

16 -003

092-003Z

i	ROUTE NO.	V MARK PL LINE		TOTAL SHEETS	SHEET NO.
	EL RTE.1 FA 132	(48,48Z-2)RS-1	VERMILION	91	47

## GENERAL NOTES

HOLLOW STRUCTURAL STEEL TUBES SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. DESIGNATION A-500 GRADE B STRUCTURAL STEEL TUBING

ALL OTHER STEEL SHAPES AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF A.A.S.H.T.O. M-183

BOLTS, CAP SCREWS AND NUTS SHALL CONFORM TO THE REQUIREMENT OF A.S.T.M. DESIGNATION A-307 EXCEPT FOR HIGH STRENGTH BOLTS, NUTS AND WASHERS NOTED WHICH SHALL CONFORM TO A.A.S.H.T.O M-164.

ALL BOLTS, NUTS, CAP SCREWS AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH A.A.S.H.T.O. M-232.

ALL RAILING, RAIL SPLICES AND RAIL BLOCKING SHALL BE GALVANIZED AFTER SHOP FABRICATION IN ACCORDANCE WITH A.A.S.H.T.O. M-III AND A.S.T.M. A-385. GALVANIZED RAIL SHALL NOT BE PAINTED.

RAILING SHALL BE IN ACCORDANCE WITH SECTION 508 OF THE STANDARD SPECIFICATIONS, EXCEPT AS NOTED, AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAL FOOT FOR BRIDGE RAIL (SPECIAL)."

ALL FIELD DRILLED HOLES SHALL BE COATED WITH AN APPROVED ZINC RICH PAINT BEFORE ERECTION.

THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS IN THE FIELD BEFORE ORDERING ANY MATERIAL. THE TREATED OAK BLOCKING SHALL COMPLY WITH THE APPLICABLE

PORTIONS OF SECTION 711 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAL FOOT FOR BRIDGE RAIL SPECIAL WHICH PRICE SHALL INCLUDE ALL MATERIALS, EQUIPMENT AND LABOR FOR A COMPLETE INSTALLATION, INCLUDING CONNECTION TO EXISTING SPBGR, AND NO ADDITIONAL COMPLETE ADDITIONAL COMPENSATION WILL BE ALLOWED.

BILL OF MATERIALS				
12"X 4"X 1/4" STEEL TUBING RAILING	115	LIN. FT		
10" X 4 1/2" X 1/4" STEEL TUBING BLOCKING	12	EACH		
10"X 10"X 1" TREATED CAK BLOCKING	4	EACH		
14" X 4" X 3/4" PLATES	12	EACH		
4"X 4" X 1/2" PLATES	8	EACH		
3/4" & BOLTS W / WASHERS & LOCK NUTS	32	EACH		

Structure photos and images from Google Street View indicate that along with the concrete ballustrade rail/ curb and steel tube railing, there is also a precast temporary F-shape barrier on one side of the structure.

3/16 1/4 " AT RAIL SPLICE 1/2 AT EXPANSION JOINT AT 50 T STEEL TUBING 2 ۲ ۲ **(J**) LOCKNUT 11/16" \$ HOLES I IN 3/8" P 1-8 PLAN-BOTTOM SPLICE PLATE-TYPICAL (SPLICING ITEMS NOT INCLUDED IN BILL MATERIALS) VERMILION COUNTY

REEL 5-4







