIRL BASE MTD
	LIGHT, MIRL BASE MOUNTED	33651M				EA	LIGHT MIRL BASE MTD
	LIGHT, MITL STAKE MOUNTED	33652				EA	LIGHT MITL STK MTD
	LIGHT, MITL STAKE MOUNTED	33652M				EA	LIGHT MITL STK MTD
	LIGHT, MITL BASE MOUNTED	33653				EA	LIGHT MITL BASE MTD
	LIGHT, MITL BASE MOUNTED	33653M				EA	LIGHT MITL BASE MTD
	LIGHT, MI THRESHOLD STAKE MOUNTED	33654				EA	LIGHT, MI TH STK MTD
	LIGHT, MI THRESHOLD STAKE MOUNTED	33654M				EA	LIGHT, MI TH STK MTD
	LIGHT, MI THRESHOLD BASE MOUNTED	33655				EA	LIGHT MI TH BASE MTD
	LIGHT, MI THRESHOLD BASE MOUNTED	33655M				EA	LIGHT MI TH BASE MTD
	LIGHT, VASI-2	33656				EA	LIGHT VASI-2
	LIGHT, VASI-2	33656M				EA	LIGHT VASI-2
	LIGHT, VASI-4	33657				EA	LIGHT VASI-4
	LIGHT, VASI-4	33657M				EA	LIGHT VASI-4

SEQ: MATCODE

MATERIAL GROUP: 330 LIGHT 7 SIGNAL COMPONENTS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	LIGHT, VASI-6	33658				EA	LIGHT VASI-6
	LIGHT, VASI-6	33658M				EA	LIGHT VASI-6
	LIGHT, REILS	33659				EA	LIGHT REILS
	LIGHT, REILS	33659M				EA	LIGHT REILS
	LIGHT, HIRL QUARTZ	33660				EA	LIGHT HIRL QUARTZ
	LIGHT, HIRL QUARTZ	33660M				EA	LIGHT HIRL QUARTZ
	LIGHT, HITL BASE MOUNTED	33661				EA	LIGHT HITL BASE MTD
	LIGHT, HITL BASE MOUNTED	33661M				EA	LIGHT HITL BASE MTD
	LIGHT, THRESHOLD FLUSH MOUNTED	33662				EA	LIGHT TH FLUSH MTD
	LIGHT, THRESHOLD FLUSH MOUNTED	33662M				EA	LIGHT TH FLUSH MTD
	SPLICE CANS, ELECTRICAL	33663				EA	SPLICE CANS ELEC
	SPLICE CANS, ELECTRICAL	33663M				EA	SPLICE CANS ELEC
	POLE, LIGHT, DIV AERO, STEEL	33664	19			EA	POLE LIGHT AERO STL
	POLE, LIGHT, DIV AERO, STEEL	33664M	19			EA	POLE LIGHT AERO STL
	LIGHT, PAPI-2 (AERO)	33665				EA	LIGHT PAPI-2
	LIGHT, PAPI-2 (AERO)	33665M				EA	LIGHT PAPI-2
	LIGHT, PAPI-4 (AERO)	33666				EA	LIGHT PAPI-4
	LIGHT, PAPI-4 (AERO)	33666M				EA	LIGHT PAPI-4
	LIGHT, PAPI-6 (AERO)	33667				EA	LIGHT PAPI-6
	LIGHT, PAPI-6 (AERO)	33667M				EA	LIGHT PAPI-6
	LIGHT, PLASI (AERO)	33668				EA	LIGHT PLASI
	LIGHT, PLASI (AERO)	33668M				EA	LIGHT PLASI
	LIGHT,RUNWAY INPAVEMENT (AERO)	33669				EA	LIGHT RNWY INPVMT
	LIGHT,RUNWAY INPAVEMENT (AERO)	33669M				EA	LIGHT RNWY INPVMT

SEQ: MATCODE

MATERIAL GROUP: 330 LIGHT 7 SIGNAL COMPONENTS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	POLE, LIGHT, PRECAST PRESTRESSED CONCRETE	33701	19			EA	POLE LIGHT PP CONC
	POLE, LIGHT, PRECAST PRESTRESSED CONCRETE	33701M	19			EA	POLE LIGHT PP CONC
	SIGN, LIGHTED, TAXI, GUIDANCE (AERO)	33702				EA	SIGN LIGHT TAXI GUID
	LIGHT, RUNWAY GUARD (AERO)	33703				EA	LIGHT RUNWAY GUARD
	LIGHT, RUNWAY GUARD (AERO)	33703M				EA	LIGHT RUNWAY GUARD
	LIGHT, OBSTRUCTION (AERO)	33704				EA	LIGHT OBSTRUCTION
	LIGHT, OBSTRUCTION (AERO)	33704M				EA	LIGHT OBSTRUCTION
	PANEL, CONTROL, AIRPORT LIGHTING (AERO)	33705				EA	PANEL CNTL ARPT LITE
	PANEL, CONTROL, AIRPORT LIGHTING (AERO)	33705M				EA	PANEL CNTL ARPT LITE
	MONITOR, REGULATOR (AERO)	33706				EA	MONITOR REGULATOR
	MONITOR, REGULATOR (AERO)	33706M				EA	MONITOR REGULATOR
	TRANSFORMER, ISOLATION (AERO)	33707				EA	TRNSFRMER ISOLATION
	TRANSFORMER, ISOLATION (AERO)	33707M				EA	TRNSFRMER ISOLATION
	SWITCH, CIRCUIT SELECTOR (AERO)	33708				EA	SWITCH CIRCUIT SLCTR
	SWITCH, CIRCUIT SELECTOR (AERO)	33708M				EA	SWITCH CIRCUIT SLCTR
	CONTROL, RADIO (AERO)	33709				EA	CONTROL RADIO
	CONTROL, RADIO (AERO)	33709M				EA	CONTROL RADIO
	LIGHT, FLASHING, OMNI-DIRECTIONAL (AERO)	33710				EA	LIGHT FL OMNI DIRECT
	LIGHT, FLASHING, OMNI-DIRECTIONAL (AERO)	33710M				EA	LIGHT FL OMNI DIRECT
	LIGHT, RUNWAY, PORTABLE (AERO)	33711				EA	LIGHT RUNWAY PRTABLE
	LIGHT, RUNWAY, PORTABLE (AERO)	33711M				EA	LIGHT RUNWAY PRTABLE
	CONTROL-MONITORING SYSTEM, LIGHTING (AERO)	33712				EA	CNTL-MNTRNG SYS LITE
	CONTROL-MONITORING SYSTEM, LIGHTING (AERO)	33712M				EA	CNTL-MNTRNG SYS LITE
	LIGHTING SYSTEM, MEDIUM INTENSITY APPROACH (AERO)	33713				EA	MALSR

SEQ: MATCODE

MATERIAL GROUP: 330 LIGHT 7 SIGNAL COMPONENTS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	LIGHTING SYSTEM, MEDIUM INTENSITY APPROACH (AERO)	33713M				EA	MALSR
	ARRESTOR, LIGHTNING (AERO)	33714				EA	ARREST LIGHTNING
	ARRESTOR, LIGHTNING (AERO)	33714M				EA	ARREST LIGHTNING

SEQ: MATCODE

MATERIAL GROUP: 350 LUMBER AND TIMBER PRODUCTS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BRIDGE, PREFABRICATED WOOD, PEDESTRIAN	35001				EA	BRIDGE PF WOOD PED
D	BRIDGE, PREFABRICATED WOOD, PEDESTRIAN	35001M				EA	BRIDGE PF WOOD PED
	LUMBER OR TIMBER, UNTREATED	35101	90	19		FBM	LUM-TIM UNTR
	LUMBER OR TIMBER, UNTREATED	35101M	90	19		CU M	LUM-TIM UNTR
D	LUMBER OR TIMBER, REDWOOD, UNTREATED	35102	13X16	19		FBM	LUM-TIM RED UNTR
D	LUMBER OR TIMBER, REDWOOD, UNTREATED	35102M	13X16	19		CU M	LUM-TIM RED UNTR
D	LUMBER OR TIMBER, CREOSOTE TREATED	35103	13X16	19		FBM	LUM-TIM CREO TR
D	LUMBER OR TIMBER, CREOSOTE TREATED	35103M	13X16	19		CU M	LUM-TIM CREO TR
D	LUMBER OR TIMBER, PENTA TREATED	35104	13X16	19		FBM	LUM-TIM PENTA TR
D	LUMBER OR TIMBER, PENTA TREATED	35104M	13X16	19		CU M	LUM-TIM PENTA TR
D	LUMBER OR TIMBER, ACA TREATED	35105	13X16	19		FBM	LUM-TIM ACA TR
D	LUMBER OR TIMBER, ACA TREATED	35105M	13X16	19		CU M	LUM-TIM ACA TR
D	LUMBER OR TIMBER, CCA TREATED	35106	13X16	19		FBM	LUM-TIM CCA TR
D	LUMBER OR TIMBER, CCA TREATED	35106M	13X16	19		CU M	LUM-TIM CCA TR
D	LUMBER OR TIMBER, ACQ TREATED	35107	13X16	19		FBM	LUM-TIM ACQ TR
D	LUMBER OR TIMBER, ACQ TREATED	35107M	13X16	19		CU M	LUM-TIM ACQ TR
	LUMBER OR TIMBER, TREATED	35108	90	19		FBM	LUM-TIM TR
	LUMBER OR TIMBER, TREATED	35108M	90	19		CU M	LUM-TIM TR
D	POST, GUARD, BLR-7	35201	14	19	23	EA	POST G BLR7
D	POST, GUIDE, BLR-7	35202	14	19	23	EA	POST GD BLR7
D	TIES, CROSS, TREATED	35301	13X16	19		FBM	TIES CROSS TR
D	TIES, CROSS, TREATED	35301M	13X16	19		CU M	TIES CROSS TR
	TIES, SWITCH, TREATED	35302	90	19		FBM	TIES SWITCH TR
	TIES, SWITCH, TREATED	35302M	90	19		CU M	TIES SWITCH TR

SEQ: MATCODE

MATERIAL GROUP: 350 LUMBER AND TIMBER PRODUCTS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PLYWOOD	35401	16	89		SQFT	PLYWOOD
	PLYWOOD	35401M	16	89		SQ M	PLYWOOD
D	TIMBER, BRIDGE, NAIL LAMINATED	35500				SQFT	TIMBER BRIDGE NAILAM
D	TIMBER, BRIDGE, NAIL LAMINATED	35500M				SQ M	TIMBER BRIDGE NAILAM
D	TIMBER, BRIDGE, GLUED LAMINATED	35501				SQFT	TIMBER BRIDGE GLULAM
D	TIMBER, BRIDGE, GLUED LAMINATED	35501M				SQ M	TIMBER BRIDGE GLULAM
D	TIMBER, BRIDGE RAIL, GLUED LAMINATED	35502	11	13		LINFT	TIMBER BGRAIL GLULAM
D	TIMBER, BRIDGE RAIL, GLUED LAMINATED	35502M	11	13		METER	TIMBER BGRAIL GLULAM
D	TIMBER, PEDESTRIAN RAIL	35503	11	13		LINFT	TIMBER PEDESTRIAN RL
D	TIMBER, PEDESTRIAN RAIL	35503M	11	13		METER	TIMBER PEDESTRIAN RL
	WALL, TIMBER RETAINING	35511	22	16		SQFT	WALL TIMBER RETAIN
	WALL, TIMBER RETAINING	35511M	22	16		SQ M	WALL TIMBER RETAIN

SEQ: MATCODE

MATERIAL GROUP: 365 PILING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PILING, PRECAST CONCRETE	36601	13	19		LINFT	PILING PCONC
	PILING, PRECAST CONCRETE	36601M	13	19		METER	PILING PCONC
	PILING, PRESTRESSED PRECAST CONCRETE	36602	13	19		LINFT	PILING PPCONC
	PILING, PRESTRESSED PRECAST CONCRETE	36602M	13	19		METER	PILING PPCONC
D	PILING, STEEL H, AASHTO M183, PAINTED	36700	15	24	19	LINFT	PILING STLH PTD M183
D	PILING, STEEL H, AASHTO M183M, PAINTED	36700M	15	24	19	METER	PILING STLH PTDM183M
D	PILING, STEEL H, AASHTO M183	36701	15	24	19	LINFT	PILING STLH M183
D	PILING, STEEL H, AASHTO M183M	36701M	15	24	19	METER	PILING STLH M183M
D	PILING, STEEL H, AASHTO M183, GALV.	36702	15	24	19	LINFT	PILING STLH GV M183
D	PILING, STEEL H, AASHTO M183M, GALV.	36702M	15	24	19	METER	PILING STLH GV M183M
D	PILING, STEEL H, AASHTO M222	36703	15	24	19	LINFT	PILING STLH M222
D	PILING, STEEL H, AASHTO M222M	36703M	15	24	19	METER	PILING STLH M222M
D	PILING, STEEL H, AASHTO M223 GRADE 50	36704	15	24	19	LINFT	PILING STLH M223 G50
D	PILING, STEEL H, AASHTO M223M GRADE 345	36704M	15	24	19	METER	PILIN STLH M223MG345
	PILING, STEEL H, PAINTED	36705	15	24	19	LINFT	PILING STLH PTD M270
	PILING, STEEL H, PAINTED	36705M	15	24	19	METER	PILING STLH PTD M270
	PILING, STEEL H	36706	15	24	19	LINFT	PILING STLH M270
	PILING, STEEL H	36706M	15	24	19	METER	PILING STLH M270
D	PILING, STEEL SOLDIER (BEAM), AASHTO M183	36751	22			LINFT	PILIN STL SOLDR M183
D	PILING, STEEL SOLDIER (BEAM), AASHTO M183M	36751M	22			METER	PILIN ST SOLDR M183M
D	PILING, STEEL SOLDIER (BEAM), AASHTO M183, EPOXY	36752	22			LINFT	PILIN STLSOLDR183EPX
D	PILING, STEEL SOLDIER (BEAM), AASHTO M183M, EPOXY	36752M	22			METER	PILIN STLSLDR183MEPX
D	PILING, STEEL SOLDIER (BEAM), AASHTO M222	36753	22			LINFT	PILIN STL SOLDR M222
D	PILING, STEEL SOLDIER (BEAM), AASHTO M222M	36753M	22			METER	PILIN STL SLDRM222M

SEQ: MATCODE

MATERIAL GROUP: 365 PILING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PILING, STEEL SOLDIER (BEAM), ASTM A572-50, PAINTED	36754	22			LINFT	PILIN STLSDLRA572PNT
	PILING, STEEL SOLDIER (BEAM), ASTM A572-50, PAINTED	36754M	22			METER	PILIN STLSDLRA572PNT
	PILING, STEEL SOLDIER (BEAM), GRADE 36	36755	22	24		LINFT	PIL STL SOLD 36
	PILING, STEEL SOLDIER (BEAM), GRADE 36	36755M	22	24		METER	PIL STL SOLD 36
	PILING, STEEL SOLDIER (BEAM), GRADE 50	36756	22	24		LINFT	PIL STL SOLD 50
	PILING, STEEL SOLDIER (BEAM), GRADE 50	36756M	22	24		METER	PIL STL SOLD 50
	PILING, STEEL SHELL, ASTM A252, GRADE 2, CYLINDRICAL	36801	14	28	19	LINFT	PILING STLSHL 2CY
	PILING, STEEL SHELL, ASTM A252, GRADE 2, CYLINDRICAL	36801M	14	28	19	METER	PILING STLSHL 2CY
	PILING, STEEL SHELL, ASTM A252, GRADE 3, CYLINDRICAL	36802	14	28		LINFT	PILING STLSHL 3CY
	PILING, STEEL SHELL, ASTM A252, GRADE 3, CYLINDRICAL	36802M	14	28		METER	PILING STLSHL 3CY
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, TAPERED	36803	14	28		LINFT	PILING STLSHL 2TP
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, TAPERED	36803M	14	28		METER	PILING STLSHL 2TP
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, TAPERED	36804	14	28		LINFT	PILING STLSHL 3TP
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, TAPERED	36804M	14	28		METER	PILING STLSHL 3TP
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, STEP-TAPERED	36805	14	28		LINFT	PILING STLSHL 2STP
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, STEP-TAPERED	36805M	14	28		METER	PILING STLSHL 2STP
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, STEP-TAPERED	36806	14	28		LINFT	PILING STLSHL 3STP
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, STEP-TAPERED	36806M	14	28		METER	PILING STLSHL 3STP
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, CYLINDRICAL, GALV.	36807	14	28		LINFT	PILING STLSHL 2CYGV
D	PILING, STEEL SHELL, ASTM A252, GRADE 2, CYLINDRICAL, GALV.	36807M	14	28		METER	PILING STLSHL 2CYGV
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, CYLINDRICAL, GALV.	36808	14	28		LINFT	PILING STLSHL 3CYGV
D	PILING, STEEL SHELL, ASTM A252, GRADE 3, CYLINDRICAL, GALV.	36808M	14	28		METER	PILING STLSHL 3CYGV
D	PILING, STEEL SHELL, ASTM A500 GRADE B, SQUARE	36809	13			LINFT	PILING STLSHL SQ
D	PILING, STEEL SHELL, ASTM A500 GRADE B, SQUARE	36809M	13			METER	PILING STLSHL SQ

SEQ: MATCODE

MATERIAL GROUP: 365 PILING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PILING, STEEL SHELL, ASTM A500 GRADE B, ROUND	36810	14	28		LINFT	PILING STLSHL RND
D	PILING, STEEL SHELL, ASTM A500 GRADE B, ROUND	36810M	14	28		METER	PILING STLSHL RND
D	PILING, STEEL SHEET, ASTM A328, GALV.	36900	8	19		LINFT	PILING STSH GV A328
	PILING, STEEL SHEET, ASTM A328	36901	8	19		SQFT	PILING STSH A328
	PILING, STEEL SHEET, ASTM A328	36901M	8	19		SQ M	PILING STSH A328M
D	PILING, STEEL SHEET, AASHTO M223, GRADE 50	36902	8	19		SQFT	PILING STSH M223 G50
D	PILING, STEEL SHEET, AASHTO M223M, GRADE 345	36902M	8	19		SQ M	PILING STSH M223G345
D	PILING, STEEL SHEET, ASTM A328 GALV	36903	8	19		SQFT	PILING STSH GV A328
D	PILING, STEEL SHEET, ASTM A328M GALV	36903M	8	19		SQ M	PILING STSH GV A328M
D	PILING, STEEL SHEET, ASTM A690	36904	8	19		SQFT	PILING STSH A690
D	PILING, STEEL SHEET, ASTM A690M	36904M	8	19		SQ M	PILING STSH A690M
D	PILING, STEEL SHEET, AASHTO M223, GRADE 60	36905	8	19		SQFT	PILING STSH M223 G60
D	PILING, STEEL SHEET, AASHTO M223M, GRADE 415	36905M	8	19		SQ M	PILING STSHM223MG415
	PILING, STEEL SHEET, ASTM A572, GRADE 50	36906	8	19		SQFT	PILING STSH A572 G50
	PILING, STEEL SHEET, ASTM A572, GRADE 50	36906M	8	19		SQ M	PILING STSH A572 G50
D	PILING, TIMBER, UNTREATED	37001	19			LINFT	PILING TIM UNTR
D	PILING, TIMBER, UNTREATED	37001M	19			METER	PILING TIM UNTR
	PILING, TIMBER, TREATED	37002	19			LINFT	PILING TIM TR
	PILING, TIMBER, TREATED	37002M	19			METER	PILING TIM TR
	SPLICES, PILE, STEEL	37101	14			EA	SPLICE PILE STEEL
	SPLICES, PILE, STEEL	37101M	14			EA	SPLICE PILE STEEL
	SPLICES, PILE, STEEL H	37102	15			EA	SPLICE PILE STEEL H
	SPLICES, PILE, STEEL H	37102M	15			EA	SPLICE PILE STEEL H
	WELD, PILING SPLICE	37151				N/A	WELD PILING SPLICE

SEQ: MATCODE

MATERIAL GROUP: 365 PILING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	WELD, PILING SPLICE	37151M				NA	WELD PILING SPLICE
	MICROPILE, SYSTEM, GREATER THAN 2"	37152	14	30		EA	MICROPILE SYSTEM>2"
	MICROPILE, SYSTEM, GREATER THAN 2"	37152M	14	30		EA	MICROPILE SYSTEM>2"

SEQ: MATCODE

MATERIAL GROUP: 375 PORTLAND CEMENT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PORTLAND CEMENT, TYPE I	37601				CWT	PCEM TYI
	PORTLAND CEMENT, TYPE I	37601M				M TON	PCEM TYI
D	PORTLAND CEMENT, TYPE IA	37602				CWT	PCEM TYIA
D	PORTLAND CEMENT, TYPE IA	37602M				M TON	PCEM TYIA
	PORTLAND CEMENT, TYPE II	37603				CWT	PCEM TYII
	PORTLAND CEMENT, TYPE II	37603M				M TON	PCEM TYII
D	PORTLAND CEMENT, TYPE IIA	37604				CWT	PCEM TYPIIA
D	PORTLAND CEMENT, TYPE IIA	37604M				M TON	PCEM TYPIIA
	PORTLAND CEMENT, TYPE III	37605				CWT	PCEM TYIII
	PORTLAND CEMENT, TYPE III	37605M				M TON	PCEM TYIII
D	PORTLAND CEMENT, TYPE IIIA	37606				CWT	PCEM TYIIIA
D	PORTLAND CEMENT, TYPE IIIA	37606M				M TON	PCEM TYIIIA
D	PORTLAND CEMENT, TYPE IV	37607				CWT	PCEM TYIV
D	PORTLAND CEMENT, TYPE IV	37607M				M TON	PCEM TYIV
D	PORTLAND CEMENT, TYPE V	37608				CWT	PCEM TYV
D	PORTLAND CEMENT, TYPE V	37608M				M TON	PCEM TYV
	PORTLAND CEMENT, TYPE II (MH)	37609				CWT	PCEM TYII (MH)
	PORTLAND CEMENT, TYPE II (MH)	37609M				M TON	PCEM TYII (MH)
	PORTLAND CEMENT, BLAST FURNACE SLAG, TYPE IS	37701				CWT	PCEM BFS TYIS
	PORTLAND CEMENT, BLAST FURNACE SLAG, TYPE IS	37701M				M TON	PCEM BFS TYIS
D	PORTLAND CEMENT, BLAST FURNACE SLAG, TYPE ISA	37702				CWT	PCEM BFS TYISA
D	PORTLAND CEMENT, BLAST FURNACE SLAG, TYPE ISA	37702M				M TON	PCEM BFS TYISA
	PORTLAND CEMENT, POZZOLAN, TYPE IP	37703				CWT	PCEM POZ TYIP
	PORTLAND CEMENT, POZZOLAN, TYPE IP	37703M				M TON	PCEM POZ TYIP

SEQ: MATCODE

MATERIAL GROUP: 375 PORTLAND CEMENT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PORTLAND CEMENT, POZZOLAN, TYPE IPA	37704				CWT	PCEM POZ TYIPA
D	PORTLAND CEMENT, POZZOLAN, TYPE IPA	37704M				M TON	PCEM POZ TYIPA
D	EXPANSIVE CEMENT, TYPE K	37705				CWT	EXPANSIVE CEMENT TYK
D	EXPANSIVE CEMENT, TYPE K	37705M				M TON	EXPANSIVE CEMENT TYK
D	PORTLAND CEMENT, SLAG MODIFIED, TYPE I (SM)	37706				CWT	PCEM SLAGMOD TYISM
D	PORTLAND CEMENT, SLAG MODIFIED, TYPE I (SM)	37706M				M TON	PCEM SLAGMOD TYISM
D	PORTLAND CEMENT, POZZOLAN MODIFIED, TYPE I (PM)	37707				CWT	PCEM POZZMOD TYIPM
D	PORTLAND CEMENT, POZZOLAN MODIFIED, TYPE I (PM)	37707M				M TON	PCEM POZZMOD TYIPM
	PORTLAND CEMENT, LIMESTONE, TYPE IL	37708				CWT	PCEM LIME TYIL
	PORTLAND CEMENT, LIMESTONE, TYPE IL	37708M				M TON	PCEM LIME TYIL
D	FLYASH CLASS C CONDITIONED	37800				TONS	FLYASH CLC CONDITION
D	FLYASH CLASS C CONDITIONED	37800M				M TON	FLYASH CLC CONDITION
	FLYASH CLASS C	37801				CWT	FLYASH CLASS C
	FLYASH CLASS C	37801M				M TON	FLYASH CLASS C
	FLYASH CLASS F	37802				CWT	FLYASH CLASS F
	FLYASH CLASS F	37802M				M TON	FLYASH CLASS F
	HIGH REACTIVITY METAKAOLIN (HRM)	37803				LB	HIGH REACT METAK NRM
	HIGH REACTIVITY METAKAOLIN (HRM)	37803M				KG	HIGH REACT METAK HRM
	EXPANSIVE COMPONENT, TYPE K	37810				CWT	EXP COMP TYPE K
	EXPANSIVE COMPONENT, TYPE K	37810M				KG	EXP COMP TYPE K
D	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 80	37820				CWT	SLAG GGBF GR80
D	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 80	37820M				M TON	SLAG GGBF GR80
	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 100	37821				CWT	SLAG GGBF GR 100
	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 100	37821M				M TON	SLAG GGBF GR 100

SEQ: MATCODE

MATERIAL GROUP: 375 PORTLAND CEMENT

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 120	37822				CWT	SLAG GGBF GR 120
	SLAG, GROUND GRANULATED BLAST FURNACE, GRADE 120	37822M				M TON	SLAG GGBF GR 120
D	MICRO SILICA FUME	37851				GAL	MICRO SILICA FUME
	MICROSILICA	37852				LB	MICROSILICA
	MICROSILICA	37852M				KG	MICROSILICA
	CEMENT, RAPID HARDENING	37901				CWT	CEMENT R-H
	CEMENT, RAPID HARDENING	37901M				KG	CEMENT R-H
	CEMENT, CALCIUM ALUMINATE	37902				CWT	CEMENT CALCIUM ALUM
	CEMENT, CALCIUM ALUMINATE	37902M				KG	CEMENT CALCIUM ALUM

SEQ: MATCODE

MATERIAL GROUP: 380 WATERPROOFING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PLASTIC CEMENT FOR AREA MEMBRANE	38101				GAL	PL CEMT AREA MEM
D	PLASTIC CEMENT FOR AREA MEMBRANE	38101M				LITER	PL CEMT AREA MEM
	EMULSIFIED ASPHALT (ANIONIC) AWP EMULSION	38102				GAL	EMULSIFIED ASP WP
	EMULSIFIED ASPHALT (ANIONIC) AWP EMULSION	38102M				LITER	EMULSIFIED ASP WP
D	COAL-TAR PITCH, CTPWP (TYPE A)	38201				GAL	COAL-TAR P CTPWP TA
D	COAL-TAR PITCH, CTPWP (TYPE A)	38201M				LITER	COAL-TAR P CTPWP TA
D	COAL-TAR PITCH, CTPWP (TYPE B)	38202				GAL	COAL-TAR P CTPWP TB
D	COAL-TAR PITCH, CTPWP (TYPE B)	38202M				LITER	COAL-TAR P CTPWP TB
	COAL-TAR PITCH, EMULSION-SYSTEM I (CTPE)	38203				GAL	COAL-TAR P EMUL SYI
	COAL-TAR PITCH, EMULSION-SYSTEM I (CTPE)	38203M				LITER	COAL-TAR P EMUL SYI
D	COAL-TAR PITCH, EMULSION (R-355)	38204				GAL	COAL-TAR P EMUL R355
D	COAL-TAR PITCH, EMULSION (R-355)	38204M				LITER	COAL-TAR P EMUL R355
	COAL-TAR PITCH, EMULSION, AERONAUTICS	38205				GAL	COAL-TAR P EMUL AERO
	COAL-TAR PITCH, EMULSION, AERONAUTICS	38205M				LITER	COAL-TAR P EMUL AERO
D	ASPHALT PLANK	38301				SQFT	ASPHALT PLANK
D	ASPHALT PLANK	38301M				SQ M	ASPHALT PLANK
D	ASPHALTIC PANEL	38302				SQYD	ASPHALTIC PANEL
D	ASPHALTIC PANEL	38302M				SQ M	ASPHALTIC PANEL
D	SATURATED ROOFING FELT (ASPHALT)	38401				SQFT	SAT ROOFING FT ASP
D	SATURATED ROOFING FELT (ASPHALT)	38401M				SQ M	SAT ROOFING FT ASP
D	SATURATED ROOFING FELT (COAL-TAR)	38402				SQFT	SAT ROOFING FT C-T
D	SATURATED ROOFING FELT (COAL-TAR)	38402M				SQ M	SAT ROOFING FT C-T
D	FABRIC, TYPE A COTTON	38501				SQFT	FAB TYA COTTON
D	FABRIC, TYPE A COTTON	38501M				SQ M	FAB TYA COTTON

SEQ: MATCODE

MATERIAL GROUP: 380 WATERPROOFING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	FABRIC, TYPE B COTTON	38502				SQFT	FAB TYB COTTON
D	FABRIC, TYPE B COTTON	38502M				SQ M	FAB TYB COTTON
D	FABRIC, GLASS, ASPHALT	38503				SQFT	FABRIC GLASS ASPHALT
D	FABRIC, GLASS, ASPHALT	38503M				SQ M	FABRIC GLASS ASPHALT
D	FABRIC, GLASS, TAR	38504				SQFT	FABRIC GLASS TAR
D	FABRIC, GLASS, TAR	38504M				SQ M	FABRIC GLASS TAR
	FABRIC, RESIN, GLASS	38505				SQFT	FABRIC RESIN GLASS
	FABRIC, RESIN, GLASS	38505M				SQ M	FABRIC RESIN GLASS
D	FABRIC, ROADGLAS	38506				SQFT	FABRIC ROADGLAS
D	FABRIC, GLASGRID WOVEN	38507				SQFT	FABRIC, GLASGRID W
	BITUMINOUS ADHESIVE, FIBERGLASS FABRIC REPAIR SYSTEM	38508				LB	BIT ADHES FG FABREPS
	BITUMINOUS ADHESIVE, FIBERGLASS FABRIC REPAIR SYSTEM	38508M				KG	BIT ADHES FG FABREPS
	FABRIC, FIBERGLAS WOVEN	38509				SQYD	FABRIC FIBERGLAS WOV
	FABRIC, FIBERGLAS WOVEN	38509M				SQ M	FABRIC FIBERGLAS WOV
D	FABRIC, FIBERGLAS KNITTED GRID	38510				SQYD	FABRIC FG KNTD GRID
D	FABRIC, FIBERGLAS KNITTED GRID	38510M				SQ M	FABRIC FG KNTD GRID
D	FABRIC, FIBERGLAS NON-WOVEN	38511				SQYD	FABRIC FIBGLS NONWOV
D	FABRIC, FIBERGLAS NON-WOVEN	38511M				SQ M	FABRIC FIBGLS NONWOV
D	CREOSOTE PRIMER CPWP	38601				GAL	CREO PRIMER CPWP
D	CREOSOTE PRIMER CPWP	38601M				LITER	CREO PRIMER CPWP
	PENETRATING PRIMER - SYSTEM I	38602				GAL	PENTR PRIMER SYI
	PENETRATING PRIMER - SYSTEM I	38602M				LITER	PENTR PRIMER SYI
D	PRIMER SYSTEM II	38603				GAL	PRIMER SYII
D	MEMBRANE-PROTECTOR WRAP M400 SYSTEM II	38701				SQYD	MEM-PRO WR M400 SYII

SEQ: MATCODE

MATERIAL GROUP: 380 WATERPROOFING

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE-ROYSTON NO.10-SYSTEM II	38702				SQYD	MEM-ROY NO 10-SYII
D	MEMBRANE-ASBESTOS FIBER-SYSTEM III	38703				SQYD	MEM ASB FB-SYIII
	MEMBRANE,BUTYL RUBBER	38704				SQYD	MEM-BUTYL RUBBER
	MEMBRANE-BUTYL RUBBER	38704M				SQ M	MEM-BUTYL RUBBER
D	MEMBRANE-(BSP-9 SYSTEM II)	38705				SQYD	MEM-BSP9 SYII
	MEMBRANE,BITUTHENE RUBBERIZED ASPHALT	38706				SQYD	MEM-BIT RUBBER
	MEMBRANE-BITUTHENE RUBBERIZED ASPHALT	38706M				SQ M	MEM-BIT RUBBER
D	ROSPHALT 50	38707				LB	ROSPHALT 50
D	MEMBRANE-ROSPHALT SAND BITUMINOUS MIXTURE	38708				TONS	MEM-ROS SAND BIT MIX
D	MEMBRANE-POLYETHYLENE VLD	38709				SQYD	MEM-PE VLD
D	MEMBRANE-POLYETHYLENE VLD	38709M				SQ M	MEM-PE VLD
D	MEMBRANE-POLYETHYLENE MD	38710				SQYD	MEM-PE MD
D	MEMBRANE-POLYETHYLENE MD	38710M				SQ M	MEM-PE MD
	MEMBRANE-GEOTEXTILE VISCOELASTIC COMPOSITE, SYSTEM D	38711				SQYD	MEM-COMP GEO VISCO
	MEMBRANE-GEOTEXTILE VISCOELASTIC COMPOSITE, SYSTEM D	38711M				SQ M	MEM-COMP GEO VISCO
	MEMBRANE, WATERPROOFING SYSTEM	38712				SQYD	MEM WATERPROOF SYS
	ASPHALT, GRADE AWP, TYPE I	38801				TONS	ASPHALT GR AWP TYI
	ASPHALT, GRADE AWP, TYPE I	38801M				M TON	ASPHALT GR AWP TYI
	ASPHALT, GRADE AWP, TYPE II	38802				TONS	ASPHALT GR AWP TYII
	ASPHALT, GRADE AWP, TYPE II	38802M				M TON	ASPHALT GR AWP TYII
D	ASPHALT RUBBER, SYSTEM C, MIX 1	38803				GAL	ASPH-RUB SY C MIX 1
D	ASPHALT RUBBER, SYSTEM C, MIX 1	38803M				LITER	ASPH-RUB SY C MIX 1
D	ASPHALT RUBBER, SYSTEM C, MIX 2	38804				GAL	ASPH-RUB SY C MIX 2
D	ASPHALT RUBBER, SYSTEM C, MIX 2	38804M				LITER	ASPH-RUB SY C MIX 2

SEQ: MATCODE

MATERIAL GROUP: 380 WATERPROOFING

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	RUBBER, BITUMINOUS MIXTURE ADDITIVE	38899				TONS	RUBBER BIT MIX ADDIT
D	SEALANT, POLYURETHANE, SYSTEM III	38901				GAL	SEALANT POLYU SYIII
D	MASTIC, SYSTEM II	38902				GAL	MASTIC SYII
D	PROTECTIVE LAYER, ASPHALT SAND, SYSTEM I	38903				TONS	PROT LY ASP SYI
D	ASPHALT ASBESTOS MIX SYSTEM III	38904				TONS	ASP-ASB MIX SYIII
D	ADHESIVE, BONDING, MEM-BUT-RUBBER	38905				GAL	ADHESIVE BONDING MBR
D	ADHESIVE, BONDING, MEM-BUT-RUBBER	38905M				LITER	ADHESIVE BONDING MBR
	CEMENT, SPLICING, MEM-BUT-RUBBER	38906				GAL	CEMENT SPLICING MBR
	CEMENT, SPLICING, MEM-BUT-RUBBER	38906M				LITER	CEMENT SPLICING MBR
D	MEMBRANE-POLYETHYLENE MD	39810				SQYD	MEM-PE MD

SEQ: MATCODE

MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ENAMEL, ORANGE EQUIPMENT (M14)	40101				GAL	ENAMEL OR EQUIP M14
D	ENAMEL, ORANGE EQUIPMENT (M14)	40101M				LITER	ENAMEL OR EQUIP M14
D	ENAMEL, RED SIGN, AIR DRY (M102)	40102				GAL	ENAMEL REDSN ADRM102
D	ENAMEL, RED SIGN, AIR DRY (M102)	40102M				LITER	ENAMEL REDSN ADRM102
D	ENAMEL, YELLOW SIGN, AIR DRY (M102)	40103				GAL	ENAMEL YLSN ADRM102
D	ENAMEL, YELLOW SIGN, AIR DRY (M102)	40103M				LITER	ENAMEL YLSN ADRM102
D	ENAMEL, WHITE SIGN, AIR DRY (M102)	40104				GAL	ENAMEL WHSN ADRM102
D	ENAMEL, WHITE SIGN, AIR DRY (M102)	40104M				LITER	ENAMEL WHSN ADRM102
D	ENAMEL, BLACK SIGN, AIR DRY (M102)	40105				GAL	ENAMEL BLKSN ADRM102
D	ENAMEL, BLACK SIGN, AIR DRY (M102)	40105M				LITER	ENAMEL BLKSN ADRM102
D	ENAMEL, RED SIGN, BAKING (M93)	40106				GAL	ENAMEL RED SN BKM93
D	ENAMEL, YELLOW SIGN, BAKING (M93)	40107				GAL	ENAMEL YLSN BK M93
D	ENAMEL, WHITE SIGN, BAKING (M93)	40108				GAL	ENAMEL WHSN BKM93
D	ENAMEL, BLACK SIGN, BAKING (M93)	40109				GAL	ENAMEL BLKSN BKM93
D	ENAMEL, LIGHT GREEN SGL (TTE-529 CLASS A-COLOR 24533)	40110				GAL	ENAMEL LG SGL
D	ENAMEL, LIGHT GREEN SGL (TTE-529 CLASS A-COLOR 24533)	40110M				LITER	ENAMEL LG SGL
D	ENAMEL, CREAM SGL (TTE-529 CLASS A-COLOR 23717)	40111				GAL	ENAMEL CR SGL
D	ENAMEL, CREAM SGL (TTE-529 CLASS A-COLOR 23717)	40111M				LITER	ENAMEL CR SGL
D	ENAMEL, BATTLESHIP GRAY, SGL (TTE-529 CLASS A-COLOR 26307)	40112				GAL	ENAMEL BSHGRAY SGL
D	ENAMEL, BATTLESHIP GRAY, SGL (TTE-529 CLASS A-COLOR 26307)	40112M				LITER	ENAMEL BSHGRAY SGL
D	ENAMEL, DOVE GRAY, LUSTERLESS (TTE-527, COLOR 36231)	40113				GAL	ENAMEL DVGRAY LUSTL
D	ENAMEL, DOVE GRAY, LUSTERLESS (TTE-527, COLOR 36231)	40113M				LITER	ENAMEL DVGRAY LUSTL
D	ENAMEL, BATTLESHIP GRAY, FLRDK (TTE-487, COLOR 16187)	40114				GAL	ENAMEL BSHGRAY FLRDK
D	ENAMEL, BATTLESHIP GRAY, FLRDK (TTE-487, COLOR 16187)	40114M				LITER	ENAMEL BSHGRAY FLRDK

SEQ: MATCODE

MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ENAMEL, ROADSIDE TABLE (TTE-487 COLOR 30117) (STD 595A)	40115				GAL	ENAMEL RDSIDE TABLE
D	ENAMEL, ROADSIDE TABLE (TTE-487 COLOR 30117) (STD 595A)	40115M				LITER	ENAMEL RDSIDE TABLE
D	ENAMEL, GREEN FLRDK (TTE-487, COLOR KYANIZE #233 PATIO)	40116				GAL	ENAMEL GN FLRDK
D	ENAMEL, GREEN FLRDK (TTE-487, COLOR KYANIZE #233 PATIO)	40116M				LITER	ENAMEL GN FLRDK
D	ENAMEL, BATTLESHIP GRAY, FLAT (TT-P 30 D-COLOR 26307)	40117				GAL	ENAMEL BSHGRAY FLAT
D	ENAMEL, BATTLESHIP GRAY, FLAT (TT-P 30 D-COLOR 26307)	40117M				LITER	ENAMEL BSHGRAY FLAT
D	ENAMEL, GREEN, SEMI-GLOSS ALKYD EXTERIOR	40118				GAL	ENAMEL GN SG EX
D	ENAMEL, BATTLESHIP GRAY, SEMI-GLOSS ALKYD EXTERIOR	40119				GAL	ENAMEL BSHGRAY SG EX
D	ENAMEL, BLACK NON-SKID MILW-5044	40120				GAL	ENAMEL BLK W-5044
D	ENAMEL, BLACK NON-SKID MILW-5044	40120M				LITER	ENAMEL BLK W-5044
D	ENAMEL, GREEN (TTE-489 COLOR 14062)	40121				GAL	ENAMEL GREEN TTE489
D	ENAMEL, GREEN (TTE-489 COLOR 14062)	40121M				LITER	ENAMEL GREEN TTE489
D	ENAMEL, T653	40122				GAL	ENAMEL TS T653
D	PAINT, BASIC LEAD SICRO, SI ALK TOP COAT	40200	37			GAL	PAINT PASICRO SATC
D	PAINT, ZINC CHROMATE PRIMER (M97)	40201				GAL	PAINT ZNCRO PR M97
D	PAINT, RED LEAD PRIMER (AASHTO M72, TYPE II)	40202				GAL	PAINT REDPB PR M72T2
D	PAINT, BASIC LEAD SI CRO, DULL ORANGE PRIMER (ART 712.28A)	40203				GAL	PAINT PBSICRO OR PR
D	PAINT, RED PRIMER, ZINC HYDROXY PHOSPHITE	40204				GAL	PAINT REDPR ZNHYPHO
D	PAINT, RED PRIMER, CALCIUM BORO SILICATE	40205				GAL	PAINT REDPR CABOROSI
D	PAINT, PRIMER, RED OXIDE, ZINC CHROMATE	40206				GAL	PAINT PR REDOX ZNCRO
D	PAINT, PRIMER, ZINC MOLYBDATE (TTP645B)	40207				GAL	PAINT PR ZN MOLYBDAT
D	PAINT, PRIMER, ZINC MOLYBDATE (TTP645B)	40207M				LITER	PAINT PR ZN MOLYBDAT
D	PAINT, BLACK-BRIDGE (AASHTO M68)	40301				GAL	PAINT BLK BR
D	PAINT, BLACK GRAPHITE (ART 712.25)	40302				GAL	PAINT BLKGP

SEQ: MATCODE

MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, BLACK GRAPHITE (ART 708.21)	40302M				LITER	PAINT BLKGP
D	PAINT, BASIC LEAD SI CRO, MAROON (ART 712.28B)	40303				GAL	PAINT PBSICRO MRN
D	PAINT, BASIC LEAD SI CRO, GREEN (ART 712.28C)	40304				GAL	PAINT PBSICRO GN
D	PAINT, ALUMINUM, NON-LEAFING (ART 712.24)	40305				GAL	PAINT AL N-LF
D	PAINT, ALUMINUM, NON-LEAFING (ART 708.20)	40305M				LITER	PAINT AL N-LF
D	PAINT, ALUMINUM, LEAFING (ART 712.23)	40306				GAL	PAINT AL LF
D	PAINT, ALUMINUM, LEAFING (ART 708.19)	40306M				LITER	PAINT AL LF
D	PAINT, WHITE TITANIUM (AASHTO M70, TYPE I CLASS C)	40307				GAL	PAINT WH TI TYI CLC
D	PAINT, WHITE TITANIUM (AASHTO M70, TYPE I CLASS C)	40307M				LITER	PAINT WH TI TYI CLC
D	PAINT, BASIC LEAD SI CRO, BLUE (2ND FIELD FINISH)	40308				GAL	PAINT PBSICRO BL
D	PAINT, ZINC SILICATE (ART 712.26)	40309				GAL	PAINT ZINC SILICATE
D	PAINT, CARBON BLACK	40310				GAL	PAINT CARBON BLACK
D	PAINT, BASIC LEAD SI CRO, GREEN (ART. 712.28C) SILICONE	40311				GAL	PAINT PBSICRO GN SIL
D	PAINT, BASIC LEAD SI CRO, TOBACCO BROWN	40312				GAL	PAINT PBSICRO TOB BR
D	PAINT, BASIC LEAD SI CRO, AZTEC GOLD	40313				GAL	PAINT PBSICRO AZTEC
D	ENAMEL, BLACK NON-SKID MILW-5044A	40314				GAL	ENAMEL BLK W-5044A
D	PAINT, BASIC LEAD SI CRO, BROWN (ART. 712.28C) SILICONE	40315				GAL	PAINT PBSICRO BR SIL
D	PAINT, BASIC LEAD SI CRO, ALUMINUM	40316				GAL	PAINT PBSICRO AL
D	PAINT, BASIC LEAD SI CRO, BROWN (ALKYD TT-R-266)	40317				GAL	PAINT PBSICRO BR 266
D	PAINT, BASIC LEAD SI CRO, FINISH COAT, BRIGHT GREEN	40318				GAL	PAINT PBSICRO BGTGN
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, GREEN (24201)	40319				GAL	PAINT PBSICRO SATCG
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, BROWN (30117)	40320				GAL	PAINT PBSICRO SATCB
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, GOLD BROWN(30266)	40321				GAL	PAINT PBSICRO SATCGB
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, MEDIUM YL (33434)	40322				GAL	PAINT PBSICRO SATCMY

SEQ: MATCODE

MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, GREEN YL (33481)	40323				GAL	PAINT PBSICRO SATCGY
D	PAINT, BASIC LEAD SI CRO, SI ALK TOP COAT, GRAY (26314)	40324				GAL	PAINT PBSICRO SATCGR
D	PAINT, BASIC LEAD SI CRO, SI ALK SECOND COAT, GREY (16440)	40325				GAL	PAINT PPSICRO SASCGY
D	WATER REDUCING ADMIXTURE, TYPEA, PRO-KRETE-N	40326				GAL	WAREDU AD TYPEA PRON
D	PAINT, ACRYLIC, LATEX, WHITE	40327				GAL	PAINT ACR-LATEX WH
D	PAINT, ACRYLIC, LATEX, LIME YELLOW	40328				GAL	PAINT ACR-LATEX LIYL
D	PAINT, PRIME COAT LATEX, INTERIOR WHITE - TTP 650	40329				GAL	PAINT PRIME LATEX WH
D	PAINT, PRIME COAT LATEX, INTERIOR WHITE - TTP 650	40329M				LITER	PAINT PRIME LATEX WH
D	PAINT, BASIC LEAD SI CRO, GUARDRAIL, BROWN	40330				GAL	PAINT PBSICRO GR BR
D	PAINT, BASIC LEAD SI CRO, YELLOW (2ND FIELD FINISH)	40331				GAL	PAINT PBSICRO YL 2FF
D	PAINT, BASIC LEAD SICRO, SI ALK TOP COAT, DEEP ORANGE (ISCCNB551)	40332				GAL	PAINT PBSICRO SATCDO
D	PAINT, HIGH BUILD, VINYL GREEN BRIDGE (ART 712.26)	40333				GAL	PAINT HB VINYL GR BR
D	PAINT, ENAMEL VINYL GREEN BRIDGE (ART 712.26)	40334				GAL	PAINT EN VINYL GR BR
D	PAINT, BASIC LEAD SICRO, FINISH COAT ORANGE	40335				GAL	PAINT PBSICRO FCORG
D	PAINT, HIGHBUILD VINYL, BROWN BRIDGE	40336				GAL	PAINT HB VINYL BR BR
D	PAINT, ENAMEL VINYL BROWN BRIDGE	40337				GAL	PAINT ENVINYL BR BR
D	PAINT, HIGH BUILD, VINYL MAROON BRIDGE	40338				GAL	PAINT HB VINYL MR BR
D	PAINT, ENAMEL VINYL MAROON BRIDGE	40339				GAL	PAINT EN VINYL MR BR
D	PAINT, HIGH BUILD VINYL, BLUE 595A-25488	40340				GAL	PAINT HB VIN BLUE
D	PAINT, VINYL ENAMEL BLUE 595A-25488	40341				GAL	PAINT VIN ENAM BLUE
D	PAINT, HIGH BUILD, VINYL, BAYBERRY GREEN	40342				GAL	PAINT HB VIN BBRY GR
D	PAINT, VINYL ENAMEL, BAYBERRY GREEN	40343				GAL	PAINT VIN ENM BBRYGR
D	PAINT, HIGH BUILD, VINYL STRONG BROWN	40344				GAL	PAINT HB VIN STR BR
D	PAINT, ENAMEL VINYL STRONG BROWN	40345				GAL	PAINT EN VIN STR BRN

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MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, HIGH BUILD, POLYURETHANE, TOPCOAT	40346				GAL	PAINT HB PLYURTH TC
D	PAINT, ENAMEL, VINYL BROWN 30117	40347				GAL	PAINT ENVIN BR30117
D	PAINT, ENAMEL, HIGH BUILD, VINYL BROWN 30117	40348				GAL	PAINT HBENVIN B30117
D	PAINT, HIGH BUILD VINYL GREY 26493	40349				GAL	PAINT HBVIN GR 26493
D	PAINT, HIGH BUILD, VINYL WHITE	40350				GAL	PAINT HB VIN WHITE
D	PAINT, ENAMEL VINYL ALUMINUM	40351				GAL	PAINT EN VINYL ALUM
D	PAINT, HIGH BUILD, VINYL, ALUMINUM	40352				GAL	PAINT HB VINYL ALUM
D	PAINT, ENAMEL, VINYL MAROON (ART. 712.26)	40353				GAL	PAINT EN VINYL MARN
D	PAINT, GREEN BRIDGE, CALCIUM BORO SILICATE	40354				GAL	PAINT GRBRG CABORO51
D	PAINT, GREEN BRIDGE, ZINC HYDROXY PHOSPHITE	40355				GAL	PAINT GRBRG ZNHYPHO
D	PAINT, BROWN BRIDGE (SSPC-21,T1)	40356				GAL	PAINT BWN BR
D	PAINT, INTERSTATE GREEN BRIDGE (SSPC-21,T1)	40357				GAL	PAINT IST GRN BR
D	PAINT, BASIC LEAD SI CRO, CITY OF CHICAGO, GREY (16440)	40358				GAL	PAINT BLSICRO CHIGRY
D	PAINT, ENAMEL, VINYL YELLOW 33434	40359				GAL	PAINT ENVIN YEL33434
D	PAINT, BASIC LEAD SI CRO, CITY OF CHICAGO, BROWN (10091)	40360				GAL	PAINT BLSICRO CHIBRN
D	PAINT, HIGH BUILD, VINYL BROWN 20313	40361				GAL	PAINT HBVIN BWN20313
D	PAINT, ENAMEL, VINYL BROWN 20313	40362				GAL	PAINT ENVIN BRN20313
D	PAINT, YELLOW BRIDGE (SSPC-21) 33434	40363				GAL	PAINT YL BRG 33434
D	PAINT, HIGH BUILD VINYL, CITY OF CHICAGO, GREY (16440)	40364				GAL	PAINT HBVIN CHIGRY
D	PAINT, HIGH BUILD VINYL, CITY OF CHICAGO, GREY (16440)	40364M				LITER	PAINT HBVIN CHIGRY
D	PAINT, ENAMEL, VINYL, CITY OF CHICAGO, GREY (16440)	40365				GAL	PAINT ENVIN GRY16440
D	PAINT, ENAMEL, VINYL, CITY OF CHICAGO, GREY (16440)	40365M				LITER	PAINT ENVIN GRY16440
D	PAINT, GREY FINISH, (SSPC-21) (16440)	40366				GAL	PAINT GREY FIN 16440
D	PAINT, ENAMEL, STRONG BROWN VINYL ISCC-NB5 55.5BR	40367				GAL	PAINT, EN STNG BRN

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, HIGH BUILD VINYL, BLACK	40368				GAL	PAINT HBVIN BLACK
D	PAINT, ENAMEL, VINYL BLACK	40369				GAL	PAINT ENVIN BLACK
D	PAINT, HIGH BUILD VINYL, OTTAWA BROWN	40370				GAL	PAINT HBVIN OTWA BRN
D	PAINT, ENAMEL, VINYL OTTAWA BROWN	40371				GAL	PAINT ENVIN OTWA BRN
D	PAINT, CURB MARKING WHITE (M106)	40401				GAL	PAINT CURBMK WH
D	PAINT, CURB MARKING WHITE (M106)	40401M				LITER	PAINT CURBMK WH
D	PAINT, CURB MARKING YELLOW (M45)	40402				GAL	PAINT CURBMK YL
D	PAINT, CURB MARKING YELLOW (M45)	40402M				LITER	PAINT CURBMK YL
D	PAINT, PAVEMENT MARKING, WHITE (M91)	40403				GAL	PAINT PVTMK 91 WH
D	PAINT, PAVEMENT MARKING, YELLOW (M90)	40404				GAL	PAINT PVTMK 90 YL
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M111) CL RUBBER	40405				GAL	PAINT PVTMK 111 CLBL
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M110) CL RUBBER	40406				GAL	PAINT PVTMK 110 CLBL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M109) CL RUBBER	40407				GAL	PAINT PVTMK 109 CLYL
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M115)	40408				GAL	PAINT PVTMK FDBLK
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M114)	40409				GAL	PAINT PVTMK FDWH
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M113)	40410				GAL	PAINT PVTMK FDYL
D	PAINT, ZINC SILICATE	40411				GAL	PAINT ZINC SILICATE
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M116)	40412				GAL	PAINT PVTMK FDBLK
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M116)	40413				GAL	PAINT PVTMK FDWH
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M116)	40414				GAL	PAINT PVTMK FDYL
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (TTP115)	40415				GAL	PAINT PVTMK FDWH
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M119)	40416				GAL	PAINT PVTMK FDBLK
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M119)	40416M				LITER	PAINT PVTMK FDBLK
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M119)	40417				GAL	PAINT PVTMK FDWH

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M119)	40418				GAL	PAINT PVTMK FDYL
D	PAINT, PAVEMENT MARKING, FAST DRY, BLACK (M118) CL RUBBER	40419				GAL	PAINT PVTMK FDBLK CL
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M118) CL RUBBER	40420				GAL	PAINT PVTMK FDWH CL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M118) CL RUBBER	40421				GAL	PAINT PVTMK FDYL CL
D	PAINT, PAVEMENT MARKING, WHITE (M117)	40422				GAL	PAINT PVTMK 117 WH
D	PAINT, PAVEMENT MARKING, YELLOW (M117)	40423				GAL	PAINT PVTMK 117 YL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (TTP-115)	40424				GAL	PAINT PVTMK FDYL
	PAINT, REFLECTORIZED TRAFFIC, AIRFIELD (TT-P-85) YELLOW	40425				GAL	PAINT AIRFLD REFL YL
	PAINT, REFLECTORIZED TRAFFIC, AIRFIELD (TT-P-85) YELLOW	40425M				LITER	PAINT AIRFLD REFL YL
	PAINT, REFLECTORIZED TRAFFIC, AIRFIELD (TT-P-85) WHITE	40426				GAL	PAINT AIRFLD REFL WH
	PAINT, REFLECTORIZED TRAFFIC, AIRFIELD (TT-P-85) WHITE	40426M				LITER	PAINT AIRFLD REFL WH
D	PAINT, BASIC LEAD SI CRO AZTEC GOLD	40427				GAL	PAINT PBSICRO AZTEC
D	PAINT, BLACK TRAFFIC (TTP-110B)	40428				GAL	PAINT BLKTR TTP-110B
D	PAINT, BLACK, NON-SKID, ENAMEL	40429				GAL	PAINT BLK N-SKID EN
D	PAINT, VINYL EPOXY	40430				GAL	PAINT VINYL EPOXY
	PAINT, PAVEMENT MARKING, EPOXY, WHITE	40431				GAL	PAINT PVTMK EPOXY WH
	PAINT, PAVEMENT MARKING, EPOXY, WHITE	40431M				LITER	PAINT PVTMK EPOXY WH
D	PAINT, PAVEMENT MARKING, EPOXY, YELLOW	40432				GAL	PAINT PVTMK EPOXY YL
D	PAINT, PAVEMENT MARKING, EPOXY, YELLOW	40432M				LITER	PAINT PVTMK EPOXY YL
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M 123) CL RUBBER	40433				GAL	PAINT PVTMK 123WH CL
D	PAINT, PAVEMENT MARKING, FAST DRY, WHITE (M 123) CL RUBBER	40433M				LITER	PAINT PVTMK 123WH CL
D	PAINT, ENAMEL GREEN BRIDGE	404334				GAL	PAINT ENVINYL GR BR
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M 123)	40434				GAL	PAINT PVTMK 123YL CL
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M 123)	40434M				LITER	PAINT PVTMK 123YL CL

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, PAVEMENT MARKING, WHITE (M 122)	40435				GAL	PAINT PVTMK 122 WH
D	PAINT, PAVEMENT MARKING, WHITE (M 122)	40435M				LITER	PAINT PVTMK 122 WH
D	PAINT, PAVEMENT MARKING, YELLOW (M 122)	40436				GAL	PAINT PVTMK 122 YL
D	PAINT, PAVEMENT MARKING, YELLOW (M 122)	40436M				LITER	PAINT PVTMK 122 YL
D	PAINT, ROAD MARKING AEROSOL	40437				N/A	PAINT RDMARK AEROSOL
D	PAINT, ROAD MARKING AEROSOL	40437M				NA	PAINT RDMARK AEROSOL
D	PAINT, HIGH BUILD, VINYL GREEN BRIDGE	40438				GAL	PAINT AB VINYL GR BR
D	PAINT, PAVEMENT MARKING, POLYSESTER WHITE	40439				GAL	PAINT PVTMK PLEST WH
D	PAINT, PAVEMENT MAKING, POLYESTER YELLOW	40440				GAL	PAINT PVTMK PLEST YL
D	PAINT, ENAMEL VINYL GREEN BRIDGE	40441				GAL	PAINT ENVINYL GR BR
D	PAINT,LATEX,TRAFFIC AND AIRFIELD MARKING,WHITE TT-P-1952	40442				GAL	PAINT LX T&AFMK WH
D	PAINT,LATEX,TRAFFIC AND AIRFIELD MARKING,WHITE TT-P-1952	40442M				LITER	PAINT LX T&AFMK WH
D	PAINT, LATEX TRAFFIC & AIRFIELD MARKING, YELLOW TT-P-1952	40443				GAL	PAINT LX T&AF MK YL
D	PAINT, LATEX TRAFFIC & AIRFIELD MARKING, YELLOW TT-P-1952	40443M				LITER	PAINT LX T&AF MK YL
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, WHITE	40444				GAL	PAINT PVTMK ACLX WH
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, WHITE	40444M				LITER	PAINT PVTMK ACLX WH
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, YELLOW	40445				GAL	PAINT PVTMK ACLX YL
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, YELLOW	40445M				LITER	PAINT PVTMK ACLX YL
D	PAINT, PAVEMENT MARKING, CHLORINATED POLYOLEFIN TYPE, WHITE	40446				GAL	PAINT PVTMK CLPO WH
D	PAINT, PAVEMENT MARKING, CHLORINATED POLYOLEFIN TYPE, WHITE	40446M				LITER	PAINT PVTMK CLPO WH
D	PAINT, PAVEMENT MARKING, CHLORINATED POLYOLEFIN TYPE, YELLOW	40447				GAL	PAINT PVTMK CLPOYL
D	PAINT, PAVEMENT MARKING, CHLORINATED POLYOLEFIN TYPE, YELLOW	40447M				LITER	PAINT PVTMK CLPOYL
D	PAINT,PAVEMENT MARKING,ACRYLIC COPOLYMER,WHITE	40448				GAL	PNT PVMK ACRCOPLY WH
D	PAINT,PAVEMENT MARKING,ACRYLIC COPOLYMER,WHITE	40448M				LITER	PNT PVMK ACRCOPLY WH

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, PAVEMENT MARKING, ACRYLIC COPOLYMER, YELLOW	40449				GAL	PNT PVMK ACRCOPLY YL
D	PAINT, PAVEMENT MARKING, ACRYLIC COPOLYMER, YELLOW	40449M				LITER	PNT PVMK ACRCOPLY YL
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, BLACK	40450				GAL	PAINT PVTMK ACLX BLK
	PAINT, PAVEMENT MARKING, ACRYLIC, LATEX, BLACK	40450M				LITER	PAINT PVTMK ACLX BLK
	PAINT, PAVEMENT MARKING, EPOXY, BLACK	40451				GAL	PAINT PVTMK EPOX BLK
	PAINT, PAVEMENT MARKING, EPOXY, BLACK	40451M				LITER	PAINT PVTMK EPOX BLK
	PAINT, PAVEMENT MARKING, EPOXY, POLYUREA WHITE	40452				GAL	PAINT PVTMK EP PL WH
	PAINT, PAVEMENT MARKING, EPOXY, POLYUREA WHITE	40452M				LITER	PAINT PVTMK EP PL WH
	PAINT, PAVEMENT MARKING, EPOXY, POLYUREA YELLOW	40453				GAL	PAINT PVTMK EP PL YL
	PAINT, PAVEMENT MARKING, EPOXY, POLYUREA YELLOW	40453M				LITER	PAINT PVTMK EP PL YL
D	PAINT, PAVEMENT MARKING, BLACK A-A-2886	40454				GAL	PAINT PVTMK BLK 2886
	PAINT, LATEX, TRAFFIC AND AIRFIELD MARKING, RED TT-P-1952	40455				GAL	PAINT LX T&AFMK RD
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M 123), PB FREE	40456				GAL	PAINT PVT 123YL NOPB
D	PAINT, PAVEMENT MARKING, FAST DRY, YELLOW (M 123), PB FREE	40456M				LITER	PAINT PVT 123YL NOPB
	PAINT, PAVEMENT MARKING, EPOXY, YELLOW, PB FREE	40457				GAL	PAINT PVT EP YL NOPB
	PAINT, PAVEMENT MARKING, EPOXY, YELLOW, PB FREE	40457M				LITER	PAINT PVT EP YL NOPB
	PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, WHITE	40458				GAL	PAINT PVTMK MD EP WH
	PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, WHITE	40458M				LITER	PAINT PVTMK MD EP WH
	PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, YELLOW	40459				GAL	PAINT PVTMK MD EP YL
	PAINT, PAVEMENT MARKING, MODIFIED URETHANE EPOXY, YELLOW	40459M				LITER	PAINT PVTMK MD EP YL
	PAINT, PAVEMENT MARKING, WHITE A-A-2886	40460				GAL	PAINT PVTMK WH 2886
	PAINT, PAVEMENT MARKING, WHITE A-A-2886	40460M				LITER	PAINT PVTMK WH 2886
	PAINT, PAVEMENT MARKING, YELLOW A-A-2886	40461				GAL	PAINT PVTMK YL 2886
	PAINT, PAVEMENT MARKING, YELLOW A-A-2886	40461M				LITER	PAINT PVTMK YL 2886

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PAINT, PAVEMENT MARKING, RED A-A-2886	40462				GAL	PAINT PVTMK RED 2886
	PAINT, PAVEMENT MARKING, RED A-A-2886	40462M				LITER	PAINT PVTMK RED 2886
	PAINT,LATEX,TRAFFIC AND AIRFIELD MARKING,GREEN TT-P-1952	40463				GAL	PAINT LXT&AFMK GN
D	PAINT, ACRYLIC, LATEX, WHITE	40475				GAL	PAINT ACR-LATEX WH
D	PAINT, ACRYLIC, LATEX, LIME YELLOW	40476				GAL	PAINT ACR-LATEX LIYL
D	PAINT, PRIME COAT LATEX, INTERIOR WHITE TTP 650	40477				GAL	PAINT PRIME LATEX WH
D	VARNISH, EXTERIOR SPAR (ART 712.22)	40501				GAL	VARNISH EXSPAR
D	VARNISH, EXTERIOR SPAR (ART 708.18)	40501M				LITER	VARNISH EXSPAR
D	VARNISH, PHENOLIC (ART 712.21)	40502				GAL	VARNISH PHENOLIC
D	VARNISH, PHENOLIC (ART 708.17)	40502M				LITER	VARNISH PHENOLIC
D	STAIN, REDWOOD (TT-S-708 COLOR 30117)	40503				GAL	STAIN REDWOOD
D	STAIN, REDWOOD (TT-S-708 COLOR 30117)	40503M				LITER	STAIN REDWOOD
D	STAIN, PICNIC TABLE (TT-S-708A)	40504				GAL	STAIN PICNIC TABLE
D	STAIN, PICNIC TABLE (TT-S-708A)	40504M				LITER	STAIN PICNIC TABLE
D	PIGMENT, MAGNESIUM SILICATE (ASTM D605)	40601				LB	PIGMENT MGSI D605
D	PIGMENT, MAGNESIUM SILICATE (ASTM D605)	40601M				KG	PIGMENT MGSI D605
D	PIGMENT, CALCIUM CARBONATE (ASTM D1199 TYPE PC GRADE I)	40602				LB	PIGMENT CACO TYPC
D	PIGMENT, CALCIUM CARBONATE (ASTM D1199)	40602M				KG	PIGMENT CACO
D	PIGMENT, CALCIUM CARBONATE (ASTM D1199 TYPE GC GRADE I)	40603				LB	PIGMENT CACO TYGC
D	PIGMENT, BARIUM SULFATE (ASTM D 602 BARYTES)	40604				LB	PIGMENT BASULFATE
D	PIGMENT, BARIUM SULFATE (ASTM D 602 BARYTES)	40604M				KG	PIGMENT BASULFATE
D	PIGMENT, TITANIUM DIOXIDE (ASTM D476 TYPE I)	40605				LB	PIGMENT TIDIO TYI
D	PIGMENT, TITANIUM DIOXIDE (ASTM D476)	40605M				KG	PIGMENT TIDIO
D	PIGMENT, TITANIUM DIOXIDE (ASTM D476 TYPE II)	40606				LB	PIGMENT TIDIO TYII

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIGMENT, TITANIUM DIOXIDE (ASTM D476 TYPE III)	40607				LB	PIGMENT TIDIO TYIII
D	PIGMENT, TITANIUM DIOXIDE (ASTM D476 TYPE IV)	40608				LB	PIGMENT TIDIO TYIV
D	PIGMENT, ZINC OXIDE (ASTM D79)	40609				LB	PIGMENT ZINC OXIDE
D	PIGMENT, ZINC OXIDE (ASTM D79)	40609M				KG	PIGMENT ZINC OXIDE
D	PIGMENT, CARBON BLACK (ASTM D561)	40610				LB	PIGMENT CBLK
D	PIGMENT, LAMPBLACK (ASTM D209)	40611				LB	PIGMENT LAMPBLK
D	PIGMENT, ALUMINUM (ASTM D962, TYPE II, CLASS B)	40612				LB	PIGMENT AL TYII
D	PIGMENT, ALUMINUM (ASTM D962, TYPE II, CLASS B)	40612M				KG	PIGMENT AL TYII
D	PIGMENT, ALUMINUM (ASTM D962, TYPE IV, CLASS B)	40613				LB	PIGMENT AL TYIV
D	PIGMENT, ALUMINUM (ASTM D962, TYPE IV, CLASS B)	40613M				KG	PIGMENT AL TYIV
D	PIGMENT, COPPER PHTHALOCYANINE BLUE (ASTM D963)	40614				LB	PIGMENT CUPCY BLUE
D	PIGMENT, CHROME OXIDE GREEN (ASTM D263)	40615				LB	PIGMENT CROOXGR
D	PIGMENT, PHTHALOCYANINE GREEN (ASTM D3021)	40616				LB	PIGMENT PCYGR
D	PIGMENT, BASIC LEAD SILICO-CHROMATE (ASTM D1648)	40617				LB	PIGMENT PBSICRO
D	PIGMENT, CHROME YELLOW (ASTM D211 TYPE I)	40618				LB	PIGMENT CROYL TYI
D	PIGMENT, CHROME YELLOW AND ORANGE (ASTM D211)	40618M				KG	PIGMENT CROYL
D	PIGMENT, CHROME YELLOW (ASTM D211 TYPE II)	40619				LB	PIGMENT CROYL TYII
D	PIGMENT, CHROME YELLOW (ASTM D211 TYPE III)	40620				LB	PIGMENT CROYL TYIII
D	PIGMENT, CHROME ORANGE (ASTM D211 TYPE IV)	40621				LB	PIGMENT CROOR TYIV
D	PIGMENT, CHROME ORANGE (ASTM D211 TYPE V)	40622				LB	PIGMENT CROOR TYV
D	PIGMENT, CHROME YELLOW (ASTM D211 TYPE VI)	40623				LB	PIGMENT CROYL TYVI
D	PIGMENT, ZINC YELLOW (ASTM D478 TYPE I)	40624				LB	PIGMENT ZNYL TYI
D	PIGMENT, RAW SIENNA (ASTM D765)	40625				LB	PIGMENT RAW SIENNA
D	PIGMENT, RED LEAD (ASTM D83 97% GRADE)	40626				LB	PIGMENT REDLEAD

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIGMENT, RED IRON OXIDE	40627				LB	PIGMENT REDFEOX
D	PIGMENT, TOLUIDINE RED (ASTM D656)	40628				LB	PIGMENT TOL RED
D	PIGMENT, BLACK GRAPHITE (ART 712.08)	40629				LB	PIGMENT BLKGP
D	PIGMENT, BLACK GRAPHITE (ART 708.07)	40629M				KG	PIGMENT BLKGP
D	PIGMENT, SILICA (ART 712.12)	40630				LB	PIGMENT SILICA
D	PIGMENT, SILICA (ART 708.10)	40630M				KG	PIGMENT SILICA
D	PIGMENT, UMBER, RAW	40631				LB	PIGMENT UMBER RAW
D	PIGMENT, SILICEOUS IRON OXIDE	40632				LB	PIGMENT SI FE O
D	PIGMENT, ZINC OXIDE (ASTM D79 FRENCH PROCESS TYPE)	40633				LB	PIGMENT ZNOX FPT
D	PIGMENT, ORGANIC ZINC DUST	40634				LB	PIGMENT OR ZN DUST
D	PIGMENT, INTEGRAL CONCRETE, RED BRICK	40635				LB	PIGMENT NTGRL RED BK
D	PIGMENT, INTEGRAL CONCRETE, RED BRICK	40635M				KG	PIGMENT NTGRL RED BK
	SOLVENT, PETROLEUM SPIRITS (ASTM D235)	40701				GAL	SOLVENT PS
	SOLVENT, PETROLEUM SPIRITS (ASTM D235)	40701M				LITER	SOLVENT PS
D	SOLVENT, TURPENTINE (ASTM D13, GUM SPIRITS)	40702				GAL	SOLVENT T GUM SPIRIT
D	SOLVENT, TURPENTINE (ASTM D13, GUM SPIRITS)	40702M				LITER	SOLVENT T GUM SPIRIT
D	SOLVENT, TOLUENE, INDUSTRIAL GRADE (ASTM D362)	40703				GAL	SOLVENT TOL INDG
D	SOLVENT, TOLUENE, INDUSTRIAL GRADE (ASTM D362)	40703M				LITER	SOLVENT TOL INDG
D	SOLVENT, XYLENE, INDUSTRIAL GRADE (ASTM D364)	40704				GAL	SOLVENT X INDGR
D	SOLVENT, XYLENE, INDUSTRIAL GRADE (ASTM D364)	40704M				LITER	SOLVENT X INDGR
D	SOLVENT, BUTYL ALCOHOL, NORMAL (ASTM D304)	40705				GAL	SOLVENT BUALC NM
D	SOLVENT, METHYL ALCOHOL (ASTM D1152)	40706				GAL	SOLVENT METALC
D	SOLVENT, METHYL ALCOHOL (ASTM D1152)	40706M				LITER	SOLVENT METALC
D	SOLVENT, NAPHTHA (TT-N-95, TYPE I)	40707				GAL	SOLVENT NAP TYI

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SOLVENT, METHYL ETHYL KETONE	40708				GAL	SOLVENT MEK
D	SOLVENT, METHYL ETHYL KETONE	40708M				LITER	SOLVENT MEK
D	SOLVENT, NAPHTHA (AROMATIC)	40709				GAL	SOLVENT NAP AROMA
D	SOLVENT, NAPHTHA (ALIPHATIC) M123	40710				GAL	SOLVENT NAP ALI M123
D	SOLVENT, NAPHTHA (ALIPHATIC) M123	40710M				LITER	SOLVENT NAP ALI M123
D	SOLVENT, METHYL ISOBUTYL KETONE	40711				GAL	SLVET METH ISOBUT KE
D	SOLVENT, VINYL THINNER	40712				GAL	SOLVENT, VINYL THIN
D	SOLVENT, INORGANIC ZINC PRIMER THINNER	40713				GAL	SOLVENT INORZNPRIHTN
D	SOLVENT, INORGANIC ZINC PRIMER THINNER	40713M				LITER	SOLVENT INORZNPRIHTN
D	SOLVENT, LACQUER THINNER	40714				GAL	SOLVENT LACQUER THIN
D	SOLVENT, LACQUER THINNER	40714M				LITER	SOLVENT LACQUER THIN
D	SOLVENT, ACRYLIC ENAMEL REDUCER	40715				GAL	SOLVENT ACRYL EN RE
D	SOLVENT, ACRYLIC ENAMEL REDUCER	40715M				LITER	SOLVENT ACRYL EN RE
D	SOLVENT, ALUMINUM EPOXY MASTIC THINNER	40716				GAL	SOLVENT ALEPOXMASTHN
D	SOLVENT, ALUMINUM EPOXY MASTIC THINNER	40716M				LITER	SOLVENT ALEPOXMASTHN
D	DRIER, LEAD (ASTM D600)	40801				GAL	DRIER LEAD D600
D	DRIER, COBALT (ASTM D600)	40802				GAL	DRIER COBALT D600
D	DRIER, MANGANESE (ASTM D600)	40803				GAL	DRIER MANGANESE D600
D	DRIER, CALCIUM (ASTM D600)	40804				GAL	DRIER CALCIUM D600
D	RESIN, CHLORINATED PARAFFIN (MIL-C-429 TYPE I)	40901				GAL	RESIN CHLPPARA TYI
D	RESIN, CHLORINATED PARAFFIN (MIL-C-429 TYPE I)	40901M				LITER	RESIN CHLPPARA TYI
D	RESIN, ALKYD (TT-R266 TYPE I CLASS A)	40902				GAL	RESIN ALK TYI CLA
D	RESIN, ALKYD (TT-R266 TYPE I CLASS A)	40902M				LITER	RESIN ALK TYI CLA
D	RESIN, CHLORINATES RUBBER 10 CENTIPOISE TYPE	40903				LB	RESIN CHLRUB 10CP TY

SEQ: MATCODE

MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	RESIN, CHLORINATES RUBBER 20 CENTIPOISE TYPE	40904				LB	RESIN CHLRUM 20CP TY
D	RESIN, CHLORINATED RUBBER	40904M				KG	RESIN CHLRUBBER
D	RESIN, ALKYD (M122)	40905				GAL	RESIN ALKYD (M122)
D	RESIN, ALKYD (M122)	40905M				LITER	RESIN ALKYD (M122)
D	RESIN, ALKYD (M123)	40906				LB	RESIN ALKYD (M123)
D	RESIN, ALKYD (M123)	40906M				KG	RESIN ALKYD (M123)
D	RESIN, ALKYD (FOR M45, M106)	40907				GAL	RESIN ALK M45 M106
D	RESIN, ALKYD (FOR M45, M106)	40907M				LITER	RESIN ALK M45 M106
D	RESIN, ALKYD (TT-R-266 TYPE III)	40908				GAL	RESIN ALK TY III
D	RESIN, ALKYD (TT-R-266 TYPE III)	40908M				LITER	RESIN ALK TY III
D	RESIN, ALKYD, SILICONE SOLUTION (TT-E-490)	40909				GAL	RESIN ALK SISOLUTION
D	RESIN, ALKYD, SILICONE SOLUTION (TT-E-490)	40909M				LITER	RESIN ALK SISOLUTION
D	RESIN, CHLORINATED POLYOLEFIN	40910				LB	RESIN CHLPOLYOLEFIN
D	RESIN, CHLORINATED POLYOLEFIN	40910M				KG	RESIN CHLPOLYOLEFIN
D	RESIN, ACRYLIC COPOLYMER (BR-201)	40911				LB	RESIN ACRYL COPLYMR
D	RESIN, ACRYLIC COPOLYMER (BR-201)	40911M				KG	RESIN ACRYL COPLYMR
D	OIL, BODIED LINSEED (ART 712.15)	41001				GAL	OIL BODIED LINSEED
D	OIL, BODIED LINSEED (ART 708.11)	41001M				LITER	OIL BODIED LINSEED
D	OIL, RAW LINSEED (ASTM D234)	41002				GAL	OIL RAW LINSEED
D	OIL, RAW LINSEED (ASTM D234)	41002M				LITER	OIL RAW LINSEED
	OIL, BOILED LINSEED (ASTM D260 TYPE I)	41003				GAL	OIL BOIL LINSEED TYI
	OIL, BOILED LINSEED (ASTM D260 TYPE I)	41003M				LITER	OIL BOIL LINSEED TYI
D	COMPOUND, NON-SLIP, WALKWAY & WALKWAY MATTING	41101				GAL	COMPOUND NS WALK MAT
D	STRIPPER, PAINT	41102				GAL	STRIPPER PAINT

SEQ: MATCODE

MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ANTI-SKIN AGENT	41103				GAL	ANTI-SKIN AGENT
D	COATING, TEXTURED(FOR INTERIOR & EXTERIOR MASONRY SURFACES. WHITEWASHING, CONCRETE PAVEMENT	41104				GAL	COATING TEXTURED
	WHITEWASHING, CONCRETE PAVEMENT	41105				GAL	WHITEWASHNG CONC PAV
	WHITEWASHING, CONCRETE PAVEMENT	41105M				LITER	WHITEWASHNG CONC PAV
D	DISPERSING AGENT, LECITHIN	41201				GAL	DISPER AG LECITHIN
D	DISPERSING AGENT, ATTAGEL	41202				GAL	DISPER AG ATTAGEL
D	DISPERSING AGENT, ORGANO-MONT MORILLINATE	41203				GAL	DISPER AG ORG-MO-MOR
D	STABILIZER, PROPYLENE OXIDE	41301				GAL	STABIL PROPYL OXIDE
D	STABILIZER, EPICHLOROHYDRIN	41302				GAL	STABIL EPICHTROHYDRIN
D	PRIMER, PRETREATMENT MIL-P-15328	41400				GAL	PRIMER PTR M-P-15328
D	PRIMER, PRETREATMENT MIL-P-15328	41400M				LITER	PRIMER PTR M-P-15328
D	PRIMER, INORGANIC ZINC (ART 712.26)	41401				GAL	PRIMER INORGAN ZINC
D	PRIMER, INORGANIC ZINC (ART 712.26)	41401M				LITER	PRIMER INORGAN ZINC
D	PRIMER, METAL FAST DRY	41402				GAL	PRIMER METAL FASTDRY
D	PRIMER, RUST TOP, GREY	41403				GAL	PRIMER RUST TOP GREY
D	PRIMER, RED IRON OXIDE	41404				GAL	PRIMER REDIRON OXIDE
D	PRIMER, RED IRON OXIDE (SSPC-25)	41405				GAL	PRIMER RDINOX SSPC25
D	PRIMER, RED IRON OXIDE (SSPC-25)	41405M				LITER	PRIMER RDINOX SSPC25
D	PRIMER, BROWN INTERMEDIATE COAT (SSPC-25)	41406				GAL	PRIMER BRINCT SSPC25
D	PRIMER, BROWN INTERMEDIATE COAT (SSPC-25)	41406M				LITER	PRIMER BRINCT SSPC25
	PRIMER, ALUMINUM EPOXY MASTIC	41407				GAL	PRIMER AL EPOXMAS
	PRIMER, ALUMINUM EPOXY MASTIC	41407M				LITER	PRIMER AL EPOXMAS
D	PRIMER, INORGANIC ZINC, WATER BORNE	41408				GAL	PRIMER INORG ZNH20
	PRIMER, INORGANIC ZINC HIGH SOLIDS(AASHTO M300-92I)	41409				GAL	PRIMER INORG ZN HS

SEQ: MATCODE

MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PRIMER, INORGANIC ZINC HIGH SOLIDS(AASHTO M300-92I)	41409M				LITER	PRIMER INORG ZN HS
	PRIMER,ORGANIC ZINC-RICH EPOXY	41410				GAL	PRIMER ORG ZN EPOXY
	PRIMER,MOISTURE CURED URETHANE ZINC-RICH	41411				GAL	PRIMER MCU ZN
D	PAINT, BRIDGE SSPC-21,INTERSTATE GREEN(7.5G 4-8)	41501				GAL	PAINT BR INT GREEN
D	PAINT, BRIDGE SSPC-21,INTERSTATE GREEN(7.5G 4-8)	41501M				LITER	PAINT BR INT GREEN
D	PAINT, BRIDGE SSPC-21,REDDISH BROWN (2.5YR 3-4)	41502				GAL	PAINT BR RED BROWN
D	PAINT, BRIDGE SSPC-21,REDDISH BROWN (2.5YR 3-4)	41502M				LITER	PAINT BR RED BROWN
D	PAINT, BRIDGE SSPC-21,LIGHT GRAY (10Y 7-1)	41503				GAL	PAINT BR LIGHT GRAY
D	PAINT, BRIDGE SSPC-21,LIGHT GRAY (10Y 7-1)	41503M				LITER	PAINT BR LIGHT GRAY
D	PAINT, BRIDGE SSPC-21,DARK GRAY (10B 5-1)	41504				GAL	PAINT BR DARK GRAY
D	PAINT, BRIDGE SSPC-21,DARK GRAY (10B 5-1)	41504M				LITER	PAINT BR DARK GRAY
D	PAINT, BRIDGE SSPC-21,OLIVE YELLOW (2.5Y 6-6)	41505				GAL	PAINT BR OLV YELLOW
D	PAINT, BRIDGE SSPC-21,OLIVE YELLOW (2.5Y 6-6)	41505M				LITER	PAINT BR OLV YELLOW
D	PAINT, BRIDGE SSPC-21,LIGHT GREEN (7.5GY 7-2)	41506				GAL	PAINT BR LIGHT GREEN
D	PAINT, BRIDGE SSPC-21,LIGHT GREEN (7.5GY 7-2)	41506M				LITER	PAINT BR LIGHT GREEN
D	PAINT, BRIDGE SSPC-21,LIGHT OLIVE GRAY (7.57 5-2)	41507				GAL	PAINT BR LTOLV GRAY
D	PAINT, BRIDGE SSPC-21,LIGHT OLIVE GRAY (7.57 5-2)	41507M				LITER	PAINT BR LTOLV GRAY
D	PAINT, BRIDGE SSPC-21, MODERATE BROWN (57R 4-4)	41508				GAL	PAINT BR MOD BROWN
D	PAINT, BRIDGE SSPC-21, MODERATE BROWN (57R 4-4)	41508M				LITER	PAINT BR MOD BROWN
D	PAINT, BRIDGE SSPC-21,BLUE (10B 3-6)	41509				GAL	PAINT BR BLUE
D	PAINT, BRIDGE SSPC-21,BLUE (10B 3-6)	41509M				LITER	PAINT BR BLUE
D	PAINT, BRIDGE SSPC-21,PALE BROWN (7.5YR 4-2)	41510				GAL	PAINT BR PALE BROWN
D	PAINT, BRIDGE SSPC-21,PALE BROWN (7.5YR 4-2)	41510M				LITER	PAINT BR PALE BROWN
D	PAINT, BRIDGE SSPC-21,MODERATE YELLOW (10YR 7-8)	41511				GAL	PAINT BR MOD YELLOW

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MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, BRIDGE SSPC-21,MODERATE YELLOW (10YR 7-8)	41511M				LITER	PAINT BR MOD YELLOW
D	PAINT, BRIDGE SSPC-21,MODERATE GREEN (7.5GY 5-4)	41512				GAL	PAINT BR MOD GREEN
D	PAINT, BRIDGE SSPC-21,MODERATE GREEN (7.5GY 5-4)	41512M				LITER	PAINT BR MOD GREEN
D	PAINT, BRIDGE, VINYL ENAMEL, INTERSTATE GREEN (7.5G 4-8)	41521				GAL	PAINT BRVINEN INTGRN
D	PAINT, BRIDGE, VINYL ENAMEL, RED BROWN (2.5YR 3-4)	41522				GAL	PAINT BRVINEN REDBRN
D	PAINT, BRIDGE, VINYL ENAMEL, LIGHT GRAY (10Y 7-1)	41523				GAL	PAINT BRVINEN LTGRAY
D	PAINT, BRIDGE, VINYL ENAMEL, DARK GRAY (10B 5-1)	41524				GAL	PAINT BRVINEN DKGRAY
D	PAINT, BRIDGE, VINYL ENAMEL, OLIVE YELLOW (2.5Y 6-6)	41525				GAL	PAINT BRVINEN OLVYEL
D	PAINT, BRIDGE, VINYL ENAMEL, LIGHT GREEN (7.5GY 7-2)	41526				GAL	PAINT BRVINEN LTGRN
D	PAINT, BRIDGE, VINYL ENAMEL, LIGHT OLIVE GRAY (7.5Y 5-2)	41527				GAL	PAINT BRVINEN LTOGRY
D	PAINT, BRIDGE, VINYL ENAMEL, MODERATE BROWN (5YR 4-4)	41528				GAL	PAINT BRVINEN MODBRN
D	PAINT, BRIDGE, VINYL ENAMEL, BLUE (10B 3-6)	41529				GAL	PAINT BRVINEN BLUE
D	PAINT, BRIDGE, VINYL ENAMEL, PALE BROWN (7.5YR 4-2)	41530				GAL	PAINT BRVINEN PALBRN
D	PAINT, BRIDGE, VINYL ENAMEL, MODERATE YELLOW (10YR 7-8)	41531				GAL	PAINT BRVINEN MODYEL
D	PAINT, BRIDGE, VINYL ENAMEL, MODERATE GREEN (7.5GY 5-4)	41532				GAL	PAINT BRVINEN MODGRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, INTERSTATE GREEN (7.5G 4-8)	41541				GAL	PAINT BRVINHB INTGRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, RED BROWN (2.5YR 3-4)	41542				GAL	PAINT BRVINHB REDBRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, LIGHT GRAY (10Y 7-1)	41543				GAL	PAINT BRVINHB LTGRAY
D	PAINT, BRIDGE, VINYL HIGH BUILD, DARK GRAY (10B 5-1)	41544				GAL	PAINT BRVINHB DKGRAY
D	PAINT, BRIDGE, VINYL HIGH BUILD, OLIVE YELLOW (2.5Y 6-6)	41545				GAL	PAINT BRVINHB OLVYEL
D	PAINT, BRIDGE, VINYL HIGH BUILD, LIGHT GREEN (7.5GY 7-2)	41546				GAL	PAINT BRVINHB LTGRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, LIGHT OLIVE GRAY (7.5Y 5-2)	41547				GAL	PAINT BRVINHB LTOGRY
D	PAINT, BRIDGE, VINYL HIGH BUILD, MODERATE BROWN (5YR 4-4)	41548				GAL	PAINT BRVINHB MODBRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, BLUE (10B 3-6)	41549				GAL	PAINT BRVINHB BLUE

SEQ: MATCODE

MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PAINT, BRIDGE, VINYL HIGH BUILD, PALE BROWN (7.5YR 4-2)	41550				GAL	PAINT BRVINHB PALBRN
D	PAINT, BRIDGE, VINYL HIGH BUILD, MODERATE YELLOW (10YR 7-8)	41551				GAL	PAINT BRVINHB MODYEL
D	PAINT, BRIDGE, VINYL HIGH BUILD, MODERATE GREEN (7.5GY 5-4)	41552				GAL	PAINT BRVINHB MODGRN
	PRIMER,BRIDGE,WATERBORNE ACRYLIC,MODERATE YELLOW (5Y 8-4)	41560				GAL	PRIM WTRBRN MODYEL
	PRIMER,BRIDGE,WATERBORNE ACRYLIC,MODERATE YELLOW (5Y 8-4)	41560M				LITER	PRIM WTRBRN MODYEL
	PAINT,BRIDGE,WATERBORNE ACRYLIC,INTST GREEN (7.5G 4-8)	41561				GAL	PAINT WTRBRN INTGRN
	PAINT,BRIDGE,WATERBORNE ACRYLIC,INTST GREEN (7.5G 4-8)	41561M				LITER	PAINT WTRBRN INTGRN
	PAINT,BRIDGE,WATERBORNE ACRYLIC,REDISH BROWN (2.5YR 3-4)	41562				GAL	PAINT WTRBRN REDBRN
	PAINT,BRIDGE,WATERBORNE ACRYLIC,REDISH BROWN (2.5YR 3-4)	41562M				LITER	PAINT WTRBRN REDBRN
	PAINT,BRIDGE,WATERBORNE ACRYLIC,BLUE (10B 3-6)	41563				GAL	PAINT WTRBRN BLUE
	PAINT,BRIDGE,WATERBORNE ACRYLIC,BLUE (10B 3-6)	41563M				LITER	PAINT WTRBRN BLUE
	PAINT,BRIDGE,WATERBORNE ACRYLIC,LIGHT GRAY (5B 7-1)	41564				GAL	PAINT WTRBRN LTGRAY
	PAINT,BRIDGE,WATERBORNE ACRYLIC,LIGHT GRAY (5B 7-1)	41564M				LITER	PAINT WTRBRN LTGRAY
	PRIMER,BRIDGE,EPOXY INTERMEDIATE,WHITE	41570				GAL	PRIM EPOXY INT WHITE
	PAINT,BRIDGE,ALIPHATIC URETHANE,INTST GREEN(7.5G 4-8)	41571				GAL	PAINT URETHANE INTGR
	PAINT,BRIDGE,ALIPHATIC URETHANE,REDDISH BROWN(2.5YR 3-4)	41572				GAL	PAINT URETHANE RDBRN
	PAINT,BRIDGE,ALIPHATIC URETHANE,BLUE(10B 3-6)	41573				GAL	PAINT URETHANE BLUE
	PAINT,BRIDGE,ALIPHATIC URETHANE,LIGHT GRAY(5B 7-1)	41574				GAL	PAINT URETHANE LTGRY
	PAINT, BRIDGE, ALIPHATIC URETHANE, WARM GRAY (2.5Y 5-1)	41575				GAL	PAINT URETHANE WMGRY
	PAINT, BRIDGE, ALIPHATIC URETHANE, WARM GRAY (2.5Y 5-1)	41575M				LITER	PAINT URETHANE WMGRY
	PAINT, BRIDGE, ALIPHATIC URETHANE, BLACK (NI)	41576				GAL	PAINT URETHANE BLACK
	PAINT, BRIDGE, ALIPHATIC URETHANE, BLACK (NI)	41576M				LITER	PAINT URETHANE BLACK
	PRIMER,BRIDGE,MOISTURE CURED URETHANE INTERMEDIATE	41580				GAL	PRIMER MCU INT
	PAINT,BRIDGE,MOISTURE CURED URETHANE,INTST GREEN (7.5G 4-8)	41581				GAL	PAINT MCU INTGRN

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MATERIAL GROUP: 400 PAINTS AND PAINT MATERIALS

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PAINT,BRIDGE,MOISTURE CURED URETHANE,REDDISH BROWN 7.5YR 3-4	41582				GAL	PAINT MCU REDBRN
	PAINT,BRIDGE,MOISTURE CURED URETHANE,BLUE (10B 3-6)	41583				GAL	PAINT MCU BLUE
	PAINT,BRIDGE,MOISTURE CURED URETHANE,LIGHT GRAY (5B 7-1)	41584				GAL	PAINT MCU LTGRAY
D	PRIMER,CLACIUM SULFONATE-ALKYD	41601				GAL	PRIMER CA SULF ALKYD
D	PRIMER,CALCIUM SULFONATE-ALKYD	41601M				LITER	PRIMER CA SULF ALKYD
D	PAINT,CALCIUM SULFONATE-ALKYD	41602				GAL	PAINT CA SULF ALKYD
D	PAINT,CALCIUM SULFONATE-ALKYD	41602M				LITER	PAINT CA SULF ALKYD

SEQ: MATCODE

MATERIAL GROUP: 420 CHEMICALS

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AIR-ENTRAINING ADMIXTURES, DRI-CRETE CRT	42101				GAL	AIREN AD CRT
D	AIR-ENTRAINING ADMIXTURES, AMEX,VR AEA	42102				GAL	AIREN AD VR AEA
D	AIR-ENTRAINING ADMIXTURES, CASTLE AIR CAS	42103				GAL	AIREN AD CAS
D	AIR-ENTRAINING ADMIXTURES, CASTLE VR CVR	42104				GAL	AIREN AD VR CVR
D	AIR-ENTRAINING ADMIXTURES, SEPTAIR SEP	42105				GAL	AIREN AD SEP
D	AIR-ENTRAINING ADMIXTURES, DAREX	42106				GAL	AIREN AD DAREX
D	AIR-ENTRAINING ADMIXTURES, DAREX	42106M				LITER	AIREN AD DAREX
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR	42107				GAL	AIREN AD DARAVAIR
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR	42107M				LITER	AIREN AD DARAVAIR
D	AIR-ENTRAINING ADMIXTURES, FLEX-AIRE FLX	42108				GAL	AIREN AD FLX
D	AIR-ENTRAINING ADMIXTURES, EUCO AIR MIX UCO	42109				GAL	AIREN AD UCO
D	AIR-ENTRAINING ADMIXTURES, EUCO AIR MIX	42109M				LITER	AIREN AD
D	AIR-ENTRAINING ADMIXTURES, MASTRAIR VR 10	42110				GAL	AIREN AD MASTRAIR 10
D	AIR-ENTRAINING ADMIXTURES, MASTRAIR VR 10	42110M				LITER	AIREN AD MASTRAIR 10
D	AIR-ENTRAINING ADMIXTURES, SEAL TIGHT TIT	42111				GAL	AIREN AD TIT
D	AIR-ENTRAINING ADMIXTURES, SEAL TIGHT	42111M				LITER	AIREN AD
D	AIR-ENTRAINING ADMIXTURES, MCVR CIN	42112				GAL	AIREN AD MCVR CIN
D	AIR-ENTRAINING ADMIXTURES, PROTEX REGULAR PTX	42113				GAL	AIREN AD PTX
D	AIR-ENTRAINING ADMIXTURES, A.E.R. AER	42114				GAL	AIREN AD AER
D	AIR-ENTRAINING ADMIXTURES, A.E.R.	42114M				LITER	AIREN AD
D	AIR-ENTRAINING ADMIXTURES, SOLAIR (SINGLE STRENGTH) SOL	42115				GAL	AIREN AD SOL
D	AIR-ENTRAINING ADMIXTURES, AD-AIRE	42116				GAL	AIREN AD ADA
D	AIR-ENTRAINING ADMIXTURES, AD-AIRE	42116M				LITER	AIREN AD ADA
D	AIR-ENTRAINING ADMIXTURES, MB-AE-10	42117				GAL	AIREN AD MBAE 10

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AIR-ENTRAINING ADMIXTURES, PRO-AIR	42118				GAL	AIREN AD PRO
D	AIR-ENTRAINING ADMIXTURES, EQUAL AIR	42119				GAL	AIREN AD EQL
D	AIR-ENTRAINING ADMIXTURES, AIR-X	42120				GAL	AIREN AD AIR-X
D	AIR-ENTRAINING ADMIXTURES, RUMOC AEA	42121				GAL	AIREN AD RUMOC
D	AIR-ENTRAINING ADMIXTURES, AIR TITE	42122				GAL	AIREN AD AIR TITE
D	AIR-ENTRAINING ADMIXTURES, AMEX 210	42123				GAL	AIREN AD AIR AMEX210
D	AIR-ENTRAINING ADMIXTURES, RUMOC-AIRE	42124				GAL	AIREN AD RUMOC-AIRE
D	AIR-ENTRAINING ADMIXTURES, AIRECON	42125				GAL	AIREN AD AIRECON
D	AIR-ENTRAINING ADMIXTURES, UNIPLAST 100 AE	42126				GAL	AIREN AD UNI100AE
D	AIR-ENTRAINING ADMIXTURES, UNIPLAST AE 100	42126M				LITER	AIREN AD UNI AE100
D	AIR-ENTRAINING ADMIXTURES, AIRALON-20	42127				GAL	AIREN AD AIRALON-20
D	AIR-ENTRAINING ADMIXTURES, AIRALON-20	42127M				LITER	AIREN AD AIRALON-20
D	AIR-ENTRAINING ADMIXTURES, AIREX "L"	42128				GAL	AIREN AD AIREX "L"
	AIR-ENTRAINING ADMIXTURES, MASTRAIR AE 200	42129				GAL	AIREN AD MASTRAIR200
	AIR-ENTRAINING ADMIXTURES, MASTRAIR AE 200	42129M				LITER	AIREN AD MASTRAIR200
D	AIR-ENTRAINING ADMIXTURES, RVR-15	42130				GAL	AIREN AD RVR-15
D	AIR-ENTRAINING ADMIXTURES, RVR-15	42130M				LITER	AIREN AD RVR-15
D	AIR-ENTRAINING ADMIXTURES, EXCEL AIR	42131				GAL	AIREN AD EXCEL AIR
D	AIR-ENTRAINING ADMIXTURES, EXCEL AIR	42131M				LITER	AIREN AD EXCEL AIR
D	AIR-ENTRAINING ADMIXTURES, EVER-AIR	42132				GAL	AIREN AD EVER-AIR
D	AIR ENTRAINING ADMIXTURES, UNIPLAST AE-200	42133				GAL	AIREN AD UNIPLAST200
D	AIR ENTRAINING ADMIXTURES, UNIPLAST AE-200	42133M				LITER	AIREN AD UNIPLAST200
D	AIR-ENTRAINING ADMIXTURES, CATEXOL A.E. 260	42134				GAL	AIREN AD CATEXOL 260
D	AIR-ENTRAINING ADMIXTURES, CATEXOL A.E. 260	42134M				LITER	AIREN AD CATEXOL 260

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AIR-ENTRAINING ADMIXTURES, EQUAL AIR	42135				GAL	AIREN AD EQL
D	AIR-ENTRAINING ADMIXTURES, EQUAL AIR	42135M				LITER	AIREN AD EQL
D	AIR-ENTRAINING ADMIXTURES, CATEXOL VR	42136				GAL	AIREN AD CATEXOL VR
D	AIR-ENTRAINING ADMIXTURES, CATEXOL VR	42136M				LITER	AIREN AD CATEXOL VR
D	AIR-ENTRAINING ADMIXTURES, CONCHEM AES REGULAR	42137				GAL	AIREN AD CNCM AESREG
D	AIR-ENTRAINING ADMIXTURES, CONCHEM AES REGULAR	42137M				LITER	AIREN AD CNCM AESREG
	AIR-ENTRAINING ADMIXTURES, DAREX II	42138				GAL	AIREN AD DAREX II
	AIR-ENTRAINING ADMIXTURES, DAREX II	42138M				LITER	AIREN AD DAREX II
D	AIR-ENTRAINING ADMIXTURES, MASTRAIR VR 20	42139				GAL	AIREN AD MASTRAIR 20
D	AIR-ENTRAINING ADMIXTURES, MASTRAIR VR 20	42139M				LITER	AIREN AD MASTRAIR 20
	AIR-ENTRAINING ADMIXTURES, MASTRAIR AE 90	42140				GAL	AIREN AD MASTRAIR 90
	AIR-ENTRAINING ADMIXTURES, MASTRAIR AE 90	42140M				LITER	AIREN AD MASTRAIR 90
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR 1000	42141				GAL	AIREN AD DRAVR 1000
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR 1000	42141M				LITER	AIREN AD DRAVR 1000
D	AIR-ENTRAINING ADMIXTURES, SIKA AEA 15	42142				GAL	AIREN AD SIKA AEA15
D	AIR-ENTRAINING ADMIXTURES, SIKA AEA 15	42142M				LITER	AIREN AD SIKA AEA15
D	AIR-ENTRAINING ADMIXTURES, MBAE 90	42143				GAL	AIREN AD MBAE 90
	AIR-ENTRAINING ADMIXTURES, RSA-10, +CLSM	42144				GAL	AIREN AD RSA 10
	AIR-ENTRAINING ADMIXTURES, RSA-10, +CLSM	42144M				LITER	AIREN AD RSA 10
	AIR-ENTRAINING ADMIXTURES, DARAFILL, CLSM ONLY	42145				GAL	AIREN AD DARAFILL
	AIR-ENTRAINING ADMIXTURES, DARAFILL, CLSM ONLY	42145M				LITER	AIREN AD DARAFILL
D	AIR-ENTRAINING ADMIXTURES, AIR MIX 200	42146				GAL	AIREN AD AIRMIX 200
D	AIR-ENTRAINING ADMIXTURES, AIR MIX 200	42146M				GAL	AIREN AD AIRMIX 200
	AIR-ENTRAINING ADMIXTURES, DARAVAIR 1400	42147				GAL	AIREN AD DRAVR 1400

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	AIR-ENTRAINING ADMIXTURES, DARAVAIR 1400	42147M				LITER	AIREN AD DRAVR 1400
D	AIR-ENTRAINING ADMIXTURES, CONCHEM AIR	42148				GAL	AIREN AD CONCHEM AIR
D	AIR-ENTRAINING ADMIXTURES, CONCHEM AIR	42148M				LITER	AIREN AD CONCHEM AIR
D	AIR-ENTRAINING ADMIXTURES, EXCEL AE 50	42149				GAL	AIREN AD EXCEL AE 50
D	AIR-ENTRAINING ADMIXTURES, EXCEL AE 50	42149M				LITER	AIREN AD EXCEL AE 50
D	AIR-ENTRAINING ADMIXTURES, POLYCHEM VR	42150				GAL	AIREN AD POLYCHEM VR
D	AIR-ENTRAINING ADMIXTURES, POLYCHEM VR	42150M				LITER	AIREN AD POLYCHEM VR
	AIR-ENTRAINING ADMIXTURES, POLYCHEM AE	42151				GAL	AIREN AD PLYCHEM AE
	AIR-ENTRAINING ADMIXTURES, POLYCHEM AE	42151M				LITER	AIREN AD PLYCHEM AE
D	AIR-ENTRAINING ADMIXTURES, RHEOCELL RHEOFILL, CLSM ONLY	42152				GAL	AIREN AD RHEOFILL
D	AIR-ENTRAINING ADMIXTURES, RHEOCELL RHEOFILL, CLSM ONLY	42152M				LITER	AIREN AD RHEOFILL
	AIR-ENTRAINING ADMIXTURE, EUCON AEA 92	42153				GAL	AIREN AD UCON AEA92
	AIR-ENTRAINING ADMIXTURES, EUCON AEA 92	42153M				LITER	AIREN AD UCON AEA92
D	AIR-ENTRAINING ADMIXTURES, SPECCO A-12	42154				GAL	AIREN AD SPECCO A-12
D	AIR-ENTRAINING ADMIXTURES, SPECCO A-12	42154M				LITER	AIREN AD SPECCO A-12
D	AIR-ENTRAINING ADMIXTURES, EUCON AIRMIX 250	42155				GAL	AIREN AD UCON AMX250
D	AIR-ENTRAINING ADMIXTURES, EUCON AIRMIX 250	42155M				LITER	AIREN AD UCON AMX250
	AIR-ENTRAINING ADMIXTURES, POLYCHEM VRC	42156				GAL	AIREN AD POLYCHM VRC
	AIR-ENTRAINING ADMIXTURES, POLYCHEM VRC	42156M				LITER	AIREN AD POLYCHM VRC
D	AIR-ENTRAINING ADMIXTURES, SIKA AIR	42157				GAL	AIREN AD SIKA AIR
D	AIR-ENTRAINING ADMIXTURES, SIKA AIR	42157M				LITER	AIREN AD SIKA AIR
D	AIR-ENTRAINING ADMIXTURES, MATRIX	42158				GAL	AIREN AD MATRIX
D	AIR-ENTRAINING ADMIXTURES, MATRIX	42158M				LITER	AIREN AD MATRIX
D	AIR-ENTRAINING ADMIXTURES, DAREX EH	42159				GAL	AIREN AD DAREX EH

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR M	42160				GAL	AIREN AD DRAVR M
D	AIR-ENTRAINING ADMIXTURES, DARAVAIR AT60	42161				GAL	AIREN AD DRAVR AT60
D	AIR-ENTRAINING ADMIXTURES, MATRIX 260	42162				GAL	AIREN AD MATRIX 260
D	AIR-ENTRAINING ADMIXTURES, CATEXOL AE360	42163				GAL	AIREN AD CATEXOL 360
D	AIR-ENTRAINING ADMIXTURES, CATEXOL AE360	42163M				LITER	AIREN AD CATEXOL 360
	AIR-ENTRAINING ADMIXTURES, SIKA AEA 14	42164				GAL	AIREN AD SIKA AEA 14
	AIR-ENTRAINING ADMIXTURES, SIKA AEA 14	42164M				LITER	AIREN AD SIKA AEA 14
	AIR-ENTRAINING ADMIXTURES, POLYCHEM SA	42165				GAL	AIREN AD POLYCHEM SA
	AIR-ENTRAINING ADMIXTURES, POLYCHEM SA	42165M				LITER	AIREN AD POLYCHEM SA
D	AIR-ENTRAINING ADMIXTURES, PROAIR TX	42166				GAL	AIREN AD PROAIR TX
D	AIR-ENTRAINING ADMIXTURES, PROAIR TX	42166M				LITER	AIREN AD PROAIR TX
D	AIR-ENTRAINING ADMIXTURES, AIREXTRA	42167				GAL	AIREN AD AIREXTRA
D	AIR-ENTRAINING ADMIXTURES, AIREXTRA	42167M				LITER	AIREN AD AIREXTRA
D	AIR-ENTRAINING ADMIXTURES, AIREX-L	42168				GAL	AIREN AD AIREX-L
D	AIR-ENTRAINING ADMIXTURES, AIREX-L	42168M				LITER	AIREN AD AIREX-L
	AIR-ENTRAINING ADMIXTURES, TERAPAVE AEA	42169				GAL	AIREN AD TERAPV AEA
	AIR-ENTRAINING ADMIXTURES, TERAPAVE AEA	42169M				LITER	AIREN AD TERAPV AEA
D	AIR-ENTRAINING ADMIXTURES, SIKA MULTI AIR	42170				GAL	AIREN AD MULTI AIR
D	AIR-ENTRAINING ADMIXTURES, SIKA MULTI AIR	42170M				LITER	AIREN AD MULTI AIR
D	AIR-ENTRAINING ADMIXTURES, PROAIR 260 AEA	42171				GAL	AIREN AD PROAIR 260
D	AIR-ENTRAINING ADMIXTURES, PROAIR 260 AEA	42171M				LITER	AIREN AD PROAIR 260
	AIR-ENTRAINING ADMIXTURES, CONAIR	42172				GAL	AIREN AD CONAIR
	AIR-ENTRAINING ADMIXTURES, CONAIR	42172M				LITER	AIREN AD CONAIR
D	AIR-ENTRAINING ADMIXTURES, CONAIR 260	42173				GAL	AIREN AD CONAIR 260

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	AIR-ENTRAINING ADMIXTURES, CONAIR 260	42173M				LITER	AIREN AD CONAIR 260
D	AIR-ENTRAINING ADMIXTURES, SIKA LIGHTCRETE POWDER, CLSM ONLY	42174				GAL	AIREN AD SIKA LITCRT
D	AIR-ENTRAINING ADMIXTURES, SIKA LIGHTCRETE POWDER, CLSM ONLY	42174M				LITER	AIREN AD SIKA LITCRT
D	AIR-ENTRAINING ADMIXTURES, RUSS-FLO, CLSM ONLY	42175				GAL	AIREN AD RUSS-FLO
D	AIR-ENTRAINING ADMIXTURES, RUSS-FLO, CLSM ONLY	42175M				LITER	AIREN AD RUSS-FLO
D	AIR-ENTRAINING ADMIXTURES, MIRACON 2315	42176				GAL	AIREN AD MIRACN 2315
D	AIR-ENTRAINING ADMIXTURES, MIRACON 2315	42176M				LITER	AIREN AD MIRACN 2315
	AIR-ENTRAINING ADMIXTURES, CHRYSO AIR 260	42177				GAL	AIREN AD CHRYSO 260
	AIR-ENTRAINING ADMIXTURES, CHRYSO AIR 260	42177M				LITER	AIREN AD CHRYSO 260
D	AIR-ENTRAINING ADMIXTURES, CHRYSO AIR TX	42178				GAL	AIREN AD CHRYSO TX
D	AIR-ENTRAINING ADMIXTURES, CHRYSO AIR TX	42178M				LITER	AIREN AD CHRYSO TX
D	AIR-ENTRAINING ADMIXTURES, PAVE-AIR 90	42179				GAL	AIREN AD PAVEAIR 90
D	AIR-ENTRAINING ADMIXTURES, PAVE-AIR 90	42179M				LITER	AIREN AD PAVEAIR 90
	AIR-ENTRAINING ADMIXTURES, SIKA MULTI AIR 25	42180				GAL	AIREN AD MULTIAIR 25
	AIR-ENTRAINING ADMIXTURES, SIKA MULTI AIR 25	42180M				LITER	AIREN AD MULTIAIR 25
	AIR-ENTRAINING ADMIXTURES, POLYCHEM SA-50	42181				GAL	AIREN AD PLYCHM SA50
	AIR-ENTRAINING ADMIXTURES, POLYCHEM SA-50	42181M				LITER	AIREN AD PLYCHM SA50
	AIR-ENTRAINING ADMIXTURES, MASTRAIR AE 400	42182				GAL	AIREN AD MASTRAIR400
	AIR-ENTRAINING ADMIXTURES, MASTRAIR AE 400	42182M				LITER	AIREN AD MASTRAIR400
D	AIR-ENTRAINING ADMIXTURES, CATEXOL VR CONCENTRATE	42183				GAL	AIREN AD CTXL VR CON
D	AIR-ENTRAINING ADMIXTURES, CATEXOL VR CONCENTRATE	42183M				LITER	AIREN AD CTXL VR CON
	AIR-ENTRAINING ADMIXTURES, SIKA AIR 260	42184				GAL	AIREN AD SIKAAIR 260
	AIR-ENTRAINING ADMIXTURES, SIKA AIR 260	42184M				LITER	AIREN AD SIKAAIR 260
	AIR-ENTRAINING ADMIXTURES, SIKA AIR 360	42185				GAL	AIREN AD SIKAAIR 360

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	AIR-ENTRAINING ADMIXTURES, SIKA AIR 360	42185M				LITER	AIREN AD SIKAAIR 360
D	AIR-ENTRAINING ADMIXTURES, SIKA AER-C	42186				GAL	AIREN AD SIKA AER-C
D	AIR-ENTRAINING ADMIXTURES, SIKA AER-C	42186M				LITER	AIREN AD SIKA AER-C
	AIR-ENTRAINING ADMIXTURES, EUCLID EUCON EASY FILL, CLSM ONLY	42187				GAL	AIREN AD EUCON EZFIL
	AIR-ENTRAINING ADMIXTURES, EUCLID EUCON EASY FILL, CLSM ONLY	42187M				LITER	AIREN AD EUCON EZFIL
D	AIR-ENTRAINING ADMIXTURES, EUCON AIR MAC 12	42188				GAL	AIREN AD AIRMAC12
D	AIR-ENTRAINING ADMIXTURES, EUCON AIR MAC 12	42188M				LITER	AIREN AD AIRMAC12
	AIR-ENTRAINING ADMIXTURES, DAVAVAIR AT30	42189				GAL	AIREN AD DRAVR AT30
	AIR-ENTRAINING ADMIXTURES, DAVAVAIR AT30	42189M				LITER	AIREN AD DRAVR AT30
	AIR-ENTRAINING ADMIXTURES, SIKA LIGHTCRETE POWDER, CLSM ONLY	42190				LB	AIREN AD SIKA LITCRT
	AIR-ENTRAINING ADMIXTURES, SIKA LIGHTCRETE POWDER, CLSM ONLY	42190M				KG	AIREN AD SIKA LITCRT
	AIR-ENTRAINING ADMIXTURES, RUSS-FLO, CLSM ONLY	42191				LB	AIREN AD RUSS-FLO
	AIR-ENTRAINING ADMIXTURES, RUSS-FLO, CLSM ONLY	42191M				KG	AIREN AD RUSS-FLO
	AIR-ENTRAINING ADMIXTURES, MASTERCELL 25, CLSM ONLY	42192				LB	AIREN AD MASTRCELL25
	AIR-ENTRAINING ADMIXTURES, MASTERCELL 25, CLSM ONLY	42192M				KG	AIREN AD MASTRCELL25
	AIR-ENTRAINING ADMIXTURES, EUCON AEA 92S	42193				GAL	AIREN AD UCON AEA92S
	AIR-ENTRAINING ADMIXTURES, EUCON AEA 92S	42193M				LITER	AIREN AD UCON AEA92S
	AIR-ENTRAINING ADMIXTURES, AIRALON 3000	42194				GAL	AIREN AD AIRALON3000
	AIR-ENTRAINING ADMIXTURES, AIRALON 3000	42194M				LITER	AIREN AD AIRALON3000
D	RETARDING ADMIXTURES, TYPE D, LUBRICON R LUBR	42201				GAL	RET AD TYD R LUBR
D	RETARDING ADMIXTURES, TYPE D, CHEMSTRONG R CHEM	42202				GAL	RET AD TYD R CHEM
D	RETARDING ADMIXTURES, TYPE D, RELCRETE NR	42203				GAL	RET AD TYD REL NR
D	RETARDING ADMIXTURES, TYPE D, DARATARD DARA	42204				GAL	RET AD TYD DARA
D	RETARDING ADMIXTURES, TYPE D, POZZOLITH 100 XR PZXR	42205				GAL	RET AD TYD XR PZXR

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	RETARDING ADMIXTURES, TYPE D, PROTEX PDA 25 R PROT	42206				GAL	RET AD TYD R PROT
D	RETARDING ADMIXTURES, TYPE D, PLASTOCRETE D PLAD	42207				GAL	RET AD TYD D PLAD
D	RETARDING ADMIXTURES, TYPE D, DARATARD 17	42208				GAL	RET AD TYP D DT17
D	RETARDING ADMIXTURES, TYPE G, MIGHTY RD2	42209				GAL	RET AD TY G RD2
D	RETARDING ADMIXTURES, TYPE D, PSI 90R	42210				GAL	RET AD TY D PSI 90R
D	RETARDING ADMIXTURES, TYPE D, TCDA 727	42211				GAL	RET AD TY D TCDA 727
D	RETARDING ADMIXTURES, TYPE D, RETARDWEL	42212				GAL	RET AD TY D RETARWEL
D	RETARDING ADMIXTURES, TYPE D, 161R	42213				GAL	RET AD TYP D 161R
D	RETARDING ADMIXTURES, TYPE D, PSI RETARDER PLUS	42214				GAL	RET AD TYP D PSIPLUS
D	RETARDING ADMIXTURES, TYPE D, LUBRICON HSR	42215				GAL	RET AD TYD LUBRI HSR
D	RETARDING ADMIXTURES, TYPE D, PLASTIMENT	42216				GAL	RET AD TYD PLASTIMT
D	RETARDING ADMISTURES, TYPE G, PSP-R	42217				GAL	RET AD TY G PSP-4
D	RETARDING ADMIXTURES, TYPE D, REDI SET-R	42218				GAL	RET AD TY D REDISETR
D	RETARDING ADMIXTURES, TYPE D, LC400R	42219				GAL	RET AD TY D LC400R
D	RETARDING ADMIXTURES, TYPE D, EUCON 75	42220				GAL	RET AD TY D EUCON 75
D	RETARDING ADMIXTURES, TYPE D, CATEXOL 1000R	42221				GAL	RET AD TY D CAT R
D	RETARDING ADMIXTURES, TYPE D, CONCHEM 25R	42222				GAL	RET AD TYD CNCM 25R
D	RETARDING ADMIXTURES, TYPE B&D, AQUANIL R	42223				GAL	RET AD TYB&D AQNIL R
D	RETARDING ADMIXTURES, TYPE B, POZZOLITH 220-N	42224				GAL	RET AD TYB POZZ 220N
D	RETARDING ADMIXTURES, TYPE D, POZZOLITH 220-N	42225				GAL	RET AD TYD POZZ 220N
D	RETARDING ADMIXTURES, TYPE B, AQUANIL R	42226				GAL	RET AD TYB AQUANIL R
D	RETARDING ADMIXTURES, TYPE D, AQUANIL R	42227				GAL	RET AD TYD AQUANIL R
D	WATER REDUCING ADMIXTURES, TYPE A, LUBRICON 200 LUBW	42301				GAL	WAREDU AD TYA LUBW
D	WATER REDUCING ADMIXTURES, TYPE A, CHEMSTRONG A STRA	42302				GAL	WAREDU AD TYA A STRA

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WATER REDUCING ADMIXTURES, TYPE A, RELCRETE NW	42303				GAL	WAREDU AD TYA REL NW
D	WATER REDUCING ADMIXTURES, TYPE A, WRDA WRDA	42304				GAL	WAREDU AD TYA WRDA
D	WATER REDUCING ADMIXTURES, TYPE A, WRDA WITH HYCOL HYCL	42305				GAL	WAREDU AD TYA HYCL
D	WATER REDUCING ADMIXTURES, TYPE A, POZZOLITH 84 PZ84	42306				GAL	WAREDU AD TYA PZ84
D	WATER REDUCING ADMIXTURES, TYPE A, AQUANIL ANIL	42307				GAL	WAREDU AD TYA ANIL
D	WATER REDUCING ADMIXTURES, TYPE A, RUMOC RUMO	42308				GAL	WAREDU AD TYA RUMO
D	WATER REDUCING ADMIXTURES, TYPE A, PLASTIMENT N PLAN	42309				GAL	WAREDU AD TYA PLAN
D	WATER REDUCING ADMIXTURES, TYPE F, MIGHTY 150 MITY	42310				GAL	WAREDU AD TYF MITY
D	WATER REDUCING ADMIXTURES, TYPE F, FX-32	42311				GAL	WAREDU AD TYF FX-32
D	WATER REDUCING ADMIXTURES, TYPE F, MELMENT L-10A	42312				GAL	WAREDU AD TYF L-10A
D	WATER REDUCING ADMIXTURES, TYPE A, MULCOPLAST CF	42313				GAL	WAREDU AD TYA MP-CF
D	WATER REDUCING ADMIXTURES, TYPE F, WRDA-19	42314				GAL	WAREDU AD TYF WRDA19
D	WATER REDUCING ADMIXTURES, TYPE A, LOMAR D	42315				GAL	WAREDU AD TYA LOM D
D	WATER REDUCING ADMIXTURES, TYPE A, LUBRICON 300	42316				GAL	WAREDU AD TYA LU300
D	WATER REDUCING ADMIXTURES, TYPE A, LIQUID CEMENT	42317				GAL	WAREDU AD TYA LIQCMT
D	WATER REDUCING ADMIXTURES, TYPE A, PLASTOCRETE 161	42318				GAL	WAREDU AD TYA PLA161
D	WATER REDUCING ADMIXTURES, TYPE F, SIKAMENT 300	42319				GAL	WAREDU AD TYF SIK300
D	WATER REDUCING ADMIXTURES, TYPE A, POZZ 122R	42320				GAL	WAREDU AD TYA PZI22R
D	WATER REDUCING ADMIXTURES, TYPE A, PSI 90	42321				GAL	WAREDU AD TYA PSI 90
D	WATER REDUCING ADMIXTURES, TYPE A, PLACEWEL LS	42322				GAL	WAREDU AD TYA PLCLS
D	WATER REDUCING ADMIXTURES, TYPE A, POZZ 322N	42323				GAL	WAREDU TYA POZZ322N
D	WATER REDUCING ADMIXTURES, TYPE A, REDI-SET	42324				GAL	WAREDU AD TYA RE-SET
D	WATER REDUCING ADMIXTURES, TYPE F, LA-8	42325				GAL	WAREDU AD TYF LA-8
D	WATER REDUCING ADMIXTURE, TYPE A, PRO-KRETE-N3	42326				GAL	WAREDU AD TYA PROKN3

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WATER REDUCING ADMIXTURES, TYPE F A-H SUPER P	42327				GAL	WAREDU AD TYF A-HSUP
D	WATER REDUCING ADMIXTURE, TYPE F, PSP-N2	42328				GAL	WAREDU AD TYF PSP-N2
D	WATER REDUCING ADMIXTURES, TYPE F, POZZOLITH 400N	42329				GAL	WAREDU ADF POZZ400N
D	WATER REDUCING ADMIXTURE, TYPE A, MASTER PAVE	42330				GAL	WAREDU AD TYA MPV
D	WATER REDUCING ADMIXTURES, TYPE A, PSI - NORMAL	42331				GAL	WAREDU AD TYA PSI-N
D	WATER REDUCING ADMIXTURES, TYPE A, UNIPLAST 500N	42332				GAL	WAREDU ADTYA UNI500N
D	WATER REDUCING ADMIXTURES, TYPE F, MELMENT 33	42333				GAL	WAREDU TYF MELMT 33
D	WATER REDUCING ADMIXTURE, TYPE F, MELMENT 50	42334				GAL	WAREDU AD TYF MEL50
D	WATER, REDUCING ADMIXTURE, TYPE G, DARACEM-100	42335				GAL	WAREDU ADTYG DCEM100
D	WATER REDUCING ADMIXTURES, TYPE A, POZZOLITH 220-N	42336				GAL	WAREDU TYA POZZ 220N
D	WATER REDUCING ADMIXTURES, TYPE A, LC-400	42337				GAL	WAREDU TYA LC-400
D	WATER REDUCING ADMIXTURES, TYPE F, EUCON 37	42338				GAL	WAREDU ADTYF EUCON37
D	WATER REDUCING ADMIXTURES, TYPE A, WRDA 82	42339				GAL	WAREDU AD TYA WRDA82
D	WATER REDUCING ADMIXTURES, TYPE A, EUCON WR 75	42340				GAL	WAREDU ADTYA EUCON75
D	WATER REDUCING ADMIXTURES, TYPE G, EUCON 537	42341				GAL	WAREDU TYG EUCON 537
D	WATER REDUCING ADMIXTURES, TYPE D, EUCON 75	42342				GAL	WAREDU TYD EUCON 75
D	WATER REDUCING ADMIXTURES, TYPE A, PSI-300N	42343				GAL	WAREDU TYA PSI-300N
D	WATER REDUCING ADMIXTURES, TYPE F, RHEOBUILD 1000	42344				GAL	WREDU TYF RHEOBD1000
D	WATER REDUCING ADMIXTURES, TYPE F, UNIPLAST 500S	42345				GAL	WREDU TYF UNI500S
D	WATER REDUCING ADMIXTURES, TYPE A, CATEXOL 1000N	42346				GAL	WAREDU AD TYA CAT N
D	WATER REDUCING ADMIXTURES, TYPE F, CATEXOL 1000MN-SP	42347				GAL	WAREDU TYF CAT MN-SP
D	WATER REDUCING ADMIXTURES, TYPE F, PSP-L	42348				GAL	WAREDU TYF PSP-L
D	WATER REDUCING ADMIXTURES, TYPE A MASTER PAVE-N	42349				GAL	WAREDU AD TYA MPV-N
D	WATER REDUCING ADMIXTURES, TYPE F, POZZOLITH 440-N	42350				GAL	WAREDU TYF POZZ 440N

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WATER REDUCING ADMIXTURES, TYPE A, AQUANIL-N	42351				GAL	WAREDU AD TYA ANIL-N
D	WATER REDUCING ADMIXTURES, TYPE A, CORMIX P4	42352				GAL	WAREDU TYA CORMIX P4
D	WATER REDUCING ADMIXTURES, TYPE F, ADMIXTURE LL400-N	42353				GAL	WAREDU TYF ADMX 400N
D	WATER REDUCING ADMIXTURES, TYPE F, CONCHEM SPL	42354				GAL	WAREDU TYF CNCM SPL
D	WATER REDUCING ADMIXTURES, TYPE F, AQUANIL-SL	42355				GAL	WAREDU TYF ANIL-SL
D	WATER REDUCING ADMIXTURES, TYPE A, DARACEM 55	42356				GAL	WAREDU TYA DARACM 55
D	WATER REDUCING ADMIXTURES, TYPE A, POLYHEED	42357				GAL	WAREDU TYA POLYHEED
D	WATER REDUCING ADMIXTURES, TYPE A, PARACEM 50	42358				GAL	WAREDU TYA PRCM 50
D	WATER REDUCING ADMIXTURES, TYPE D, POZZOLITH 220-N	42359				GAL	WAREDU ADTYD POZ220N
D	ACCELERATING ADMIXTURES, TYPE E POZZOLITH 122 HE	42401				GAL	ACC AD TYE POZZ122HE
D	ACCELERATING ADMIXTURES, TYPE E MASTER BUILDERS LL880	42402				GAL	ACC AD TYE MBLL
D	ACCELERATING ADMIXTURES, TYPE C DAREX CORROSION INHIBITOR	42403				GAL	ACC AD TYC DCI
D	ACCELERATING ADMIXTURE, TYPE E, WRDA TYPE III	42404				GAL	ACC AD TYE WRDA TY3
D	ACCELERATING ADMIXTURES, TYPE E, WRDA TYPE III	42405				GAL	ACC AD TYE WRDA TY3
D	ACCELERATING ADMIXTURES, TYPE C POZZOLITH 500	42406				GAL	ACC AD TYC POZZ 500
D	ACCELERATING ADMIXTURES, TYPE C, DARASET	42407				GAL	ACC AD TYC DARASET
D	ACCELERATING ADMIXTURES, TYPE E, DARACCEL	42408				GAL	ACC AD TYE DARACCEL
D	ACCELERATING ADMIXTURES, TYPE C, POZZOLITH 555-A	42409				GAL	ACC AD TYC POZZ555A
D	ACCELERATING ADMIXTURES, TYPE C, PDA HE202	42410				GAL	ACC AD TYC PDA HE202
D	ACCELERATING ADMIXTURES, TYPE E, NCA II	42411				GAL	ACC AD TYE NCA II
D	ACCELERATING ADMIXTURES, TYPE E, POZZUTEC-20	42412				GAL	ACC AD TYE POZZ 20
D	ACCELERATING ADMIXTURES, TYPE E, ACCELGUARD 80	42413				GAL	ACC AD TYE ACCLGRD80
D	ACCELERATING ADMIXTURES, TYPE C, CONCHEM HE 202	42414				GAL	ACC AD TYC CNCMHE202
D	ACCELERATING ADMIXTURES, TYPE C&E, LUBRICON NCA	42415				GAL	ACC AD TYC&E LUB NCA

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REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ACCELERATING ADMIXTURES, TYPE C, LUBRICON NCA	42416				GAL	ACC AD TYC LUB NCA
D	ACCELERATING ADMIXTURES, TYPE E, LUBRICON NCA	42417				GAL	ACC AD TYE LUB NCA
D	ACCELERATING ADMIXTURES, TYPE C, CALCIUM CHLORIDE, LIQUID, M144	42490				GAL	ACC AD TYC CACL M144
D	ACCELERATING ADMIXTURES, TYPE C, CALCIUM CHLORIDE, LIQUID, M144	42490M				LITER	ACC AD TYC CALC M144
	WATER	42501				GAL	WATER
	WATER	42501M				LITER	WATER
	PROTECTIVE COAT	42601				GAL	PROTECTIVE COAT
	PROTECTIVE COAT	42601M				LITER	PROTECTIVE COAT
D	EPOXY RESIN, BONDING ADHESIVE (THREE COMPONENTS)	42700				GAL	EPOXY BOND ADH 3PART
D	EPOXY RESIN, BONDING ADHESIVE (THREE COMPONENTS)	42700M				LITER	EPOXY BOND ADH 3PART
D	EPOXY RESIN, BLACK, BRIDGE SEAL SEALANT	42701				GAL	EPOXY RESIN BLK BSS
D	EPOXY RESIN, BLACK, BRIDGE SEAL SEALANT	42701M				LITER	EPOXY RESIN BLK BSS
	EPOXY RESIN, BONDING ADHESIVE	42702				GAL	EPOXY RESIN BOND ADH
	EPOXY RESIN, BONDING ADHESIVE	42702M				LITER	EPOXY RESIN BOND ADH
D	EPOXY, DURALBOND 100, TYPE I	42703				GAL	EPOXY DRBD 100 TY I
D	EPOXY, DURALBOND 100, TYPE II	42704				GAL	EPOXY DRBD 100 TY II
D	EPOXY, DURALBOND 100, TYPE III	42705				GAL	EPOXY DRBD 100 TYIII
D	EPOXY BRIDGE SEAT SEALER, (BSP)	42706				GAL	EPOXY BR ST SEAL BSP
D	EPOXY, ARALDITE TYPE 1 84-104 F	42707				EA	EPOXY ARAL TI 84-104
D	EPOXY, ARALDITE TYPE 2 57-90 F	42708				EA	EPOXY ARAL T2 57-90
D	EPOXY, ARALDITE TYPE 3 40-63 F	42709				EA	EPOXY ARAL T3 40-63
D	BRIDGE SEAT SEALER, EPOXY PLYSULFIDE, ART 726.02	42710				GAL	BSS EPOXPOLYSULFIDE
D	BRIDGE SEAT SEALER, EPOXY PLYSULFIDE, ART 726.02	42710M				LITER	BSS EPOXPOLYSULFIDE
D	BRIDGE SEAT SEALER, BMPR APPR LIST PROTECRETE	42711				GAL	BSS PROTECRETE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BRIDGE SEAT SEALER, BMPR APPR LIST PROTECRETE	42711M				LITER	BSS PROTECRETE
D	BRIDGE SEAT SEALER, BMPR APPR LIST CARBOCRETE SEALER 700	42712				GAL	BSS CRBOCRTE SLR 700
D	BRIDGE SEAT SEALER, BMPR APPR LIST CARBOCRETE SEALER 700	42712M				LITER	BSS CRBOCRTE SLR 700
D	BRIDGE SEAT SEALER, BMPR APPR LIST SONNEBORN PENETRTRG SLR 40	42713				GAL	BSS SNBN PNTG SLR 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST SONNEBORN PENETRTRG SLR 40	42713M				LITER	BSS SNBN PNTG SLR 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST SIL-ACT MULTIGARD	42714				GAL	BSS SIL-ACT MULTGARD
D	BRIDGE SEAT SEALER, BMPR APPR LIST SIL-ACT MULTIGARD	42714M				LITER	BSS SIL-ACT MULTGARD
D	BRIDGE SEAT SEALER, BMPR APPR LIST WEATHER WORKER S-40	42715				GAL	BSS WETHR WORKR S-40
D	BRIDGE SEAT SEALER, BMPR APPR LIST WEATHER WORKER S-40	42715M				LITER	BSS WETHR WORKR S-40
D	BRIDGE SEAT SEALER, BMPR APPR LIST HYDROZO ENVIROSEAL 40	42716				GAL	BSS HYDRZ ENVROSL 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST HYDROZO ENVIROSEAL 40	42716M				LITER	BSS HYDRZ ENVROSL 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST CHEM-TRETE BSM40	42717				GAL	BSS CHEM-TRET BSM 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST CHEM-TRETE BSM40	42717M				LITER	BSS CHEM-TRET BSM 40
D	BRIDGE SEAT SEALER, BMPR APPR LIST PENTANE	42718				GAL	BSS PENTANE
D	BRIDGE SEAT SEALER, BMPR APPR LIST PENTANE	42718M				LITER	BSS PENTANE
D	BRIDGE SEAT SEALER, BMPR APPR LIST DEEP CONSV. PDCT. NO.1	42719				GAL	BSS DEPCSRV PDCT NO1
D	BRIDGE SEAT SEALER, BMPR APPR LIST DEEP CONSV. PDCT. NO.1	42719M				LITER	BSS DEPCSRY PDCT NO1
D	BRIDGE SEAT SEALER, BMPR APPR LIST TRI-SILANE TK-590	42720				GAL	BSS TRI-SILAN TK-590
D	BRIDGE SEAT SEALER, BMPR APPR LIST TRI-SILANE TK-590	42720M				LITER	BSS TRI-SILAN TK-590
D	BRIDGE SEAT SEALER, BMPR APPR LIST TRI-SILOXANE TK-290	42721				GAL	BSS TRI-SILOX TK-290
D	BRIDGE SEAT SEALER, BMPR APPR LIST TRI-SILOXANE TK-290	42721M				LITER	BSS TRI-SILOX TK-290
D	BRIDGE SEAT SEALER, BMPR APPR LIST HORSEYSET WDE	42722				GAL	BSS HORSEYSET WDE
D	BRIDGE SEAT SEALER, BMPR APPR LIST HORSEYSET WDE	42722M				LITER	BSS HORSEYSET WDE
D	BRIDGE SEAT SEALER, BMPR APPR LIST, BARACADE SILOXANE 16	42723				GAL	BSS BRCADE SILOX 16

SEQ: MATCODE

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REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BRIDGE SEAT SEALER, BMPR APPR LIST, BARCADE SILOXANE 16	42723M				LITER	BSS BRCADE SILOX 16
D	BRIDGE SEAT SEALER, BMPR APPR LIST, TK290WB	42724				GAL	BSS TK290WB
D	BRIDGE SEAT SEALER, BMPR APPR LIST, TK290WB	42724M				LITER	BSS TK290WB
	CONCRETE SEALER, PENETRATING	42725				GAL	CS PENETRATING
	CONCRETE SEALER, PENETRATING	42725M				LITER	CS PENETRATING
	CONCRETE SEALER, FILM FORMING	42726				GAL	CS FILM FORMING
	CONCRETE SEALER, FILM FORMING	42726M				LITER	CS FILM FORMING
D	EPOXY COATING, STEEL REINFORCEMENT & DOWELS	42727				N/A	EPOXY CTG REIN DOWL
D	EPOXY COATING, STEEL REINFORCEMENT & DOWELS	42727M				N/A	EPOXY CTG REINF DOWL
	POLYMERIC RESIN, CRACK FILLER, HIGH FRICTION SURF TREATMENT	42728				GAL	POLY RESN CRFIL HFST
	POLYMERIC RESIN, CRACK FILLER, HIGH FRICTION SURF TREATMENT	42728M				LITER	POLY RESN CRFIL HFST
D	GROUT, POLYESTER ANCHOR	42750				GAL	GROUT POLY ANCHOR
D	GROUT, POLYESTER ANCHOR	42750M				LITER	GROUT POLY ANCHOR
	CHEMICAL ADHESIVE, CARTRIDGE	42751	43			GAL	CHEM ADHES CARTRIDGE
	CHEMICAL ADHESIVE, CARTRIDGE	42751M	43			LITER	CHEM ADHES CARTRIDGE
	CHEMICAL ADHESIVE, CAPSULE	42752	14	61		EA	CHEM ADHES CAP
	CHEMICAL ADHESIVE, CAPSULE	42752M	14	61		EA	CHEM ADHES CAP
D	PENTACHLOROPHENOL	42801				GAL	PENTACHLOROPHENOL
D	CREOSOTE OIL	42802				GAL	CREOSOTE OIL
D	AMMONIACAL COPPER ARSENITE (ACA)	42803				GAL	AMMONIACAL CU ARS
D	CHROMATED COPPER ARSENATE (CCA)	42804				GAL	CHROMATED CU ARS
D	SIGN STRIPPER	42901				GAL	SIGN STRIPPER
D	SIGN STRIPPER	42901M				LITER	SIGN STRIPPER
D	MEMBRANE CURING COMPOUND, TYPE I, W.R. MEADOWS CO.	43001				GAL	MEM CCP TYI WRMEAD

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE CURING COMPOUND, TYPE I, W.R. MEADOWS CO.	43001M				LITER	MEM CCP TYI WRMEAD
D	MEMBRANE CURING COMPOUND, TYPE I, EUCLID CHEM.	43002				GAL	MEM CCP TY1 EUCLID
D	MEMBRANE CURING COMPOUND, TYPE I, DARLING CO	43003				GAL	MEM CCP TYI DARL
D	MEMBRANE CURING COMPOUND, TYPE I, W.R. GRACE & CO.	43004				GAL	MEM CCP TYI WRGRACE
D	MEMBRANE CURING COMPOUND, TYPE I, DSG CHEMICAL	43005				GAL	MEM CCP TYI DSG
D	MEMBRANE CURING COMPOUND, TYPE I, XTENDON	43006				GAL	MEM CCP TYI XTENDON
D	MEMBRANE CURING COMPOUND, TYPE I, DSC	43007				GAL	MEM CCP TYI DSC
D	MEMBRANE CURING COMPOUND, TYPE I, DSC	43007M				LITER	MEM CCP TYI DSC
D	MEMBRANE CURING COMPOUND, TYPE I, SYMONS CORP., WB	43008				GAL	MEM CCP TYI SYMON WB
D	MEMBRANE CURING COMPOUND, TYPE I, SYMONS CORP., WB	43008M				LITER	MEM CCP TYI SYMON WB
D	MEMBRANE CURING COMPOUND, TYPE I, TAMMS, LINSEED OIL	43009				GAL	MEM CCP TYI TAMMS LO
D	MEMBRANE CURING COMPOUND, TYPE I, TAMMS, LINSEED OIL	43009M				LITER	MEM CCP TYI TAMMS LO
D	MEMBRANE CURING COMPOUND,TYPE I, TK PROD 5386CL	43010				GAL	MEM CCP TYI TK5386CL
D	MEMBRANE CURING COMPOUND,TYPE I, TK PROD 5386CL	43010M				LITER	MEM CCP TYI TK5386CL
D	MEMBRANE CURING COMPOUND, TYPE I, VEXCON	43011				GAL	MEM CCP TYI VEXCON
D	MEMBRANE CURING COMPOUND, TYPE I, VEXCON	43011M				LITER	MEM CCP TYI VEXCON
D	MEMBRANE CURING COMPOUND, TYPE I, DSC J11W	43012				GAL	MEM CCP TYI DSC J11W
D	MEMBRANE CURING COMPOUND, TYPE I, DSC J11W	43012M				LITER	MEM CCP TYI DSC J11W
D	MEMBRANE CURING COMPOUND,TYPE ICONSPEC,WB RESIN CURE	43013				GAL	MEM CCP TYI CSPC WB
D	MEMBRANE CURING COMPOUND,TYPE ICONSPEC,WB RESIN CURE	43013M				LITER	MEM CCP TYI CSPC WB
D	MEMBRANE CURING COMPOUND, TYPE 1, RICHMOND SCREW, WB	43014				GAL	MEM CCP TYI RCHMD WB
D	MEMBRANE CURING COMPOUND, TYPE I, RICHMOND SCREW, WB	43014M				LITER	MEM CCP TYI RCHMD WB
D	MEMBRANE CURING COMPOUND,TYPE I,CONSPEC,D.O.T. RESIN CURE	43015M				LITER	MEM CCP TYI CSPC DOT
D	MEMBRANE CURING COMPOUND,TYPE I,HIGHWAY ALL RESIN CURE	43016M				LITER	MEM CCP TYI HWY CURE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE CURING COMPOUND,TYPE I,CONSPEC ALL RESIN CLEAR	43017M				LITER	MEM CCP TYI CSPCLEAR
	MEMBRANE CURING COMPOUND, TYPE I, WATER	43018				GAL	MEMCCP TYI WATER
	MEMBRANE CURING COMPOUND, TYPE I, WATER	43018M				LITER	MEMCCP TYI WATER
D	MEMBRANE CURING COMPOUND, TYPE I, SOLVENT	43019				GAL	MEMCCP TYI SOLVENT
D	MEMBRANE CURING COMPOUND, TYPE I, SOLVENT	43019M				LITER	MEMCCP TYI SOLVENT
	MEMBRANE CURING COMPOUND, TYPE I, LINSEED OIL EMULSION	43020				GAL	MEMCCP TYI LINOIL EM
	MEMBRANE CURING COMPOUND, TYPE I, LINSEED OIL EMULSION	43020M				LITER	MEMCCP TYI LINOIL EM
D	MEMBRANE CURING COMPOUND, TYPE II, W.R. GRACE & CO.	43101				GAL	MEM CCP TYII WRGRACE
D	MEMBRANE CURING COMPOUND, TYPE II, W.R. MEADOWS CO.	43102				GAL	MEM CCP TYII WRMEAD
D	MEMBRANE CURING COMPOUND, TYPE II, W.R. MEADOWS CO.	43102M				LITER	MEM CCP TYII WRMEAD
D	MEMBRANE CURING COMPOUND, TYPE II, PROTEX INDUSTRIES	43103				GAL	MEM CCP TYII PROTEX
D	MEMBRANE CURING COMPOUND, TYPE II, SIKA CHEMICAL CO.	43104				GAL	MEM CCP TYII SIKA
D	MEMBRANE CURING COMPOUND, TYPE II, MURPHY-PHOENIX	43105				GAL	MEM CCP TYII MURPHY
D	MEMBRANE CURING COMPOUND, TYPE II, DSC	43106				GAL	MEM CCP TYII DSC
D	MEMBRANE CURING COMPOUND, TYPE II, DSC	43106M				LITER	MEM CCP TYII DSC
D	MEMBRANE CURING COMPOUND, TYPE II, DARLING CO	43107				GAL	MEM CCP TYII DARL
D	MEMBRANE CURING COMPOUND, TYPE II, A.C. HORN	43108				GAL	MEM CCP TYII HORN
D	MEMBRANE CURING COMPOUND, TYPE II XTENDON	43109				GAL	MEM CCP TYII XTENDON
D	MEMBRANE CURING COMPOUND, TYPE II,TK PROD 5386RD	43110				GAL	MEM CCPTYII TK5386RD
D	MEMBRANE CURING COMPOUND, TYPE II,TK PROD 5386RD	43110M				LITER	MEM CCPTYII TK5386RD
D	MEMBRANE CURING COMPOUND, TYPE II, SYMONS CORP, WB	43111				GAL	MEM CCP TYII SY WB
D	MEMBRANE CURING COMPOUND, TYPE II, SYMONS CORP, WB	43111M				LITER	MEM CCP TYII SY WB
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC CURE 636	43112				GAL	MEM CCP TYII CURE636
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC CURE 636	43112M				LITER	MEM CCP TYII CURE636

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC, WB RESIN CURE	43113				GAL	MEM CCP TYII CSPC WB
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC, WB RESIN CURE	43113M				LITER	MEM CCP TYII CSPC WB
D	MEMBRANE CURING COMPOUND, CONSPEC, ALL RESIN	43114				GAL	MEM CCP TYII CSPCALL
D	MEMBRANE CURING COMPOUND, CONSPEC, ALL RESIN	43114M				LITER	MEM CCP TYII CSPCALL
D	MEMBRANE CURING COMPOUND, TYPE II, RICHMOND SCREW WB	43115				GAL	MEM CCP TYII RCHMDWB
D	MEMBRANE CURING COMPOUND, TYPE II, RICHMOND SCREW WB	43115M				LITER	MEM CCP TYII RCHMDWB
D	MEMBRANE CURING COMPOUND, TYPE II, DSC REZCURE J11W	43116				GAL	MEM CCP TYII DSCJ11W
D	MEMBRANE CURING COMPOUND, TYPE II, DSC REZCURE J11W	43116M				LITER	MEM CCP TYII DSCJ11W
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC DOT RESIN CURE II	43117	19			GAL	MEM CCP TYII CUREII
D	MEMBRANE CURING COMPOUND, TYPE II, CONSPEC DOT RESIN CURE II	43117M	19			LITER	MEM CCP TYII CUREII
D	MEMBRANE CURING COMPOUND, TY II, HWY ALL RESIN CURE WITH DYE	43118M				LITER	MEM CCP TYII HWY CUR
	MEMBRANE CURING COMPOUND, TYPE II, WATER	43119				GAL	MEMCCP TYII WATER
	MEMBRANE CURING COMPOUND, TYPE II, WATER	43119M				LITER	MEMCCP TYII WATER
D	MEMBRANE CURING COMPOUND, TYPE II, SOLVENT	43120				GAL	MEMCCP TYII SOLVENT
D	MEMBRANE CURING COMPOUND, TYPE II, SOLVENT	43120M				LITER	MEMCCP TYII SOLVENT
D	MEMBRANE CURING COMPOUND, TYPE II, W.R. MEADOWS, WATER	43121M				LITER	MEM CCP II MEAD H2O
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. GRACE & CO.	43201				GAL	MEM CCP TYIII WRGRAC
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS WP45	43202				GAL	MEM CCP TYIII WP45
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS WP45	43202M				LITER	MEM CCP TYIII WP45
D	MEMBRANE CURING COMPOUND, TYPE III, MURPHY PHOENIX CO	43203				GAL	MEM CCP TYIII MURPHY
D	MEMBRANE CURING COMPOUND, TYPE III, CARTER WATERS CO.	43204				GAL	MEM CCP TYIII CARWAT
D	MEMBRANE CURING COMPOUND, TYPE III, LOWERY CHEM.	43205				GAL	MEM CCP TYIII LOWERY
D	MEMBRANE CURING COMPOUND, TYPE III, EUCLID CHEM.	43206				GAL	MEM CCP TYIII EUCLID
D	MEMBRANE CURING COMPOUND, TYPE III, DSC	43207				GAL	MEM CCP TYIII DSC

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE CURING COMPOUND, TYPE III, DSC	43207M				LITER	MEM CCP TYIII DSC
D	MEMBRANE CURING COMPOUND, TYPE III, DARLING CO	43208				GAL	MEM CCP TYIII DARL
D	MEMBRANE CURLING COMPOUND, TYPE II, A.C.HORN	43209				GAL	MEM CCP TYII HORN
D	MEMBRANE CURING COMPOUND, TYPE I, DSC	43210				GAL	MEM CCP TYI DSC
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS WB-W45	43211				GAL	MEM CCP TYIII WB-W45
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS WB-W45	43211M				LITER	MEM CCP TYIII WB-W45
D	MEMBRANE CURING COMPOUND, TYPE III, XTENDON	43212				GAL	MEM CCP TYIII XTENDN
D	MEMBRANE CURING COMPOUND, TYPE III, XTENDON, RESIN BASE	43213				GAL	MEM CCP TYIII XTD RB
D	MEMBRANE CURING COMPOUND, TYPE III, SPRAY-CURE CO.	43214				GAL	MEM CCP TYIII SPRAY
D	MEMBRANE CURING COMPOUND, TYPE III, SPRAY-CURE CO.	43214M				LITER	MEM CCP TYIII SPRAY
D	MEMBRANE CURING COMPOUND, TYPE III, TRI-STATE CHEM CO	43215				GAL	MEMCCP TYIII TRISTAT
D	MEMBRANE CURING COMPOUND, TYPE III, TRI-STATE CHEM CO	43215M				LITER	MEMCCP TYIII TRISTAT
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS 2230W	43216				GAL	MEM CC TYIII WRM2230
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS 2230W	43216M				LITER	MEM CC TYIII WRM2230
D	MEMBRANE CURING COMPOUND, TYPE III, SPRAY-CURE CO. WB	43217				GAL	MEMCCP TYIII SPRAYWB
D	MEMBRANE CURING COMPOUND, TYPE III, SPRAY-CURE CO. WB	43217M				LITER	MEMCCP TYIII SPRAYWB
D	MEMBRANE CURING COMPOUND, TYPE III, SYMONS CORP., WB	43218				GAL	MEM CCP TYIII SY WB
D	MEMBRANE CURING COMPOUND, TYPE III, SYMONS CORP., WB	43218M				LITER	MEM CCP TYIII SY WB
D	MEMBRANE CURING COMPOUND,TYPE III,TAMMS,LINSEED OIL	43219				GAL	MEM CCP TYIII TAM LO
D	MEMBRANE CURING COMPOUND,TYPE III,TAMMS,LINSEED OIL	43219M				LITER	MEM CCP TYIII TAM LO
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS 1640	43220				GAL	MEMCCP TYIII WRM1640
D	MEMBRANE CURING COMPOUND, TYPE III, W.R. MEADOWS 1640	43220M				LITER	MEMCCP TYIII WRM1640
D	MEMBRANE CURING COMPOUND, TYPE III, DSC J-9	43221				GAL	MEMCCP TYIII DSC J-9
D	MEMBRANE CURING COMPOUND, TYPE III, DSC J-9	43221M				LITER	MEMCCP TYIII DSC J-9

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MEMBRANE CURING COMPOUND, TYPE III,TK PROD 5387	43222				GAL	MEM CCP TYIII TK5387
D	MEMBRANE CURING COMPOUND, TYPE III,TK PROD 5387	43222M				LITER	MEM CCP TYIII TK5387
D	MEMBRANE CURING COMPD,TYPE III,WRM SEALTITE LINSEAL	43223				GAL	MEMCCP III STLINSEAL
D	MEMBRANE CURING COMPD,TYPE III,WRM SEALTITE LINSEAL	43223M				LITER	MEMCCP III STLINSEAL
D	MEMBRANE CURING COMPOUND, TYPE III, L&M CURED W-2	43224				GAL	MEMCCP TYIII LMCRDW2
D	MEMBRANE CURING COMPOUND, TYPE III, L&M CURED W-2	43224M				LITER	MEMCCP TYIII LMCRDW2
D	MEMBRANE CURING COMPOUND,TYPE III,CONSPEC DOT CURE WW 30%	43225				GAL	MEMCCP TYIII DOTWW30
D	MEMBRANE CURING COMPOUND,TYPE III,CONSPEC DOT CURE WW 30%	43225M				LITER	MEMCCP TYIII DOTWW30
D	MEMBRANE CURING COMPOUND, TYPE III, RICHMOND SCREW WB	43226				GAL	MEMCCP III, RCHMD WB
D	MEMBRANE CURING COMPOUND, TYPE III, RICHMOND SCREW WB	43226M				LITER	MEMCCP III, RCHMD WB
D	MEMBRANE CURING COMPOUND, TYPE III, CONSPEC DOT CURE WW-3	43227M				LITER	MEMCCP TYIII DOTWW3
D	MEMBRANE CURING COMPOUND,TY III,HIGHWAY WHITE CURE WB	43228M				LITER	MEM CCP TYIII HWYCUR
D	MEMBRANE CURING COMPOUND,TYPE III,W.R.MEADOWS 1645	43229M				LITER	MEMCCP TYIII WRM1645
	MEMBRANE CURING COMPOUND, TYPE III, WATER	43230				GAL	MEMCCP TYIII WATER
	MEMBRANE CURING COMPOUND, TYPE III, WATER	43230M				LITER	MEMCCP TYIII WATER
D	MEMBRANE CURING COMPOUND, TYPE III, SOLVENT	43231				GAL	MEMCCP TYIII SOLVENT
D	MEMBRANE CURING COMPOUND, TYPE III, SOLVENT	43231M				LITER	MEMCCP TYIII SOLVENT
D	ANTI-STRIPPING AGENT	43301				GAL	ANTI STRIPPING AGENT
D	RELEASE AGENT, ASPHALT	43400				GAL	REL AGENT ASPHALT
D	RELEASE AGENT, ASPHALT	43400M				LITER	REL AGENT ASPHALT
D	ADDITIVE, TIZE	43401				GAL	ADDITIVE TIZE
D	ADDITIVE, RODE-RITE	43402				GAL	ADDITIVE RODE-RITE
	ADDITIVE, PAVE 192	43403				GAL	ADDITIVE PAVE 192
	ADDITIVE, PAVE 192	43403M				LITER	ADDITIVE PAVE 192

SEQ: MATCODE

MATERIAL GROUP: 420 CHEMICALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, CROWN	43404				GAL	ADDITIVE CROWN
D	ADDITIVE, DRIFT CONTROL	43405				GAL	ADDITIVE DRIFT CONTR
D	ADDITIVE, SYLVAX UPM	43406				GAL	ADDITIVE SYLVAX UPM
D	ADDITIVE, PAVE BOND	43407				GAL	ADDITIVE PAVE BOND
D	ADDITIVE, REDICOTE 80-S	43408				GAL	ADDITIVE RDICOTE 80S
D	ADDITIVE, REDICOTE 81-S	43409				GAL	ADDITIVE RDICOTE 81S
	ADDITIVE, ACRA 500	43410				GAL	ADDITIVE ACRA 500
	ADDITIVE, ACRA 500	43410M				LITER	ADDITIVE ACRA 500
D	ADDITIVE, NOSTRIP SUPER CONCENTRATE	43411				GAL	ADDITIVE NOSTRIP SUP
D	ADDITIVE, KLING BETA X-22	43412				GAL	ADDITIVE KLG BETAX22
	ADDITIVE, REDICOTE 82-S	43413				GAL	ADD. REDICOTE 82-S
	ADDITIVE, REDICOTE 82-S	43413M				LITER	ADD. REDICOTE 82-S
D	ADDITIVE, EMERY 6860	43414				GAL	ADD. EMERY 6860
D	ADDITIVE, TOPIABLE	43415				GAL	ADDITIVE TOPIABLE
D	ADDITIVE, RECOFAVE	43416				GAL	ADDITIVE RECOFAVE
D	ADDITIVE, PAVE BOND 192	43417				GAL	ADDITIVE PAVEBOND192
D	ADDITIVE, PAVE BOND LP	43418				GAL	ADDITIVE PAVEBOND LP
D	ADDITIVE, PAVE BOND LP	43418M				LITER	ADDITIVE PAVEBOND LP
D	ADDITIVE, PAVE BOND SPECIAL	43419				GAL	ADDITIVE PAVEBOND SP
D	ADDITIVE, PAVE BOND SPECIAL	43419M				LITER	ADDITIVE PAVEBOND SP
D	ADDITIVE, PAVEBOND AP	43420				GAL	ADDITIVE PAVEBOND AP
D	ADDITIVE, PAVEBOND AP	43420M				LITER	ADDITIVE PAVEBOND AP
D	ADDITIVE, PAVE BOND AP SPECIAL	43421				GAL	ADDITIVE PAVBONDAPSP
D	ADDITIVE, PAVE BOND AP SPECIAL	43421M				LITER	ADDITIVE PAVBONDAPSP

SEQ: MATCODE MATERIAL GROUP: 420 CHEMICALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, KLING BETA 200	43422				GAL	ADDITIVE KLG BETA200
D	ADDITIVE, KLING BETA 2550	43423				GAL	ADD KLG BETA 2550
D	ADDITIVE, KLING BETA 1000-3	43424				GAL	ADDITIVE KLGB 1000-3
D	ADDITIVE, KLING REFINERY GRADE	43425				GAL	ADDITIVE KLG REF GR
D	ADDITIVE, SUPER CONCENTRATE AT50	43426				GAL	ADDITIVE SCAT 50
D	ADDITIVE, ACRA 400	43427				GAL	ADDITIVE ACRA 400
	ADDITIVE, SUPER CONCENTRATE 901	43428				GAL	ADDITIVE SC901
	ADDITIVE, SUPER CONCENTRATE 901	43428M				LITER	ADDITIVE SC901
D	ADDITIVE, TECHNI-HIB 7175	43429				GAL	ADDITIVE TECHIB 7175
D	ADDITIVE, TECHNI-HIB 7176	43430				GAL	ADDITIVE TECHIB 7176
D	ADDITIVE, INDULIN AS-SPECIAL	43431				GAL	ADDITIVE INDO AS-SPC
D	ADDITIVE, ASPHALT, LATEX	43432				GAL	ADDITIVE ASPH LATEX
D	ADDITIVE, KLING BETA XP-251	43433				GAL	ADDITIVE KLBTA XP251
D	ADDITIVE, KLING BETA 500	43434				GAL	ADDITIVE KLGBETA 500
D	ADDITIVE, KLING BETA 510	43435				GAL	ADDITIVE KLGBETA 510
D	ADDITIVE, ACRA 1000	43436				GAL	ADDITIVE ACRA 1000
D	ADDITIVE, TAA-3700	43437				GAL	ADDITIVE TAA3700
D	ADDITIVE, REDICOTE N 422	43438				GAL	ADDITIVE RDICOTEN422
D	ADDITIVE, BA 2000	43439				GAL	ADDITIVE BA 2000
D	ADDITIVE, BA 2000	43439M				LITER	ADDITIVE BA 2000
D	ADDITIVE, INDULIN AS-1	43440				TONS	ADDITIVE INDO AS-1
D	ADDITIVE, AQUA-SHIELD TM AS4115	43441				GAL	ADDITIVE AS4115
D	ADDITIVE, AQUA-SHIELD TM AS4115	43441M				LITER	ADDITIVE AS4115
D	ADDITIVE, ROSPHALT 50	43442				LB	ADDITIVE ROSPHALT 50

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, ACRA 2000	43443				GAL	ADDITIVE ACRA 2000
D	ADDITIVE, ACRA 2000	43443M				LITER	ADDITIVE ACRA 2000
	ADDITIVE, AD-HERE CB	43444				GAL	ADDITIVE AD-HERE CB
	ADDITIVE, AD-HERE CB	43444M				LITER	ADDITIVE AD-HERE CB
D	ADDITIVE, AD-HERE HP	43445				GAL	ADDITIVE AD-HERE HP
	ADDITIVE, REDICOTE 90-S	43446				GAL	ADDITIVE RDICOTE90S
	ADDITIVE, REDICOTE 90-S	43446M				LITER	ADDITIVE RDICOTE90S
D	ADDITIVE, REDICOTE 91-S	43447				GAL	ADDITIVE RDICOTE91S
D	ADDITIVE, REDICOTE 91-S	43447M				LITER	ADDITIVE RDICOTE91S
D	ADDITIVE, TOMAH 101-25-B	43448				GAL	ADDITIVE 101-25-B
D	ADDITIVE, TOMAH 101-25-B	43448M				LITER	ADDITIVE 101-25-B
D	ADDITIVE, AQUASHIELD III	43449				GAL	ADDITIVE AQSLD III
D	ADDITIVE, AQUASHIELD III	43449M				LITER	ADDITIVE AQSLD III
D	ADDITIVE, KLING BETA 2550 (HM)	43450				GAL	ADD KLINGBETA 2550HM
	ADDITIVE, PAVE BOND LITE	43451				GAL	ADDITIVE PAVBONDLITE
	ADDITIVE, PAVE BOND LITE	43451M				LITER	ADDITIVE PAVBONDLITE
	ADDITIVE, AD-HERE HP PLUS	43452				GAL	ADD ADHERE HP PLUS
	ADDITIVE, AD-HERE HP PLUS	43452M				LITER	ADD ADHERE HP PLUS
D	ADDITIVE, ACRA 7000	43453				GAL	ADDITIVE ACRA 7000
D	ADDITIVE, ACRA 7000	43453M				LITER	ADDITIVE ACRA 7000
D	ADDITIVE AD-150	43454				GAL	ADDITIVE AD-150
D	ADDITIVE AD-150	43454M				LITER	ADDITIVE AD-150
D	ADDITIVE, OS#81406F	43455				GAL	ADDITIVE OS#81406F
D	ADDITIVE, UNICHEM 8161	43456				GAL	ADD UNICHEM 8161

SEQ: MATCODE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, UNICHEM 8161	43456M				LITER	ADD UNICHEM 8161
	ADDITIVE, UNICHEM 8162	43457				GAL	ADD UNICHEM 8162
	ADDITIVE, UNICHEM 8162	43457M				LITER	ADD UNICHEM 8162
D	ADDITIVE, ACRA 4000	43458				GAL	ADDITIVE ACRA 4000
D	ADDITIVE, ACRA 4000	43458M				LITER	ADDITIVE ACRA 4000
D	ADDITIVE, ACAR 90058	43459				GAL	ADDITIVE ACAR 90058
D	ADDITIVE, WETFIX C	43460				GAL	ADDITIVE WETFIX C
D	ADDITIVE, WETFIX C	43460M				LITER	ADDITIVE WETFIX C
D	ADDITIVE, REDICOTE 95-S	43461				GAL	ADDITIVE REDICOTE95S
D	ADDITIVE, REDICOTE 95-S	43461M				LITER	ADDITIVE REDICOTE95S
D	ADDITIVE, AD 141	43462				GAL	ADDITIVE AD 141
D	ADDITIVE, WETFIX 100	43463				GAL	ADDITIVE WETFIX 100
D	ADDITIVE, WETFIX 100	43463M				LITER	ADDITIVE WETFIX 100
D	ADDITIVE, WETFIX 200	43464				GAL	ADDITIVE WETFIX 200
D	ADDITIVE, WETFIX 200	43464M				LITER	ADDITIVE WETFIX 200
D	ADDITIVE, WETFIX 300	43465				GAL	ADDITIVE WETFIX 300
D	ADDITIVE, WETFIX 300	43465M				LITER	ADDITIVE WETFIX 300
	ADDITIVE, KLING BETA 2700	43466				GAL	ADD KLINGBETA 2700
	ADDITIVE, KLING BETA 2700	43466M				LITER	ADD KLINGBETA 2700
D	ADDITIVE, ACRA 5092	43467				GAL	ADDITIVE ACRA 5092
D	ADDITIVE, ACRA 5092	43467M				LITER	ADDITIVE ACRA 5092
	ADDITIVE, AD-HERE LOF 65-00 LS	43468				GAL	ADD ADHERE LOF6500LS
	ADDITIVE, AD-HERE LOF 65-00 LS	43468M				LITER	ADD ADHERE LOF6500LS
	ADDITIVE, AD-HERE LOF 65-00	43469				GAL	ADD ADHERE LOF6500

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ADDITIVE, AD-HERE LOF 65-00	43469M				LITER	ADD ADHERE LOF6500
D	ADDITIVE, AGGRI-GRIP	43470				GAL	ADD AGGRI-GRIP
D	ADDITIVE, AGGRI-GRIP	43470M				LITER	ADD AGGRI-GRIP
D	ADDITIVE, WETFIX 350	43471				GAL	ADDITIVE WETFIX 350
D	ADDITIVE, WETFIX 350	43471M				LITER	ADDITIVE WETFIX 350
D	ADDITIVE, WETFIX 300-N	43472				GAL	ADDITIVE WETFIX 300N
D	ADDITIVE, WETFIX 300-N	43472M				LITER	ADDITIVE WETFIX 300N
D	ADDITIVE, AROSURF AA-123D	43473				GAL	ADD AROSURF AA-123D
D	ADDITIVE, AROSURF AA-123D	43473M				LITER	ADD AROSURF AA-123D
D	ADDITIVE, AROSURF AA-124	43474				GAL	ADD AROSURF AA-124
D	ADDITIVE, AROSURF AA-124	43474M				LITER	ADD AROSURF AA-124
D	ADDITIVE, ECOSAFE 2000	43475				GAL	ADD ECOSAFE 2000
D	ADDITIVE, ECOSAFE 2000	43475M				LITER	ADD ECOSAFE 2000
D	ADDITIVE, ECOSAFE 2090	43476				GAL	ADD ECOSAFE 2090
D	ADDITIVE, ECOSAFE 2090	43476M				LITER	ADD ECOSAFE 2090
	ADDITIVE, MORLIFE 3300	43477				GAL	ADD MORLIFE 3300
	ADDITIVE, MORLIFE 3300	43477M				LITER	ADD MORLIFE 3300
	ADDITIVE, AD-HERE 66-01 LS	43478				GAL	ADD ADHERE 6601LS
	ADDITIVE, AD-HERE 66-01 LS	43478M				LITER	ADD ADHERE 6601LS
	ADDITIVE, PERMA-TAC PLUS	43479				GAL	ADD PERMA-TAC PLUS
	ADDITIVE, PERMA-TAC PLUS	43479M				LITER	ADD PERMA-TAC PLUS
D	ADDITIVE, ECOSAFE 2092	43480				GAL	ADD ECOSAFE 2092
D	ADDITIVE, PAVE BOND T-LITE	43481				GAL	ADD PV BND T LITE
D	ADDITIVE, PAVE BOND T-LITE	43481M				LITER	ADD PV BND T LITE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, MOR-LIFE 3300	43482				GAL	ADD MORLIFE 3300
D	ADDITIVE, MOR-LIFE 3300	43482M				LITER	ADD MORLIFE 3300
D	ADDITIVE, WETFIX 400	43484M				LITER	ADDITIVE WETFIX 400
	ADDITIVE, KLING BETA 2912	43485				GAL	ADD KLING BETA 2912
	ADDITIVE, KLING BETA 2912	43485M				LITER	ADD KLING BETA 2912
D	ADDITIVE, QPR 2000	43486M				LITER	ADD QPR 2000
	ADDITIVE, VISURF 129-A	43487				GAL	ADD VISURF 129-A
	ADDITIVE, VISURF 129-A	43487M				LITER	ADD VISURF 129-A
	ADDITIVE, AD-HERE 77-00	43488				GAL	ADD AD-HERE 77-00
	ADDITIVE, AD-HERE 77-00	43488M				LITER	ADD AD-HERE 77-00
D	ADDITIVE, MORLIFE 300	43489				GAL	ADD MORLIFE 300
D	ADDITIVE, MORLIFE 300	43489M				LITER	ADD MORLIFE 300
D	ADDITIVE, MORLIFE 2200	43490				GAL	ADD MORLIFE 2200
D	ADDITIVE, MORLIFE 2200	43490M				LITER	ADD MORLIFE 2200
	ADDITIVE, CORSABOND 300	43491				GAL	ADD CORSABOND 300
	ADDITIVE, CORSABOND 300	43491M				LITER	ADD CORSABOND 300
D	ADDITIVE, CORSABOND 301	43492				GAL	ADD CORSABOND 301
D	ADDITIVE, CORSABOND 301	43492M				LITER	ADD CORSABOND 301
	ADDITIVE, AD-HERE 250	43493				GAL	ADD ADHERE 250
	ADDITIVE, AD-HERE 250	43493M				LITER	ADD ADHERE 250
	ADDITIVE, HYPER 129-A	43494				GAL	ADD HYPER 129-A
	ADDITIVE, HYPER 129-A	43494M				LITER	ADD HYPER 129-A
	ADDITIVE, CELLULOSE FIBERS	43495				LB	ADD CELLULOSE FIBERS
	ADDITIVE, CELLULOSE FIBERS	43495M				KG	ADD CELLULOSE FIBERS

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ADDITIVE, MINERAL FIBERS	43496				LB	ADD MINERAL FIBERS
	ADDITIVE, MINERAL FIBERS	43496M				KG	ADD MINERAL FIBERS
	ADDITIVE, RUBBER, POUNDS	43497				LB	ADDITIVE RUBBER LB
	ADDITIVE, RUBBER, POUNDS	43497M				KG	ADDITIVE RUBBER LB
	ADDITIVE, RUBBER, TONS	43498				TONS	ADDITIVE RUBBER TONS
	ADDITIVE, RUBBER, TONS	43498M				M TON	ADDITIVE RUBBER TONS
D	ADDITIVE, INVESTIGATIVE	43499	61			GAL	ADDITIVE INVEST
D	ADDITIVE, INVESTIGATIVE	43499M	61			LITER	ADDITIVE INVEST
D	ASPHALT, CHEM-CRETE	43500				GAL	ASPHALT CHEM-CRETE
D	ASPHALT, CHEM-CRETE	43500M				LITER	ASPHALT CHEM-CRETE
	REJUVENATING AGENT	43501				GAL	REJUVENATING AGENT
	REJUVENATING AGENT	43501M				LITER	REJUVENATING AGENT
	ADDITIVE, AD-HERE 65-50	43502				GAL	ADD ADHERE 6550
	ADDITIVE, AD-HERE 65-50	43502M				LITER	ADD ADHERE 6550
	ADDITIVE, UNICHEM 8163	43503				GAL	ADD UNICHEM 8163
	ADDITIVE, UNICHEM 8163	43503M				LITER	ADD UNICHEM 8163
	ADDITIVE, AD-HERE 240	43504				GAL	ADD ADHERE 240
D	ADDITIVE, PAVEGRIP 200	43505				GAL	ADD PAVEGRIP 200
D	ADDITIVE, PAVEGRIP 400	43506				GAL	ADD PAVEGRIP 400
D	ADDITIVE, PAVEGRIP 350	43507				GAL	ADD PAVEGRIP 350
D	ADDITIVE, PAVEGRIP CM	43508				GAL	ADD PAVEGRIP CM
	ADDITIVE, KLING BETA 2914	43509				GAL	ADD KLING BETA 2914
	ADDITIVE, WETFIX 312	43510				GAL	ADD WETFIX 312
	ADDITIVE, PAVEGRIP 250	43511				GAL	ADD PAVEGRIP 250

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ADDITIVE, HYPERSTICK 2000	43512				GAL	ADD HYPERSTICK 2000
	ADDITIVE, HPM	43513				GAL	ADD HPM
	ADDITIVE, HPM PLUS	43514				GAL	ADD HPM PLUS
	ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, STRUCTURAL	43515				LB	ADD SYN FIB CON STRU
	ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, STRUCTURAL	43515M				KG	ADD SYN FIB CONC TY3
	ADDITIVE, PAVEGRIP 550	43516				GAL	ADD PAVEGRIP 550
	ADDITIVE, EVOTHERM A1	43517				GAL	ADD EVOTHERM A1
	ADDITIVE, EVOTHERM A1	43517M				LITER	ADD EVOTHERM A1
	ADDITIVE, EVOTHERM J1	43518				GAL	ADD EVOTHERM J1
	ADDITIVE, EVOTHERM J1	43518M				LITER	ADD EVOTHERM J1
	ADDITIVE, POLYPROPYLENE FIBERS	43519				LB	ADD POLYPROP FIBER
	ADDITIVE, POLYPROPYLENE FIBERS	43519M				KG	ADD POLYPROP FIBER
	ADDITIVE, MORLIFE 5000	43520				GAL	ADD MORLIFE 5000
	ADDITIVE, MORLIFE 5000	43520M				LITER	ADD MORLIFE 5000
	ADDITIVE, PAVEGRIP 519	43521				GAL	ADD PAVEGRIP 519
	ADDITIVE, PAVEGRIP 519	43521M				LITER	ADD PAVEGRIP 519
	ADDITIVE, EVOTHERM M1	43522				GAL	ADD EVOTHERM M1
	ADDITIVE, EVOTHERM M1	43522M				LITER	ADD EVOTHERM M1
	ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, NON-STRUCTURAL	43523				LB	ADD SYN FIB CON NONS
	ADDITIVE, SYNTHETIC FIBERS FOR CONCRETE, NON-STRUCTURAL	43523M				KG	ADD SYN FIB CON NONS
	ADDITIVE, PAVEGRIP 529	43524				GAL	ADD PAVEGRIP 529
	ADDITIVE, PAVEGRIP 529	43524M				LITER	ADD PAVEGRIP 529
D	CURE, LINSEED OIL EMULSION, 44-1	43600				GAL	CURE LNSED EMUL 44-1
D	CURE, LINSEED OIL EMULSION NP-55	43601				GAL	CURE LNSED EMUL NP55

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONC, CRETEFOAM CMX	43602				GAL	ADD FOAM CRTEFM CMX
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONC, CRETEFOAM CMX	43602M				LITER	ADD FOAM CRTEFM CMX
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, AERLITE	43603				GAL	ADD FOAM AERLITE
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, AERLITE	43603M				LITER	ADD FOAM AERLITE
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, ELASTIZEL JLE	43604				GAL	ADD FOAM JLE
	ADDITIVE, FOAMING AGENT FOR CELLULAR CONCRETE, ELASTIZEL JLE	43604M				LITER	ADD FOAM JLE
	CHEM ADMIXTURE, LATEX EMULSION	43700				GAL	ADMX LATEX EMUL
	CHEM ADMIXTURE, LATEX EMULSION	43700M				LITER	ADMX LATEX EMUL
D	CHEM ADMIXTURE, AASHTO M194, TY A, B, CATEXOL 1000N	43701	TY A	H2OREDUC		GAL	ADMX TYAB CATXL N
D	CHEM ADMIXTURE, AASHTO M194, TY A, B, CATEXOL 1000N	43701M	TY A	H2OREDUC		LITER	ADMX TYAB CATXL N
D	CHEM ADMIXTURE, AASHTO M194, TY A, AQUANIL-N	43702	TY B	RETARD		GAL	ADMX TYA ANIL N
D	CHEM ADMIXTURE, AASHTO M194, TY A, AQUANIL-N	43702M	TY B	RETARD		LITER	ADMX TYA ANIL N
D	CHEM ADMIXTURE, AASHTO M194, TY A, PRO-KRETE N3	43703	TY C	ACCEL		GAL	ADMX TYA PROKN3
D	CHEM ADMIXTURE, AASHTO M194, TY A, PRO-KRETE N3	43703M	TY C	ACCEL		LITER	ADMX TYA PROKN3
D	CHEM ADMIXTURE, AASHTO M194, TY A, CORMIX P4	43704	TY D	H2OREDUC RETARD		GAL	ADMX TYA CORMIX P4
D	CHEM ADMIXTURE, AASHTO M194, TY A, PSI-300 N	43705	TY E	H2OREDUC ACCEL		GAL	ADMX TYA PSI-300N
D	CHEM ADMIXTURE, AASHTO M194, TY A, EUCON WR 75	43706	TY F	H2OREDHR		GAL	ADMX TYA EUCON 75
D	CHEM ADMIXTURE, AASHTO M194, TY A, EUCON WR 75	43706M	TY F	H2OREDHR		LITER	ADMX TYA EUCON 75
D	CHEM ADMIXTURE, AASHTO M194, TY A, REDI-SET	43707				GAL	ADMX TYA REDI-SET
D	CHEM ADMIXTURE, AASHTO M194, TY A, REDI-SET	43707M				LITER	ADMX TYA REDI-SET
D	CHEM ADMIXTURE, AASHTO M194, TY A, DARACEM 55	43708				GAL	ADMX TYA DARCM 55
D	CHEM ADMIXTURE, AASHTO M194, TY A, DARACEM 55	43708M				LITER	ADMX TYA DARCM 55
	CHEM ADMIXTURE, AASHTO M194, TY A, D, WRDA-82	43709				GAL	ADMX TYAD WRDA-82
	CHEM ADMIXTURE, AASHTO M194, TY A, D, WRDA-82	43709M				LITER	ADMX TYAD WRDA-82

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY A,	WRDA WITH HYCOL	43710			GAL	ADMX TYA WRDA HYCL
D	CHEM ADMIXTURE, AASHTO M194, TY A,	WRDA WITH HYCOL	43710M			LITER	ADMX TYA WRDA HYCL
	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPOZZOLITH 80	43711			GAL	ADMX TYA MASTROPOZ 80
	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPOZZALITH 80	43711M			LITER	ADMX TYA MASTROPOZ 80
D	CHEM ADMIXTURE, AASHTO M194, TY A,	POLYHEED	43712			GAL	ADMX TYA POLYHEED
D	CHEM ADMIXTURE, AASHTO M194, TY A,	POLYHEED	43712M			LITER	ADMX TYA POLYHEED
D	CHEM ADMIXTURE, AASHTO M194, TY A,B,D,	POZZOLITH 220N	43713			GAL	ADMX TYABDPOZZ220N
D	CHEM ADMIXTURE, AASHTO M194, TY A,B,D,	POZZOLITH 220N	43713M			LITER	ADMX TYABDPOZZ220N
	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTOCRETE 161	43714			GAL	ADMX TYA PLAS 161
	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTOCRETE 161	43714M			LITER	ADMX TYA PLAS 161
D	CHEM ADMIXTURE, AASHTO M194, TY A,	UNIPLAST 500N	43715			GAL	ADMX TYA UNI500N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	UNIPLAST 500N	43715M			LITER	ADMX TYA UNI500N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	DARACEM 50	43716			GAL	ADMX TYA DARCM 50
D	CHEM ADMIXTURE, AASHTO M194, TY A,	DARACEM 50	43716M			LITER	ADMX TYA DARCM 50
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	CATEXOL 1000R	43717			GAL	ADMX TYBD CATXL R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	CATEXOL 1000R	43717M			LITER	ADMX TYBD CATXL R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	CONCHEM 25R	43718			GAL	ADMX TYBD CNCM 25R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	CONCHEM 25R	43718M			LITER	ADMX TYBD CNCM 25R
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	MASTERSSET R 100	43719			GAL	ADMX TYBD MSET R100
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	MASTERSSET R 100	43719M			LITER	ADMX TYBD MSET R100
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	PLASTIMENT	43720			GAL	ADMX TYBD PLASTIMT
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	PLASTIMENT	43720M			LITER	ADMX TYBD PLASTIMT
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	AQUANIL-R	43721			GAL	ADMX TYBD ANIL R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	AQUANIL-R	43721M			LITER	ADMX TYBD ANIL R

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY C,	43722	CONCHEM HE-202			GAL	ADMX TYC CNCMHE202
D	CHEM ADMIXTURE, AASHTO M194, TY C,	43722M	CONCHEM HE-202			LITER	ADMX TYC CNCMHE202
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	43723	NCA II			GAL	ADMX TYCE NCA II
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	43723M	NCA II			LITER	ADMX TYCE NCA II
	CHEM ADMIXTURE, AASHTO M194, TY C, E,	43724	ACCELGARD 80			GAL	ADMX TYCE ACCLGRD80
	CHEM ADMIXTURE, AASHTO M194, TY C, E,	43724M	ACCELGARD 80			LITER	ADMX TYCE ACCLGRD80
	CHEM ADMIXTURE, AASHTO M194, TY C, CI	43725	DAREX CORR INHIB			GAL	ADMX TYC DCI
	CHEM ADMIXTURE, AASHTO M194, TY C, CI	43725M	DAREX CORR INHIB			LITER	ADMX TYC DCI
D	CHEM ADMIXTURE, AASHTO M194, TY C,	43726	DARASET			GAL	ADMX TYC DARASET
D	CHEM ADMIXTURE, AASHTO M194, TY C,	43726M	DARASET			LITER	ADMX TYC DARASET
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	43727	POZZOLITH 122 HE			GAL	ADMX TYCE POZZ122HE
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	43727M	POZZOLITH 122 HE			LITER	ADMX TYCE POZZ122HE
D	CHEM ADMIXTURE, AASHTO M194, TY C,E,	43728	POZZUTEC-20			GAL	ADMX TYCE POZZ 20
D	CHEM ADMIXTURE, AASHTO M194, TY C,E,	43728M	POZZUTEC-20			LITER	ADMX TYCE POZZ 20
D	CHEM ADMIXTURE, AASHTO M194, TY C,E,	43729	LUBRICON-NCA			GAL	ADMX TYCE LUBR NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C,E,	43729M	LUBRICON-NCA			LITER	ADMX TYCE LUBR NCA
D	CHEM ADMIXTURE, AASHTO M194, TY D,	43730	PSI RETARDER PLUS			GAL	ADMX TYD PSI PLUS
D	CHEM ADMIXTURE, AASHTO M194, TY D,	43731	EUCON RETARDER 75			GAL	ADMX TYD EUCON 75
D	CHEM ADMIXTURE, AASHTO M194, TY D,	43731M	EUCON RETARDER 75			LITER	ADMX TYD EUCON 75
D	CHEM ADMIXTURE, AASHTO M194, TY D,	43732	REDI-SET R			GAL	ADMX TYD REDISETR
D	CHEM ADMIXTURE, AASHTO M194, TY D,	43732M	REDI-SET R			LITER	ADMX TYD REDISETR
D	CHEM ADMIXTURE, AASHTO M194, TY D,	43733	DARATARD 17			GAL	ADMX TYD DARTRD 17
D	CHEM ADMIXTURE, AASHTO M194, TY D,	43733M	DARATARD 17			LITER	ADMX TYD DARTRD 17
D	CHEM ADMIXTURE, AASHTO M194, TY E,	43734	DARACCEL			GAL	ADMX TYE DARACCEL

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY E,	DARACCEL	43734M			LITER	ADMX TYE DARACCEL
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CATEXOL 1000 SP-MN	43735			GAL	ADMX TYF CATXLMNSP
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CATEXOL 1000 SP-MN	43735M			LITER	ADMX TYF CATXLMNSP
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CONCHEM SPL	43736			GAL	ADMX TYF CNCM SPL
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CONCHEM SPL	43736M			LITER	ADMX TYF CNCM SPL
D	CHEM ADMIXTURE, AASHTO M194, TY F,	MELMENT 50	43737			GAL	ADMX TYF MELMNT 50
D	CHEM ADMIXTURE, AASHTO M194, TY F,	MELMENT 50	43737M			LITER	ADMX TYF MELMNT 50
D	CHEM ADMIXTURE, AASHTO M194, TY F,	DARACEM ML 330	43738			GAL	ADMX TYF DRCM ML330
D	CHEM ADMIXTURE, AASHTO M194, TY F,	DARACEM ML 330	43738M			LITER	ADMX TYF DRCM ML330
D	CHEM ADMIXTURE, AASHTO M194, TY F,	MIGHTY 150	43739			GAL	ADMX TYF MITY 150
D	CHEM ADMIXTURE, AASHTO M194, TY F,	MIGHTY 150	43739M			LITER	ADMX TYF MITY 150
	CHEM ADMIXTURE, AASHTO M194, TY F,	EUCON 37	43740			GAL	ADMX TYF EUCON 37
	CHEM ADMIXTURE, AASHTO M194, TY F,	EUCON 37	43740M			LITER	ADMX TYF EUCON 37
D	CHEM ADMIXTURE, AASHTO M194, TY F,	FX-32	43741			GAL	ADMX TYF FX-32
D	CHEM ADMIXTURE, AASHTO M194, TY F,	FX-32	43741M			LITER	ADMX TYF FX-32
D	CHEM ADMIXTURE, AASHTO M194, TY F, G,	DARACEM 100	43742			GAL	ADMX TYFG DARCM 100
D	CHEM ADMIXTURE, AASHTO M194, TY F, G,	DARACEM 100	43742M			LITER	ADMX TYFG DARCM 100
	CHEM ADMIXTURE, AASHTO M194, TY F,	WRDA-19	43743			GAL	ADMX TYF WRDA 19
	CHEM ADMIXTURE, AASHTO M194, TY F,	WRDA-19	43743M			LITER	ADMX TYF WRDA 19
D	CHEM ADMIXTURE, AASHTO M194, TY F,	POZZOLITH 400N	43744			GAL	ADMX TYF POZZ 400N
D	CHEM ADMIXTURE, AASHTO M194, TY F,	POZZOLITH 400N	43744M			LITER	ADMX TYF POZZ 400N
D	CHEM ADMIXTURE, AASHTO M194, TY F, G,	POZZOLITH 440N	43745			GAL	ADMX TYFG POZZ 440N
D	CHEM ADMIXTURE, AASHTO M194, TY F, G,	POZZOLITH 440N	43745M			LITER	ADMX TYFG POZZ 440N
	CHEM ADMIXTURE, AASHTO M194, TY F,	MASTERRHEOBUILD 1000	43746			GAL	ADMX TYF MRHBLD 1000

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY F,	MASTERRHEOBUILD 1000	43746M			LITER	ADMX TYF MRHBLD 1000
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SIKAMENT 300	43747			GAL	ADMX TYF SIKA 300
D	CHEM ADMIXTURE, AASHTO M194, TY F,	SIKAMENT 300	43747M			LITER	ADMX TYF SIKA 300
D	CHEM ADMIXTURE, AASHTO M194, TY F,	UNIPLAST 500S	43748			GAL	ADMX TYF UNI 500S
D	CHEM ADMIXTURE, AASHTO M194, TY F,	UNIPLAST 500 S	43748M			LITER	ADMX TYF UNI 500 S
D	CHEM ADMIXTURE, AASHTO M194, TY F,	AQUANIL-SL	43749			GAL	ADMX TYF ANIL SL
D	CHEM ADMIXTURE, AASHTO M194, TY F,	AQUANIL-SL	43749M			LITER	ADMX TYF ANIL SL
D	CHEM ADMIXTURE, AASHTO M194, TY G,	MIGHTY RD2	43750			GAL	ADMX TYG MITY RD2
D	CHEM ADMIXTURE, AASHTO M194, TY G,	MIGHTY RD2	43750M			LITER	ADMX TYG MITY RD2
D	CHEM ADMIXTURE, AASHTO M194, TY G,	EUCON 537	43751			GAL	ADMX TYG EUCON 537
D	CHEM ADMIXTURE, AASHTO M194, TY G,	EUCON 537	43751M			LITER	ADMX TYG EUCON 537
D	CHEM ADMIXTURE, AASHTO M194, TY A,	LC-400	43752			GAL	ADMX TYA LC 400
D	CHEM ADMIXTURE, AASHTO M194, TY A,	LC-400	43752M			LITER	ADMX TYA LC 400
	CHEM ADMIXTURE, AASHTO M194, TY A,B,D,	MASTERPOZZOLITH 322	43753			GAL	ADMX TYABDMPOZ 322
	CHEM ADMIXTURE, AASHTO M194, TY A,B,D,	MASTERPOZZOLITH 322	43753M			LITER	ADMX TYABD MPOZ 322
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	REDI-SET XR	43754			GAL	ADMX TYBD REDISSETXR
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	REDI-SET XR	43754M			LITER	ADMX TYBD REDISSETXR
	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPOLYHEED 997	43755			GAL	ADMX TYA MASTRPL 997
	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPOLYHEED 997	43755M			LITER	ADMX TYA MASTRPL 997
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CORMIX P-150	43756			GAL	ADMX TYA CRMX P150
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CORMIX P-150	43756M			LITER	ADMX TYA CRMX P150
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	MASTERSSET DELVO	43757			GAL	ADMX TYBD MSETDELVO
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	MASTERSSET DELVO	43757M			LITER	ADMX TYBD MSETDELVO
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	RECOVER	43758			GAL	ADMX TYBD RECOVER

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY B, D, RECOVER	43758M				LITER	ADMX TYBD RECOVER
D	CHEM ADMIXTURE, AASHTO M194, TY B, D, PLASTOCRETE 161 MR	43759				GAL	ADMX TYBD PLSCRT161
D	CHEM ADMIXTURE, AASHTO M194, TY B, D, PLASTOCRETE 161 MR	43759M				LITER	ADMX TYBD PLSCRT161
D	CHEM ADMIXTURE, AASHTO M194, TY A, POLYCHEM 1000	43760				GAL	ADMX TYA PLYCHM1000
D	CHEM ADMIXTURE, AASHTO M194, TY A, POLYCHEM 1000	43760M				LITER	ADMX TYA PLYCHM1000
	CHEM ADMIXTURE, AASHTO M194, TY C, LCNC-166	43761				GAL	ADMX TYC LCNC 166
	CHEM ADMIXTURE, AASHTO M194, TY C, LCNC-166	43761M				LITER	ADMX TYC LCNC 166
	CHEM ADMIXTURE, AASHTO M194, TY B, D, LC-400R	43762				GAL	ADMX TYBD LC 400R
	CHEM ADMIXTURE, AASHTO M194, TY B, D, LC-400R	43762M				LITER	ADMX TYBD LC 400R
D	CHEM ADMIXTURE, AASHTO M194, TY F, SUPERFLO 442	43763				GAL	ADMX TYF SPRFLO442
D	CHEM ADMIXTURE, AASHTO M194, TY F, SUPERFLO 442	43763M				LITER	ADMX TYF SPRFLO442
	CHEM ADMIXTURE, AASHTO M194, TY C, POLARSET	43764				GAL	ADMX TYC POLARSET
	CHEM ADMIXTURE, AASHTO M194, TY C, POLARSET	43764M				LITER	ADMX TYC POLARSET
D	CHEM ADMIXTURE, AASHTO M194, TY A, DARACEM 65	43765				GAL	ADMX TYA DARACEM 65
D	CHEM ADMIXTURE, AASHTO M194, TY A, DARACEM 65	43765M				LITER	ADMX TYA DARACEM 65
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, RHEOBUILD 2000B	43766				GAL	ADMX TYAF RHBD 2000B
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, RHEOBUILD 2000B	43766M				LITER	ADMX TYAF RHBD 2000B
D	CHEM ADMIXTURE, AASHTO M194, TY F, SUPERFLO 443	43767				GAL	ADMX TYF SPRFLO 443
D	CHEM ADMIXTURE, AASHTO M194, TY F, SUPERFLO 443	43767M				LITER	ADMX TYF SPRFLO 443
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, CATEXOL 2000 RHE	43768				GAL	ADMX TY CE CATXL RHE
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, CATEXOL 2000 RHE	43768M				LITER	ADMX TY CE CATXL RHE
	CHEM ADMIXTURE, AASHTO M194, TY A, POLYCHEM 400NC	43769				GAL	ADMX TYA PLYCNM 400
	CHEM ADMIXTURE, AASHTO M194, TY A, POLYCHEM 400NC	43769M				LITER	ADMX TYA PLYCHM 400
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MELCHEM	43770				GAL	ADMX TYAF MELCHEM

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MELCHEM	43770M				LITER	ADMX TYAF MELCHEM
	CHEM ADMIXTURE, AASHTO M194, TY D, POLYCHEM R	43771				GAL	ADMX TYD PLYCHM R
	CHEM ADMIXTURE, AASHTO M194, TY D, POLYCHEM R	43771M				LITER	ADMX TYD PLYCHM R
D	CHEM ADMIXTURE, AASHTO M194, TY C, POLYCHEM NCA	43772				GAL	ADMX TYC PLYCHM NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C, POLYCHEM NCA	43772M				LITER	ADMX TYC PLYCHM NCA
	CHEM ADMIXTURE, AASHTO M194, TY C, POLYCHEM SUPER SET	43773				GAL	ADMX TYC PLCM SPRST
	CHEM ADMIXTURE, AASHTO M194, TY C, POLYCHEM SUPER SET	43773M				LITER	ADMX TYC PLCM SPRST
	CHEM ADMIXTURE, AASHTO M194, TY A,B,D, LC400P	43774				GAL	ADMX TYABDLC400P
	CHEM ADMIXTURE, AASHTO M194, TY A,B,D, LC400P	43774M				LITER	ADMX TYABDLC400P
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, FAST SET 100HE	43775				GAL	ADMX TYCE FASET100HE
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, FAST SET 100HE	43775M				LITER	ADMX TYCE FASET100HE
	CHEM ADMIXTURE, AASHTO M194, TY C, MASTERSSET AC 534	43776				GAL	ADMX TYC MSET AC 534
	CHEM ADMIXTURE, AASHTO M194, TY C, MASTERSSET AC 534	43776M				LITER	ADMX TYC MSET AC 534
D	CHEM ADMIXTURE, AASHTO M194, TY B, D, POZZOLITH 300R	43777				GAL	ADMX TYBD POZZ300R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D, POZZOLITH 300R	43777M				LITER	ADMX TYBD POZZ300R
D	CHEM ADMIXTURE, AASHTO M194, TY F, SIKAMENT 10 ESL	43778				GAL	ADMX TYE SIKA 10ESL
D	CHEM ADMIXTURE, AASHTO M194, TY F, SIKAMENT 10 ESL	43778M				LITER	ADMX TYF SIKA 10ESL
D	CHEM ADMIXTURE, AASHTO M194, TY F, SIKAMENT FF	43779				GAL	ADMX TYF SIKA FF
D	CHEM ADMIXTURE, AASHTO M194, TY F, SIKAMENT FF	43779M				LITER	ADMX TYF SIKA FF
D	CHEM ADMIXTURE, AASHTO M194, TY A, SIKAMENT HP	43780				GAL	ADMIX TYA SIKA HP
D	CHEM ADMIXTURE, AASHTO M194, TY A, SIKAMENT HP	43780M				LITER	ADMIX TYA SIKA HP
	CHEM ADMIXTURE, AASHTO M194, TY A, EUCON WR	43781				GAL	ADMX TYA EUCON WR
	CHEM ADMIXTURE, AASHTO M194, TY A, EUCON WR	43781M				LITER	ADMX TYA EUCON WR
	CHEM ADMIXTURE, AASHTO M194, TY A, EUCON WR-91	43782				GAL	ADMX TYA EUCON WR91

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY A,	43782M	EUCON WR-91			LITER	ADMX TYA EUCON WR91
	CHEM ADMIXTURE, AASHTO M194, TY D,	43783	EUCON RETARDER 100			GAL	ADMX TYD EUCON 100
	CHEM ADMIXTURE, AASHTO M194, TY D,	43783M	EUCON RETARDER 100			LITER	ADMX TYD EUCON 100
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43784	ADVA-FLOW			GAL	ADMX TYF ADVA FLOW
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43784M	ADVA-FLOW			LITER	ADMX TYF ADVA FLOW
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43785	ADVA-CAST			GAL	ADMX TYF ADVA CAST
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43785M	ADVA-CAST			LITER	ADMX TYF ADVA CAST
	CHEM ADMIXTURE, AASHTO M194, TY C,	43786	MASTERLIFE CL 30			GAL	ADMX TYC MLIFE CL30
	CHEM ADMIXTURE, AASHTO M194, TY C,	43786M	MASTERLIFE CL 30			LITER	ADMX TYC MLIFE CL30
D	CHEM ADMIXTURE, AASHTO M194, TY A,	43787	REDI-SET MR			GAL	ADMX TYA REDISSET MR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	43787M	REDI-SET MR			LITER	ADMX TYA REDISSET MR
D	CHEM ADMIXTURE, AASHTO M194, TY E,	43788	ACCELGUARD HE			GAL	ADMX TYE ACCLGRD HE
D	CHEM ADMIXTURE, AASHTO M194, TY E,	43788M	ACCELGUARD HE			LITER	ADMX TYE ACCLGRD HE
	CHEM ADMIXTURE, AASHTO M194, TY A,	43789	EUCON MR			GAL	ADMX TYA EUCON MR
	CHEM ADMIXTURE, AASHTO M194, TY A,	43789M	EUCON MR			LITER	ADMX TYA EUCON MR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	43790	PLASTOCRETE 169			GAL	ADMX TYA PLAS 169
D	CHEM ADMIXTURE, AASHTO M194, TY A,	43790M	PLASTOCRETE 169			LITER	ADMX TYA PLAS 169
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43791	GLENIUM 3000NS			GAL	ADMX TYF GLEN 3000NS
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43791M	GLENIUM 3000NS			LITER	ADMX TYF GLEN 3000NS
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43792	ADVA 100			GAL	ADMX TYF ADVA 100
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43792M	ADVA 100			LITER	ADMX TYF ADVA 100
	CHEM ADMIXTURE, AASHTO M194, TY C,	43793	SIKA RAPID-1			GAL	ADMX TYC SIKA RAPID1
	CHEM ADMIXTURE, AASHTO M194, TY C,	43793M	SIKA RAPID-1			LITER	ADMX TYC SIKA RAPID1
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43794	SIKAMENT 86			GAL	ADMX TYAF SIKA 86

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	SIKAMENT 86	43794M			LITER	ADMX TYAF SIKA 86
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	VISCOCRETE 3010	43795			GAL	ADMX TYAF VISCO 3010
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	VISCOCRETE 3010	43795M			LITER	ADMX TYAF VISCO 3010
D	CHEM ADMIXTURE, AASHTO M194, TY C,	PLASTOCRETE 161HE	43796			GAL	ADMX TYC PLAS 161HE
D	CHEM ADMIXTURE, AASHTO M194, TY C,	PLASTOCRETE 161HE	43796M			LITER	ADMX TYC PLAS 161HE
	CHEM ADMIXTURE, AASHTO M194, TY A,	FINISHEASE-NC	43797			GAL	ADMX TYA FNSHEASE NC
	CHEM ADMIXTURE, AASHTO M194, TY A,	FINISHEASE-NC	43797M			LITER	ADMX TYA FNSHEASE NC
	CHEM ADMIXTURE, AASHTO M194, TY C, CI	RUSSTECH RCI	43798			GAL	ADMX TYC RUSTECH RCI
	CHEM ADMIXTURE, AASHTO M194, TY C, CI	RUSSTECH RCI	43798M			LITER	ADMX TYC RUSTECH RCI
D	CHEM ADMIXTURE, AASHTO M194, TY C,	EXCEL IND REDISSET NS	43799			GAL	ADMX TYC REDISSET NS
	CHEM ADMIXTURE, AASHTO M194, TY F,	EUCON 1037	43800			GAL	ADMX TYF EUCON 1037
D	CHEM ADMIXTURE, CI,	GRT POLYCHEM PCI	43801			GAL	ADMX CI PCI
D	CHEM ADMIXTURE, AASHTO M194, TY E,	GRT POLYCHEM HE	43802			GAL	ADMX TYE POLY HE
	CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC,SUPER FLO 2000 RM		43803			GAL	ADMX TYAFSCC 2000RM
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PS-1209	43804			GAL	ADMX TYA PS-1209
	CHEM ADMIXTURE, CI,	SIKA CNI	43805			GAL	ADMX CI SIKA CNI
	CHEM ADMIXTURE, CI,	SIKA CNI	43805M			LITER	ADMX CI SIKA CNI
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	PLASTIMIX 720	43806			GAL	ADMX TYF PLSIMIX 720
D	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPAVEN	43807			GAL	ADMX TYA MASTERPAVEN
D	CHEM ADMIXTURE, AASHTO M194, TY F,	REDI-SET SPC	43808			GAL	ADMX TYF REDSET SPC
	CHEM ADMIXTURE, AASHTO M194, TY F,	VISCOCRETE 6100	43809			GAL	ADMX TYF VSCRTE 6100
	CHEM ADMIXTURE, AASHTO M194, TY F,	POLYCHEM 3000	43810			GAL	ADMX TYF PLYCHM 3000
D	CHEM ADMIXTURE, AASHTO M194, TY C,	REDI-SET NCA	43811			GAL	ADMX TYC REDSET NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C,	EXCEL NCI	43812			GAL	ADMX TYC EXCEL NCI

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVACAST 530	43813			GAL	ADMX TYF ADVCAST 530
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSOFLUID PREMIA180	43814			GAL	ADMX TYF PREMIA 180
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CATEXOL ALLEGRO 122	43815			GAL	ADMX TYF ALLEGRO 122
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSOFLUID OPTIMA200	43816			GAL	ADMX TYF OPTIMA 200
	CHEM ADMIXTURE, AASHTO M194, TY F, SCC,	MASTERGLENIUM 3400	43817			GAL	ADMX TYFSCC MGN 3400
	CHEM ADMIXTURE, AASHTO M194, TY S,	MASTERMATRIX VMA 362	43818			GAL	ADMX TYS MMTRXVMA362
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTIMIX MR	43819			GAL	ADMX TYA PLSTMX MR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTIMIX MR	43819M			LITER	ADMX TYA PLSTMX MR
	CHEM ADMIXTURE, AASHTO M194, TYA, F, SCC,	VISCOCRETE 2100	43820			GAL	ADMX TYAFSCC VCT2100
	CHEM ADMIXTURE, AASHTO M194, TYA, F, SCC,	VISCOCRETE 2100	43820M			LITER	ADMX TYAFSCC VCT2100
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CATEXOL 800N	43821			GAL	ADMX TYA CTXL 800N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CATEXOL 800N	43821M			LITER	ADMX TYA CTXL 800N
	CHEM ADMIXTURE, AASHTO M194, TY C, E,	MASTERSSET FP 20	43822			GAL	ADMX TYCE MSET FP20
	CHEM ADMIXTURE, AASHTO M194, TY C, E,	MASTERSSET FP 20	43822M			LITER	ADMX TYCE MSET FP20
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSOFLUID OPTIMA203	43823			GAL	ADMX TYAF OPT203
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSOFLUID OPTIMA203	43823M			LITER	ADMX TYAF OPT203
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVACAST 170	43824			GAL	ADMX TYF ADVCAST 170
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVACAST 170	43824M			LITER	ADMX TYF ADVCAST 170
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSOFLUID PREMIA190	43825			GAL	ADMX TYF PREMIA 190
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSOFLUID PREMIA190	43825M			LITER	ADMX TYF PREMIA 190
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVA 380	43826			GAL	ADMX TYF ADVA 380
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVA 380	43826M			LITER	ADMX TYF ADVA 380
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	SIKAMENT 686	43827			GAL	ADMX TYAF SIKA 686
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	SIKAMENT 686	43827M			LITER	ADMX TYAF SIKA 686

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERGLENIU	1466	43828			GAL	ADMX TYAF MGLEN 1466
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERGLENIU	1466	43828M			LITER	ADMX TYAF MGLEN 1466
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 92		43829			GAL	ADMX TYAF MIRA 92
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, MIRA 92		43829M			LITER	ADMX TYAF MIRA 92
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, POLYCHEM SPC		43830			GAL	ADMX TY AF POLY SPC
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, POLYCHEM SPC		43830M			LITER	ADMX TY AF POLY SPC
D	CHEM ADMIXTURE, AASHTO M194, TY F, ADVA 190		43831			GAL	ADMX TYF ADVA 190
D	CHEM ADMIXTURE, AASHTO M194, TY F, ADVA 190		43831M			LITER	ADMX TYF ADVA 190
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERGLENIU	7500	43832			GAL	ADMX TYAF MGLEN 7500
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERGLENIU	7500	43832M			LITER	ADMX TYAF MGLEN 7500
	CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC VISCOCRETE	4100	43833			GAL	ADMX TYAFSCC VRT4100
	CHEM ADMIXTURE, AASHTO M194, TYA,F,SCC VISCOCRETE	4100	43833M			LITER	ADMX TYAFSCC VRT4100
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, REDI-SET 720		43834			GAL	ADMX TYAF REDSET 720
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, REDI-SET 720		43834M			LITER	ADMX TYAF REDSET 720
D	CHEM ADMIXTURE, AASHTO M194, TY A, SIKAMENT AFM		43835			GAL	ADMX TYA SKAMENT AFM
D	CHEM ADMIXTURE, AASHTO M194, TY A, SIKAMENT AFM		43835M			LITER	ADMX TYA SKAMENT AFM
	CHEM ADMIXTURE, AASHTO M194, TY A, F, ADVACAST 575		43836			GAL	ADMX TYAF ACAST 575
	CHEM ADMIXTURE, AASHTO M194, TY A, F, ADVACAST 575		43836M			LITER	ADMX TYAF ACAST 575
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERPOLYHEED	1720	43837			GAL	ADMX TYAF MPHEED1720
	CHEM ADMIXTURE, AASHTO M194, TY A, F, MASTERPOLYHEED	1720	43837M			LITER	ADMX TYAF MPHEED1720
D	CHEM ADMIXTURE, AASHTO M194, TY A, DURAFLEX 33		43838			GAL	ADMX TYA DURAFLEX 33
D	CHEM ADMIXTURE, AASHTO M194, TY A, DURAFLEX 33		43838M			LITER	ADMX TYA DURAFLEX 33
D	CHEM ADMIXTURE, AASHTO M194, TY C, DARASET 400		43839			GAL	ADMX TYC DARASET 400
D	CHEM ADMIXTURE, AASHTO M194, TY C, DARASET 400		43839M			LITER	ADMX TYC DARASET 400

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, SIKAPLAST 500	43840				GAL	ADMX TYAF SKPLST 500
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, SIKAPLAST 500	43840M				LITER	ADMX TYAF SKPLST 500
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, CATEXOL 2000 RHE	43841				GAL	ADMX TYCE CXL2000RHE
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, CATEXOL 2000 RHE	43841M				LITER	ADMX TYCE CXL2000RHE
D	CHEM ADMIXTURE, AASHTO M194, TY F, SUPERFLUX 2000 PC	43842				GAL	ADMX TYF SFLX2000PC
D	CHEM ADMIXTURE, AASHTO M194, TY F, SUPERFLUX 2000 PC	43842M				LITER	ADMX TYF SFLX2000PC
D	CHEM ADMIXTURE, AASHTO M194, TY F, SUPERFLUX 2100PC	43843				GAL	ADMX TYF SPFLX2100PC
D	CHEM ADMIXTURE, AASHTO M194, TY F, SUPERFLUX 2100PC	43843M				LITER	ADMX TYF SPFLX2100PC
D	CHEM ADMIXTURE, AASHTO M194, TY A, HYDROSENSE	43844				GAL	ADMX TYA HYDROSENSE
D	CHEM ADMIXTURE, AASHTO M194, TY A, HYDROSENSE	43844M				LITER	ADMX TYA HYDROSENSE
D	CHEM ADMIXTURE, AASHTO M194, TY A, CATEXOL 3500 N	43845				GAL	ADMX TYA CTXL 3500 N
D	CHEM ADMIXTURE, AASHTO M194, TY A, CATEXOL 3500 N	43845M				LITER	ADMX TYA CTXL 3500 N
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, DURAFLEX 66	43846				GAL	ADMX TYAF DFLX 66
D	CHEM ADMIXTURE, AASHTO M194, TY A, F, DURAFLEX 66	43846M				LITER	ADMX TYAF DFLX 66
D	CHEM ADMIXTURE, AASHTO M194, TY B, D, STOPSET L	43847				GAL	ADMX TYBD STOPSET L
D	CHEM ADMIXTURE, AASHTO M194, TY B, D, STOPSET L	43847M				LITER	ADMX TYBD STOPSET L
D	CHEM ADMIXTURE, AASHTO M194, TY D, EUCON 727	43848				GAL	ADMX TYD EUCON 727
D	CHEM ADMIXTURE, AASHTO M194, TY D, EUCON 727	43848M				LITER	ADMX TYD EUCON 727
D	CHEM ADMIXTURE, AASHTO M194, TY F, PLASTOL 5500	43849				GAL	ADMX TYF PLSTL 5500
D	CHEM ADMIXTURE, AASHTO M194, TY F, PLASTOL 5500	43849M				LITER	ADMX TYF PLSTL 5500
	CHEM ADMIXTURE, CI, MASTERLIFE CL 222	43850				GAL	ADMX CI MLIFE CL222
	CHEM ADMIXTURE, CI, MASTERLIFE CL 222	43850M				LITER	ADMX CI MLIFE CL222
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, ACCELGUARD NCA	43851				GAL	ADMX TYCE ACLGRD NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C, E, ACCELGUARD NCA	43851M				LITER	ADMX TYCE ACLGRD NCA

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY C, E, ACCELGUARD 90	43852				GAL	ADMX TYCE ACLGRD 90
	CHEM ADMIXTURE, AASHTO M194, TY C, E, ACCELGUARD 90	43852M				LITER	ADMX TYCE ACLGRD 90
	CHEM ADMIXTURE, AASHTO M194, TY C, CI EUCON CIA	43853				GAL	ADMX TYC EUCON CIA
	CHEM ADMIXTURE, AASHTO M194, TY C, CI EUCON CIA	43853M				LITER	ADMX TYC EUCON CIA
D	CHEM ADMIXTURE, AASHTO M194, TY A, EUCON A+	43854				GAL	ADMX TYA EUCON A+
D	CHEM ADMIXTURE, AASHTO M194, TY A, EUCON A+	43854M				LITER	ADMX TYA EUCON A+
D	CHEM ADMIXTURE, AASHTO M194, TY A, ENVIROMIX N	43855				GAL	ADMX TYA ENVROMX N
D	CHEM ADMIXTURE, AASHTO M194, TY A, ENVIROMIX N	43855M				LITER	ADMX TYA ENVROMX N
D	CHEM ADMIXTURE, AASHTO M194, TY A, PLASTIMIX 50	43856				GAL	ADMX TYA PLSTIMX 50
D	CHEM ADMIXTURE, AASHTO M194, TY A, PLASTIMIX 50	43856M				LITER	ADMX TYA PLSTIMX 50
D	CHEM ADMIXTURE, AASHTO M194, TY D, RENU	43857				GAL	ADMX TYD RENU
D	CHEM ADMIXTURE, AASHTO M194, TY D, RENU	43857M				LITER	ADMX TYD RENU
D	CHEM ADMIXTURE, AASHTO M194, TY A, ENVIROMIX 159	43858				GAL	ADMX TYA ENVROMX 159
D	CHEM ADMIXTURE, AASHTO M194, TY A, ENVIROMIX 159	43858M				LITER	ADMX TYA ENVROMX 159
D	CHEM ADMIXTURE, AASHTO M194, TY C, TURBOCAST 701	43859				GAL	ADMX TYC TRBOCST 701
D	CHEM ADMIXTURE, AASHTO M194, TY C, TURBOCAST 701	43859M				LITER	ADMX TYC TRBOCST 701
D	CHEM ADMIXTURE, AASHTO M194, TY F, PROPEL XL25	43860				GAL	ADMX TYF PROPEL XL25
D	CHEM ADMIXTURE, AASHTO M194, TY F, PROPEL XL25	43860M				LITER	ADMX TYF PROPEL XL25
D	CHEM ADMIXTURE, AASHTO M194, TY C, TURBOCAST K	43861				GAL	ADMX TYC TRBOCST K
D	CHEM ADMIXTURE, AASHTO M194, TY C, TURBOCAST K	43861M				LITER	ADMX TYC TRBOCST K
D	CHEM ADMIXTURE, AASHTO M194, TY F, PLASTIMIX 3330	43862				GAL	ADMX TYF PLSTMX 3330
D	CHEM ADMIXTURE, AASHTO M194, TY F, PLASTIMIX 3330	43862M				LITER	ADMX TYF PLSTMX 3330
D	CHEM ADMIXTURE, AASHTO M194, TY D, PLASTIMIX 100R	43863				GAL	ADMX TYD PLSTMX 100R
D	CHEM ADMIXTURE, AASHTO M194, TY D, PLASTIMIX 100R	43863M				LITER	ADMX TYD PLSTMX 100R

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY A, D,	ZYLA 630	43864			GAL	ADMX TYAD ZYLA630
	CHEM ADMIXTURE, AASHTO M194, TY A, D,	ZYLA 630	43864M			LITER	ADMX TYA ZYLA 630
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PROPEL 4600	43865			GAL	ADMX TYF PROPEL 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PROPEL 4600	43865M			LITER	ADMX TYF PROPEL 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTIMIX 3300	43866			GAL	ADMX TYF PLSTMX 3300
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTIMIX 3300	43866M			LITER	ADMX TYF PLSTMX 3300
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	MIRA 62	43867			GAL	ADMX TYAF MIRA 62
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	MIRA 62	43867M			LITER	ADMX TYAF MIRA 62
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVA 408	43868			GAL	ADMX TYF ADVA 408
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVA 408	43868M			LITER	ADMX TYF ADVA 408
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVA 405	43869			GAL	ADMX TYF ADVA 405
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVA 405	43869M			LITER	ADMX TYF ADVA 405
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	MIRA 110	43870			GAL	ADMX TYAF MIRA 110
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	MIRA 110	43870M			LITER	ADMX TYAF MIRA 110
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CATEXOL 2000 NI	43871			GAL	ADMX TYA CTXL 2000NI
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CATEXOL 2000 NI	43871M			LITER	ADMX TYA CTXL 2000NI
	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLO 2040 RM	43872			GAL	ADMX TYF SF 2040 RM
	CHEM ADMIXTURE, AASHTO M194, TY F,	SUPERFLO 2040 RM	43872M			LITER	ADMX TYF SF 2040 RM
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	GENESIS 112	43873			GAL	ADMX TYAF GENESIS112
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	GENESIS 112	43873M			LITER	ADMX TYAF GENESIS112
	CHEM ADMIXTURE, AASHTO M194, TY A,	MIRA 35	43874			GAL	ADMX TYA MIRA 35
	CHEM ADMIXTURE, AASHTO M194, TY A,	MIRA 35	43874M			LITER	ADMX TYA MIRA 35
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	EUCON MRX	43875			GAL	ADMX TYAF EUCON MRX
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	EUCON MRX	43875M			LITER	ADMX TYAF EUCON MRX

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY F,	DURAFLUX 77	43876			GAL	ADMX TYF DURAFLUX 77
D	CHEM ADMIXTURE, AASHTO M194, TY F,	DURAFLUX 77	43876M			LITER	ADMX TYF DURAFLUX 77
D	CHEM ADMIXTURE, AASHTO M194, TY C,	OZ-SET	43877			GAL	ADMX TYC OZSET
D	CHEM ADMIXTURE, AASHTO M194, TY C,	OZ-SET	43877M			LITER	ADMX TYC OZSET
	CHEM ADMIXTURE, AASHTO M194, TY S,	MASTERMATRIX 33	43878			GAL	ADMX TYS MMATRIX 33
	CHEM ADMIXTURE, AASHTO M194, TY S,	MASTERMATRIX 33	43878M			LITER	ADMX TYS MMATRIX 33
	CHEM ADMIXTURE, AASHTO M194, TY F,	ECOFLO GREEN	43879			GAL	ADMX TYF ECOFLO GRN
	CHEM ADMIXTURE, AASHTO M194, TY F,	ECOFLO GREEN	43879M			LITER	ADMX TYF ECOFLO GRN
	CHEM ADMIXTURE, AASHTO M194, TY A, D,	OPTIFLO 50	43880			GAL	ADMX TYAD OPTIFLO 50
	CHEM ADMIXTURE, AASHTO M194, TY A, D,	OPTIFLO 50	43880M			LITER	ADMX TYAD OPTIFLO 50
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO 500	43881			GAL	ADMX TYA OPTIFLO 500
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO 500	43881M			LITER	ADMX TYA OPTIFLO 500
	CHEM ADMIXTURE, AASHTO M194, TY E,	NITORCAST K	43882			GAL	ADMX TYE NITROCAST K
	CHEM ADMIXTURE, AASHTO M194, TY E,	NITORCAST K	43882M			LITER	ADMX TYE NITROCAST K
D	CHEM ADMIXTURE, AASHTO M194, TY D,	OPTIFLO RENU	43883			GAL	ADMX TYD OPTFLO RENU
D	CHEM ADMIXTURE, AASHTO M194, TY D,	OPTIFLO RENU	43883M			LITER	ADMX TYD OPTFLO RENU
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO PLUS	43884			GAL	ADMX TYA OPTFLO PLUS
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO PLUS	43884M			LITER	ADMX TYA OPTFLO PLUS
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	OPTIFLO MR	43885			GAL	ADMX TYAF OPTFLO MR
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	OPTIFLO MR	43885M			LITER	ADMX TYAF OPTFLO MR
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	OPTIFLO 100R	43886			GAL	ADMX TYBD OPFLO 100R
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	OPTIFLO 100R	43886M			LITER	ADMX TYBD OPFLO 100R
	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 2000	43887			GAL	ADMX TYF UFLO 2000
	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 2000	43887M			LITER	ADMX TYF UFLO 2000

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY C,	NITROCAST 701	43888			GAL	ADMX TYC NITROCST701
D	CHEM ADMIXTURE, AASHTO M194, TY C,	NITROCAST 701	43888M			LITER	ADMX TYC NITROCST701
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 4600	43889			GAL	ADMX TYF UFLO 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 4600	43889M			LITER	ADMX TYF UFLO 4600
	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO DP	43890			GAL	ADMX TYF ULTRAFLO DP
	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO DP	43890M			LITER	ADMX TYF ULTRAFLO DP
D	CHEM ADMIXTURE, CI,	CATEXOL CN-CI	43891			GAL	ADMX CI CNCI
D	CHEM ADMIXTURE, CI,	CATEXOL CN-CI	43891M			LITER	ADMX CI CNCI
D	CHEM ADMIXTURE, AASHTO M194, TY C,	SIKAMIX NCA	43892			GAL	ADMX TYC SIKAMIX NCA
D	CHEM ADMIXTURE, AASHTO M194, TY C,	SIKAMIX NCA	43892M			LITER	ADMX TYC SIKAMIX NCA
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	PLASTOL 341	43893			GAL	ADMX TYAF PLSTL 341
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	PLASTOL 341	43893M			LITER	ADMX TYAF PLSTL 341
	CHEM ADMIXTURE, AASHTO M194, TY F, SCC,MASTERGLENIU	M 7700	43894			GAL	ADMX TYFSCC MGN 7700
	CHEM ADMIXTURE, AASHTO M194, TY F, SCC,MASTERGLENIU	M 7700	43894M			LITER	ADMX TYFSCC MGN 7700
D	CHEM ADMIXTURE, AASHTO M194, TY D,	DARATARD HC	43895			GAL	ADMX TYD DARATARD HC
D	CHEM ADMIXTURE, AASHTO M194, TY D,	DARATARD HC	43895M			LITER	ADMX TYD DARATARD HC
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST MR720	43896			GAL	ADMX TYA PLAST MR720
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST MR720	43896M			LITER	ADMX TYA PLAST MR720
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST MR	43897			GAL	ADMX TYA PLAST MR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST MR	43897M			LITER	ADMX TYA PLAST MR
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO ENVIROMIX N	43898			GAL	ADMX TYA NVROMX N
D	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO ENVIROMIX N	43898M			LITER	ADMX TYA NVROMX N
	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST P150	43899			GAL	ADMX TYA PLAST P150
	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO PLAST P150	43899M			LITER	ADMX TYA PLAST P150

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REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO ENVIROMIX 159	43900			GAL	ADMX TYA NVROMX 159
	CHEM ADMIXTURE, AASHTO M194, TY A,	CHRYSO ENVIROMIX 159	43900M			LITER	ADMX TYA NVROMX 159
	CHEM ADMIXTURE, AASHTO M194, TY C,	CHRYSO TURBOCAST 701	43901			GAL	ADMX TYC TRBOCST 701
	CHEM ADMIXTURE, AASHTO M194, TY C,	CHRYSO TURBOCAST 701	43901M			LITER	ADMX TYC TRBOCST 701
	CHEM ADMIXTURE, AASHTO M194, TY C,	CHRYSO TURBOCAST 650A	43902			GAL	ADMX TYC TRBOCST650A
	CHEM ADMIXTURE, AASHTO M194, TY C,	CHRYSO TURBOCAST 650A	43902M			LITER	ADMX TYC TRBOCST650A
	CHEM ADMIXTURE, AASHTO M194, TY D,	CHRYSO CONTROLSET100R	43903			GAL	ADMX TYD CNTRLST100R
	CHEM ADMIXTURE, AASHTO M194, TY D,	CHRYSO CONTROLSET100R	43903M			LITER	ADMX TYD CNTRLST100R
D	CHEM ADMIXTURE, AASHTO M194, TY D,	NUTRALSET	43904			GAL	ADMX TYD NUTRALSET
D	CHEM ADMIXTURE, AASHTO M194, TY D,	NUTRALSET	43904M			LITER	ADMX TYD NUTRALSET
	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL 3300	43905			GAL	ADMX TYF PROPEL 3300
	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL 3300	43905M			LITER	ADMX TYF PROPEL 3300
	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL AG	43906			GAL	ADMX TYF PROPEL AG
	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL AG	43906M			LITER	ADMX TYF PROPEL AG
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL 4600	43907			GAL	ADMX TYF PROPEL 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL 4600	43907M			LITER	ADMX TYF PROPEL 4600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL XL25	43908			GAL	ADMX TYF PROPEL XL25
D	CHEM ADMIXTURE, AASHTO M194, TY F,	CHRYSO PROPEL XL25	43908M			LITER	ADMX TYF PROPEL XL25
D	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPAVE +	43909			GAL	ADMX TYA MASTERPV +
D	CHEM ADMIXTURE, AASHTO M194, TY A,	MASTERPAVE +	43909M			LITER	ADMX TYA MASTERPV +
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSO ENVIROMIX 380	43910			GAL	ADMX TYAF NVROMX 380
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSO ENVIROMIX 380	43910M			LITER	ADMX TYAF NVROMX 380
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSOFL OPTIMA256EMX	43911			GAL	ADMX TYAF OPTIMA 256
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSOFL OPTIMA256EMX	43911M			LITER	ADMX TYAF OPTIMA 256

SEQ: MATCODE MATERIAL GROUP: 420 CHEMICALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY A,	43912	MASTERPOLYHEED 900			GAL	ADMX TYA MPHEED 900
	CHEM ADMIXTURE, AASHTO M194, TY A,	43912M	MASTERPOLYHEED 900			LITER	ADMX TYA MPHEED 900
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43913	PLASTOL ULTRA 109			GAL	ADMX TYF PLSTLULT109
D	CHEM ADMIXTURE, AASHTO M194, TY F,	43913M	PLASTOL ULTRA 109			LITER	ADMX TYF PLSTLULT109
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43914	PLASTOL 6420			GAL	ADMX TYAF PLSTL 6420
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43914M	PLASTOL 6420			LITER	ADMX TYAF PLSTL 6420
	CHEM ADMIXTURE, AASHTO M194, TYA, F, SCC, MASTERGLENIU	43915	7511			GAL	ADMX TYAFSCC MGN7511
	CHEM ADMIXTURE, AASHTO M194, TYA, F, SCC, MASTERGLENIU	43915M	7511			LITER	ADMX TYAFSCC MGN7511
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43916	MASTERSSET R 300			GAL	ADMX TYBD MSET R300
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43916M	MASTERSSET R 300			LITER	ADMX TYBD MSET R300
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43917	ADVA 140M			GAL	ADMX TYAF ADVA 140M
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43917M	ADVA 140M			LITER	ADMX TYAF ADVA 140M
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43918	PLASTIMENT ES			GAL	ADMX TYBD PLASTMX ES
D	CHEM ADMIXTURE, AASHTO M194, TY B, D,	43918M	PLASTIMENT ES			LITER	ADMX TYBD PLASTMX ES
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43919	KB-2000			GAL	ADMX TYAF KB-2000
D	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43919M	KB-2000			LITER	ADMX TYAF KB-2000
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43920	EVO 2500			GAL	ADMX TYAF EVO 2500
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43920M	EVO 2500			LITER	ADMX TYAF EVO 2500
	CHEM ADMIXTURE, AASHTO M194, TY F,	43921	POLYCHEM 775			GAL	ADMX TYF PLYCHM 775
	CHEM ADMIXTURE, AASHTO M194, TY F,	43921M	POLYCHEM 775			LITER	ADMX TYF PLYCHM 775
	CHEM ADMIXTURE, AASHTO M194, TY A,	43922	KB-1200			GAL	ADMX TYA KB-1200
	CHEM ADMIXTURE, AASHTO M194, TY A,	43922M	KB-1200			LITER	ADMX TYA KB-1200
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43923	ADVACAST 600			GAL	ADMX TYAF ADVCAST 600
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	43923M	ADVACAST 600			LITER	ADMX TYAF ADVCAST 600

SEQ: MATCODE MATERIAL GROUP: 420 CHEMICALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY B,	SIKATARD 440	43924			GAL	ADMX TYB SIKATARD440
	CHEM ADMIXTURE, AASHTO M194, TY B,	SIKATARD 440	43924M			LITER	ADMX TYB SIKATARD440
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	VISCOCRETE 1000	43925			GAL	ADMX TYAF VSCRTE1000
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	VISCOCRETE 1000	43925M			LITER	ADMX TYAF VSCRTE1000
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	VIBROPLEX NC	43926			GAL	ADMX TYCE VBROPLX NC
D	CHEM ADMIXTURE, AASHTO M194, TY C, E,	VIBROPLEX NC	43926M			LITER	ADMX TYCE VBROPLX NC
	CHEM ADMIXTURE, AASHTO M194, TY C,	DARASET 442	43927			GAL	ADMX TYC DARASET442
	CHEM ADMIXTURE, AASHTO M194, TY C,	DARASET 442	43927M			LITER	ADMX TYC DARASET442
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSO ENVIROMIX 728	43928			GAL	ADMX TYAF NVROMX 728
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSO ENVIROMIX 728	43928M			LITER	ADMX TYAF NVROMX 728
	CHEM ADMIXTURE, AASHTO M194, TY A,	SIKAPLAST 200	43929			GAL	ADMX TYA SIKAPLST200
	CHEM ADMIXTURE, AASHTO M194, TY A,	SIKAPLAST 200	43929M			LITER	ADMX TYA SIKAPLST200
	CHEM ADMIXTURE, AASHTO M194, TY F,	SIKAMENT SPMN	43930			GAL	ADMX TYF SKAMNT SPMN
	CHEM ADMIXTURE, AASHTO M194, TY F,	SIKAMENT SPMN	43930M			LITER	ADMX TYF SKAMNT SPMN
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTOCRETE 80	43931			GAL	ADMX TYF PLSTOCRT 80
D	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTOCRETE 80	43931M			LITER	ADMX TYF PLSTOCRT 80
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTOCRETE 100	43932			GAL	ADMX TYA PLSTCRT 100
D	CHEM ADMIXTURE, AASHTO M194, TY A,	PLASTOCRETE 100	43932M			LITER	ADMX TYA PLSTCRT 100
	CHEM ADMIXTURE, AASHTO M194, TY F,	POLYCHEM SPC	43933			GAL	ADMX TYF POLY SPC
	CHEM ADMIXTURE, AASHTO M194, TY F,	POLYCHEM SPC	43933M			LITER	ADMX TYF POLY SPC
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVA 195	43934			GAL	ADMX TYF ADVA 195
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVA 195	43934M			LITER	ADMX TYF ADVA 195
	CHEM ADMIXTURE, AASHTO M194, TY C, E,	SIKASET NC-4	43935			GAL	ADMX TYCE SKASET NC4
	CHEM ADMIXTURE, AASHTO M194, TY C, E,	SIKASET NC-4	43935M			LITER	ADMX TYCE SKASET NC4

SEQ: MATCODE MATERIAL GROUP: 420 CHEMICALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CHEM ADMIXTURE, AASHTO M194, TY B,	POLYCHEM RENU	43936			GAL	ADMX TYB POLYCHMRENU
	CHEM ADMIXTURE, AASHTO M194, TY B,	POLYCHEM RENU	43936M			LITER	ADMX TYB POLYCHMRENU
	CHEM ADMIXTURE, AASHTO M194, TY F,	PC-441	43937			GAL	ADMX TYF PC-441
	CHEM ADMIXTURE, AASHTO M194, TY F,	PC-441	43937M			LITER	ADMX TYF PC-441
	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVACAST 585	43938			GAL	ADMX TYF ADVCAST 585
	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVACAST 585	43938M			LITER	ADMX TYF ADVCAST 585
	CHEM ADMIXTURE, AASHTO M194, TY F,	MASTERGLENIU 7710	43939			GAL	ADMX TYF MGLEN 7710
	CHEM ADMIXTURE, AASHTO M194, TY F,	MASTERGLENIU 7710	43939M			LITER	ADMX TYF MGLEN 7710
	CHEM ADMIXTURE, AASHTO M194, TY S,	EUCON ABS	43940			GAL	ADMX TYS EUCON ABS
	CHEM ADMIXTURE, AASHTO M194, TY S,	EUCON ABS	43940M			LITER	ADMX TYS EUCON ABS
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO 700	43941			GAL	ADMX TYA OPTIFLO 700
	CHEM ADMIXTURE, AASHTO M194, TY A,	OPTIFLO 700	43941M			LITER	ADMX TYA OPTIFLO 700
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 5600	43942			GAL	ADMX TYF UFLO 5600
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ULTRAFLO 5600	43942M			LITER	ADMX TYF UFLO 5600
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSOFLUID PREMIA198	43943			GAL	ADMX TYAF PREMIA 198
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSOFLUID PREMIA198	43943M			LITER	ADMX TYAF PREMIA 198
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSOFL OPTIMA258EMX	43944			GAL	ADMX TYAF OPTIMA 258
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	CHRYSOFL OPTIMA258EMX	43944M			LITER	ADMX TYAF OPTIMA 258
	CHEM ADMIXTURE, AASHTO M194, TY D,	CHRYSO CONTROL SET 125	43945			GAL	ADMX TYD CHRYSET125
	CHEM ADMIXTURE, AASHTO M194, TY D,	CHRYSO CONTROL SET 125	43945M			LITER	ADMX TYD CHRYSET125
	CHEM ADMIXTURE, AASHTO M194, TY C,	OZ-SET 2	43946			GAL	ADMX TYC OZSET 2
	CHEM ADMIXTURE, AASHTO M194, TY C,	OZ-SET 2	43946M			LITER	ADMX TYC OZSET 2
	CHEM ADMIXTURE, AASHTO M194, TYA, F, SCC, MASTERGLENIU 7920		43947			GAL	ADMX TYAFSCC MGN7920
	CHEM ADMIXTURE, AASHTO M194, TYA, F, SCC, MASTERGLENIU 7920		43947M			LITER	ADMX TYAFSCC MGN7920

SEQ: MATCODE MATERIAL GROUP: 420 CHEMICALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVA 198	43948			GAL	ADMX TYF ADVA 198
D	CHEM ADMIXTURE, AASHTO M194, TY F,	ADVA 198	43948M			LITER	ADMX TYF ADVA 198
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	EUCON STASIS	43949			GAL	ADMX TYBD STASIS
	CHEM ADMIXTURE, AASHTO M194, TY B, D,	EUCON STASIS	43949M			LITER	ADMX TYBD STASIS
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	PLASTOL 6400	43950			GAL	ADMX TYAF PLSTL 6400
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	PLASTOL 6400	43950M			LITER	ADMX TYAF PLSTL 6400
	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTOL ULTA 209	43951			GAL	ADMX TYF PLSTULT 209
	CHEM ADMIXTURE, AASHTO M194, TY F,	PLASTOL ULTA 209	43951M			LITER	ADMX TYF PLSTULT 209
D	CHEM ADMIXTURE, AASHTO M194, TY A,	ZYLA 620	43952			GAL	ADMX TYA ZYLA 620
D	CHEM ADMIXTURE, AASHTO M194, TY A,	ZYLA 620	43952M			LITER	ADMX TYA ZYLA 620
	CHEM ADMIXTURE, AASHTO M194, TY A,	ZYLA 640	43953			GAL	ADMX TYA ZYLA 640
	CHEM ADMIXTURE, AASHTO M194, TY A,	ZYLA 640	43953M			LITER	ADMX TYA ZYLA 640
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	MIRA 95	43954			GAL	ADMX TYAF MIRA 95
	CHEM ADMIXTURE, AASHTO M194, TY A, F,	MIRA 95	43954M			LITER	ADMX TYAF MIRA 95
	CHEM ADMIXTURE, AASHTO M194, TY A,	ADVA XT2	43955			GAL	ADMX TYA ADVA XT2
	CHEM ADMIXTURE, AASHTO M194, TY A,	ADVA XT2	43955M			LITER	ADMX TYA ADVA XT2

SEQ: MATCODE

MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SHEET, ZINC COATED IRON OR STEEL (FL,C OR CORR CUT LENGTHS)	45101		16		N/A	SHEETS ZNCT IRSTL
	SHEET, ZINC COATED IRON OR STEEL (FL,C OR CORR CUT LENGTHS)	45101M		16		NA	SHEETS ZNCT IRSTL
	SHEET, PC GALV. STEEL TYPE B (FL,C OR CORR CUT LENGTHS)	45102		16		N/A	SHEETS PRCT GALV TYB
	SHEET, PC GALV. STEEL TYPE B (FL,C OR CORR CUT LENGTHS)	45102M		16		NA	SHEETS PRCT GALV TYB
	SHEET,ALUMINUM COATED(TYPE 2)STEEL(FL,C OR CORR CUT LENGTHS)	45103		16		N/A	SHEETS ALCT TY2 ST
	SHEET,ALUMINUM COATED(TYPE 2)STEEL(FL,C OR CORR CUT LENGTHS)	45103M		16		NA	SHEETS ALCT TY2 ST
	PIPE, CIRC, CIRCUM CORR, GALV. STEEL	45201	33	16		LINFT	PIPE CIRC CCGS
	PIPE, CIRC, CIRCUM CORR, GALV. STEEL	45201M	33	16		METER	PIPE CIRC CCGS
D	PIPE, CIRC, CIRCUM CORR, BIT. COATED GALV. STEEL	45202	33	16		LINFT	PIPE CIRC CCGS BITCT
D	PIPE, CIRC, CIRCUM CORR, BIT. COATED GALV. STEEL	45202M	33	16		METER	PIPE CIRC CCGS BITCT
	PIPE, CIRC, CIRCUM CORR, PRECOATED GALV. STEEL	45203	33	16		LINFT	PIPE CIRC CCGS PRCT
	PIPE, CIRC, CIRCUM CORR, PRECOATED GALV. STEEL	45203M	33	16		METER	PIPE CIRC CCGS PRCT
	TEE, CIRC CIRCUM CORR, GALV. STEEL	45204	14	14		EA	TEE CIRC CCGS
	TEE, CIRC CIRCUM CORR, GALV. STEEL	45204M	14	14		EA	TEE CIRC CCGS
	ELBOW, CIRC CIRCUM, GALV. STEEL	45205	14	55		EA	ELBOW CIRC CCGS
	ELBOW, CIRC CIRCUM, GALV. STEEL	45205M	14	55		EA	ELBOW CIRC CCGS
D	TEE, CIRC CIRCUM CORR, BIT. COATED GALV. STEEL	45206	14	14		EA	TEE CIRC CCGSBITCT
D	TEE, CIRC CIRCUM CORR, BIT. COATED GALV. STEEL	45206M	14	14		EA	TEE CIRC CCGSBITCT
D	ELBOW, CIRC CIRCUM, BIT. COATED GALV. STEEL	45207	14	55		EA	ELBOW CIRC CCGSBITCT
D	ELBOW, CIRC CIRCUM, BIT. COATED GALV. STEEL	45207M	14	55		EA	ELBOW CIRC CCGSBITCT
D	RISERS, DROPINLET, CIRCULAR, CIRCUM CORR, GALV. STEEL	45208	14	16		EA	RISER INLET CIRCCCGS
D	RISERS, DROPINLET, CIRCULAR, CIRCUM CORR, GALV. STEEL	45208M	14	16		EA	RISER INLET CIRCCCGS
	ELBOW, CIRC CIRCUM PRECOATED GALV STEEL	45209	14	55		EA	ELBOW CIRC CCPRCT GS
	ELBOW, CIRC CIRCUM PRECOATED GALV STEEL	45209M	14	55		EA	ELBOW CIRC CCPRCT GS

SEQ: MATCODE

MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	TEE, CIRC CIRCUM PRECOATED GALV STEEL	45210	14	14		EA	TEE CIRC CCPRCT GS
D	TEE, CIRC CIRCUM PRECOATED GALV STEEL	45210M	14	14		EA	TEE CIRC CCPRCT GS
	PIPE, CIRC, CIRCUM, ALUM-COATED STEEL	45215	33	16		LINFT	PIPE CIRC CC ALST
	PIPE, CIRC, CIRCUM, ALUM-COATED STEEL	45215M	33	16		METER	PIPE CIRC CC ALST
D	PIPE, CIRC. CIRCUM, ALUM-COATED STEEL, BIT. COATED	45216	33	16		LINFT	PIPE CIRC CC ALSTBC
D	PIPE, CIRC. CIRCUM, ALUM-COATED STEEL, BIT. COATED	45216M	33	16		METER	PIPE CIRC CC ALSTBC
D	ELBOW, CIRC CIRCUM CORR, ALUM-COATED STEEL	45217	14	55		EA	ELBOW CIRC CC AALST
D	ELBOW, CIRC CIRCUM CORR, ALUM-COATED STEEL	45217M	14	55		EA	ELBOW CIRC CC ALST
D	TEE, CIRC CIRCUM CORR, ALUM-COATED STEEL	45218	14	14		EA	TEE CIRC CC ALST
D	TEE, CIRC CIRCUM CORR, ALUM-COATED STEEL	45218M	14	14		EA	TEE CIRC CC ALST
	PIPE, CIRC, HELI CORR, GALV. STEEL	45301	33	16		LINFT	PIPE CIRC HCGS
	PIPE, CIRC, HELI CORR, GALV. STEEL	45301M	33	16		METER	PIPE CIRC HCGS
	PIPE, CIRC, HELI CORR, BIT. COATED GALV. STEEL	45302	33	16		LINFT	PIPE CIRC HCGS BITCT
	PIPE, CIRC, HELI CORR, BIT. COATED GALV. STEEL	45302M	33	16		METER	PIPE CIRC HCGS BITCT
	PIPE, CIRC, HELI CORR, PRECOATED GALV. STEEL	45303	33	16		LINFT	PIPE CIRC HCGS PRCT
	PIPE, CIRC, HELI CORR, PRECOATED GALV. STEEL	45303M	33	16		METER	PIPE CIRC HCGS PRCT
	TEE, CIRC HELI CORR, GALV. STEEL	45304	14	14		EA	TEE CIRC HCGS
	TEE, CIRC HELI CORR, GALV. STEEL	45304M	14	14		EA	TEE CIRC HCGS
	ELBOW, CIRC HELI CORR. GALV., STEEL	45305	14	55		EA	ELBOW CIRC HCGS
	ELBOW, CIRC HELI CORR. GALV., STEEL	45305M	14	55		EA	ELBOW CIRC HCGS
D	TEE, CIRC HELI CORR, BIT. COATED GALV. STEEL	45306	14	14		EA	TEE CIRC HCGSBITCT
D	TEE, CIRC HELI CORR, BIT. COATED GALV. STEEL	45306M	14	14		EA	TEE CIRC HCGSBITCT
D	ELBOW, CIRC HELI CORR., BIT. COATED GALV. STEEL	45307	14	55		EA	ELBOW CIRC HCGSBITCT
D	ELBOW, CIRC HELI CORR., BIT. COATED GALV. STEEL	45307M	14	55		EA	ELBOW CIRC HCGSBITCT

SEQ: MATCODE

MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, CIRC, HELI CORR, RECORR END ANNULAR, GALV. STEEL	45308	14			LINFT	PIPE HCGS RECOR
	PIPE, CIRC, HELI CORR, RECORR END ANNULAR, GALV. STEEL	45308M	14			METER	PIPE HCGS RECOR
D	PIPE, CIRC, HELI CORR, RECORR END ANNUL, BITCOATED GALVSTEEL	45309	14			LINFT	PIPE HCGS BITCTRECOR
D	PIPE, CIRC, HELI CORR, RECORR END ANNUL, BITCOATED GALVSTEEL	45309M	14			METER	PIPE HCGS BITCTRECOR
	PIPE, CIRC, HELI CORR, RECORR END ANNUL, ALUM-COATED STEEL	45310	14			LINFT	PIPE HC RECOR ALSTL
	PIPE, CIRC, HELI CORR, RECORR END ANNUL, ALUM-COATED STEEL	45310M	14			METER	PIPE HC RECOR ALSTL
D	WYE, CIRC, HELI CORR, GALV STEEL	45311	14X14			EA	WYE CIRC HCGS
D	WYE, CIRC, HELI CORR, GALV STEEL	45311M	14X14			EA	WYE CIRC HCGS
	PIPE, CIRC, HELI CORR, ALUM-COATED STEEL	45315	33	16		LINFT	PIPE CIRC HC ALST
	PIPE, CIRC, HELI CORR, ALUM-COATED STEEL	45315M	33	16		METER	PIPE CIRC HC ALST
	ELBOW, CIRC, HELI CORR, ALUM-COATED STEEL	45316	14	55		EA	ELBOW CIRC HC ALST
	ELBOW, CIRC, HELI CORR, ALUM-COATED STEEL	45316M	14	55		EA	ELBOW CIRC HC ALST
	PIPE, CIRC, HELI CORR, RECORR END ANNUL, PRECOATED GALVSTEEL	45317	14			LINFT	PIPE HCGS PRCTRECOR
	PIPE, CIRC, HELI CORR, RECORR END ANNUL, PRECOATED GALVSTEEL	45317M	14			METER	PIPE HCGS PRCTRECOR
D	TEE, CIRC, HELI CORR, ALUM-COATED STEEL	45318	14	14		EA	TEE CIRC HC ALST
D	TEE, CIRC, HELI CORR, ALUM-COATED STEEL	45318M	14	14		EA	TEE CIRC HC ALST
D	MATERIAL CODE CREATED IN ERROR - NO USAGE	45319				LINFT	CREATED IN ERROR
D	MATERIAL CODE CREATED IN ERROR - NO USAGE	45319M				METER	CREATED IN ERROR
	ELBOW, CIRC, HELI CORR, RECORR END ANNUL, PRECOAT GALVSTEEL	45320	14	55		EA	ELBOW HCGS PRCTRECOR
	ELBOW, CIRC, HELI CORR, RECORR END ANNUL, PRECOAT GALVSTEEL	45320M	14	55		EA	ELBOW HCGS PRCTRECOR
	PIPE ARCH, CIRCUM CORR, GALV. STEEL	45401	26	16		LINFT	PIPE ARCH CCGS
	PIPE ARCH, CIRCUM CORR, GALV. STEEL	45401M	26	16		METER	PIPE ARCH CCGS
D	PIPE ARCH, CIRCUM CORR, BIT. COATED GALV. STEEL	45402	26	16		LINFT	PIPE ARCH CCGS BITCT
D	PIPE ARCH, CIRCUM CORR, BIT. COATED GALV. STEEL	45402M	26	16		METER	PIPE ARCH CCGS BITCT

SEQ: MATCODE

MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE ARCH, CIRCUM CORR, PRECOATED GALV. STEEL	45403	26	16		LINFT	PIPE ARCH CCGS PRCT
	PIPE ARCH, CIRCUM CORR, PRECOATED GALV. STEEL	45403M	26	16		METER	PIPE ARCH CCGS PRCT
D	TEE, ARCH CIRC CIRCUM CORR, GALV. STEEL	45404	14	14		EA	TEE ARCH CCGS
D	TEE, ARCH CIRC CIRCUM CORR, GALV. STEEL	45404M	14	14		EA	TEE ARCH CCGS
D	ELBOW, ARCH CIRC CIRCUM, GALV. STEEL	45405	14	55		EA	ELBOW ARCH CCGS
D	ELBOW, ARCH CIRC CIRCUM, GALV. STEEL	45405M	14	55		EA	ELBOW ARCH CCGS
D	TEE, ARCH CIRC CIRCUM CORR, BIT. COATED GALV. STEEL	45406	14	14		EA	TEE ARCH CCGSBITCT
D	TEE, ARCH CIRC CIRCUM CORR, BIT. COATED GALV. STEEL	45406M	14	14		EA	TEE ARCH CCGSBITCT
D	ELBOW, ARCH CIRC CIRCUM, BIT. COATED GALV. STEEL	45407	14	55		EA	ELBOW ARCH CCGSBITCT
D	ELBOW, ARCH CIRC CIRCUM, BIT. COATED GALV. STEEL	45407M	14	55		EA	ELBOW ARCH CCGSBITCT
	PIPE ARCH, CIRCUM CORR, ALUM-COATED STEEL	45408	26	16		LINFT	PIPE ARCH CCST ALCT
	PIPE ARCH, CIRCUM CORR, ALUM-COATED STEEL	45408M	26	16		METER	PIPE ARCH CCST ALCT
D	PIPE ARCH, CIRCUM CORR, ALUM-COATED STEEL, BIT COATED	45409	26	16		LINFT	PIPE ARCH CC ALST BC
D	PIPE ARCH, CIRCUM CORR, ALUM-COATED STEEL, BIT COATED	45409M	26	16		METER	PIPE ARCH CC ALST BC
	PIPE ARCH, HELI CORR, GALV. STEEL	45501	26	16		LINFT	PIPE ARCH HCGS
	PIPE ARCH, HELI CORR, GALV. STEEL	45501M	26	16		METER	PIPE ARCH HCGS
D	PIPE ARCH, HELI CORR, BIT. COATED GALV. STEEL	45502	26	16		LINFT	PIPE ARCH HCGS BITCT
D	PIPE ARCH, HELI CORR, BIT. COATED GALV. STEEL	45502M	26	16		METER	PIPE ARCH HCGS BITCT
D	PIPE ARCH, HELI CORR, PRECOATED GALV. STEEL	45503	26	16		LINFT	PIPE ARCH HCGS PRCT
D	PIPE ARCH, HELI CORR, PRECOATED GALV. STEEL	45503M	26	16		METER	PIPE ARCH HCGS PRCT
D	TEE, ARCH CIRC HELI CORR, GALV. STEEL	45504	26	26		EA	TEE ARCH CIRC HCGS
D	TEE, ARCH CIRC HELI CORR, GALV. STEEL	45504M	26	26		EA	TEE ARCH CIRC HCGS
D	ELBOW, ARCH CIRC HELI CORR, GALV. STEEL	45505	14	55		EA	ELBOW ARCH CIRC HCGS
D	ELBOW, ARCH CIRC HELI CORR, GALV. STEEL	45505M	14	55		EA	ELBOW ARCH CIRC HCGS

SEQ: MATCODE

MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	TEE, ARCH HELI CORR, BIT. COATED GALV. STEEL	45506	26	26		EA	TEE ARCH HCGSBITCT
D	TEE, ARCH HELI CORR, BIT. COATED GALV. STEEL	45506M	26	26		EA	TEE ARCH HCGSBITCT
D	ELBOW, ARCH HELI CORR., BIT. COATED GALV. STEEL	45507	14	55		EA	ELBOW ARCH HCGSBITCT
D	ELBOW, ARCH HELI CORR., BIT. COATED GALV. STEEL	45507M	14	55		EA	ELBOW ARCH HCGSBITCT
	PIPE ARCH, CIRC, HELI CORR, RECORR END ANNULAR, GALV.STEEL	45508	14			LINFT	PIPEARCH HCGSRECOR
	PIPE ARCH, CIRC, HELI CORR, RECORR END ANNULAR, GALV.STEEL	45508M	14			METER	PIPEARCH HCGSRECOR
D	PIPE ARCH,CIRC,HELICORR,RECORR END ANNUL,BIT.COAT,GALV.STEEL	45509	14			LINFT	PIPEARCH HCGSBCRECOR
D	PIPE ARCH,CIRC,HELICORR,RECORR END ANNUL,BIT.COAT,GALV.STEEL	45509M	14			METER	PIPEARCH HCGSBCRECOR
	PIPE ARCH, HELI CORR, ALUM-COATED STEEL	45510	26	16		LINFT	PIPE ARCH HC ALCT
	PIPE ARCH, HELI CORR, ALUM-COATED STEEL	45510M	26	16		METER	PIPE ARCH HC ALCT
	PIPE ARCH, HELI CORR, RECORR END ANNUAL, ALUM-COATED STEEL	45511	26	16		LINFT	PIPE ARHC,RECOR ALCT
	PIPE ARCH, HELI CORR, RECORR END ANNUAL, ALUM-COATED STEEL	45511M	26	16		METER	PIPE ARHC,RECOR ALCT
	PIPE ARCH, HELICORR, RECORR END ANNUL, PRECOATED GALV. STEEL	45512	26	16		LINFT	PIPEARCH HCGSPCRECOR
	PIPE ARCH, HELICORR, RECORR END ANNUL, PRECOATED GALV. STEEL	45512M	26	16		METER	PIPEARCH HCGSPCRECOR
	PIPE, UNDERDRAIN, HELI CORR, PERF, GALV. STEEL	45601	14	16		LINFT	PIPE UDR PFHCST
	PIPE, UNDERDRAIN, HELI CORR, PERF, GALV. STEEL	45601M	14	16		METER	PIPE UDR PFHCST
D	PIPE, UNDERDRAIN, HELI CORR, PERF, BIT. COATED STEEL	45602	14	16		LINFT	PIPEUDR PFHCGS BITCT
D	PIPE, UNDERDRAIN, HELI CORR, PERF, BIT. COATED STEEL	45602M	14	16		METER	PIPEUDR PFHCGS BITCT
D	PIPE, UNDERDRAIN, HELI CORR, PERF, PRECOATED STEEL	45603	14	16		LINFT	PIPEUDR PFHCGS PRCT
D	PIPE, UNDERDRAIN, HELI CORR, PERF, PRECOATED STEEL	45603M	14	16		METER	PIPEUDR PFHCGS PRCT
	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, GALV. STEEL	45701	14	16		LINFT	PIPEUDR PFCCGS
	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, GALV. STEEL	45701M	14	16		METER	PIPEUDR PFCCGS
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, BIT. COATED STEEL	45702	14	16		LINFT	PIPEUDR PF CCGSBITCT
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, BIT. COATED STEEL	45702M	14	16		METER	PIPEUDR PF CCGSBITCT

SEQ: MATCODE

MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, PRECOATED STEEL	45703	14	16		LINFT	PIPEUDR PF CCGSPRCT
	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, PRECOATED STEEL	45703M	14	16		METER	PIPEUDR PF CCGSPRCT
D	PIPE, UNDERDRAIN, SEMICIRCULAR, STEEL	45801		16		LINFT	PIPEUDR SEMI STEEL
D	PIPE, UNDERDRAIN, SEMICIRCULAR, STEEL	45801M		16		METER	PIPEUDR SEMI STEEL
D	PIPE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED STEEL	45802		16		LINFT	PIPEUDR BITCT SEMIST
D	PIPE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED STEEL	45802M		16		METER	PIPEUDR BITCT SEMIST
D	PIPE, UNDERDRAIN, SEMICIRCULAR, PRECOATED STEEL	45803		16		LINFT	PIPEUDR PRCT SEMI ST
D	PIPE, UNDERDRAIN, SEMICIRCULAR, PRECOATED STEEL	45803M		16		METER	PIPEUDR PRCT SEMI ST
D	TEE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED STEEL	45804	14	14		EA	TEE UDR SEMI BITCTST
D	TEE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED STEEL	45804M	14	14		EA	TEE UDR SEMI BITCTST
D	ELBOW, UNDERDRAIN, SEMICIRCULAR, BIT. COATED, STEEL	45805	14	55		EA	ELBOW UDRSEMI BITCT
D	ELBOW, UNDERDRAIN, SEMICIRCULAR, BIT. COATED, STEEL	45805M	14	55		EA	ELBOW UDRSEMI BITCT
D	TEE, UNDERDRAIN, SEMICIRCULAR, GALV. STEEL	45806	14	14		EA	TEE UDR SEMI GVST
D	TEE, UNDERDRAIN, SEMICIRCULAR, GALV. STEEL	45806M	14	14		EA	TEE UDR SEMI GVST
D	ELBOW, UNDERDRAIN, SEMICIRCULAR, GALV. STEEL	45807	14	55		EA	ELBOW UDRSEMI GVST
D	ELBOW, UNDERDRAIN, SEMICIRCULAR, GALV. STEEL	45807M	14	55		EA	ELBOW UDRSEMI GVST
	END SECTIONS, CIRCULAR, METAL	45901	14			EA	END SEC CIRC METAL
	END SECTIONS, CIRCULAR, METAL	45901M	14			EA	END SEC CIRC METAL
	END SECTIONS, PIPE ARCH, METAL	45902	14			EA	END SEC PARCH METAL
	END SECTIONS, PIPE ARCH, METAL	45902M	14			EA	END SEC PARCH METAL
D	END SECTIONS, CIRCULAR, BIT. COATED GALV. STEEL	45903	14			EA	END SEC CIRC BITCTST
D	END SECTIONS, CIRCULAR, BIT. COATED GALV. STEEL	45903M	14			EA	END SEC CIRC BITCTST
D	END SECTIONS, PIPE ARCH, BIT. COATED GALV. STEEL	45904	14			EA	END SEC PARC BITCTST
D	END SECTIONS, PIPE ARCH, BIT. COATED GALV. STEEL	45904M	14			EA	END SEC PARC BITCTST

SEQ: MATCODE

MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GATE, AUTOMATIC FLAP	46001	14			EA	GATE AUTOMATIC FLAP
	GATE, AUTOMATIC FLAP	46001M	14			EA	GATE AUTOMATIC FLAP
D	GATE, CANAL	46002	14			EA	GATE CANAL
D	GATE, CANAL	46002M	14			EA	GATE CANAL
D	PIPE, PLATE, COUPON, GALV. STEEL	46101				N/A	PIPE PLATE CPN GCST
D	PIPE, PLATE, CORR, GALV. STEEL	46102	14	16		LINFT	PIPE PLATE GVCORRST
D	PIPE, PLATE, CORR, GALV. STEEL	46102M	14	16		METER	PIPE PLATE GVCORRST
	PIPE ARCH, PLATE, CORR, GALV. STEEL	46103	22	16		LINFT	PIPE ARCHPT GVCORRST
	PIPE ARCH, PLATE, CORR, GALV. STEEL	46103M	22	16		METER	PIPE ARCHPT GVCORRST
D	ARCH GALV. PLATE CORRUGATED STEEL (NO BOTTOM)	46104	22	16		LINFT	ARCH GALV PT CORRST
D	ARCH GALV. PLATE CORRUGATED STEEL (NO BOTTOM)	46104M	22	16		METER	ARCH GALV PT CORRST
D	PIPE, PLATE, BIT. COATED GALV. STEEL	46105	14	16		LINFT	PIPE PLATE BITCTST
D	PIPE, PLATE, BIT. COATED GALV. STEEL	46105M	14	16		METER	PIPE PLATE BITCTST
D	PIPE ARCH, PLATE, BIT. COATED GALV. STEEL	46106	22	16		LINFT	PIPE ARCH PT BITCTST
D	PIPE ARCH, PLATE, BIT. COATED GALV. STEEL	46106M	22	16		METER	PIPE ARCH PT BITCTST
	BAND, GALV. STEEL CONNECTORS	46201	14	16		EA	BAND GALV STEEL
	BAND, GALV. STEEL CONNECTORS	46201M	14	16		EA	BAND GALV STEEL
D	CAPS, GALV. STEEL END	46202	14			EA	CAPS END GALV STEEL
D	CAPS, GALV. STEEL END	46202M	14			EA	CAPS END GALV STEEL
D	DIAPHRAGMS, STEEL	46203	33	16		EA	DIAPHRAGMS STEEL
D	DIAPHRAGMS, STEEL	46203M	33	16		EA	DIAPHRAGMS STEEL
D	DITCH CHECKS, STEEL	46204		16		SQFT	DITCH CHECKS STEEL
D	DITCH CHECKS, STEEL	46204M		16		SQ M	DITCH CHECKS STEEL
D	DRAINS, DECK GALV CORR PIPE	46205	12X13 OR 14			EA	DRAIN DECK GV CORRST

SEQ: MATCODE

MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	DRAINS, DECK GALV CORR PIPE	46205M	12X13	OR 14		EA	DRAIN DECK GV CORRST
	DRAIN, SLOTTED, CIRC, CIRCUM CORR GALV. STEEL (VANE)	46206	14			LINFT	DRAIN SLOT CIRC CCGS
	DRAIN, SLOTTED, CIRC, CIRCUM CORR GALV. STEEL (VANE)	46206M	14			METER	DRAIN SLOT CIRC CCGS
D	GUARD, ANIMAL, STEEL, GALV	46207				EA	GUARD ANIMAL ST GALV
D	GUARD, ANIMAL, STEEL, GALV	46207M				EA	GUARD ANIMAL ST GALV
D	DRAINS, DECK,BIT. COATED GALV. CORP. PIPE	46208				EA	DRAIN DK BITCT'GVCRS
D	DRAINS, DECK, BIT. COATED GALV. CORP. PIPE	46208M				EA	DRAIN DK BITCT'GVCRS
D	DRAIN, SLOTTED, CIRC, BIT. COATED, CIRCUM CORR. GALV. STEEL	46209				LINFT	DRAIN SLT CRBITCT GS
D	DRAIN, SLOTTED, CIRC, BIT. COATED, CIRCUM CORR. GALV. STEEL	46209M				METER	DRAIN SLT CRBITCT GS
	DRAIN, SLOTTED, CIRC, HELI CORR, BIT. COATED, GALV. STEEL	46210	14			LINFT	DRAIN SLOT CIRC HIGS
	DRAIN, SLOTTED, CIRC, HELI CORR, BIT. COATED, GALV. STEEL	46210M	14			METER	DRAIN SLOT CIRC HIGS
D	DROP BOX, METAL	46211	14			EA	DROP BOX METAL
D	DROP BOX, METAL	46211M	14			EA	DROP BOX METAL
	DRAIN SLOTTED, CIRC, HELICORR GALV. STEEL	46212	14			LINFT	DRAIN SLOT CIRC HICS
	DRAIN SLOTTED, CIRC, HELICORR GALV. STEEL	46212M	14			METER	DRAIN SLOT CIRC HICS
D	COLLAR, SEEPAGE, STEEL, GALV.	46213				EA	COLLAR SEEPAGE GVST
D	COLLAR, SEEPAGE, STEEL, GALV.	46213M				EA	COLLAR SEEPAGE GVST
D	METAL ENERGY DISSIPATORS, GALV STEEL	46214	14			EA	MET ENGR DISP GS
D	METAL ENERGY DISSIPATORS, GALV STEEL	46214M	14			EA	MET ENGR DISP GS
	COLLAR, SEEPAGE, STEEL, PRECOATED GALV.	46215				EA	COLLAR SEEP PRCT
	COLLAR, SEEPAGE, STEEL, PRECOATED GALV.	46215M				EA	COLLAR SEEP PRCT
D	COLLAR, SEEPAGE, STEEL, BIT COATED GALV.	46216				EA	COLLAR SEEP BIT CTD
D	COLLAR, SEEPAGE, STEEL, BIT COATED GALV.	46216M				EA	COLLAR SEEP BIT CTD
D	DRAIN, SLOTTED, CIRC, HELICORR, RECOR END, GALV STEEL	46217	14			LINFT	DRAIN SLOT CHIBCR GS

SEQ: MATCODE

MATERIAL GROUP: 450 CORRUGATED STEEL PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	DRAIN, SLOTTED, CIRC, HELICORR, RECOR END, GALV STEEL	46217M	14			METER	DRAIN SLOT CHIBCR GS
D	COLLAR, SEEPAGE, STEEL, ALUM-COATED	46218				EA	COLLAR SEEP ALST
D	COLLAR, SEEPAGE, STEEL, ALUM-COATED	46218M				EA	COLLAR SEEP ALST
	DRAIN, SLOTTED, CIRC, HELI CORR, ALUM. COATED STEEL	46219	14			LINFT	DRAIN SLT CIR HIALCT
	DRAIN, SLOTTED, CIRC, HELI CORR, ALUM. COATED STEEL	46219M	14			METER	DRAIN SLT CIR HIALCT
D	TRAP, HALF, REINFORCED CONCRETE	47008				EA	TRAP HALF RECONC
D	TRAP, HALF, NON-REINFORCED CONCRETE	47009	14	31		EA	TRAP HALF NONRECONC
D	BRIDGE SEAT SEALER, PENETRATING	472725				GAL	BSS PENETRATING

SEQ: MATCODE

MATERIAL GROUP: 475 CONCRETE PIPE, BOX SECTIONS AND DRAIN TILE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, CLASS I, CONCRETE	47601	14	19		LINFT	PIPE CLI CONCRETE
	PIPE, CLASS I, CONCRETE	47601M	14	19		METER	PIPE CLI CONCRETE
	PIPE, CLASS II, CONCRETE	47602	14	19		LINFT	PIPE CLII CONCRETE
	PIPE, CLASS II, CONCRETE	47602M	14	19		METER	PIPE CLII CONCRETE
	PIPE, CLASS III, CONCRETE	47603	14	19		LINFT	PIPE CLIII CONCRETE
	PIPE, CLASS III, CONCRETE	47603M	14	19		METER	PIPE CLIII CONCRETE
	PIPE, REINFORCED, CONCRETE CLASS I	47701	14	19	27	LINFT	PIPE CLI RECONC
	PIPE, REINFORCED, CONCRETE CLASS I	47701M	14	19	27	METER	PIPE CLI RECONC
	PIPE, REINFORCED, CONCRETE CLASS II	47702	14	19	27	LINFT	PIPE CLII RECONC
	PIPE, REINFORCED, CONCRETE CLASS II	47702M	14	19	27	METER	PIPE CLII RECONC
	PIPE, REINFORCED, CONCRETE CLASS III	47703	14	19	27	LINFT	PIPE CLIII RECONC
	PIPE, REINFORCED, CONCRETE CLASS III	47703M	14	19	27	METER	PIPE CLIII RECONC
	PIPE, REINFORCED, CONCRETE CLASS IV	47704	14	19	27	LINFT	PIPE CLIV RCONC
	PIPE, REINFORCED, CONCRETE CLASS IV	47704M	14	19	27	METER	PIPE CLIV RCONC
	PIPE, REINFORCED, CONCRETE CLASS V	47705	14	19	27	LINFT	PIPE CLV RCONC
	PIPE, REINFORCED, CONCRETE CLASS V	47705M	14	19	27	METER	PIPE CLV RCONC
	PIPE, REINFORCED, CONCRETE CLASS V SPECIAL	47706	14	19	27	LINFT	PIPE CLV RCONC SPC
	PIPE, REINFORCED, CONCRETE CLASS V SPECIAL	47706M	14	19	27	METER	PIPE CLV RCONC SPC
	PIPE, CONCRETE PRESTRESSED CYLINDER, LINED, ANSI/AWWA C301	47751	14	19		LINFT	PIPE PREST CYL LINED
	PIPE, CONCRETE PRESTRESSED CYLINDER, LINED, ANSI/AWWA C301	47751M	14	19		METER	PIPE PREST CYL LINED
	PIPE, CONCRETE PRESTRESSED CYLINDER, EMBEDDED, ANSI/AWWA C301	47752	14	19		LINFT	PIPE PREST CYL EMBED
	PIPE, CONCRETE PRESTRESSED CYLINDER, EMBEDDED, ANSI/AWWA C301	47752M	14	19		METER	PIPE PREST CYL EMBED
D	TILE, DRAIN, CONCRETE	47801	14	19		LINFT	TILE DRAIN CONCRETE
D	TILE, DRAIN, CONCRETE	47801M	14	19		METER	TILE DRAIN CONCRETE

SEQ: MATCODE

MATERIAL GROUP: 475 CONCRETE PIPE, BOX SECTIONS AND DRAIN TILE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-A	47901	26	19		LINFT	PIPE HE-A RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-A	47901M	26	19		METER	PIPE HE-A RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-I	47902	26	19		LINFT	PIPE HE-I RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-I	47902M	26	19		METER	PIPE HE-I RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-II	47903	26	19		LINFT	PIPE HE-II RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-II	47903M	26	19		METER	PIPE HE-II RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-III	47904	26	19		LINFT	PIPE HE-III RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-III	47904M	26	19		METER	PIPE HE-III RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-IV	47905	26	19		LINFT	PIPE HE-IV RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-IV	47905M	26	19		METER	PIPE HE-IV RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-II	47906	26	19		LINFT	PIPE VE-II RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-II	47906M	26	19		METER	PIPE VE-II RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-III	47907	26	19		LINFT	PIPE VE-III RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-III	47907M	26	19		METER	PIPE VE-III RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-IV	47908	26	19		LINFT	PIPE VE-IV RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-IV	47908M	26	19		METER	PIPE VE-IV RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-V	47909	26	19		LINFT	PIPE VE-V RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-V	47909M	26	19		METER	PIPE VE-V RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-VI	47910	26	19		LINFT	PIPE VE-VI RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS VE-VI	47910M	26	19		METER	PIPE VE-VI RECONC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-V SPECIAL	47911	26	19		LINFT	PIPE HE-V RECONC SPC
	PIPE, ELLIPTICAL REINFORCED, CONCRETE CLASS HE-V SPECIAL	47911M	26	19		METER	PIPE HE-V RECONC SPC
	TEE, REINFORCED CONCRETE PIPE	48001	14	14		EA	TEE RECONC
	TEE, REINFORCED CONCRETE PIPE	48001M	14	14		EA	TEE RECONC

SEQ: MATCODE

MATERIAL GROUP: 475 CONCRETE PIPE, BOX SECTIONS AND DRAIN TILE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ELBOW, REINFORCED CONCRETE PIPE	48002	14	55		EA	ELBOW RECONC
	ELBOW, REINFORCED CONCRETE PIPE	48002M	14	55		EA	ELBOW RECONC
D	ELBOW, NON-REINFORCED CONCRETE PIPE	48003	14	55	31	EA	ELBOW NONRECONC
D	ELBOW, NON-REINFORCED CONCRETE PIPE	48003M	14	55	31	EA	ELBOW NONRECONC
	WYE, REINFORCED CONCRETE	48004	82	56		EA	WYE REINFOR CONC
	WYE, REINFORCED CONCRETE	48004M	82	56		EA	WYE REINFOR CONC
D	WYE, NON-REINFORCED CONCRETE	48005	14X14	56	31	EA	WYE NONREINFOR CONC
D	WYE, NON-REINFORCED CONCRETE	48005M	14X14	56	31	EA	WYE NONREINFOR CONC
	REDUCER, REINFORCED CONCRETE	48006	14	14		EA	REDUCER RECONC
	REDUCER, REINFORCED CONCRETE	48006M	14	14		EA	REDUCER RECONC
D	REDUCER, NON-REINFORCED CONCRETE	48007	14	14	31	EA	REDUCER NONRECONC
D	REDUCER, NON-REINFORCED CONCRETE	48007M	14	14	31	EA	REDUCER NONRECONC
D	TEE, NON-REINFORCED CONCRETE PIPE	48008	14	14		EA	TEE NONRECONC
D	TEE, NON-REINFORCED CONCRETE PIPE	48008M	14	14		EA	TEE NONRECONC
	TRAP, HALF, REINFORCED CONCRETE	48009	14	31		EA	TRAP HALF RECONC
	TRAP, HALF, REINFORCED CONCRETE	48009M	14	31		EA	TRAP HALF RECONC
D	TRAP, HALF, NON-REINFORCED CONCRETE	48010	14	31		EA	TRAP HALF NONRECONC
D	TRAP, HALF, NON-REINFORCED CONCRETE	48010M	14	31		EA	TRAP HALF NONRECONC
D	BOX SECTION, REINFORCED, CONCRETE CLASS I	48201	13X11	29		LINFT	BOX SEC CLI RECONC
D	BOX SECTION, REINFORCED, CONCRETE CLASS II	48202	13X11	29		LINFT	BOX SEC CLII RECONC
D	BOX SECTION, REINFORCED, CONCRETE CLASS III	48203	13X11	29		LINFT	BOX SEC CLIII RECONC
D	ELBOW, BOX SECTION, REINFORCED CONCRETE	48204	13X11	19	31	LINFT	ELBOW BOX SEC RECONC
D	FLARED END, BOX SECTION	48205	11	13		EA	FLARED END BOX SECT
	BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 1	48211	11	13		LINFT	BOX SEC RECON M273-1

SEQ: MATCODE

MATERIAL GROUP: 475 CONCRETE PIPE, BOX SECTIONS AND DRAIN TILE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOX SECTION, REINFORCED CONCRETE AASHTO M273M TABLE 1	48211M	11	13		METER	BOX SEC RECON M273M1
	BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 2	48212	11	13		LINFT	BOX SEC RECON M273-2
	BOX SECTION, REINFORCED CONCRETE AASHTO M273M TABLE 2	48212M	11	13		METER	BOX SEC RECON M273M2
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 1	48215	13	11		LINFT	ELBOW BOX SEC M273-1
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273M TABLE 1	48215M	13	11		METER	ELBOW BOX SEC M273M1
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273 TABLE 2	48216	87	19		LINFT	ELBOW BOX SEC M273-2
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M273M TABLE 2	48216M	87	19		METER	ELBOW BOX SEC M273M2
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, AASHTO M273	48218	13	11		EA	TPRDEND BOXSEC M273
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, AASHTO M273M	48218M	13	11		EA	TPRDEND BOXSEC M273M
	BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 1	48231	87			LINFT	BOX SEC RECON M259-1
	BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 1	48231M	87			METER	BOX SEC RECON M259M1
	BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 2	48232	87			LINFT	BOX SEC RECON M259-2
	BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 2	48232M	87			METER	BOX SEC RECON M259M2
	BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 3	48233	87			LINFT	BOX SEC RECON M259-3
	BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 3	48233M	87			METER	BOX SEC RECON M259M3
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 1	48234	87	19		LINFT	ELBOW BOX SEC M259-1
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 1	48234M	87	19		METER	ELBOW BOX SEC M259M1
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 2	48235	87	19		LINFT	ELBOW BOX SEC M259-2
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 2	48235M	87	19		METER	ELBOW BOX SEC M259M2
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259 TABLE 3	48236	87	19		LINFT	ELBOW BOX SEC M259-3
	ELBOW, BOX SECTION, REINFORCED CONCRETE AASHTO M259M TABLE 3	48236M	87	19		METER	ELBOW BOX SEC M259M3
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, AASHTO M259	48237	87			EA	TPRDEND BOX SEC M259
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, ASTM C789	48237M	87			EA	TPRDEND BOX SEC C789
	BOX SECTION, REINFORCED CONCRETE ASTM C 1577 TABLE 1	48261	13	11		LINFT	BOX SEC RECN C1577-1

SEQ: MATCODE

MATERIAL GROUP: 475 CONCRETE PIPE, BOX SECTIONS AND DRAIN TILE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOX SECTION, REINFORCED CONCRETE ASTM C 1577 TABLE 1	48261M	13	11		METER	BOX SEC RECN C1577-1
	ELBOW, BOX SECTION, REINFORCED CONCRETE ASTM C 1577 TABLE 1	48262	13	11		LINFT	ELBOW BX SEC C1577-1
	ELBOW, BOX SECTION, REINFORCED CONCRETE ASTM C 1577 TABLE 1	48262M	13	11		METER	ELBOW BX SEC C1577-1
	TAPERED END, BOX SECTION, REINFORCED CONCRETE ASTM C 1577	48263	13	11		EA	TPRDEND BOXSEC C1577
	TAPERED END, BOX SECTION, REINFORCED CONCRETE ASTM C 1577	48263M	13	11		EA	TPRDEND BOXSEC C1577
	BOX SECTION, REINFORCED CONCRETE LRFD	48264	13	11		LINFT	BOX SEC RECON LRFD
	BOX SECTION, REINFORCED CONCRETE LRFD	48264M	13	11		METER	BOX SEC RECON LRFD
	ELBOW, BOX SECTION, REINFORCED CONCRETE LRFD	48265	13	11		LINFT	ELBOW BOX SEC LRFD
	ELBOW, BOX SECTION, REINFORCED CONCRETE LRFD	48265M	13	11		METER	ELBOW BOX SEC LRFD
	TAPERED END, BOX SECTION, REINFORCED CONCRETE LRFD	48266	13	11		EA	TPRDEND BOXSEC LRFD
	TAPERED END, BOX SECTION, REINFORCED CONCRETE LRFD	48266M	13	11		EA	TPRDEND BOXSEC LRFD
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, SPECIAL	48297	87			EA	TRPDEND BOX RECON SP
	TAPERED END, BOX SECTION, REINFORCED CONCRETE, SPECIAL	48297M	87			EA	TRPDEND BOX RECON SP
	ELBOW, BOX SECTION, REINFORCED CONCRETE, SPECIAL	48298	87			LINFT	ELBOW BOX SEC SPEC
	ELBOW, BOX SECTION, REINFORCED CONCRETE, SPECIAL	48298M	87			METER	ELBOW BOX SEC SPEC
	BOX SECTION, REINFORCED CONCRETE, SPECIAL	48299	87			LINFT	BOX SEC RECON SPEC
	BOX SECTION, REINFORCED CONCRETE, SPECIAL	48299M	87			METER	BOX SEC RECON SPEC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-II	48302	26			LINFT	ARCH A-II RECONC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-II	48302M	26			METER	ARCH A-II RECONC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-III	48303	26			LINFT	ARCH A-III RECONC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-III	48303M	26			METER	ARCH A-III RECONC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-IV	48304	26			LINFT	ARCH A-IV RECONC
	ARCH CULVERT, REINFORCED CONCRETE, CLASS A-IV	48304M	26			METER	ARCH A-IV RECONC
	BRIDGE SECTION, TRI-SIDED, REINFORCED CONCRETE	48401	84	7		LINFT	BRDG SEC 3SIDE RCONC

SEQ: MATCODE

MATERIAL GROUP: 475 CONCRETE PIPE, BOX SECTIONS AND DRAIN TILE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BRIDGE SECTION, TRI-SIDED, REINFORCED CONCRETE	48401M	84	7		METER	BRDG SEC 3SIDE RCONC

SEQ: MATCODE MATERIAL GROUP: 490 PLASTICS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, CULVERT, POLY-VINYL CHLORIDE	49100	14	91	94	LINFT	PIPE CULVERT PVC
	PIPE, CULVERT, POLY-VINYL CHLORIDE	49100M	14	91	94	METER	PIPE CULVERT PVC
D	PIPE, STORM SEWER (TRUSS) ACRYLONITRILE-BUTADIENE-STYRENE (ABS)	49101	14			LINFT	PIPE STORM SWRTU ABS
D	PIPE, STORM SEWER (TRUSS) ACRYLONITRILE-BUTADIENE-STYRENE (ABS)	49101M	14			METER	PIPE STORM SWRTU ABS
D	PIPE FITTINGS, ACRYLONITRILE-BUTADIENE-STYRENE (ABS)	49102	14			LINFT	PIPE FITTINGS ABS
D	PIPE FITTINGS, ACRYLONITRILE-BUTADIENE-STYRENE (ABS)	49102M	14			METER	PIPE FITTINGS ABS
D	PIPE, STORM SEWER (SOLIDWALL) ACRYLONITRILE-BUTADIENE-STY (ABS)	49103	14			LINFT	PIPE STORM SWRSO ABS
D	PIPE, STORM SEWER (SOLIDWALL) ACRYLONITRILE-BUTADIENE-STY (ABS)	49103M	14			METER	PIPE STORM SWRSO ABS
D	COUPLING, ABS, TRUSS	49104	14			EA	COUPLING ABS TRUSS
D	COUPLING, ABS, TRUSS	49104M	14			EA	COUPLING ABS TRUSS
D	TEE, ABS, TRUSS	49105	14	14		EA	TEE ABS TRUSS
D	TEE, ABS, TRUSS	49105M	14	14		EA	TEE ABS TRUSS
D	REDUCER, ABS, TRUSS	49106	14	14		EA	REDUCER ABS TRUSS
D	REDUCER, ABS, TRUSS	49106M	14	14		EA	REDUCER ABS TRUSS
D	PLUG, END, ABS, TRUSS	49107	14			EA	PLUG END ABS TRUSS
D	PLUG, END, ABS, TRUSS	49107M	14			EA	PLUG END ABS TRUSS
D	ELBOW, ABS, TRUSS	49108	14	55		EA	ELBOW ABS TRUSS
D	ELBOW, ABS, TRUSS	49108M	14	55		EA	ELBOW ABS TRUSS
	PIPE, DRAIN, POLY-VINYL CHLORIDE	49200	14	91	94	LINFT	PIPE DRAIN PVC
	PIPE, DRAIN, POLY-VINYL CHLORIDE	49200M	14	91	94	METER	PIPE DRAIN PVC
	PIPE, STORM SEWER, POLY-VINYL CHLORIDE	49201	14	91	94	LINFT	PIPE STORM SWR PVC
	PIPE, STORM SEWER, POLY-VINYL CHLORIDE	49201M	14	91	94	METER	PIPE STORM SWR PVC
	PIPE, WATER MAIN, POLY-VINYL CHLORIDE	49202	14	91	94	LINFT	PIPE WATERMAIN PVC
	PIPE, WATER MAIN, POLY-VINYL CHLORIDE	49202M	14	91	94	METER	PIPE WATERMAIN PVC

SEQ: MATCODE MATERIAL GROUP: 490 PLASTICS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, UNDERDRAIN, POLY-VINYL CHLORIDE	49203	14	91	94	LINFT	PIPE UNDERDRAIN PVC
	PIPE, UNDERDRAIN, POLY-VINYL CHLORIDE	49203M	14	91	94	METER	PIPE UNDERDRAIN PVC
	COUPLING, PIPE POLY-VINYL CHLORIDE	49204	14			LINFT	COUPLING PIPE PVC
	COUPLING, PIPE POLY-VINYL CHLORIDE	49204M	14			METER	COUPLING PIPE PVC
D	COUPLING, PIPE NO-BELL, POLY-VINYL CHLORIDE	49205	14			LINFT	COUPLING NOBELL PVC
D	COUPLING, PIPE NO-BELL, POLY-VINYL CHLORIDE	49205M	14			METER	COUPLING NOBELL PVC
D	CONES, TRAFFIC, POLY-VINYL CHLORIDE	49206	14			EA	CONES TRAFFIC PVC
D	WYE, POLY-VINYL CHLORIDE PIPE	49207	14X14	56		EA	WYE PVC PIPE
D	WYE, POLY-VINYL CHLORIDE PIPE	49207M	14X14	56		EA	WYE PVC PIPE
	TEE, POLY-VINYL CHLORIDE PIPE	49208	14	14		EA	TEE PVC PIPE
	TEE, POLY-VINYL CHLORIDE PIPE	49208M	14	14		EA	TEE PVC PIPE
	ELBOW, POLY-VINYL CHLORIDE PIPE	49209	14	55		EA	ELBOW PVC PIPE
	ELBOW, POLY-VINYL CHLORIDE PIPE	49209M	14	55		EA	ELBOW PVC PIPE
D	PIPE, UNDERDRAIN, SEMICIRCULAR, POLY VINYL CHLORIDE	49210				LINFT	PIPEUDR SEMI PVC
D	PIPE, UNDERDRAIN, SEMICIRCULAR, POLY VINYL CHLORIDE	49210M				METER	PIPEUDR SEMI PVC
	PIPE, SANITARY SEWER, POLV-VINYL CHLORIDE	49211	14	91	94	LINFT	PIPE SANITARY SW PVC
	PIPE, SANITARY SEWER, POLV-VINYL CHLORIDE	49211M	14	91	94	METER	PIPE SANITARY SW PVC
D	PIPE, STORM SEWER POLY VINYL CHLORIDE	49212	14			LINFT	PIPE STORM SWR PVC C
D	PIPE, UNDERDRAIN, PVC SOLID WALL RIB (PROFILE)	49213				LINFT	PIPE UND PVC SW RIB
	PIPE, STORM SEWER (TRUSS) POLY-VINYL CHLORIDE ASTM D 2680	49214	14			LINFT	PIPE STORM SWRTU PVC
	PIPE, STORM SEWER (TRUSS) POLY-VINYL CHLORIDE ASTM D 2680	49214M	14			METER	PIPE STORM SWRTU PVC
D	PIPE, DRAIN, PVC SOLID WALL RIB (PROFILE)	49215				LINFT	PIPE DRN PVC SW RIB
D	PIPE, STORM SEWER, PVC, PROFILE WALL (ASTM F794)	49216	13X11	19	93	LINFT	PIPE STMSWR PVC F794
D	PIPE, STORM SEWER, PVC, PROFILE WALL (ASTM F794)	49216M	13X11	19		METER	PIPE STMSWR PVC F794

SEQ: MATCODE MATERIAL GROUP: 490 PLASTICS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, CULVERT, PVC, PROFILE WALL (ASTM F794)	49217	14	93		LINFT	PIPE CULV PVC F794
	PIPE, CULVERT, PVC, PROFILE WALL (ASTM F794)	49217M	14	93		METER	PIPE CULV PVC F794
	PIPE, DRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49221	14	93		LINFT	PIPE DRAIN CORR PVC
	PIPE, DRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49221M	14	93		METER	PIPE DRAIN CORR PVC
	PIPE, UNDERDRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49222	14	93		LINFT	PIPE UNDRN CORR PVC
	PIPE, UNDERDRAIN, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49222M	14	93		METER	PIPE UNDRN CORR PVC
	PIPE, STORM SEWER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49223	14	93		LINFT	PIPE STMSWR CORR PVC
	PIPE, STORM SEWER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49223M	14	93		METER	PIPE STMSWR CORR PVC
D	PIPE, SANITARY SEWER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49224	14			LINFT	PIPE SANSWR CORR PVC
D	PIPE, SANITARY SEWER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49224M	14			METER	PIPE SANSWR CORR PVC
	PIPE, CULVERT, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49225	14	93		LINFT	PIPE CULV CORR PVC
	PIPE, CULVERT, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49225M	14	93		METER	PIPE CULV CORR PVC
D	PIPE, CULVERT, (PVC) PROFILE WALL, (AASHTO M304)	49230	14			LINFT	PIPE CULV PVC M304
D	PIPE, CULVERT, (PVC) PROFILE WALL, (AASHTO M304)	49230M	14			METER	PIPE CULV PVC M304
	PIPE, STORM SEWER, PVC (AWWA C900)	49241	14	91	94	LINFT	PIPE STMSWR PVC C900
	PIPE, STORM SEWER, PVC (AWWA C900)	49241M	14	91	94	METER	PIPE STMSWR PVC C900
	PIPE, SANITARY SEWER, PVC (AWWA C900)	49242	14	91	94	LINFT	PIPE SANSWR PVC C900
	PIPE, SANITARY SEWER, PVC (AWWA C900)	49242M	14	91	94	METER	PIPE SANSWR PVC C900
	PIPE, WATER MAIN, PVC (AWWA C900)	49243	14	91	94	LINFT	PIPE WTRMAINPVC C900
	PIPE, WATER MAIN, PVC (AWWA C900)	49243M	14	91	94	METER	PIPE WTRMAINPVC C900
	PIPE, HIGH PRESSURE POLYETHYLENE, (AWWA C906)	49244	14	92		LINFT	PIPE HPPE C906
	PIPE, HIGH PRESSURE POLYETHYLENE, (AWWA C906)	49244M	14	92		METER	PIPE HPPE C906
	TUBING, DRAINAGE, PERFORATED, CORRUGATED POLYETHYLENE	49300	14			LINFT	TUBING DRN PRF CR PE
	TUBING, DRAINAGE, PERFORATED, CORRUGATED POLYETHYLENE	49300M	14			METER	TUBING DRN PRF CR PE

SEQ: MATCODE MATERIAL GROUP: 490 PLASTICS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	TUBING, DRAINAGE, CORRUGATED POLYETHYLENE	49301	14			LINFT	TUBING DRAIN CORR PE
	TUBING, DRAINAGE, CORRUGATED POLYETHYLENE	49301M	14			METER	TUBING DRAIN CORR PE
	FITTING, TUBING DRAINAGE, POLYETHYLENE CORRUGATED	49302	14			EA	FITTING TBDRAIN PE
	FITTING, TUBING DRAINAGE, POLYETHYLENE CORRUGATED	49302M	14			EA	FITTING TBDRAIN PE
D	CENTER STRIP, POLYETHYLENE	49303				LINFT	CENTER STRIP PE
D	CENTER STRIP, POLYETHYLENE	49303M				METER	CENTER STRIP PE
	PIPE, STORM SEWER, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49304	14			LINFT	PIPE ST SWR CORPE SM
	PIPE, STORM SEWER, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49304M	14			METER	PIPE ST SWR CORPE SM
	PIPE, CULVERT, CORRUGATED POLYETHYLENE	49305	14			LINFT	PIPE CULVERT CORR PE
	PIPE, CULVERT, CORRUGATED POLYETHYLENE	49305M	14			METER	PIPE CULVERT CORR PE
	PIPE, CULVERT, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49306	14			LINFT	PIPE CULV CORP SMINT
	PIPE, CULVERT, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49306M	14			METER	PIPE CULV CORP SMINT
	PIPE, DRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49307	14			LINFT	PIPE DRN CORPE SMINT
	PIPE, DRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49307M	14			METER	PIPE DRN CORPE SMINT
	PIPE, UNDERDRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49308	14			LINFT	PIPE UDRN CORPE SMIT
D	PIPE, UNDERDRAIN, CORRUGATED POLYETHYLENE, SMOOTH INTERIOR	49308M	14			METER	PIPE UDRN CORPE SMIT
	PIPE, CULVERT, POLYETHYLENE, SMOOTH INTERIOR (ASTM F714)	49309	14	91	94	LINFT	PIPE CULV PE F714
	PIPE, CULVERT, POLYETHYLENE, SMOOTH INTERIOR (ASTM F714)	49309M	14	91	94	METER	PIPE CULV PE F714
D	PIPE, CULVERT, POLYETHYLENE, PROFILE WALL (ASTM F894)	49310	14			LINFT	PIPE CULV PE F894
D	PIPE, CULVERT, POLYETHYLENE, PROFILE WALL (ASTM F894)	49310M	14			METER	PIPE CULV PE F894
	PIPE, DRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SMOOTH INT	49311	14			LINFT	PIPE DRN PRF CRPESI
	PIPE, DRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SMOOTH INT	49311M	14			METER	PIPE DRN PRF CRPESI
	PIPE, UNDERDRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SM INT	49312	14			LINFT	PIPE UDRN PRF CRPESI
	PIPE, UNDERDRAIN, PERFORATED, CORRUGATED POLYETHYLENE, SM INT	49312M	14			METER	PIPE UDRN PRF CRPESI

SEQ: MATCODE MATERIAL GROUP: 490 PLASTICS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	COUPLING, SEMI-CIRCULAR	49401				EA	COUPLING SEMI-CIRCU
D	COUPLING, SEMI-CIRCULAR	49401M				EA	COUPLING SEMI-CIRCU
D	STEP, MANHOLE, (RED) LG	49501				EA	STEP MANHOLE RED LG
D	STEP, MANHOLE, (RED) LG	49501M				EA	STEP MANHOLE RED LG
D	STEP, MANHOLE, (BLACK) PS-1-ILL	49502				EA	STEP MH BLK PS-1-ILL
D	STEP, MANHOLE, (BLACK) PS-1-ILL	49502M				EA	STEP MH BLK PS-1-ILL
D	STEP, MANHOLE, V	49503				EA	STEP MANHOLE V
D	STEP, MANHOLE (BLACK) PS-1-PF	49504				EA	STEP MH BLK PS-1-PF
D	STEP, MANHOLE (BLACK) PS-1-PF	49504M				EA	STEP MH BLK PS-1-PF
D	STEP, MANHOLE, WEDG. LOK. WLII	49505				EA	STEP MH WEDLOK WL II
D	STEP, MANHOLE, WEDG. LOK. WLII	49505M				EA	STEP MH WEDLOK WL II
D	STEP, MANHOLE (BLACK) PS-1-DI	49506				EA	STEP MH BLK PS-1-DI
D	STEP, MANHOLE (BLACK) PS-1-DI	49506M				EA	STEP MH BLK PS-1-DI
D	STEP, MANHOLE (BLACK) PS-1-DIS	49507				EA	STEP MH BLK PS-I-DIS
D	STEP, MANHOLE (BLACK) PS-1-DIS	49507M				EA	STEP MH BLK PS-I-DIS
D	STEP, MANHOLE (ORANGE) 93810	49508				EA	STEP MH OR 93810
D	STEP, MANHOLE (ORANGE) 93810	49508M				EA	STEP MH OR 93810
D	STEP, MANHOLE (ORANGE) 81210	49509				EA	STEP MH OR 81210
D	STEP, MANHOLE (ORANGE) 81210	49509M				EA	STEP MH OR 81210
D	STEP, MANHOLE (ORANGE), 360	49510				EA	STEP MH OR 360
D	STEP, MANHOLE (ORANGE), 360	49510M				EA	STEP MH OR 360
D	STEP, MANHOLE (BLACK) P-10938	49511				EA	STEP MH BLK P-10938
D	STEP, MANHOLE (BLACK) P-10938	49511M				EA	STEP MH BLK P-10938
D	STEP, MANHOLE (BLACK) P-10CTS	49512				EA	STEP MH BLK P-10CTS

SEQ: MATCODE MATERIAL GROUP: 490 PLASTICS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STEP, MANHOLE (BLACK) P-10CTS	49512M				EA	STEP MH BLK P-10CTS
	STEP, MANHOLE	49513				EA	STEP MANHOLE
	STEP, MANHOLE	49513M				EA	STEP MANHOLE
D	STEP, MANHOLE (BLACK) PI-10	49514				EA	STEP MH BLK PI10
D	STEP, MANHOLE (BLACK) PI-10	49514M				EA	STEP MH BLK PI10
D	STEP, MANHOLE (BLACK) SPI-10	49515				EA	STEP MH BLK SPI10
D	STEP, MANHOLE (BLACK) SPI-10	49515M				EA	STEP MH BLK SPI10
	PIPE, WATER, PLASTIC	49601	14	91	94	LINFT	PIPE WATER PLASTIC
	PIPE, WATER, PLASTIC	49601M	14	91	94	METER	PIPE WATER PLASTIC
	PIPE, THERMOSETTING RESIN, FILAMENT WOUND-D2996	49610	14			LINFT	PIPE THRRES FIL 2996
	PIPE, THERMOSETTING RESIN, FILAMENT WOUND-D2996	49610M	14			METER	PIPE THRRES FIL 2996
	PIPE, REINFORCED PLASTIC MORTAR (RPM)	49611	14			LINFT	PIPE REIN PLST MORT
	PIPE, REINFORCED PLASTIC MORTAR (RPM)	49611M	14			METER	PIPE REIN PLST MORT
	PIPE, LINER POLYETHYLENE (ASTM-F-714)	49612	14	91	94	LINFT	PIPE LINER PE
	PIPE, LINER POLYETHYLENE (ASTM-F-714)	49612M	14	91	94	METER	PIPE LINER PE
D	PIPE, THERMOSETTING RESIN, CENTRIFUGALLY CAST-D2997	49613	14			LINFT	PIPE THRRES CENT2997
D	PIPE, THERMOSETTING RESIN, CENTRIFUGALLY CAST-D2997	49613M	14			METER	PIPE THRRES CENT2997
D	PIPE, PRESSURE POLYETHYLENE (ASTM D2513)	49614	14			LINFT	PIPE PRESR PE D2513
D	PIPE, PRESSURE POLYETHYLENE (ASTM D2513)	49614M	14			METER	PIPE PRESR PE D2513
	PIPE, LINER PROFILE POLYETHYLENE (ASTM F894)	49615	14			LINFT	PIPE LNR PRFPE F894
	PIPE, LINER PROFILE POLYETHYLENE (ASTM F894)	49615M	14			METER	PIPE LNR PRFPE F894
	PIPE, LINER, CURED IN PLACE (ASTM F1216)	49616	14			LINFT	PIPE LNR CIPP F1216
	PIPE, LINER, CURED IN PLACE (ASTM F1216)	49616M	14			METER	PIPE LNR CIPP F1216
D	PIPE, LINER PROFILE POLYETHYLENE (ASTM F667)	49617	14			LINFT	PIPE LNR PRFPE F667

SEQ: MATCODE MATERIAL GROUP: 490 PLASTICS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIPE, LINER PROFILE POLYETHYLENE (ASTM F667)	49617M	14			METER	PIPE LNR PRFPE F667
	DRAIN, SLOTTED, POLYMER PRECAST	49618	19	13		LINFT	DRAIN SLTD POLYMER
	DRAIN, SLOTTED, POLYMER PRECAST	49618M	19	13		METER	DRAIN SLTD POLYMER
	PIPE LINER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49619	14	93		LINFT	PIPE LNR CRPVC F949
	PIPE LINER, CORRUGATED PVC WITH SMOOTH INT (ASTM F949)	49619M	14	93		METER	PIPE LNR CRPVC F949
	DRAIN, VERTICAL WICK	49650				LINFT	DRAIN VERTICAL WICK
	DRAIN, VERTICAL WICK	49650M				METER	DRAIN VERTICAL WICK
D	UNDERDRAIN DRAINAGE MAT	49651	13			LINFT	UNDERDRAIN DRAIN MAT
D	UNDERDRAIN DRAINAGE MAT	49651M	13			METER	UNDERDRAIN DRAIN MAT
D	J-DRAIN	49652				SQYD	J-DRAIN
	GEOCOMPOSITE WALL DRAIN	49653	13			SQYD	GEOCOMP WALL DRAIN
	GEOCOMPOSITE WALL DRAIN	49653M	13			SQ M	GEOCOMP WALL DRAIN
	DRAIN, HORIZONTAL STRIP	49654				LINFT	DRAIN HORIZON STRIP
	DRAIN, HORIZONTAL STRIP	49654M				METER	DRAIN HORIZON STRIP
D	POST, TRAFFIC CHANNELIZING, PLASTIC	49701				EA	POST TRAFFIC CHANNEL
D	POST, TRAFFIC CHANNELIZING, PLASTIC	49701M				EA	POST TRAFFIC CHANNEL
	FABRIC, WOVEN, POLYPROPYLENE	49800	69	70		SQYD	FABRIC WOV PPLENE
	FABRIC, WOVEN, POLYPROPYLENE	49800M	69	70		SQ M	FABRIC WOV PPLENE
	FABRIC, NONWOVEN, POLYPROPYLENE	49801	69	70		SQYD	FABRIC NONWOV PPLENE
	FABRIC, NONWOVEN, POLYPROPYLENE	49801M	69	70		SQ M	FABRIC NONWOV PPLENE
D	TEFLON SHEET	49802	16			EA	TEFLON SHEET
	TEFLON SHEET	49803	16	7	19	SQFT	TEFLON SHEET
	TEFLON SHEET	49803M	16	7	19	SQ M	TEFLON SHEET
D	THREAD, NYLON	49804				LINFT	THREAD, NYLON

SEQ: MATCODE

MATERIAL GROUP: 490 PLASTICS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	THREAD, NYLON	49804M				METER	THREAD, NYLON
D	PIPE, POLYPROPYLENE (ASTM F2736)	49805	14			LINFT	PIPE POLYPROP F2736
D	PIPE, POLYPROPYLENE (ASTM F2736)	49805M	14			METER	PIPE POLYPROP F2736
	PIPE, SANITARY SEWER, CORRUGATED POLYPROPYLENE, SMOOTH INT	49806	14			LINFT	PIPE SAN CORR PP SM
	PIPE, SANITARY SEWER, CORRUGATED POLYPROPYLENE, SMOOTH INT	49806M	14			METER	PIPE SAN CORR PP SM
	PIPE, STORM SEWER, CORRUGATED POLYPROPYLENE	49807	14			LINFT	PIPE ST SWR COR PP
	PIPE, STORM SEWER, CORRUGATED POLYPROPYLENE, SMOOTH INTERIOR	49808	14			LINFT	PIPE ST SWR CR PP SM
	FABRIC, NON-WOVEN POLYESTER	49811	69	70		SQYD	FABRIC NONWOV PESTER
	FABRIC, NON-WOVEN POLYESTER	49811M	69	70		SQ M	FABRIC NONWOV PESTER
	FABRIC, WOVEN POLYESTER	49812	69	70		SQYD	FABRIC WOV PESTER
	FABRIC, WOVEN POLYESTER	49812M	69	70		SQ M	FABRIC WOV PESTER
	FABRIC, KNITTED POLYESTER	49813	69	70		SQYD	FABRIC KNIT PESTER
	FABRIC, KNITTED POLYESTER	49813M	69	70		SQ M	FABRIC KNIT PESTER
	FABRIC, NON-WOVEN, HIGH DENSITY POLYETHYLENE	49814	69	70		SQYD	FABRIC NONWOV HDPE
	FABRIC, NON-WOVEN, HIGH DENSITY POLYETHYLENE	49814M	69	70		SQ M	FABRIC NONWOV HDPE
	FABRIC, ENVELOPE	49820	69	70		LINFT	FABRIC ENVELOPE
	FABRIC, ENVELOPE	49820M	69	70		METER	FABRIC ENVELOPE
	FABRIC, SILT FENCE	49821				LINFT	FABRIC SILT FENCE
	FABRIC, SILT FENCE	49821M				METER	FABRIC SILT FENCE
D	FABRIC, WEED BARRIER	49822	70			SQYD	FABRIC WEED BARRIER
D	FABRIC, WEED BARRIER	49822M	70			SQ M	FABRIC WEED BARRIER
	GEOTECHNICAL REINFORCEMENT, GEOGRID	49831	61	78		SQYD	GEO REINF GRID
	GEOTECHNICAL REINFORCEMENT, GEOGRID	49831M	61	78		SQ M	GEO REINF GRID
	CELLULAR CONFINEMENT SYSTEM, PERFORATED, POLYETHYLENE	49832	15	13		SQYD	CELL CONF PERF POLY

SEQ: MATCODE

MATERIAL GROUP: 490 PLASTICS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	CELLULAR CONFINEMENT SYSTEM, PERFORATED, POLYETHYLENE	49832M	15	13		SQ M	CELL CONF PERF POLY
	DRAINS, DECK, THERMOSETTING RESIN	49900				EA	DRAINS DECK THRM RES
	DRAINS, DECK, THERMOSETTING RESIN	49900M				EA	DRAINS DECK THRM RES

SEQ: MATCODE

MATERIAL GROUP: 500 CLAY PIPE AND DRAIN TILE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	TILE, DRAIN, HEAVY DUTY CLAY	50101	14			LINFT	TILE DRAIN HD CLY
D	TILE, DRAIN, HEAVY DUTY CLAY	50101M	14			METER	TILE DRAIN HD CLY
D	TILE, DRAIN, STANDARD STRENGTH CLAY	50102	14			LINFT	TILE DRAIN STDSG CLY
D	TILE, DRAIN, STANDARD STRENGTH CLAY	50102M	14			METER	TILE DRAIN STDSG CLY
D	TILE, DRAIN, EXTRA QUALITY CLAY	50103	14			LINFT	TILE DRAIN EXQ CLY
D	TILE, DRAIN, EXTRA QUALITY CLAY	50103M	14			METER	TILE DRAIN EXQ CLY
D	PIPE, SEWER STANDARD STRENGTH CLAY	50201	14			LINFT	PIPE SWR STDSG CLY
D	PIPE, SEWER STANDARD STRENGTH CLAY	50201M	14			METER	PIPE SWR STDSG CLY
	PIPE, SEWER EXTRA STRENGTH CLAY	50202	14			LINFT	PIPE SWR EXSTD CLY
D	PIPE, SEWER EXTRA STRENGTH CLAY	50202M	14			METER	PIPE SWR EXSTD CLY
D	PIPE, SEWER EXTRA STRENGTH PERFORATED CLAY	50203	14			LINFT	PIPE SWR EXSTDPF CLY
D	PIPE, SEWER EXTRA STRENGTH PERFORATED CLAY	50203M	14			METER	PIPE SWR EXSTDPF CLY
D	PIPE, SEWER STANDARD STRENGTH PERFORATED CLAY	50204	14			LINFT	PIPE SWR STDSG CLY
D	PIPE, SEWER STANDARD STRENGTH PERFORATED CLAY	50204M	14			METER	PIPE SWR STDSG CLY
D	TRAP, HALF, CLAY PIPE	50301	14			EA	TRAP HALF CLAY PIPE
D	TRAP, HALF, CLAY PIPE	50301M	14			EA	TRAP HALF CLAY PIPE
D	COUPLING, CLAY PIPE	50302	14			EA	COUPLING CLAY PIPE
D	COUPLING, CLAY PIPE	50302M	14			EA	COUPLING CLAY PIPE
D	ELBOW, CLAY PIPE	50303	14			EA	ELBOW CLAY PIPE
D	ELBOW, CLAY PIPE	50303M	14			EA	ELBOW CLAY PIPE
D	TEE, CLAY PIPE	50304	14	14		EA	TEE CLAY PIPE
D	TEE, CLAY PIPE	50304M	14	14		EA	TEE CLAY PIPE
D	WYE, CLAY PIPE	50305	14X14	56		EA	WYE CLAY PIPE
D	WYE, CLAY PIPE	50305M	14X14	56		EA	WYE CLAY PIPE

SEQ: MATCODE

MATERIAL GROUP: 500 CLAY PIPE AND DRAIN TILE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
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SEQ: MATCODE

MATERIAL GROUP: 510 CAST IRON PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PIPE, DUCTILE IRON, UNLINED, BELL & SPIGOT	51101	14	19	31	LINFT	PIPE DU IR UNL BESP
	PIPE, DUCTILE IRON, UNLINED, BELL & SPIGOT	51101M	14	19	31	METER	PIPE DU IR UNL BESP
	PIPE, DUCTILE IRON, UNLINED, MECH. JOINT	51102	14	19	31	LINFT	PIPE DU IR UNL MCHJ
	PIPE, DUCTILE IRON, UNLINED, MECH. JOINT	51102M	14	19	31	METER	PIPE DU IR UNL MCHJ
	PIPE, DUCTILE IRON, BIT. LINED, BELL & SPIGOT	51103	14	19	31	LINFT	PIPE DU IR BITL BESP
	PIPE, DUCTILE IRON, BIT. LINED, BELL & SPIGOT	51103M	14	19	31	METER	PIPE DU IR BITL BESP
	PIPE, DUCTILE IRON, BIT. LINED, MECH. JOINT	51104	14	19	31	LINFT	PIPE DU IR BITL MCHJ
	PIPE, DUCTILE IRON, BIT. LINED, MECH. JOINT	51104M	14	19	31	METER	PIPE DU IR BITL MCHJ
	PIPE, DUCTILE IRON, CEMENT LINED, BELL & SPIGOT	51105	14	19	31	LINFT	PIPE DU IR CL BESP
	PIPE, DUCTILE IRON, CEMENT LINED, BELL & SPIGOT	51105M	14	19	31	METER	PIPE DU IR CL BESP
	PIPE, DUCTILE IRON, CEMENT LINED, MECH. JOINT	51106	14	19	31	LINFT	PIPE DU IR CL MCHJ
	PIPE, DUCTILE IRON, CEMENT LINED, MECH. JOINT	51106M	14	19	31	METER	PIPE DU IR CL MCHJ
D	PIPE, DUCTILE IRON, POLYETHYLENE LINED, BELL & SPIGOT	51107	14	19	31	LINFT	PIPE DU IR PLET BESP
D	PIPE, DUCTILE IRON, POLYETHYLENE LINED, BELL & SPIGOT	51107M	14	19	31	METER	PIPE DU IR PLET BESP
D	PIPE, DUCTILE IRON, CERAMIC EPOXY LINED, BELL & SPIGOT	51108	14	19	31	LINFT	PIPE DU IR EPXL BESP
D	PIPE, DUCTILE IRON, CERAMIC EPOXY LINED, BELL & SPIGOT	51108M	14	19	31	METER	PIPE DU IR EPXL BESP
D	PIPE, GRAY IRON, UNLINED, BELL & SPIGOT	51201	14	19	31	LINFT	PIPE GY IR UNL BESP
D	PIPE, GRAY IRON, UNLINED, BELL & SPIGOT	51201M	14	19	31	METER	PIPE GY IR UNL BESP
D	PIPE, GRAY IRON, UNLINED, MECH. JOINT	51202	14	19	31	LINFT	PIPE GY IR UNL MCHJ
D	PIPE, GRAY IRON, UNLINED, MECH. JOINT	51202M	14	19	31	METER	PIPE GY IR UNL MCHJ
D	PIPE, GRAY IRON, BIT. LINED, MECH. JOINT	51203	14	19	31	LINFT	PIPE GY IR BITL MCHJ
D	PIPE, GRAY IRON, BIT. LINED, MECH. JOINT	51203M	14	19	31	METER	PIPE GY IR BITL MCHJ
D	PIPE, GRAY IRON, BIT. LINED, BELL & SPIGOT	51204	14	19	31	LINFT	PIPE GY IR BITL BESP
D	PIPE, GRAY IRON, BIT. LINED, BELL & SPIGOT	51204M	14	19	31	METER	PIPE GY IR BITL BESP

SEQ: MATCODE

MATERIAL GROUP: 510 CAST IRON PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIPE, GRAY IRON, CEMENT LINED, BELL & SPIGOT	51205	14	19	31	LINFT	PIPE GY IR CL BESP
D	PIPE, GRAY IRON, CEMENT LINED, BELL & SPIGOT	51205M	14	19	31	METER	PIPE GY IR CL BESP
D	PIPE, GRAY IRON, CEMENT LINED, MECH. JOINT	51206	14	19	31	LINFT	PIPE GY IR CEML MCHJ
D	PIPE, GRAY IRON, CEMENT LINED, MECH. JOINT	51206M	14	19	31	METER	PIPE GY IR CEML MCHJ
	FITTING, T , CAST IRON	51301	14	14		EA	FITTING T CAST IRON
	FITTING, T , CAST IRON	51301M	14	14		EA	FITTING T CAST IRON
D	FITTING, ELBOW 22 1/2 DEGREE	51302	14			EA	FITTING ELBOW 22 1/2
D	FITTING, ELBOW 45 DEGREE	51303	14			EA	FITTING ELBOW 45
D	FITTING, ELBOW 90 DEGREE	51304	14			EA	FITTING ELBOW 90
	FITTING, REDUCER, CAST IRON	51305	14	14		EA	FITTING REDUCER
	FITTING, REDUCER, CAST IRON	51305M	14	14		EA	FITTING REDUCER
	CAPS, JOINT MECHANICAL	51306	14			EA	CAPS JOINT MECH
	CAPS, JOINT MECHANICAL	51306M	14			EA	CAPS JOINT MECH
	PLUG, JOINT MECHANICAL	51307	14			EA	PLUG JOINT MECH
	PLUG, JOINT MECHANICAL	51307M	14			EA	PLUG JOINT MECH
	GLAND, JOINT MECHANICAL	51308	14			EA	GLAND JOINT MECH
	GLAND, JOINT MECHANICAL	51308M	14			EA	GLAND JOINT MECH
	WYE BRANCH, JOINT MECHANICAL	51309	14	82	56	EA	WYE BRANCH JNT MECH
	WYE BRANCH, JOINT MECHANICAL	51309M	14	82	56	EA	WYE BRANCH JNT MECH
	CROSS, JOINT MECHANICAL	51310	14	14		EA	CROSS JOINT MECH
	CROSS, JOINT MECHANICAL	51310M	14	14		EA	CROSS JOINT MECH
	SLEEVE, JOINT MECHANICAL	51311	14	12		EA	SLEEVE JOINT MECH
	SLEEVE, JOINT MECHANICAL	51311M	14	12		EA	SLEEVE JOINT MECH
	OFFSET, JOINT MECHANICAL	51312	14	12		EA	OFFSET JOINT MECH

SEQ: MATCODE

MATERIAL GROUP: 510 CAST IRON PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	OFFSET, JOINT MECHANICAL	51312M	14	12		EA	OFFSET JOINT MECH
	COUPLING, CAST IRON PIPE	51313	14			EA	COUPLING CAST IRPIPE
	COUPLING, CAST IRON PIPE	51313M	14			EA	COUPLING CAST IRPIPE
	FITTING, ELBOW	51314	14	55		EA	FITTING ELBOW
	FITTING, ELBOW	51314M	14	55		EA	FITTING ELBOW
	TAP VALVE AND SLEEVE	51401	14			EA	TAP VALVE AND SLEEVE
	TAP VALVE AND SLEEVE	51401M	14			EA	TAP VALVE AND SLEEVE
	WATER VALVE	51501	14			EA	WATER VALVE
	WATER VALVE	51501M	14			EA	WATER VALVE
	VALVE BOX	51601	14			EA	VALVE BOX
	VALVE BOX	51601M	14			EA	VALVE BOX

SEQ: MATCODE

MATERIAL GROUP: 520 CORRUGATED ALUMINUM PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SHEET, ALUMINUM (FL, C OR CORR. CUT LENGTHS)	52101		16		N/A	SHEETS AL
	SHEET, ALUMINUM (FL, C OR CORR. CUT LENGTHS)	52101M		16		NA	SHEETS AL
	PIPE, CIRC, CIRCUM CORR. AL. ALLOY	52201	14	16		LINFT	PIPE CIRC CC ALA
	PIPE, CIRC, CIRCUM CORR. AL. ALLOY	52201M	14	16		METER	PIPE CIRC CC ALA
D	PIPE, CIRC, CIRCUM CORR, BIT. COATED AL. ALLOY	52202	14	16		LINFT	PIPE CIRC BITCTCC AL
D	PIPE, CIRC, CIRCUM CORR, BIT. COATED AL. ALLOY	52202M	14	16		METER	PIPE CIRC BITCTCC AL
	PIPE, CIRC, HELI CORR, AL. ALLOY	52203	14	16		LINFT	PIPE CIRC HC ALA
	PIPE, CIRC, HELI CORR, AL. ALLOY	52203M	14	16		METER	PIPE CIRC HC ALA
D	PIPE, CIRC, HELI CORR, BIT. COATED AL. ALLOY	52204	14	16		LINFT	PIPE CIRC BITCTHC AL
D	PIPE, CIRC, HELI CORR, BIT. COATED AL. ALLOY	52204M	14	16		METER	PIPE CIRC BITCTHC AL
D	PIPE ARCH, CIRCUM CORR, AL. ALLOY	52301	26	16		LINFT	PIPE ARCH CC ALA
D	PIPE ARCH, CIRCUM CORR, AL. ALLOY	52301M	26	16		METER	PIPE ARCH CC ALA
D	PIPE ARCH, CIRCUM CORR, BIT. COATED AL. ALLOY	52302	26	16		LINFT	PIPE ARCH BITCTCC AL
D	PIPE ARCH, CIRCUM CORR, BIT. COATED AL. ALLOY	52302M	26	16		METER	PIPE ARCH BITCTCC AL
D	PIPE ARCH, HELI CORR, AL. ALLOY	52303	26	16		LINFT	PIPE ARCH HC ALA
D	PIPE ARCH, HELI CORR, AL. ALLOY	52303M	26	16		METER	PIPE ARCH HC ALA
D	PIPE ARCH, HELI CORR, BIT. COATED AL. ALLOY	52304	26	16		LINFT	PIPE ARCH BITCTHC AL
D	PIPE ARCH, HELI CORR, BIT. COATED AL. ALLOY	52304M	26	16		METER	PIPE ARCH BITCTHC AL
D	PIPE, UNDERDRAIN, HELI CORR, PERF, AL. ALLOY	52401	14	16		LINFT	PIPEUDR PFHC ALA
D	PIPE, UNDERDRAIN, HELI CORR, PERF, AL. ALLOY	52401M	14	16		METER	PIPEUDR PFHC ALA
D	PIPE, UNDERDRAIN, HELI CORR, PERF, BIT. COATED AL. ALLOY	52402	14	16		LINFT	PIPEUDR PFBITCT HCAL
D	PIPE, UNDERDRAIN, HELI CORR, PERF, BIT. COATED AL. ALLOY	52402M	14	16		METER	PIPEUDR PFBITCT HCAL
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, AL. ALLOY	52403	14	16		LINFT	PIPEUDR PFCC ALA
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, AL. ALLOY	52403M	14	16		METER	PIPEUDR PFCC ALA

SEQ: MATCODE

MATERIAL GROUP: 520 CORRUGATED ALUMINUM PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, BIT. COATED AL. ALLOY	52404	14	16		LINFT	PIPEUDR CCPFBITCT AL
D	PIPE, UNDERDRAIN, CIRCUM CORR, PERF, BIT. COATED AL. ALLOY	52404M	14	16		METER	PIPEUDR CCPFBITCT AL
D	PIPE, UNDERDRAIN, SEMICIRCULAR, AL. ALLOY	52405		16		LINFT	PIPEUDR SEMI ALA
D	PIPE, UNDERDRAIN, SEMICIRCULAR, AL. ALLOY	52405M		16		METER	PIPEUDR SEMI ALA
D	PIPE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED AL. ALLOY	52406		16		LINFT	PIPEUDR SEMIBITCT AL
D	PIPE, UNDERDRAIN, SEMICIRCULAR, BIT. COATED AL. ALLOY	52406M		16		METER	PIPEUDR SEMIBITCT AL
	END SECTIONS, CIRCULAR, ALUM	52501	14			EA	END SEC CIRC ALUM
	END SECTIONS, CIRCULAR, ALUM	52501M	14			EA	END SEC CIRC ALUM
D	END SECTIONS, PIPE ARCH, ALUMINUM	52502	14			EA	END SEC PARCH ALUM
D	END SECTIONS, PIPE ARCH, ALUMINUM	52502M	14			EA	END SEC PARCH ALUM
D	PIPE ARCH, PLATE, CORR, ALUM	52601	26			LINFT	PIPE ARCHPT CORR AL
D	PIPE ARCH, PLATE, CORR, ALUM	52601M	26			METER	PIPE ARCHPT CORR AL
	BAND, CORR. ALUMINUM, CONNECTORS	52701	14	16		EA	BAND CORR ALUM
	BAND, CORR. ALUMINUM, CONNECTORS	52701M	14	16		EA	BAND CORR ALUM
	BOX CULVERT, ALUMINUM	52801	26	19		LINFT	BOX CULVERT ALUM
	BOX CULVERT, ALUMINUM	52801M	26	19		METER	BOX CULVERT ALUM

SEQ: MATCODE

MATERIAL GROUP: 530 BITUMINOUS FIBRE & CEMENT ASBESTOS PIPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PIPE, BITUMINOUS FIBRE	53101	14			LINFT	PIPE BIT FIBRE
D	PIPE, BITUMINOUS FIBRE, PERFORATED	53102	14			LINFT	PIPE BIT FIBRE PF
D	ELBOW, BITUMINOUS, FIBRE PIPE	53103	14	55		EA	ELBOW BITFB P
D	COUPLING, BITUMINOUS FIBRE	53104	14			EA	COUPLING BITFB
D	TEE, BITUMINOUS FIBRE PIPE	53105	14	14		EA	TEE BITF PIPE
D	PIPE, CLASS II, ASBESTOS-CEMENT	53201	14			LINFT	PIPE CLII ACEM
D	PIPE, CLASS III, ASBESTOS-CEMENT	53202	14			LINFT	PIPE CLIII ACEM
D	PIPE, CLASS 2500, ASBESTOS-CEMENT	53203	14			LINFT	PIPE CL2500 ACEM
D	PIPE, CLASS IV, ASBESTOS-CEMENT	53204	14			LINFT	PIPE CLIV ACEM
D	PIPE, CLASS V, ASBESTOS-CEMENT	53205	14			LINFT	PIPE CLV ACEM
D	PIPE, ASBESTOS-CEMENT, PERFORATED	53206	14			LINFT	PIPE ACEM PF
D	PIPE, ASBESTOS-CEMENT, WATERMAIN	53207	14			LINFT	PIPE ACEM WM
D	ELBOW, ASBESTOS-CEMENT, PIPE	53208	14	55		EA	ELBOW ACEMP
D	TEE, ASBESTOS-CEMENT PIPE	53209	14	14		EA	TEE ACEM PIPE

SEQ: MATCODE

MATERIAL GROUP: 540 BRIDGE RAILING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	RAILING, ALUMINUM ELLIPTICAL PIPE (SINGLE RAIL OR TYPE L)	54101				LINFT	RAILING ALEP TYL
	RAILING, ALUMINUM ELLIPTICAL PIPE (SINGLE RAIL OR TYPE L)	54101M				METER	RAILING ALEP TYL
	RAILING, ALUMINUM CIRCULAR TOP RAIL, TYPE L	54102				LINFT	RAILING ALCIRC TYL
	RAILING, ALUMINUM CIRCULAR TOP RAIL, TYPE L	54102M				METER	RAILING ALCIRC TYL
D	RAILING, GALV. STEEL CIRCULAR PIPE, TYPE M	54103				LINFT	RAIL STL CIRC P TYM
D	RAILING, GALV. STEEL CIRCULAR PIPE, TYPE M	54103M				METER	RAIL STL CIRC P TYM
D	RAILING, GALV. STEEL ELLIPTICAL PIPE, TYPE M	54104				LINFT	RAILING STL EP TYM
D	RAILING, GALV. STEEL ELLIPTICAL PIPE, TYPE M	54104M				METER	RAILING STL EP TYM
	RAILING, GALV. STRUCTURAL STEEL TUBING	54105	13	11	16	LINFT	RAILING STL TUBE GV
	RAILING, GALV. STRUCTURAL STEEL TUBING	54105M	13	11	16	METER	RAILING STL TUBE GV
	RAILING, STEEL PIPE, PAINTED	54106	34	28		LINFT	RAILING STPIPE PAINT
	RAILING, STEEL PIPE, PAINTED	54106M	34	28		METER	RAILING STPIPE PAINT
	RAILING, PAINTED, STRUCTURAL STEEL TUBING	54107	13	11	16	LINFT	RAILING STL TUBE PT
	RAILING, PAINTED, STRUCTURAL STEEL TUBING	54107M	13	11	16	METER	RAILING STL TUBE PT
D	RAILING, GALV. STEEL I-BEAM	54108	40,15	24	12	LINFT	RAILING GV STL IB
D	RAILING, GALV. STEEL I-BEAM	54108M	40,15	24	12	METER	RAILING GV STL IB
D	RAILING, STEEL PIPE, GALV.	54109	34	28		LINFT	RAILING ST PIPE GALV
D	RAILING, STEEL PIPE, GALV.	54109M	34	28		METER	RAILING ST PIPE GALV
	RAILING, SIDEWALK, ALUMINUM	54110				LINFT	RAILING SIDEWALK AL
	RAILING, SIDEWALK, ALUMINUM	54110M				METER	RAILING SIDEWALK AL
	RAILING, STRUCTURAL STEEL TUBING	54111	13	11	16	LINFT	RAILING STL TUBE
	RAILING, STRUCTURAL STEEL TUBING	54111M	13	11	16	METER	RAILING STL TUBE
	RAILING, ALUMINUM, EXTRUDED ALLOY	54112	13	11	16	LINFT	RAILING EX ALUM ALY
	RAILING, ALUMINUM, EXTRUDED ALLOY	54112M	13	11	16	METER	RAILING EX ALUM ALY

SEQ: MATCODE

MATERIAL GROUP: 540 BRIDGE RAILING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	RAILING, GALV STEEL, TYPE WT, (BRIDGE MANUAL R-30)	54113		13X11X16		LINFT	RAILING GVSTL WT
D	RAILING, GALV STEEL, TYPE WT, (BRIDGE MANUAL R-30)	54113M		13X11X16		METER	RAILING GVSTL WT
	RAILING, ALUMINUM, ANODIZED	54114	40			LINFT	RAILING AL ANODIZED
	RAILING, ALUMINUM, ANODIZED	54114M	40			METER	RAILING AL ANODIZED
	RAILING, STAINLESS STEEL TUBING	54115	13	11	16	LINFT	RAILING SSTL TUBING
	RAILING, STAINLESS STEEL TUBING	54115M	13	11	16	METER	RAILING SSTL TUBING
D	POST, RAILING, CAST ALUMINUM, SINGLE RAIL	54201				EA	POST RAIL AL
D	POST, RAILING, CAST ALUMINUM, SINGLE RAIL	54201M				EA	POST RAIL AL
D	POST, RAILING, CAST ALUMINUM, TYPE L	54202				EA	POST RAIL AL TYL
D	POST, RAILING, CAST ALUMINUM, TYPE L	54202M				EA	POST RAIL AL TYL
D	POST, RAILING, MALLEABLE CAST IRON, TYPE M	54203				EA	POST RAIL IR TYM
D	POST, RAILING, MALLEABLE CAST IRON, TYPE M	54203M				EA	POST RAIL IR TYM
	POST, RAILING, GALV. STEEL I BEAM, TYPE N, S, & T	54204				EA	POST RAIL GVSTL IB
	POST, RAILING, GALV. STEEL I BEAM, TYPE N, S, & T	54204M				EA	POST RAIL GVSTL IB
D	POST, RAILING, GALV. STEEL ANGLE	54205				EA	POST RAIL GVST ANGLE
D	POST, RAILING, GALV. STEEL ANGLE	54205M				EA	POST RAIL GVST ANGLE
D	POST, RAILING, GALV. STRUCTURAL STEEL TUBING	54206		13X11X16		EA	POST RAIL GV ST TUBE
D	POST, RAILING, GALV. STRUCTURAL STEEL TUBING	54206M		13X11X16		EA	POST RAIL GV ST TUBE
D	POST, RAILING, PAINTED STEEL I BEAM, TYPE N, S, & T	54207				EA	POST RAIL PTSTL IB
D	POST, RAILING, PAINTED STEEL I BEAM, TYPE N, S, & T	54207M				EA	POST RAIL PTSTL IB
	ANCHOR DEVICE, RAILING, TYPES N&S	54301				EA	ANCHOR DEVICE TYN&S
	ANCHOR DEVICE, RAILING, TYPES N&S	54301M				EA	ANCHOR DEVICE TYN&S
	ANCHOR DEVICE, RAILING, TYPE T (TOP)	54302				EA	ANCHOR DEVICE TYTTOP
	ANCHOR DEVICE, RAILING, TYPE T (TOP)	54302M				EA	ANCHOR DEVICE TYTTOP

SEQ: MATCODE

MATERIAL GROUP: 540 BRIDGE RAILING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ANCHOR DEVICE, RAILING, TYPE T (BOTTOM)	54303				EA	ANCHOR DEVICE TYTBT
	ANCHOR DEVICE, RAILING, TYPE T (BOTTOM)	54303M				EA	ANCHOR DEVICE TYTBT
D	ANCHOR DEVICE, RAILING, ALUM.	54304				EA	ANCHOR DEVICE ALUM
D	ANCHOR DEVICE, RAILING, ALUM.	54304M				EA	ANCHOR DEVICE ALUM
	ACCESSORIES, BRIDGE RAILING	54305				EA	ACCESSORIES BR RAIL
	ACCESSORIES, BRIDGE RAILING	54305M				EA	ACCESSORIES BR RAIL
	END SECTION, CURLED	54306				EA	END SECTION CURLED
	END SECTION, CURLED	54306M				EA	END SECTION CURLED

SEQ: MATCODE

MATERIAL GROUP: 550 GUARD RAIL & CABLE ROAD GUARD

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GUARD RAIL, STEEL PLATE BEAM, RUST RESISTANT, TYPE IV	55100	16			LINFT	G RAIL SPBM RR TYIV
	GUARD RAIL, STEEL PLATE BEAM, RUST RESISTANT, TYPE IV	55100M	16			METER	G RAIL SPBM RR TYIV
	GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE I	55101	16			LINFT	G RAIL SPBM TYI
	GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE I	55101M	16			METER	G RAIL SPBM TYI
	GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE II	55102	16			LINFT	G RAIL SPBM TYII
	GUARD RAIL, STEEL PLATE BEAM, GALV. TYPE II	55102M	16			METER	G RAIL SPBM TYII
D	GUARD RAIL, STEEL PLATE BEAM, PAINTED, TYPE III	55103	16			LINFT	G RAIL SPBM TYIII
D	GUARD RAIL, STEEL PLATE BEAM, PAINTED, TYPE III	55103M	16			METER	G RAIL SPBM TYIII
	END SECTIONS, TERMINAL STEEL PLATE BEAM GALV.	55104	16			LINFT	END SEC TERM SPBM
	END SECTIONS, TERMINAL STEEL PLATE BEAM GALV.	55104M	16			METER	END SEC TERM SPBM
	FLARED END SECTION, STEEL PLATE BEAM, GALV.	55105	16			EA	FLARED END SEC SPBM
	FLARED END SECTION, STEEL PLATE BEAM, GALV.	55105M	16			EA	FLARED END SEC SPBM
	ACCESSORIES, STEEL PLATE BEAM GUARD RAIL, GALV.	55106				EA	ACCESSORIES SPBM GV
	ACCESSORIES, STEEL PLATE BEAM GUARD RAIL, GALV.	55106M				EA	ACCESSORIES SPBM GV
	END SECTIONS, RETURN, STEEL PLATE BEAM GALV.	55107				EA	END SEC RETURN SPBM
	END SECTIONS, RETURN, STEEL PLATE BEAM GALV.	55107M				EA	END SEC RETURN SPBM
	SHOE, STANDARD END	55108				EA	SHOE STANDARD END
	SHOE, STANDARD END	55108M				EA	SHOE STANDARD END
D	GUARD RAIL, ATTACHMENT SPECIAL	55109				EA	GUARDRAIL ATTACH SPC
D	GUARD RAIL, ATTACHMENT SPECIAL	55109M				EA	GUARDRAIL ATTACH SPC
	GUARD RAIL, TUBULAR THRIE BEAM, GALV. TYPE I	55110				LINFT	G RAIL TTBM TYI
	GUARD RAIL, TUBULAR THRIE BEAM, GALV. TYPE I	55110M				METER	G RAIL TTBM TYI
D	RUB RAIL	55111	13	24		LINFT	RUB RAIL
D	RUB RAIL	55111M	13	24		METER	RUB RAIL

SEQ: MATCODE

MATERIAL GROUP: 550 GUARD RAIL & CABLE ROAD GUARD

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ACCESSORIES, STEEL PLATE BEAM GUARD RAIL, RUST RESISTANT	55112				EA	ACCESSORIES PBM RR
D	ACCESSORIES, STEEL PLATE BEAM GUARD RAIL, RUST RESISTANT	55112M				EA	ACCESSORIES PBM RR
	CABLE, WIRE ROPE FOR ROAD GUARD	55201				LINFT	CABLE WIRE ROPE
	CABLE, WIRE ROPE FOR ROAD GUARD	55201M				METER	CABLE WIRE ROPE
	POST, GALVANIZED STEEL GUARD RAIL "I"	55301				EA	POST GSGR "I"
	POST, GALVANIZED STEEL GUARD RAIL "I"	55301M				EA	POST GSGR "I"
D	POST, GALVANIZED STEEL GUARD RAIL "C"	55302				EA	POST GSGR "C"
D	POST, GALVANIZED STEEL GUARD RAIL "C"	55302M				EA	POST GSGR "C"
	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, TREATED	55303				EA	POST WGR CRG TR
	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, TREATED	55303M				EA	POST WGR CRG TR
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, CREOSOTE TREATED	55304				EA	POST WGR CRG CREO
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, CREOSOTE TREATED	55304M				EA	POST WGR CRG CREO
D	POST, PAINTED, STEEL CABLE, ROAD GUARD	55305				EA	POST SC RG PAINT
D	POST, PAINTED, STEEL CABLE, ROAD GUARD	55305M				EA	POST SC RG PAINT
D	POST, GALVANIZED STEEL GUARD RAIL "L"	55306				EA	POST GSGR "L"
D	POST, GALVANIZED STEEL GUARD RAIL "L"	55306M				EA	POST GSGR "L"
D	POST, GALVANIZED STEEL, THRIE BEAM RETROFIT	55307				EA	POST GSTB RETROFIT
D	POST, GALVANIZED STEEL, THRIE BEAM RETROFIT	55307M				EA	POST GSTB RETROFIT
	POST, STEEL GUARD RAIL "I" RUST RESISTANT, TYPE IV	55308				EA	POST SGR RR"I"RRTYIV
	POST, STEEL GUARD RAIL "I" RUST RESISTANT, TYPE IV	55308M				EA	POST SGR RR"I"RRTYIV
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, CCA TREATED	55309				EA	POST WBR CRG CCA
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, CCA TREATED	55309M				EA	POST WGR CRG CCA
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, ACA TREATED	55310				EA	POST WGR CRG ACA
D	POST, WOOD GUARD RAIL OR CABLE ROAD GUARD, ACA TREATED	55310M				EA	POST WGR CRG ACA

SEQ: MATCODE

MATERIAL GROUP: 550 GUARD RAIL & CABLE ROAD GUARD

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	POST, GALVANIZED STEEL ROAD GUARD, "U" ASTM A-499	55311				EA	POST GSRG U A499
	POST, GALVANIZED STEEL ROAD GUARD, "U" ASTM A-499	55311M				EA	POST GSRG U A499
	ACCESSORIES, CABLE ROAD GUARD	55401				EA	ACCESSORIES CRG
	ACCESSORIES, CABLE ROAD GUARD	55401M				EA	ACCESSORIES CRG
	PLANK, GUARD RAIL, TREATED WOOD	55501				LINFT	PLANK WGR TR
	PLANK, GUARD RAIL, TREATED WOOD	55501M				METER	PLANK WGR TR
D	PLANK, GUARD RAIL, CREOSOTE TREATED WOOD	55502				LINFT	PLANK WGR CREO
D	PLANK, GUARD RAIL, CREOSOTE TREATED WOOD	55502M				METER	PLANK WGR CREO
	BLOCKOUT, TREATED WOOD	55503				EA	BLOCKOUT TREAT WOOD
	BLOCKOUT, TREATED WOOD	55503M				EA	BLOCKOUT TREAT WOOD
	BLOCKOUT, PLASTIC	55504				EA	BLOCKOUT PLASTIC
	BLOCKOUT, PLASTIC	55504M				EA	BLOCKOUT PLASTIC
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, NCHRP (MASH) ONLY TANGENT	55601	59			EA	BAR TRAF TERM TANGEN
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, NCHRP (MASH) ONLY TANGENT	55601M	59			EA	BAR TRAF TERM TANGEN
	ACCESSORIES, BARRIER, TERMINAL ASSEMBLY, NCHRP (MASH) ONLY	55602	59			EA	ACC BAR TRAF NCHRP
	ACCESSORIES, BARRIER, TERMINAL ASSEMBLY, NCHRP (MASH) ONLY	55602M	59			EA	ACC BAR TRAF NCHRP
	BARRIER, HIGH TENSION CABLE MEDIAN	55603				LINFT	BARRIER HTC MEDIAN
	BARRIER, HIGH TENSION CABLE MEDIAN	55603M				METER	BARRIER HTC MEDIAN
	BARRIER TERMINAL, HIGH TENSION CABLE MEDIAN	55604				EA	BARRIER TERM HTC MED
	BARRIER TERMINAL, HIGH TENSION CABLE MEDIAN	55604M				EA	BARRIER TERM HTC MED
	POST, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55605				EA	POST HTCM BAR SYSTEM
	POST, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55605M				EA	POST HTCM BAR SYSTEM
D	CABLE, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55606				EA	CABLE HTCM BAR SYS
D	CABLE, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55606M				EA	CABLE HTCM BAR SYS

SEQ: MATCODE

MATERIAL GROUP: 550 GUARD RAIL & CABLE ROAD GUARD

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ACCESSORIES, HIGH TENSION CABLE MEDIAN BAR, REPLACEMENT ONLY	55607				EA	ACC HTCM BAR SYSTEM
	ACCESSORIES, HIGH TENSION CABLE MEDIAN BAR, REPLACEMENT ONLY	55607M				EA	ACC HTCM BAR SYSTEM
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, OTHER	55608	59			EA	BAR TRAF TERM OTHER
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, OTHER	55608M	59			EA	BAR TRAF TERM OTHER
	ACCESSORIES, BARRIER, TRAFFIC TERMINAL ASSEMBLY, OTHER	55609	59			EA	ACC BAR TRAF OTHER
	ACCESSORIES, BARRIER, TRAFFIC TERMINAL ASSEMBLY, OTHER	55609M	59			EA	ACC BAR TRAF OTHER
	CABLE, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55610				LINFT	CABLE HTCM BAR SYS
	CABLE, HIGH TENSION CABLE MEDIAN BARRIER, REPLACEMENT ONLY	55610M				METER	CABLE HTCM BAR SYS
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, NCHRP (MASH) ONLY FLARED	55611	59			EA	BAR TRAF TERM FLARED
	BARRIER, TRAFFIC TERMINAL ASSEMBLY, NCHRP (MASH) ONLY FLARED	55611M	59			EA	BAR TRAF TERM FLARED

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FERTILIZER NUTRIENT, NITROGEN	56101				LB	FERT NUTRIENT NITRO
	FERTILIZER NUTRIENT, NITROGEN	56101M				KG	FERT NUTRIENT NITRO
	FERTILIZER NUTRIENT, PHOSPHORUS	56102				LB	FERT NUTRIENT PHOS
	FERTILIZER NUTRIENT, PHOSPHORUS	56102M				KG	FERT NUTRIENT PHOS
	FERTILIZER NUTRIENT, POTASSIUM	56103				LB	FERT NUTRIENT POTAS
	FERTILIZER NUTRIENT, POTASSIUM	56103M				KG	FERT NUTRIENT POTAS
D	TABLET, FERTILIZER PLANTING	56104				EA	TABLET FERT PLANTING
D	TABLET, FERTILIZER PLANTING	56104M				EA	TABLET FERT PLANTING
D	MULCH, COBS (CRACKED CORN)	56201				TONS	MULCH COBS
D	MULCH, COBS (CRACKED CORN)	56201M				M TON	MULCH COBS
D	MULCH, HAY	56202				TONS	MULCH HAY
D	MULCH, HAY	56202M				M TON	MULCH HAY
	MULCH, HARDWOOD BARK	56203				CUYD	MULCH HARDWOOD BARK
	MULCH, HARDWOOD BARK	56203M				CU M	MULCH HARDWOOD BARK
	MULCH, STRAW	56204				TONS	MULCH STRAW
	MULCH, STRAW	56204M				M TON	MULCH STRAW
D	MULCH, STRAW ASPHALT COATED	56205				TONS	MULCH STRAW ASPCT
D	MULCH, STRAW ASPHALT COATED	56205M				M TON	MULCH STRAW ASPCT
	MULCH, EXCELSIOR	56206				BALES	MULCH EXCELSIOR
	MULCH, EXCELSIOR	56206M				EA	MULCH EXCELSIOR
D	MULCH, SHELLS	56207				SQYD	MULCH SHELLS
D	MULCH, SHELLS	56207M				SQ M	MULCH SHELLS
	MULCH, WOOD	56208				TONS	MULCH WOOD
	MULCH, WOOD	56208M				M TON	MULCH WOOD

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BLANKET, EXCELSIOR	56209				SQYD	BLANKET EXCELSIOR
	BLANKET, EXCELSIOR	56209M				SQ M	BLANKET EXCELSIOR
D	MATTING, PAPER YARN MESH	56210				SQYD	MATTING PAPERYARN
D	JUTE MATTING	56211				SQYD	JUTE MATTING
D	ROVING, FIBERGLASS	56212				SQYD	ROVING FIBERGLASS
D	MULCH, COTTON SEED HULLS	56213				LB	MULCH COT SEED HULL
D	MULCH, COTTON SEED HULLS	56213M				KG	MULCH COT SEED HULL
	BALES, EROSION CONTROL	56214				EA	BALES EROSION CONTR
	BALES, EROSION CONTROL	56214M				EA	BALES EROSION CONTR
	FABRIC, EROSION MAT	56215				SQYD	FABRIC EROSION MAT
	FABRIC, EROSION MAT	56215M				SQ M	FABRIC EROSION MAT
D	MATTING, EROSION CONTROL, NYLON FIBER	56216				SQYD	MATTING EROCON NYFIB
D	MATTING, EROSION CONTROL, NYLON FIBER	56216M				SQ M	MATTING EROCON NYFIB
D	BINDER TACK, TERRA TACK AR	56217				LB	BITACK TERRA TACK
D	MATTING, EROSION CONTROL, VINYL MONOFILAMENT	56218				SQYD	MATTING ERO-CON VINY
	STRAW MAT, KNITTED	56219				SQYD	STRAW MAT KNITTED
	STRAW MAT, KNITTED	56219M				SQ M	STRAW MAT KNITTED
D	BLANKET, EROSION CONTROL, NYLON FIBER, POLYPROPYLENE NETTING	56220				SQYD	BLANKET EROCON NYFIB
D	BLANKET, EROSION CONTROL, NYLON FIBER, POLYPROPYLENE NETTING	56220M				SQ M	BLANKET EROCON NYFIB
	MULCH, HYDRAULIC	56221				TONS	MULCH HYDRAULIC
	MULCH, HYDRAULIC	56221M				M TON	MULCH HYDRAULIC
	BINDER, CHEMICAL MULCH	56222	61			LB	BINDER CHEM MULCH
	BINDER, CHEMICAL MULCH	56222M	61			KG	BINDER CHEM MULCH
	MATTING, STRAW AND COCONUT BLEND	56223				SQYD	MATTING STRAWCOCONUT

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	MATting, STRAW AND COCONUT BLEND	56223M				SQ M	MATting STRAWCOCONUT
D	MATting, FLEXIBLE CHANNEL LINER COCONUT FIBER, POLYPROP MESH	56224				SQYD	MATT FLEX CHAN LINR
D	MATting, FLEXIBLE CHANNEL LINER COCONUT FIBER, POLYPROP MESH	56224M				SQ M	MATT FLEX CHAN LINR
	BLANKET, EXCELSIOR AND STRAW BLEND	56225				SQYD	BLKT EXCELSIOR STRAW
	BLANKET, EXCELSIOR AND STRAW BLEND	56225M				SQ M	BLKT EXCELSIOR STRAW
	DITCH CHECK, URETHANE FOAM-GEOTEXTILE FABRIC	56226				EA	DITCH CHK FOAM-GEOTX
	DITCH CHECK, URETHANE FOAM-GEOTEXTILE FABRIC	56226M				EA	DITCH CHK FOAM-GEOTX
	FLOTATION SILT CURTAIN, STILL WATER	56227				LINFT	FLOAT SILT CRTN SW
	FLOTATION SILT CURTAIN, STILL WATER	56227M				METER	FLOAT SILT CRTN SW
	SEDIMENT LOG, ROLLED EXCELSIOR	56228	14	12	13	EA	SEDMNT LOG RLD XCLSR
	SEDIMENT LOG, ROLLED EXCELSIOR	56228M	14	12	13	EA	SEDMNT LOG RLD XCLSR
	BERM, EROSION CONTROL, POLYETHYLENE	56229				EA	BERM EROCON POLYETH
	BERM, EROSION CONTROL, POLYETHYLENE	56229M				EA	BERM EROCON POLYETH
	PANEL, EROSION CONTROL, POLYETHYLENE	56230				EA	PANEL EROCON POLYETH
	PANEL, EROSION CONTROL, POLYETHYLENE	56230M				EA	PANEL EROCON POLYETH
	MAT, TURF REINFORCEMENT	56231				SQYD	MAT TURF REINFORCE
	MAT, TURF REINFORCEMENT	56231M				SQ M	MAT TURF REINFORCE
	BALES, STRAW (AERO)	56232				EA	BALES STRAW AERO
	BALES, STRAW (AERO)	56232M				EA	BALES STRAW AERO
	MATting, TURF REINFORCEMENT, COCONUT (AERONAUTICS)	56233				SQYD	TRM COCONUT AERO
	PEAT MOSS	56301				CUFT	PEAT MOSS
	PEAT MOSS	56301M				CU M	PEAT MOSS
	SOD	56302				SQYD	SOD
	SOD	56302M				SQ M	SOD

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SOIL, TOP	56303				CUYD	SOIL TOP
	SOIL, TOP	56303M				CU M	SOIL TOP
D	TURF, ARTIFICIAL	56304				SQYD	TURF ARTIFICIAL
D	TURF, ARTIFICIAL	56304M				SQ M	TURF ARTIFICIAL
	SOD, SALT TOLERANT	56305				SQYD	SOD SALT TOLERANT
	SOD, SALT TOLERANT	56305M				SQ M	SOD SALT TOLERANT
	COMPOST	56306				CUYD	COMPOST
	COMPOST	56306M				CU M	COMPOST
D	SEED, ALFALFA	56401				LB	SEED ALFALFA
D	SEED, ALFALFA	56401M				KG	SEED ALFALFA
D	SEED, BROME GRASS	56402				LB	SEED BROME GRASS
D	SEED, BROME GRASS	56402M				KG	SEED BROME GRASS
D	SEED, CLOVER, ALSIKE	56403				LB	SEED CLOVER ALSIKE
D	SEED, CLOVER, ALSIKE	56403M				KG	SEED CLOVER ALSIKE
D	SEED, CLOVER, CRIMSON	56404				LB	SEED CLOVER CRIMSON
D	SEED, CLOVER, CRIMSON	56404M				KG	SEED CLOVER CRIMSON
D	SEED, CLOVER, LADINO	56405				LB	SEED CLOVER LADINO
D	SEED, CLOVER, LADINO	56405M				KG	SEED CLOVER LADINO
D	SEED, CLOVER, RED	56406				LB	SEED CLOVER RED
D	SEED, CLOVER, RED	56406M				KG	SEED CLOVER RED
D	SEED, CLOVER, WHITE DUTCH	56407				LB	SEED CLOVER WH DUTCH
D	SEED, CLOVER, WHITE DUTCH	56407M				KG	SEED CLOVER WH DUTCH
D	SEED, FESCUE, ALTA OR KY. 31	56408				LB	SEED FESC ALTA KY31
D	SEED, FESCUE, ALTA OR KY. 31	56408M				KG	SEED FESC ALTA KY31

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SEED, FESCUE, CREEPING RED	56409				LB	SEED FESC CREEPINGRD
D	SEED, FESCUE, CREEPING RED	56409M				KG	SEED FESC CREEPINGRD
D	SEED, KENTUCKY BLUEGRASS	56410				LB	SEED KENT BLUEGRASS
D	SEED, KENTUCKY BLUEGRASS	56410M				KG	SEED KENT BLUEGRASS
D	SEED, LESPEDEZA KOREAN	56411				LB	SEED LESPED KOREAN
D	SEED, LESPEDEZA KOREAN	56411M				KG	SEED LESPED KOREAN
D	SEED, MILLET, GERMAN FOXTAIL	56412				LB	SEED MILLET GF
D	SEED, MILLET, GERMAN FOXTAIL	56412M				KG	SEED MILLET GF
D	SEED, OATS	56413				LB	SEED OATS
D	SEED, OATS	56413M				KG	SEED OATS
D	SEED, ORCHARD GRASS	56414				LB	SEED ORCHARD GRASS
D	SEED, ORCHARD GRASS	56414M				KG	SEED ORCHARD GRASS
D	SEED, REDTOP SOLID	56415				LB	SEED REDTOP SOLID
D	SEED, REDTOP SOLID	56415M				KG	SEED REDTOP SOLID
D	SEED, REED CANARY GRASS	56416				LB	SEED REED CANARY GS
D	SEED, REED CANARY GRASS	56416M				KG	SEED REED CANARY GS
D	SEED, RYEGRASS, ANNUAL	56417				LB	SEED RYEGRASS ANNUAL
D	SEED, RYEGRASS, ANNUAL	56417M				KG	SEED RYEGRASS ANNUAL
D	SEED, RYEGRASS, COMMON OR PERENNIAL	56418				LB	SEED RYEGRASS C OR P
D	SEED, RYEGRASS, COMMON OR PERENNIAL	56418M				KG	SEED RYEGRASS C OR P
D	SEED, RYE, GRAIN, WINTER	56419				LB	SEED RYEGRAIN WINTER
D	SEED, RYE, GRAIN, WINTER	56419M				KG	SEED RYEGRAIN WINTER
D	SEED, TIMOTHY	56420				LB	SEED TIMOTHY
D	SEED, TIMOTHY	56420M				KG	SEED TIMOTHY

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SEED, VETCH, CROWN	56421				LB	SEED VETCH CROWN
D	SEED, VETCH, CROWN	56421M				KG	SEED VETCH CROWN
D	SEED, VETCH, SPRING	56422				LB	SEED VETCH SPRING
D	SEED, VETCH, SPRING	56422M				KG	SEED VETCH SPRING
D	SEED, VETCH, WINTER	56423				LB	SEED VETCH WINTER
D	SEED, VETCH, WINTER	56423M				KG	SEED VETCH WINTER
D	SEED, WHEAT, HARD RED WINTER	56424				LB	SEED WHEAT HRW
D	SEED, WHEAT, HARD RED WINTER	56424M				KG	SEED WHEAT HRW
D	SEED, WHEAT, SPRING	56425				LB	SEED WHEAT SPRING
D	SEED, WHEAT, SPRING	56425M				KG	SEED WHEAT SPRING
D	SEED, BIG BLUE STEM	56426				LB	SEED BIG BLUE STEM
D	SEED, BIG BLUE STEM	56426M				KG	SEED BIG BLUE STEM
D	SEED, LITTLE BLUE STEM	56427				LB	SEED LITTLE BLUESTEM
D	SEED, LITTLE BLUE STEM	56427M				KG	SEED LITTLE BLUESTEM
D	SEED, SIDE OATS GRAMA	56428				LB	SEED SIDE OATS GRAMA
D	SEED, SIDE OATS GRAMA	56428M				KG	SEED SIDE OATS GRAMA
D	SEED, INDIAN GRASS	56429				LB	SEED INDIAN GRASS
D	SEED, INDIAN GRASS	56429M				KG	SEED INDIAN GRASS
D	SEED, SWITCHGRASS	56430				LB	SEED SWITCHGRASS
D	SEED, SWITCHGRASS	56430M				KG	SEED SWITCHGRASS
D	SEED, ALKALINE	56431				LB	SEED ALKALINE
D	SEED, ALKALINE	56431M				KG	SEED ALKALINE
D	SEED, BIRDSFOOT TREFOIL	56432				LB	SEED BIRDSFT TREFOIL
D	SEED, BIRDSFOOT TREFOIL	56432M				KG	SEED BIRDSFT TREFOIL

SEQ: MATCODE MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D SEED,	ADELPHI KY BLUEGRASS	56433				LB	SEED ADELPHI BLUEGS
D SEED,	ADELPHI KY BLUEGRASS	56433M				KG	SEED ADELPHI BLUEGS
D SEED,	ARBORETUM KY BLUEGRASS	56434				LB	SEED ARBORETUM BLGS
D SEED,	ARBORETUM KY BLUEGRASS	56434M				KG	SEED ARBORETUM BLGS
D SEED,	BARON KY BLUEGRASS	56435				LB	SEED BARON BLUEGRASS
D SEED,	BARON KY BLUEGRASS	56435M				KG	SEED BARON BLUEGRASS
D SEED,	DELTA KY BLUEGRASS	56436				LB	SEED DELTA BLUEGRASS
D SEED,	DELTA KY BLUEGRASS	56436M				KG	SEED DELTA BLUEGRASS
D SEED,	MAJESTIC KY BLUEGRASS	56437				LB	SEED MAJESTIC BLUEGS
D SEED,	MAJESTIC KY BLUEGRASS	56437M				KG	SEED MAJESTIC BLUEGS
D SEED,	PARK KY BLUEGRASS	56438				LB	SEED PARK BLUEGRASS
D SEED,	PARK KY BLUEGRASS	56438M				KG	SEED PARK BLUEGRASS
D SEED,	MANHATTAN PERENNIAL RYEGRASS	56439				LB	SEED MANHATTAN PERYE
D SEED,	MANHATTAN PERENNIAL RYEGRASS	56439M				KG	SEED MANHATTAN PERYE
D SEED,	PENNFINE PERENNIAL RYEGRASS	56440				LB	SEED PENNFINE PERYE
D SEED,	PENNFINE PERENNIAL RYEGRASS	56440M				KG	SEED PENNFINE PERYE
D SEED,	REGAL PERENNIAL RYEGRASS	56441				LB	SEED REGAL PERERYE
D SEED,	REGAL PERENNIAL RYEGRASS	56441M				KG	SEED REGAL PERERYE
D SEED,	CREEPING RED FESCUE, DURA HARD	56442				LB	SEED FESC DURA HARD
D SEED,	CREEPING RED FESCUE, DURA HARD	56442M				KG	SEED FESC DURA HARD
D SEED,	CREEPING, REDFESCUE, PENN LAWN	56443				LB	SEED FESC PENNLAWN
D SEED,	CREEPING, REDFESCUE, PENN LAWN	56443M				KG	SEED FESC PENNLAWN
D SEED,	PRAIRIE WILD RYE	56444				LB	SEED PRIRIE WILD RYE
D SEED,	PRAIRIE WILD RYE	56444M				KG	SEED PRIRIE WILD RYE

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SEED, AQUILA BLUEGRASS	56445				LB	SEED AQUIL BLUEGRASS
D	SEED, AQUILA BLUEGRASS	56445M				KG	SEED AQUIL BLUEGRASS
D	SEED, FULTS PUCCINELLIA	56446				LB	SEED FULTS PUCINELIA
D	SEED, FULTS PUCCINELLIA	56446M				KG	SEED FULTS PUCINELIA
D	SEED, FESCUE, ADVENTURE	56447				LB	SEED FESC ADVENTURE
D	SEED, FESCUE, ADVENTURE	56447M				KG	SEED FESC ADVENTURE
D	SEED, FESCUE, JAGUAR	56448				LB	SEED FESC JAGUAR
D	SEED, FESCUE, JAGUAR	56448M				KG	SEED FESC JAGUAR
D	SEED, DAWSON RED FESCUE	56449				LB	SEED FESC DAWSON RED
D	SEED, DAWSON RED FESCUE	56449M				KG	SEED FESC DAWSON RED
D	SEED, SCALDIS HARD FESCUE	56450				LB	SEED FESC SCALDIS HD
D	SEED, SCALDIS HARD FESCUE	56450M				KG	SEED FESC SCALDIS HD
D	SEED, BLUE GRAMA	56451				LB	SEED BLUE GRAMA
D	SEED, BLUE GRAMA	56451M				KG	SEED BLUE GRAMA
D	SEED, GALWAY TALL FESCUE	56452				LB	SEED GALWAY T-FESCUE
D	SEED, GALWAY TALL FESCUE	56452M				KG	SEED GALWAY T-FESCUE
D	SEED, SAND LOVE GRASS	56453				LB	SEED SAND LOVE GRASS
D	SEED, SAND LOVE GRASS	56453M				KG	SEED SAND LOVE GRASS
D	SEED, FAWN TALL FESCUE	56454				LB	SEED FAWN TALL FESCU
D	SEED, FAWN TALL FESCUE	56454M				KG	SEED FAWN TALL FESCU
D	SEED, DELRAY PERENNIAL RYEGRASS	56455				LB	SEED DELRAY PERYE
D	SEED, DELRAY PERENNIAL RYEGRASS	56455M				KG	SEED DELRAY PERYE
D	SEED, PARADE KY BLUEGRASS	56456				LB	SEED PARADE KY BLGS
D	SEED, PARADE KY BLUEGRASS	56456M				KG	SEED PARADE KY BLGS

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SEED, MUSTANG, TURF TYPE TALL FESCUE	56457				LB	SEED MUSTANG TALLFES
D	SEED, MUSTANG, TURF TYPE TALL FESCUE	56457M				KG	SEED MUSTANG TALLFES
D	SEED, LESPEDEZA SERICEA	56458				LB	SEED LESPED SERICEA
D	SEED, LESPEDEZA SERICEA	56458M				KG	SEED LESPED SERICEA
D	SEED, RUSSIAN WILD RYE	56459				LB	SEED RUSSIAN WILDRYE
D	SEED, RUSSIAN WILD RYE	56459M				KG	SEED RUSSIAN WILDRYE
D	SEED, BUFFALO GRASS	56460				LB	SEED BUFFALO GRASS
D	SEED, BUFFALO GRASS	56460M				KG	SEED BUFFALO GRASS
D	SEED, APACHE TALL FESCUE	56461				LB	SEED APACHE TALL FES
D	SEED, APACHE TALL FESCUE	56461M				KG	SEED APACHE TALL FES
D	SEED, PRAIRIE FORBES	56462				LB	SEED PRAIRIE FORBS
D	SEED, PRAIRIE FORBES	56462M				KG	SEED PRAIRIE FORBS
D	SEED, RESCUE GRASS	56463				LB	SEED RESCUE GRASS
D	SEED, RESCUE GRASS	56463M				KG	SEED RESCUE GRASS
D	SEED, SAND DROPSEED	56464				LB	SEED SAND DROPSEED
D	SEED, SAND DROPSEED	56464M				KG	SEED SAND DROPSEED
D	SEED, PRAIRIE DROPSEED	56465				LB	SEED PRAIRIE DROPSEE
D	SEED, PRAIRIE DROPSEED	56465M				KG	SEED PRAIRIE DROPSEE
D	SEED, JUNE GRASS	56466				LB	SEED JUNE GRASS
D	SEED, JUNE GRASS	56466M				KG	SEED JUNE GRASS
D	SEED, FALCON FESCUE	56467				LB	SEED FALCON FESCUE
D	SEED, FALCON FESCUE	56467M				KG	SEED FALCON FESCUE
D	SEED, RUGBY KY BLUEGRASS	56468				LB	SEED RUGBY BLUEGRASS
D	SEED, RUGBY KY BLUEGRASS	56468M				KG	SEED RUGBY BLUEGRASS

SEQ: MATCODE MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D SEED,	WABASH KY BLUEGRASS	56469				LB	SEED WABASH BLGRASS
D SEED,	WABASH KY BLUEGRASS	56469M				KG	SEED WABASH BLGRASS
D SEED,	CAREFREE TALL FESCUE	56470				LB	SEED CAREFREE TLFESC
D SEED,	CAREFREE TALL FESCUE	56470M				KG	SEED CAREFREE TLFESC
D SEED,	HUNTSVILLE KY BLUEGRASS	56471				LB	SEED HNTSVL KY BLUGS
D SEED,	HUNTSVILLE KY BLUEGRASS	56471M				KG	SEED HNTSVL KY BLUGS
D SEED,	CANADIAN WILD RYE	56472				LB	SEED CANADIAN WLDRYE
D SEED,	CANADIAN WILD RYE	56472M				KG	SEED CANADIAN WLDRYE
D SEED,	LEPRECHAUN FESCUE	56473				LB	SEED LEPRECHAUN FSCU
D SEED,	LEPRECHAUN FESCUE	56473M				KG	SEED LEPRECHAUN FSCU
D SEED,	GOOD-EN, TURF TYPE TALL FESCUE	56474				LB	SEED GOOD-EN TALLFES
D SEED,	GOOD-EN, TURF TYPE TALL FESCUE	56474M				KG	SEED GOOD-EN TALLFES
D SEED,	TUFFY TALL FESCUE	56475				LB	SEED TUFFY TALLFES
D SEED,	TUFFY TALL FESCUE	56475M				KG	SEED TUFFY TALLFES
D SEED,	VIRGINIA WILD RYE	56476				LB	SEED VIRGINIA WLDRYE
D SEED,	VIRGINIA WILD RYE	56476M				KG	SEED VIRGINIA WLDRYE
D SEED,	ILLINOIS BUNDLEFLOWER	56477				LB	SEED IL BUNDLEFLOWER
D SEED,	ILLINOIS BUNDLEFLOWER	56477M				KG	SEED IL BUNDLEFLOWER
D SEED,	SLENDER WHEAT GRASS	56478				LB	SEED SLEND WHEAT GRS
D SEED,	SLENDER WHEAT GRASS	56478M				KG	SEED SLEND WHEAT GRS
SEED,	SPECIAL	56499	22			LB	SEED SPECIAL
SEED,	SPECIAL	56499M	22			KG	SEED SPECIAL
TREE,	SHADE AND FLOWERING, ALL TYPES	56501	22			EA	TREE SHADE ALL TYPES
TREE,	SHADE AND FLOWERING, ALL TYPES	56501M	22			EA	TREE SHADE ALL TYPES

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	YOUNG PLANT, ALL TYPES	56502	22			EA	YOUNG PLANT ALL TYPE
	YOUNG PLANT, ALL TYPES	56502M	22			EA	YOUNG PLANT ALL TYPE
	TREE, SEEDLING	56503	22			EA	TREE SEEDLING
	TREE, SEEDLING	56503M	22			EA	TREE SEEDLING
	SHRUB, DECIDUOUS, ALL TYPES	56504	22			EA	SHRUB
	SHRUB, DECIDUOUS, ALL TYPES	56504M	22			EA	SHRUB
	SHRUB, SEEDLING	56505	22			EA	SHRUB SEEDLING
	SHRUB, SEEDLING G	56505M	22			EA	SHRUB SEEDLING G
	EVERGREEN, CONIFEROUS AND BROADLEAF, ALL TYPES	56506	22			EA	EVERGREEN
	EVERGREEN, CONIFEROUS AND BROADLEAF, ALL TYPES	56506M	22			EA	EVERGREEN
D	EVERGREEN, SEEDLING H	56507	22			EA	EVERGREEN SEEDLING H
D	EVERGREEN, SEEDLING H	56507M	22			EA	EVERGREEN SEEDLING H
	VINES	56508	22			EA	VINES
	VINES	56508M	22			EA	VINES
D	VINES, COLLECTED J	56509	22			EA	VINES COLLECTED J
D	VINES, COLLECTED J	56509M	22			EA	VINES COLLECTED J
	SPECIAL LANDSCAPING	56510	22			EA	SPECIAL LANDSCAPING
	SPECIAL LANDSCAPING	56510M	22			EA	SPECIAL LANDSCAPING
D	ROOT STOCK, WETLAND	56511	22			EA	ROOTSTOCK WETLAND
D	ROOT STOCK, WETLAND	56511M	22			EA	ROOTSTOCK WETLAND
D	BRACING, STEEL POSTS	56601				EA	BRACING STL POSTS
D	BRACING, STEEL POSTS	56601M				EA	BRACING STL POSTS
D	BRACING, EARTH ANCHORS	56602				EA	BRACING ER ANCHORS
D	BRACING, EARTH ANCHORS	56602M				EA	BRACING ER ANCHORS

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STAPLES	56603				EA	STAPLES
D	STAPLES	56603M				EA	STAPLES
	SEEDING, CLASS 1	56701	71			ACRE	SEEDING CLASS 1
	SEEDING, CLASS 1	56701M	71			HA	SEEDING CLASS 1
	SEEDING, CLASS 1A	56702	71			ACRE	SEEDING CLASS 1A
	SEEDING, CLASS 1A	56702M	71			HA	SEEDING CLASS 1A
	SEEDING, CLASS 1B	56703	71			ACRE	SEEDING CLASS 1B
	SEEDING, CLASS 1B	56703M	71			HA	SEEDING CLASS 1B
	SEEDING, CLASS 2	56704	71			ACRE	SEEDING CLASS 2
	SEEDING, CLASS 2	56704M	71			HA	SEEDING CLASS 2
	SEEDING, CLASS 2A	56705	71			ACRE	SEEDING CLASS 2A
	SEEDING, CLASS 2A	56705M	71			HA	SEEDING CLASS 2A
	SEEDING, CLASS 3	56706	71			ACRE	SEEDING CLASS 3
	SEEDING, CLASS 3	56706M	71			HA	SEEDING CLASS 3
	SEEDING, CLASS 4	56707	71			ACRE	SEEDING CLASS 4
	SEEDING, CLASS 4	56707M	71			HA	SEEDING CLASS 4
	SEEDING, CLASS 4A	56708	71			ACRE	SEEDING CLASS 4A
	SEEDING, CLASS 4A	56708M	71			HA	SEEDING CLASS 4A
	SEEDING, CLASS 4B	56709	71			ACRE	SEEDING CLASS 4B
	SEEDING, CLASS 4B	56709M	71			HA	SEEDING CLASS 4B
	SEEDING, CLASS 5	56710	71			ACRE	SEEDING CLASS 5
	SEEDING, CLASS 5	56710M	71			HA	SEEDING CLASS 5
	SEEDING, CLASS 5A	56711	71			ACRE	SEEDING CLASS 5A
	SEEDING, CLASS 5A	56711M	71			HA	SEEDING CLASS 5A

SEQ: MATCODE

MATERIAL GROUP: 560 LANDSCAPE

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SEEDING, CLASS 5B	56712	71			ACRE	SEEDING CLASS 5B
	SEEDING, CLASS 5B	56712M	71			HA	SEEDING CLASS 5B
	SEEDING, CLASS 6	56713	71			ACRE	SEEDING CLASS 6
	SEEDING, CLASS 6	56713M	71			HA	SEEDING CLASS 6
D	SEEDING, CLASS 6A	56714	71			ACRE	SEEDING CLASS 6A
D	SEEDING, CLASS 6A	56714M	71			HA	SEEDING CLASS 6A
	SEEDING, CLASS 7	56715	71			ACRE	SEEDING CLASS 7
	SEEDING, CLASS 7	56715M	71			HA	SEEDING CLASS 7
	SEEDING, CLASS 3A	56716	71			ACRE	SEEDING CLASS 3A
	SEEDING, CLASS 3A	56716M	71			HA	SEEDING CLASS 3A
	SEEDING, CLASS 5C	56717	71			ACRE	SEEDING CLASS 5C
	SEEDING, CLASS 5C	56717M	71			HA	SEEDING CLASS 5C
	SEEDING, MIXTURE SPECIAL	56751				ACRE	SEEDING MIX SPECIAL
	SEEDING, MIXTURE SPECIAL	56751M				HA	SEEDING MIX SPECIAL
	SEEDING, AERO MIXTURE	56752				ACRE	SEEDING AERO MIX
	SEEDING, AERO MIXTURE	56752M				HA	SEEDING AERO MIX
D	MATTING, EROSION CONTROL, VINYL MONOFILAMENT	57219				SQYD	MATTING ERO-CON VINY

SEQ: MATCODE

MATERIAL GROUP: 575 FENCING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	WIRE, BARB, ALUMINUM COATED STEEL	57601	20			LINFT	WIRE BARB ALCT STL
	WIRE, BARB, ALUMINUM COATED STEEL	57601M	20			METER	WIRE BARB ALCT STL
	WIRE, BARB, GALVANIZED STEEL	57602	20			LINFT	WIRE BARB GALV STL
	WIRE, BARB, GALVANIZED STEEL	57602M	20			METER	WIRE BARB GALV STL
D	FABRIC, CHAIN LINK FENCE, ALUMINUM	57701	18			LINFT	FABRIC CHLF AL
D	FABRIC, CHAIN LINK FENCE, ALUMINUM	57701M	18			METER	FABRIC CHLF AL
	FABRIC, CHAIN LINK FENCE, ALUMINUM COATED STEEL	57702	18			LINFT	FABRIC CHLFAL CT STL
	FABRIC, CHAIN LINK FENCE, ALUMINUM COATED STEEL	57702M	18			METER	FABRIC CHLFAL CT STL
	FABRIC, CHAIN LINK FENCE, GALVANIZED STEEL	57703	18			LINFT	FABRIC CHLF GALV STL
	FABRIC, CHAIN LINK FENCE, GALVANIZED STEEL	57703M	18			METER	FABRIC CHLF GALV STL
	FABRIC, CHAIN LINK FENCE, VINYL COATED GALVANIZED STEEL	57704	18			LINFT	FABRIC CHLF C GV STL
	FABRIC, CHAIN LINK FENCE, VINYL COATED GALVANIZED STEEL	57704M	18			METER	FABRIC CHLF C GV STL
D	FABRIC, CHAIN LINK FENCE, MODIFIED	57705				LINFT	FABRIC CHLF MODIFIED
D	FABRIC, CHAIN LINK FENCE, MODIFIED	57705M				METER	FABRIC CHLF MODIFIED
	FABRIC, CHAIN LINK FENCE, SPECIAL	57706				LINFT	FABRIC CHLF SPECIAL
	FABRIC, CHAIN LINK FENCE, SPECIAL	57706M				METER	FABRIC CHLF SPECIAL
	FABRIC, WOVEN WIRE FENCE, ALUMINUM COATED STEEL	57801	18			LINFT	FABRIC WWF AL CT STL
	FABRIC, WOVEN WIRE FENCE, ALUMINUM COATED STEEL	57801M	18			METER	FABRIC WWF AL CT STL
	FABRIC, WOVEN WIRE FENCE, GALVANIZED STEEL	57802	18			LINFT	FABRIC WWF GALV STL
	FABRIC, WOVEN WIRE FENCE, GALVANIZED STEEL	57802M	18			METER	FABRIC WWF GALV STL
D	FABRIC, WOVEN WIRE FENCE, MODIFIED	57803				LINFT	FABRIC WWF MODIFIED
D	FABRIC, WOVEN WIRE FENCE, MODIFIED	57803M				METER	FABRIC WWF MODIFIED
	FABRIC, WOVEN WIRE FENCE, SPECIAL	57804				LINFT	FABRIC WWF SPECIAL
	FABRIC, WOVEN WIRE FENCE, SPECIAL	57804M				METER	FABRIC WWF SPECIAL

SEQ: MATCODE

MATERIAL GROUP: 575 FENCING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	RAIL FENCE, RUSTIC	57901				LINFT	RAIL FENCE RUSTIC
	RAIL FENCE, RUSTIC	57901M				METER	RAIL FENCE RUSTIC
	FENCE, ORNAMENTAL	57902	18	27		LINFT	FENCE ORNAMENTAL
	GATE, ORNAMENTAL, SINGLE	57903	18	19	27	EA	GATE ORNAMNTL SINGLE
	GATE, ORNAMENTAL, DOUBLE	57904				EA	GATE ORNAMNTL DOUBLE
D	BRACE, HORIZONTAL, CHAIN LINK (PIPE) ALUMINUM	58001				LINFT	BRACE H CHLF AL P
D	BRACE, HORIZONTAL, CHAIN LINK (STRUCTURAL SHAPE) ALUMINUM	58002				LINFT	BRACE H CHLF AL STSH
D	BRACE, HORIZONTAL, CHAIN LINK (ROLL FORM) ALUMINUM	58003				LINFT	BRACE H CHLF RF AL
	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (PIPE)	58004				LINFT	BRACE H CHLF GV P
	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (PIPE)	58004M				METER	BRACE H CHLF GV P
D	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (STRUCTURAL SHAPE)	58005				LINFT	BRACE H CHLF GV STSH
D	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (STRUCTURAL SHAPE)	58005M				METER	BRACE H CHLF GV STSH
D	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (ROLL FORM)	58006				LINFT	BRACE H CHLF RF GV
D	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (ROLL FORM)	58006M				METER	BRACE H CHLF RF GV
D	BRACE, WOVEN WIRE (PIPE)	58007	34	24		LINFT	BRACE WW PIPE
D	BRACE, WOVEN WIRE (PIPE)	58007M	34	24		METER	BRACE WW PIPE
D	BRACE, WOVEN WIRE (ANGLE)	58008				LINFT	BRACE WW ANGLE
D	BRACE, WOVEN WIRE (ANGLE)	58008M				METER	BRACE WW ANGLE
D	BRACE, WOVEN WIRE (STRUCTURAL SHAPE)	58009				LINFT	BRACE WW STSH
D	BRACE, WOVEN WIRE (STRUCTURAL SHAPE)	58009M				METER	BRACE WW STSH
D	BRACE, WOOD WOVEN WIRE	58010				LINFT	BRACE WOOD WW
D	BRACE, WOOD WOVEN WIRE	58010M				METER	BRACE WOOD WW
	BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK STEEL	58011	34	24		LINFT	BRACE H CHLF VCGV P
	BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK STEEL	58011M	34	24		METER	BRACE H CHLF VCGV P

SEQ: MATCODE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BRACE, HORIZONTAL, CHAIN LINK (PIPE) ALUMINIZED STEEL	58012				LINFT	BRACE H CHLF ALST P
D	BRACE, HORIZONTAL, CHAIN LINK (PIPE) ALUMINIZED STEEL	58012M				METER	BRACE H CHLF ALST P
	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (PIPE) TYPE B	58013	34	24		LINFT	BRACE H CHLF GV P TB
	BRACE, HORIZONTAL, GALVANIZED CHAIN LINK (PIPE) TYPE B	58013M	34	24		METER	BRACE H CHLF GV P TB
	BRACE, WOVEN WIRE (PIPE) TYPE B	58014	34	24		LINFT	BRACE WW PIPE TB
	BRACE, WOVEN WIRE (PIPE) TYPE B	58014M	34	24		METER	BRACE WW PIPE TB
	BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58015	34	24		LINFT	BRACE CHLF VCGV TY B
	BRACE, HORIZONTAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58015M	34	24		METER	BRACE CHLF VCGV TY B
D	POST, TERMINAL, CHAIN LINK (PIPE) ALUMINUM	58101				EA	POST TERM CHLF AL P
D	POST, TERMINAL, CHAIN LINK (SQ. TUBE) ALUMINUM	58102				EA	POST TERM CHLF AL SQ
D	POST, TERMINAL, CHAIN LIN (ROLL FORM) ALUMINUM	58103				EA	POST TERM CHLF RF AL
	POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL	58104	34	24		EA	POST TERM CHLF GV P
	POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL	58104M	34	24		EA	POST TERM CHLF GV P
D	POST, TERMINAL, CHAIN LINK (SQ. TUBE) GALVANIZED STEEL	58105				EA	POST TERM CHLF GV SQ
D	POST, TERMINAL, CHAIN LINK (SQ. TUBE) GALVANIZED STEEL	58105M				EA	POST TERM CHLF GV SQ
	POST, TERMINAL, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58106				EA	POST TERM CHLF GV RF
	POST, TERMINAL, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58106M				EA	POST TERM CHLF GV RF
D	POST, LINE, CHAIN LINK (PIPE) ALUMINUM	58107				EA	POST LINE CHLF AL P
D	POST, LINE, CHAIN LINK (PIPE) ALUMINUM	58107M				EA	POST LINE CHLF AL P
D	POST, LINE, CHAIN LINK (H) ALUMINUM	58108				EA	POST LIN CHLF AL H
D	POST, LINE, CHAIN LINK (I) ALUMINUM	58109				EA	POST LINE CHLF AL I
D	POST, LINE, CHAIN LINK (U) ALUMINUM	58110				EA	POST LINE CHLF AL U
	POST, LINE, GALVANIZED STEEL CHAIN LINK (PIPE)	58111	34	24		EA	POST LINE CHLGV P
	POST, LINE, GALVANIZED STEEL CHAIN LINK (PIPE)	58111M	34	24		EA	POST LINE CHLGV P

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MATERIAL GROUP: 575 FENCING

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POST, LINE, GALVANIZED STEEL CHAIN LINK (H)	58112				EA	POST LINE CHLGV H
D	POST, LINE, GALVANIZED STEEL CHAIN LINK (H)	58112M				EA	POST LINE CHLGV H
	POST, LINE, GALVANIZED STEEL CHAIN LINK (I)	58113				EA	POST LINE CHLGV I
	POST, LINE, GALVANIZED STEEL CHAIN LINK (I)	58113M				EA	POST LINE CHLGV I
	POST, LINE, GALVANIZED STEEL CHAIN LINK (U)	58114				EA	POST LINE CHLGV U
	POST, LINE, GALVANIZED STEEL CHAIN LINK (U)	58114M				EA	POST LINE CHLGV U
D	POST, GATE, CHAIN LINK (PIPE) ALUMINUM	58115	14	24		EA	POST GATE CHLAL P
D	POST, GATE, CHAIN LINK (SQ. TUBE) ALUMINUM	58116	14	24		EA	POST GATE CHLAL SQT B
	POST, GATE, CHAIN LINK (PIPE) GALVANIZED STEEL	58117	34	24		EA	POST GATE CHLGV P
	POST, GATE, CHAIN LINK (PIPE) GALVANIZED STEEL	58117M	34	24		EA	POST GATE CHLGV P
D	POST, GATE, CHAIN LINK (SQ. TUBE) GALVANIZED STEEL	58118	14	24		EA	POST GATE CHLGV SQT B
D	POST, GATE, CHAIN LINK (SQ. TUBE) GALVANIZED STEEL	58118M	14	24		EA	POST GATE CHLGV SQT B
D	POST, GATE, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58119	34	24		EA	POST GATE CHLF GV RF
D	POST, GATE, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58119M	34	24		EA	POST GATE CHLF GV RF
	POST, LINE, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58120	34	24		EA	POST LINE CHLF GV RF
	POST, LINE, CHAIN LINK (ROLL FORM) GALVANIZED STEEL	58120M	34	24		EA	POST LINE CHLF GV RF
	POST TOP, CHAIN LINK, GALVANIZED STEEL	58121				EA	POST TOP CHLGV
	POST TOP, CHAIN LINK, GALVANIZED STEEL	58121M				EA	POST TOP CHLGV
	POST, TERMINAL, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL	58122	34	24		EA	POST TERM CLF VCGV P
	POST, TERMINAL, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL	58122M	34	24		EA	POST TERM CLF VCGV P
	POST, LINE, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL	58123	34	24		EA	POST LINE CLF VCGV P
	POST, LINE, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL	58123M	34	24		EA	POST LINE CLF VCGV P
	POST, GATE, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL	58124	34	24		EA	POST GATE CLF VCGV P
	POST, GATE, VINYL COATED CHAIN LINK PIPE GALVANIZED STEEL	58124M	34	24		EA	POST GATE CLF VCGV P

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MATERIAL GROUP: 575 FENCING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POST,LINE,VINYL COATED CHAIN LINK (ROLL FORM) GALVINIZED STEEL	58125				EA	POST LINE CHLF VCGV
D	POST,LINE,VINYL COATED CHAIN LINK (ROLL FORM) GALVINIZED STEEL	58125M				EA	POST LINE CHLF VCGV
D	POST, TERMINAL, CHAIN LINK (PIPE) ALUMINIZED STEEL	58126				EA	POST TRM CHLF ALSTP
D	POST, LINE, CHAIN LINK (PIPE) ALUMINIZED STEEL	58127				EA	POST LIN CHLF ALST P
D	POST, GATE, CHAIN LINK (PIPE) ALUMINIZED STEEL	58128				EA	POST GAT CHLF ALST P
D	POST, TERMINAL, CHAIN LINK (PIPE) ALUMINIZED STEEL	58129				EA	POST TRM CHLF ALST P
D	POST, TERMINAL, CHAIN LINK (PIPE) ALUMINIZED STEEL	58129M				EA	POST TRM CHLF ALST P
D	POST, LINE, CHAIN LINK (PIPE) ALUMINIZED STEEL	58130				EA	POST LIN CHLF ALST P
D	POST, LINE, CHAIN LINK (PIPE) ALUMINIZED STEEL	58130M				EA	POST LIN CHLF ALST P
D	POST, GATE, CHAIN LINK (PIPE) ALUMINIZED	58131				EA	POST GAT CHLF ALST P
D	POST, GATE, CHAIN LINK (PIPE) ALUMINIZED	58131M				EA	POST GAT CHLF ALST P
	POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL TYPE B	58132	34	24		EA	POST TERM CHLFGV TB
	POST, TERMINAL, CHAIN LINK (PIPE) GALVANIZED STEEL TYPE B	58132M	34	24		EA	POST TERM CHLFGV TB
	POST, LINE, GALVANIZED STEEL CHAIN LINK (PIPE) TYPE B	58133	34	24		EA	POST LINE CHLGV P TB
	POST, LINE, GALVANIZED STEEL CHAIN LINK (PIPE) TYPE B	58133M	34	24		EA	POST LINE CHLGV P TB
	POST, GATE, CHAIN LINK, (PIPE) GALVANIZED STEEL TYPE B	58134	34	24		EA	POST GATE CHLGV P TB
	POST, GATE, CHAIN LINK, (PIPE) GALVANIZED STEEL TYPE B	58134M	34	24		EA	POST GATE CHLGV P TB
	POST, TERMINAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58135	34	24		EA	POST TERM VCGVCL TYB
	POST, TERMINAL, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58135M	34	24		EA	POST TERM VCGVCL TYB
	POST, LINE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58136	34	24		EA	POST LINE VCGVCL TYB
	POST, LINE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58136M	34	24		EA	POST LINE VCGVCL TYB
	POST, GATE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58137	34	24		EA	POST GATE VCGVCL TYB
	POST, GATE, VINYL COATED GALVANIZED CHAIN LINK (TYPE B)	58137M	34	24		EA	POST GATE VCGVCL TYB
	POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE)	58201	34	24		EA	POST TERM GVWW P

SEQ: MATCODE

MATERIAL GROUP: 575 FENCING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE)	58201M	34	24		EA	POST TERM GVWW P
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (SQ. TUBE)	58202				EA	POST TERM GVWW SQT B
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (SQ. TUBE)	58202M				EA	POST TERM GVWW SQT B
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (ANGLE)	58203				EA	POST TERM GVWW ANG
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (ANGLE)	58203M				EA	POST TERM GVWW ANG
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (STRUCTURAL SHAPE)	58204				EA	POST TERM GVWW STSH
D	POST, TERMINAL, GALVANIZED WOVEN WIRE (STRUCTURAL SHAPE)	58204M				EA	POST TERM GVWW STSH
D	POST, LINE, GALVANIZED WOVEN WIRE (PIPE)	58205	34	24		EA	POST LINE GVWW PIPE
D	POST, LINE, GALVANIZED WOVEN WIRE (PIPE)	58205M	34	24		EA	POST LINE GVWW PIPE
D	POST, LINE, GALVANIZED WOVEN WIRE (SQ. TUBE)	58206				EA	POST LINE GVWW SQT B
D	POST, LINE, GALVANIZED WOVEN WIRE (SQ. TUBE)	58206M				EA	POST LINE GVWW SQT B
	POST, LINE, GALVANIZED WOVEN WIRE (STR. SHAPE)	58207				EA	POST LINE GVWW STSH
	POST, LINE, GALVANIZED WOVEN WIRE (STR. SHAPE)	58207M				EA	POST LINE GVWW STSH
	POST, GATE, GALVANIZED, WOVEN WIRE (PIPE)	58208	34	24		EA	POST GATE GVWW PIPE
	POST, GATE, GALVANIZED, WOVEN WIRE (PIPE)	58208M	34	24		EA	POST GATE GVWW PIPE
D	POST, GATE, GALVANIZED, WOVEN WIRE (SQ. TUBE)	58209	36	24		EA	POST GATE GVWW SQT B
D	POST, GATE, GALVANIZED, WOVEN WIRE (SQ. TUBE)	58209M	36	24		EA	POST GATE GVWW SQT B
D	POST, GATE, GALVANIZED, WOVEN WIRE (ANGLE)	58210	13X13X16	24		EA	POST GATE GVWW ANGLE
D	POST, GATE, GALVANIZED, WOVEN WIRE (ANGLE)	58210M	13X13X16	24		EA	POST GATE GVWW ANGLE
D	POST, GATE, GALVANIZED, WOVEN WIRE (STR. SHAPE)	58211	14	24		EA	POST GATE GVWW STSH
D	POST, GATE, GALVANIZED, WOVEN WIRE (STR. SHAPE)	58211M	14	24		EA	POST GATE GVWW STSH
D	POST, WOOD, WOVEN WIRE FENCE	58212	23			EA	POST WOOD WW FN
D	POST, WOOD, WOVEN WIRE FENCE	58212M	23			EA	POST WOOD WW FN
	POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58213	34	24		EA	POST TERM GVWW P TB

SEQ: MATCODE

MATERIAL GROUP: 575 FENCING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	POST, TERMINAL, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58213M	34	24		EA	POST TERM GVWW P TB
D	POST, LINE, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58214	34	24		EA	POST LINE GVWW P TB
D	POST, LINE, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58214M	34	24		EA	POST LINE GVWW P TB
D	POST, GATE, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58215	34	24		EA	POST GATE GVWW P TB
D	POST, GATE, GALVANIZED WOVEN WIRE (PIPE) TYPE B	58215M	34	24		EA	POST GATE GVWW P TB
D	POST, WOOD, REDWOOD FENCE	58301				EA	POST WOOD REDWOOD FN
D	POST, WOOD, REDWOOD FENCE	58301M				EA	POST WOOD REDWOOD FN
D	POST, WOOD, RUSTIC RAIL	58302				EA	POST WOOD RUST RAIL
D	POST, WOOD, RUSTIC RAIL	58302M				EA	POST WOOD RUST RAIL
	TENSION WIRE, GALVANIZED STEEL	58401				LINFT	TENSION WIRE GV STL
	TENSION WIRE, GALVANIZED STEEL	58401M				METER	TENSION WIRE GV STL
	TENSION WIRE, VINYL COATED	58402				LINFT	TENSION WIRE VIN CT
	TENSION WIRE, VINYL COATED	58402M				METER	TENSION WIRE VIN CT
D	TENSION WIRE, ALUMINUM	58403				LINFT	TENSION WIRE AL
	TENSION WIRE, ALUM COATED	58404				LINFT	TENSION WIRE AL CT
	TENSION WIRE, ALUM COATED	58404M				METER	TENSION WIRE AL CT
	GATE, CHAIN LINK, SINGLE	58501	18	19		EA	GATE CHL CHLF SING
	GATE, CHAIN LINK, SINGLE	58501M	18	19		EA	GATE CHL CHLF SING
	GATE, CHAIN LINK, DOUBLE	58502	18	19		EA	GATE CHL CHLF DOUB
	GATE, CHAIN LINK, DOUBLE	58502M	18	19		EA	GATE CHL CHLF DOUB
D	GATE, CHAIN LINK, MODIFIED	58503	18	19		EA	GATE CHL CHLF MOD
D	GATE, CHAIN LINK, MODIFIED	58503M	18	19		EA	GATE CHL CHLF MOD
	GATE, CHAIN LINK, SPECIAL	58504	18	19		EA	GATE CHL CHLF SPEC
	GATE, CHAIN LINK, SPECIAL	58504M	18	19		EA	GATE CHL CHLF SPEC

SEQ: MATCODE

MATERIAL GROUP: 575 FENCING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GATE, WOVEN WIRE, SINGLE	58505	18	19		EA	GATE WW SINGLE
	GATE, WOVEN WIRE, SINGLE	58505M	18	19		EA	GATE WW SINGLE
	GATE, WOVEN WIRE, DOUBLE	58506	18	19		EA	GATE WW DOUBLE
	GATE, WOVEN WIRE, DOUBLE	58506M	18	19		EA	GATE WW DOUBLE
D	GATE, WOVEN WIRE, MODIFIED	58507	18	19		EA	GATE WW MODIFIED
D	GATE, WOVEN WIRE, MODIFIED	58507M	18	19		EA	GATE WW MODIFIED
D	GATE, WOVEN WIRE, SPECIAL	58508	18	19		EA	GATE WW SPEC
D	GATE, WOVEN WIRE, SPECIAL	58508M	18	19		EA	GATE WW SPEC
D	GATE, FRAME, WOVEN WIRE	58509	34	24		EA	GATE FR WOVEN WIRE
D	GATE, FRAME, WOVEN WIRE	58509M	34	24		EA	GATE FR WOVEN WIRE
D	GATE, FRAME, CHAIN LINK	58510	34	24		EA	GATE FR CHAIN LINK
D	GATE, FRAME, CHAIN LINK	58510M	34	24		EA	GATE FR CHAIN LINK
	GATE TUBULAR STEEL	58511				EA	GATE TUBULAR STL
	GATE TUBULAR STEEL	58511M				EA	GATE TUBULAR STL
D	TIES, FABRIC CHAIN LINK FENCE	58601				EA	TIES FABRIC CHLF
D	TIES, FABRIC CHAIN LINK FENCE	58601M				EA	TIES FABRIC CHLF
D	STAPLES, WOVEN WIRE FENCE	58602				EA	STABLES WWF
D	STAPLES, WOVEN WIRE FENCE	58602M				EA	STABLES WWF
D	FASTENERS, WOVEN WIRE FENCE	58603				EA	FASTENERS WWF
D	FASTENERS, WOVEN WIRE FENCE	58603M				EA	FASTENERS WWF
	GLARE GUARD	58604				LINFT	GLARE GUARD
	GLARE GUARD	58604M				METER	GLARE GUARD
D	POST, GLARE GUARD, PAINTED CHANNEL	58605				EA	POST GLGRD PNT CHAN
D	POST, GLARE GUARD, PAINTED CHANNEL	58605M				EA	POST GLGRD PNT CHAN

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REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	HOG RINGS	58606				EA	HOG RINGS
D	HOG RINGS	58606M				EA	HOG RINGS
D	STRAPS, GLARE GUARD, STAINLESS STEEL	58607				EA	STRAP GLGRD STSTL
D	STRAPS, GLARE GUARD, STAINLESS STEEL	58607M				EA	STRAP GLGRD STSTL
D	CLAMP, GLARE GUARD, STAINLESS STEEL	58608				EA	CLAMP GLGRD STSTL
D	CLAMP, GLARE GUARD, STAINLESS STEEL	58608M				EA	CLAMP GLGRD STSTL
D	FERRULES, GLARE GUARD	58609				EA	FERRULE GLGRD
D	FERRULES, GLARE GUARD	58609M				EA	FERRULE GLGRD
D	SLAT, PRIVACY, CHAIN LINK FENCE, GALV., STEEL	58610				LINFT	SLAT PRIVACY GSTCHLF
D	SLAT, PRIVACY, CHAIN LINK FENCE, GALV., STEEL	58610M				METER	SLAT PRIVACY GSTCHLF
D	SLAT, PRIVACY, CHAIN LINK FENCE, WOOD	58611				LINFT	SLAT PRIVACY WDCHLF
D	SLAT, PRIVACY, CHAIN LINK FENCE, WOOD	58611M				METER	SLAT PRIVACY WDCHLF
D	TENSION CABLE, GALVANIZED STEEL	58612	14			LINFT	TENSIONCABLE-GV STL
D	TENSION CABLE, GALVANIZED STEEL	58612M	14			METER	TENSIONCABLE-GV STL
D	SLAT, PRIVACY, CHAIN LINK FENCE, PLASTIC	58613				SQFT	SLAT PRIVACY PLACHLF
D	SLAT, PRIVACY, CHAIN LINK FENCE, PLASTIC	58613M				SQ M	SLAT PRIVACY PLACHLF

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SHEET, ALUMINUM, ASTM B 209, ALLOY 6061-T6	60101	16	89		SQFT	SHEET AL 209A6061-T6
	SHEET, ALUMINUM, ASTM B 209M, ALLOY 6061-T6	60101M	16	89		SQ M	SHEET AL 209M6061-T6
D	SHEET, ALUMINUM, ASTM B 209, ALLOY 5086-H36	60102	16	13X12		SQFT	SHEET AL 209A5086H36
D	SHEET, ALUMINUM, ASTM B 209M, ALLOY 5086-H36	60102M	16	13X12		SQ M	SHEET AL 209M5086H36
D	SIGN BLANKS, ASTM B 209 ALLOY 6061-T6	60103	16	13X12/14		EA	SIGN BLANK 6061-T6
D	SIGN BLANKS, ASTM B 209M ALLOY 6061-T6	60103M	16	13X12/14		EA	SIGN BLANK 6061-T6
D	SIGN BLANKS, ASTM B 209 ALLOY 5086-H36	60104	16	13X12/14		EA	SIGN BLANK 5086-H36
D	SIGN BLANKS, ASTM B 209M ALLOY 5086-H36	60104M	16	13X12/14		EA	SIGN BLANK 5086-H36
D	SIGN BLANKS, ASTM B 209 ALLOY 5052-H36	60105	16	13X12/14		EA	SIGN BLANK 5052-H36
D	SIGN BLANKS, ASTM B 209M ALLOY 5052-H36	60105M	16	13X12/14		EA	SIGN BLANK 5052-H36
	SHEET ALUMINUM, ASTM B 209, ALLOY 5052-H38	60106	16	89		SQFT	SHEET AL 209A5052H38
	SHEET ALUMINUM, ASTM B 209M, ALLOY 5052-H38	60106M	16	89		SQ M	SHEET AL 209M5052H38
D	SIGN BLANKS, ASTM B 209 ALLOY 5052-H38	60107	16	13X12/14		EA	SIGN BLANK 5052-H38
D	SIGN BLANKS, ASTM B 209M ALLOY 5052-H38	60107M	16	13X12/14		EA	SIGN BLANK 5052-H38
D	SHEET ALUMINUM, ASTM B 209, ALLOY 5052-H36	60108	16	13X12		SQFT	SHEET AL 209A5052H36
D	SHEET ALUMINUM, ASTM B 209M, ALLOY 5052-H36	60108M	16	13X12		SQ M	SHEET AL 209M5052H36
D	SHEET ALUMINUM, ASTM B 209, ALLOY 3003-H14	60109	16	13X12/14		SQFT	SHEET AL 209A3003H14
D	SHEET ALUMINUM, ASTM B 209M, ALLOY 3003-H14	60109M	16	13X12/14		SQ M	SHEET AL 209M3003H14
	EXTRUSION, ALUMINUM, ASTM B221, ALLOY 6063-T6	60110	16			SQFT	EXTRUSION AL B221
	EXTRUSION, ALUMINUM, ASTM B221M, ALLOY 6063-T6	60110M	16			SQ M	EXTRUSION AL B221M
D	SHEET ALUMINUM, ASTM B 744, ALLOY 3004-H32	60111	16	13X12		SQFT	SHEET AL 744A3004H32
D	SHEET ALUMINUM, ASTM B 744, ALLOW 3004-H32	60111M	16	13X12		SQ M	SHEET AL 744A3004H32
	SHEETING, REFLECTIVE	60201	37	35		SQFT	SHEETING REFLECTIVE
	SHEETING, REFLECTIVE	60201M	37	35		SQ M	SHEETING REFLECTIVE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	FACE, SIGN, REFLECTIVE SHEETING	60202	6	32	35	EA	FACE SIGN REF SHEET
D	SHEETING, NONREFLECTIVE	60301	37		32	SQFT	SHEETING NONREFLEC
D	SHEETING, NONREFLECTIVE	60301M	37		32	SQ M	SHEETING NONREFLEC
	BEADS, GLASS, PAVEMENT LINE MARKING	60401				LB	BEAD GL PVTLMK
	BEADS, GLASS, PAVEMENT LINE MARKING	60401M				KG	BEAD GL PVTLMK
D	BEADS, GLASS, THERMOPLASTIC PAVEMENT LINE MARKING	60402				LB	BEAD GL TH PVTLMK
D	BEADS, GLASS, FLOATING, PAVEMENT LINE MARKING (M-107)	60403				LB	BEAD GL FO PVTLMK
D	BEADS, GLASS, FLOATING, PAVEMENT LINE MARKING (M-107)	60403M				KG	BEAD GL FO PVTLMK
D	BEADS, GLASS, CURB MARKING	60404				LB	BEAD GL CURB MK
D	BEADS, GLASS, (TTB 1325A TYPE 2)	60405				LB	BEAD GL TTB 1325ATY2
D	BEADS, GLASS, (TTB 1325A TYPE 2)	60405M				KG	BEAD GL TTB 1325ATY2
D	BEADS, GLASS, (TTB 1325A TYPE 1)	60406				LB	BEAD GL TTB 1325ATY1
D	BEADS, GLASS, (TTB 1325A TYPE 1)	60406M				KG	BEAD GL TTB 1325ATY1
	BEADS, GLASS, EPOXY PAVEMENT MARKING	60407				LB	BEAD GL EP PVMTMRK
	BEADS, GLASS, EPOXY PAVEMENT MARKING	60407M				KG	BEAD GL EP PVMTMRK
D	BEADS, GLASS, MEDIUM INDEX, PAVEMENT MARKING	60408				LB	BEAD GL MDIX PVMTMRK
D	BEAD, GLASS (TTB 1325A TYPE 3)	60409				LB	BEAD GL TTB 1325ATY3
D	BEAD, GLASS (TTB 1325A TYPE 3)	60409M				KG	BEAD GL TTB 1325ATY3
	BEADS, GLASS, REFLECTIVE ELEMENTS, WHITE	60410				LB	BEAD GL REFL ELEM WH
	BEADS, GLASS, REFLECTIVE ELEMENTS, YELLOW	60411				LB	BEAD GL REFL ELEM YL
D	POST, DELINEATOR, ALUMINUM CHANNEL	60501	12		35	PC	POST DELIN ALCH
D	POST, DELINEATOR, ALUMINUM CHANNEL	60501M	12		35	EA	POST DELIN ALCH
D	POST, MARKER, ALUMINUM CHANNEL	60502	12		35	PC	POST MARKER ALCH
D	POST, MARKER, ALUMINUM CHANNEL	60502M	12		35	EA	POST MARKER ALCH

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POST, SIGN, ALUMINUM CHANNEL	60503	12		35	PC	POST SIGN ALCH
D	POST, SIGN, ALUMINUM CHANNEL	60503M	12		35	EA	POST SIGN ALCH
	POST, DELINEATOR, GALV. STEEL CHANNEL	60601	12			PC	POST DELIN GV STCH
	POST, DELINEATOR, GALV. STEEL CHANNEL	60601M	12			EA	POST DELIN GV STCH
	POST, MARKER, GALV. STEEL, CHANNEL	60602	12			PC	POST MARKER GV STCH
	POST, MARKER, GALV. STEEL, CHANNEL	60602M	12			EA	POST MARKER GV STCH
	POST, SIGN, GALV. STEEL CHANNEL	60603	12			PC	POST SIGN GV STCH
	POST, SIGN, GALV. STEEL CHANNEL	60603M	12			EA	POST SIGN GV STCH
D	POST, DELINEATOR, ENAM. STEEL CHANNEL	60604	12		35	PC	POST DELIN EN STCH
D	POST, DELINEATOR, ENAM. STEEL CHANNEL	60604M	12		35	EA	POST DELIN EN STCH
D	POST, MARKER, ENAM. STEEL CHANNEL	60605	12		35	PC	POST MARKER EN STCH
D	POST, MARKER, ENAM. STEEL CHANNEL	60605M	12		35	EA	POST MARKER EN STCH
	POST, SIGN, ENAM. STEEL CHANNEL	60606	12			PC	POST SIGN EN STCH
	POST, SIGN, ENAM. STEEL CHANNEL	60606M	12			EA	POST SIGN EN STCH
D	POST, DELINEATOR, GALV. STEEL, CHANNEL-2 PIECE FLEXIBLE	60607				PC	POST DEL GVSTCH 2PCF
D	POST, DELINEATOR, GALV. STEEL, CHANNEL-2 PIECE FLEXIBLE	60607M				EA	POST DEL GVSTCH 2PCF
	POST, DELINEATOR, STEEL CHANNEL	60608				PC	POST DELIN STCH
	POST, DELINEATOR, STEEL CHANNEL	60608M				EA	POST DELIN STCH
	POST, STRUCTURAL STEEL SHAPE, GRADE 36	60701	15	24	12	LB	POST STL STSH GR 36
	POST, STRUCTURAL STEEL SHAPE, GRADE 36	60701M	15	24	12	KG	POST STL STSH GR 36
	STUB, STRUCTURAL STEEL	60702	15	24	12	LB	STUB STR STL
	STUB, STRUCTURAL STEEL	60702M	15	24	12	KG	STUB STR STL
D	POST, TUBULAR, ROUND ASTM A 53	60801	14X28	12	35&30	LB	POST TB ROUND A53
D	POST, TUBULAR, ROUND ASTM A 53	60801M	14X28	12	35&30	KG	POST TB ROUND A53

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	POST, TUBULAR, ROUND ASTM A 500	60802	14X28	12	30	LB	POST TB ROUND A500
D	POST, TUBULAR, ROUND ASTM A 500	60802M	14X28	12	30	KG	POST TB ROUND A500
D	POST, TUBULAR, ROUND ASTM A 501	60803	14X28	12		LB	POST TB ROUND A501
D	POST, TUBULAR, ROUND ASTM A 501	60803M	14X28	12		KG	POST TB ROUND A501
D	STUB, TUBULAR, ROUND	60804	14X28	12		LB	STUB TUBULAR ROUND
D	STUB, TUBULAR, ROUND	60804M	14X28	12		KG	STUB TUBULAR ROUND
	POST, TUBULAR, RECTANGLE, ASTM A500	60901	87	28	12	LB	POST TB RECT A500
	POST, TUBULAR, RECTANGLE, ASTM A500	60901M	87	28	12	KG	POST TB RECT A500
D	POST, TUBULAR, RECTANGLE, ASTM A501	60902	13X11	28-12		LB	POST TB RECT A501
D	POST, TUBULAR, RECTANGLE, ASTM A501	60902M	13X11	28-12		KG	POST TB RECT A501
	POST, TUBULAR, SQUARE, TELESCOPING	60903	13	28	12	LINFT	POST TB SQ TEL
	POST, TUBULAR, SQUARE, TELESCOPING	60903M	13	28	12	METER	POST TB SQ TEL
	STUB, TUBULAR RECTANGLE	60904	87	28	12	LB	STUB TUBULAR RECT
	STUB, TUBULAR RECTANGLE	60904M	87	28	12	KG	STUB TUBULAR RECT
D	BRACKET, EXIT PANEL MOUNTING,TYPE B	60905				EA	BRACKET EXPANEL TYB
D	BRACKET, EXIT PANEL MOUNTING,TYPE B	60905M				EA	BRACKET EXPANEL TYB
	BASE, TELESCOPING STEEL SIGN SUPPORT	60906				EA	BASE TELE ST SIGN SP
	BASE, TELESCOPING STEEL SIGN SUPPORT	60906M				EA	BASE TELE ST SIGN SP
	POST, WOOD	61001	81	12	23	LINFT	POST WOOD
	POST, WOOD	61001M	81	12	23	METER	POST WOOD
D	PIPE, STEEL, ASTM A53, GRADE B FOR OVERHEAD STRUCTURE	61101	14X24	12		LINFT	PIPE ST A53 GRB
D	PIPE, STEEL, ASTM A53, GRADE B FOR OVERHEAD STRUCTURE	61101M	14X24	12		METER	PIPE ST A53 GRB
D	PIPE, AL, ASTM B211, ALLOY 6061-T61 FOR OVERHEAD STRUCTURE	61102	14X24	12		LINFT	PIPE AL B2216061T61
D	PIPE, AL, ASTM B211M,ALLOY 6061-T61 FOR OVERHEAD STRUCTURE	61102M	14X24	12		METER	PIPE AL B221M6061T61

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	FLANGE SPLICING, STEEL TRUSS, AASHTO M-183	61103	14X14	16		EA	FLANGE SPL STTR M183
D	FLANGE SPLICING, STEEL TRUSS, AASHTO M183M	61103M	14X14	16		EA	FLANGE SP STTR M183M
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B-26 ALLOY 356-T7	61104	14X14	16		EA	FLANGE SPL ALTR B26
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B26M ALLOY 356-T7	61104M	14X14	16		EA	FLANGE SP ALTR B26M
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B-209 ALLOY 6061-T651	61105	14X14	16		EA	FLANGE SPL ALTR B209
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B209M ALLOY 6061-T651	61105M	14X14	16		EA	FLANGE SP ALTR B209M
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B-221 ALLOY 6061-T6	61106	14X14	16		EA	FLANGE SPL ALTR B221
D	FLANGE SPLICING, ALUMINUM TRUSS, ASTM B221M ALLOY 6061-T6	61106M	14X14	16		EA	FLANGE SP ALTR B221M
D	REFLECTOR FOR DELINEATOR, TYPE A	61201	37	40		PC	REFLECTOR DELIN TYA
D	REFLECTOR FOR DELINEATOR, TYPE A	61201M	37	40		EA	REFLECTOR DELIN TYA
D	REFLECTOR FOR DELINEATOR, TYPE B	61202	37			PC	REFLECTOR DELIN TYB
D	REFLECTOR FOR DELINEATOR, TYPE B	61202M	37			EA	REFLECTOR DELIN TYB
D	DELINEATOR ACCESSORY	61203				PC	DELINEATOR ACCESSORY
D	DELINEATOR ACCESSORY	61203M				EA	DELINEATOR ACCESSORY
	REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE A	61204				EA	REFLECTOR G&B TYA
	REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE A	61204M				EA	REFLECTOR G&B TYA
	REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE B	61205				EA	REFLECTOR G&B TYB
	REFLECTOR, GUARDRAIL & BARRIER WALL, TYPE B	61205M				EA	REFLECTOR G&B TYB
	REFLECTOR, GUARDRIL & BARRIER WALL, TYPE C	61206				EA	REFLECTOR G&B TYC
	REFLECTOR, GUARDRIL & BARRIER WALL, TYPE C	61206M				EA	REFLECTOR G&B TYC
	REFLECTOR, FOR DELINEATOR	61207				EA	REFLECTOR DELINEATOR
	REFLECTOR, FOR DELINEATOR	61207M				EA	REFLECTOR DELINEATOR
	REFLECTOR, CURB	61208				EA	REFLECTOR CURB
	REFLECTOR, CURB	61208M				EA	REFLECTOR CURB

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	TRAFFIC PROTECTION MATERIALS	61300	22			LSUM	TRAFFIC PROT MATLS
D	TRAFFIC PROTECTION MATERIALS	61300M	22			LSUM	TRAFFIC PROT MATLS
	SIGN, STANDARD-SPECIAL	61301	22			EA	SIGN STANDARD-SPEC
	SIGN, STANDARD-SPECIAL	61301M	22			EA	SIGN STANDARD-SPEC
	SIGN PANELS, COMPLETE	61302	22			SQFT	SIGN PANELS COMPLETE
	SIGN PANELS, COMPLETE	61302M	22			SQ M	SIGN PANELS COMPLETE
	OVERHEAD SIGN STRUCTURE & WALKWAYS (LINFT)	61303	22			LINFT	OVHEAD SIGN S&W LINFT
	OVERHEAD SIGN STRUCTURE & WALKWAYS (METERS)	61303M	22			METER	OVHEAD SIGN S&W MTR
D	SIGNING LEGEND, LETTERS, NUMERAL, SYMBOLS, ETC.	61304	22			EA	SIGN LEGEND LNS ETC
D	SIGNING LEGEND, LETTERS, NUMERAL, SYMBOLS, ETC.	61304M	22			EA	SIGN LEGEND LNS ETC
D	SIGNING LEGEND-BORDERS	61305	22			LINFT	SIGN LEGEND BORDER
D	SIGNING LEGEND-BORDERS	61305M	22			METER	SIGN LEGEND BORDER
	POST, MONOTUBE	61306	22			EA	POST MONOTUBE
	POST, MONOTUBE	61306M	22			EA	POST MONOTUBE
D	MARKER, REFERENCE	61307				EA	MARKER REFERENCE
D	MARKER, REFERENCE	61307M				EA	MARKER REFERENCE
D	STANDARD SIGNS, PLYWOOD, TYPE 1	61308	6	16		EA	STD SIGN PLYWOOD TY1
D	STANDARD SIGNS, PLYWOOD, TYPE 1	61308M	6	16		EA	STD SIGN PLYWOOD TY1
D	STANDARD SIGNS, PLYWOOD, TYPE 2	61309	6	16		EA	STD SIGN PLYWOOD TY2
D	STANDARD SIGNS, PLYWOOD, TYPE 2	61309M	6	16		EA	STD SIGN PLYWOOD TY2
D	STANDARD SIGNS, PLYWOOD, TYPE 3	61310	6	16		EA	STD SIGN PLYWOOD TY3
D	STANDARD SIGNS, PLYWOOD, TYPE 3	61310M	6	16		EA	STD SIGN PLYWOOD TY3
D	STANDARD SIGNS, METAL, TYPE 1	61311	6	16		EA	STD SIGN METAL TY 1
D	STANDARD SIGNS, METAL, TYPE 1	61311M	6	16		EA	STD SIGN METAL TY 1

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STANDARD SIGNS, METAL, TYPE 2	61312	6	16		EA	STD SIGN METAL TY 2
D	STANDARD SIGNS, METAL, TYPE 2	61312M	6	16		EA	STD SIGN METAL TY 2
D	STANDARD SIGNS, METAL, TYPE 3	61313	6	16		EA	STD SIGN METAL TY 3
D	STANDARD SIGNS, METAL, TYPE 3	61313M	6	16		EA	STD SIGN METAL TY 3
D	EXTRUSIONS (SIGNING)	61314				LINFT	EXTRUSIONS
D	EXTRUSIONS (SIGNING)	61314M				METER	EXTRUSIONS
D	PANEL, SIGN, WELDED ALUMINUM	61315	16			SQFT	PANEL SIGN WLD AL
D	PANEL, SIGN, WELDED ALUMINUM	61315M	16			SQ M	PANEL SIGN WLD AL
D	PANEL, SIGN, PLYWOOD	61316	16			SQFT	PANEL SIGN PLYWOOD
D	PANEL, SIGN, PLYWOOD	61316M	16			SQ M	PANEL SIGN PLYWOOD
D	BORDERS	61317	16	13		LINFT	BORDERS
D	BORDERS	61317M	16	13		METER	BORDERS
D	PANEL, SIGN, EXTRUDED ALUMINUM	61318	16			SQFT	PANEL SIGN EX AL
D	PANEL, SIGN, EXTRUDED ALUMINUM	61318M	16			SQ M	PANEL SIGN EX AL
D	LEGEND	61319	58	11		EA	LEGEND
D	LEGEND	61319M	58	11		EA	LEGEND
D	LEGEND, DEMOUNTABLE	61320	58	11		EA	LEGEND DEMOUNT
D	LEGEND, DEMOUNTABLE	61320M	58	11		EA	LEGEND DEMOUNT
D	FRAME, LEGEND, EMBOSSED, ALUMINUM	61321				EA	FRAME EMB AL
D	FRAME, LEGEND, EMBOSSED, ALUMINUM	61321M				EA	FRAME EMB AL
D	FRAME, LEGEND, FLAT, ALUMINUM	61322				EA	FRAME FLAT AL
D	FRAME, LEGEND, FLAT, ALUMINUM	61322M				EA	FRAME FLAT AL
D	PLATE, REFERENCE	61323				EA	PLATE REFERENCE
D	PLATE, REFERENCE	61323M				EA	PLATE REFERENCE

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	REFLECTOR, PRISMATIC	61324				EA	REFLECTOR PRISMATIC
D	REFLECTOR, PRISMATIC	61324M				EA	REFLECTOR PRISMATIC
D	DRUMS	61325				EA	DRUMS
D	DRUMS	61325M				EA	DRUMS
	CONES, TRAFFIC, POLY VINYL CHLORIDE	61326				EA	CONES TRAFFIC PVC
	CONES, TRAFFIC, POLY VINYL CHLORIDE	61326M				EA	CONES TRAFFIC PVC
	BARRICADE	61327				EA	BARRICADE
	BARRICADE	61327M				EA	BARRICADE
D	CONES, RUBBER	61328				EA	CONE RUBBER
D	CONES, RUBBER	61328M				EA	CONE RUBBER
D	CHANNEL, SIGN MOUNTING, GALV. STEEL	61329	11	13	16	LINFT	CHANNEL SIGN MT GVST
D	CHANNEL, SIGN MOUNTING, GALV. STEEL	61329M	11	13	16	METER	CHANNEL SIGN MT GVST
D	CHANNEL, SIGN MOUNTING, ALUM	61330	11	13	16	LINFT	CHANNEL SIGN MT ALUM
D	CHANNEL, SIGN MOUNTING, ALUM	61330M	11	13	16	METER	CHANNEL SIGN MT ALUM
D	MARKER, OBJECT	61331	32	60		EA	MARKER OBJECT
D	MARKER, OBJECT	61331M	32	60		EA	MARKER OBJECT
D	SIGNING COMPONENTS	61332	22			EA	SIGNING COMPONENTS
D	SIGNING COMPONENTS	61332M	22			EA	SIGNING COMPONENTS
D	REFLECTOR-DELINEATOR, BARRIER	61333				EA	REFLEC-DELIN BARRIER
D	REFLECTOR-DELINEATOR, BARRIER	61333M				EA	REFLEC-DELIN BARRIER
D	CONES, TRAFFIC, EVA COPLYMER	61334				EA	CONES TRAFFIC EVA
D	CONES, TRAFFIC, EVA COPLYMER	61334M				EA	CONES TRAFFIC EVA
D	TRUSS, SUPPORT	61335	22			EA	SUPPORT TRUSS
D	TRUSS, SUPPORT	61335M	22			EA	SUPPORT TRUSS

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D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CONE, TRAFFIC, DELENTAGUIDE	61336				EA	CONE TRAF DELENTAGDE
D	CONE, TRAFFIC, DELENTAGUIDE	61336M				EA	CONE TRAF DELENTAGDE
	CHANNELIZATION DRUM	61337				EA	CHANNELIZATION DRUM
	CHANNELIZATION DRUM	61337M				EA	CHANNELIZATION DRUM
D	OVERHEAD SIGN STRUCTURE & WALKWAYS (LB)	61338	22			LB	OVHEAD SIGN S&W LB
D	OVERHEAD SIGN STRUCTURE & WALKWAYS (KG)	61338M	22			KG	OVHEAD SIGN S&W KG
	OVERHEAD SIGN STRUCTURE-END SUPPORT	61339	22			EA	OVHEAD SIGN S-ENDSUP
	OVERHEAD SIGN STRUCTURE-END SUPPORT	61339M	22			EA	OVHEAD SIGN S-ENDSUP
	OVERHEAD SIGN STRUCTURE, CANTILEVER	61340	22			LINFT	OVHEAD SIGN S CANTIL
	OVERHEAD SIGN STRUCTURE, CANTILEVER	61340M	22			METER	OVHEAD SIGN S CANTIL
	OVERHEAD SIGN STRUCTURE, TRUSS	61341	22			LINFT	OVHEAD SIGN S TRUSS
	OVERHEAD SIGN STRUCTURE, TRUSS	61341M	22			METER	OVHEAD SIGN S TRUSS
D	REFLECTOR, DELINEATOR, CUBE CORNER	61342	37	32		EA	RFLTR DELIN CUBE CNR
D	REFLECTOR, DELINEATOR, CUBE CORNER	61342M	37	32		EA	RFLTR DELIN CUBE CNR
	TERMINAL MARKER, DIRECT APPLIED	61343				EA	TERM MARK DIR APPL
	TERMINAL MARKER, DIRECT APPLIED	61343M				EA	TERM MARK DIR APPL
	TERMINAL MARKER, POST MOUNTED	61344				EA	TERM MARK POST MTD
	TERMINAL MARKER, POST MOUNTED	61344M				EA	TERM MARK POST MTD
D	DELINEATOR DRUM, REFLECTIVE PLASTIC CONCRETE MEDIAN	61345				EA	DEL DRUM CONC MEDIAN
D	DELINEATOR DRUM, REFLECTIVE PLASTIC CONCRETE MEDIAN	61345M				EA	DEL DRUM CONC MEDIAN
	POST (FLEXIBLE) AND REFLECTOR, DELINEATOR	61346				EA	POST-REFL DELIN FLEX
	POST (FLEXIBLE) AND REFLECTOR, DELINEATOR	61346M				EA	POST-REFL DELIN FLEX
	MARKER, FLEXIBLE PAVEMENT, TEMPORARY	61347				EA	MARK FLEX PAVE TEMP
	MARKER, FLEXIBLE PAVEMENT, TEMPORARY	61347M				EA	MARK FLEX PAVE TEMP

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MASTER MATERIAL CODE DATA BASE LISTING BY MATERIAL CODE
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MATERIAL GROUP: 600 SIGNING

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
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SEQ: MATCODE

MATERIAL GROUP: 615 JOINT FILLERS, SEALERS, & EXPANSION DEVICES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	JOINT FILLER, PREFORMED BITUMINOUS, ORGANIC FIBRE	61601		12X13X16		LINFT	JFILLER PO BIT OFB
D	JOINT FILLER, PREFORMED BITUMINOUS, INORGANIC	61602		12X13X16		SQFT	JFILLER PO BIT INO
D	JOINT FILLER, PREFORMED BITUMINOUS, INORGANIC	61602M		12X13X16		SQ M	JFILLER PO BIT INO
D	JOINT FILLER, PREFORMED FIBRE	61603		12X13X16		LINFT	JFILLER PO FIBRE
D	JOINT FILLER, PREFORMED CLOSED CELL PLASTIC	61604		12X13X16		LINFT	JFILLER PO CL C PL
D	JOINT FILLER, PREFORMED CORK	61605		12X13X16		EA	JFILLER PO CORK
D	JOINT FILLER, PREFORMED SELF-EXPANDING CORK	61606		12X13X16		LINFT	JFILLER PO SE CORK
D	JOINT FILLER, PREFORMED SPONGE RUBBER	61607		12X13X16		LINFT	JFILLER PO SPGRUBBER
	JOINT FILLER, PREFORMED POLYCHLOROPRENE (ROD STOCK)	61608				LINFT	JFILLER PO PCH
D	JOINT FILLER, PREFORMED POLYCHLOROPRENE (ROD STOCK)	61608M				METER	JFILLER PO PCH
D	JOINT FILLER, PREFORMED BITUMINOUS, ORGANIC FIBRE	61609		12X13X16		SQFT	JFILLER PO BIT OFB
D	JOINT FILLER, PREFORMED BITUMINOUS, ORGANIC FIBRE	61609M		12X13X16		SQ M	JFILLER PO BIT OFB
	JOINT FILLER, PREFORMED FIBER	61610		88		SQFT	JFILLER PO FIBER
	JOINT FILLER, PREFORMED FIBER	61610M		88		SQ M	JFILLER PO FIBER
D	JOINT FILLER, PREFORMED CLOSED CELL, PLASTIC	61611		12X13X16		SQFT	JFILLER PO CLC PL
D	JOINT FILLER, PREFORMED CLOSED CELL, PLASTIC	61611M		12X13X16		SQ M	JFILLER PO CLC PL
D	JOINT FILLER, PREFORMED CORK	61612		12X13X16		SQFT	JFILLER PO CORK
D	JOINT FILLER, PREFORMED CORK	61612M		12X13X16		SQ M	JFILLER PO CORK
D	JOINT FILLER, PREFORMED SELF-EXPANDING CORK	61613		12X13X16		SQFT	JFILLER PO SE CORK
D	JOINT FILLER, PREFORMED SPONGE RUBBER	61614		12X13X16		SQFT	JFILLER PO SPGRUBBER
	JOINT FILLER, PREFORMED FLEXIBLE FOAM	61615		88		SQFT	JFILLER PO FLEX FOAM
	JOINT FILLER, PREFORMED FLEXIBLE FOAM	61615M		88		SQ M	JFILLER PO FLEX FOAM
	MASTIC, CONCRETE PIPE SEALER - TROWELABLE	61701				GAL	MASTIC CONC PSL TROW
	MASTIC, CONCRETE PIPE SEALER - TROWELABLE	61701M				LITER	MASTIC CONC PSL TROW

SEQ: MATCODE

MATERIAL GROUP: 615 JOINT FILLERS, SEALERS, & EXPANSION DEVICES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	MASTIC, CONCRETE PIPE SEALERS PREFORMED	61702				LINFT	MASTIC CONC PSL PO
D	GASKET, PREFORMED FLEXIBLE FOR SEWER & CULVERT PIPE	61703				EA	GASKET PO FLX
D	GASKET, PREFORMED FLEXIBLE FOR SEWER & CULVERT PIPE	61703M				EA	GASKET PO FLX
D	GASKET, PREFORMED FLEXIBLE FOR CONCRETE PIPE-BITUMEN	61704				LINFT	GASKET PR FLEX BIT
D	GASKET, PREFORMED FLEXIBLE FOR CONCRETE PIPE-BITUMEN	61704M				METER	GASKET PR FLEX BIT
D	GASKET, PREFORMED FLEXIBLE FOR CONCRETE PIPE-BUTYL RUBBER	61705				LINFT	GASKET PR FLEX BUTL
D	GASKET, PREFORMED FLEXIBLE FOR CONCRETE PIPE-BUTYL RUBBER	61705M				METER	GASKET PR FLEX BUTL
	GASKET, RUBBER	61706				EA	GASKET RUBBER
	GASKET, RUBBER	61706M				EA	GASKET RUBBER
D	WATER SEAL, COPPER	61801				LB	WATER SEAL COPPER
	WATER SEAL, P.V.C.	61802				LINFT	WATER SEAL PVC
	WATER SEAL, P.V.C.	61802M				METER	WATER SEAL PVC
D	WATER SEAL, RUBBER	61803				LINFT	WATER SEAL RUBBER
D	WATER SEAL, RUBBER	61803M				METER	WATER SEAL RUBBER
D	JOINT SEALER, COLD-POURED	61901				GAL	JSEALER CLD PRD
D	JOINT SEALER, HOT-POURED	61902				GAL	JSEALER HOT PRD
D	JOINT SEALER, 2-COMPONENT-COLD POURED	61903				GAL	JSEALER CLD PRD2
	JOINT SEALER, PREFORMED COMPRESSION, PAVEMENT	61904	13			LINFT	JOINT SEAL PRCOM PVT
	JOINT SEALER, PREFORMED COMPRESSION, PAVEMENT	61904M	13			METER	JOINT SEAL PRCOM PVT
	JOINT SEALER, PREFORMED COMPRESSION, BRIDGE	61905	13			LINFT	JOINT SEAL PRCOM BR
	JOINT SEALER, PREFORMED COMPRESSION, BRIDGE	61905M	13			METER	JOINT SEAL PRCOM BR
	JOINT SEALER, COLD-POURED	61906				LB	JSEALER CLD PRD
	JOINT SEALER, COLD-POURED	61906M				KG	JSEALER CLD PRD
	JOINT SEALER, HOT-POURED	61907				LB	JSEALER HOT PRD

SEQ: MATCODE MATERIAL GROUP: 615 JOINT FILLERS, SEALERS, & EXPANSION DEVICES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	JOINT SEALER, HOT-POURED	61907M				KG	JSEALER HOT PRD
D	JOINT SEALER, 2-COMPONENT-COLD POURED	61908				LB	JSEALER CLD PRD2
D	JOINT SEALER, 2-COMPONENT-COLD POURED	61908M				KG	JSEALER CLD PRD2
	JOINT SEALER, STRIP	61909	13			LINFT	JOINT SEALER, STRIP
	JOINT SEALER, STRIP	61909M				METER	JOINT SEALER, STRIP
	JOINT SEALER, SILICONE	61910				GAL	J SEALER SILICON
	JOINT SEALER, SILICONE	61910M				LITER	JT SEALER SILICONE
D	JOINT SEAL, PREFORMED COMPRESSION, SPECIAL	61911	13			LINFT	JT SEAL PRCOMP SPCL
D	JOINT SEAL, PREFORMED COMPRESSION, SPECIAL	61911M	13			METER	JT SEAL PRCOMP SPCL
	JOINT SEALER, POLYSULFIDE	61912				LB	JSEALER POLYSULFIDE
	JOINT SEALER, POLYSULFIDE	61912M				KG	JSEALER POLYSULFIDE
	JOINT SEALER, LONGITUDINAL	61913				LB	JSEALER LONGITUDINAL
	JOINT SEALER, LONGITUDINAL	61913M				KG	JSEALER LONGITUDINAL
	JOINT SEALER, POLYURETHANE	61914				GAL	JSEALER POLYURETHANE
	JOINT SEALER, POLYURETHANE	61914M				LITER	JSEALER POLYURETHANE
	JOINT SEALER, PREFORM PRECOMPRESS, SILICONE, SELF-EXP SYSTEM	61915				LINFT	JT SEAL PRCOMP SYS
D	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-1	62001				TONS	JCKFILLER ASPGR PAF1
	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-2	62002				TONS	JCKFILLER ASPGR PAF2
	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-2	62002M				M TON	JCKFILLER ASPGR PAF2
	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-3	62003				TONS	JCKFILLER ASPGR PAF3
	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-3	62003M				M TON	JCKFILLER ASPGR PAF3
D	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-4	62004				TONS	JCKFILLER ASPGR PAF4
D	JOINT AND CRACK FILLER, ASPHALT GRADE PAF-4	62004M				M TON	JCKFILLER ASPGR PAF4
D	JOINT AND CRACK FILLER, ASPHALT EMULSION	62005				GAL	JCKFILLER ASPH EMUL

SEQ: MATCODE

MATERIAL GROUP: 615 JOINT FILLERS, SEALERS, & EXPANSION DEVICES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	JOINT AND CRACK FILLER, ASPHALT, FIBER MODIFIED	62006				LB	JCKFILLER AS FIB MOD
	JOINT AND CRACK FILLER, ASPHALT, FIBER MODIFIED	62006M				KG	JCKFILLER AS FIB MOD
	EXPANSION JOINTS, NEOPRENE	62101	13	63	65	LINFT	EXP JOINT NP
	EXPANSION JOINTS, NEOPRENE	62101M	13	63	65	METER	EXP JOINT NP
D	EXPANSION DAMS, NEOPRENE	62102	13	63		LINFT	EXP DAMS NP
D	EXPANSION DAMS, NEOPRENE	62102M	13	63		METER	EXP DAMS NP
	EXPANSION JOINTS, EPDM	62103	13	63		LINFT	EXP JOINT EPDM
	EXPANSION JOINTS, EPDM	62103M	13	63		METER	EXP JOINT EPDM
D	EXPANSION JOINT TREATMENT, REINFORCED NEOPRENE	62104	13			LINFT	EXP JT REINF NEOPRN
D	EXPANSION JOINT TREATMENT, REINFORCED NEOPRENE	62104M	13			METER	EXP JT REINF NEOPRN
D	EXPANSION JOINT TREATMENT, REINFORCED EPDM	62105	13			LINFT	EXP JT REINF EPDM
D	EXPANSION JOINT TREATMENT, REINFORCED EPDM	62105M	13			METER	EXP JT REINF EPDM
	EXPANSION JOINT, MODULAR	62106	13			LINFT	EXP JOINT MODULAR
	EXPANSION JOINT, MODULAR	62106M	13			METER	EXP JOINT MODULAR
	MAT, FABRIC REINFORCED ELASTOMERIC, TROUGH	62107	16			LINFT	MAT FAB REIN ELAS TR
	MAT, FABRIC REINFORCED ELASTOMERIC, TROUGH	62107M	16			METER	MAT FAB REIN ELAS TR

SEQ: MATCODE

MATERIAL GROUP: 625 REINFORCING STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	DOWEL BAR	62601	14	19		PC	DOWEL BAR
	DOWEL BAR	62601M	14	19		EA	DOWEL BAR
D	DOWEL BAR, AASHTO M-227, PLASTIC COATED	62602	14	19		PC	DOWEL BAR M227 PLTCT
D	DOWEL BAR, AASHTO M-227M, PLASTIC COATED	62602M	14	19		EA	DOWEL BAR M227MPLTCT
	DOWEL BAR, EPOXY COATED	62603	14	19	74	PC	DOWEL BAR EPCT
	DOWEL BAR, EPOXY COATED	62603M	14	19	74	EA	DOWEL BAR EPCT
D	DOWEL BAR, AASHTO M-227, PAINTED	62604	14	19		PC	DOWEL BAR M227 PAINT
D	DOWEL BAR, AASHTO M-227M, PAINTED	62604M	14	19		EA	DOWEL BAR M227MPAINT
D	DOWEL BAR, DEFORMED, STANDARD 2426	62605	14	19		PC	DOWEL BAR DEFORMED
D	DOWEL BAR, DEFORMED, STANDARD 2426	62605M	14	19		EA	DOWEL BAR DEFORMED
	DOWEL BAR, DEFORMED, EPOXY COATED, STANDARD 2426	62606	14	19	74	PC	DOWEL BAR DEF EPXCT
	DOWEL BAR, DEFORMED, EPOXY COATED, STANDARD 2426	62606M	14	19	74	EA	DOWEL BAR DEF EPXCT
	DOWEL BAR, DEFORMED, PAVEMENT TIE OR MISC CONST	62607	14	19		PC	DOWEL BAR DEF PVMTIE
	DOWEL BAR, DEFORMED, PAVEMENT TIE OR MISC CONST	62607M	14	19		EA	DOWEL BAR DEF PVMTIE
	DOWEL BAR, DEFORMED, EPOXY COATED, PAVEMENT TIE OR MISC CONST	62608	14	19	74	PC	DOWEL BAR DEFEPXCTPV
	DOWEL BAR, DEFORMED, EPOXY COATED, PAVEMENT TIE OR MISC CONST	62608M	14	19	74	EA	DOWEL BAR DEFEPXCTPV
D	DOWEL BAR, PISTON	62609	14	19		EA	DOWEL BAR PISTON
D	DOWEL BAR, PISTON	62609M	14	19		EA	DOWEL BAR PISTON
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION	62701	11	19	74	PC	DOWEL BAR JAE
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION	62701M	11	19	74	EA	DOWEL BAR JAE
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION	62702	11	19	74	PC	DOWEL BAR JAC
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION	62702M	11	19	74	EA	DOWEL BAR JAC
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION, PLASTIC COATED	62703	11	19		PC	DOWEL BAR JAE PLTCT
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION, PLASTIC COATED	62703M	11	19		EA	DOWEL BAR JAE PLTCT

SEQ: MATCODE

MATERIAL GROUP: 625 REINFORCING STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, PLASTIC COATED	62704	11	19	74	PC	DOWEL BAR JAC PLTCT
D	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, PLASTIC COATED	62704M	11	19	74	EA	DOWEL BAR JAC PLTCT
	DOWEL BAR, JOINT ASSEMBLY EXPANSION, EPOXY COATED	62705	11	19	74	PC	DOWEL BAR JAE EPCT
	DOWEL BAR, JOINT ASSEMBLY EXPANSION, EPOXY COATED	62705M	11	19	74	EA	DOWEL BAR JAE EPCT
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, EPOXY COATED	62706	11	19	74	PC	DOWEL BAR JAC EPCT
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, EPOXY COATED	62706M	11	19	74	EA	DOWEL BAR JAC EPCT
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, DIV AERO	62707	11	19		PC	DOWEL BAR JAC AERO
	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, DIV AERO	62707M	11	19		EA	DOWEL BAR JAC AERO
D	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, PAINTED	62708	11	19		PC	DOWEL BAR JAC PAINT
D	DOWEL BAR, JOINT ASSEMBLY CONTRACTION, PAINTED	62708M	11	19		EA	DOWEL BAR JAC PAINT
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION, PAINTED	62709	11	19		PC	DOWEL BAR JAE PAINT
D	DOWEL BAR, JOINT ASSEMBLY EXPANSION, PAINTED	62709M	11	19		EA	DOWEL BAR JAE PAINT
D	JOINT, HINGE ASSEMBLY, STANDARD 2323	62711	11	19		EA	JOINT HINGE STD 2323
D	JOINT, HINGE ASSEMBLY, STANDARD 2323	62711M	11	19		EA	JOINT HINGE STD 2323
	FABRIC, WELDED WIRE, AASHTO M-221, DEFORM	62801M01	44	50	86	SQ M	FABRIC WEWI DF
	FABRIC PAVEMENT, WELDED WIRE, AASHTO M-221, DEFORM	62801M02	44	50	86	SQ M	FABRIC P WEWI DF
D	FABRIC, WELDED WIRE, AASHTO M-221, DEFORM, EPOXY COATED	62801M04	44	45	46	SQ M	FABRIC WEWI DF EPOXY
	FABRIC PAVEMENT, WELDED WIRE, AASHTO M-221, DEFORM, EPOXY	62801M05	44	50	86	SQ M	FABRIC P WEWI DF EPX
	FABRIC, WELDED WIRE, DEFORM	6280101	44	50	86	SQYD	FABRIC WEWI DF
	FABRIC PAVEMENT, WELDED WIRE, DEFORM	6280102	44	50	86	SQYD	FABRIC P WEWI DF
D	FABRIC, WELDED WIRE, DEFORM, EPOXY COATED	6280104	44	45	46	SQYD	FABRIC WEWI DF EPOXY
	FABRIC PAVEMENT, WELDED WIRE, DEFORM, EPOXY	6280105	44	50	86	SQYD	FABRIC P WEWI DF EPX
D	FABRIC, WELDED WIRE	62802				SQYD	FABRIC WEWI SMDFME
	FABRIC, WELDED WIRE, SMOOTH & DEFORM	62802M01	44	50	86	SQ M	FABRIC WEWI SMDF

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MATERIAL GROUP: 625 REINFORCING STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FABRIC PAVEMENT, WELDED WIRE, SMOOTH & DEFORM	62802M02	44	50	86	SQ M	FABRIC P WEWI SMDF
	FABRIC, WELDED WIRE, SMOOTH & DEFORM	6280201	44	50	86	SQYD	FABRIC WEWI SMDF
	FABRIC PAVEMENT, WELDED WIRE, SMOOTH & DEFORM	6280202	44	50	86	SQYD	FABRIC P WEWI SMDF
	FABRIC, WELDED WIRE, AASHTO M-55, SMOOTH	62803M01	44	50	86	SQ M	FABRIC WEWI SM
	FABRIC PAVEMENT, WELDED WIRE, AASHTO M-55, SMOOTH	62803M02	44	50	86	SQ M	FABRIC P WEWI SM
	FABRIC, WELDED WIRE, AASHTO M-55, SMOOTH, GALV.	62803M03	44	50	86	SQ M	FABRIC WEWI SM GV
	FABRIC, WELDED WIRE, AASHTO M-55, SMOOTH, EPOXY COATED	62803M04	44	50	74	SQ M	FABRIC WEWI SM EPCTO
	FABRIC, WELDED WIRE, SMOOTH	6280301	44	50	86	SQYD	FABRIC WEWI SM
	FABRIC PAVEMENT, WELDED WIRE, SMOOTH	6280302	44	50	86	SQYD	FABRIC P WEWI SM
	FABRIC, WELDED WIRE, SMOOTH, GALV.	6280303	44	50	86	SQYD	FABRIC WEWI SM GV
	FABRIC, WELDED WIRE, SMOOTH, EPOXY COATED	6280304	44	50	74	SQYD	FABRIC WEWI SM EPCTO
	BAR MAT, FABRICATED, DEFORMED MEMBERS	62804	44	50	86	SQYD	BAR MAT FAB DFME
	BAR MAT, FABRICATED, DEFORMED MEMBERS	62804M	44	50	86	SQ M	BAR MAT FAB DFME
D	FABRIC, EXPANDED METAL	62805	44	41		SQYD	FABRIC EXPAND METAL
D	FABRIC, EXPANDED METAL	62805M	44	41		SQ M	FABRIC EXPAND METAL
D	BAR DEFORMED BILLET AASHTO M31	62901				LB	BAR DF BILLET M31
D	BAR, DEFORM BILLET, AASHTO M-31M 300	62901M300	39			KG	BAR DF BILL M31M300
D	BAR, DEFORM BILLET, AASHTO M-31 40	62901M40	39			KG	BAR DF BILLET M31 40
D	BAR, DEFORM BILLET, AASHTO M-31M 400	62901M400	39			KG	BAR DF BILL M31M400
D	BAR, DEFORM BILLET, AASHTO M31M 500	62901M500	39			KG	BAR DF BILL M31M500
D	BAR, DEFORM BILLET, AASHTO M-31 60	62901M60	39			KG	BAR DF BILLET M31 60
D	BAR, DEFORM BILLET, AASHTO M-31 40	6290140	39			LB	BAR DF BILLET M31 40
D	BAR, DEFORM BILLET, AASHTO M-31 60	6290160	39			LB	BAR DF BILLET M31 60
D	BAR, DEFORM BILLET, AASHTO M-31 75	6290175	39			LB	BAR DF BILLET M31 75

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MATERIAL GROUP: 625 REINFORCING STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D BAR,	DEFORM BILLET, STRUCTURAL GRADE	62902	39			LB	BAR DF BILLET STGR
D BAR,	DEFORM AXLE, AASHTO M53M 300	62903M300	39			KG	BAR DF AXLE M53M300
D BAR,	DEFORM AXLE, AASHTO M53M 400	62903M400	39			KG	BAR DF AXLE M53M400
D BAR,	DEFORM AXLE, AASHTO M-53 40	6290340	39			LB	BAR DF AXLE M53 40
D BAR,	DEFORM AXLE, AASHTO M-53 60	6290360	39			LB	BAR DF AXLE M53 60
D BAR,	SMOOTH BILLET, AASHTO M31M400	62904M400	14			KG	BAR SM BILL M31M400
D BAR,	SMOOTH BILLET, AASHTO M31M500	62904M500	14			KG	BAR SM BILL M31M500
D BAR,	SMOOTH BILLET, AASHTO M-31 40	6290440	14			LB	BAR SM BILLET M31 40
D BAR,	SMOOTH BILLET, AASHTO M-31 60	6290460	14			LB	BAR SM BILLET M31 60
D BAR,	SMOOTH BILLET, AASHTO M-31 75	6290475	14			LB	BAR SM BILLET M31 75
D BAR,	SMOOTH AXLE, AASHTO M53M300	62905M300	14			KG	BAR SM AXLE M53M300
D BAR,	SMOOTH AXLE, AASHTO M53M400	62905M400	14			KG	BAR SM AXLE M53M400
D BAR,	SMOOTH AXLE, AASHTO M-53 40	6290540	14			LB	BAR SM AXLE M53 40
D BAR,	SMOOTH AXLE, AASHTO M-53 60	6290560	14			LB	BAR SM AXLE M53 60
D BAR,	SMOOTH, ASTM A663M415	62906M415	14			KG	BAR SM ASTM A663M415
D BAR,	SMOOTH, ASTM A663M450	62906M450	14			KG	BAR SM ASTM A663M450
D BAR,	SMOOTH, ASTM A663M485	62906M485	14			KG	BAR SM ASTM A663M485
D BAR,	SMOOTH, ASTM A663M515	62906M515	14			KG	BAR SM ASTM A663M515
D BAR,	SMOOTH, ASTM A663M550	62906M550	14			KG	BAR SM ASTM A663M550
D BAR,	SMOOTH, ASTM A663 60	6290660	14			LB	BAR SM ASTM A663 60
D BAR,	SMOOTH, ASTM A663 65	6290665	14			LB	BAR SM ASTM A663 65
D BAR,	SMOOTH, ASTM A663 70	6290670	14			LB	BAR SM ASTM A663 70
D BAR,	SMOOTH, ASTM A663 75	6290675	14			LB	BAR SM ASTM A663 75
D BAR,	SMOOTH, ASTM A663 80	6290680	14			LB	BAR SM ASTM A663 80

SEQ: MATCODE

MATERIAL GROUP: 625 REINFORCING STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BAR, SMOOTH, ROUND M-183	62907	14			LB	BAR SM RND M183
D	BAR, SMOOTH, ROUND M183M	62907M	14			KG	BAR SM RND M183M
D	BAR, DEFORM BILLET, AASHTO M31M300 GALV	62908M300	39			KG	BAR D BILL M31M300GV
D	BAR, DEFORM BILLET, AASHTO M31M400 GALV	62908M400	39			KG	BAR D BILL M31M400GV
D	BAR, DEFORM BILLET, AASHTO M-31 40 GALV	6290840	39			LB	BAR DF BILL M3140 GV
D	BAR, DEFORM BILLET, AASHTO M-31 60 GALV	6290860	39			LB	BAR DF BILL M3160 GV
D	BAR, DEFORM BILLET, AASHTO M31M300 EPOXY COATED	62909M300	39			KG	BAR D BILL M31M300EP
D	BAR, DEFORM BILLET, AASHTO M-31 40 EPOXY COATED	62909M40	39			KG	BAR DF BILL M3140 EP
D	BAR, DEFORM BILLET, AASHTO M31M400 EPOXY COATED	62909M400	39			KG	BAR D BILL M31M400EP
D	BAR, DEFORM BILLET, AASHTO M-31 60 EPOXY COATED	62909M60	39			KG	BAR DF BILL M3160 EP
D	BAR, DEFORM BILLET, AASHTO M-31 40 EPOXY COATED	6290940	39			LB	BAR DF BILL M3140 EP
D	BAR, DEFORM BILLET, AASHTO M-31 60 EPOXY COATED	6290960	39			LB	BAR DF BILL M3160 EP
D	BAR, DEFORM AXLE, AASHTO M53M300 GALV	62910M300	39			KG	BAR D AXLE M53M300GV
D	BAR, DEFORM AXLE, AASHTO M53M400 GALV	62910M400	39			KG	BAR D AXLE M53M400GV
D	BAR, DEFORM AXLE, AASHTO M-53 40 GALV	6291040	39			LB	BAR DF AXLE M5340 GV
D	BAR, DEFORM AXLE, AASHTO M-53 60 GALV	6291060	39			LB	BAR DF AXLE M5360 GV
D	BAR, DEFORM AXLE, AASHTO M53M300 EPOXY COATED	62911M300	39			KG	BAR D AXLE M5M300EP
D	BAR, DEFORM AXLE, AASHTO M53M400 EPOXY COATED	62911M400	39			KG	BAR D AXLE M53M400EP
D	BAR, DEFORM AXLE, AASHTO M-53 40 EPOXY COATED	6291140	39			LB	BAR DF AXLE M5340 EP
D	BAR, DEFORM AXLE, AASHTO M-53 60 EPOXY COATED	6291160	39			LB	BAR DF AXLE M5360 EP
D	WELD, REINFORCING BAR	62912	39			N/A	WELD REINFORCING BAR
D	WELD, REINFORCING BAR	62912M	39			NA	WELD REINFORCING BAR
D	BAR, SMOOTH, ROUND M-222	62913	14			LB	BAR SM RND M222
D	BAR, SMOOTH, ROUND M222M	62913M	14			KG	BAR SM RND M222M

SEQ: MATCODE

MATERIAL GROUP: 625 REINFORCING STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BAR, SMOOTH RAIL, AASHTO M42M350	62914M350	14			KG	BAR SM RAIL M42M350
D	BAR, SMOOTH RAIL, AASHTO M42M400	62914M400	14			KG	BAR SM RAIL M42M400
D	BAR, SMOOTH RAIL, AASHTO M-42 50	6291450	14			LB	BAR SM RAIL M42 50
D	BAR, SMOOTH RAIL, AASHTO M-42 60	6291460	14			LB	BAR SM RAIL M42 60
D	BAR, DEFORM RAIL, AASHTO M42M350	62915M350	39			KG	BAR DF RAIL M42M350
D	BAR, DEFORM RAIL, AASHTO M42M400	62915M400	39			KG	BAR DF RAIL M42M400
D	BAR, DEFORM RAIL, AASHTO M-42 60	62915M60	39			KG	BAR DF RAIL M42 60
D	BAR, DEFORM RAIL, AASHTO M-42 50	6291550	39			LB	BAR DF RAIL M42 50
D	BAR, DEFORM RAIL, AASHTO M-42 60	6291560	39			LB	BAR DF RAIL M42 60
	BAR, DEFORM BILLET, ASTM A-706 M60	62916M60	39			KG	BAR DF BILL A706 M60
	BAR, DEFORM BILLET, ASTM A-706 60	6291660	39			LB	BAR DF BILL A706 60
	BAR, SMOOTH BILLET, ASTM A-706 M60	62917M60	14			KG	BAR SM BILL A706 M60
	BAR, SMOOTH BILLET, ASTM A-706 60	6291760	14			LB	BAR SM BILL A706 60
	BAR, DEFORM BILLET, ASTM A-706 M60 EPOXY COATED	62918M60	39		74	KG	BAR D BILL A706M60EP
	BAR, DEFORM BILLET, ASTM A-706 60 EPOXY COATED	6291860	39		74	LB	BAR DF BILL A70660EP
	BAR, SMOOTH BILLET, ASTM A-706 M60 EPOXY COATED	62919M60	14		74	KG	BAR S BILL A706M60EP
	BAR, SMOOTH BILLET, ASTM A-706 60 EPOXY COATED	6291960	14		74	LB	BAR SM BILL A70660EP
	BAR, DEFORM BILLET, ASTM A-706 M60, TEXTURED EPOXY COATED	62920M60	39		74	KG	BAR D BIL A706M60TEP
	BAR, DEFORM BILLET, ASTM A-706 60, TEXTURED EPOXY COATED	6292060	39		74	LB	BAR DF BIL A70660TEP
	BAR, DEFORM, ASTM A-615	62921	39	30	74	LB	BAR DF A615
	BAR, SMOOTH, ASTM A-615	62922	14	30	74	LB	BAR SM A615
	HEADED BAR, DEFORMED, ASTM A-706 60, CLASS HA	6292360				LB	HD BAR DF A706 60 HA
	HEADED BAR, DEFORMED, ASTM A-706 60, CLASS HA, EPOXY COATED	6292460				LB	HDBAR DF 70660 HA EP
	BAR, STAINLESS STEEL, DEFORMED, ASTM A955	62925	39	30		LB	BAR SSTL DEFORMED

SEQ: MATCODE

MATERIAL GROUP: 625 REINFORCING STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	WIRE, COLD DRAWN, SMOOTH	63001	51			LB	WIRE CLDDW SM M32
	WIRE, COLD DRAWN, SMOOTH	63001M	51			KG	WIRE CLDDW SM M32
D	WIRE, COLD DRAWN, SMOOTH, FOR WELDED FABRIC AASHTO M-32	63002	51			LB	WIRE CLDDW SMWEFAB
D	WIRE, COLD DRAWN, SMOOTH, FOR WELDED FABRIC AASHTO M32	63002M	51			KG	WIRE CLDDW SMWEFAB
D	WIRE, COLD WORKED, DEFORMED, AASHTO M-225	63003	51			LB	WIRE CLDWK DF M225
D	WIRE, COLD WORKED, DEFORMED, AASHTO M225	63003M	51			KG	WIRE CLDWK DF M225
D	WIRE, COLD WORKED, DEFORMED, FOR WELDED FABRIC, AASHTO M-225	63004	51			LB	WIRE CLDWK DF WEFAB
D	WIRE, COLD WORKED, DEFORMED, FOR WELDED FABRIC, AASHTO M225	63004M	51			KG	WIRE CLDWK DF WEFAB
D	STRAND, 7 WIRE, PRESTRESSING AASHTO M-203, GRADE 250	63101	14			LINFT	STRAND 7WIRE GR250
D	STRAND, 7 WIRE, PRESTRESSING AASHTO M203, GRADE 250	63101M	14			METER	STRAND 7WIRE GR250
	STRAND, 7 WIRE, PRESTRESSING, GRADE 270	63102	14			LINFT	STRAND 7WIRE GR270
	STRAND, 7 WIRE, PRESTRESSING, GRADE 270	63102M	14			METER	STRAND 7WIRE GR270
D	WIRE, PRESTRESSING, BUTTON ANCHORAGE AASHTO M-204, TYPE BA	63103	14			LINFT	WIRE PRESTRESS TYBA
D	WIRE, PRESTRESSING, BUTTON ANCHORAGE AASHTO M204, TYPE BA	63103M	14			METER	WIRE PRESTRESS TYBA
D	WIRE, PRESTRESSING, WEDGE ANCHORAGE AASHTO M-204, TYPE WA	63104	14			LINFT	WIRE PRESTRESS TYWA
D	WIRE, PRESTRESSING, WEDGE ANCHORAGE AASHTO M204, TYPE WA	63104M	14			METER	WIRE PRESTRESS TYWA
	STRAND, 7 WIRE, PRESTRESSING, GRADE 270 LOWRELAX	63105	14			LINFT	STRAND 7WR GR270 LRX
	STRAND, 7 WIRE, PRESTRESSING, GRADE 270 LOWRELAX	63105M	14			METER	STRAND 7WR GR270 LRX
D	STRAND, 7WIRE, PRESTRESSING AASHTO M203, GRADE 270 EPOXY COATED	63106	14			LINFT	STRAND 7WR GR270 EPC
D	STRAND, 7WIRE, PRESTRESSING AASHTO M203, GRADE 270 EPOXY COATED	63106M	14			METER	STRAND 7WR GR270 EPC
D	BAR, PRESTRESSING, 150K	63201	14			LINFT	BAR PRESTRESS 150K
D	BAR, PRESTRESSING, ASTM A722, 1035MPA	63201M	14			METER	BAR PRESTRES 1035MPA
D	COUPLING, ROCK ANCHORS	63202	14			PC	COUPLING ROCK ANCHOR
D	COUPLING, ROCK ANCHORS	63202M	14			EA	COUPLING ROCK ANCHOR

SEQ: MATCODE

MATERIAL GROUP: 625 REINFORCING STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BAR SPLICER (COUPLER)	63203	14			EA	BAR SPLICER COUPLER
	BAR SPLICER (COUPLER)	63203M	14			EA	BAR SPLICER COUPLER
	BAR SPLICER (COUPLER) EPOXY COATED	63204	14		74	EA	BAR SPLICE COUP EPXY
	BAR SPLICER (COUPLER) EPOXY COATED	63204M	14		74	EA	BAR SPLICE COUP EPXY
D	INSERT, FLARED COIL LOOP, EPOXY COATED	63205				EA	INSERT FL COIL LP EC
D	INSERT, FLARED COIL LOOP, EPOXY COATED	63205M				EA	INSERT FL COIL LP EC
D	INSERT, STRAIGHT COIL LOOP	63206				EA	INSERT ST COIL LP
D	INSERT, STRAIGHT COIL LOOP	63206M				EA	INSERT ST COIL LP
D	BAR, PRESTRESSING, 150K, EPOXY COATED	63207	14			LINFT	BAR PRESTRS 150K EPX
D	BAR, PRESTRESSING, ASTM A722, 1035MPA, EPOXY COATED	63207M	14			METER	BAR PRSTR 1035MPAEPX
D	BAR SPLICER (COUPLER) EXTRUDED FRICTION TYPE	63208	39			EA	BAR SPLICE CPLR EXTD
D	BAR SPLICER (COUPLER) EXTRUDED FRICTION TYPE	63208M	39			EA	BAR SPLICE CPLR EXTD
D	BAR SPLICER (LAP) EPOXY COATED	63209	14	12		EA	BAR SPLICE LAP EPXCT
D	BAR SPLICER (LAP) EPOXY COATED	63209M	14	12		EA	BAR SPLICE LAP EPXCT

SEQ: MATCODE

MATERIAL GROUP: 650 STRUCTURAL STEEL BARS AND PLATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STRUCTURAL STEEL SUMMARY	65000				LB	STRUCT STEEL SUMM
D	BAR, AASHTO M-161	65101	16	13	12	LB	BAR AASHTO M161
D	BAR, ASTM A242M	65101M	16	13	12	KG	BAR ASTM A242M
D	BAR, AASHTO M-183	65102	16	13	12	LB	BAR AASHTO M183
D	BAR, AASHTO M183M	65102M	16	13	12	KG	BAR AASHTO M183M
D	BAR, AASHTO M-187	65103	16	13	12	LB	BAR AASHTO M187
D	BAR, AASHTO M-188	65104	16	13	12	LB	BAR AASHTO M188
D	BAR, AASHTO M-222	65105	16	13	12	LB	BAR AASHTO M222
D	BAR, AASHTO M222M	65105M	16	13	12	KG	BAR AASHTO M222M
D	BAR, AASHTO M223M290	65106M290	16	13	12	KG	BAR AASHTO M223M290
D	BAR, AASHTO M223M345	65106M345	16	13	12	KG	BAR AASHTO M223M345
D	BAR, AASHTO M223M415	65106M415	16	13	12	KG	BAR AASHTO M223M415
D	BAR, AASHTO M223M450	65106M450	16	13	12	KG	BAR AASHTO M223M450
D	BAR, AASHTO M-223 42	6510642	16	13	12	LB	BAR AASHTO M223 42
D	BAR, AASHTO M-223 45	6510645	16	13	12	LB	BAR AASHTO M223 45
D	BAR, AASHTO M-223 50	6510650	16	13	12	LB	BAR AASHTO M223 50
D	BAR, AASHTO M-223 55	6510655	16	13	12	LB	BAR AASHTO M223 55
D	BAR, AASHTO M-223 60	6510660	16	13	12	LB	BAR AASHTO M223 60
D	BAR, AASHTO M-223 65	6510665	16	13	12	LB	BAR AASHTO M223 65
	BAR, AASHTO M270M250	65107M250	16	13	12	KG	BAR M270M250
	BAR, AASHTO M270M345W	65107M341	16	13	12	KG	BAR M270M345W
	BAR, AASHTO M270M345	65107M345	16	13	12	KG	BAR M270M345
	BAR, AASHTO M270M485W	65107M481	16	13	12	KG	BAR M270M485W
	BAR, AASHTO M270M485	65107M485	16	13	12	KG	BAR M270M485

SEQ: MATCODE

MATERIAL GROUP: 650 STRUCTURAL STEEL BARS AND PLATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BAR, AASHTO M270M690	65107M690	16	13	12	KG	BAR M270M690
	BAR, AASHTO M270M690W	65107M691	16	13	12	KG	BAR M270M690W
	BAR, GRADE 100	65107100	16	13	12	LB	BAR GRADE 100
	BAR, GRADE 100W	651071001	16	13	12	LB	BAR GRADE 100W
	BAR, GRADE 36	6510736	16	13	12	LB	BAR GRADE 36
	BAR, GRADE 50	6510750	16	13	12	LB	BAR GRADE 50
	BAR, GRADE 50W	65107501	16	13	12	LB	BAR GRADE 50W
	BAR, GRADE 70	6510770	16	13	12	LB	BAR GRADE 70
	BAR, GRADE 70W	65107701	16	13	12	LB	BAR GRADE 70W
D	BAR,ASTM A529 GRADE 50	65108M50	16	13	12	KG	BAR A529 50
D	BAR,ASTM A529 GRADE 50	6510850	16	13	12	LB	BAR A529 50
D	PLATE, AASHTO M-161	65201	16	13	12	LB	PLATE AASHTO M161
D	PLATE, ASTM A242M	65201M	16	13	12	KG	PLATE ASTM A242M
D	PLATE, AASHTO M-183	65202	16	13	12	LB	PLATE AASHTO M183
D	PLATE, AASHTO M183M	65202M	16	13	12	KG	PLATE AASHTO M183M
D	PLATE, AASHTO M-187	65203	16	13	12	LB	PLATE AASHTO M187
D	PLATE, AASHTO M-188	65204	16	13	12	LB	PLATE AASHTO M188
D	PLATE, AASHTO M-222	65205	16	13	12	LB	PLATE AASHTO M222
D	PLATE, AASHTO M222M	65205M	16	13	12	KG	PLATE AASHTO M222M
D	PLATES, AASHTO M-223	65206				LB	PLATES AASHTO M223
D	PLATE, AASHTO M223M290	65206M290	16	13	12	KG	PLATE AASHO M223290
D	PLATE, AASHTO M223M345	65206M345	16	13	12	KG	PLATE AASHO M223M345
D	PLATE, AASHTO M223M450	65206M450	16	13	12	KG	PLATE AASHO M223M450
D	PLATE, AASHTO M223M415	65206M60				KG	PLATE AASHO M223M415

SEQ: MATCODE

MATERIAL GROUP: 650 STRUCTURAL STEEL BARS AND PLATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PLATE, AASHTO M-223 42	6520642	16	13	12	LB	PLATE AASHTO M223 42
D	PLATE, AASHTO M-223 45	6520645	16	13	12	LB	PLATE AASHTO M223 45
D	PLATE, AASHTO M-223 50	6520650	16	13	12	LB	PLATE AASHTO M223 50
D	PLATE, AASHTO M-223 55	6520655	16	13	12	LB	PLATE AASHTO M223 55
D	PLATE, AASHTO M-223 60	6520660	16	13	12	LB	PLATE AASHTO M223 60
D	PLATE, AASHTO M-223 65	6520665	16	13	12	LB	PLATE AASHTO M223 65
D	PLATE, AASHTO M-244	65207	16	13	12	LB	PLATE AASHTO M244
D	PLATE, AASHTO M244M	65207M	16	13	12	KG	PLATE AASHTO M244M
D	PLATE, ASTM A-517	65208	16	13	12	LB	PLATE ASTM A517
D	PLATE, ASTM A517M	65208M	16	13	12	KG	PLATE ASTM A517M
D	PLATE, FLOOR, AASHTO M-222	65209	16	13	12	LB	PLATE FLOOR M222
D	PLATE, FLOOR, AASHTO M222M	65209M	16	13	12	KG	PLATE FLOOR M222M
D	PLATE, ASTM A607 GRADE 50	65210	16	13	12	LB	PLATE ASTM A607 GR50
D	PLATE, ASTM A607 GRADE 50	65210M	16	13	12	KG	PLATE ASTM A607 GR50
D	PLATE, FLOOR, AASHTO M-183	65211	16	13	12	LB	PLATE FLOOR M183
D	PLATE, FLOOR, AASHTO M183M	65211M	16	13	12	KG	PLATE FLOOR M183M
D	PLATE, ASTM A570 GRADE 50	652115M50				KG	PLATE ASTM A570 50
D	PLATE, ASTM A606-75 TYPE 4	65212	16	13	12	LB	PLATE ASTM A606 TY 4
D	PLATE, ASTM A606-75 TYPE 4	65212M	16	13	12	KG	PLATE ASTM A606 TY 4
D	PLATE, AASHTO M270M250	65213M250	16	13	12	KG	PLATE M270M250
	PLATE, AASHTO M270M345W	65213M341	16	13	12	KG	PLATE M270M345W
	PLATE, AASHTO M270M345	65213M345	16	13	12	KG	PLATE M270M345
	PLATE, AASHTO M270M485W	65213M481	16	13	12	KG	PLATE M270M485W
D	PLATE, AASHTO M270M485	65213M485	16	13	12	KG	PLATE M270M485

SEQ: MATCODE

MATERIAL GROUP: 650 STRUCTURAL STEEL BARS AND PLATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	PLATE, AASHTO M270M690	65213M690	16	13	12	KG	PLATE M270M690
	PLATE, AASHTO M270M690W	65213M691	16	13	12	KG	PLATE M270M690W
	PLATE, GRADE 100	65213100	16	13	12	LB	PLATE GRADE 100
	PLATE, GRADE 100W	652131001	16	13	12	LB	PLATE GRADE 100W
	PLATE, GRADE 36	6521336	16	13	12	LB	PLATE GRADE 36
	PLATE, GRADE 50	6521350	16	13	12	LB	PLATE GRADE 50
	PLATE, GRADE 50W	65213501	16	13	12	LB	PLATE GRADE 50W
	PLATE, GRADE 70	6521370	16	13	12	LB	PLATE GRADE 70
	PLATE, GRADE 70W	65213701	16	13	12	LB	PLATE GRADE 70W
D	PLATE, ASTM A852	65214	16	13		LB	PLATE ASTM A852
D	PLATE, ASTM A852M	65214M	16	13		KG	PLATE ASTM A852M
D	PLATE, ASTM A570 GRADE 50	6521550	16	13	12	LB	PLATE ASTM A570 50
D	PLATE, ASTM A570 GRATE 50	6521550M				KG	PLATE ASTM A570 50
D	PLATE,ASTM A529 GRADE 50	65216M50	16	13	12	KG	PLATE ASTM A529 50
D	PLATE,ASTM A529 GRADE 50	6521650	16	13	12	LB	PLATE ASTM A529 50
D	SHAPE, AASHTO M-161	65301	40,15	24	12	LB	SHAPE AASHTO M161
D	SHAPE, ASTM A242M	65301M	40,15	24	12	KG	SHAPE ASTM A242M
D	SHAPE, AASHTO M-183	65302	40,15	24	12	LB	SHAPE AASHTO M183
D	SHAPE, AASHTO M183M	65302M	40,15	24	12	KG	SHAPE AASHTO M183M
D	SHAPE, AASHTO M-187	65303	40,15	24	12	LB	SHAPE AASHTO M187
D	SHAPE, AASHTO M-188	65304	40,15	24	12	LB	SHAPE AASHTO M188
D	SHAPE, AASHTO M-222	65305	40,15	24	12	LB	SHAPE AASHTO M222
D	SHAPE, AASHTO M222M	65305M	40,15	24	12	KG	SHAPE AASHTO M222M
D	SHAPE, AASHTO M223M290	65306M290	40,15	24	12	KG	SHAPE AASHO M223M290

SEQ: MATCODE

MATERIAL GROUP: 650 STRUCTURAL STEEL BARS AND PLATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SHAPE, AASHTO M223M345	65306M345	40,15	24	12	KG	SHAPE AASHTO M223M345
D	SHAPE, AASHTO M223M415	65306M415	40,15	24	12	KG	SHAPE AASHTO M223M415
D	SHAPE, AASHTO M223M450	65306M450	40,15	24	12	KG	SHAPE AASHTO M223M450
D	SHAPE, AASHTO M-223 42	6530642	40,15	24	12	LB	SHAPE AASHTO M223 42
D	SHAPE, AASHTO M-223 45	6530645	40,15	24	12	LB	SHAPE AASHTO M223 45
D	SHAPE, AASHTO M-223 50	6530650	40,15	24	12	LB	SHAPE AASHTO M223 50
D	SHAPE, AASHTO M-223 55	6530655	40,15	24	12	LB	SHAPE AASHTO M223 55
D	SHAPE, AASHTO M-223 60	6530660	40,15	24	12	LB	SHAPE AASHTO M223 60
D	SHAPE, AASHTO M-223 65	6530665	40,15	24	12	LB	SHAPE AASHTO M223 65
	SHAPE, AASHTO M270M690	65307M100	15	24	12	KG	SHAPE M270M690
	SHAPE, AASHTO M270M250	65307M250	40,15	24	12	KG	SHAPE M270M250
	SHAPE, AASHTO M270M345W	65307M341	40,15	24	12	KG	SHAPE M270M345W
	SHAPE, AASHTO M270M345	65307M345	40,15	24	12	KG	SHAPE M270M345
	SHAPE, AASHTO M270M485W	65307M481	40,15	24	12	KG	SHAPE M270M485W
D	SHAPE, AASHTO M270M485	65307M485	40,15	24	12	KG	SHAPE M270M485
	SHAPE, AASHTO M270M690W	65307M691	40,15	24	12	KG	SHAPE M270M690W
	SHAPE, GRADE 100	65307100	15	24	12	LB	SHAPE GRADE 100
	SHAPE, GRADE 100W	653071001	15	24	12	LB	SHAPE GRADE 100W
	SHAPE, GRADE 36	6530736	15	24	12	LB	SHAPE GRADE 36
	SHAPE, GRADE 50	6530750	15	24	12	LB	SHAPE GRADE 50
	SHAPE, GRADE 50W	65307501	15	24	12	LB	SHAPE GRADE 50W
	SHAPE, GRADE 70	6530770	15	24	12	LB	SHAPE GRADE 70
	SHAPE, GRADE 70W	65307701	15	24	12	LB	SHAPE GRADE 70W
D	SHAPE,ASTM A529 GRADE 50	65308M50	40,15	24	12	KG	SHAPE A529 50

SEQ: MATCODE

MATERIAL GROUP: 650 STRUCTURAL STEEL BARS AND PLATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SHAPE,ASTM A529 GRADE 50	6530850	40,15	24	12	LB	SHAPE A529 50
D	SHAPE ANGLES AASHTO M-161	65401	52	16	12	LB	SHAPE ANGLE M161
D	SHAPE ANGLES ASTM A242M	65401M	52	16	12	KG	SHAPE ANGLE A242M
D	SHAPE ANGLES AASHTO M-183	65402	52	16	12	LB	SHAPE ANGLE M183
D	SHAPE ANGLES AASHTO M183M	65402M	52	16	12	KG	SHAPE ANGLE M183M
D	SHAPE ANGLES AASHTO M-187	65403	52	16	12	LB	SHAPE ANGLE M187
D	SHAPE ANGLES AASHTO M-188	65404	52	16	12	LB	SHAPE ANGLE M188
D	SHAPE ANGLES AASHTO M-222	65405	52	16	12	LB	SHAPE ANGLE M222
D	SHAPE ANGLES AASHTO M222M	65405M	52	16	12	KG	SHAPE ANGLE M222M
D	SHAPE ANGLES AASHTO M223M290	65406M290	52	16	12	KG	SHAPE ANGLE M223M290
D	SHAPE ANGLES AASHTO M223M345	65406M345	52	16	12	KG	SHAPE ANGLE M223M345
D	SHAPE ANGLES AASHTO M223M415	65406M415	52	16	12	KG	SHAPE ANGLE M223M415
D	SHAPE ANGLES AASHTO M223M450	65406M450	52	16	12	KG	SHAPE ANGLE M223M450
D	SHAPE ANGLES AASHTO M-223 42	6540642	52	16	12	LB	SHAPE ANGLE M223 42
D	SHAPE ANGLES AASHTO M-223 45	6540645	52	16	12	LB	SHAPE ANGLE M223 45
D	SHAPE ANGLES AASHTO M-223 50	6540650	52	16	12	LB	SHAPE ANGLE M223 50
D	SHAPE ANGLES AASHTO M-223 55	6540655	52	16	12	LB	SHAPE ANGLE M223 55
D	SHAPE ANGLES AASHTO M-223 60	6540660	52	16	12	LB	SHAPE ANGLE M223 60
D	SHAPE ANGLES AASHTO M-223 65	6540665	52	16	12	LB	SHAPE ANGLE M223 65
	TEE, EXPANSION JOINT	65407	15	24	12	LB	TEE EXPANSION JOINT
	TEE, EXPANSION JOINT	65407M	15	24	12	KG	TEE EXPANSION JOINT
D	ARMOR ANGLE	65408	52	16	12	EA	ARMOR ANGLE
D	ARMOR ANGLE	65408M	52	16	12	EA	ARMOR ANGLE
D	SHAPE ANGLES AASHTO M244	65409				LB	SHAPE ANGLE M244

SEQ: MATCODE

MATERIAL GROUP: 650 STRUCTURAL STEEL BARS AND PLATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SHAPE ANGLES AASHTO M244M	65409M				KG	SHAPE ANGLE M244M
D	SHAPE ANGLES AASHTO M270M250	65410M250	52	16	12	KG	SHAPE ANGLE M270M250
	SHAPE ANGLES AASHTO M270M345W	65410M341	52	16	12	KG	SHAPE ANGL M270M345W
	SHAPE ANGLES AASHTO M270M345	65410M345	52	16	12	KG	SHAPE ANGLE M270M345
	SHAPE ANGLES AASHTO M270M485W	65410M481	52	16	12	KG	SHAPE ANGL M270M485W
	SHAPE ANGLES AASHTO M270M485	65410M485	52	16	12	KG	SHAPE ANGLE M270M485
	SHAPE ANGLES AASHTO M-270M690	65410M690	52	16	12	KG	SHAPE ANGLE M270M690
	SHAPE ANGLES AASHTO M270M690W	65410M691	52	16	12	KG	SHAPE ANGL M270M690W
	SHAPE ANGLES GRADE 100	65410100	52	16	12	LB	SHAPE ANGLES GR 100
	SHAPE ANGLES GRADE 100W	654101001	52	16	12	LB	SHAPE ANGLES GR 100
	SHAPE ANGLES GRADE 36	6541036	52	16	12	LB	SHAPE ANGLES GR 36
	SHAPE ANGLES GRADE 50	6541050	52	16	12	LB	SHAPE ANGLES GR 50
	SHAPE ANGLES GRADE 50W	65410501	52	16	12	LB	SHAPE ANGLES GR 50W
	SHAPE ANGLES GRADE 70	6541070	52	16	12	LB	SHAPE ANGLES GR 70
	SHAPE ANGLES GRADE 70W	65410701	52	16	12	LB	SHAPE ANGLES GR 70W
D	ARMOR PLATE	65411	16	12X13		EA	ARMOR PLATE
D	ARMOR PLATE	65411M	16	12X13		EA	ARMOR PLATE
D	SHAPE,ANGLES ASTM A529 GRADE 50	65412M50	52	16	12	KG	SHAPE ANGLE A529 50
D	SHAPE,ANGLES ASTM A529 GRADE 50	6541250	52	16	12	LB	SHAPE ANGLE A529 50
	STRUCTURAL STEEL, MISCELLANEOUS	65498				LB	STRUC STEEL MISC
	STRUCTURAL STEEL, MISCELLANEOUS	65498M				KG	STRUC STEEL MISC
	STRUCTURAL STEEL, MISCELLANEOUS	65499				EA	STRUC STEEL MISC
	STRUCTURAL STEEL, MISCELLANEOUS	65499M				EA	STRUC STEEL MISC
	BOLT, ASTM A 325, TYPE 1	65501	14	12		LB	BOLT ASTM A325 TY 1

SEQ: MATCODE

MATERIAL GROUP: 650 STRUCTURAL STEEL BARS AND PLATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOLT, ASTM A 325, TYPE 1	65501M	14	12		EA	BOLT ASTM A325 TY1
D	BOLT, ASTM A 325, TYPE 2	65502	14	12		LB	BOLT ASTM A325 TY 2
	BOLT, ASTM A 325, TYPE 3	65503	14	12		LB	BOLT ASTM A325 TY 3
	PIN, BRIDGE BEARING	65504	14	12		PC	PIN BRIDGE BEARING
	PIN, BRIDGE BEARING	65504M	14	12		EA	PIN BRIDGE BEARING
D	BOLT, ASTM A325, TYPE 1 TORQUE	65505	14	12		LB	BOLT A325 TY1 TORQ
D	ROD, THREADED, ASTM A 687	65506	14			PC	ROD THREADED A687
D	ROD, THREADED, ASTM A 687	65506M	14			EA	ROD THREADED A687
	BOLT,ASTM A325, TYPE 1, ROUND HEAD, TORQUE TWIST OFF	65507	14	12		LB	BOLT A325 RND TORQ
	BOLT,ASTM A325, TYPE 1, ROUND HEAD, TORQUE TWIST OFF	65507M	14	12		EA	BOLT A325 RND TORQ
D	BOLT, ASSEMBLY, SWAGED ASTM A325 TYPE 1 OR 2	65508	14	12		LB	BOLT ASSEM A325 1-2
D	BOLT, ASSEMBLY, SWAGED ASTM A490	65509	14	12		LB	BOLT ASSEM A490
D	BOLT,ASTM A325,TYPE 1 OR 2,SLOTTED COUNTER SUNK	65510	14	12		EA	BOLT A325 CNTRSU
D	BOLT,ASTM A325,TYPE 1 OR 2,SLOTTED COUNTER SUNK	65510M	14	12		EA	BOLT A325 CNTRSU
	PIN, BRIDGE, STAINLESS STEEL, NITRONIC 60	65511	14	12		PC	PIN BRIDGE SSTL N60
	PIN, BRIDGE, STAINLESS STEEL, NITRONIC 60	65511M	14	12		EA	PIN BRIDGE SSTL N60
	NUT, ASTM A 194 GRADE 2	65601	14			LB	NUT ASTM A194 GR 2
	NUT, ASTM A 194 GRADE 2H	65602	14			LB	NUT ASTM A194 GR 2H
	NUT, ASTM A 563, GRADE C	65603	14			LB	NUT ASTM A563 GR C
	NUT, ASTM A 563M, GRADE C	65603M	14			EA	NUT ASTM A563M GR C
D	NUT, ASTM A 563, GRADE C3	65604	14			LB	NUT ASTM A563 GR C3
D	NUT, ASTM A 563 GRADE D	65605	14			LB	NUT ASTM A563 GR D
	NUT, ASTM A 563 GRADE DH	65606	14			LB	NUT ASTM A563 GR DH
	NUT, ASTM A 563 GRADE DH	65606M	14			EA	NUT ASTM A563 GR DH

SEQ: MATCODE

MATERIAL GROUP: 650 STRUCTURAL STEEL BARS AND PLATES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	NUT, ASTM A 563 GRADE C3 LOCK	65607	14			LB	NUT ASTM A563 GRC3LK
D	NUT, BRIDGE BEARING PIN	65608	14			PC	NUT BRIDGE BEAR PIN
D	NUT, BRIDGE BEARING PIN	65608M	14			EA	NUT BRIDGE BEAR PIN
D	NUT, ASTM A563 GRADE A GUARD RAIL DOUBLE RECESSED	65609	14			PC	NUT A563 GR A GRDR
D	NUT, ASTM A563 GRADE A GUARD RAIL DOUBLE RECESSED	65609M	14			PC	NUT A563 GR A GRDR
	NUT, ASTM A563 GRADE A GUARD RAIL DOUBLE RECESSED GALV.	65610	14			PC	NUT A563 GR A GRDRGV
	NUT, ASTM A563 GRADE A GUARD RAIL DOUBLE RECESSED GALV.	65610M	14			PC	NUT A563 GR A GRDRGV
	WASHER, ASTM F 436, CARBON STEEL	65701	14			LB	WASHER F436 CRBN STL
	WASHER, ASTM F 436, CARBON STEEL	65701M	14			EA	WASHER F436 CRBN STL
	WASHER, ASTM F 436, WEATHERING STEEL	65702	14			LB	WASHER F436 WTHR STL
D	WASHER, ASTM A 325, TYPES 1-2 CARBURIZED	65703	14			LB	WASHER A325 TY1-2
D	WASHER, ASTM A 325, TYPE 3 CARBURIZED	65704	14			LB	WASHER A325 TY3
	CONNECTORS, STUD SHEAR	65801	14	12		PC	CONNECTOR STUDSHEAR
	CONNECTORS, STUD SHEAR	65801M	14	12		EA	CONNECTOR STUDSHEAR
D	CASTINGS, STEEL (FOR BRIDGES)	65901				LB	CASTINGS STEEL BR
D	FORGINGS, STEEL (FOR BRIDGES)	66001	14	12		LB	FORGINGS STEEL BR

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOLT, ANCHOR, GALV. (STD. SPEC.)	67601	14	12		PC	BOLT AN GALV STDSPC
	BOLT, ANCHOR, GALV. (STD. SPEC.)	67601M	14	12		EA	BOLT AN GALV STDSPC
	BOLT, ANCHOR, J HOOK, EXPANSION (STD. SPEC.)	67602	14	12		PC	BOLT AN J-HOOK
	BOLT, ANCHOR, J HOOK, EXPANSION (STD. SPEC.)	67602M	14	12		EA	BOLT AN J-HOOK
D	BOLT, ANCHOR, AASHTO M-222	67603	14	12		PC	BOLT AN AASHTO M222
D	BOLT, ANCHOR, AASHTO M222M	67603M	14	12		EA	BOLT AN AASHTO M222M
D	BOLT, ANCHOR, STAINLESS	67604	14	12		PC	BOLT AN STAINLESS
D	BOLT, ANCHOR, STAINLESS	67604M	14	12		EA	BOLT AN STAINLESS
D	BOLT, SWEDGE, STD. SPEC.	67605	14	12		PC	BOLT SWD STD SPC
D	BOLT, SWEDGE, STD. SPEC.	67605M	14	12		EA	BOLT SWD STD SPC
D	BOLT, SWEDGE, AASHTO M-222	67606	14	12		PC	BOLT SWD M222
D	BOLT, SWEDGE, AASHTO M222M	67606M	14	12		EA	BOLT SWD M222M
D	BOLT, SWEDGE, STAINLESS	67607	14	12		PC	BOLT SWD STAINLESS
D	BOLT, SWEDGE, STAINLESS	67607M	14	12		EA	BOLT SWD STAINLESS
	BOLT, ASTM A 193, GRADE B8, CLASS 1	67608	14	12	53	LB	BOLT 193 GR B8 CL 1
D	BOLT, ASTM A 193, GRADE B8, CLASS 2	67609	14	12	53	LB	BOLT 193 GR B8 CL 2
D	BOLT, ASTM A 193, GRADE B8M, CLASS 1	67610	14	12	53	LB	BOLT 193 GR B8M CL1
D	BOLT, ASTM A 193, GRADE B8M, CLASS 2	67611	14	12	53	LB	BOLT 193 GR B8M CL2
	BOLT, ASTM A 307 GRADE A OR B	67612	14	12	53	LB	BOLT 307 GR A-B
D	BOLT, ASTM A 307 GRADE B ONLY	67613	14	12	53	LB	BOLT 307 GR B ONLY
	BOLT, ASTM A 307 GRADE A OR B GALV.	67614	14	12	53	LB	BOLT 307 GR A-B GV
D	BOLT, ASTM A 307 GRADE B ONLY GALV.	67615	14	12	53	LB	BOLT 307 GR B GV
	BOLT, ASTM A 325 TYPE 1 OR 2 GALV.	67616	14	12		LB	BOLT 325 TY 1-2 GV
	BOLT, ASTM A 449	67617	14	12		LB	BOLT 449

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	BOLT, ASTM A 449 GALV.	67618	14	12		LB	BOLT 449 GALV
	BOLT, ASTM A 490	67619	14	12		LB	BOLT A 490
D	BOLT, ASTM A 490 GALV.	67620	14	12		LB	BOLT A 490 GALV
	BOLT, U, STAINLESS STEEL	67621	14	12	13	LB	BOLT U SSTL
	BOLT, U, STAINLESS STEEL	67621M				EA	BOLT U SSTL
	BOLT, U, GALV. STEEL	67622	14	12	13	LB	BOLT U GALV STL
D	STUDS, B8 STAINLESS STEEL CLASS 1	67623	14	12		LB	STUDS B8 SSTL CL 1
D	STUDS, B8 STAINLESS STEEL CLASS 2	67624	14	12		LB	STUDS B8 SSTL CL 2
D	BOLT, ROUND SLOTTED HEAD, A 307	67625	14			LB	BOLT RND SLOT HD A307
D	STUD ANCHOR, EXPANSION	67626	14			PC	STUD ANCHOR EXPAN
D	STUD ANCHOR, EXPANSION	67626M	14			EA	STUD ANCHOR EXPAN
	BOLT, ROUND SLOTTED HEAD, A 307 GALVANIZED	67627	14			PC	BOLT RND SLOT HD307GV
	BOLT, ROUND SLOTTED HEAD, A 307 GALVANIZED	67627M	14			EA	BOLT RND SLOT HD307GV
D	BOLT, T-HEAD	67628	14			PC	BOLT T-HEAD
D	BOLT, T-HEAD	67628M	14			EA	BOLT T-HEAD
	BOLT, CARRIAGE, GALVANIZED	67629	14			PC	BOLT CARRIAGE
	BOLT, CARRIAGE, GALVANIZED	67629M	14			EA	BOLT CARRIAGE
D	SCREW, LAG, GALVANIZED	67630	14			PC	SCREW LAG
D	SCREW, LAG, GALVANIZED	67630M	14			EA	SCREW LAG
	BOLT, ROUND HEAD, GALVANIZED	67631	14			PC	BOLT RND HD
	BOLT, ROUND HEAD, GALVANIZED	67631M	14			EA	BOLT RND HD
	ASSEMBLY, ANCHOR BOLT	67632	83	59		EA	ASSEMBLY ANCHOR BOLT
	ASSEMBLY, ANCHOR BOLT	67632M	83	59		EA	ASSEMBLY ANCHOR BOLT
D	BOLT, TRACK, AREA	67633	14	12		PC	BOLT TRACK AREA

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BOLT, TRACK, AREA	67633M	14	12		EA	BOLT TRACK AREA
D	BOLT, ASTM A 307 GRADE A OR B, CADMIUM PLATED	67634	14	12	53	PC	BOLT 307 GR A-B CDPL
D	BOLT, ASTM A 307 GRADE A OR B, CADMIUM PLATED	67634M	14	12	53	EA	BOLT 307 GR A-B CDPL
D	BOLT, ASTM A 307 GRADE B, CADMIUM PLATED	67635	14	12	53	PC	BOLT 307 GR B CDPL
D	BOLT, ASTM A 307 GRADE B, CADMIUM PLATED	67635M	14	12	53	EA	BOLT 307 GR B CDPL
	BOLT, PLOW, ASTM A 354 GRADE BD	67636	14	12	59	PC	BOLT PLOW 354 GR BD
	BOLT, PLOW, ASTM A 354 GRADE BD	67636M	14	12	59	EA	BOLT PLOW 354 GR BD
D	BOLT, ANCHOR, W-BAR	67637	14	12		PC	BOLT AN W-BAR
D	BOLT, ANCHOR, W-BAR	67637M	14	12		EA	BOLT AN W-BAR
D	BOLT, ANCHOR, (STD.SPEC.)	67638	14	12		PC	BOLT AN STDSPC
D	BOLT, ANCHOR, (STD.SPEC.)	67638M	14	12		EA	BOLT AN STDSPC
	TURNBUCKLE, GALV	67639	14	12		PC	TURNBUCKLE GALV
	TURNBUCKLE, GALV	67639M	14	12		EA	TURNBUCKLE GALV
	BOLT, STAINLESS STEEL	67640	14	12		PC	BOLT STAINLESS STEEL
	BOLT, STAINLESS STEEL	67640M	14	12		EA	BOLT STAINLESS STEEL
D	BOLT, BOM	67641	14			PC	BOLT BOM
D	BOLT, BOM	67641M	14			EA	BOLT BOM
D	BOLT, ANCHOR, A325	67642	14	12		PC	BOLT ANCHOR A325
D	BOLT, ANCHOR, AASHTO M164M	67642M	14	12		EA	BOLT ANCHOR M164M
D	BOLT, HEX HEAD, STEEL GALVANIZED	67643	14	12		PC	BOLT HEX HEAD ST GAV
D	BOLT, HEX HEAD, STEEL GALVANIZED	67643M	14	12		EA	BOLT HEX HEAD ST GAV
D	BOLT, EYELET, GALV.	67644	14			PC	BOLT EYELET GALV
D	BOLT, EYELET, GALV.	67644M	14			EA	BOLT EYELET GALV
D	BOLT. ASTM A 193, GRADE B8P, CLASS 2	67645	14	12	53	LB	BOLT 193 GR B8P CL2

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BOLT, ANCHOR, POLYESTER VIAL	67646	14	12		PC	BOLT ANCHOR POLYVIAL
D	BOLT, ANCHOR, POLYESTER VIAL	67646M	14	12		EA	BOLT ANCHOR POLYVIAL
	STUDS, ASTM A449	67647	14	12		LB	STUDS ASTM A449
D	BOLT, ANCHOR, ILL COIL LOCK	67648	14	12		PC	BOLT AN IL COIL LOCK
D	BOLT, ANCHOR, ILL COIL LOCK	67648M	14	12		EA	BOLT AN IL COIL LOCK
	ROD, ANCHOR ASTM A576	67649	14	12		PC	ROD ANCHOR ASTM A576
	ROD, ANCHOR ASTM A576	67649M	14	12		EA	ROD ANCHOR ASTM A576
D	BOLT, ASTM A 325, TYPE 3, GALV	67650	14	12		LB	BOLT ASTMA325TY3GALV
D	BOLT, ANCHOR, ASTM A687	67651	14			PC	BOLT AN ASTM A687
D	BOLT, ANCHOR, ASTM A687	67651M	14			EA	BOLT AN ASTM A687
	BOLT, ANCHOR, ASTM A449	67652	14	12		PC	BOLT AN ASTM A449
	BOLT, ANCHOR, ASTM A449	67652M	14	12		EA	BOLT AN ASTM A449
D	BOLT, ASSEMBLY, SWAGED ASTM A325, TYPE 1 OR 2 GALV	67653	14	12		PC	BOLT ASSEM 325 1-2GV
D	BOLT, ASSEMBLY, SWAGED AASHTO M164M, TYPE 1 OR 2 GALV	67653M	14	12		EA	BOLT ASM M164M 1-2GV
D	BOLT, ASSEMBLY, SWAGED ASTM A490, GALV	67654	14	12		PC	BOLT ASSEM 490 GV
D	BOLT, ASSEMBLY, SWAGED AASHTO M253M, GALV	67654M	14	12		EA	BOLT ASSEM M253M GV
	STUDS, ASTM A449, GALV	67655	14	12		PC	STUDS A449 GALV
	STUDS, ASTM A449, GALV	67655M	14	12		EA	STUDS A449 GALV
D	BOLT, ANCHOR, A325, EPOXY COATED	67656	14	12		PC	BOLT ANCR A325 EPOXY
D	BOLT, ANCHOR, AASHTO M164M, EPOXY COATED	67656M	14	12		EA	BOLT ANC M164M EPOXY
D	BOLT, A325, ROUND HEAD, TORQUE TWIST OFF, GALV	67657	14	12		PC	BOLT A325 RNDTORQ GV
D	BOLT, AASHTO M164M, ROUND HEAD, TORQUE TWIST OFF, GALV	67657M	14	12		EA	BOLT M164M RNTORQ GV
D	STUDS, ASTM A193, B7, GALV.	67658	14	12		PC	STUDS A193 B7 GV
D	STUDS, ASTM A193M, B7, GALV.	67658M	14	12		EA	STUDS A193MB7 GV

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	SCREW CAP, ASTM F835	67659	14	12		PC	SCREW CAP F835
D	SCREW CAP, ASTM F835M	67659M	14	12		EA	SCREW CAP F835M
D	STUDS, ASTM A193, B7	67660	14	12		PC	STUDS A193 B7
D	STUDS, ASTM A193M, B7	67660M	14	12		EA	STUDS A193MB7
D	BOLT, ANCHOR, ASTM A354, GRADE BC	67661	14	12		PC	BOLT ANCR A354 BR BC
D	BOLT, ANCHOR, ASTM A354, GRADE BC	67661M	14	12		EA	BOLT ANCR A354 BR BC
D	BOLT, ASTM A325, TYPE 3, SLOTTED COUNTER SUNK HEAD	67662	14	12		PC	BOLT A325 CONTR SUNK
D	BOLT, ASTM A325, TYPE 3, SLOTTED COUNTER SUNK HEAD	67662M	14	12		EA	BOLT A325 CONTR SUNK
	BOLT, ASTM A449, TYPE 3, SLOTTED COUNTER SUNK HEAD	67663	14	12		PC	BOLT A449 CONTR SUNK
	BOLT, ASTM A449, TYPE 3, SLOTTED COUNTER SUNK HEAD	67663M	14	12		EA	BOLT A449 CONTR SUNK
	BOLT, ANCHOR, ASTM F-1554, GR-36	67664	14	12		PC	BOLT ANCR GR-36
	BOLT, ANCHOR, ASTM F-1554, GR-36	67664M	14	12		EA	BOLT ANCR GR-36
	BOLT, ANCHOR, ASTM F-1554, GR-55	67665	14	12		PC	BOLT ANCR GR-55
	BOLT, ANCHOR, ASTM F-1554, GR-55	67665M	14	12		EA	BOLT ANCR GR-55
	BOLT, ANCHOR, ASTM F-1554, GR-105	67666	14	12		PC	BOLT ANCR GR-105
	BOLT, ANCHOR, ASTM F-1554, GR-105	67666M	14	12		EA	BOLT ANCR GR-105
	BOLT, ASTM A325, TYPE 1 OR 2, SLOTTED COUNTER SUNK, GALV	67667	14	12		EA	BOLT A325 CNTRSK GV
	BOLT, ASTM A325, TYPE 1 OR 2, SLOTTED COUNTER SUNK, GALV	67667M	14	12		EA	BOLT A325 CNTRSK GV
D	BOLT, ASTM A354, GRADE BD (GRADE 8), GLAV	67668	14	12		EA	BOLT 354 GR BD GV
D	BOLT, ASTM A354, GRADE BD (GRADE 8), GALV	67668M	14	12		EA	BOLT A354 GR BD GV
	BOLT, LAG, A307	67669				EA	BOLT LAG A307
	BOLT, LAG, A307	67669M				EA	BOLT LAG A307
	BOLT, ASTM A 193 GRADE B7 GALV	67670	14	12		EA	BOLT A193 GR B7 GV
	BOLT, ASTM A 193 GRADE B7 GALV	67670M	14	12		EA	BOLT A193 GR B7 GV

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BOLT, ASTM A 394 TYPE 0 GALV	67671	14	12		EA	BOLT A394 TY-0 GV
D	BOLT, ASTM A394, TYPE 0 GALV	67671M	14	12		EA	BOLT A394 TY-0 GV
	BOLT, ASTM A449, TYPE 1, COUNTER SUNK HEAD	67672	14	12		PC	BOLT A449 CONTR SUNK
	BOLT, ASTM A449, TYPE 1, COUNTER SUNK HEAD	67672M	14	12		EA	BOLT A449 CONTR SUNK
D	BOLT, ASTM A490, TYPE 3	67673	14	12		LB	BOLT A 490 TY 3
D	BOLT, ASTM A490, TYPE 3	67673M	14	12		EA	BOLT A 490 TY 3
	TURNBUCKLE, PLAIN	67674				PC	TURNBUCKLE PLAIN
	TURNBUCKLE, PLAIN	67674M				EA	TURNBUCKLE PLAIN
	BOLT, LAG, STAINLESS STEEL	67675	14	12		PC	BOLT LAG STAINLESS
	BOLT, LAG, STAINLESS STEEL	67675M	14	12		EA	BOLT LAG STAINLESS
D	NUT, ASTM A194, GRADE 2 LOCK	67701	14		53	PC	NUT A194 GR 2 LK
D	NUT, AASHTO M292M, GRADE 2 LOCK	67701M	14		53	EA	NUT M292M GR 2 LK
D	NUT, ASTM A194, GRADE 2H LOCK	67702	14		53	PC	NUT A194 GR 2H LK
D	NUT, AASHTO M292M, GRADE 2H LOCK	67702M	14		53	EA	NUT M292M GR 2H LK
D	NUT, ASTM A194, GRADE 2 GALV.	67703	14		53	PC	NUT A194 GR 2 GV
D	NUT, AASHTO M292M, GRADE 2 GALV.	67703M	14		53	EA	NUT M292 GR 2 GV
	NUT, ASTM A194, GRADE 2H GALV.	67704	14		53	PC	NUT A194 GR 2H GV
	NUT, AASHTO M292M, GRADE 2H GALV.	67704M	14		53	EA	NUT M292 GR 2H GV
D	NUT, ASTM A194, GRADE 2 LOCK GALV.	67705	14		53	PC	NUT A194 GR 2 GVLK
D	NUT, AASHTO M242M GRADE 2 LOCK GALV.	67705M	14		53	EA	NUT M292M GR 2 GVLK
	NUT, ASTM A194, GRADE 2H LOCK GALV.	67706	14		53	PC	NUT A194 GR 2H GVLK
	NUT, AASHTO M292M, GRADE 2H LOCK GALV.	67706M	14		53	EA	NUT M292M GR 2H GVLK
D	NUT, ASTM A194, GRADE 8	67707	14		53	PC	NUT A194 GR 8
D	NUT, AASHTO M242M, GRADE 8	67707M	14		53	EA	NUT M292M GR 8

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	NUT, ASTM A194, GRADE 8F	67708	14		53	PC	NUT A194 GR 8F
D	NUT, AASHTO M242M, GRADE 8F	67708M	14		53	EA	NUT M292M GR 8F
D	NUT, ASTM A194, GRADE 8 LOCK	67709	14		53	PC	NUT A194 GR 8 LK
D	NUT, AASHTO M242M, GRADE 8 LOCK	67709M	14		53	EA	NUT M242M GR 8 LK
D	NUT, ASTM A194, GRADE 8F LOCK	67710	14		53	PC	NUT A194 GR 8F LK
D	NUT, AASHTO M242M, GRADE 8F LOCK	67710M	14		53	EA	NUT M242M GR 8F LK
D	NUT, ASTM A563, GRADE C GALV.	67711	14			PC	NUT A563 GR C GV
D	NUT, AASHTO M291M, GRADE C GALV.	67711M	14			EA	NUT M291M GR C GV
D	NUT, ASTM A563, GRADE C LOCK GALV.	67712	14			PC	NUT A563 GRC LKGV
D	NUT, AASHTO M291M, GRADE C LOCK GALV.	67712M	14			EA	NUT M291M GRC LKGV
D	NUT, ASTM A 307, LOCK	67713	14		53	PC	NUT A307 LOCK
D	NUT, ASTM A 307, GALV.	67714	14		53	PC	NUT A307 GALV
D	NUT, ASTM A 307, LOCK GALV.	67715	14		53	PC	NUT A307 LOCK GV
	NUT, ASTM A563, GRADE D GALV.	67716	14			PC	NUT A563 GR D GV
	NUT, AASHTO M291M, GRADE D GALV.	67716M	14			EA	NUT M291M GR D GV
	NUT, ASTM A563, GRADE DH GALV.	67717	14			PC	NUT A563 GR DH GV
	NUT, AASHTO M291M, GRADE DH GALV.	67717M	14			EA	NUT M291M GR DH GV
	NUT, ASTM A563, GRADE D LOCK	67718	14			PC	NUT A563 GR D LK
	NUT, AASHTO M291M, GRADE D LOCK	67718M	14			EA	NUT M291M GR D LK
	NUT, ASTM A563, GRADE DH LOCK	67719	14			PC	NUT A563 GR DH LK
	NUT, AASHTO M291M, GRADE DH LOCK	67719M	14			EA	NUT M291M GR DH LK
	NUT, ASTM A563, GRADE D LOCK GALV.	67720	14			PC	NUT A563 GR D LKGV
	NUT, AASHTO M291M, GRADE D LOCK GALV.	67720M	14			EA	NUT M291M GR D LKGV
	NUT, ASTM A563, GRADE DH LOCK GALV.	67721	14			PC	NUT A563 GR DH LKGV

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	NUT, AASHTO M291M, GRADE DH LOCK GALV.	67721M	14			EA	NUT M291M GR DH LKGV
D	NUT, ASTM A 307	67722	14			PC	NUT A307
	NUT, SLEEVE	67723	14			PC	NUT SLEEVE
	NUT, SLEEVE	67723M	14			EA	NUT SLEEVE
D	NUT, TRACK, AREA	67724	14			PC	NUT TRACK AREA
D	NUT, TRACK, AREA	67724M	14			EA	NUT TRACK AREA
D	NUT, ASTM A563, GRADE A CADMIUM PLATED	67725	14			PC	NUT A563 GR A CDPL
D	NUT, AASHTO M291M, GRADE A CADMIUM PLATED	67725M	14			EA	NUT M291M GR A CDPL
	NUT, ASTM A563, GRADE B	67726	14		53	PC	NUT A563 GR B
	NUT, AASHTO M291M, GRADE B	67726M	14		53	EA	NUT M291M GR B
	NUT, ASTM A563, GRADE B GALV.	67727	14		53	PC	NUT A563 GR B GV
	NUT, AASHTO M291M, GRADE B GALV.	67727M	14		53	EA	NUT M291M GR B GV
	NUT, ASTM A563, GRADE A	67728	14		53	PC	NUT A563 GR A
	NUT, AASHTO M291M, GRADE A	67728M	14		53	EA	NUT M291M GR A
	NUT, ASTM A563, GRADE A GALV.	67729	14		53	PC	NUT A563 GR A GV
	NUT, AASHTO M291M, GRADE A GALV.	67729M	14		53	EA	NUT M291M GR A GV
	NUT, ASTM A563, GRADE A LOCK GALV.	67730	14			PC	NUT A563 GR A LKGV
	NUT, AASHTO M291M, GRADE A LOCK GALV.	67730M	14			EA	NUT M291M GR A LKGV
	NUT, STAINLESS STEEL	67731	14			PC	NUT STAINLESS STEEL
	NUT, STAINLESS STEEL	67731M	14			EA	NUT STAINLESS STEEL
	NUT, LOCK, STAINLESS STEEL	67732	14			PC	NUT LOCK STAINLESSST
	NUT, LOCK, STAINLESS STEEL	67732M	14			EA	NUT LOCK STAINLESSST
D	NUT, ASTM A563, GRADE C3 GALV	67733	14			PC	NUT A563 GR C3 GALV
D	NUT, AASHTO M291M, GRADE C3 GALV	67733M	14			EA	NUT M291M GR C3 GALV

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	NUT, ASTM A563, GRADE DH3	67734	14			PC	NUT A563 GR DH3
	NUT, AASHTO M291M, GRADE DH3	67734M	14			EA	NUT M291M GR DH3
	NUT, AASHTO M291, GRADE DH3 LOCK	67735	14			EA	NUT M291 GR DH3 LK
	NUT, ASTM A563, GRADE B LOCK GALV.	67736	14			PC	NUT A563 GR B LKGV
	NUT, AASHTO M291M, GRADE B LOCK GALV.	67736M	14			EA	NUT M291M GR B LKGV
	WASHER, ASTM F 436, CARBON STEEL GALV.	67801	14			PC	WASHER F436 CSTL GV
	WASHER, AASHTO M293 CARBON STEEL GALV.	67801M	14			EA	WASHER M293 CSTL GV
	WASHER, FLAT, CARBON STEEL	67802	14			PC	WASHER FLAT CSTL
	WASHER, FLAT, CARBON STEEL	67802M	14			EA	WASHER FLAT CSTL
	WASHER, LOCK, CARBON STEEL	67803	14			PC	WASHER LOCK CSTL
	WASHER, LOCK, CARBON STEEL	67803M	14			EA	WASHER LOCK CSTL
	WASHER, FLAT, GALV, CARBON STEEL	67804	14			PC	WASHER FLAT GV CSTL
	WASHER, FLAT, GALV, CARBON STEEL	67804M	14			EA	WASHER FLAT GV CSTL
	WASHER, LOCK, GALV, CARBON STEEL	67805	14			PC	WASHER LOCK GV CSTL
	WASHER, LOCK, GALV, CARBON STEEL	67805M	14			EA	WASHER LOCK GV CSTL
	WASHER, FLAT, ASTM A240, TYPE 302 OR 304, STAINLESS STEEL	67806	14			PC	WASHER T302 - 4FSSTL
	WASHER, FLAT, ASTM A240, TYPE 302 OR 304, STAINLESS STEEL	67806M	14			EA	WASHER T302 - 4FSSTL
	WASHER, LOCK, ASTM A240, TYPE 302 OR 304, STAINLESS STEEL	67807	14			PC	WASHER T302 - 4LSSTL
	WASHER, LOCK, ASTM A240, TYPE 302 OR 304, STAINLESS STEEL	67807M	14			EA	WASHER T302 - 4LSSTL
	WASHER, BEVELED	67808	14			PC	WASHER BEVELED
	WASHER, BEVELED	67808M	14			EA	WASHER BEVELED
	WASHER, BEVELED, GALV.	67809	14			PC	WASHER BEVELED GALV
	WASHER, BEVELED, GALV.	67809M	14			EA	WASHER BEVELED GALV
D	WASHER, O.G.	67810	14			PC	WASHER O G

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WASHER, O.G.	67810M	14			EA	WASHER O G
D	WASHER, O.G., GALV.	67811	14			PC	WASHER O G GALV
D	WASHER, O.G., GALV.	67811M	14			EA	WASHER O G GALV
D	WASHER, TRACK, SPRING, AREA	67812	14			PC	WASHER TRACK SP AREA
D	WASHER, TRACK, SPRING, AREA	67812M	14			EA	WASHER TRACK SP AREA
D	WASHER, FLAT, CADMIUM PLATED, CARBON STEEL	67813	14			PC	WASHER FLAT CDPLCSTL
D	WASHER, FLAT, CADMIUM PLATED, CARBON STEEL	67813M	14			EA	WASHER FLAT CDPLCSTL
D	WASHER, LOCK, CADMIUM PLATED, CARBON STEEL	67814	14			PC	WASHER LOCK CDPLCSTL
D	WASHER, LOCK, CADMIUM PLATED, CARBON STEEL	67814M	14			EA	WASHER LOCK CDPLCSTL
	WASHER, SQUARE, GALV	67815	14	16	13	PC	WASHER SQUARE GALV
	WASHER, SQUARE, GALV	67815M	14	16	13	EA	WASHER SQUARE GALV
D	WASHER, BEVELED, STAINLESS STEEL	67816	14			PC	WASHER BEVEL SSTL
D	WASHER, BEVELED, STAINLESS STEEL	67816M	14			EA	WASHER BEVEL SSTL
D	WASHER, FLAT, ASTM A276, TYPE 410, STAINLESS STEEL	67817	14			PC	WASHER T410 FSSTL
D	WASHER, FLAT, ASTM A276, TYPE 410, STAINLESS STEEL	67817M	14			EA	WASHER T410 FSSTL
D	WASHER, ASTM F436, WEATHERING STEEL GALV.	67818	14			PC	WASHER F436 WTHSTLGV
D	WASHER, AASHTO M293, WEATHERING STEEL GALV.	67818M	14			EA	WASHER M293 WTHSTLGV
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, A325 BLACK	67819	14			PC	WASHER F959 DTI 325B
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, TYPE 325 BLACK	67819M	14			EA	WASHER F959 DTI 325B
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, A325 GALV	67820	14			PC	WASHER F959 DTI 325G
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, TYPE 325 GALV	67820M	14			EA	WASHER F959 DTI 325G
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, A490 BLACK	67821	14			PC	WASHER F959 DTI 490B
	WASHER, ASTM F959, DIRECT TENSION INDICATOR, TYPE 490 BLACK	67821M	14			EA	WASHER F959 DTI 490B
D	WASHER, ASTM F959, DIRECT TENSION INDICATOR, A490 GALV	67822	14			PC	WASHER F959 DTI 490G

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WASHER, ASTM F959, DIRECT TENSION INDICATOR, TYPE 490 GALV	67822M	14			EA	WASHER F959 DTI 490G
D	METAL JOINT, LONGITUDINAL, TYPE A	67901	11X41	12		LINFT	METAL JOINT LG TYA
D	METAL JOINT, LONGITUDINAL, TYPE A	67901M	11X41	12		METER	METAL JOINT LG TYA
D	METAL JOINT, LONGITUDINAL, TYPE C	67902	11X41	12		LINFT	METAL JOINT LG TYC
D	METAL JOINT, LONGITUDINAL, TYPE C	67902M	11X41	12		METER	METAL JOINT LG TYC
D	METAL JOINT, LONGITUDINAL, CHANNEL PIN	67903	41	12		PC	METAL JOINT LG CHPIN
D	METAL JOINT, LONGITUDINAL, CHANNEL PIN	67903M	41	12		EA	METAL JOINT LG CHPIN
D	METAL JOINT, LONGITUDINAL, CHAIR	67904	11X41	12		PC	METAL JOINT LG CHAIR
D	METAL JOINT, LONGITUDINAL, CHAIR	67904M	11X41	12		EA	METAL JOINT LG CHAIR
	METAL JOINT, LONGITUDINAL, TYPE C, GALV	67905	11	41	12	LINFT	METAL JNT LGTYC GALV
	METAL JOINT, LONGITUDINAL, TYPE C, GALV	67905M	11	41	12	METER	METAL JNT LGTYC GALV
D	CRIBBING, STEEL	68001	16	13X12		SQFT	CRIBBING STEEL
D	CRIBBING, STEEL	68001M	16	13X12		SQ M	CRIBBING STEEL
D	FORMS, PERMANENT BRIDGE DECK, GALV.	68002	16	13X12		SQFT	FORMS PMT BR DK GALV
D	FORMS, PERMANENT BRIDGE DECK, GALV.	68002M	16	13X12		SQ M	FORMS PMT BR DK GALV
D	PLATE, TUNNEL LINER	68003	16	13X12		SQFT	PLATE TUNNEL LINER
D	PLATE, TUNNEL LINER	68003M	16	13X12		SQ M	PLATE TUNNEL LINER
D	STEP, MANHOLE, GALV ROD	68004	14			PC	STEPS MANHOLE GVROD
D	STEP, MANHOLE, GALV ROD	68004M	14			EA	STEPS MANHOLE GVROD
	PIPE CASING	68005	14	16		LINFT	PIPE CASING
	PIPE CASING	68005M	14	16		METER	PIPE CASING
D	WELD, STEEL PIPE	68006				N/A	WELD STEEL PIPE
D	WELD, STEEL PIPE	68006M				NA	WELD STEEL PIPE
	SHOES, PILE	68007	16	87		PC	SHOES PILE

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	SHOES, PILE	68007M	16	87		EA	SHOES PILE
	ANCHOR, EXPANSION FOR ANCHOR BOLTS	68008	14	12		PC	AN EXP AN BOLT
	ANCHOR, EXPANSION FOR ANCHOR BOLTS	68008M	14	12		EA	AN EXP AN BOLT
D	ANCHOR, EXPANSION FOR ANCHOR BOLTS, SELF DRILLING	68009	14	12		PC	AN EXP AN BOLT SD
D	ANCHOR, EXPANSION FOR ANCHOR BOLTS, SELF DRILLING	68009M	14	12		EA	AN EXP AN BOLT SD
D	PIPE, GAS, STEEL	68010	14			LINFT	PIPE GAS STEEL
D	PIPE, GAS, STEEL	68010M	14			METER	PIPE GAS STEEL
D	PIPE, GAS, CAST IRON	68011	14	12		LINFT	PIPE GAS CAST IRON
	PIPE, STEEL, BLACK.	68012	14			LINFT	PIPE STEEL BLACK
	PIPE, STEEL, BLACK.	68012M	14			METER	PIPE STEEL BLACK
D	WELD, STRUCTURAL STEEL	68013				N/A	WELD STRUCT STEEL
D	WELD, STRUCTURAL STEEL	68013M				NA	WELD STRUCT STEEL
D	SPIRAL DUCT, GALV STEEL	68014	14			LINFT	SPIRAL DUCT GV ST
D	SPIRAL DUCT, GALV STEEL	68014M	14			METER	SPIRAL DUCT GV ST
	PIPE, STEEL, GALVANIZED	68015	14			LINFT	PIPE STEEL GALV
	PIPE, STEEL, GALVANIZED	68015M	14			METER	PIPE STEEL GALV
D	ELBOW PIPE BLACK STEEL	68016	14			EA	ELBOW PIPE BLK STEEL
D	ELBOW PIPE BLACK STEEL	68016M	14			EA	ELBOW PIPE BLK STEEL
D	RETAINING WALL, METAL BIN-TYPE	68017	16	12X13		SQFT	RETAIN WALL METALBIN
D	RETAINING WALL, METAL BIN-TYPE	68017M	16	12X13		SQ M	RETAIN WALL METALBIN
	GABIONS	68018				CUYD	GABIONS
	GABIONS	68018M				CU M	GABIONS
	SLOPE MATTRESS	68019	11			SQYD	SLOPE MATTRESS
	SLOPE MATTRESS	68019M	11			SQ M	SLOPE MATTRESS

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	STRIP, STEEL, REINFORCED EARTH, EPOXY COATED, ASTM A570 GR50	68020				LINFT	STRIP STL EC A570 50
D	STRIP, STEEL, REINFORCED EARTH, EPOX COATED, ASTM A570MGR345	68020M				METER	STRIP ST EC A570M345
	STRIP, STEEL, REINFORCED EARTH, GALV, ASTM A570 GR50	68021				LINFT	STRIP STL GV A570 50
	STRIP, STEEL, REINFORCED EARTH, GALV, ASTM 570M GR345	68021M				METER	STRP STL GV A570M345
	STRIP, STEEL, REINFORCED EARTH, GALV, ASTM A570 GR65	68022				LINFT	STRIP STL GV A570 65
	STRIP, STEEL, REINFORCED EARTH, GALV, ASTM A570M GR450	68022M				METER	STRIP STL GV 570M450
	RODS, TRANS TIE GALV, PRECAST STRUCTURE	68101	14	12		PC	RODS TRANS TIE GV
	RODS, TRANS TIE GALV, PRECAST STRUCTURE	68101M	14	12		EA	RODS TRANS TIE GV
D	RODS, DOWEL, GALV FOR PRECAST STRUCTURES, ASTM A663	68102	14	12		PC	RODS DOWEL GV
D	RODS, DOWEL, GALV FOR PRECAST STRUCTURES, ASTM A663M	68102M	14	12		EA	RODS DOWEL GV
D	RODS, DOWEL, GALV FOR PRECAST STRUCTURES, AASHTO M31	68103	14	12		PC	RODS DOWEL GV
D	RODS, DOWEL, GALV FOR PRECAST STRUCTURES, AASHTO M31M	68103M	14	12		EA	RODS DOWEL GV
	RODS, THREADED	68104	14	12		PC	RODS THREADED
	RODS, THREADED	68104M	14	12		EA	RODS THREADED
D	RESTRAINER, PRECAST PRESTRESSED CONCRETE BRIDGE BEAM	68105				EA	RESTRAINER PPCN BEAM
D	RESTRAINER, PRECAST PRESTRESSED CONCRETE BRIDGE BEAM	68105M				EA	RESTRAINER PPCN BEAM
	BAR, STAINLESS STEEL FOR HANDRAIL ASTM A276, TYPE 302	68201	16	89		PC	BAR STL STA T302
	BAR, STAINLESS STEEL FOR HANDRAIL ASTM A276, TYPE 302	68201M	16	89		EA	BAR STL STA T302
D	BAR, RAIL JOINT, HIGH CARBON, AREA	68202	13X11	12		PC	BAR RAIL JT HC AREA
D	BAR, RAIL JOINT, HIGH CARBON, AREA	68202M	13X11	12		EA	BAR RAIL JT HC AREA
	BAR, ROUND, ASTM A193, GRADE B7, RYPW 4142	68203	14	12		PC	BAR RD A193 B7 4142
	BAR, ROUND, ASTM A193M, GRADE B7, RYPW 4142	68203M	14	12		EA	BAR RD A193MB7 4142
D	BAR, POT BEARING KEY GUIDE, AASHTO M169	68204	16	13X12		PC	BAR KEY GUIDE M169
D	BAR, POT BEARING KEY GUIDE, AASHTO M169	68204M	16	13X12		EA	BAR KEY GUIDE M169

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CUTTING EDGES, GRADER BLADES (M-37)	68301	16	13X12		PC	CUT EDGES GB M37
D	CUTTING EDGES, GRADER BLADES (M-37)	68301M	16	13X12		EA	CUT EDGES GB M37
D	CUTTING EDGES, SNOW PLOW BLADES (M-50)	68302	16	13X12		PC	CUT EDGES SPB M50
D	CUTTING EDGES, SNOW PLOW BLADES (M-50)	68302M	16	13X12		EA	CUT EDGES SPB M50
D	CUTTING INSERTS, SNOW PLOW BLADES TUNGSTEN CARBIDE	68303	16	13X12		PC	CUT INSERTS SPB TC
D	CUTTING INSERTS, SNOW PLOW BLADES TUNGSTEN CARBIDE	68303M	16	13X12		EA	CUT INSERTS SPB TC
D	CUTTING BITS	68304	16	13X12		PC	CUTTING BITS
D	CUTTING BITS	68304M	16	13X12		EA	CUTTING BITS
	FRAME AND GRATE, GALV.	68401	6	89		SQFT	FRAME & GRATE GALV
	FRAME AND GRATE, GALV.	68401M	6	89		SQ M	FRAME & GRATE GALV
	FRAME, GALV.	68402	6	89		SQFT	FRAME GALV
	FRAME, GALV.	68402M	6	89		SQ M	FRAME GALV
D	GRATE, BIT. PAINTED	68403	6	13X12		SQFT	GRATE BIT PAINTED
D	GRATE, BIT. PAINTED	68403M	6	13X12		SQ M	GRATE BIT PAINTED
	GRATE, GALV.	68404	6	89		SQFT	GRATE GALV
	GRATE, GALV.	68404M	6	89		SQ M	GRATE GALV
	GRATE, SPECIAL DEFORMED BAR	68405	12	13		SQFT	GRATE SPEC-DEF BAR
	GRATE, SPECIAL DEFORMED BAR	68405M	12	13		SQ M	GRATE SPEC-DEF BAR
	RING, ADJUSTING, STEEL	68406				EA	RING ADJUSTING STEEL
	RING, ADJUSTING, STEEL	68406M				EA	RING ADJUSTING STEEL
	GRATING, CONCRETE FLARED END SECTION, STEEL	68407	14			EA	GRATE CN FLAREND SEC
	GRATING, CONCRETE FLARED END SECTION, STEEL	68407M	14			EA	GRATE CN FLAREND SEC
	GRATING, CONCRETE HEADWALL, STEEL	68408				EA	GRATE CN HEADWALL ST
	GRATING, CONCRETE HEADWALL, STEEL	68408M				EA	GRATE CN HEADWALL ST

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	GRATED INLET, STEEL PIPE, GALV	68409				EA	GRATED INLET STL GALV
	GRATED INLET, STEEL PIPE, GALV	68409M				EA	GRATED INLET STL GALV
D	GRATE, STEEL, PAINTED	68410	12	13		SQFT	GRATE STL PAINTED
D	GRATE, STEEL, PAINTED	68410M	12	13		SQ M	GRATE STL PAINTED
	JUNCTION BOX, STAINLESS STEEL	68411	12	13	15	EA	JUNCBX STAINLESS STL
	JUNCTION BOX, STAINLESS STEEL	68411M	12	13	15	EA	JUNCBX STAINLESS STL
	JUNCTION BOX LID, STAINLESS STEEL	68412	12	13		EA	JUNCBX LID STNLS STL
	JUNCTION BOX LID, STAINLESS STEEL	68412M	12	13		EA	JUNCBX LID STNLS STL
	JUNCTION BOX LID, STEEL	68413	12	13		EA	JUNCBX LID STEEL
	JUNCTION BOX LID, STEEL	68413M	12	13		EA	JUNCBX LID STEEL
	GRATED END SECTION, STEEL PIPE, GALV	68414				EA	GRATE END SEC STL GAV
	GRATED END SECTION, STEEL PIPE, GALV	68414M				EA	GRATE END SEC STL GAV
	RISERS, CATCH BASIN, STEEL	68415				EA	RISER CATCH BASN STL
	RISERS, CATCH BASIN, STEEL	68415M				EA	RISER CATCH BASN STL
D	CHAINS, SAFETY	68501				LINFT	CHAINS SAFETY
D	CHAINS, SAFETY	68501M				METER	CHAINS SAFETY
	DRAINS, DECK, STEEL TUBE, GALV	68601	28	12		EA	DRAIN DECK STTUBE GV
	DRAINS, DECK, STEEL TUBE, GALV	68601M	28	12		EA	DRAIN DECK STTUBE GV
	SCUPPERS, DRAINAGE, GALV	68602	14			EA	SCUPPER DRAIN GALV
	SCUPPERS, DRAINAGE, GALV	68602M	14			EA	SCUPPER DRAIN GALV
D	DRAINS, DECK, YOLOY STEEL	68603	14			LINFT	DRAIN DECK YOLOY ST
D	DRAINS, DECK, YOLOY STEEL	68603M	14			METER	DRAIN DECK YOLOY ST
	SHEET, STAINLESS STEEL	68604		16		SQFT	SHEET STAINLESS STL
	SHEET, STAINLESS STEEL	68604M		16		SQ M	SHEET STAINLESS STL

SEQ: MATCODE

MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	COTTER PINS	68605	14	12		PC	COTTER PINS
	COTTER PINS	68605M	14	12		EA	COTTER PINS
	BAND, PIER REPAIR, STEEL	68606				EA	BAND PIER REPAIR ST
	BAND, PIER REPAIR, STEEL	68606M				EA	BAND PIER REPAIR ST
	CABLE, AIRCRAFT, CLEAR VINYL COATED	68607				LINFT	CABLE AIRCRAFT CVCT
	CABLE, AIRCRAFT, CLEAR VINYL COATED	68607M				METER	CABLE AIRCRAFT CVCT
D	SHEET, STEEL, UNCOATED	68608	16	13	12	LB	SHEET STEEL UNCOATED
D	SHEET, STEEL, UNCOATED	68608M	16	13	12	KG	SHEET STEEL UNCOATED
	CABLE, STAINLESS STEEL	68609				LINFT	CABLE STAINLESS STL
	CABLE, STAINLESS STEEL	68609M				METER	CABLE STAINLESS STL
	CLIP, SIGN PANEL, STAINLESS STEEL	68610				EA	CLIP SIGN PAN SSTL
	CLIP, SIGN PANEL, STAINLESS STEEL	68610M				EA	CLIP SIGN PAN SSTL
	RAILING, HAND, STEEL PIPE, PAINTED	68611	34	28		LINFT	RAIL HND STLPIP PNT
	RAILING, HAND, STEEL PIPE, PAINTED	68611M	34	28		METER	RAIL HND STLPIP PNT
	RAILING, HAND, STEEL PIPE, GALV.	68612	34	28		LINFT	RAIL HND STLPIP GALV
	RAILING, HAND, STEEL PIPE, GALV.	68612M	34	28		METER	RAIL HND STLPIP GALV
D	SPIKE, TRACK, HIGH CARBON, AREA	68701	13	12		PC	SPIKE TRACK HC AREA
D	SPIKE, TRACK, HIGH CARBON, AREA	68701M	13	12		EA	SPIKE TRACK HC AREA
D	NAIL, GALV	68702	41			LB	NAIL GALV
D	NAIL, GALV	68702M	41			KG	NAIL GALV
	BRIDGE, PREFABRICATED STEEL, PEDESTRIAN	68703				EA	BRIDGE PF STEEL PED
	BRIDGE, PREFABRICATED STEEL, PEDESTRIAN	68703M				EA	BRIDGE PF STEEL PED
D	STEEL, MISCELLANEOUS INVESTIGATION	69999				EA	STEEL MISCL INV
D	STEEL, MISCELLANEOUS INVESTIGATION	69999M				EA	STEEL MISCL INV

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MASTER MATERIAL CODE DATA BASE LISTING BY MATERIAL CODE
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MATERIAL GROUP: 675 MISCELLANEOUS STEEL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
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SEQ: MATCODE

MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	MISCELLANEOUS (TEST SAMPLE)	70000				EA	MISC (TEST SAMPLE)
D	ASBESTOS, CHRYSOTILE	70101				TONS	ASBESTOS CHRYSOTILE
D	GRAFFITI PROTECTION COATING	70110				SQYD	GRAFFITI PROTCN CTG
D	GRAFFITI PROTECTION COATING	70110M				SQ M	GRAFFITI PROTCN CTG
D	CLEAR PROTECTIVE COATING FOR CONCRETE	70111				SQFT	CLEAR PROT COAT CONC
D	CLEAR PROTECTIVE COATING FOR CONCRETE	70111M				SQ M	CLEAR PROT COAT CONC
D	PROTECTIVE COAT FOR CONCRETE SPECIAL	70112				SQYD	PRO COAT CONC SPEL
D	PROTECTIVE COAT FOR CONCRETE SPECIAL	70112M				SQ M	PROT COAT CONC SPEL
	BLANKETS, CURING BURLAP	70201				SQYD	BLANKET CURING BUR
	BLANKETS, CURING BURLAP	70201M				SQ M	BLANKET CURING BUR
	BLANKETS, CURING WATERPROOF	70202				SQYD	BLANKET CURING WAP
	BLANKETS, CURING WATERPROOF	70202M				SQ M	BLANKET CURING WAP
	BLANKETS, CURING WHITE POLYETHYLENE SHEETING	70203				SQYD	BLANKET CURING WPE
	BLANKETS, CURING WHITE POLYETHYLENE SHEETING	70203M				SQ M	BLANKET CURING WPE
	BLANKETS, CURING BURLAP, POLYETHYLENE	70204				SQYD	BLANKET CURING BURPE
	BLANKETS, CURING BURLAP, POLYETHYLENE	70204M				SQ M	BLANKET CURING BURPE
	BLANKETS, CURING COTTON MATS	70205				SQYD	BLANKET CURING COT
	BLANKETS, CURING COTTON MATS	70205M				SQ M	BLANKET CURING COT
	BLANKETS, CURING WHITE CELLULOSE POLYETHYLENE	70206				SQYD	BLANKET CURING WCPE
	BLANKETS, CURING WHITE CELLULOSE POLYETHYLENE	70206M				SQ M	BLANKET CURING WCPE
	BLANKET, CURING WHITE SYNTHETIC FIBER POLYMER POLYETHYLENE	70207				SQYD	BLANKET CURING SFPP
	BLANKET, CURING WHITE SYNTHETIC FIBER POLYMER POLYETHYLENE	70207M				SQ M	BLANKET CURING SFPP
	PADS, BEARING, FABRIC	70301	16	12	13	EA	PADS BEARING FABRIC
	PADS, BEARING, FABRIC	70301M	16	12	13	EA	PADS BEARING FABRIC

SEQ: MATCODE

MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PADS, BEARING, GRAPHITED, ASBESTOS	70302	16	12	13	EA	PADS BEARING GPASB
D	PADS, BEARING, GRAPHITED, ASBESTOS	70302M	16	12	13	EA	PADS BEARING GPASB
	PADS, BEARING, ELASTOMERIC COMPOSITE TYPE 1	70303	16	12	13	EA	PADS BEARING EC TY1
	PADS, BEARING, ELASTOMERIC COMPOSITE TYPE 1	70303M	16	12	13	EA	PADS BEARING EC TY1
D	PADS, BEARING, NEOPRENE (PLAIN)	70304	16	12	13	EA	PADS BEARING NP
D	PADS, BEARING, NEOPRENE (PLAIN)	70304M	16	12	13	EA	PADS BEARING NP
	NEOPRENE, SHEET	70305				EA	NEOPRENE SHEET
	NEOPRENE, SHEET	70305M				EA	NEOPRENE SHEET
	PADS, BEARING, ELASTOMERIC PTFE, TYPE 2	70306	16	12	13	EA	PAD BEAR EL PTFE TY2
	PADS, BEARING, ELASTOMERIC PTFE, TYPE 2	70306M	16	12	13	EA	PAD BEAR EL PTFE TY2
	RUBBER, SHEET, NATURAL	70307				EA	RUBBER NATURAL
	RUBBER, SHEET, NATURAL	70307M				EA	RUBBER NATURAL
	POT BEARING (HLMR)	70308	68	75		EA	POT BEARING (HLMR)
	POT BEARING (HLMR)	70308M	68	75		EA	POT BEARING (HLMR)
D	TUBE, TRAFFIC COUNTER, RUBBER	70309				EA	TUBE TRFC CTR RUB
D	TUBE, TRAFFIC COUNTER, RUBBER	70309M				EA	TUBE TRFC CTR RUB
D	NEOPRENE, REINFORCED TROUGH	70310	16	13		LINFT	NEOPRENE REIN TROUGH
D	NEOPRENE, REINFORCED TROUGH	70310M	16	13		METER	NEOPRENE REIN TROUGH
D	SEISMIC ISOLATION BEARING ASSEMBLY	70311				EA	SEISMIC ISOL BEARING
D	SEISMIC ISOLATION BEARING ASSEMBLY	70311M				EA	SEISMIC ISOL BEARING
	POLYETHER URETHANE ELASTOMER	70312	37			PC	POLYETHER URTHANE
	POLYETHER URETHANE ELASTOMER	70312M	37			EA	POLYETHER URTHANE
D	FLOATING BEARING, FIXED	70313	68			EA	FLOATING BEARING F
D	FLOATING BEARING, FIXED	70313M	68			EA	FLOATING BEARING F

SEQ: MATCODE

MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	FLOATING BEARING, GUIDED EXPANSION	70314	68			EA	FLOATING BEARING GE
D	FLOATING BEARING, GUIDED EXPANSION	70314M	68			EA	FLOATING BEARING GE
D	FLOATING BEARING, NON-GUIDED EXPANSION	70315	68			EA	FLOATING BEARING NGE
D	FLOATING BEARING, NON-GUIDED EXPANSION	70315M	68			EA	FLOATING BEARING NGE
	LEVELING PAD, NEOPRENE	70316	16			SQYD	LEVEL PAD NEOPRENE
	LEVELING PAD, NEOPRENE	70316M	16			SQ M	LEVEL PAD NEOPRENE
D	REINFORCED EPDM LEVELING PAD	70317	16			SQYD	REINF EPDM LEV PAD
D	REINFORCED EPDM LEVELING PAD	70317M	16			SQ M	REINF EPDM LEV PAD
D	PADS, BEARING, TEFLON EXPANSION	70318				EA	PADS BEARING TE
D	PADS, BEARING, TEFLON EXPANSION	70318M				EA	PADS BEARING TE
D	RING, ADJUSTING, RECYCLED RUBBER	70319				EA	RING ADJ REC RUBBER
D	RING, ADJUSTING, RECYCLED RUBBER	70319M				EA	RING ADJ REC RUBBER
D	PADS, BEARING, FIXED	70320	16	12	13	EA	PADS BEARING FIXED
D	PADS, BEARING, EXPANSION	70321	16	12	13	EA	PADS BEARING EXPAN
	DISK BEARING (HLMR)	70322	68	75		EA	DISK BEARING (HLMR)
	DISK BEARING (HLMR)	70322M	68	75		EA	DISK BEARING (HLMR)
	PADS, BEARING, ELASTOMERIC PTFE, TYPE 3	70323				EA	PAD BEAR EL PTFE TY3
	PADS, BEARING, ELASTOMERIC PTFE, TYPE 3	70323M				EA	PAD BEAR EL PTFE TY3
	BRICK, FACE, CLAY OR SHALE	70401	16	12	13	EA	BRICK FC CLAY/SHALE
	BRICK, FACE, CLAY OR SHALE	70401M	16	12	13	EA	BRICK FC CLAY-SHALE
	BRICK, SEWER, CLAY OR SHALE	70402	16	12	13	EA	BRICK SWR CLAY/SHALE
	BRICK, SEWER, CLAY OR SHALE	70402M	16	12	13	EA	BRICK SWR CLAY-SHALE
	BRICK, BLDG., CLAY OR SHALE	70403	16	12	13	EA	BRICK BLD CLAY/SHALE
	BRICK, BLDG., CLAY OR SHALE	70403M	16	12	13	EA	BRICK BLD CLAY-SHALE

SEQ: MATCODE

MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	TILE, CERAMIC	70404				EA	TILE CERAMIC
	BRICK, PAVING, CLAY OR SHALE	70405	16	12	13	EA	BRICK PAV CLAY-SHALE
	BRICK, PAVING, CLAY OR SHALE	70405M	16	12	13	EA	BRICK PAV CLAY-SHALE
	TAPE, PAVEMENT MARKING, WHITE TYPE1	70501	13			LINFT	TAPE PVT MK WH TY1
	TAPE, PAVEMENT MARKING, WHITE, TYPE1	70501M	13			METER	TAPE PVT MK WH TY1
	TAPE, PAVEMENT MARKING, YELLOW TYPE1	70502	13			LINFT	TAPE PVT MK YL TY1
	TAPE, PAVEMENT MARKING, YELLOW, TYPE1	70502M	13			METER	TAPE PVT MK YL TY1
D	TAPE, PAVEMENT MARKING, BLACK	70503	13	32		LINFT	TAPE PVT MK BLK
	TAPE, PREFORMED PLASTIC, WHITE, TYPE B	70504	13			LINFT	TAPE PR PLAS WH TYB
	TAPE, PREFORMED PLASTIC, WHITE, TYPE B	70504M	13			METER	TAPE PR PLAS WH TYB
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE B	70505	13			LINFT	TAPE PR PLAS YL TYB
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE B	70505M	13			METER	TAPE PR PLAS YL TYB
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE B	70506				SQFT	L&S PRE PLAS WH TYB
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE B	70506M				SQ M	L&S PRE PLAS WH TYB
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE B	70507				SQFT	L&S PRE PLAS YL TYB
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE B	70507M				SQ M	L&S PRE PLAS YL TYB
	TAPE, PAVEMENT MARKING, WHITE, TYPE3	70508				LINFT	TAPE PVT MK WH TY3
	TAPE, PAVEMENT MARKING, WHITE, TYPE3	70508M				METER	TAPE PVT MK WH TY3
	TAPE, PAVEMENT MARKING, YELLOW, TYPE3	70509				LINFT	TAPE PVT MK YL TY3
	TAPE, PAVEMENT MARKING, YELLOW, TYPE3	70509M				METER	TAPE PVT MK YL TY3
D	TAPE, PAVEMENT MARKING, DURA, WHITE	70510	13			LINFT	TAPE PVT MK WH DURA
D	TAPE, PAVEMENT MARKING, DURA, YELLOW	70511	13			LINFT	TAPE PVT MK YL DURA
D	TAPE, PAVEMENT MARKING, BLACK TYPE3	70512	13			LINFT	TAPE PVT MK BLKTY3
D	TAPE, PAVEMENT MARKING, BLACK TYPE3	70512M	13			METER	TAPE PVT MK BLKTY3

SEQ: MATCODE

MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	TAPE, PAVEMENT MARKING, WHITE, TYPE 4	70513	13			LINFT	TAPE PVT MK WH TY4
	TAPE, PAVEMENT MARKING, WHITE, TYPE 4	70513M	13			METER	TAPE PVT MK WH TY4
	TAPE, PAVEMENT MARKING, YELLOW, TYPE 4	70514	13			LINFT	TAPE PVT MK YL TY4
	TAPE, PAVEMENT MARKING, YELLOW, TYPE 4	70514M	13			METER	TAPE PVT MK YL TY4
	LETTER & SYMBOL, PAVEMENT MARKING, WHITE, TYPE 4	70515				SQFT	L&S PVT MK WH TY4
	LETTER & SYMBOL, PAVEMENT MARKING, WHITE, TYPE 4	70515M				SQ M	L&S PVT MK WH TY4
	LETTER & SYMBOL, PAVEMENT MARKING, YELLOW, TYPE 4	70516				SQFT	L&S PVT MK YL TY4
	LETTER & SYMBOL, PAVEMENT MARKING, YELLOW, TYPE 4	70516M				SQ M	L&S PVT MK YL TY4
	TAPE, PAVEMENT MARKING, BLACKOUT	70517				LINFT	TAPE PVT MK BLKOUT
	TAPE, PAVEMENT MARKING, BLACKOUT	70517M				METER	TAPE PVT MK BLKOUT
	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, WHITE, HOT APPL	70521	13			LINFT	TAPE PFTPLAS PVMK WH
	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, WHITE, HOT APPL	70521M	13			METER	TAPE PFTPLAS PVMK WH
	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, YELLOW, HOT APPL	70522	13			LINFT	TAPE PFTPLAS PVMK YL
	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, YELLOW, HOT APPL	70522M	13			METER	TAPE PFTPLAS PVMK YL
	LETTER&SYMBOL,PREFORM THERMOPLAS PVMT MARKING,WHITE,HOT APPL	70523				SQFT	L&S PFTPLAS PVMK WH
	LETTER&SYMBOL,PREFORMED THERMOPLAST PVMT MARK,WHITE,HOT APPL	70523M				SQ M	L&S PFTPLAS PVMK WH
	LETTER&SYBOL,PREFORM THERMOPLAS PVMT MARKING,YELLOW,HOT APPL	70524				SQFT	L&S PFTPLAS PVMK YL
	LETTER&SYMBOL,PREFORMED THERMOPLAS PVMT MARK,YELLOW,HOT APPL	70524M				SQ M	L&S PFTPLAS PVMK YL
D	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, BLACK	70525	13			LINFT	TAPE PFTPLAS PVMK BL
D	TAPE, PREFORMED THERMOPLASTIC PVMT MARKING, BLACK	70525M	13			METER	TAPE PFTPLAS PVMK BL
	TAPE, PREFORMED PLASTIC, WHITE, TYPE C	70531	13			LINFT	TAPE PR PLAS WH TYC
	TAPE, PREFORMED PLASTIC, WHITE, TYPE C	70531M	13			METER	TAPE PR PLAS WH TYC
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE C	70532	13			LINFT	TAPE PR PLAS YL TYC
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE C	70532M	13			METER	TAPE PR PLAS YL TYC

SEQ: MATCODE

MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE C	70533				SQFT	L&S PRE PLAS WH TYC
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE C	70533M				SQ M	L&S PRE PLAS WH TYC
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE C	70534				SQFT	L&S PRE PLAS YL TYC
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE C	70534M				SQ M	L&S PRE PLAS YL TYC
	TAPE, PREFORMED PLASTIC, WHITE, TYPE D	70535	13			LINFT	TAPE PR PLAS WH TYD
	TAPE, PREFORMED PLASTIC, WHITE, TYPE D	70535M	13			METER	TAPE PR PLAS WH TYD
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE D	70536	13			LINFT	TAPE PR PLAS YL TYD
	TAPE, PREFORMED PLASTIC, YELLOW, TYPE D	70536M	13			METER	TAPE PR PLAS YL TYD
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE D	70537				SQFT	L&S PRE PLAS WH TYD
	LETTER & SYMBOL, PREFORMED PLASTIC, WHITE, TYPE D	70537M				SQ M	L&S PRE PLAS WH TYD
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE D	70538				SQFT	L&S PRE PLAS YL TYD
	LETTER & SYMBOL, PREFORMED PLASTIC, YELLOW, TYPE D	70538M				SQ M	L&S PRE PLAS YL TYD
	MARKING, THERMOPLASTIC, WHITE	70601				LB	MARKING TERM WH
	MARKING, THERMOPLASTIC, WHITE	70601M				KG	MARKING TERM WH
D	MARKING, THERMOPLASTIC, YELLOW	70602	64			LB	MARKING TERM YL
D	MARKING, THERMOPLASTIC, YELLOW	70602M	64			KG	MARKING TERM YL
D	MARKING, THERMOPLASTIC, GRANULAR, WHITE	70603				LB	MARKING TERM GRAN WH
D	MARKING, THERMOPLASTIC, GRANULAR, YELLOW	70604				LB	MARKING TERM GRAN YL
D	MARKING, THERMOPLASTIC, EPOXY, WHITE	70605				LB	MARKING TERM EP WH
D	MARKING, THERMOPLASTIC, EPOXY, YELLOW	70606				LB	MARKING TERM EP YL
	MARKING, THERMOPLASTIC, YELLOW (PB & CR FREE)	70607				LB	MRK THRM YL PB FREE
	MARKING THERMOPLASTIC, YELLOW, (PB & CR FREE)	70607M				KG	MRK THRM YL PB FREE
	MARKING, THERMOPLASTIC, WHITE, HOT SPRAY	70608				LB	MRK THRM WH HS
	MARKING, THERMOPLASTIC, WHITE, HOT SPRAY	70608M				KG	MRK THRM WH HS

SEQ: MATCODE

MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	MARKING, THERMOPLASTIC, YELLOW, HOT SPRAY (PB & CR FREE)	70609				LB	MRK THRM YL HS PB FR
	MARKING, THERMOPLASTIC, YELLOW, HOT SPRAY (PB & CR FREE)	70609M				KG	MRK THRM YL HS PB FR
D	MARKING, THERMOPLASTIC, YELLOW, HOT SPRAY	70610				LB	MRK THRM YL HS
D	MARKING, THERMOPLASTIC, YELLOW, HOT SPRAY	70610M				KG	MRK THRM YL HS
	FIRE HYDRANTS	70701				EA	FIRE HYDRANTS
	FIRE HYDRANTS	70701M				EA	FIRE HYDRANTS
D	MARKER, RAISED CURB	70800				EA	MARKER RAISED CURB
D	MARKER, RAISED CURB	70800M				EA	MARKER RAISED CURB
	MARKER, RAISED PAVEMENT	70801				EA	MARKER RAISED PVMT
	MARKER, RAISED PAVEMENT	70801M				EA	MARKER RAISED PVMT
	IMPACT ATTENUATOR	70802				EA	IMPACT ATTENUATOR
	IMPACT ATTENUATOR	70802M				EA	IMPACT ATTENUATOR
D	PLUG, RUBBER, LIFT HOLES	70803				EA	PLUG RUBBER L HOLE
D	PLUG, RUBBER, LIFT HOLES	70803M				EA	PLUG RUBBER L HOLE
D	STEP, MANHOLE, WEDG. LOK., WL11	70804				EA	STEP MH WEDGLOK WL11
	RUMBLE STRIP, TEMPORARY	70805				LINFT	RUMB STRP TEMP 2298
	RUMBLE STRIP, TEMPORARY	70805M				METER	RUMB STRP TEMP 2298
	BOLLARD, STEEL & TIMBER DROP	70806				EA	BOLLARD STL TIMBER
	BOLLARD, STEEL	70807				EA	BOLLARD STL
	BOLLARD, STEEL	70807M				EA	BOLLARD STL
	MARKER, RAISED PAVEMENT, REPLACEMENT REFLECTOR	70808	37			EA	MRK RP REPL REFLECT
	MARKER, RAISED PAVEMENT, REPLACEMENT REFLECTOR	70808M	37			EA	MRK RP REPL REFLECT
	BOLLARD, ALUMINUM	70809				EA	BOLLARD ALUM
	BOLLARD, ALUMINUM	70809M				EA	BOLLARD ALUM

SEQ: MATCODE

MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	MARKER, RAISED PAVEMENT, TEMPORARY	70810	37			EA	MARKR RAISD PVMT TMP
	MARKER, RAISED PAVEMENT, TEMPORARY	70810M	37			EA	MARKR RAISD PVMT TMP
D	SOIL, SPECIAL CHLORIDE CONTENT	70900	62			EA	SOIL SP CHLORIDE
D	CLOTH, PLASTIC FILTER	70901				LINFT	CLOTH PLASTIC FILTER
D	FABRIC FILTER	70902				SQYD	FABRIC FILTER
	RING, ADJUSTING, HIGH DENSITY POLYSTYRENE, POLYUREA COATING	70903				EA	RING ADJ POLYSTYRENE
	RING, ADJUSTING, EXPANDED POLYPROPYLENE (EPP)	70904				EA	RING ADJ EPP
D	BLOCKS, STONE	71000				SQFT	BLOCKS STONE
D	BLOCKS, STONE	71000M				SQ M	BLOCKS STONE
	BEACON, AIRPORT ROTATING	72000				EA	BEACON AIRPORT ROTAT
	BEACON, AIRPORT ROTATING	72000M				EA	BEACON AIRPORT ROTAT
	BEACON TOWER, IN PLACE	72001				EA	BEACON TOWER IP
	BEACON TOWER, IN PLACE	72001M				EA	BEACON TOWER IP
	WIND CONE, 8 FOOT	72010				EA	WIND CONE 8 FT
	WIND CONE, 8 FOOT	72010M				EA	WIND CONE 8 FT
	WIND CONE, 12 FOOT	72011				EA	WIND CONE 12 FT
	WIND CONE, 12 FOOT	72011M				EA	WIND CONE 12 FT
	VAULT, CONSTRUCT TRANSFORMER	72020				EA	VAULT CONST TRANS
	VAULT, CONSTRUCT TRANSFORMER	72020M				EA	VAULT CONST TRANS
	VAULT, ERECT PREFABRICATED	72021				EA	VAULT ERECT PREFAB
	VAULT, ERECT PREFABRICATED	72021M				EA	VAULT ERECT PREFAB
	REGULATOR, CONSTANT CURRENT	72022				EA	REGULATOR CONST CURR
	REGULATOR, CONSTANT CURRENT	72022M				EA	REGULATOR CONST CURR
	MARKER, AERO RETRO REFLECTIVE	72023				EA	MARKER AERO RETREF

SEQ: MATCODE

MATERIAL GROUP: 700 MISCELLANEOUS MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	MARKER, AERO RETRO REFLECTIVE	72023M				EA	MARKER AERO RETREF
	FILTER, INLET, SEDIMENT CONTROL	72024	14			EA	FILTER INLT SED CNTL
	FILTER, INLET, SEDIMENT CONTROL	72024M	14			EA	FILTER INLT SED CNTL
	CONFINEMENT SYSTEM, CELLULAR	72025	11	12	70	SQFT	CONFINEMENT SYS CELL
	CONFINEMENT SYSTEM, CELLULAR	72025M	11	12	70	SQ M	CONFINEMENT SYS CELL
	DETECTABLE WARNINGS FOR CURB RAMPS AND OTHER LOCATIONS	72026	73			SQFT	DETECTABLE WARNINGS
	DETECTABLE WARNINGS FOR CURB RAMPS AND OTHER LOCATIONS	72026M	73			SQ M	DETECTABLE WARNINGS
	FOAM, EXPANDING POLYURETHANE, HIGH DENSITY	72027				LB	FOAM EXP POLYURE HD
	FOAM, EXPANDING POLYURETHANE, HIGH DENSITY	72027M				LITER	FOAM EXP POLYURE HD
	FILTER, INLET, SEDIMENT CONTROL, ABOVE GRADE	72028	14			EA	FILTER IN SED ABV GR
	FILTER, INLET, SEDIMENT CONTROL, ABOVE GRADE	72028M	14			EA	FILTER IN SED ABV GR
	WEIGH-IN-MOTION SYSTEM(WIM)	72029	27			EA	WEIGH-IN-MOTION SYS

SEQ: MATCODE

MATERIAL GROUP: 750 STABILIZED SOIL MIXTURES

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	FIELD SOIL COMPACTION	75000				CUYD	FIELD SOIL COMPACT
	FIELD SOIL COMPACTION	75000M				M TON	FIELD SOIL COMPACT
	MIXTURE, LIME-SOIL	75001				N/A	MIX LIME-SOIL
	MIXTURE, LIME-SOIL	75001M				NA	MIX LIME-SOIL
D	MIXTURE, LIME-FLYASH-AGGREGATE PAM	75002				TONS	MIX LIME-ASH-AGG PAM
D	MIXTURE, LIME-FLYASH-AGGREGATE PAM	75002M				M TON	MIX LIME-ASH-AGG PAM
D	MIXTURE, CEMENT AGGREGATE CAM	75003				TONS	MIX CEMENT AGG CAM
D	MIXTURE, CEMENT AGGREGATE CAM	75003M				M TON	MIX CEMENT AGG CAM
	MIXTURE, SOIL CEMENT	75004				TONS	MIX SOIL CEMENT
	MIXTURE, SOIL CEMENT	75004M				M TON	MIX SOIL CEMENT
D	MIXTURE, CEMENT FLYASH AGGREGATE CFAM	75005				TONS	MIX CEM ASH AGG CFAM
D	MIXTURE, CEMENT FLYASH AGGREGATE CFAM	75005M				M TON	MIX CEM ASH AGG CFAM
D	MIXTURE, CEMENT TREATED, OPEN-GRADED BASE COURSE	75006				TONS	MIX CEM BASE CS OGPM
D	MIXTURE, CEMENT TREATED, OPEN-GRADED BASE COURSE	75006M				M TON	MIX CEM BASE CS OGPM
	MIXTURE, FLYASH-SOIL	75007				N/A	MIX FLYASH-SOIL
	MIXTURE, FLYASH-SOIL	75007M				N/A	MIX FLYASH-SOIL

SEQ: MATCODE

MATERIAL GROUP: 775 MISCELLANEOUS METAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	BOLT, HEX HEAD, ALUMINUM	77601	14	12		LB	BOLT HEX HEAD AL
D	BOLT, HEX HEAD, ALUMINUM	77601M	14	12		KG	BOLT HEX HEAD AL
D	BOLT, ROUND HEAD, ALUMINUM	77602	14			LB	BOLT ROUND HEAD AL
D	BOLT, ROUND HEAD, ALUMINUM	77602M	14			KG	BOLT ROUND HEAD AL
D	COUPLING, BREAKAWAY SUPPORT, ALUMINUM	77603				EA	COUPLING BRKWYSUP AL
D	COUPLING, BREAKAWAY SUPPORT, ALUMINUM	77603M				EA	COUPLING BRKWYSUP AL
D	NUT, HEX, ALUMINUM	77701	14			LB	NUT HEX AL
D	NUT, HEX, ALUMINUM	77701M	14			KG	NUT HEX AL
D	A	77777				LINFT	A
D	WASHER, ALUMINUM	77801	14			LB	WASHER AL
D	WASHER, ALUMINUM	77801M	14			KG	WASHER AL
	PIPE, COPPER WATER	77901	14	19		LINFT	PIPE COPPER WATER
	PIPE, COPPER WATER	77901M	14	19		METER	PIPE COPPER WATER
D	PIPE, RED BRASS	77902	14	19		LINFT	PIPE RED BRASS
D	PIPE, RED BRASS	77902M	14	19		METER	PIPE RED BRASS
	CORPORATION STOPS, VALVE BRASS	77903				EA	CORP STOP VALVE BRAS
	CORPORATION STOPS, VALVE BRASS	77903M				EA	CORP STOP VALVE BRAS
D	SHEET, COPPER	77904				SQFT	SHEET COPPER
D	SHEET, COPPER	77904M				SQ M	SHEET COPPER
D	PLATE, BRONZE BEARING	78001				PC	PLATE BRONZE BEARING
D	PLATE, BRONZE BEARING	78001M				EA	PLATE BRONZE BEARING
D	CASTINGS, BRONZE	78002				LB	CASTING BRONZE
D	CASTINGS, BRONZE	78002M				KG	CASTING BRONZE
D	PLATE, LEAD	78101	16	13	12	PC	PLATE LEAD

SEQ: MATCODE

MATERIAL GROUP: 775 MISCELLANEOUS METAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	PLATE, LEAD	78101M	16	13	12	EA	PLATE LEAD
	PLATE, NAME	78201				PC	PLATE NAME
	PLATE, NAME	78201M				EA	PLATE NAME
	MARKER, BRONZE SURVEY	78301				PC	MARKER BRONZE SURV
	MARKER, BRONZE SURVEY	78301M				EA	MARKER BRONZE SURV
D	MARKER, MONUMENT	78302				PC	MARKER MONUMENT
D	MARKER, MONUMENT	78302M				EA	MARKER MONUMENT
D	MARKER, SECTION	78303				PC	MARKER SECTION
D	MARKER, SECTION	78303M				EA	MARKER SECTION
	COVER, (MONUMENT/SURVEY) BRASS	78304				PC	COVER (MON/SUR) BR
	COVER, (MONUMENT-SURVEY) BRASS	78304M				EA	COVER (MON-SUR) BR
D	MARKER, BENCH, STAINLESS STEEL	78305				EA	MARKER BENCH STST
D	MARKER, BENCH, STAINLESS STEEL	78305M				EA	MARKER BENCH STST
	MARKER, SURVEY, ALUM	78306				EA	MARKER SURVEY ALUM
	MARKER, SURVEY, ALUM	78306M				EA	MARKER SURVEY ALUM
D	MARKER, BENCH, BRONZE	78307				EA	MARKER BENCH BRONZE
D	MARKER, BENCH, BRONZE	78307M				EA	MARKER BENCH BRONZE
	COVER, (MONUMENT/SURVEY) ALUMINUM	78308				EA	COVER (MON/SUR) AL
	COVER, (MONUMENT-SURVEY) ALUMINUM	78308M				EA	COVER (MON-SUR) AL
D	WELD, ALUMINUM TRUSS	78401				N/A	WELD AL TRUSS
D	WELD, ALUMINUM TRUSS	78401M				NA	WELD AL TRUSS
D	GUARD ANIMAL, ALUMINUM	78500				EA	GUARD ANIMAL ALUM
D	GUARD ANIMAL, ALUMINUM	78500M				EA	GUARD ANIMAL ALUM
	DRAINS, ALUMINUM	78501	28	12	95	EA	DRAINS AL

SEQ: MATCODE

MATERIAL GROUP: 775 MISCELLANEOUS METAL

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	DRAINS, ALUMINUM	78501M	28	12	95	EA	DRAINS AL
D	DOOR, ALUMINUM ABUTMENT	78502	16	11	13	EA	DOOR AL ABUTMENT
D	DOOR, ALUMINUM ABUTMENT	78502M	16	11	13	EA	DOOR AL ABUTMENT
D	MUD JACK CYLINDERS	78503				EA	MUD JACK CYLINDERS
D	MUD JACK CYLINDERS	78503M				EA	MUD JACK CYLINDERS
	CURB PLATE, ALUM	78504	16	89		EA	CURB PLATE ALUM
	CURB PLATE, ALUM	78504M	16	89		EA	CURB PLATE ALUM
D	STEP, MANHOLE, ALUMINUM	78505				EA	STEP MANHOLE ALUM
D	STEP, MANHOLE, ALUMINUM	78505M				EA	STEP MANHOLE ALUM
	SHIELD, RODENT	78506				EA	SHIELD RODENT
	SHIELD, RODENT	78506M				EA	SHIELD RODENT
	GRATING, ALUMINUM	78507	9	6	89	SQFT	GRATING ALUMINUM
	GRATING, ALUMINUM	78507M	9	6	89	SQ M	GRATING ALUMINUM
D	SADDLE, PIPE, GALV STEEL	78601				EA	SADDLE PIPE GV ST
D	SADDLE, PIPE, GALV STEEL	78601M				EA	SADDLE PIPE GV ST

SEQ: MATCODE

MATERIAL GROUP: 800 MISCELLANEOUS MAINTENANCE MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	ANTI-FREEZE, PERMANENT TYPE	80101				GAL	ANTI-FREEZE PMTTY
D	BRUSH KILLER, AMINE-2,4,5-T (M 40)	80301				GAL	BRUSH KILL A2,4,5T
D	BRUSH KILLER, ESTER-2,4,5-T (M 24)	80302				GAL	BRUSH KILL E2,4,5T
D	WEED KILLER, AMINE-2,4-D (M 39)	80303				GAL	WEED KILL A2,4-D
D	WEED KILLER, AMINE-2,4-D (M 39)	80303M				LITER	WEED KILL A2,4-D
D	WEED KILLER, ESTER-2,4-D (M 11)	80304				GAL	WEED KILL E2,4-D
D	WEED KILLER, ESTER-2,4-D (M 11)	80304M				LITER	WEED KILL E2,4-D
D	WEED KILLER, ESTER-2(2,4,5-T (M 104)	80305				GAL	WEED KILL E2 2,4,5T
D	WEED KILLER, 2, 4-D, DICAMBA MIX	80306				GAL	WEED KILL 2 4D DICAM
D	WEED KILLER, 2, 4-D, DICAMBA MIX	80306M				LITER	WEED KILL 2 4D DICAM
D	WEED KILLER, BROMACIL DIURON	80307				LB	WEED KILL BROMACIL
D	WEED KILLER, BROMACIL DIURON	80307M				KG	WEED KILL BROMACIL
D	WEED KILLER, DIURON	80308				LB	WEED KILL DIURON
D	WEED KILLER, DIURON	80308M				KG	WEED KILL DIURON
D	WEED KILLER, CHLORSULFURON	80309				LB	WEED KILL CLORSULFUR
D	WEED KILLER, CHLORSULFURON	80309M				KG	WEED KILL CLORSULFUR
D	WEED KILLER, 2, 4-D, PICLORAM MIX	80310				GAL	WEED KIL 2 4D PICLR
D	WEED KILLER, 2, 4-D, PICLORAM MIX	80310M				LITER	WEED KIL 2 4D PICLR
D	WEED KILLER, VANQUISH	80311				GAL	WEED KIL VANQUISH
D	WEED KILLER, VANQUISH	80311M				LITER	WEED KIL VANQUISH
D	WEED KILLER, ARSENAL	80312				GAL	WEED KILL ARSENAL
D	WEED KILLER, ARSENAL	80312M				LITER	WEED KILL ARSENAL
D	WEED KILLER, TRANSLINE	80313				GAL	WEE KILL TRANSLINE
D	WEED KILLER, TRANSLINE	80313M				LITER	WEED KILL TRANSLINE

SEQ: MATCODE

MATERIAL GROUP: 800 MISCELLANEOUS MAINTENANCE MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WEED KILLER, HORIZON 2000	80314				GAL	WEED KILL HORIZ 2000
D	WEED KILLER, HORIZON 2000	80314M				LITER	WEED KILL HORIZ 2000
D	WEED KILLER, GARLON 4	80315				GAL	WEED KILL GARLON 4
D	WEED KILLER, GARLON 4	80315M				LITER	WEED KILL GARLON 4
D	WEED KILLER, 2, 4-D, LV4	80316				GAL	WEED KILL 2 4D LV4
D	WEED KILLER, 2, 4-D, LV4	80316M				LITER	WEED KILL 2 4D LV4
D	WEED KILLER, ROUNDUP HERBICIDE	80317				GAL	WEED KILL ROUNDUP
D	WEED KILLER, ROUNDUP HERBICIDE	80317M				LITER	WEED KILL ROUNDUP
D	WEED KILLER, TRICLOPYR	80318				GAL	WEED KILL TRICLOPYR
D	WEED KILLER, TRICLOPYR	80318M				LITER	WEED KILL TRICLOPYR
D	WEED KILLER, ORYZALIN	80319				GAL	WEED KILL ORYZALIN
D	WEED KILLER, ORYZALIN	80319M				LITER	WEED KILL ORYZALIN
D	WEED KILLER, PLATEAU	80320				GAL	WEED KILL PLATEAU
D	WEED KILLER, PLATEAU	80320M				LITER	WEED KILL PLATEAU
D	WEED KILLER, FUSION	80321				GAL	WEED KILL FUSION
D	WEED KILLER, FUSION	80321M				LITER	WEED KILL FUSION
D	WEED KILLER, OUTRIDER	80322				GAL	WEED KILL OUTRIDER
D	WEED KILLER, OUTRIDER	80322M				LITER	WEED KILL OUTRIDER
D	WEED KILLER, OVERDRIVE	80323				GAL	WEED KILL OVERDRIVE
D	WEED KILLER, OVERDRIVE	80323M				LITER	WEED KILL OVERDRIVE
D	WEED KILLER, RAZOR	80324				GAL	WEED KILL RAZOR
D	WEED KILLER, RAZOR	80324M				LITER	WEED KILL RAZOR
D	WEED KILLER, ESCORT XP	80325				GAL	WEED KILL ESCORT XP
D	WEED KILLER, ESCORT XP	80325M				LITER	WEED KILL ESCORT XP

SEQ: MATCODE

MATERIAL GROUP: 800 MISCELLANEOUS MAINTENANCE MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	WEED KILLER, ESCORT XP	80326				LB	WEED KILL ESCORT XP
D	WEED KILLER, ESCORT XP	80326M				KG	WEED KILL ESCORT XP
D	WEED KILLER, OUTFRIDER	80327				LB	WEED KILL OUTFRIDER
D	WEED KILLER, OUTFRIDER	80327M				KG	WEED KILL OUTFRIDER
D	WEED KILLER, OVERDRIVE	80328				LB	WEED KILL OVERDRIVE
D	WEED KILLER, OVERDRIVE	80328M				KG	WEED KILL OVERDRIVE
D	WEED KILLER, METSULFURON METHYL 60 DF	80329				LB	WEED KILL MSM 60 DF
D	WEED KILLER, METSULFURON METHYL 60 DF	80329M				KG	WEED KILL MSM 60 DF
D	WEED KILLER, MILESTONE VM	80330				GAL	WEED KILL MILESTONE
D	WEED KILLER, MILESTONE VM	80330M				LITER	WEED KILL MILESTONE
D	WEED KILLER, SNAPSHOT 2.5 TG	80331				LB	WEED KILL SNAPSHOT
D	WEED KILLER, SNAPSHOT 2.5 TG	80331M				KG	WEED KILL SNAPSHOT
	WEED KILLER	80398		61		LB	WEED KILL
	WEED KILLER	80398M		61		KG	WEED KILL
	WEED KILLER	80399		61		GAL	WEED KILL
	WEED KILLER	80399M		61		LITER	WEED KILL
	CALCIUM CHLORIDE	80401				TONS	CALCIUM CHL
	CALCIUM CHLORIDE	80401M				M TON	CALCIUM CHL
	SODIUM CHLORIDE (ROCK SALT)	80402				TONS	SODIUM CHL (RS)
	SODIUM CHLORIDE (ROCK SALT)	80402M				M TON	SODIUM CHL (RS)
	CALCIUM CHLORIDE (LIQUID)	80403				GAL	CALCIUM CHL LIQUID
	CALCIUM CHLORIDE (LIQUID)	80403M				LITER	CALCIUM CHL LIQUID
D	SALT, FLAKE, ANTI-ICE BIT MIX	80404				TONS	SALT FLK ANTICE BMIX
D	SALT, FLAKE, ANTI-ICE BIT MIX	80404M				M TON	SALT FLK ANTICE BMIX

SEQ: MATCODE

MATERIAL GROUP: 800 MISCELLANEOUS MAINTENANCE MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
D	CALCIUM MAGNESIUM CHLORIDE SOLUTION	80501				TONS	CALCIUM MG CHL SOL
D	CALCIUM MAGNESIUM CHLORIDE SOLUTION	80501M				M TON	CALCIUM MG CHL SOL
D	MAGNESIUM CHLORIDE (LIQUID 32%)	80502				GAL	MAGNESIUM CHL LIQ32%
D	MAGNESIUM CHLORIDE (LIQUID 32%)	80502M				LITER	MAGNESIUM CHL LIQ32%
D	FUEL OIL #1	80601				GAL	FUEL OIL #1
D	FUEL OIL #1	80601M				LITER	FUEL OIL #1
D	FUEL OIL #2	80602				GAL	FUEL OIL #2
D	FUEL OIL #2	80602M				LITER	FUEL OIL #2
D	FUEL OIL #3	80603				GAL	FUEL OIL #3
D	FUEL OIL #3	80603M				LITER	FUEL OIL #3
D	FUEL OIL #4	80604				GAL	FUEL OIL #4
D	FUEL OIL #4	80604M				LITER	FUEL OIL #4
D	FUEL OIL #5	80605				GAL	FUEL OIL #5
D	FUEL OIL #5	80605M				LITER	FUEL OIL #5
D	FUEL OIL #6	80606				GAL	FUEL OIL #6
D	FUEL OIL #6	80606M				LITER	FUEL OIL #6
D	TOOLS & EQUIPMENT, MAINTENANCE	80701				EA	TOOLS EQUIP MAINT
D	TOOLS & EQUIPMENT, MAINTENANCE	80701M				EA	TOOLS EQUIP MAINT
	POST, SNOW FENCE STEEL	80801				EA	POST SNOW FENCE STL
	POST, SNOW FENCE STEEL	80801M				EA	POST SNOW FENCE STL
D	ROPE, MANILA	80901				LINFT	ROPE MANILA
D	ROPE, MANILA	80901M				METER	ROPE MANILA
D	ROPE, SISAL	80902				LINFT	ROPE SISAL
D	ROPE, SISAL	80902M				METER	ROPE SISAL

SEQ: MATCODE

MATERIAL GROUP: 800 MISCELLANEOUS MAINTENANCE MATERIALS

REPORT: MIRF23M OPT 3

D	FULL NAME	MATERIAL CODE	DESC1	DESC2	DESC3	UNIT OF MEASURE	ABBREVIATED NAME
	ROPE, WIRE	80903				LINFT	ROPE WIRE
	ROPE, WIRE	80903M				METER	ROPE WIRE
D	CLAMP, WIRE ROPE	80904				EA	CLAMP WIRE ROPE
D	CLAMP, WIRE ROPE	80904M				EA	CLAMP WIRE ROPE
D	SPLICER, FENCE	80905				EA	SPLICER, FENCE
D	SPLICER, FENCE	80905M				EA	SPLICER, FENCE
	METALIZING WIRE, 85/15 ZINC/ALUMINIUM	80906				LB	MET WIRE 85/15 ZN/AL
	METALIZING WIRE, 85/15 ZINC/ALUMINIUM	80906M				KG	MET WIRE 85/15 ZN/AL
D	FENCE, SNOW (M 4)	81001				LINFT	FENCE SNOW M 4
D	FENCE, SNOW (M 4)	81001M				METER	FENCE SNOW M 4
D	FENCE, SNOW (M 127)	81002				LINFT	FENCE SNOW M 127
D	FENCE, SNOW (M 127)	81002M				METER	FENCE SNOW M 127
D	FENCE, TEMPORARY, HIGH VISIBILITY	81003	18			LINFT	FENCE TEMP HI VIS
D	FENCE, TEMPORARY, HIGH VISIBILITY	81003M				METER	FENCE TEMP HI VIS
D	TIES, SNOW FENCE (M 4), WIRE	81101				LINFT	TIES SNOWFENCE M 4
D	TIES, SNOW FENCE (M 4), WIRE	81101M				METER	TIES SNOWFENCE M 4
D	TARPAULIN, CANVAS	81200	7	19		EA	TARPAULIN CANVAS
D	TARPAULIN, CANVAS	81200M	7	19		EA	TARPAULIN CANVAS
D	TARPAULIN, SYNTHETIC	81201	7	19		EA	TARPAULIN SYNTHETIC
D	TARPAULIN, SYNTHETIC	81201M	7	19		EA	TARPAULIN SYNTHETIC