

# EXAMPLE SET OF PLANS REVISIONS

Plans original date January 9, 2009 - 48 sheets

Revision 1 - March 12, 2009 - sheet 29 of 48 - added note about SAR procedures for structures

Revision 2 - June 30, 2009 - sheet 1 of 48 - included CADD Roadway Drafting Reference Guidelines  
 - sheet 3 of 48 - revised note to "Central Office in Springfield" instead of just "Springfield"  
 - sheets 40 and 41 of 48 - information is same, replaced with new sheets from Bridge Office in Springfield

Revision 3 - November 30, 2009 - sheet 5 of 48 - added note for Radar Speed Trailers on Interstates  
 - sheet 20 of 48 - revised notes to include Alternate Routes

Revision 4 - January 4, 2010 - sheet 12 of 49 - added block with tie point table instructions  
 - sheet 13 of 49 - NEW SHEET - added as example for tie points

Revision 5 - March 30, 2010 - sheet 1 of 49 - revised IDOT web site instructions  
 - sheet 44 of 49 - replaced sheet with example in English  
 - sheet 45 of 49 - replaced sheet with new example sheet  
 - REVISED TEXT SIZES AND ADDED NOTES to example sheets

Revision 6 - January 21, 2011 - sheet 41 of 49 - updated approach slab and traffic barrier terminal, replaced border  
 - sheet 42 of 49 - replaced border

Revision 7 - December 2, 2011 - sheet 6 of 49 - updated Summary of Quantities to new BD & E format.

Revision 8 - July 11, 2014 - sheet 3 of 49 - showed new location of data due to removal of ftp sites.  
 - sheet 16 of 49 - Changed text to state that proper levels should be used.

Revision 9 - August 7, 2014 - sheet 1 of 49 - Updated IDOT web site information  
 - sheet 3 of 49 - Updated IDOT web site information and JULIE web site information  
 - sheet 5 of 49 - Updated IDOT web site information  
 - sheet 26 of 49 - Updated IDOT web site information and corrected reference to Drainage Manual.

Revision 10 - April 1, 2017 - Update Text Styles with TrueType Font Text Styles

FILE NAME = c:\pwork\work\VERDINEML\dms34852\verdine.dgn	USER NAME = verdineme1	DESIGNED - DRAWN -	REVISIONS REVISIONS REVISIONS REVISIONS	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____	F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 20.0000' / IN.	CHECKED -	DATE -	CONTRACT NO. _____		ILLINOIS FED. AID PROJECT								
PLOT DATE = Jan 09, 2009 - 09:17:02 AM	DATE -	REVISIONS											

Add the following note  
**SUBSURFACE UTILITY ENGINEERING (S.U.E.)  
UTILIZED ON THIS PROJECT**

if SUE was used on the project to locate utilities  
The District will provide the necessary information for the plans

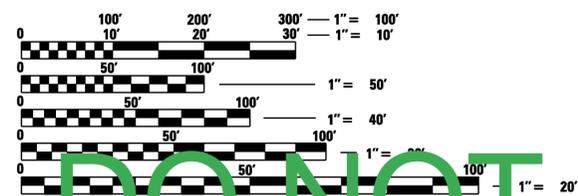
**FOR INDEX OF SHEETS, SEE SHEET NO. ....**

Index of sheets should be placed here on the cover sheet. If room allows, place Standards list here also. If there is not enough room, place on sheet 2.  
For order of sheets see 63 - 3.04 Plan Sheet Organization in the BDE Manual

**Note: Examples are shown for information only and may not agree with all current policies.**

Cadd drafting information is found at the IDOT web site  
[www.idot.illinois.gov](http://www.idot.illinois.gov)

- Doing Business
- Procurements
- Engineering, Architectural & Professional Services
- Consultant Resources
- CADD Resources
- Roadway Downloads and Guides
- Roadway CADD Downloads and Guides



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS THE ABOVE SCALES MAY BE USED

J.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-392-0223  
OR 811

**PROJECT ENGINEER  
PROJECT MANAGER**

**CONTRACT NO.**

Information in project report or provided by district

Revise this information to Region/District preference

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

**DO NOT  
CHANGE  
HIGHWAY PLANS**

**ROUTE** Include common name in parenthesis  
-----  
**SECTION**  
**PROJECT**  
**TYPE of IMPROVEMENT**  
-----  
**COUNTY**

**C-9x-xxx-xx**

Information in project report or supplied by district

Replace with information from project report

**SEE CHAPTER 63 PLAN PREPARATION OF THE BDE MANUAL FOR ADDITIONAL GUIDANCE**

Provide a project layout map (Maps can be found at <http://www.idot.illinois.gov/transportation-system/Network-Overview/highway-system/maps>)  
Include the following (most can be found in project report)  
District 3 north arrow (CADD)  
beginning and ending stations  
all important intermediate stations  
prominent features  
names of special features  
city, route and street names  
station equations and omissions  
description of all structures 20' and over including existing and proposed SN and for structures 6' and over but less than 20' in length

Only include the mainline distances

**GROSS LENGTH = x.xx FT. = x.xxx MILE**  
**NET LENGTH = x.xx FT. = x.xxx MILE**

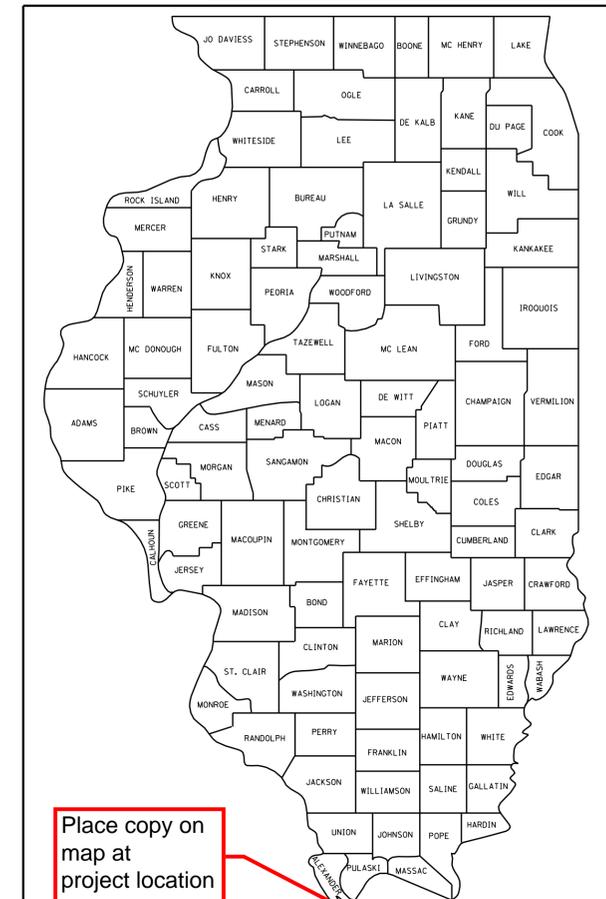
Location of Consultant's

Company name  
Professional engineer's signature  
Date of license expiration  
Professional stamp

Information in project report or provided by district  
Include total sheets number on all sheets in plans

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				1
ILLINOIS		CONTRACT NO. _____		

P and D numbers in project report or provided by District



Place copy on map at project location

LOCATION OF SECTION INDICATED THIS: - [arrow pointing to map]

Include from project report for the year of construction  
functional classification  
year ADT and percentage breakdowns

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED \_\_\_\_\_ 20\_\_\_\_

**DO NOT CHANGE**

DEPUTY DIRECTOR OF HIGHWAYS, REGIONAL ENGINEER

\_\_\_\_\_  
ENGINEER OF DESIGN AND ENVIRONMENT

\_\_\_\_\_  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
123	78RS, BR-3	ANYWHERE	55	1
		ILLINOIS	CONTRACT NO. 12345	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**

**PROPOSED  
HIGHWAY PLANS**

**FAP ROUTE 123 (US 456)  
SECTION 78RS, BR-3  
PROJECT  
3R RESURFACING AND BRIDGE REPLACEMENT  
ANYWHERE COUNTY**

C-93-000-08

P-93-000-05  
D-93-000-07



Formatting of text already contained in all border cells should not be modified.

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**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 STANDARDS LIST & GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 - 6 TYPICAL SECTIONS
- 7 - 10 SCHEDULES OF QUANTITIES
- 11 ALIGNMENT, TIES, AND BENCHMARKS
- 12 - 21 PLAN SHEETS
- 22 - 24 STAGING PLANS
- 25 EROSION CONTROL PLAN
- 26 - 40 STRUCTURE PLANS
- 41 - 45 DETAILS
- 46 - 55 CROSS SECTIONS

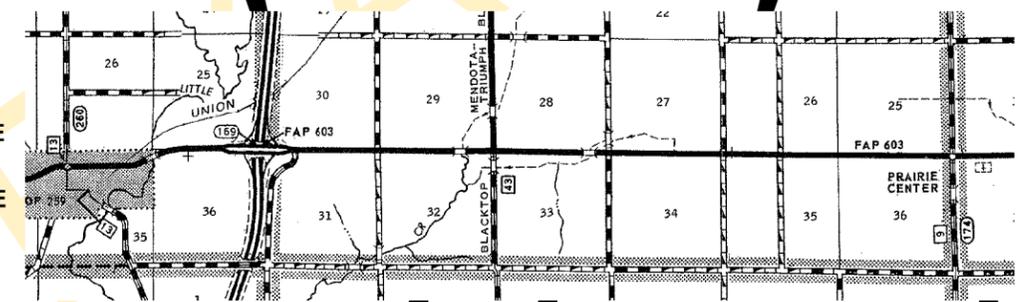
Rdwy\_text140  
(font FDOT Vert, 0.140")

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

Rdwy\_title240  
(font Franklin Gothic Medium Condensed, 0.240")

Rdwy\_title200  
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**VILLAGE OF ANYONE**



**STATION EQUATION**  
STA 235 + 47.74 BK =  
STA 900 + 00 AHD

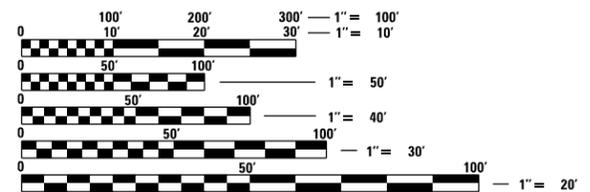


LOCATION MAP NOT TO SCALE

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**FUNCTIONAL CLASSIFICATION**

**RURAL MINOR ARTERIAL**  
2009 ADT = 1300  
P.V. = 94.8% S.U. = 4.2% M.U. = 1.0%



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

**DISTRICT 3 NO. (815) 434-6131  
PROJECT ENGINEER: D. BROVIAK  
UNIT CHIEF: B. DUNCAN  
TOWNSHIP(S): DAVIDSON, SHARPE  
CONTRACT NO. 12345**

GROSS LENGTH = 29964.74 FT. = 5.675 MILE  
NET LENGTH = 29865.74 FT. = 5.656 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED \_\_\_\_\_ 20 \_\_\_\_\_  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

\_\_\_\_\_ 20 \_\_\_\_\_  
ENGINEER OF DESIGN AND ENVIRONMENT

\_\_\_\_\_ 20 \_\_\_\_\_  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

Sheet 2: This sheet is for Index of Sheets, Highway Standards, General Notes, and Commitments.

**Index of Sheets**  
If not able to place on cover sheet, place on this sheet.

**List of Highway Standards**  
If not able to place on cover sheet, place on this sheet.  
List is to include only standards needed for this project.  
Include the current revision number.  
The Standard sheets will be inserted by the Central Office in Springfield prior to letting.  
  
Standards can be found at the IDOT web site:  
-  
[www.idot.illinois.gov](http://www.idot.illinois.gov)  
Doing Business  
Procurements  
Engineering, Architectural & Professional Services  
Consultant Resources  
Highway Standards

**General Notes**  
Include all applicable general plan notes.  
The list of the district's general notes are found at  
-  
[www.idot.illinois.gov](http://www.idot.illinois.gov)  
Doing Business  
Procurements  
Engineering, Architectural & Professional Services  
Consultant Resources  
CADD Resources  
Roadway Downloads and Guides  
Roadway CADD Downloads and Guides  
District Standards  
  
Include the correct Applications Rate Table  
Include all JULIE member utilities and type of utility within the project limits and IDOT as a non-member if within project limits. If no utilities are present, list "NONE." Check project report for list of utilities.  
The JULIE web site is: <http://www.illinois1call.com/index.html>

**Commitments**  
Include all commitments.  
Commitments made in Phase I are found in the project report.  
Commitments made during Phase II will be provided by the district.  
If there are no commitments, then list NONE with the date.

**District Signature Block**  
The signature block is located in the District Specific Standards site  
-  
[www.idot.illinois.gov](http://www.idot.illinois.gov)  
Doing Business  
Procurements  
Engineering, Architectural & Professional Services  
Consultant Resources  
CADD Resources  
Roadway Downloads and Guides  
Roadway CADD Downloads and Guides  
District Standards  
-  
in the "District 3 CADD Standard Details" folder. For consultant projects, replace "PREPARED BY" with "REVIEWED BY."

Place description of sheet here

Information is same as cover sheet

FILE NAME =	USER NAME = verdineme1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	-----	F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\IDOT\VERDINEML\dms34852\ver	dme.dgn	DRAWN -	REVISED -		-----					
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -							
	PLOT DATE = Jan 09, 2009 - 09:17:02 AM	DATE -	REVISED -			SCALE: -----	SHEET NO. -- OF -- SHEETS	STA. ----- TO STA. -----		CONTRACT NO. -----

### HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-01	AREAS OF REINFORCEMENT REBARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
420001-07	PAVEMENT JOINTS
420401-06	BRIDGE APPROACH PAVEMENT
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
515001-02	NAME PLATE FOR BRIDGES
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-01	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542401	METAL END SECTION FOR PIPE CULVERTS
602401-01	MANHOLE TYPE A
604001-02	FRAME AND LIDS TYPE 1
604036-01	GRATE TYPE 8
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-07	STEEL PLATE BEAM GUARDRAIL
630201-05	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-06	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
666001	RIGHT OF WAY MARKERS
667101	PERMANENT SURVEY MARKERS
701001-01	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 4.5 m (15') AWAY
701006-02	OFF-RD OPERATIONS, 2L, 2W, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
701011-01	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS EQUAL OR GREATER THAN 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS EQUAL OR GREATER THAN 45 MPH
701311-02	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701321-09	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS EQUAL OR GREATER THAN 45 MPH
701336-04	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS EQUAL OR GREATER THAN 45 MPH
701501-04	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901	TRAFFIC CONTROL DEVICES
704001-04	TEMPORARY CONCRETE BARRIER
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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(font Franklin Gothic  
Medium Condensed,  
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Rdwy\_text120  
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0.120")

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0.120")

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION-SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION-SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MAT PRIME COAT	0.08 0.375	GAL / SQ YD OR GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

ALL EXISTING CORRUGATED METAL PIPE (CMP) FIELD TILES CROSSING UNDER THE ROADWAY, AS SHOWN IN THE PLANS OR DISCOVERED DURING EXPLORATION TRENCHING, SHALL BE REPLACED ACCORDING TO SECTION 611 OF THE STANDARD SPECIFICATIONS AND PAID FOR UNDER THE VARIOUS PAY ITEMS FOR FIELD TILE WORK. (SEE SCHEDULES FOR PAY ITEMS.)

THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR GUARDRAIL REMOVAL.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

1. NICOR GAS
2. AT&T
3. FRONTIER COMMUNICATIONS OF ILLINOIS
4. COMMONWEALTH EDISON COMPANY
5. EASTERN ILLINI ELECTRIC COOPERATIVE
6. AMEREN CIPS
7. MEDIACOM
8. VILLAGE OF FORREST

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE WITH THE AREA.

### COMMITMENTS:

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

1. PLACE 24" PIPE CULVERT (STA. 863+00) AT INTERSECTION OF IL 47 AND 1600N ROAD. ROAD.

2. REPLACE CURB AND GUTTER, RAISE SIDEWALK RT. STA. 1260+00 TO STA. 1262+00. RESOLVES DRAINAGE ISSUES WITH PROPERTY OWNER.

3. COMBINE ENTRANCE CULVERTS AT STA. 1248+32 AND STA. 1249+09 WITH A DRAINAGE BASIN BETWEEN THE ENTRANCES. THE EXISTING CONCRETE ENTRANCE AT STA. 1248+32 WILL BE REPLACED WITH CONCRETE.

4. AT THE REQUEST OF THE PROPERTY OWNERS LEAVE THE DRAINAGE TO THE VERMILION RIVER RT. STA. 950+00 TO STA. 970+00 AS IT EXISTS TODAY. ADD FIELD ENTRANCE RT. STA. 943+85 TO FIT JUST SOUTH OF THE PROPERTY LINE AT STA. 943+55, AT OWNERS REQUEST. EXISTING FIELD ENTRANCE RT. STA. 952+50 WILL BE LOCATED AS FAR NORTH AS POSSIBLE WITHOUT INTERFERING WITH THE PROPOSED GUARDRAIL.

5. HIGH VISIBILITY FENCING AND EROSION CONTROL FENCE SHALL BE PLACED AT VARIOUS LOCATIONS INDICATED IN THE PLANS. (SEE SCHEDULE FOR LOCATIONS).

6. ALL UNDAMAGED STEEL PLATE BEAM GUARDRAIL, TYPE A AND UNDAMAGED BARRIER TERMINALS TYPE 1, (SPECIAL) SHALL BE SALVAGED AND DELIVERED TO THE IDOT MAINTENANCE YARD IN FORREST, IL.

7. THE RESIDENT ENGINEER WILL HAVE THE EXISTING SECTION CORNER TIES IN THE COMMITMENT FILE FOR CONTRACT 66601.

8.TWO ENTRANCES FOR VAUGHAN LEASING,INC. LOCATED BETWEEN STA. 1235+42.79 TO STA. 1238+00.56 ARE TO BE CONSTRUCTED ONE AT A TIME. WORK IS TO BE COORDINATED WITH THE OWNER, JIM VAUGHAN. BUSINGESS PHONE NUMBER IS 815/657-8271.

9. TWO COMMERCIAL ENTRANCES LOCATED BETWEEN STA. 1247+99.47 TO STA. 1250+02.00 RT. ARE TO BE CONSTRUCTED ONE AT A TIME. WORK IS TO COORDINATED WITH THE OWNERS, ALLAN AND BARRY KAISNER, THE SHOP PHONE NUMBER IS 815/657-8214.

10. A FIELD ENTRANCE IS TO BE ADDED AT APPROXIMATELY STA. 1196+00 ON THE EAST SIDE OF IL 47 FOR PROPERTY OWNER DENNIS HAAB. PHONE NUMBER IS 815/657-8321.

11. THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF THE TWO ENTRANCES AT STA. 1248+32 LT. AND STA. 1249+09 LT. WITH THE FIRE CHIEF.

12. PROVIDE A MINIMUM 24' ENTRANCE TO THE PROPERTY OWNER RT. STA. 1189+78.

13. INSTALL A 30" PIPE CULVERT ACROSS THE PROPERTY LOCATED LT. STA. 1000+87. IN ADDITION IF ROOTS ARE ENCOUNTERED DURING THE INSTALLATION OF THE PIPE CULVERT (TREE ROOT PRUNING) WILL BE IMPLEMENTED.

14. PROVIDE A 24' ENTRANCE AT OR NEAR STA. 935+00 RT. OWNER, RICK MILLER, PHONE NUMBER 815/832-5573.

15. PROVIDE A 24' ENTRANCE AT OR NEAR STA. 1047+00 LT. OWNER, MARY HALEY TRUST, CONTRACT PERSON IS MIKE HALEY, PHONE NUMBER 815/474-2164.

16. TWO COMMERCIAL ENTRANCES LOCATED BETWEEN STA. 1250+40 TO STA. 1252+00 RT. ARE TO BE CONSTRUCTED ONE AT A TIME. WORK IS TO BE COORDINATED WITH THE FIRST STATE BANK OF FORREST. CONTACT EDWARD PALEN AT 815/657-8214.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

REVIEWED BY: \_\_\_\_\_  
DISTRICT STUDIES & PLANS ENGINEER

DATE: \_\_\_\_\_

EXAMINED BY: \_\_\_\_\_  
DISTRICT CONSTRUCTION ENGINEER

\_\_\_\_\_  
DISTRICT OPERATIONS ENGINEER

\_\_\_\_\_  
DISTRICT MATERIALS ENGINEER

### GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

FILE NAME =	USER NAME = rhond_fbashbu	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\rhond_fbashbu\Documents\IDOT Example Plans\example plans from EnvisionCAD.dwg	DRAWN -	REVISED -	326			.	LIVINGSTON	354	2	
PLOT SCALE = 100:0.0000 ' / in.	CHECKED -	REVISED -	*(123,123X)RS-3,(124)RS-5,(123)BR-3			CONTRACT NO. 66601				
PLOT DATE = 3/9/2017	DATE -	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

# Summary of Quantities

## For the Summary of Quantities

Show the appropriate quantity breakdowns based on the construction and safety work type, project location, funding sources, etc. Check the project report for any agreement items. Quantities must be separated at all urban/rural splits and county lines. Use existing Structure numbers and note proposed number.

Provide the correct pay item code number, description, and pay unit exactly as shown.

Fill out the total quantities column.

Round all quantities according to Chapter 64 of the BDE Manual.

Do not rotate the Summary of Quantities on the sheet, use additional sheets instead.

Double space pay items.

Indicate Specialty Items with a symbol such as an asterisk

**NOT all items requiring a special provision are Specialty Items.**

Specialty Items are items of work requiring specialized knowledge, skills, or equipment which are typically outside the general contractor's expertise (e.g., electrical work, traffic signals or permanent pavement markings on a paving contract, blasting on a bridge contract, paving work on an electrical contract, etc.).

Verify that quantities agree with schedules

The following is a list of items that will be used during the plan review process. It contains District 3 preferences to be considered during the plan preparation process:

- Items for traffic control
- Items for traffic signing
- Temporary quantities
- Raised reflective pavement markers
- Need approval from district for rip rap or revetment mat
- Need approval from district for hydro mulch
- Use sod in urban areas rather than seeding
- Include supplemental watering for sod
- Do not specify pipe material without prior approval (requires an exception)
- Use elliptical RCCP instead of arch diameter
- Include a Construction Test Strip for each type of HMA with quantity over 3,000 tons
- Include Bridge Deck Grooving for proposed concrete decks
- Use HMA Surface Course on all side roads that are US and state routes
- Use Incidental HMA Surface for mailbox turnouts, entrances, and side roads less than 100'
- Permanent survey markers and/or land section markers
- Railroad protective liability insurance
- Need approval from district for reflective crack control
- Use Aggregate Base Course in tons
- Use Sub-base Granular Material, Type A in square yards
- Use Class SI Concrete Collar in each
- Use Temporary Sheet Piling in square feet or TSR System
- If earthwork quantities are small, measure by truck count
- Link incidental items to an appropriate pay item
- Use Short Term and Temporary Pavement Markings according to Section 703 of the Standard Specifications
- Work zone pavement marking removal for short term and temporary
- Replace Lime Modified Soils in urban areas with sub-base granular pay items
- Pay for culvert removals
- Saw and seal existing 4" expansion joints on resurfacing projects
- Provide service installation for lighting
- Include embankment for Type 1 (Special) guardrail terminals, side road radii, etc
- Corporation stops and curb stops for watermain work
- When proposed construction involves centerline work or other work where traffic will be utilizing the existing shoulder, Include shoulder repair quantities
- Changeable message boards on interstate projects and new signal locations (consult district)
- Radar Speed Trailers on interstate projects over one month duration
- For Traffic Standard 701411, each ramp is considered a separate "location" when calculating quantities

A list of pay items can be found at the IDOT web site

- [www.idot.illinois.gov](http://www.idot.illinois.gov)
- Doing Business
- Procurements
- Engineering, Architectural & Professional Services
- Consultant Resources
- Letting Specific Items
- Coded Pay Items

and

- [www.idot.illinois.gov](http://www.idot.illinois.gov)
- Doing Business
- Procurements
- Engineering, Architectural & Professional Services
- Consultant Resources
- Roadway Downloads and Guides
- Roadway CADD Downloads and Guides
- Summary of Quantities Spreadsheets

**NOTE:**

An item followed by an asterisk does not always require a special provision. It may be covered by showing a dimension on a typical section, showing an area on a plan sheet, or by including a detail on the plans.

Place  
SUMMARY OF QUANTITIES  
here as description

Information is same  
as cover sheet

FILE NAME = c:\projects\d3names\verdrine\verdrine.dgn	USER NAME = verdrine1	DESIGNED - --- DRAWN - ---	REVISED - --- REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	-----		F.A. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 4.0000' / IN.	CHECKED - ---	REVISED - ---	REVISED - ---		SCALE: -----	SHEET NO. -- OF --- SHEETS	STA. ----- TO STA. -----	CONTRACT NO. -----				
PLOT DATE = May 20, 2008 - 02:03:47 PM	DATE - -----	REVISED - ---	REVISED - ---		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				STP FUNDS		HES FUNDS	
				100% CITY	80% FED 20% STATE	90% FED 10% STATE	90% FED 10% STATE
				HIGHWAY LIGHTING Y030-1E URBAN	ROADWAY I000 URBAN	TRAFFIC SIGNALS Y031-1F URBAN	ROADWAY I000-1A URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	903		602		301
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	500		333		167
20101700	SUPPLEMENTAL WATERING	UNIT	7		7		
20200100	EARTH EXCAVATION	CU YD	21816		14544		7272
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3338		2225		1113
20400800	FURNISHED EXCAVATION	CU YD	3959		2639		1320
20700220	POROUS GRANULAR EMBANKMENT	CU YD	354		236		118
20800150	TRENCH BACKFILL	CU YD	292	189	67		36
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	21811		14601		7210
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2558		1705		853
• 25000200	SEEDING, CLASS 2	ACRE	2.2		1.5		0.7
• 25000210	SEEDING, CLASS 2A	ACRE	6.6		4.4		2.2
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	822		548		274
• 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	822		548		274

• SPECIALTY ITEM

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PLOT DATE = 3/9/2017	DATE -	REVISIONS -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	IN & TS	KENDALL	174	3
			CONTRACT NO. 66535	
ILLINOIS FED. AID PROJECT				

# Typical Sections

Place mainline typical sections first, followed by other typical sections as they appear along the mainline. Alphabetize or number sequentially each typical section.

Note the title of the typical section and station locations directly below the typical section

The station locations should be continuous through the project. If no work is proposed, show existing typical and no work.

Separate existing and proposed typical sections are only required when pavement is being replaced or when showing the proposed work on the existing typical is too cluttered

Existing roadway information and/or old plans will be supplied by the district, also see project report

Include the following on the typicals

- horizontal dimensions rounded to nearest 0.1 ft
- vertical dimensions rounded to nearest 1/4 in for resurfacing
- profile grade line reference if different than the centerline
- types and depths of surface, base, and subbase courses
- side slopes expressed as a ratio of vertical to horizontal distances (To avoid confusion may include V:H such as 1V:4H)
- cross slopes expressed in percent on pavement and shoulders
- superelevations expressed in percent
- arrows showing direction of drainage for side slopes, cross slopes, and superelevation rates
- final striped width
- all applicable pay items

Show paved shoulders and delineators on 40-45 mph curves

Extend subbase past proposed curb and gutter 6"

For further guidance also see 64-2.06 and -2.07 of the BDE Manual and the pavement and shoulder highway standards

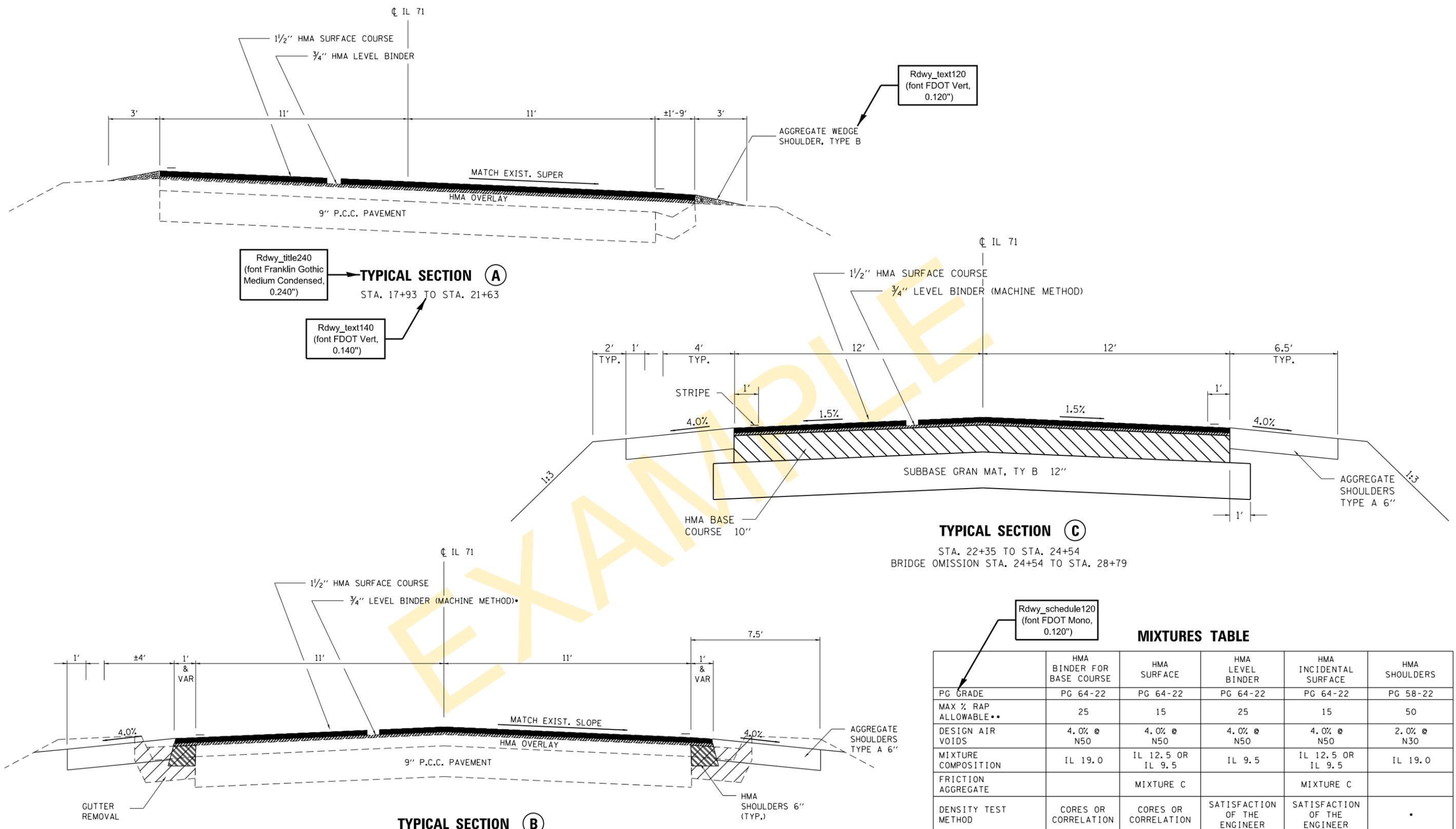
Include the approved pavement design with the structural design information (If only doing policy resurfacing, this is not necessary)

For projects with HMA, include a Mixtures Table (Information will be provided by district)

Place  
TYPICAL SECTIONS  
here as description

Information is same  
as cover sheet

FILE NAME = c:\projects\d3names\verdine\verdine.dgn	USER NAME = verdineme1	DESIGNED - --- DRAWN - ---	REVISED - --- REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	----- SCALE: ----- SHEET NO. -- OF --- SHEETS STA. ----- TO STA. -----	F.A. RTE: -----	SECTION -----	COUNTY -----	TOTAL SHEETS -----	SHEET NO. -----
PLOT SCALE = 4.0000' / IN.		CHECKED - ---	REVISED - ---			CONTRACT NO. -----				
PLOT DATE = May 20, 2008 - 02:03:47 PM		DATE - -----	REVISED - ---			FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



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Rdwy\_text120  
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Rdwy\_schedule120  
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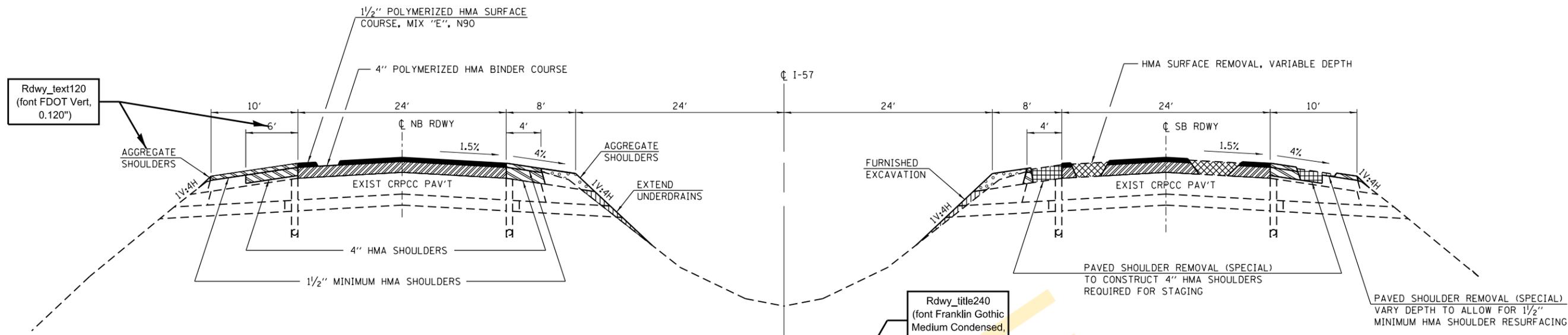
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**MIXTURES TABLE**

	HMA BINDER FOR BASE COURSE	HMA SURFACE	HMA LEVEL BINDER	HMA INCIDENTAL SURFACE	HMA SHOULDERS
PG GRADE	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
MAX % RAP ALLOWABLE**	25	15	25	15	50
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	2.0% @ N30
MIXTURE COMPOSITION	IL 19.0	IL 12.5 OR IL 9.5	IL 9.5	IL 12.5 OR IL 9.5	IL 19.0
FRICTION AGGREGATE		MIXTURE C		MIXTURE C	
DENSITY TEST METHOD	CORES OR CORRELATION	CORES OR CORRELATION	SATISFACTION OF THE ENGINEER	SATISFACTION OF THE ENGINEER	

• MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE, THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE OC/OA SPECIFICATION.

•• WHEN MORE THAN 20 PERCENT RAP IS USED, A SOFTER ASPHALT BINDER (PG58-22) MAY BE REQUIRED AS DETERMINED BY THE ENGINEER.

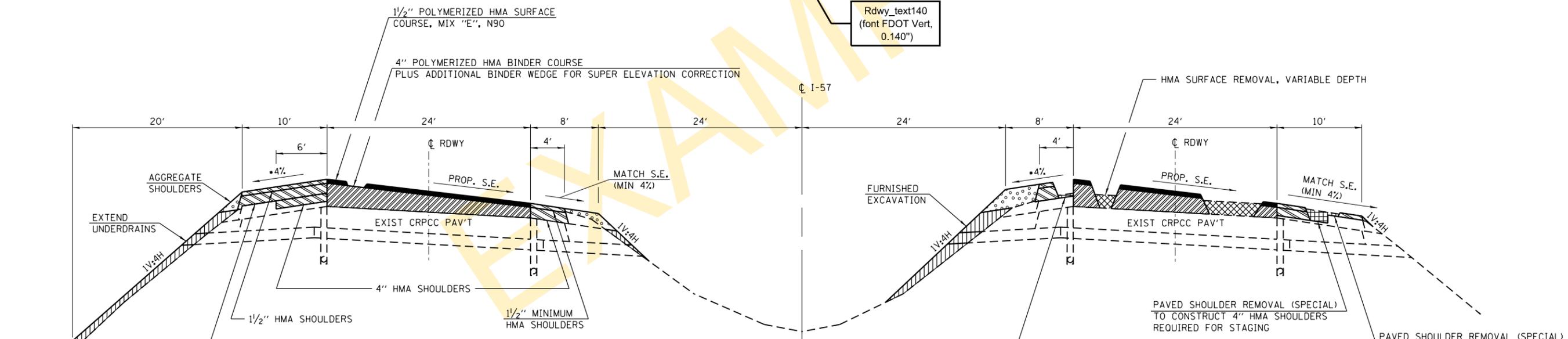


**HALF SECTION  
SHOWING PROPOSED RESURFACING**

**HALF SECTION  
SHOWING PROPOSED REMOVAL**

**PROPOSED TYPICAL SECTION ①  
NORMAL CROWN AREAS**

STA 100+00 TO STA 120+65  
STA 147+60 TO STA 184+05  
STA 245+90 TO STA 294+58  
STA 351+73 TO STA 500+00



**PROPOSED TYPICAL SECTION ②  
SUPERELEVATION AREAS**

STA 120+65 TO STA 147+60  
STA 184+05 TO STA 245+90  
STA 294+58 TO STA 351+73

• WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4%, THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4%, THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER WILL NOT BE GREATER THAN 8%.

SEE STAGING TYPICALS FOR ADDITIONAL PAVING DETAILS.

16' MINIMUM VERTICAL CLEARANCES SHALL BE MAINTAINED UNDER OVERHEAD STRUCTURES. SEE TAPER DETAILS.

SEE SCHEDULES AND PLAN SHEETS FOR  
TRANSITION LOCATIONS

FILE NAME =	USER NAME = rhond_fbash8u	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\rhond_fbash8u\Documents\IDOT E	example Plans\example plans from EnvisionCAD	DRAWN -	REVISED -						57	*	IROOUIIS	200	5
PLOT SCALE = 100:0.0000 ' / in.	CHECKED -	REVISED -	REVISED -						* (38-3,4)RS-2, (38-4)BR,BR1,BR3				CONTRACT NO. 66757
PLOT DATE = 3/9/2017	DATE -	REVISED -	REVISED -						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

# Schedules of Quantities

Show all work items in schedules  
 Do NOT use the word "Contingent"  
 Check for agreement with the Summary of Quantities  
 Show Participation breakdowns in schedules  
 Schedule for Sideroads and Entrances must have quantities broken out per individual location  
 Include Temporary Fence for protection of wetlands, hazardous waste areas, property owner commitment areas, or any other areas that the Contractor is prohibited from utilizing during construction.  
 For clarification, provide an index of schedules for large projects with multiple pages of schedules

Consider for long term projects (i.e. projects longer than one construction season)  
 Include quantities for maintenance of temporary erosion control  
 Include temporary seeding if the project will not be completed in one season, consider use of Temporary Mulch (Mulch Method II) for over winter break  
 Estimate the increase in patching quantities if the project will not be let in the same year as the plans were developed or if the project will require more than one construction season  
 Include temporary sidewalks  
 Include quantities for maintenance of temporary access  
 Address responsibility for maintenance of existing highway lighting  
 Include method of payment for drums, barricades, or barrier wall to be left in place and becoming the property of the state or another agency. Include method and location of delivery if required.  
 Include maintenance responsibilities during a winter shut down.

Following is a list of schedules the plans might contain:

- |   |  |
|---|--|
| Box Culverts                                  | Rebar  |
| Bridge Approach                               | Removal and Disposal of Unsuitable Materials |
| Building Removal                              | Right-of-way Markers                         |
| Cleaning Culverts                             | Riprap                                       |
| Curb and Gutter                               | Rock Excavation                              |
| Deck Drain Extensions                         | Rumble Strips                                |
| Delineators                                   | Sanitary Sewer                               |
| Detector Loops                                | Seeding and Sodding                          |
| Driveways                                     | Sidewalk                                     |
| Earthwork                                     | Signs  |
| Entrances and Side Roads                      | Slurry Sealing or Grouting                   |
| Erosion Control                               | Staging                                      |
| Exploration Trench and other Field Tile items | Storm Sewer including Inlets and Manholes    |
| Fence   | Structure Rehab                              |
| Grading and Shaping Ditches                   | Temporary Concrete Barrier                   |
| Guard Rail                                    | Temporary Pavement                           |
| Hazardous Materials                           | Temporary Pavement Marking                   |
| HMA   | Temporary Ramps                              |
| HMA Surface Removal or Milling                | Topsoil                                      |
| Impact Attenuators                            | Traffic Signals                              |
| Landscaping                                   | Tree Removal                                 |
| Lighting                                      | Trench Backfill                              |
| Lime Modified Soils                           | Underdrains                                  |
| Median and Islands                            | Water Main                                   |
| Patching                                      | Water Valves and/or Manhole Adjustment       |
| Paved Ditch                                   |  |
| Pavement                                      |  |
| Pavement Marking                              |  |
| Pavement Removal                              |  |
| Permanent Survey Markers                      |  |
| Pipe Culverts                                 |  |
| Protective Coat                               |  |

On projects, where work is done in stages, separate quantities by each stage. Quantities that may need to be separated are temporary and/or proposed  
 earthwork  
 pavement  
 widening  
 drainage items  
 barricades and barrier walls  
 pavement marking  
 removal of pavement marking  
 guardrail and impact attenuators  
 geotextile retaining walls  
 other miscellaneous items

Place  
SCHEDULES OF QUANTITIES  
here as description

Information is same  
as cover sheet

FILE NAME = c:\projects\d3names\verdine\verdine.dgn	USER NAME = verdinm1	DESIGNED - ___	REVISED - ___	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	-----		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = May 20, 2008 - 02:03:47 PM	CHECKED - ___	REVISED - ___								
		DATE - _____	REVISED - ___								
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT											

ENTRANCES AND SIDEROADS									
LOCATION		DESCRIPTION	WIDTH	EXIST PAVT TYPE	INC HMA SURF TON	HMA SURF REM 1" 1/2" SO YD	BIT MATL (PR CT) GALLON	AGG (PR CT) TON	TEMP RAMP SO YD
STA	SIDE								
100+00.00		CENTERLINE IL ROUTE 18							
101+90		BEGIN RESURFACING							
112+65	LT	PE	14		3	27	2		
112+89	RT	FE	NO WORK						
115+90	LT	FE	NO WORK						
123+00	LT	FE	NO WORK						
123+05	RT	1250E BLACKSTONE	24	I-11	33	265	21	1	13
124+60	LT	FE	NO WORK						
138+11	RT	FE	NO WORK						
138+15	LT	FE	NO WORK						
150+32	LT	1300E	24	AGG	33	265	21	1	13
150+32	RT	1300E	24	DIRT	33	265	21	1	13
157+47.00		SN 053-2002							
160+00	RT	FE	NO WORK						
164+96	RT	FE	NO WORK						
176+50	RT	FE	NO WORK						
176+60	LT	FE	NO WORK						
177+80	RT	FE	NO WORK						
186+80	LT	PE, MB	14		7	57	5		
187+10	RT	PE, MB	14		7	57	5		
203+20	LT	1400E	24	AGG	33	265	21	1	13
203+20	RT	1400E	24	AGG	33	265	21	1	13
213+00	RT	FE	NO WORK						
216+75	RT	FE	NO WORK						
220+68	LT	FE	NO WORK						
225+75	RT	FE	NO WORK						
235+80	RT	FE	NO WORK						
242+95	RT	FE	NO WORK						
253+35	LT	FE	NO WORK						
254+24	LT	CE			6	50	4		
256+35		1500E ILL 170		HMA					SEE MAINLINE SCHEDULE
258+30	LT	CE				50	4		
259+80	RT	CE	35	CONC	6		4		
264+80	LT	FE	NO WORK						
279+42	LT	PE, MB	14		7	57	5		
280+85	RT	CE (PRESTRESS)	35	PCC/HMA	11	40	7		
288+10	RT	FE	NO WORK						
293+40	LT	PE, MB	14		7	57	5		
306+00	LT	FE	NO WORK						
309+20	LT	1600E BUDD	24	A-3	33	265	21	1	13
309+20	RT	1600E	24	AGG	33	265	21	1	13
310+95	LT	PE	14		3	27	2		
317+80	LT	FE	NO WORK						
317+80	RT	FE	NO WORK						
322+42	RT	FE	NO WORK						
322+87.50		BACK = 322+85.10 AHEAD							
328+80	LT	PE, MB	14		7	57	5		
328+95	RT	PE	14		3	27	2		
329+80	RT	PE	14		3	27	2		
335+75	RT	FE	NO WORK						
341+60	LT	FE	NO WORK						
348+75	RT	FE	NO WORK						
349+00	LT	FE	NO WORK						
361+80	LT	1700E	24	AGG	33	265	21	1	13
361+80	RT	1700E	24	A-3	33	265	21	1	13
363+35	LT	PE, MB	14		7	57	5		
372+95	LT	FE	NO WORK						
383+78	RT	FE	NO WORK						
384+05	LT	FE	NO WORK						
385+25.00		SN 053-2009							
390+80	RT	PE	14		3	27	2		
390+90	LT	MB			4	30	2		
392+00	LT	PE	14		3	27	2		
392+00	RT	FE	NO WORK						
393+95	LT	MB			4		11		
393+95	RT	PE	14	AGG	3		10		
395+28	LT	MB			4		11		
395+28	RT	PE	14	AGG	3		10		
398+16	LT	MB			4		11		
398+16	RT	PE	14	AGG	3		10		
406+80	RT	FE	NO WORK						
414+60	LT	1800E	24	AGG	33	265	21	1	13
414+60	RT	1800E	24	AGG	33	265	21	1	13
419+90	LT	FE	NO WORK						
420+90	RT	FE	NO WORK						
427+50	LT	FE	NO WORK						

ENTRANCES AND SIDEROADS										
LOCATION		DESCRIPTION	WIDTH	EXIST PAVT TYPE	INC HMA SURF TON	HMA SURF REM 1" 1/2" SO YD	BIT MATL (PR CT) GALLON	AGG (PR CT) TON	TEMP RAMP SO YD	
STA	SIDE									
435+10	LT	MB			4	30	2			
435+10	RT	PE	14		3	27	2			
444+95	LT	MB			4		11			
444+95	RT	PE	14		3	27	2			
449+60	LT	FE	NO WORK							
451+40	LT	PE, MB	14		7	57	5			
453+40	LT	FE	NO WORK							
458+42.00		SN 053-2008								
459+65	RT	FE	NO WORK							
465+48	LT	FE	NO WORK							
466+90	LT	1900E	24	A-3	33	265	21	1	13	
466+90	RT	1900E	24	AGG	33	265	21	1	13	
478+25	LT	FE	NO WORK							
483+30	RT	FE	NO WORK							
486+75	LT	FE	NO WORK							
492+85	RT	FE	NO WORK							
493+30	LT	FE	NO WORK							
493+42	RT	FE	NO WORK							
506+60	RT	FE	NO WORK							
519+45	LT	2000E NEVADA	24	A-3	33	265	21	1	13	
519+45	RT	2000E	24	A-3	33	265	21	1	13	
525+55	RT	FE	NO WORK							
530+45	LT	FE	NO WORK							
531+75.00		SN 053-2007								
532+60	RT	FE	NO WORK							
554+15	RT	PE, MB	14		7	57	5			
554+20	LT	PE	14		3	27	2			
557+30	LT	FE	NO WORK							
572+20	LT	2100E SUNBURY	24	I-11	33	265	21	1	13	
572+20	RT	2100E ODELL, CH 6	24	I-11	33	265	21	1	13	
579+90	LT	FE	NO WORK							
593+60	LT	FE	NO WORK							
599+85	RT	FE	NO WORK							
603+40	LT	FE	NO WORK							
625+15	LT	2200E	24	AGG	33	265	21	1	13	
625+15	RT	2200E	24	AGG	33	265	21	1	13	
638+25	LT	FE	NO WORK							
643+85	RT	PE, MB	14		7	57	5			
645+10	RT	FE	NO WORK							
645+25	LT	FE	NO WORK							
651+57	RT	FE	NO WORK							
651+60	LT	FE	NO WORK							
662+60	RT	PE, MB	14		7	57	5			
665+70	RT	CE	35	HMA	6	50	4			
667+70	LT	FE	NO WORK							
669+26.00		SN 053-2006								
671+40	RT	FE	NO WORK							
676+50	RT	MB			4	30	2			
677+70	LT	2300E	24	A-3	33	265	21	1	13	
677+70	RT	2300E	24	AGG	33	265	21	1	13	
685+80	RT	FE	NO WORK							
687+20	RT	PE, MB	14		7	57	5			
695+52	LT	PE	14		3	27	2			
695+52	RT	MB			4	30	2			
699+98	RT	FE	NO WORK							
700+08	LT	PE	20	HMA	4	34	3			
703+97	LT	PE	14		3	27	2			
704+00	RT	PE, MB/FE	14	AGG	7		21			
710+86		END RESURFACING								
711+71.91		SN 053-0158								
<b>TOTALS</b>					<b>884</b>	<b>SEE MAINLINE SCHEDULE</b>				

Rdwy\_schedule140  
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Rdwy\_schedule120  
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	PLOT DATE = 3/9/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(16)RS-4, (17,28)RS-2	LIVINGSTON	15	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66528	

# Alignment, Tie, and Benchmark sheet

## District 3 Alignment, Ties, and Benchmarks Sheet Requirements

1. Alignment. On all projects, a separate alignment sheet will be provided showing the existing and proposed horizontal alignment with the appropriate curve data, line bearings, centerline control points, and other pertinent information. The alignment drawing should be drawn to scale and include a north arrow.

2. Reference Ties. Reference ties will be required on every project. Figures illustrating the reference tie point locations may be simple or detailed schematics with the appropriate dimensions and tie points identified, including the station and offset and applicable control tie designation (e.g., POT, PI, PT, PC). Locating and referencing the centerline of survey will consist of establishing and referencing the control points of the centerline of surveys such as PC's, PT's and as many POT's as are necessary to provide a line of sight. Show reference ties having locations tied to the mainline first, by increasing station, followed by ties to other points in the order they appear along the mainline. Clearly identify the feature to which the ties are referenced (e.g., iron pin 18 in. (0.5 m) deep, corner of wall). Tie figures are generally not drawn to scale. If too congested with the alignment drawing, transfer the tie figure to an insert directly under the point involved. At least three reference ties less than 100' in length are required to each point. Note the tie distances to the nearest 0.01 ft. (5 mm). State Plane Coordinates shall be provided for all control points and centerline control points.

3. Benchmark Data. Benchmark tabulations should show the station, location, description, and elevation of each benchmark. Show mainline benchmarks first, followed by benchmarks to other facilities in the order they appear along the mainline. Clearly identify the road or line to which a group of benchmarks is referenced. Show elevations in feet to two decimal places (i.e., 0.01 ft.); show elevations in meters to three decimal places (i.e., 0.001 m). Provide a detailed description to locate the benchmark used for the level datum source. The description should include the benchmark location, elevation, number, and any other pertinent information. Benchmarks will be established along the project outside of construction limits not exceeding 1000 ft. (300 m) intervals horizontally and 20 ft. (6 m) vertically. A minimum of two benchmarks will be required regardless of the project size.

Also include layout information for all streets and sideroads.

Tie point locations should be listed in a table with the following instructions:

- 1) Engineer will re-establish monument (usually with in kind i.e. PK nail)
- 2) Engineer will re-establish monument and furnish tie sketches to District 3 Plats and Plans (usually paid for as Permanent Survey Marker)
- 3) Professional land surveyor shall re-establish monument, record new monument record and provide copy to District 3 Plats and Plans (usually paid for as Land Section Marker)

The table information will be provided by the District Land Acquisition department. Tie points for notes 1 and 2 will generally be for resurfacing projects. Tie points for note 3 will generally be for projects with major ROW purchases where existing topography is being destroyed.

Place description of sheet here

Information is same as cover sheet

FILE NAME = c:\projects\d3names\verdine\verdine.dgn	USER NAME = verdinemi	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	-----	F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ---	REVISED - ---							
	PLOT SCALE = 4.0000' / IN.	CHECKED - ---	REVISED - ---							
	PLOT DATE = May 20, 2008 - 02:03:47 PM	DATE - -----	REVISED - ---		SCALE: -----	SHEET NO. -- OF --- SHEETS	STA. ----- TO STA. -----	CONTRACT NO. -----		
						FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

TIE POINT LOCATION STA	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE			MONUMENT RECORD TO BE RECORDED	NOTE
			SAME	PSM TYPE 1	LAND SECTION MARKER		
				EACH	EACH		
① IL 47 45±22	NE CORNER SEC 22 T25N R7E (MONUMENT RECORD)	PSM		1	YES	3	
② IL 47 1279+87.66	NW CORNER SEC 26 T25N R7E (MONUMENT RECORD)	PSM		1	YES	3	
③ IL 47 306+41.06	SW CORNER SEC 26 T25N R7E (MONUMENT RECORD)	PSM		1	YES	3	
④ IL 47 545±00	E-CORNER SEC 34 T25N R7E (MONUMENT RECORD)	PSM		1	YES	3	
⑤ IL 165 171+00	POT	PK NAIL	PK NAIL		NO	1	
⑥ IL 165 223±26	SW CORNER SEC 27 T25N R7E (MONUMENT RECORD)	3/8" REBAR		1	YES	2	
TOTALS				1	4		

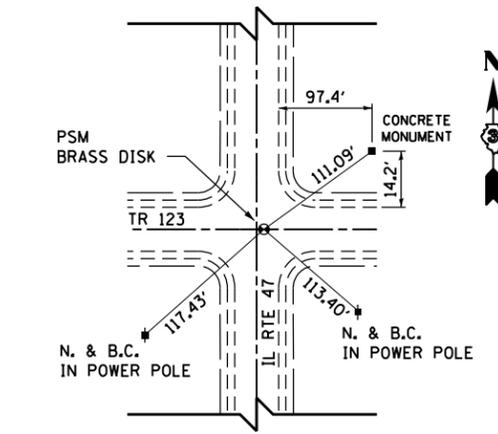
NOTES:

- ENGINEER WILL RE-ESTABLISH MONUMENT
- ENGINEER WILL RE-ESTABLISH MONUMENT AND FURNISH TIE SKETCHES TO DISTRICT 3 PLATS & PLANS
- PROFESSIONAL LAND SURVEYOR SHALL RE-ESTABLISH MONUMENT, RECORD NEW MONUMENT RECORD AND PROVIDE COPY TO DISTRICT 3 PLATS & PLANS

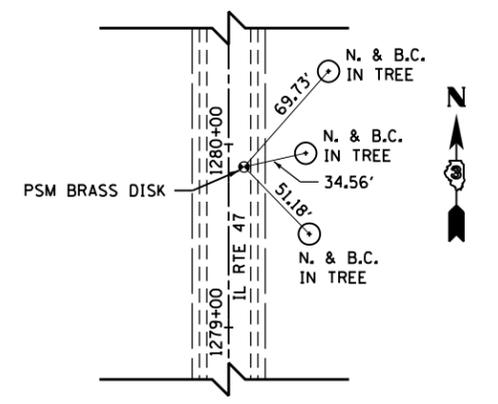
PSM = PERMANENT SURVEY MARKER

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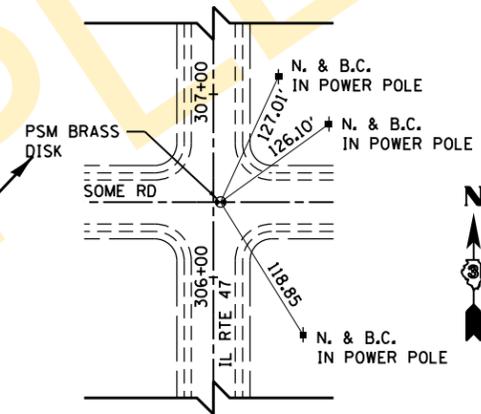
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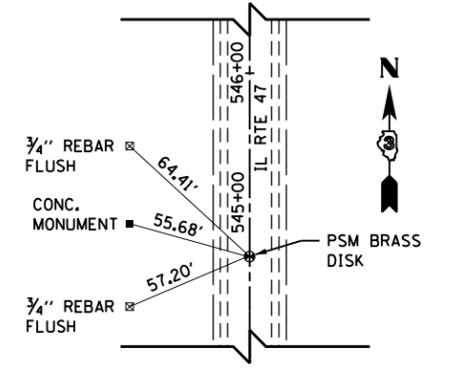
① TIES TO NE CORNER OF SECTION 22, T25N, R7E REPLACE WITH LAND SECTION MARKER STA 45±22



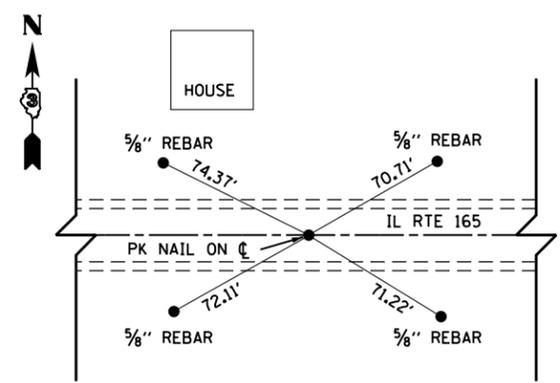
② TIES TO NW CORNER OF SECTION 26, T25N, R7E REPLACE WITH LAND SECTION MARKER STA 1279+87.66, 8.4' EAST OF IL 47 CENTERLINE



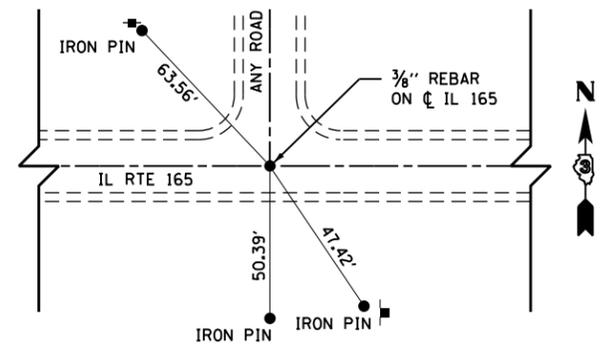
③ TIES TO SW CORNER OF SECTION 26, T25N, R7E REPLACE WITH LAND SECTION MARKER STA 306+41.06, 4.0' EAST OF IL 47 CENTERLINE



④ TIES TO EAST QUARTER CORNER OF SECTION 34, T25N, R7E REPLACE WITH LAND SECTION MARKER STA 545±00



⑤ TIES TO POT REPLACE WITH PK NAIL STA 171+00



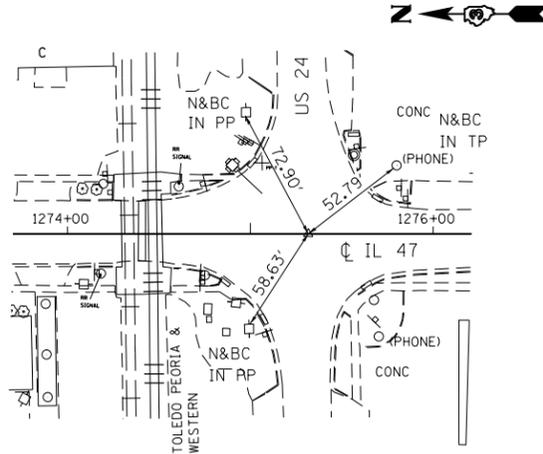
⑥ TIES TO SW CORNER OF SECTION 27, T25N, R7E REPLACE WITH PERMANENT SURVEY MARKER STA 223±26

FILE NAME =	USER NAME = rhond_fbash8u	DESIGNED -	REVISED -
C:\Users\rhond_fbash8u\Documents\DOT Example Plans\example plans from EnvisionCAD		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

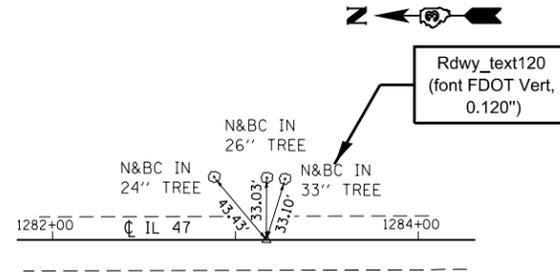
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TIE POINTS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.
NO SCALE			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	25R	FORD	322	17
CONTRACT NO. 12345				
ILLINOIS FED. AID PROJECT				



**P.I. STA. 1275 + 28.95**  
**CONC. NAIL**  
**OLD PT.#131A NEW PT.#283**



**P.O.T. STA. 1283 + 14.30**  
**CONC. NAIL**  
**OLD PT.#133 NEW PT.#20**

**BENCHMARKS**

- BM\*90 CHISLED SQUARE ON SOUTHEAST WINGWALL 25.1' LT. STA. 766+40 ELEV. 678.73
- BM\*88 NAIL IN POWER POLE 39.2' LT. STA. 779+06 ELEV. 674.33
- BM\*86 NAIL IN POWER POLE 38.6' LT. STA. 792+68.2 ELEV. 667.31
- BM\*84 CHISLED SQUARE ON SOUTHWEST WINGWALL 18.7' RT. STA. 805+64.5 ELEV. 667.62
- BM\*81 NAIL IN POWER POLE 38.3' LT. STA. 822+16.8 ELEV. 663.37
- BM\*78 CHISLED SQUARE NORTH END OF WEST HEADWALL BOX CULVERT 20.3' RT. STA. 836+86.4 ELEV. 663.24
- BM\*75 CHISLED SQUARE IN PAVEMENT NEAR PAVEMENT STAMP 852 11.3' RT. STA. 851+90.3 ELEV. 662.68
- BM\*71 CHISLED SQUARE IN PAVEMENT NEAR PAVEMENT STAMP 872 11.9' RT. STA. 851+90 ELEV. 671.10
- BM\*69 CHISLED SQUARE IN PAVEMENT NEAR PAVEMENT STAMP 882 12.1' RT. STA. 881+97 ELEV. 672.12
- BM\*66 CHISLED SQUARE IN PAVEMENT NEAR PAVEMENT STAMP 897 12.2' RT. STA. 896+91.6 ELEV. 675.78
- BM\*64 NAIL IN POWER POLE 40.1' LT. STA. 909+27.5 ELEV. 676.92
- BM\*61 CHISLED SQUARE IN PAVEMENT NEAR PAVEMENT STAMP 932 12' RT. STA. 931+83.6 ELEV. 655.75
- BM\*59 CHISELED SQUARE ON SOUTHWEST CORNER BRG. HUB GUARD 16.6' RT. STA. 950+48.1 ELEV. 655.02
- BM\*55 NAIL IN POWER POLE 38.9' LT. STA. 971+95.3 ELEV. 648.77
- BM\*52 NAIL IN POWER POLE 35.5' LT. STA. 988+44 ELEV. 649.46
- BM\*49 NAIL IN POWER POLE 39.9' LT. STA. 1006+99 ELEV. 652.40
- BM\*47 NAIL IN POWER POLE 39.6' LT. STA. 1018+87.9 ELEV. 656.59
- BM\*45 NAIL IN POWER POLE 39.3' LT. STA. 1031+71 ELEV. 671.74
- BM\*43 CHISLED SQUARE ON EAST HEADWALL OF BOX CULVERT 26.1' LT. STA. 1044+02 ELEV. 670.35
- BM\*40 NAIL IN POWER POLE 39.4' LT. STA. 1063+03.2 ELEV. 674.75
- BM\*38 CHISLED SQUARE ON WEST HEADWALL OF BOX CULVERT 42' RT. STA. 1076+81.5 ELEV. 674.27
- BM\*35 NAIL IN POWER POLE 38.7' LT. STA. 1093+36.5 ELEV. 687.91
- BM\*32 CHISLED SQUARE IN PAVEMENT NEAR PAVEMENT STAMP 1112 12.8' RT. STA. 1111+93.1 ELEV. 701.54
- BM\*27 NAIL IN POWER POLE 38.5' RT. STA. 1138+82.1 ELEV. 720.31
- BM\*24 NAIL IN FENCE POST 40.7' RT. STA. 1155+80.7 ELEV. 733.63
- BM\*22 CHISLED SQUARE IN PAVEMENT NEAR PAVEMENT STAMP 1167 12.3' RT. STA. 1167+14 ELEV. 726.62
- BM\*18 NAIL IN POWER POLE 39.3' RT. STA. 1188+71.1 ELEV. 728.23
- BM\*17 NAIL IN POWER POLE 39.2' RT. STA. 1196+62.3 ELEV. 726.92
- BM\*14 NAIL IN POWER POLE 38.6' LT. STA. 1214+21.6 ELEV. 700.43
- BM\*12 NAIL IN POWER POLE 36.0' LT. STA. 1225+76.7 ELEV. 697.95
- BM\*10 CHISLED "X" ON NORTHEAST BOLT, BOTTOM FLANGE FIRE HYDRANT 61' LT. STA. 1235+54 ELEV. 692.82
- BM\*8 CHISLED SQUARE ON EAST SIDE CONCRETE MANHOLE 41' RT. STA. 1247+90 ELEV. 688.39
- BM\*6 CHISLED "X" ON NORTHEAST BOLT, FIRE HYDRANT 24.2' RT. STA. 1256+23.1 ELEV. 691.44
- BM\*3 CHISLED "X" ON NORTHEAST BOLT, FIRE HYDRANT 24.6' RT. STA. 1266+57.5 ELEV. 687.80
- BM\*1 CHISLED SQUARE ON BRAKE POLE FOR SIGNAL 37.2' LT. STA. 1274+92 ELEV. 685.39

EXAMPLE

FILE NAME =	USER NAME = rhond_fbash8u	DESIGNED -	REVISED -
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	PLOT DATE = 3/9/2017	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>IL 47 ALIGNMENT TIE SHEET</b>			
<b>IDOT CONTROL POINTS &amp; BENCHMARKS</b>			
SCALE: NO SCALE	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	.	LIVINGSTON	33	33
•(123,123)RS-3,(124)RS-5,(123)BR-3			CONTRACT NO. 66601	
ILLINOIS FED. AID PROJECT				

ALIGNMENT COORDINATES - IL 170			
IL 170	STATION	N	E
POB	61+00.00	89149.4129	58408.8116
PC	65+26.35	88723.3957	58425.6638
PI	65+72.95	88676.8297	58427.5058
PT	66+19.50	88630.5863	58433.2798
PC	90+70.55	86198.4231	58736.9616
PI	93+27.97	85942.9886	58768.8554
PT	95+63.90	85769.0735	58958.6381
POT	100+13.44	85465.3538	59290.0683

ALIGNMENT COORDINATES-EAST LEG OF ACCESS DRWY			
	STATION	N	E
POB	1+00.00	87873.2559	58433.797
PC	1+66.68	87886.5781	58499.137
PI	1+90.78	87891.391	58522.743
PT	2+14.76	87892.3753	58546.814
POT	2+87.17	87895.3335	58619.156

ALIGNMENT COORDINATES - CARGILL DRWY			
	STATION	N	E
POB/PC	1+00.00	87813.2683	58445.9754
PI	1+51.62	87789.4713	58400.1697
PT	2+01.23	87789.6214	58348.5515
POT	4+70.32	87790.4034	58079.4614

Rdwy\_schedule120  
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Rdwy\_text100  
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Smaller text style was used due to scale and volume of information.

PROP. IL. RTE. 170 CURVE 1  
PI STA. = 65+72.95  
Δ = 4° 51' 07" (LT)  
D = 5° 12' 31"  
R = 1,100.00'  
T = 46.60'  
L = 93.15'  
E = 0.99'  
e = N/C  
P.C. STA. = 65+26.35  
P.T. STA. = 66+19.50

PROP. EAST LEG ACCESS DRIVEWAY CURVE  
PI STA. = 1+90.78  
Δ = 9° 10' 57" (RT)  
D = 19° 05' 55"  
R = 300.00'  
T = 24.09'  
L = 48.08'  
E = 0.97'  
P.C. STA. = 1+66.68  
P.T. STA. = 2+14.76

PROP. IL. RTE. 170 CURVE 2  
PI STA. = 93+27.97  
Δ = 40° 22' 52" (LT)  
D = 8° 11' 06"  
R = 700.00'  
T = 257.42'  
L = 493.35'  
E = 45.83'  
e = 5.7%  
T.R. = 31'  
S.E. RUN = 177'  
P.C. STA. = 90+70.55  
P.T. STA. = 95+63.90

PROP. ACCESS DRIVEWAY CURVE 1  
PI STA. = 2+27.72  
Δ = 7° 21' 46" (RT)  
D = 19° 05' 55"  
R = 300.00'  
T = 19.30'  
L = 38.55'  
E = 0.62'  
P.C. STA. = 2+08.41  
P.T. STA. = 2+46.97

PROP. ACCESS DRIVEWAY CURVE 2  
PI STA. = 3+56.51  
Δ = 16° 18' 52" (LT)  
D = 38° 11' 50"  
R = 150.00'  
T = 21.50'  
L = 42.71'  
E = 1.53'  
P.C. STA. = 3+35.01  
P.T. STA. = 3+77.72

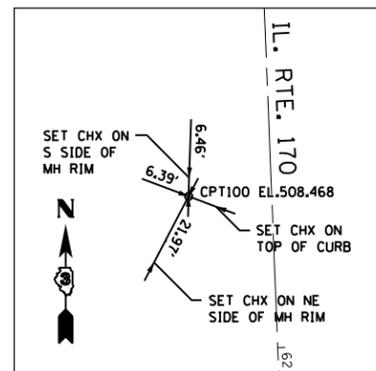
PROP. ACCESS DRIVEWAY CURVE 3  
PI STA. = 6+88.99  
Δ = 64° 04' 50" (LT)  
D = 114° 35' 30"  
R = 50.00'  
T = 31.29'  
L = 55.92'  
E = 8.98'  
P.C. STA. = 6+57.70  
P.T. STA. = 7+13.62

PROP. ACCESS DRIVEWAY CURVE 4  
PI STA. = 7+47.51  
Δ = 48° 42' 19" (RT)  
D = 114° 35' 30"  
R = 50.00'  
T = 22.63'  
L = 42.50'  
E = 4.88'  
P.C. STA. = 7+24.88  
P.T. STA. = 7+67.39

PROP. CARGILL DRIVEWAY CURVE  
PI STA. = 1+51.62  
Δ = 27° 37' 09" (RT)  
D = 27° 17' 01"  
R = 210.00'  
T = 51.62'  
L = 101.23'  
E = 6.25'  
P.C. STA. = 1+00.00  
P.T. STA. = 2+01.23

ALIGNMENT COORDINATES - ACCESS DRIVEWAY			
	STATION	N	E
POB	1+00.00	88351.7029	
PC	2+08.41	88243.3982	58398.3319
PI	2+27.72	88224.1155	58399.1983
PT	2+46.97	88204.8808	58397.5864
PC	3+35.01	88117.1475	58390.2342
PI	3+56.51	88095.7218	58388.4387
PT	3+77.72	88074.6543	58392.7341

ALIGNMENT COORDINATES-ACCESS DRIVEWAY (CONT)			
	STATION	N	E
PC	6+57.70	87800.3144	58448.6692
PI	6+88.99	87769.6529	58454.9207
PT	7+13.62	87761.8733	58485.2306
PC	7+24.88	87759.0737	58496.1377
PI	7+47.51	87753.4473	58518.0584
PT	7+67.39	87733.2647	58528.2973
POT	8+15.87	87690.0218	58550.2348



**CONTROL POINT #100**

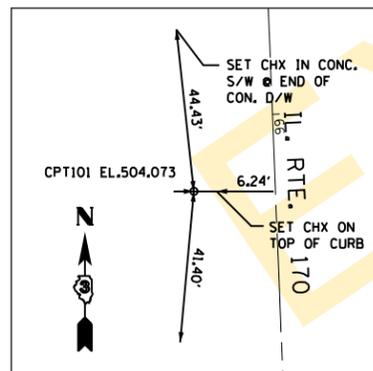
SET CHX IN CENTER OF CONCRETE SIDEWALK AT THE NORTHWEST CORNER OF SOUTH AND MAIN ST.

STA. 61+57.74, 22.72' RT.  
N 89090.8190  
E 58388.3920  
ELEV. 508.468

**BENCHMARK P-141**

ELEV. 508.79

BRASS DISK FOUND IN N/S CORNER OF CONCRETE FOUNDATION FOR WATER TOWER (REMOVED) SOUTH OF E. ARMOUR ST. 0.7' EAST OF ASPHALT ALLEY EAST EDGE



**CONTROL POINT #101**

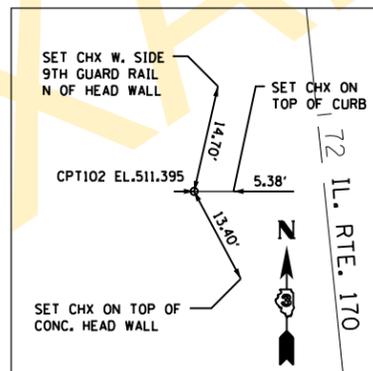
SET CHX IN CONCRETE SIDEWALK AT RES #429

STA. 66+18.08, 26.18' RT.  
N 88628.7870  
E 58407.1180  
ELEV. 504.073

**BENCHMARK "A"**

ELEV. 508.50

CHISELED "X" AT NORTH EAST SIDE OF MANHOLE RIM. NW INTERSECTION OF SOUTH ST. AND MAIN ST. ±22' SOUTH SOUTHWEST OF CONTROL POINT #100



**CONTROL POINT #102**

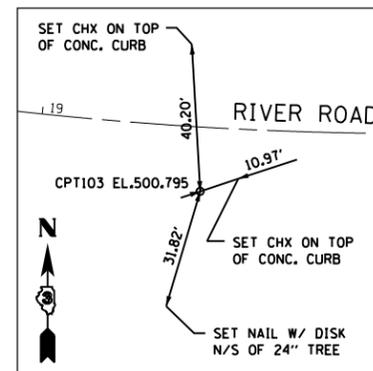
SET 18" #5 REBAR WITH CAP (NO ID)

STA. 72+06.67, 58.87' RT.  
N 88040.6490  
E 58447.6140  
ELEV. 511.395

**BENCHMARK "B"**

ELEV. 506.62

" " CUT ON WEST SIDE CONCRETE BASE OF LIGHT POLE. FIRST POLE NORTH OF SOUTH ENTRANCE TO SCHOOL PARKING LOT



**CONTROL POINT #103**

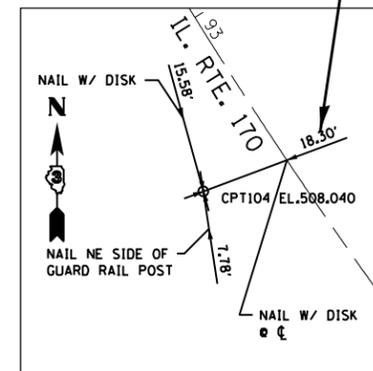
SET 18" #5 REBAR WITH CAP (NO ID)

STA. 19+43.82, 19.59' RT.  
N 86410.0370  
E 58571.5320  
ELEV. 500.795

**BENCHMARK "C"**

ELEV. 499.64

" " CUT ON SOUTHWEST CORNER OF HEADWALL. NORTH SIDE OF DUPONT RD. ±150' WEST OF S. MAIN ST. (IL RTE. 170)

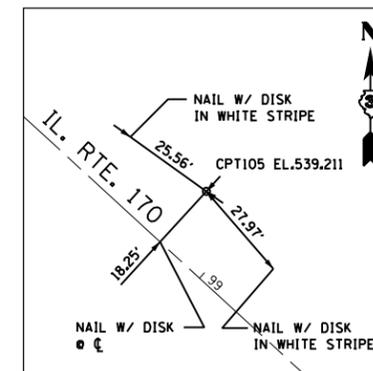


**CONTROL POINT #104**

SET 18" #5 REBAR WITH CAP (NO ID)

STA. 93+13.24, 34.59' RT.  
N 85951.8630  
E 58776.9420  
ELEV. 508.040

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**CONTROL POINT #105**

SET 18" #5 REBAR WITH CAP (NO ID)

STA. 98+63.13, 18.74' LT.  
N 85580.7240  
E 59191.9150  
ELEV. 539.211

Rdwy\_title240  
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# PLAN AND PROFILE VIEWS (continued)

Additional items the District is looking for on the plans sheets are:

- ADA compliance
- Locations of any traffic counter loops
- Locations of asbestos removal
- Locations of septic tank or well abandonment
- Locations of underground storage tanks
- Locations of protected areas such as wetlands, hazardous waste, or property owner commitments

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS CHKD	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS CHKD	

**PROFILE VIEW**

- Show the profile of the finished surface or top of the subgrade along the centerline for the proposed facility.
- Use the same horizontal scale as shown for the plan view. The vertical scale is typically 1 in = 5 ft (1:50 metric) or 1 in = 10 ft (1:100 metric).
- Show the existing ground line to the nearest 0.1 ft (30 mm) and existing pavement surfaces to the nearest 0.01 ft (5 mm).
- Show the vertical curve data above the profile line for crest curves and below the profile line for sag curves. Include the following vertical data for each curve:
  - small triangle at the VPI,
  - small circles (0.1 in (2.5 mm) diameter) at all other vertical curve control points,
  - the VPI station, including short segments of vertical tangents,
  - the vertical curve length,
  - the elevation at the VPI, and
  - the "M" distance between the VPI and roadway surface.
- Show tangent grades to the nearest hundredth of a percent (i.e., 0.01%). Use a "+" prefix for positive grades and "-" prefix for negative grades.
- Show the benchmark information on the top portion of the profile view.
- Show the elevations for the survey line and proposed centerline vertically every 100 ft (25 m) for rural projects and every 50 ft (10 m) for urban projects. For vertical curves, use a closer interval. The survey elevation is shown to the left of the station ordinate line and proposed centerline elevation to the right.
- Provide additional profiles, where necessary, for:
  - pavement edges,
  - drainage structures,
  - special ditches,
  - side roads, and
  - other situations.
- Show locations of all undercutting for unsuitable materials with cross hatching and show this excavation to the top of subgrade. Note the applicable stations and depth of excavation on the profile sheet.
- For bridges within the project, show elevations for:
  - abutments,
  - piers,
  - low vertical clearance points,
  - the high water level, and
  - stream bed.

Benchmark information locations

Provide elevations to show scale of profile

Place existing elevation here

Place proposed elevation here

Place station here



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0.240")

**PAVEMENT REMOVAL LEGEND**

- PAVEMENT REMOVAL
- REMOVAL OF EXISTING STRUCTURES  
STA 260+04.5 TO STA 260+41.5

PR PAVEMENT WIDENING TO BE CONST.  
AS HMA SURF CSE, 1 1/2"  
ON HMA BASE CSE, 1 1/4"  
ON 4" SUBBASE GRN MTL, TY A

Rdwy\_text120  
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0.120")

NOTE A:

ALL TREES WITHIN CONSTRUCTION LIMITS ARE TO BE REMOVED  
UNLESS DESIGNATED WITH A CIRCLE ON THE PLAN SHEET AND  
NOTED IN THE TREE TRUNK PROTECTION SCHEDULE.

PR HMA SURFACE REM, 3/4"  
PR LVL BINDER, 3/4"  
PR HMA SURFACE CSE, 1 1/2"  
SEE MIX TABLE & SCHEDULE FOR DETAILS

STA 260+23 (0° SKEW)  
PR TRIPLE 11'X9'X100' BOX CULVERT  
(PRECAST W/CAST-IN-PLACE HDWLS.)  
PR SN 050-2043, SEE STRUCTURE PLANS  
EX BRIDGE (SN 050-0067) TBR

PR STONE DUMPED RIPRAP CL A4  
W/ FILTER FABRIC & 6" BEDDING  
MATERIAL

PR HMA SURFACE CSE, 1 1/2"  
ON HMA BIND CSE, 1 1/4"  
ON 4" SUBBASE GRN MTL, TY A

BEGIN PROJECT  
PR BUTT JOINT  
STA 255+74

PR 3' HMA SHLD

PR 5' AGG SHLD

PR 8' HMA SHLD

PR SPBGR TY A &  
TY 1 (SP) TERM SECTIONS  
SEE SCHEDULE FOR DETAILS

ILLINOIS ROUTE 71

STA 259+73  
END MILLING/RESURFACING  
BEGIN RECONSTRUCTION

STA 260+72  
END RECONSTRUCTION  
BEGIN MILLING/RESURFACING

REMOVE EX' CULVERT

TR 366 STA 9+46.81 TO STA 9+60.64  
PR PAVEMENT REMOVAL AND PATCH  
SEE SCHEDULES FOR DETAILS

STA 9+51.85 (TR 366)  
PR 36" RCCP W/ PRCFES & GRATING  
61.52 LT USFL=609.63; 42.77 RT DSFL=608.59

40' R - 100' R  
8' OFFSET

REMOVE EX PAVED DITCH

REMOVE EX SPBGR  
REMOVE EX PAVED DITCH

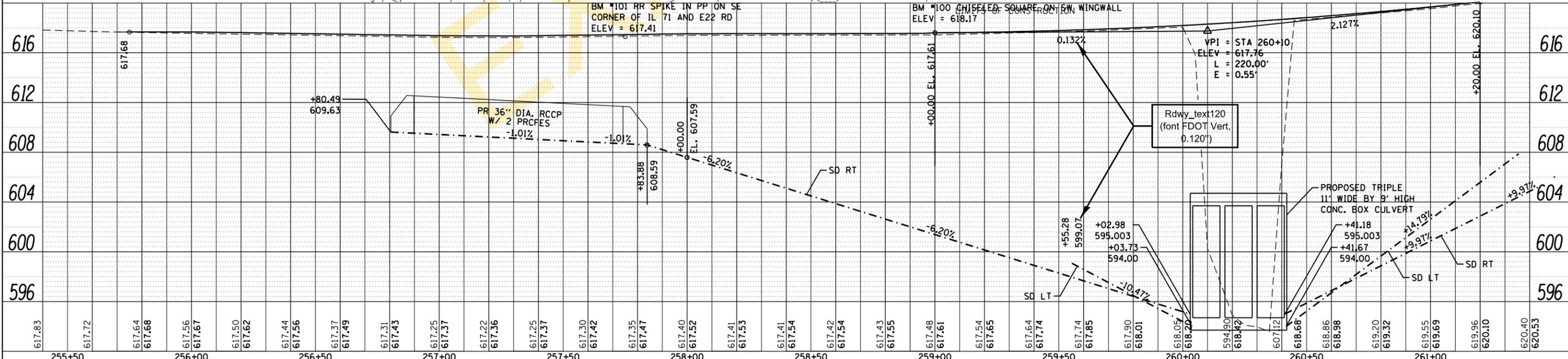
**IL 71/TR 366 INTERSECTION LAYOUT**

PT	STA	OFFSET	ELEV
A	IL 71 STA 256+81.18	11' RT	617.266
B	IL 71 STA 257+19.13 TR 366 STA 9+58.59	38.35' FT 23.45' LT	616.339
C	TR 366 STA 9+06.59	10' LT	616.361
D	TR 366 STA 9+40.00	12.15' RT	616.323
E	TR 366 STA 9+79.43 IL 71 STA 257+86.8	42.53' RT 23.22' RT	616.376
F	IL 71 STA 258+96.68	11' RT	617.415

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BEGIN PROJECT (TR 366)  
PR BUTT JOINT  
STA 8+79

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DATE	BY	SURVEYED	PLANNED	NOTED	FILE NAME

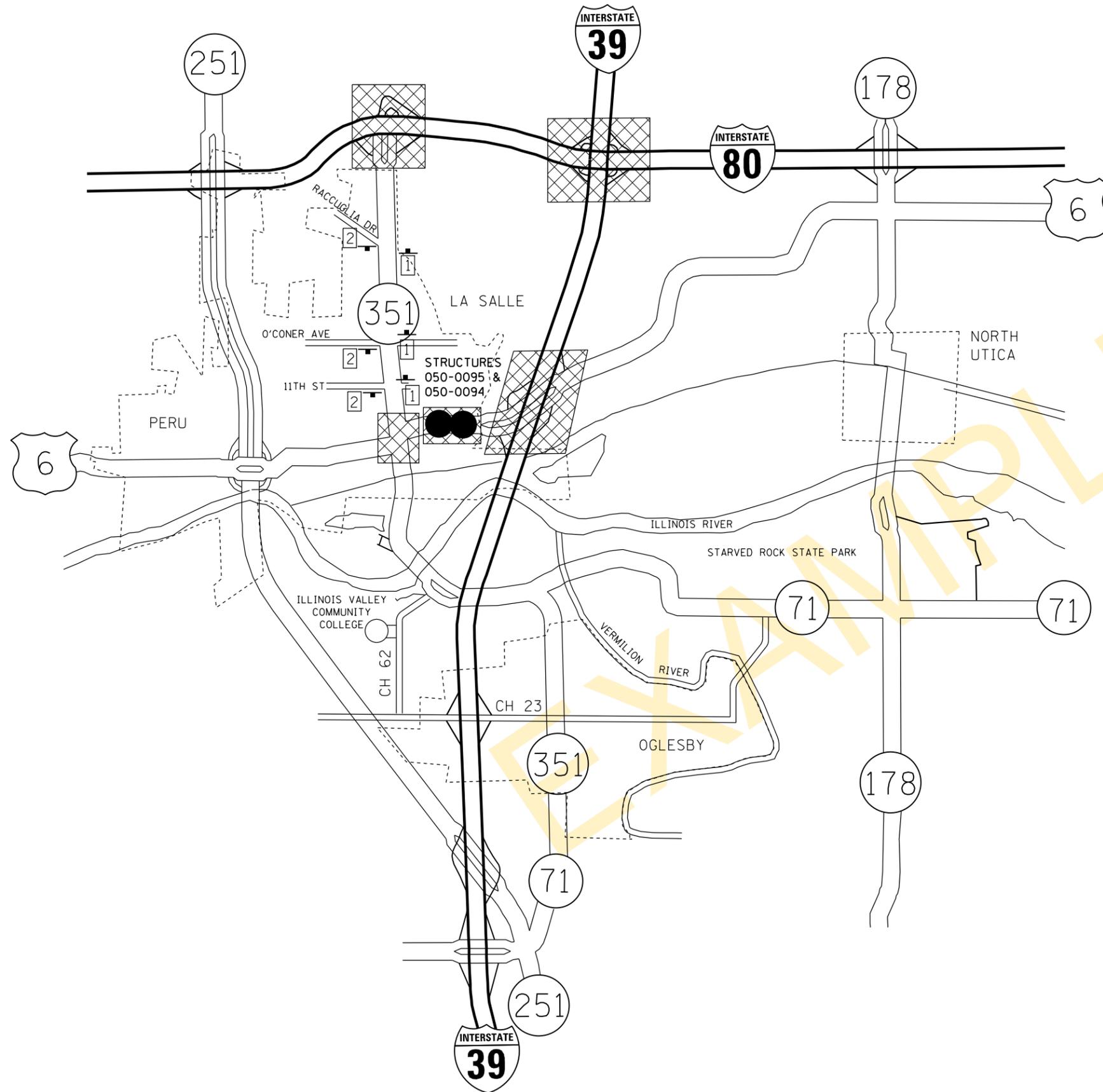
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PLOT SCALE = 40:0.0000 1" = 40'		CHECKED =	REVISED =					CONTRACT NO. 66449				
PLOT DATE = 3/9/2017		DATE =	REVISED =					ILLINOIS FED. AID PROJECT				









**NOTES**

PRIOR TO INSTALLING POST MOUNTED SIGNS, THE CONTRACTOR SHALL CONTACT J.U.L.I.E.

IDOT WILL SUPPLY 32 MI-4, "US 6," SIGNS FROM DISTRICT 3 BUREAU OF OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION, MAINTENANCE, AND REMOVAL OF IDOT-SUPPLIED SIGNS. ALL OTHER SIGNAGE SHALL BE SUPPLIED BY THE CONTRACTOR.

ANY IDOT SIGN THAT IS COVERED OR CHANGED SHALL BE DONE IN A MANNER WHICH DOES NOT DAMAGE ANY SIGNS OR POSTS. ANY SIGN OR POST WHICH THE ENGINEER DETERMINES HAS BEEN DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S OWN EXPENSE.

THE DETOUR IS REQUIRED TO REMAIN IN PLACE UNTIL THE WORK NECESSARY TO REMOVE STRUCTURE 050-0095 AND RECONSTRUCT US ROUTE 6 HAS BEEN COMPLETED EXCEPT FOR THE FINAL SURFACE COURSE LIFT.

SEE STAGE CONSTRUCTION SHEETS FOR ADDITIONAL ROAD CLOSURE SIGNING.

SEE STANDARDS 701801 AND 702001 FOR ADDITIONAL INFORMATION.

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Medium Condensed,  
0.240")

**LEGEND (THIS SHEET)**

	SEE OTHER PLAN SHEETS FOR MORE DETAILS
1	<p><b>DETOUR</b> M4-8(F0) 24"X12"</p> <p><b>EAST</b> M3-2 24"X12"</p> <p> M1-4 24"X24"</p>
2	<p><b>DETOUR</b> M4-8(F0) 24"X12"</p> <p><b>WEST</b> M3-4 24"X12"</p> <p> M1-4 24"X24"</p>

NOT TO SCALE

FILE NAME =	USER NAME = rhond_fbash8u	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROAD CLOSURE AND DETOUR TRAFFIC CONTROL PLAN SN 050-0095</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\rhond_fbash8u\Documents\IDOT Example Plans\example plans from EnvisionCAD	DRAWN -	REVISED -	623			(34)R, DM & (X-1)RS & BR	LASALLE	126	30	
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PLOT DATE = 3/9/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. 1 OF 7 SHEETS	STA.	TO STA.			



NOTES:  
PRIOR TO INSTALLING POST MOUNTED SIGNS,  
THE CONTRACTOR SHALL CONTACT J.U.L.I.E.

A TRUCK DETOUR IS REQUIRED DURING  
STAGE II CONSTRUCTION.

PROPOSED GUARDRAIL ON THE SOUTH  
SIDE OF THE STRUCTURE SHALL BE  
INSTALLED PRIOR TO STAGE III.  
PROPOSED GUARDRAIL ON THE NORTH  
SIDE OF THE STRUCTURE SHALL BE  
INSTALLED DURING STAGE III

THE SURFACE COURSE SHALL BE PLACED  
AFTER STAGE III CONSTRUCTION.

SEE STANDARDS 701321 AND 702001 AND  
STRUCTURE DETAILS FOR ADDITIONAL  
INFORMATION.

- SIGNS INCLUDED IN COST OF TRAFFIC  
CONTROL AND PROTECTION FOR  
TEMPORARY DETOUR

**STAGING QUANTITIES**

PAY ITEM	STAGE I	STAGE II	STAGE III	TOTAL QUANTITY	UNITS
TEMP CONC BARRIER	573	598		1171	FEET
RELOC TEMP CONC BAR		573	598	1171	FEET
IMPACT ATT, TEMP (NON-R) TL3	2	2		4	EACH
IMPACT ATT, RELOC, (NON-R) TL3		2	2	4	EACH
PAV'T MARK TAPE, TY III 4"			972	972	FEET
PAV'T MARK TAPE, TY III 24"	33			33	FEET
WORKZONE PAV'T MARK REM			390	390	SO FT
TEMPORARY PAVEMENT		56		56	TONS
PAVEMENT REMOVAL			126	126	SO YDS

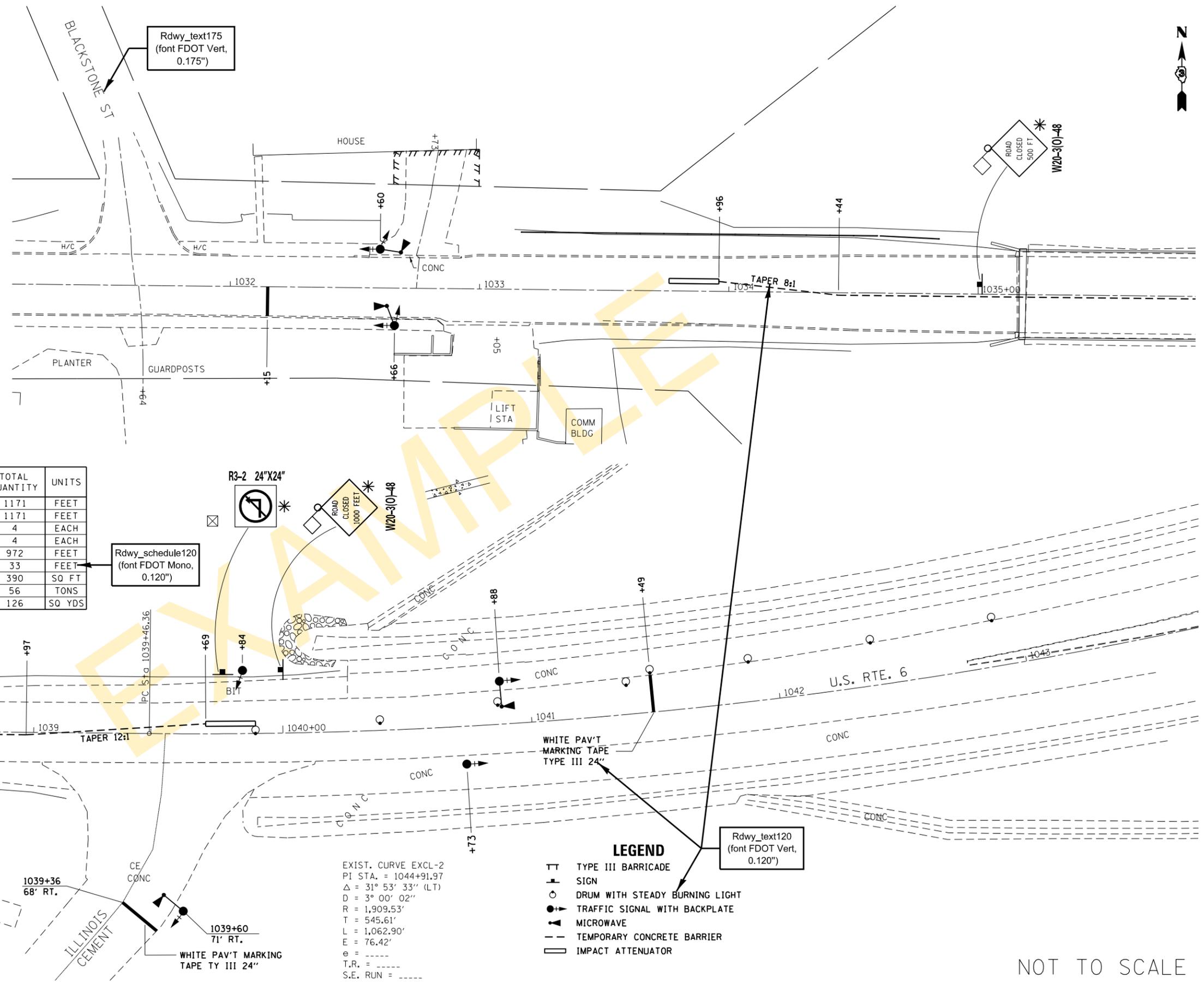
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0.240")

Rdwy\_schedule120  
(font FDOT Mono,  
0.120")

Rdwy\_text120  
(font FDOT Vert,  
0.120")



- LEGEND**
- TT TYPE III BARRICADE
  - ⊥ SIGN
  - DRUM WITH STEADY BURNING LIGHT
  - TRAFFIC SIGNAL WITH BACKPLATE
  - ▲ MICROWAVE
  - TEMPORARY CONCRETE BARRIER
  - ▭ IMPACT ATTENUATOR

NOT TO SCALE

FILE NAME =	USER NAME = rhond_fbash8u	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STAGE CONSTRUCTION TRAFFIC CONTROL SN 050-0094 STAGE I</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\Users\rhond_fbash8u\Documents\100T E	Example Plans\example plans from EnvisionCAD	DRAWN -	REVISED -			623	(34)R, DM & (X-1)RS & BR	LASALLE	126	137	
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	PLOT DATE = 3/9/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. OF SHEETS	STA. TO STA.					

# Erosion and Sediment Control Details

Determine which *IDOT Highway Standards* are applicable for erosion and sediment control on the project.

Where necessary, provide any commitments or General Notes that relate to erosion and sediment control.

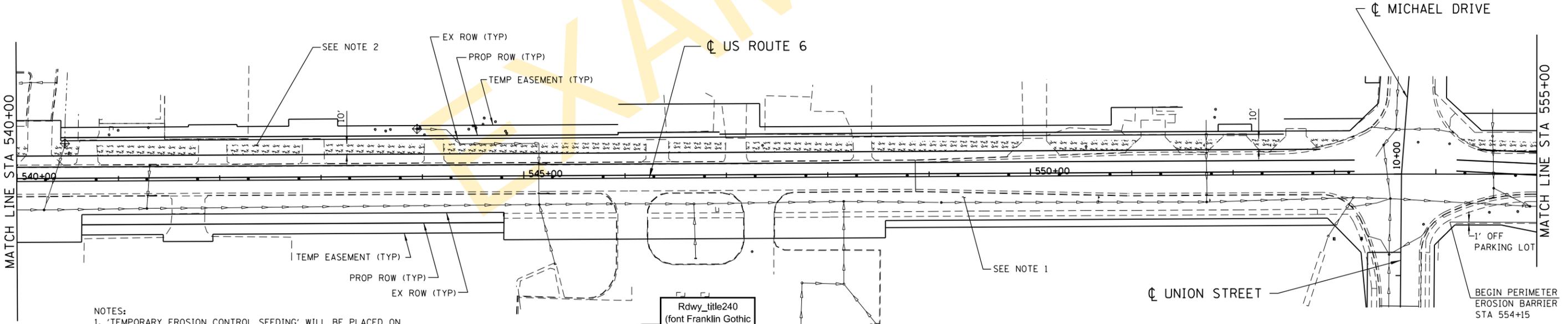
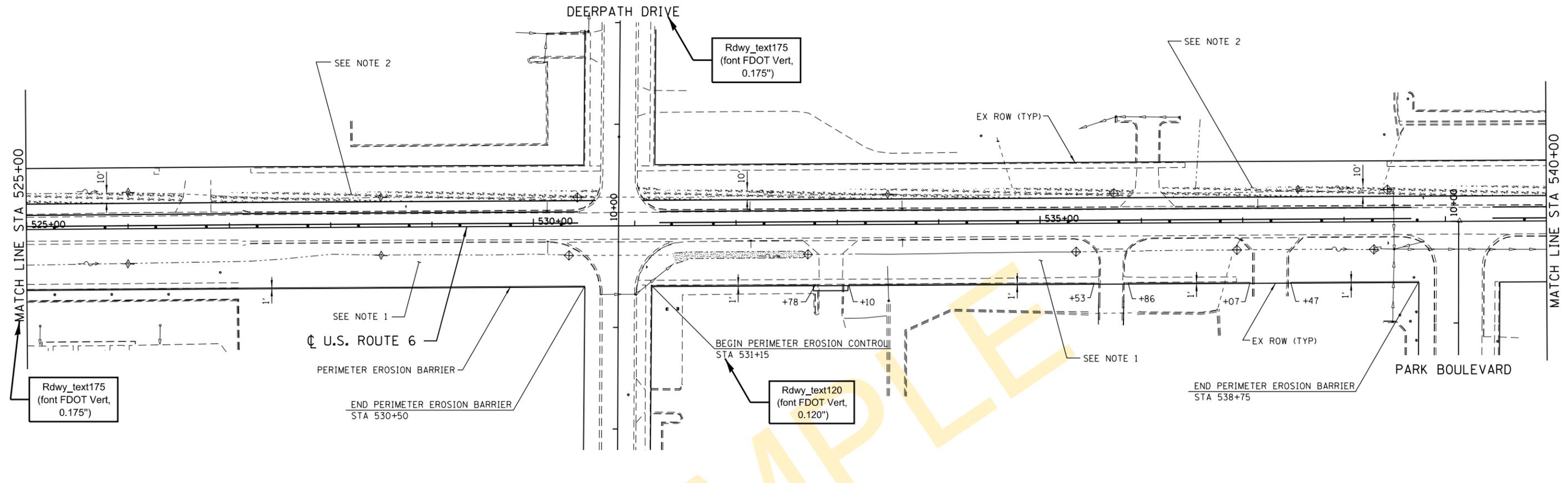
Where necessary, provide plan view sheets showing:  
 proposed construction staging,  
 location and protection of environmentally sensitive areas,  
 location of erosion and sediment control items, and  
 general notes for construction, pay items, etc.

Use double plan sheets as appropriate.

Place description of sheet here

Information is same as cover sheet

FILE NAME = c:\projects\d3names\verdine\verdine.dgn	USER NAME = verdinem1	DESIGNED - --- DRAWN - ---	REVISED - --- REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: ----- SHEET NO. -- OF --- SHEETS STA. ----- TO STA. -----	F.A. RTE.: SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 4.0000' / IN. PLOT DATE = May 20, 2008 - 02:03:47 PM		CHECKED - --- DATE - -----	REVISED - --- REVISED - ---			CONTRACT NO. -----		ILLINOIS FED. AID PROJECT	



- NOTES:**
1. "TEMPORARY EROSION CONTROL SEEDING" WILL BE PLACED ON ALL ERODIBLE EARTH AREAS AS DIRECTED BY THE ENGINEER AS PER THE SPECIFICATIONS.
  2. CONTRACTOR MUST MULCH ALL AREAS DISTURBED AS A RESULT OF TEMPORARY PAVEMENT PLACEMENT IN PRE-STAGE 1. PAYMENT WILL ONLY BE FOR MADE FOR THE 10' SHOWN. ADDITIONAL MULCH PLACED WILL BE DONE SO AT THE CONTRACTOR'S EXPENSE.
  3. TEMPORARY MULCH WILL MEET REQUIREMENTS OF AND BE PAID FOR AS "MULCH, METHOD 2".

**LEGEND**

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TEMPORARY MULCH
- TEMPORARY DITCH CHECK

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION CONTROL PLAN STAGE I</b>			
SCALE: 1" = 50'	SHEET NO.	OF SHEETS	STA. 525+00 TO STA. 555+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5953	[G,DR]R[O]R,BR,BR-1	GRUNDY	327	164
CONTRACT NO. 66220				
ILLINOIS FED. AID PROJECT				

# Drainage and Utilities Sheets

1. For culverts, note the following on the drainage plan view sheet:  
 centerline station for the ends,  
 direction and distance of the ends from the centerline,  
 culvert type (do not specify pipe material),  
 pipe size and length,  
 flow direction,  
 skew angle,  
 upstream and downstream flow elevations,  
 end section or headwall type and size,  
 waterway table if not shown elsewhere in plans, and  
 all applicable construction notes.
2. For storm drainage pipes, show the following:  
 Plan View  
 each run of pipe between manholes, catch basins, and inlets;  
 pipe diameter and length; and  
 gradient.  
 Profile View  
 diameter of pipe,  
 type of pipe (do not specify pipe material),  
 length, and  
 gradient.
3. For manholes, catch basins, and inlets, show the following:  
 Plan View  
 centerline station,  
 direction and distance from centerline,  
 edge of pavement or ground elevation, and  
 invert elevations for all pipes.  
 Profile View  
 centerline station,  
 direction from centerline,  
 device type and size,  
 invert elevations for all pipes, and  
 top of casting elevation.  
 Note if Flat Slab Top or Restricted Depth is required.
4. For end sections, show the following:  
 Plan View  
 centerline station and offset,  
 type, and  
 size.  
 Profile View  
 centerline station,  
 direction from centerline,  
 device type and size, and  
 outflow elevation at the bottom of pipe.
5. Note special ditch locations with invert elevations at 100 ft (25 m) intervals on the cross sections. On the profile view note:  
 gradient percentage,  
 centerline station,  
 beginning and ending elevations, and  
 elevations at gradient changes.
6. Show drainage direction arrows for all ditches, waterways, and streams.
7. Note all overhead utilities where they cross the centerline and the type of utility.
8. Note all underground utilities within the right-of-way limits affected by the construction with the following:  
 Plan View  
 centerline station,  
 direction and distance from the centerline, and  
 all applicable elevations.  
 Profile View  
 type and size.

For Waterway Table guidelines see 1-303.02 Plan Notation - Waterway Information in the IDOT Drainage Manual found at the IDOT web site:  
 -  
[www.idot.illinois.gov](http://www.idot.illinois.gov)  
 Doing Business  
 Procurements  
 Engineering, Architectural & Professional Services  
 Consultant Resources  
 Bridges & Structures  
 Hydraulics  
 Technical Manuals

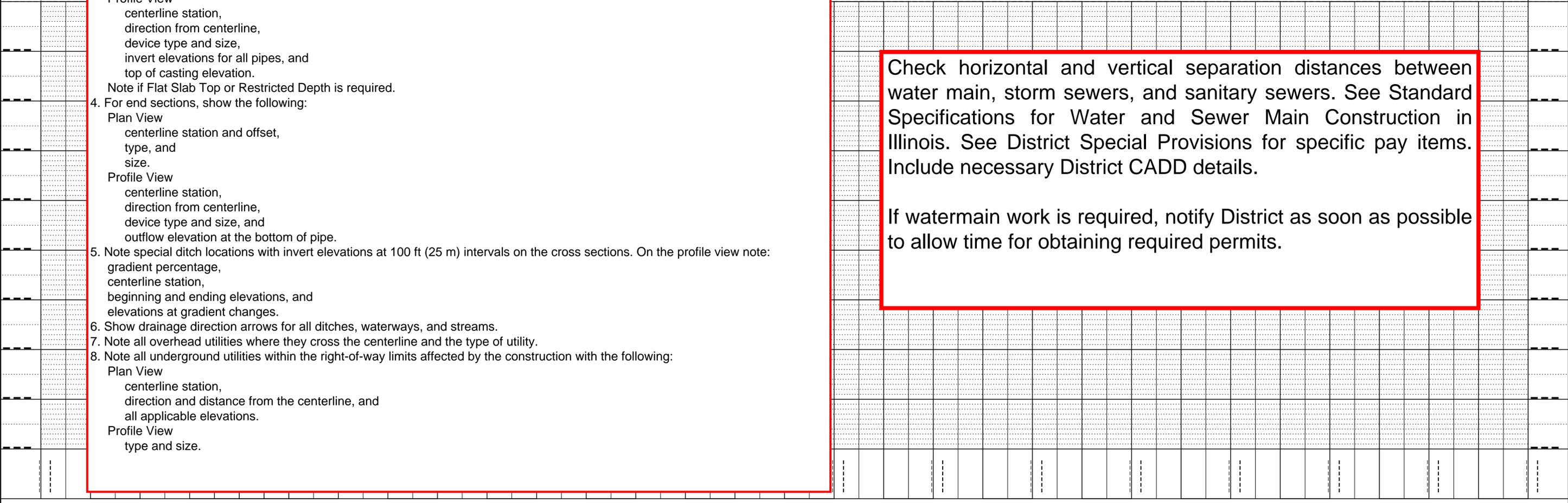
If rock is suspected or known to be in the area, verify the rock elevations and whether rock excavation is needed or not.

When utilities have been located using a S.U.E. survey, include the test hole locations on the drainage sheets with a page reference to the test hole data sheet.  
  
 Include test hole data sheets in plans immediately following the utility sheets from S.U.E.

Check horizontal and vertical separation distances between water main, storm sewers, and sanitary sewers. See Standard Specifications for Water and Sewer Main Construction in Illinois. See District Special Provisions for specific pay items. Include necessary District CADD details.  
  
 If watermain work is required, notify District as soon as possible to allow time for obtaining required permits.

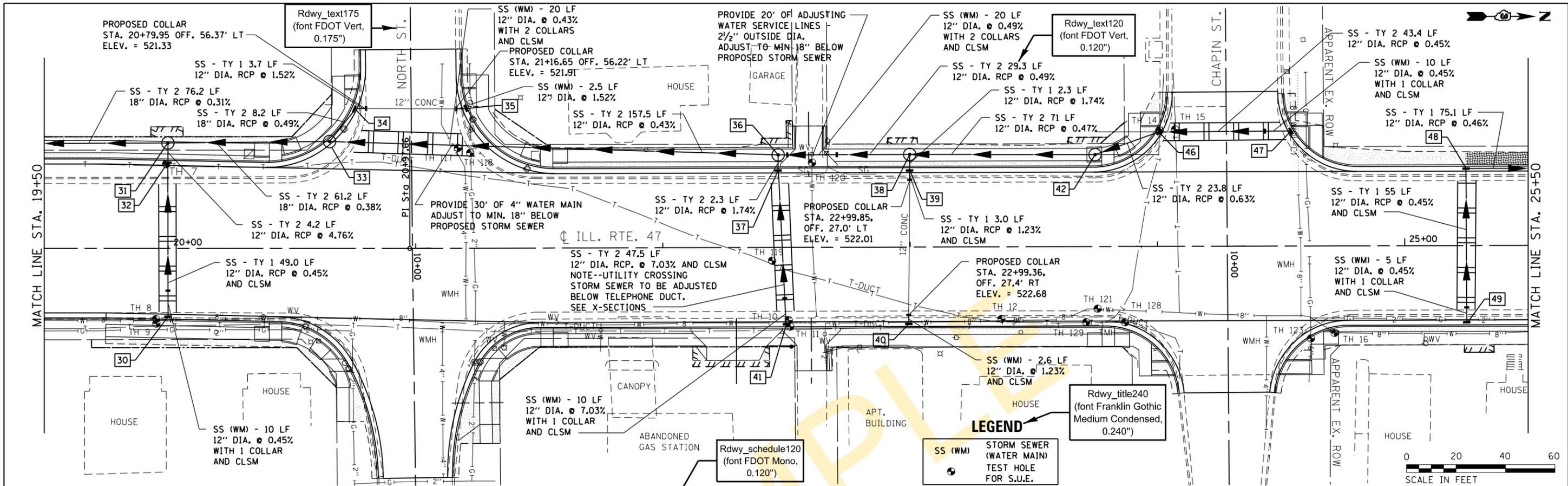
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	AT	
	FILE NAME	

PROFILE	SURVEYED	DATE
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	STRUCTURE NOTATION	
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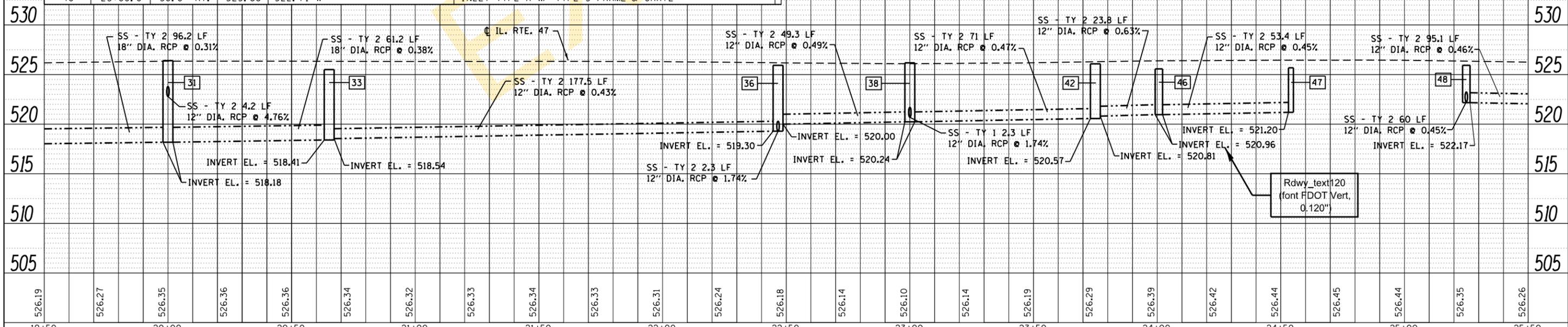


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BY	
PLAN	
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DATE	
BY	
PROFILE	
NO.	



STRUCT NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE	STRUCT NUMBER	STATION	OFFSET	RIM ELEV.	INVERT ELEV.	STRUCTURE TYPE
545	30	20+00.0	26.5' RT.	525.90	523.37 W	41	22+50.0	30.0' RT.	525.73	523.48 W	INLET TYPE A W/ TYPE 3 FRAME & GRATE
	31	20+00.0	42.6' LT.	526.41	518.18 N; 518.18 S; 522.80 E	42	23+75.0	37.0' LT.	526.09	520.81 N; 520.57 S	MANHOLE TYPE A 4' DIA. W/ TYPE 1 FRAME CL
	32	20+00.0	33.4' LT.	525.90	523.00 W; 523.10 E	43					
540	33	20+65.2	43.1' LT.	525.50	518.54 N; 518.41 S; 520.29 W	44					
	34	20+75.4	55.1' LT.	525.19	521.27 N; 520.33 E	45					
	35	21+20.0	56.2' LT.	525.08	521.95 S	46	24+00.7	46.1' LT.	525.58	520.96 N; 520.96 S	INLET TYPE B W/ TYPE 3 FRAME & GRATE
	36	22+46.7	37.3' LT.	525.94	520.00 N; 519.30 S; 519.30 E	47	24+54.1	46.4' LT.	525.68	521.20 S	INLET TYPE A W/ TYPE 3 FRAME & GRATE
535	37	22+46.7	30.0' LT.	525.74	519.34 W; 519.44 E	48	25+25.0	30.0' LT.	525.93	522.17 N; 522.25 E	INLET TYPE B W/ TYPE 3 FRAME & GRATE
	38	23+00.0	37.3' LT.	526.18	520.24 N; 520.24 S; 520.70 E	49	25+25.0	30.0' RT.	525.93	522.52 W	INLET TYPE A W/ TYPE 3 FRAME & GRATE
	39	23+00.0	30.0' LT.	525.68	521.97 E; 520.74 W	50					
	40	23+00.0	30.0' RT.	525.68	522.71 W						



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

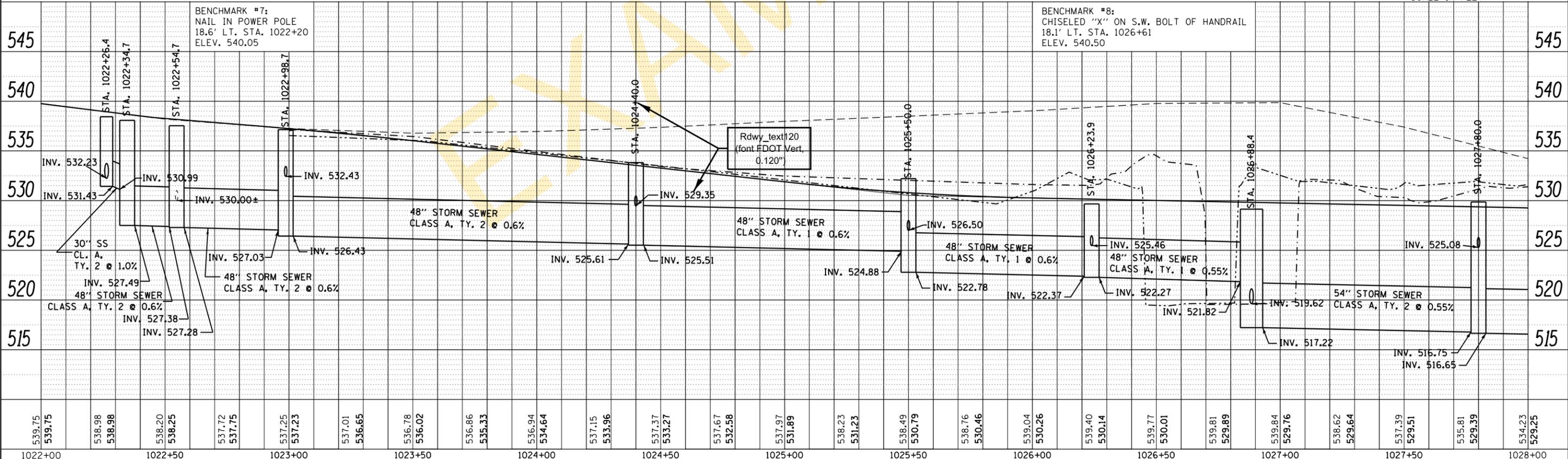
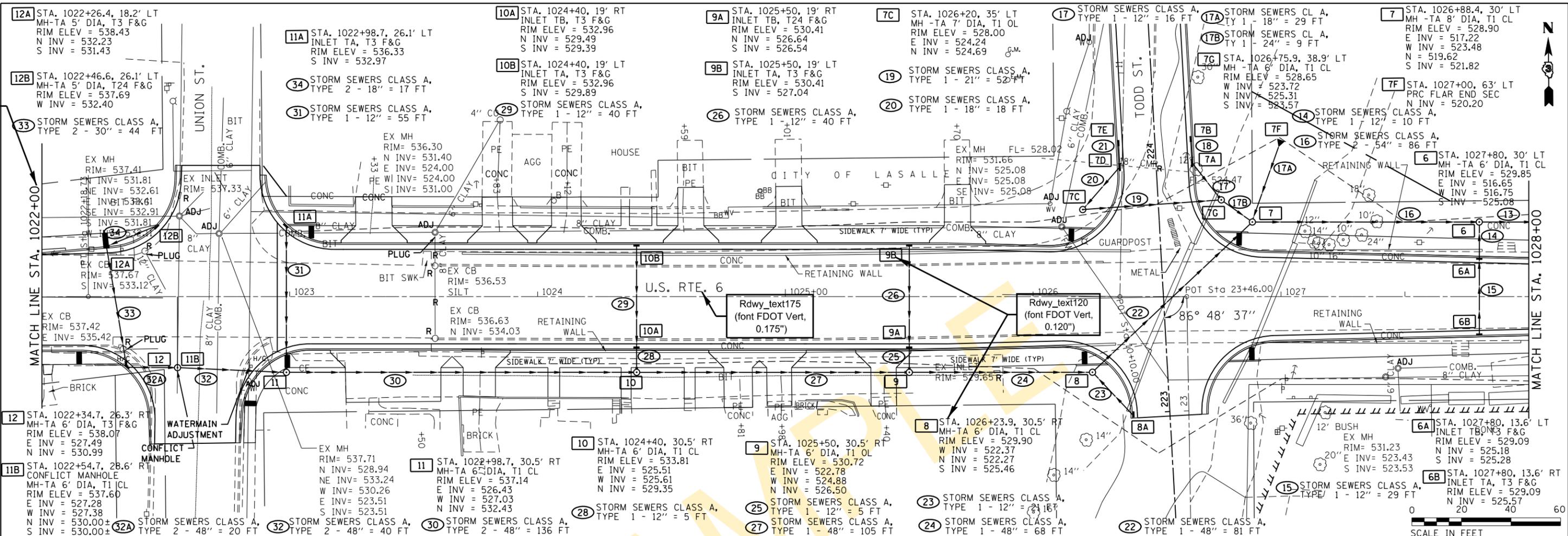
IL 47  
STORM SEWER PLANS

CONTRACT NO. 66720  
ILLINOIS FED. AID PROJECT

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STRUCTURE	
NOTATIONS	
CPWD	
NO.	



539.75	539.75	538.98	538.98	538.20	538.25	537.72	537.75	537.25	537.23	537.01	536.65	536.78	536.02	536.86	535.33	536.94	534.64	537.15	533.96	537.37	533.27	537.67	532.58	537.97	531.89	538.23	531.23	538.49	530.79	538.76	530.46	539.04	530.26	539.40	530.14	539.77	530.01	539.81	529.89	539.84	529.76	538.62	529.64	537.39	529.51	535.81	529.39	534.23	529.25
1022+00		1022+50		1023+00		1023+50		1024+00		1024+50		1025+00		1025+50		1026+00		1026+50		1027+00		1027+50		1028+00																									

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE  
SCALE: SHEET NO. OF SHEETS STA. 1022+00 TO STA. 1028+00

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623	(34)R, DM & (X-1)RS & BR	LASALLE	126	41
CONTRACT NO. 66617				
ILLINOIS FED. AID PROJECT				



# Other Specialty Sheets and Details

Include the following sheets and details when needed

**Removal Sheets**

**Right-of-way sheets**  
Obtain these from the District Bureau of Land Acquisition  
Check that shown correctly on other plan sheets and cross sections

**Intersection details**  
Include pavement elevations,  
lane widths,  
curb or edge of pavement radii,  
curb ramps,  
turning radii for left-turning vehicles,  
location of median noses and islands,  
location of traffic signal equipment,  
location of loop detectors,  
location of traffic signs,  
pavement markings, and  
construction joint layout

**Pavement marking details**  
District uses 6" centerline skip dashes  
District uses the large size arrows in urban and rural, note on plans  
Check for appropriate lane widths  
Show layout information  
Show raised reflective pavement markers

**Landscaping details**  
If plans are simple, consider combining with pavement marking detail sheets

**Traffic signal details**  
Verify pole locations are not in ditch flow lines  
Check for conflicts at proposed pole locations  
Check clear zone requirements  
Check to see if borings are necessary  
Check placement of loop detectors in relation to stop bar locations  
Check for electrical supply  
Show loading diagrams

**Lighting details**  
Lighting at interstate interchanges  
Check to see if borings are necessary  
Check for electrical supply  
Show loading diagrams

**Structure sheets**  
Include boring logs on CADD generated sheets and  
check to see that borings are complete and adequate  
verify rock elevation does not require separate item for rock excavation

**Check approach details**  
Check for bridge painting, coordinate with District  
Check for piling or footing conflicts, such as from old structures  
Include shoulder repair quantities for shifting traffic  
Contact District to see if any utilities are attached to structure  
Include existing structure plan sheets for information only (supplied by district)  
or if project has been selected to follow the SAR procedures, coordinate with district for inclusion of structure information and general notes required. See GBSP 67 and ABD 09.1 for information.

**Wetland details**

**Culvert details**

Refer to the following locations in the BDE Manual for guidance

63-4.11 Right-of-Way Plan Sheets

63-4.12 Intersection Details

63-4.13 Pavement Marking Details

63-4.14 Special Plans

63-4.14(a) Landscaping Details

63-4.14(b) Traffic Signal Plans

63-4.14(c) Lighting Plans

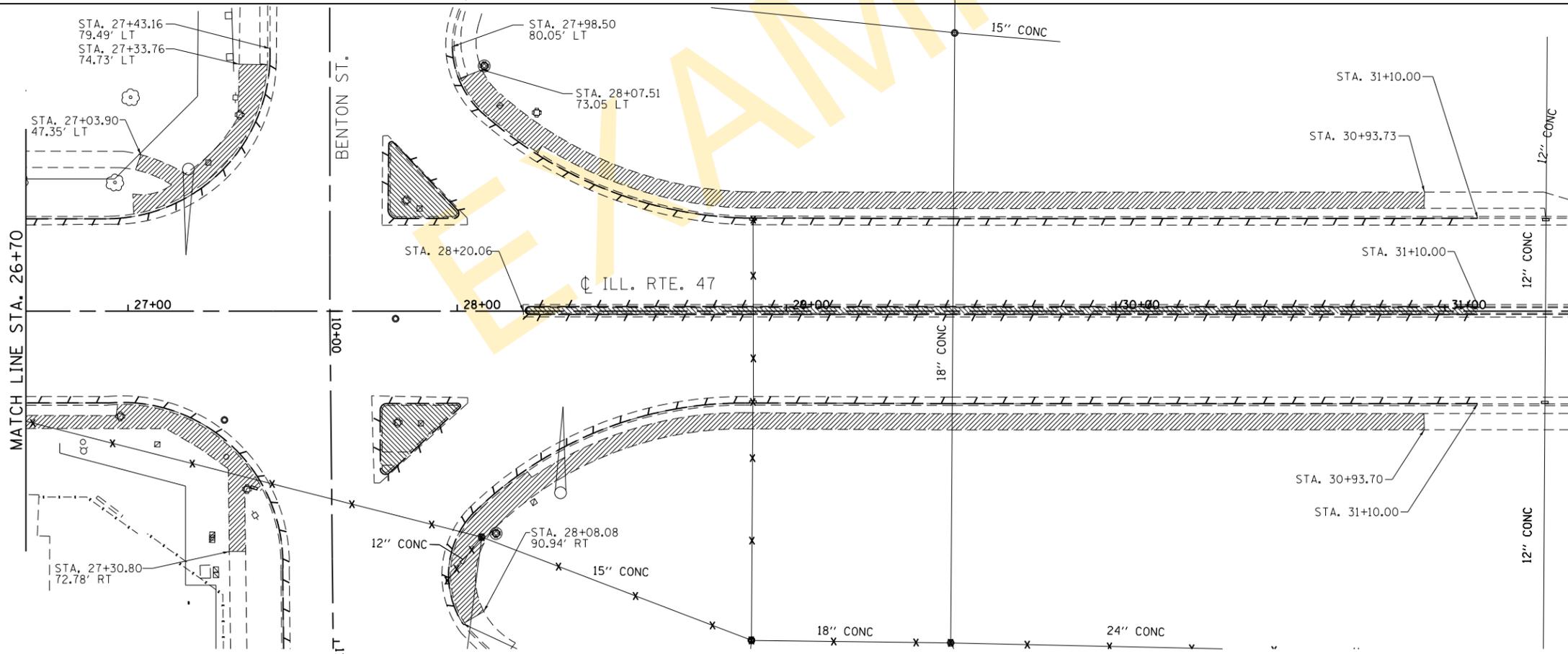
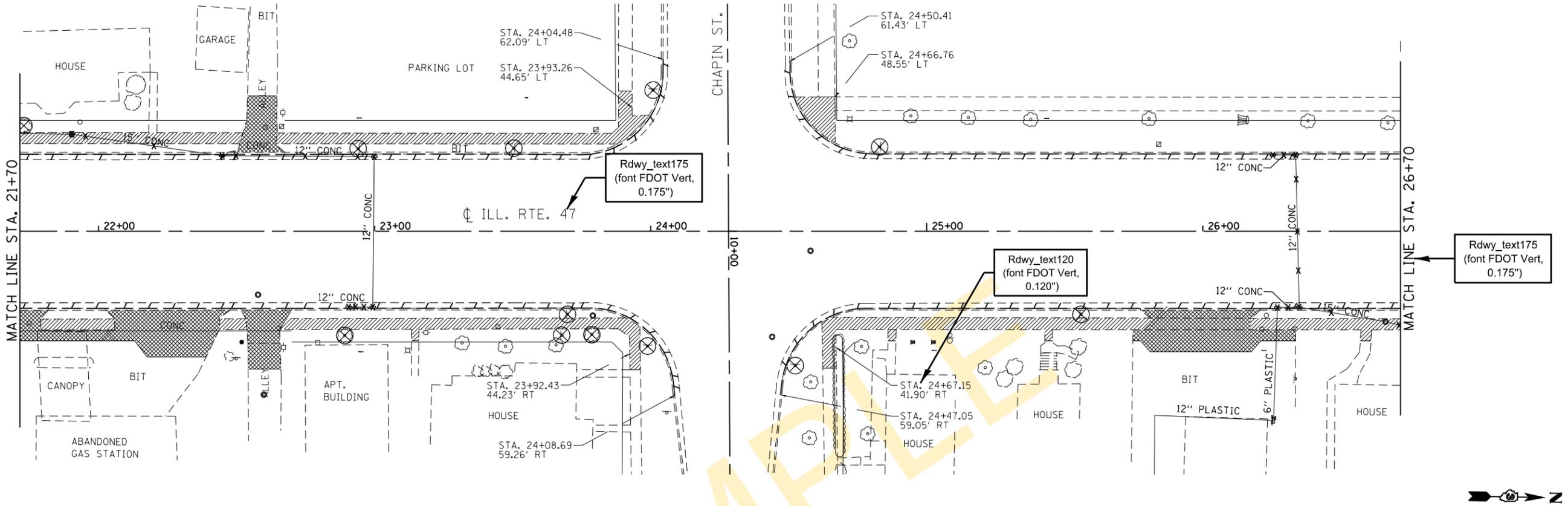
63-4.14(d) Structure Plans

63-4.14(e) Wetland Plans

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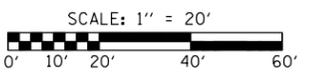
Information is same as cover sheet

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PLOT SCALE = 4.0000' / IN. PLOT DATE = May 20, 2008 - 02:03:47 PM								CONTRACT NO. -----		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			



**REMOVAL LEGEND**

- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- MEDIAN AND ISLAND REMOVAL
- COMB. CONC. CURB & GUTTER REMOVAL
- SIGN REMOVAL
- TREE REMOVAL
- HEDGE REMOVAL
- STORM SEWER REMOVAL
- INLET REMOVAL
- MANHOLE REMOVAL



FILE NAME =	USER NAME = rhond_fbashbu	DESIGNED -	REVISED -
C:\Users\rhond_fbashbu\Documents\IDOT E	Example Plans\example plans from EnvironCAD	DRAWN -	REVISED -
	PLOT SCALE = 40:0.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL PLANS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. 21+70 TO STA. 31+10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-2I	GRUNDY	85	17
CONTRACT NO. 66720				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**PARCEL 3R10001**

**JAMES L. SPELICH, et ux.**

TOTAL HOLDING = 11,016 SQ. FT.±  
TOTAL R.O.W. REQUIRED = 64 SQ. FT.±  
REMAINDER = 10,952 SQ. FT.±

**CURVE DATA**  
P.I = 1021+62.08  
DEL. = 6° 44' 20"  
D = 5° 56' 28"  
R = 964.40  
T = 56.78'  
L = 113.43'  
E = 1.67'  
P.C. = 1021+05.30  
P.T. = 1022+18.73

**PARCEL 3R10002**

**CARUS CORPORATION**

TOTAL HOLDING = 11,917 SQ. FT.±  
TOTAL R.O.W. REQUIRED = 1,654 SQ. FT.±  
REMAINDER = 10,263 SQ. FT.±

**PARCEL 3R10003**

**JANET S. ZIMENT**

TOTAL HOLDING = 874 SQ. FT.±  
TOTAL R.O.W. REQUIRED = 146 SQ. FT.±  
REMAINDER = 728 SQ. FT.±  
QUIT CLAIM AREA = 304 SQ. FT.±

Rdwy\_text100 (font FDOT Vert, 0.100")  
Smaller text style was used due to scale and volume of information.

Rdwy\_title240 (font Franklin Gothic Medium Condensed, 0.240")

Rdwy\_title200 (font Franklin Gothic Medium Condensed, 0.200")

Rdwy\_text120 (font FDOT Vert, 0.120")

**PARCEL 3R10004**

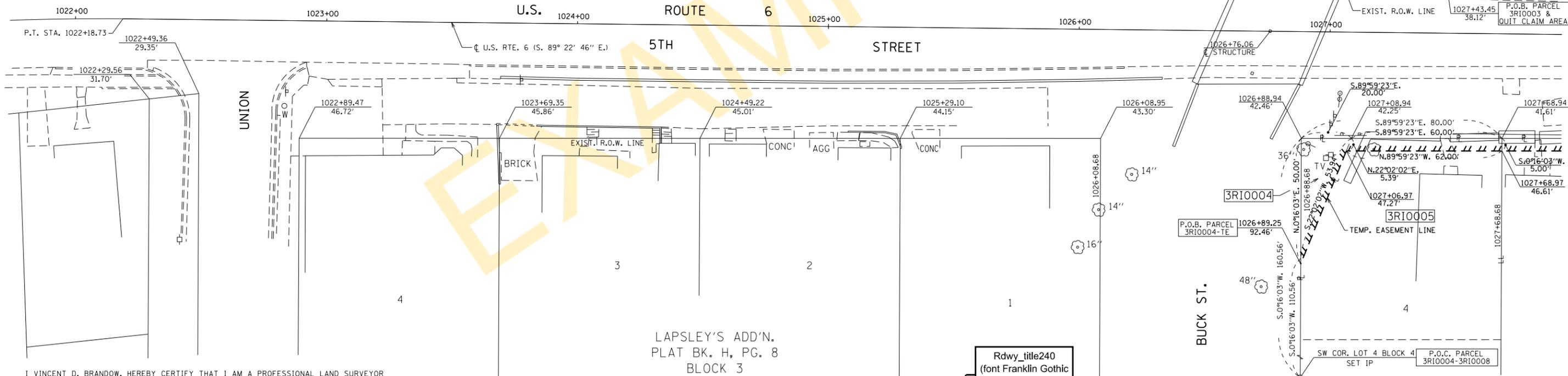
**CARUS CORPORATION**

TOTAL HOLDING = 500 SQ. FT.±  
TEMPORARY EASEMENT = 500 SQ. FT.±  
PURPOSE: TEMPORARY SERVICE DRIVE

**PARCEL 3R10005**

**JOSEPH RAYMOND VASQUEZ**

TOTAL HOLDING = 5,900 SQ. FT.±  
TEMPORARY EASEMENT = 305 SQ. FT.±  
PURPOSE: TEMPORARY SERVICE DRIVE



I VINCENT D. BRANDOW, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 623 (U.S. ROUTE 6) WAS MADE BY RENWICK & ASSOCIATES, INC. UNDER MY DIRECTION, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATE: 7-15-05

SURVEY BOOK NO. \_\_\_\_\_

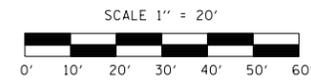
SIGNATURE

ILLINOIS PROFESSIONAL LAND SURVEYOR  
NO. 2655

11-30-06

EXPIRATION DATE

SEAL



NOTE: ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (N.A.D. 83)

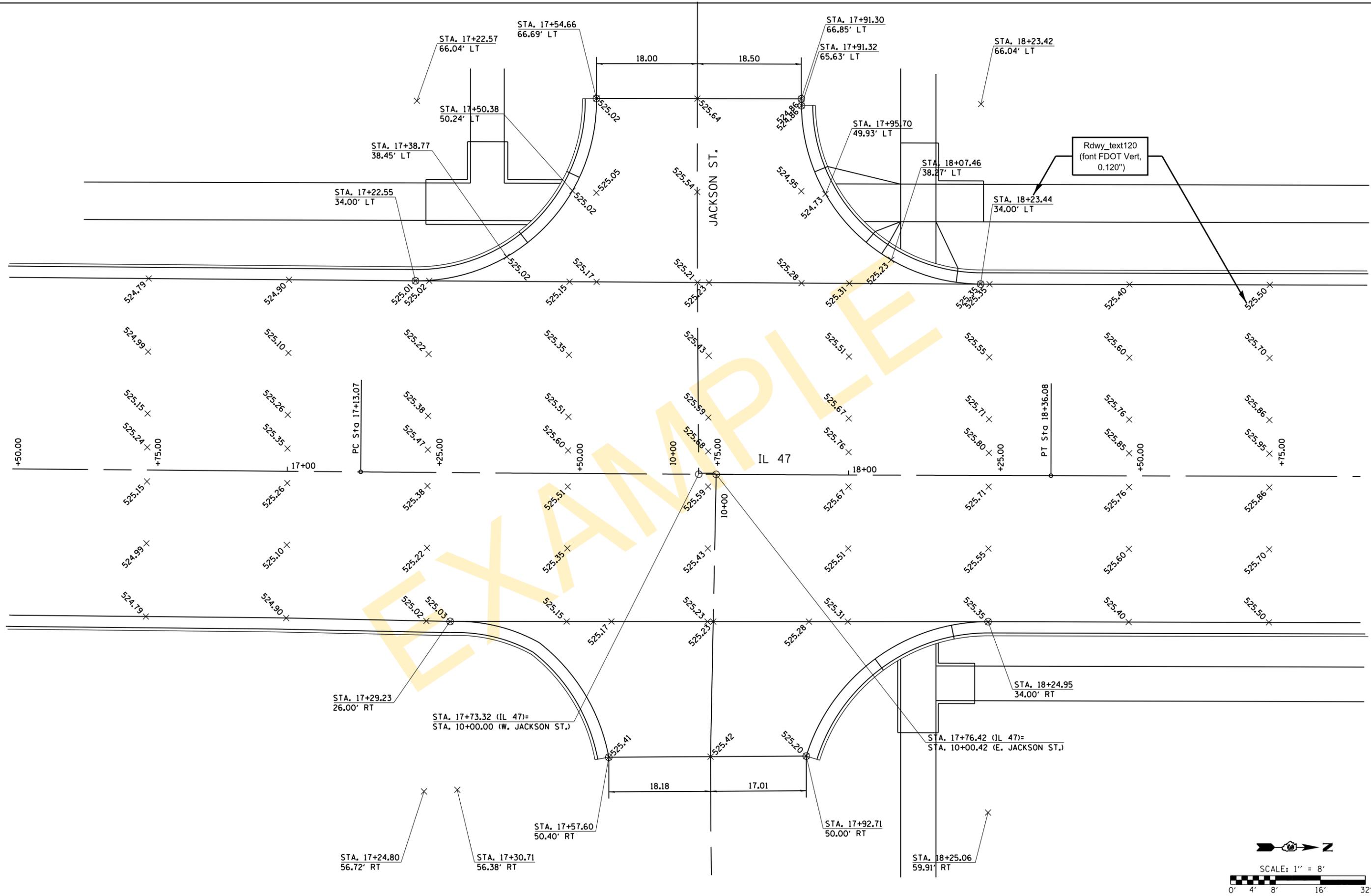
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PLOT DATE = 3/9/2017		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

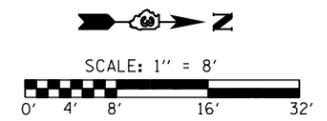
**RIGHT OF WAY PLANS**

PROJECT	JOB NO. R-93-024-01
SCALE: 1" = 20'	SHEET NO. 1 OF 2 SHEETS
STA. 1022+00 TO STA. 1027+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623 (34)R, DM & (X-1)RS & BR		LASALLE	126	48
CONTRACT NO. 66617			ILLINOIS FED. AID PROJECT	



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0.120")



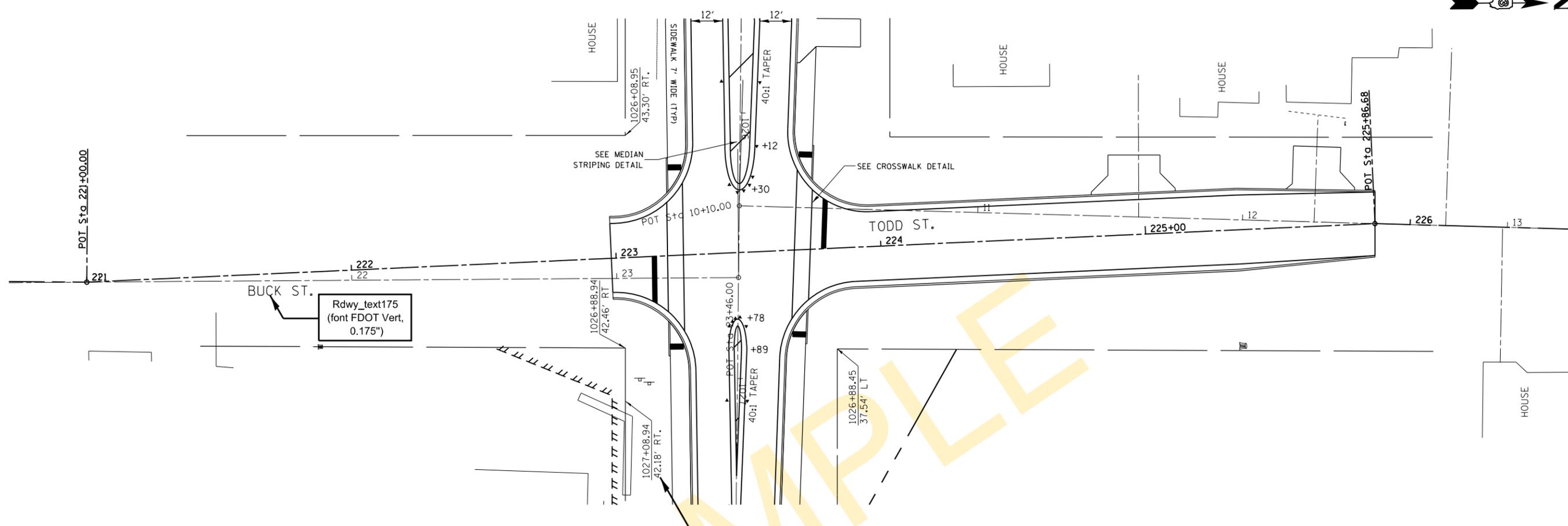
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C:\Users\rhond_fbash8u\Documents\IDOT E	Example Plans\example plans from EnvisionCAD	DRAWN -	REVISED -
	PLOT SCALE = 40:0.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2017	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

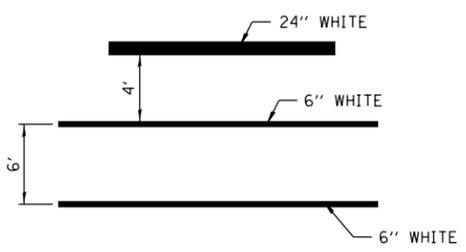
**INTERSECTION DETAILS  
IL. ROUTE 47 / JACSON ST.**

SCALE: 1" = 8'    SHEET NO.    OF    SHEETS    STA.    TO    STA.

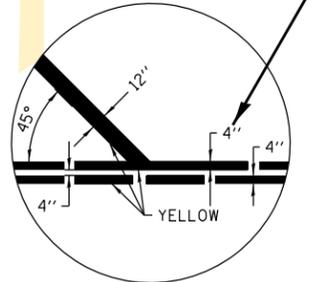
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-2I	GRUNDY	85	32
CONTRACT NO. 66720				
ILLINOIS FED. AID PROJECT				



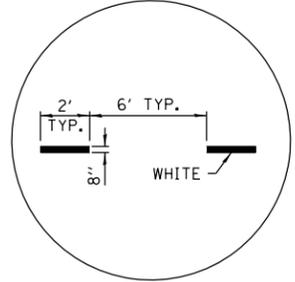
**TYPICAL APPLICATION  
LEFT TURN LANES**



**DETAIL FOR CROSSWALKS  
AND STOP BARS**



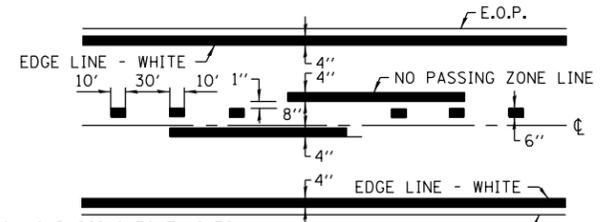
**DETAIL A  
MEDIAN STRIPING**



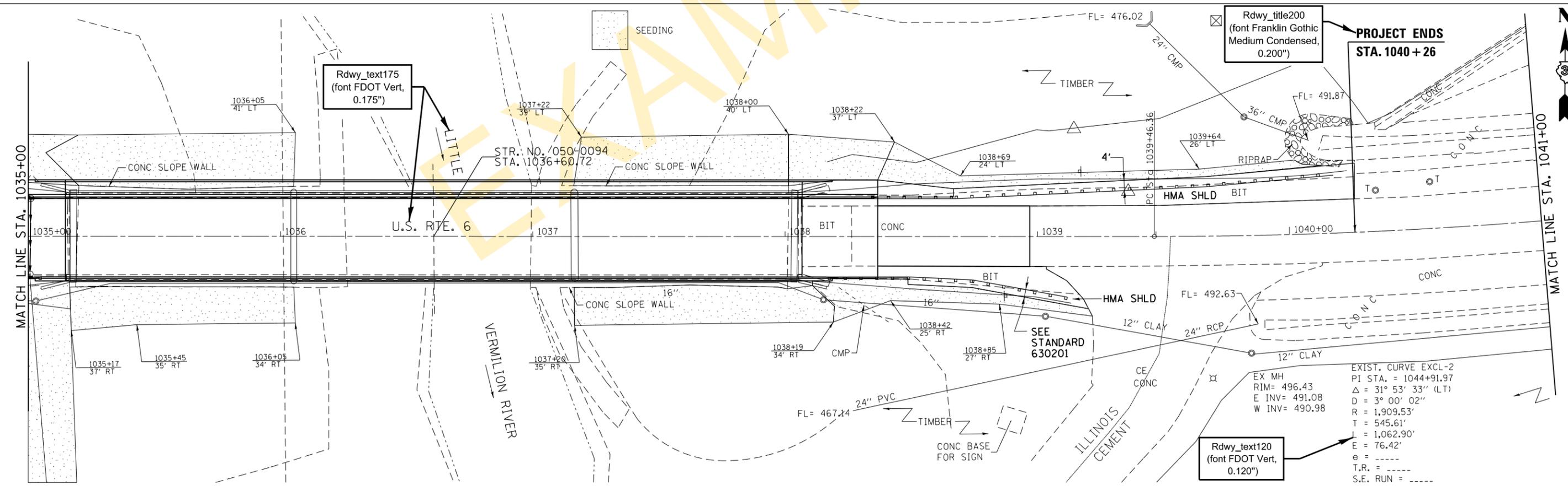
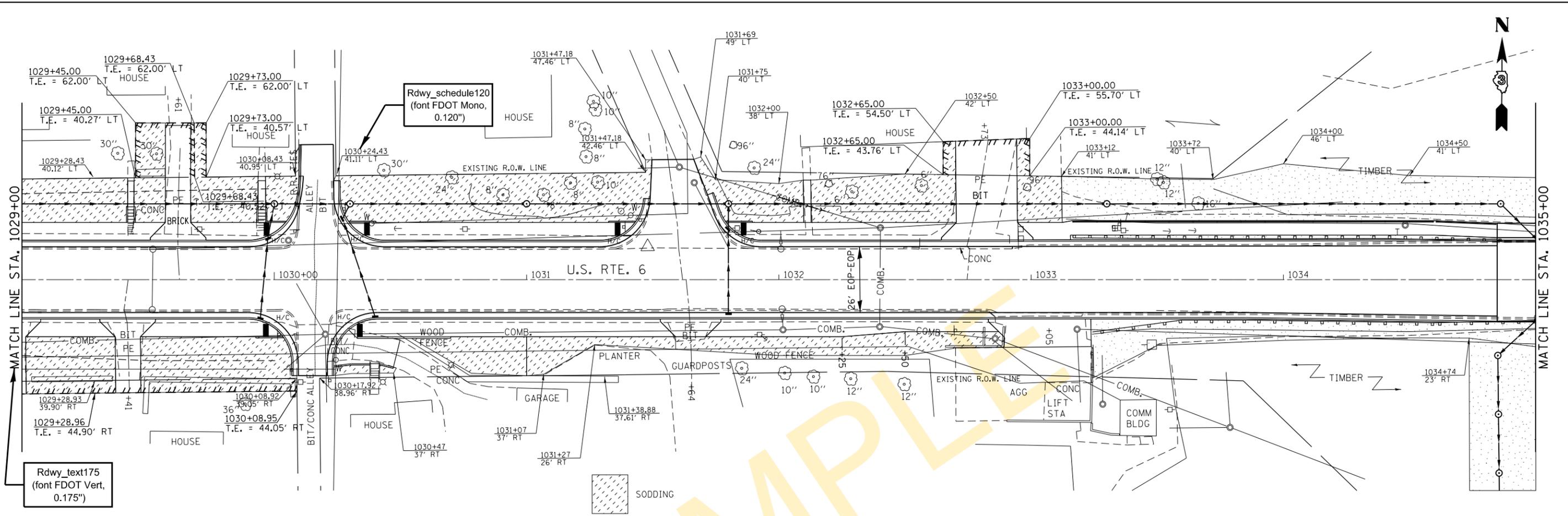
**DETAIL B  
LEFT TURN LANE STRIPING**

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0.120")

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(font Franklin Gothic  
Medium Condensed,  
0.240")



FILE NAME =	USER NAME = rhond_fbosh8u	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING TODD &amp; BUCK STREETS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\rhond_fbosh8u\Documents\IDOT Example Plans\example plans from EnvisionCAD.dwg	DRAWN -	REVISED -	623			(34)R, DM & (X-1)RS & BR	LASALLE	126	52	
PLOT SCALE = 40:0.0000 ' / 1" =	CHECKED -	REVISED -	CONTRACT NO. 66617							
PLOT DATE = 3/9/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.			



FILE NAME =	USER NAME = rhond_fbash8u	DESIGNED -	REVISED -
C:\Users\rhond_fbash8u\Documents\IDOT E	Example Plans\example plans from EnvisionCAD	DRAWN -	REVISED -
PLOT SCALE = 40:0.0000' / 1\"/>			

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LANDSCAPING</b>	
SCALE:	STA. 1029+00 TO STA. 1041+00

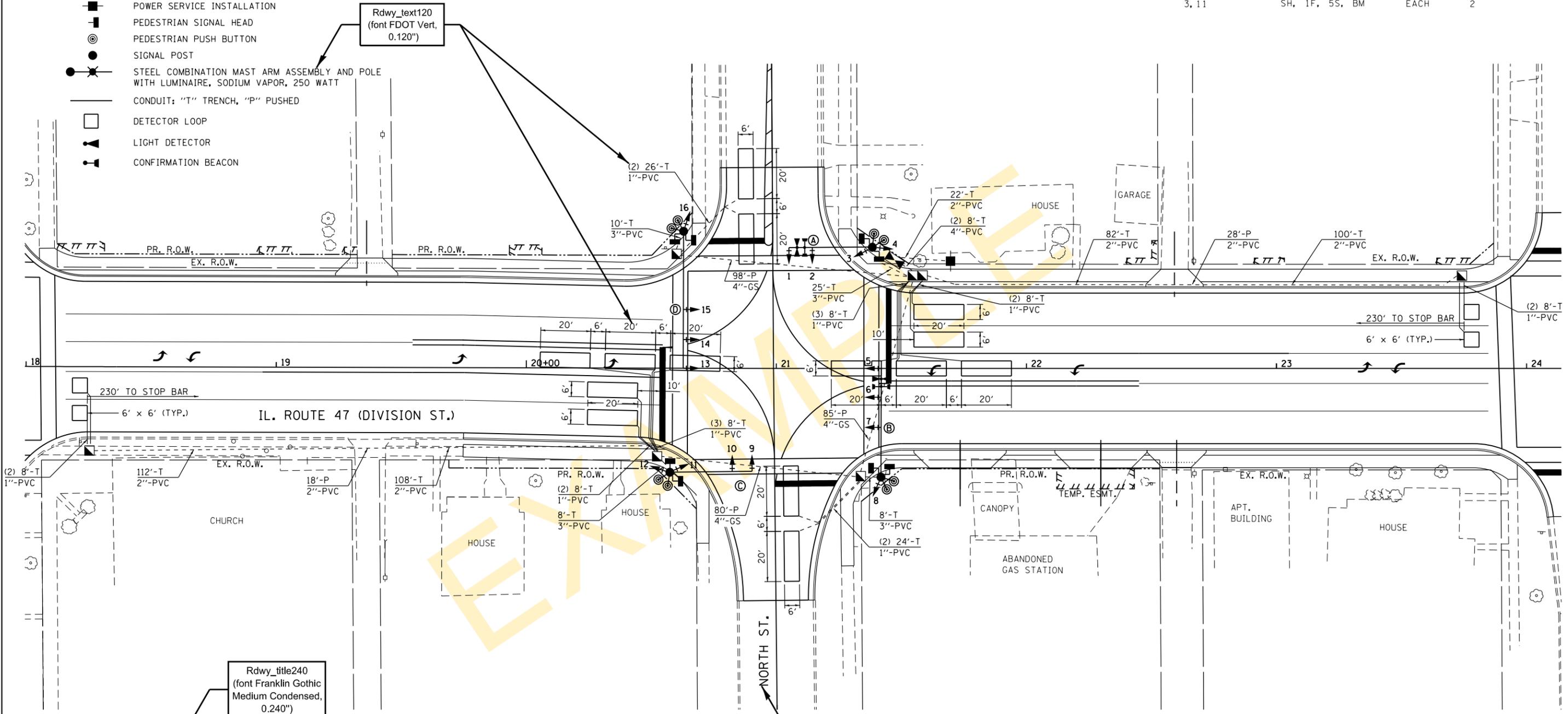
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623	(34)R, DM & (X-1)RS & BR	LASALLE	126	54
CONTRACT NO. 66617				
ILLINOIS FED. AID PROJECT				

**TRAFFIC SIGNAL LEGEND**

-  HANDHOLE
-  DOUBLE HANDHOLE
-  CONTROLLER AND CABINET
-  SIGNAL HEAD WITH BACKPLATE
-  POWER SERVICE INSTALLATION
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  SIGNAL POST
-  STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE, SODIUM VAPOR, 250 WATT
-  CONDUIT: "T" TRENCH, "P" PUSHED
-  DETECTOR LOOP
-  LIGHT DETECTOR
-  CONFIRMATION BEACON

**SCHEDULE OF SIGNAL HEAD QUANTITIES**

LOCATION	ITEM	UNIT	QUANTITY
1, 2, 6, 7, 9, 10, 14, 15	SH, 1F, 3S, MAM	EACH	8
4, 8, 12, 16	SH, 1F, 3S, BM	EACH	4
5, 13	SH, 1F, 5S, MAM	EACH	2
3, 11	SH, 1F, 5S, BM	EACH	2



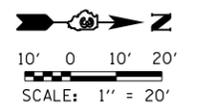
**SCHEDULE OF POLE/MAST ARM ASSEMBLIES**

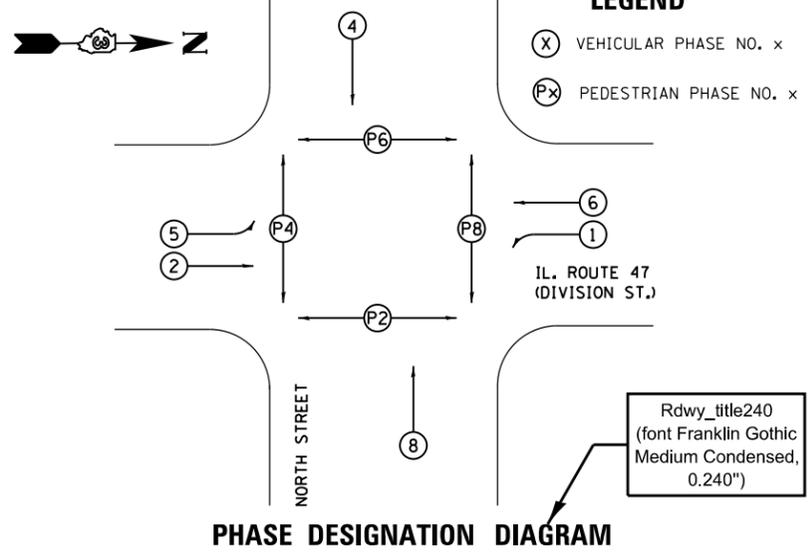
LOCATION	LENGTH
A	34' S. M. A. A. & POLE
B	44' S. COMB. M. A. A. & POLE
C	32' S. M. A. A. & POLE
D	55' S. COMB. M. A. A. & POLE

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0.240")

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(font FDOT Vert,  
0.120")

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(font FDOT Vert,  
0.175")





**LEGEND**  
 (X) VEHICULAR PHASE NO. x  
 (Px) PEDESTRIAN PHASE NO. x

Rdwy\_title240  
 (font Franklin Gothic Medium Condensed, 0.240")

**PHASE DESIGNATION DIAGRAM**

**SCHEDULE OF QUANTITIES**

DESCRIPTION	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE B	EACH	1
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
LUMINAIRE, SODIUM VAPOR, HOR. MOUNT, 250 WATT	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
MASTER CONTROLLER	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	24
INDUCTIVE LOOP DETECTOR	EACH	10
DETECTOR LOOP, TYPE 1	FT.	1148
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	3
REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
SIGN PANEL - TYPE 1	SQ. FT.	16
SIGN PANEL - TYPE 2	SQ. FT.	42.5
CONDUIT IN TRENCH 1 IN. DIA., PVC	FT.	96
CONDUIT IN TRENCH 2 IN. DIA., PVC	FT.	418
CONDUIT IN TRENCH 3 IN. DIA., PVC	FT.	51
CONDUIT IN TRENCH 4 IN. DIA., PVC	FT.	16
CONDUIT PUSHED, 2 IN. DIA., PVC	FT.	46
CONDUIT PUSHED, 4 IN. DIA., GALVANIZED STEEL	FT.	263
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FT.	565
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FT.	980
ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 6 GROUND	FT.	112
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C	FT.	1062
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	FT.	1078
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FT.	2287
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C	FT.	704
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FT.	35
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1-PAIR	FT.	1572
STEEL MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1
CONCRETE FOUNDATION, TYPE C	FT.	3.5
CONCRETE FOUNDATION, TYPE E 30 IN. DIAMETER	FT.	50
LIGHTING CONTROLLER, SPECIAL	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	8
UNINTERRUPTABLE POWER SUPPLY	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20, 3/C, TWISTED, SHIELDED	FOOT	1108

**PROPOSED CABLE DIAGRAM LEGEND**

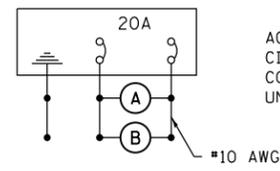
- CONTROLLER AND CABINET
- SERVICE INSTALLATION
- TRAFFIC SIGNAL HEAD WITH BACKPLATE
- DENOTES NUMBER OF CONDUCTORS
- LUMINAIRE, SODIUM VAPOR, 250 WATT
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH BUTTON
- DETECTOR LOOP
- GROUND ROD AT HANDHOLE OR DOUBLE HANDHOLE
- GROUND ROD AT MAST ARM POLE
- GROUND ROD AT ELECTRIC SERVICE INSTALLATION

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NOTE:  
 THE LIGHT DETECTORS AND LIGHT DETECTOR AMPLIFIERS FURNISHED FOR THIS PROJECT SHALL BE TOMAR.

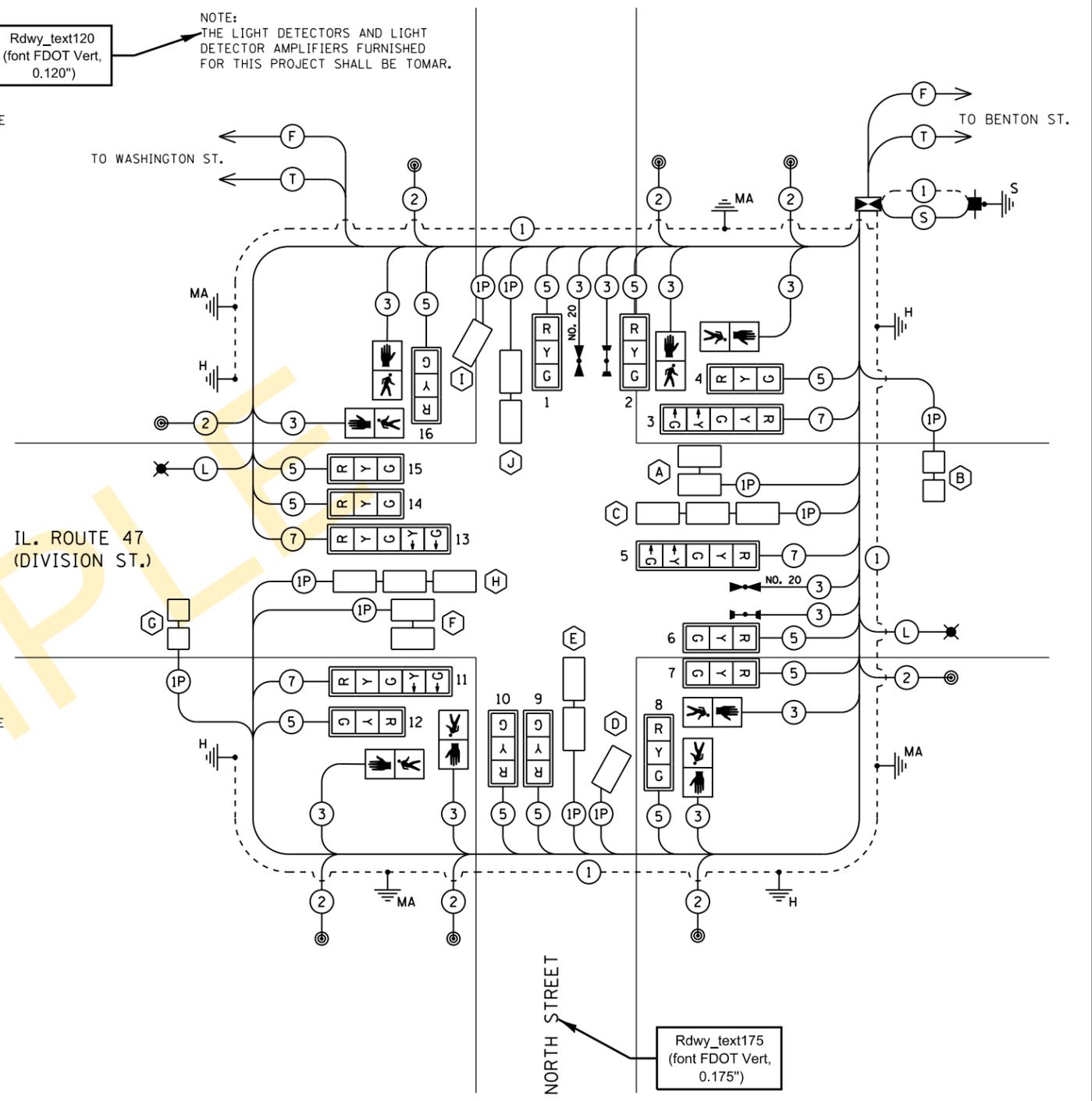
- INTERCONNECTION CABLE**
- (F) FIBER OPTIC CABLE 12 FIBER MULTIMODE AND 12 FIBER SINGLE MODE
- (T) TRACER CABLE NO. 14 1C
- (S) **SERVICE CABLE**  
ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C
- (L) **LIGHTING CABLE**  
600V (XLP-TYPE USE) 3 - 1/C NO.10

Rdwy\_schedule120  
 (font FDOT Mono, 0.120")



**LIGHTING CIRCUIT DIAGRAM**

IL. ROUTE 47 (DIVISION ST.)



**CABLE DIAGRAM**  
 CONTROLLER SPECIFIED: EAGLE EPAC

AGENCY RESPONSIBLE FOR ENERGY CHARGES:  
 CITY OF MORRIS  
 CONTRACTOR PAYS ALL ENERGY CHARGES UNTIL PROJECT IS ACCEPTED

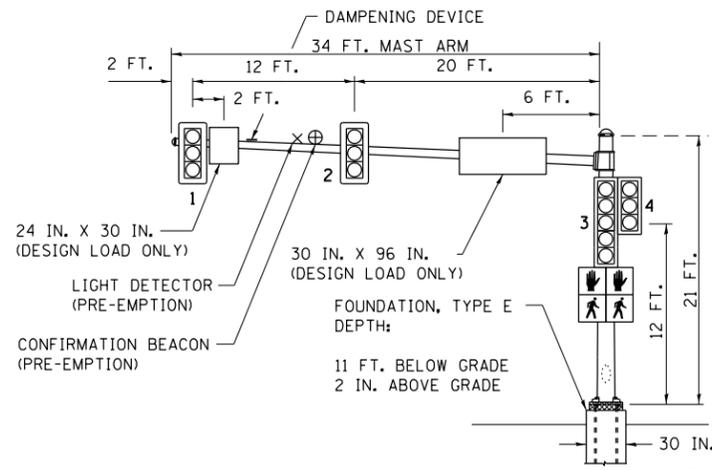
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	PLOT SCALE = 40:0.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/9/2017	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

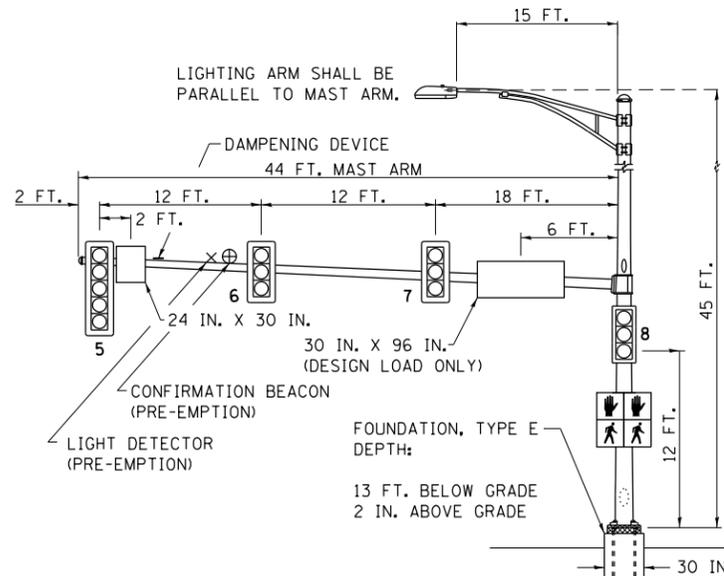
**PHASE DIAGRAM, CABLE DIAGRAM & SCHEDULE OF QUANTITIES**  
**IL. 47 (DIVISION ST.) / NORTH ST.**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111CS) W&RS-2I	GRUNDY	85	43
CONTRACT NO. 66720				
ILLINOIS FED. AID PROJECT				

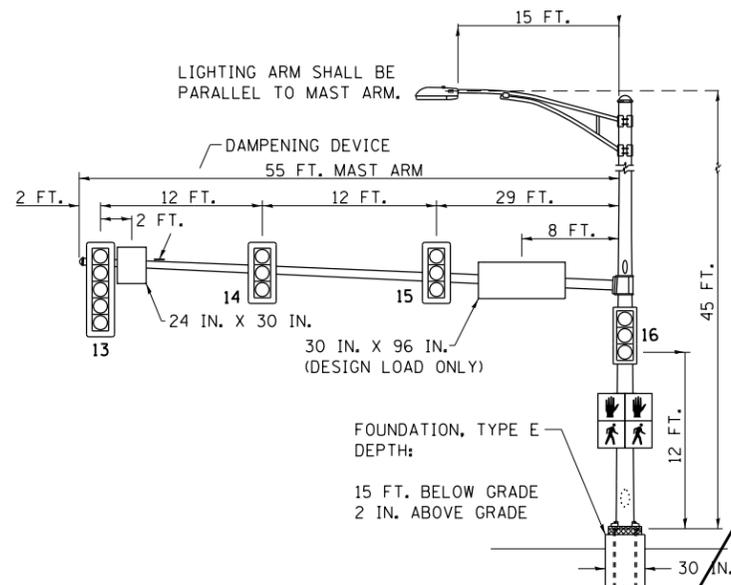
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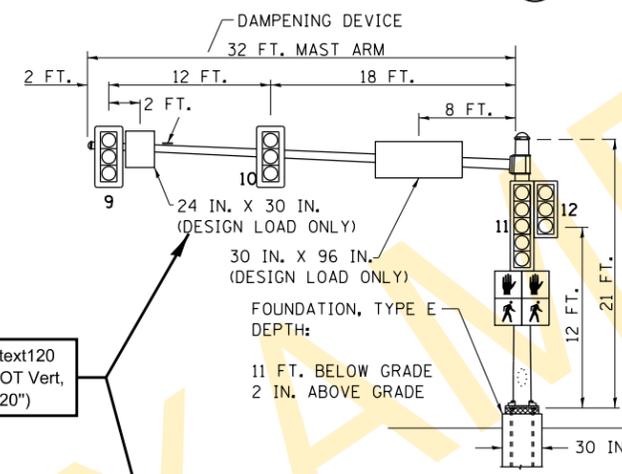
**MAST ARM NORTHWEST QUADRANT (A)**



**MAST ARM NORTHEAST QUADRANT (B)**



**MAST ARM SOUTHWEST QUADRANT (D)**



**MAST ARM SOUTHEAST QUADRANT (C)**

**ELECTRICAL LOAD CHART**

IL ROUTE 47

INDICATION	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	10	12	60
YELLOW	10	32	5
GREEN	10	12	35
YELLOW ARROW	4	12	5
GREEN ARROW	4	11	10
↑	4	7	5
↓	4	7	95

NORTH STREET

INDICATION	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	10	12	70
YELLOW	10	32	5
GREEN	10	12	25
↑	4	7	5
↓	4	7	95

TRAFFIC SIGNAL CABINET

ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	2	6	100
INDUCTIVE LOOP DETECTOR	10	1.5	100
UNINTERRUPTIBLE POWER SUPPLY	1	50	100
LIGHT DETECTOR AMPLIFIER	1	1.5	100

HIGHWAY LIGHTING

ITEM	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100
LUMINAIRE	2	250	45

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(font Franklin Gothic Medium Condensed, 0.240")

**DETECTOR LOOP INDUCTANCE CHART**

DETECTOR LOOP SYSTEM	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	4	282	36344	OFF
B	5	268	30205	ON
C	4	382	31227	ON
D	4	680	29570	OFF
E	4	404	30365	ON
F	4	326	33802	OFF
G	5	290	35833	ON
H	4	470	28152	ON
I	4	884	38295	OFF
J	4	382	31227	ON

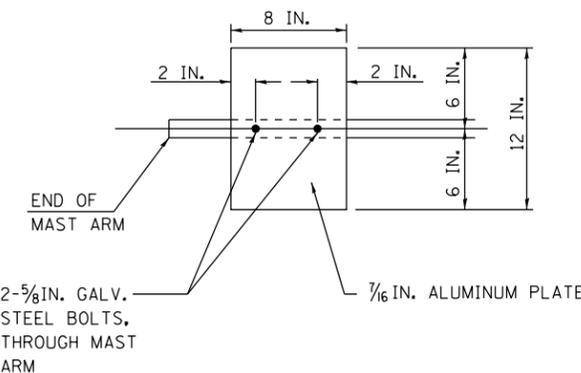
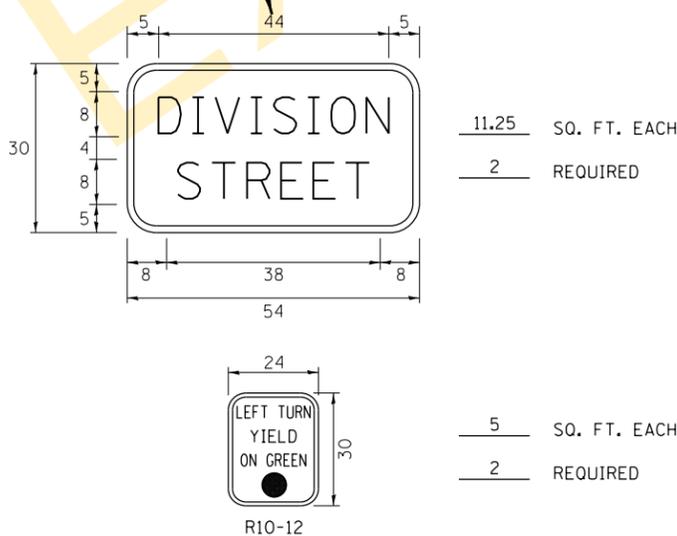
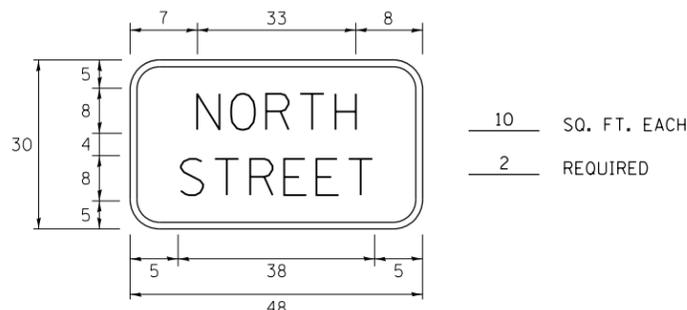
Rdwy\_schedule120  
(font FDOT Mono, 0.120")

NOTES:  
WORD "GRADE" IS TO BE INTERPRETED AS TOP OF CURB. TOP OF FOUNDATION SHALL NOT BE EXPOSED MORE THAN 4 IN. ABOVE THE SURROUNDING GROUND.

**STREET SIGN DETAIL**

THESE STREET NAME SIGNS SHALL BE PLACED ON THE MAST ARMS PARALLEL TO THE RESPECTIVE ROUTE AS DIRECTED BY THE ENGINEER.

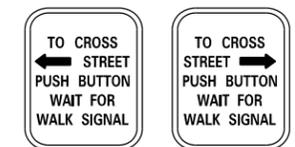
- STREET NAME SIGNS:  
1. TYPE A SHEETING REQUIRED  
2. WHITE/GREEN BACKGROUND  
3. STYLE (d) - 3/8 IN. BORDER  
4. 8 IN. SERIES D LETTERS  
5. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN



**DAMPENING PLATE DETAIL**

(TOP VIEW) INCIDENTAL TO MAST ARM QUANTITY

**PEDESTRIAN CROSSING SIGN DETAIL**



R10-4a LEFT OR RIGHT

8 REQUIRED

DIMENSIONS: 9 IN. x 12 IN. (TYP.)  
LEGEND AND BORDER: NON-REFLECTORIZED BLACK  
BACKGROUND: NON-REFLECTORIZED WHITE

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION.

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD.

MATERIALS AND INSTALLATION OF THIS SIGN SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON.

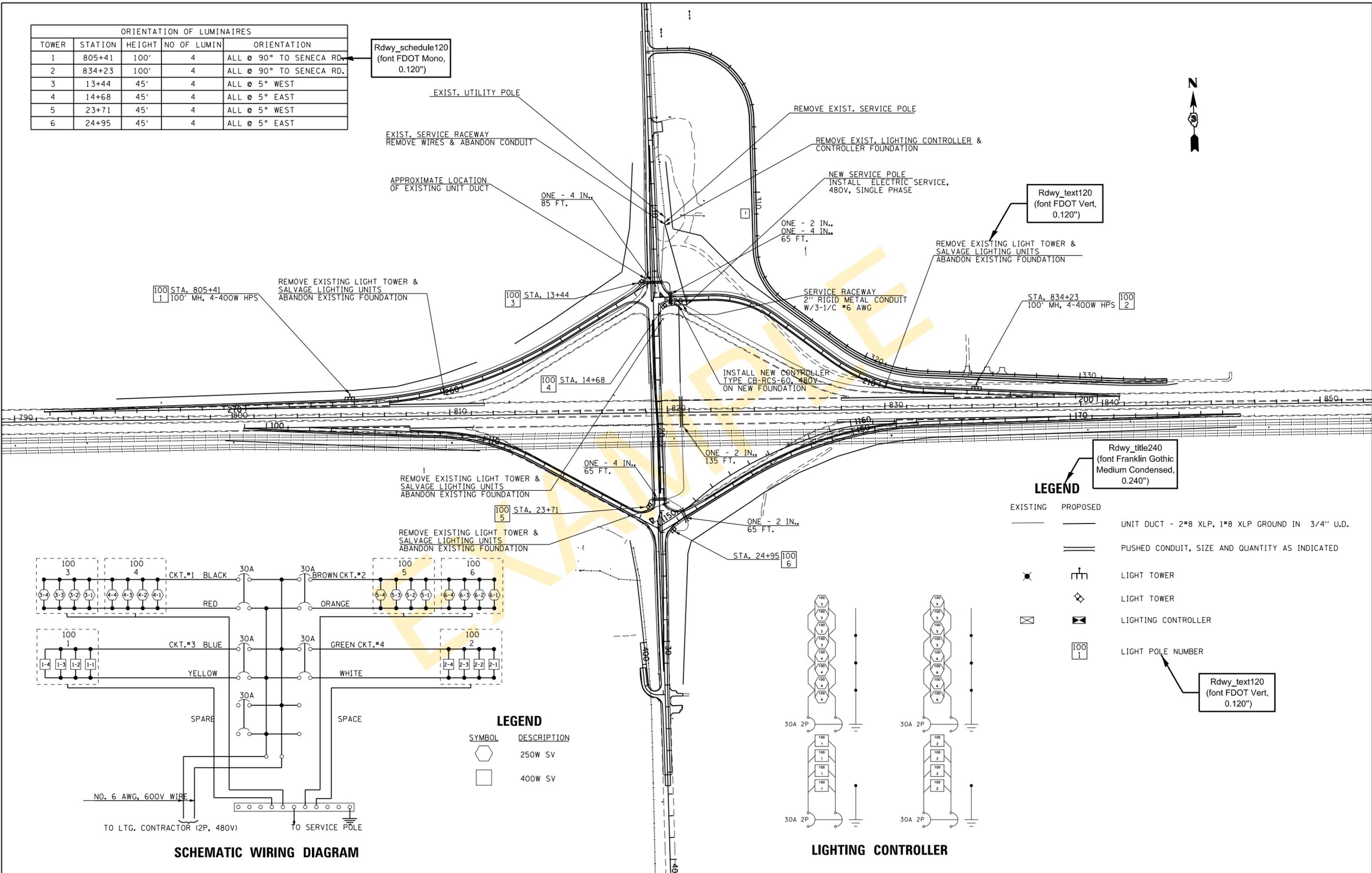
ORIENTATION OF LUMINAIRES				
TOWER	STATION	HEIGHT	NO OF LUMIN	ORIENTATION
1	805+41	100'	4	ALL @ 90° TO SENECA RD.
2	834+23	100'	4	ALL @ 90° TO SENECA RD.
3	13+44	45'	4	ALL @ 5° WEST
4	14+68	45'	4	ALL @ 5° EAST
5	23+71	45'	4	ALL @ 5° WEST
6	24+95	45'	4	ALL @ 5° EAST

Rdwy\_schedule120  
(font FDOT Mono, 0.120")

Rdwy\_text120  
(font FDOT Vert, 0.120")

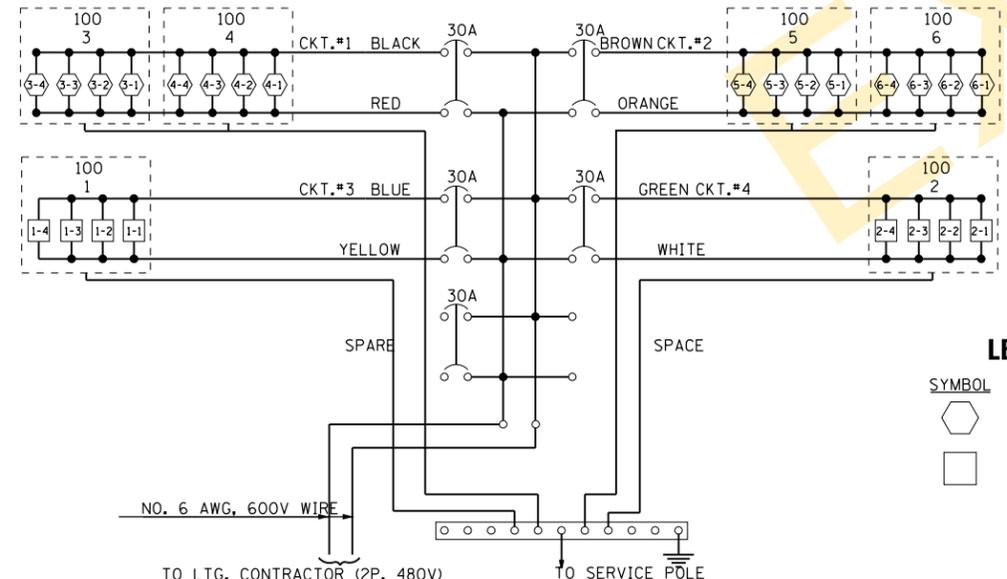
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Rdwy\_text120  
(font FDOT Vert, 0.120")



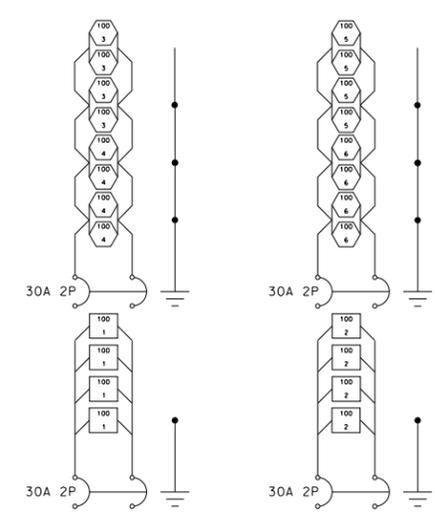
**LEGEND**

EXISTING	PROPOSED	DESCRIPTION
---	---	UNIT DUCT - 2*8 XLP, 1*8 XLP GROUND IN 3/4" U.D.
---	---	PUSHED CONDUIT, SIZE AND QUANTITY AS INDICATED
⊗	⊕	LIGHT TOWER
⊗	⊕	LIGHT TOWER
⊠	⊠	LIGHTING CONTROLLER
100 1	100 1	LIGHT POLE NUMBER



**LEGEND**

SYMBOL	DESCRIPTION
⬡	250W SV
⬢	400W SV



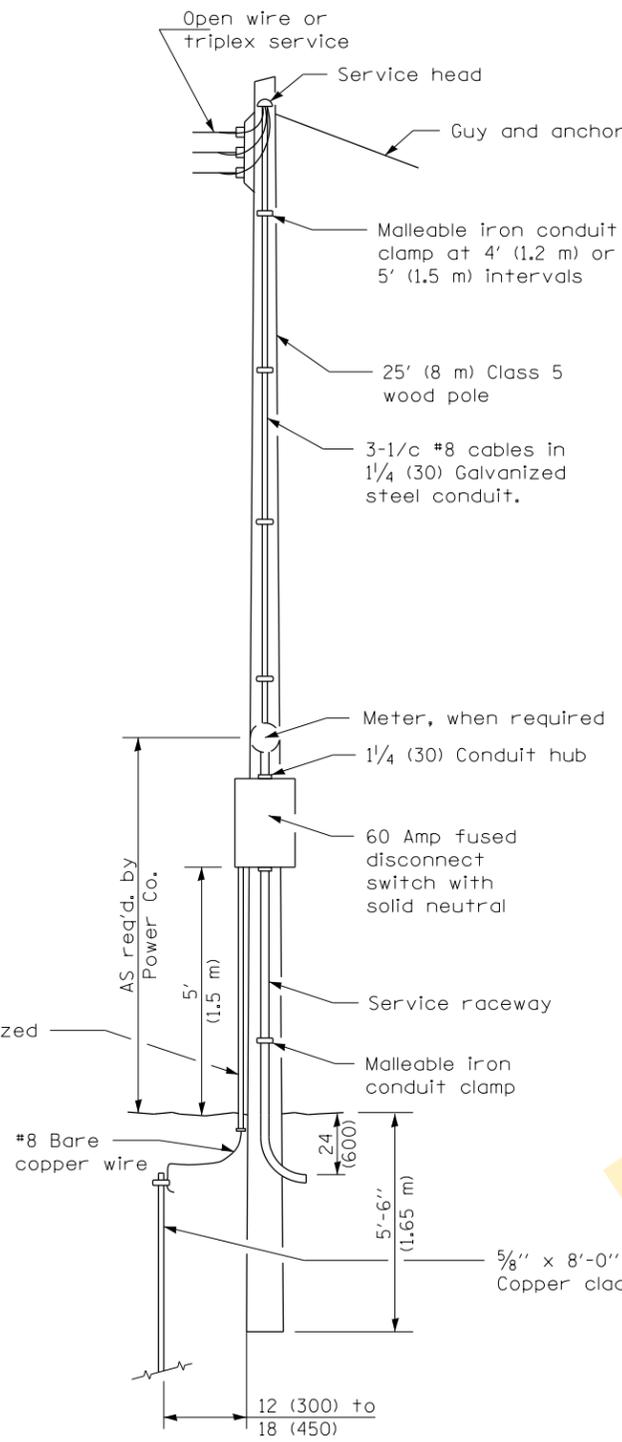
FILE NAME =	USER NAME = rhond_fbash8u	DESIGNED -	REVISED - MJ 01-06-06
C:\Users\rhond_fbash8u\Documents\100T E	Example Plans\example plans from EnvironCAD	DRAWN - NMR	REVISED -
PLOT SCALE = 400:0.0000 '1' / in.	CHECKED - DJL	REVIS	REVISED -
PLOT DATE = 3/9/2017	DATE - 10/14/05	REVIS	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

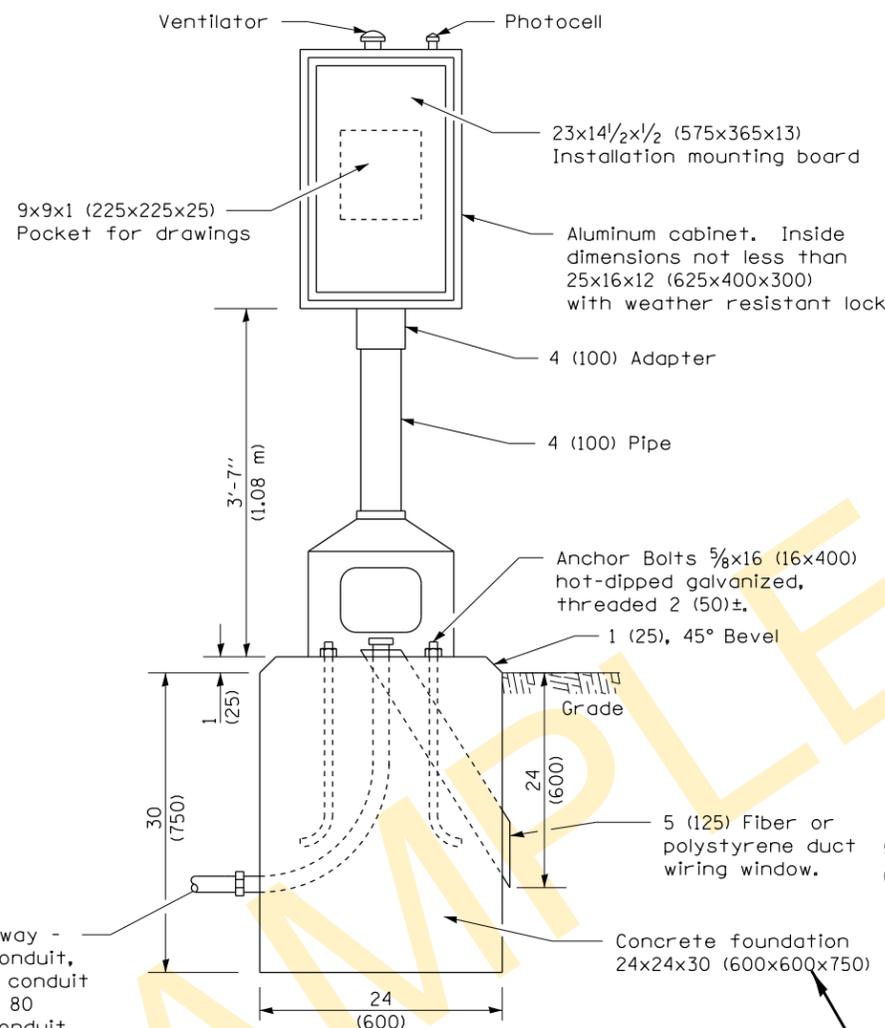
**I-80 AT SENECA ROAD (FAP 623)**  
**LIGHTING PLAN**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

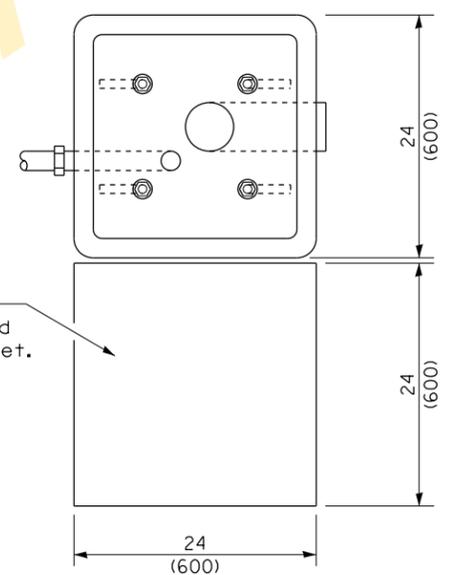
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-2HBR	GRUNDY	171	82
CONTRACT NO. 66412				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**SERVICE POLE**

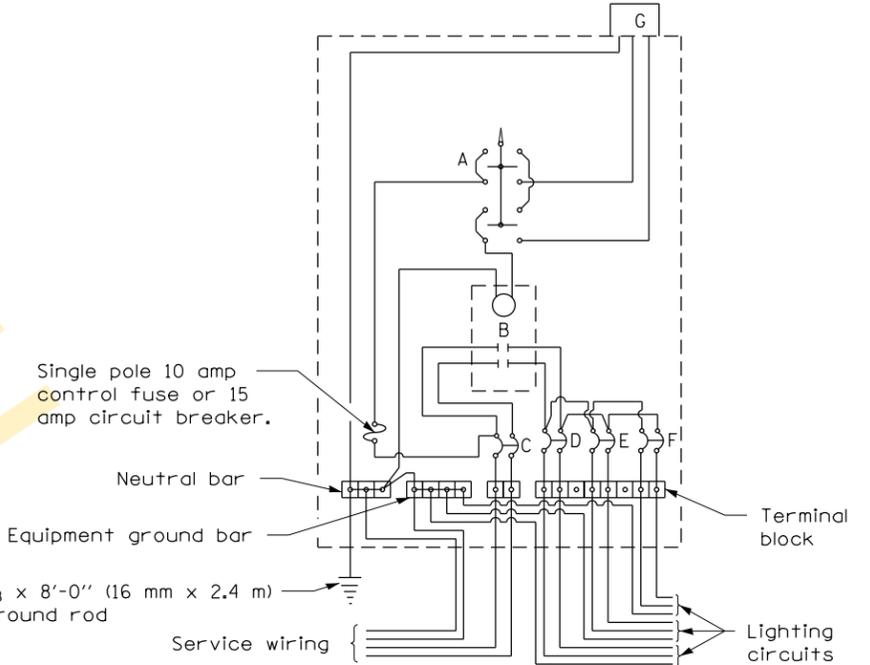


**CONTROL INSTALLATION**  
Front View



**FOUNDATION**  
Top View

- A Selector switch
- B 2 Pole 60 amp contactor
- C 2 Pole 60 amp service disconnect
- D,E,F 2 Pole 30 amp breakers
- G Photocell w/integral surge arrester



**WIRING DIAGRAM**

**GENERAL NOTES**

Locate service pole and control installation adjacent to R.O.W. line with a minimum distance of 30' (9 m) from the edge of pavement. Exact location shall be established by the Engineer.

The underground service entrance wiring shall not exceed 150' (46 m). Total aerial and underground service between the control installation and primary transformer shall not exceed 250' (76 m).

For 480 V. systems, a 480/120 V. control transformer will be required.

Where soil conditions permit, and where approved by the Engineer, a 6" dia. x 5'-0" (150 mm dia. x 1.5 m) long metal screw in foundation may be used in lieu of a concrete foundation.

Rdwy\_text140  
(font FDOT Vert, 0.140")

LOWER CASE TEXT USED ON DISTRICT STANDARD OR HIGHWAY STANDARD ONLY

- 240 V. SERVICE
- 480 V. SERVICE

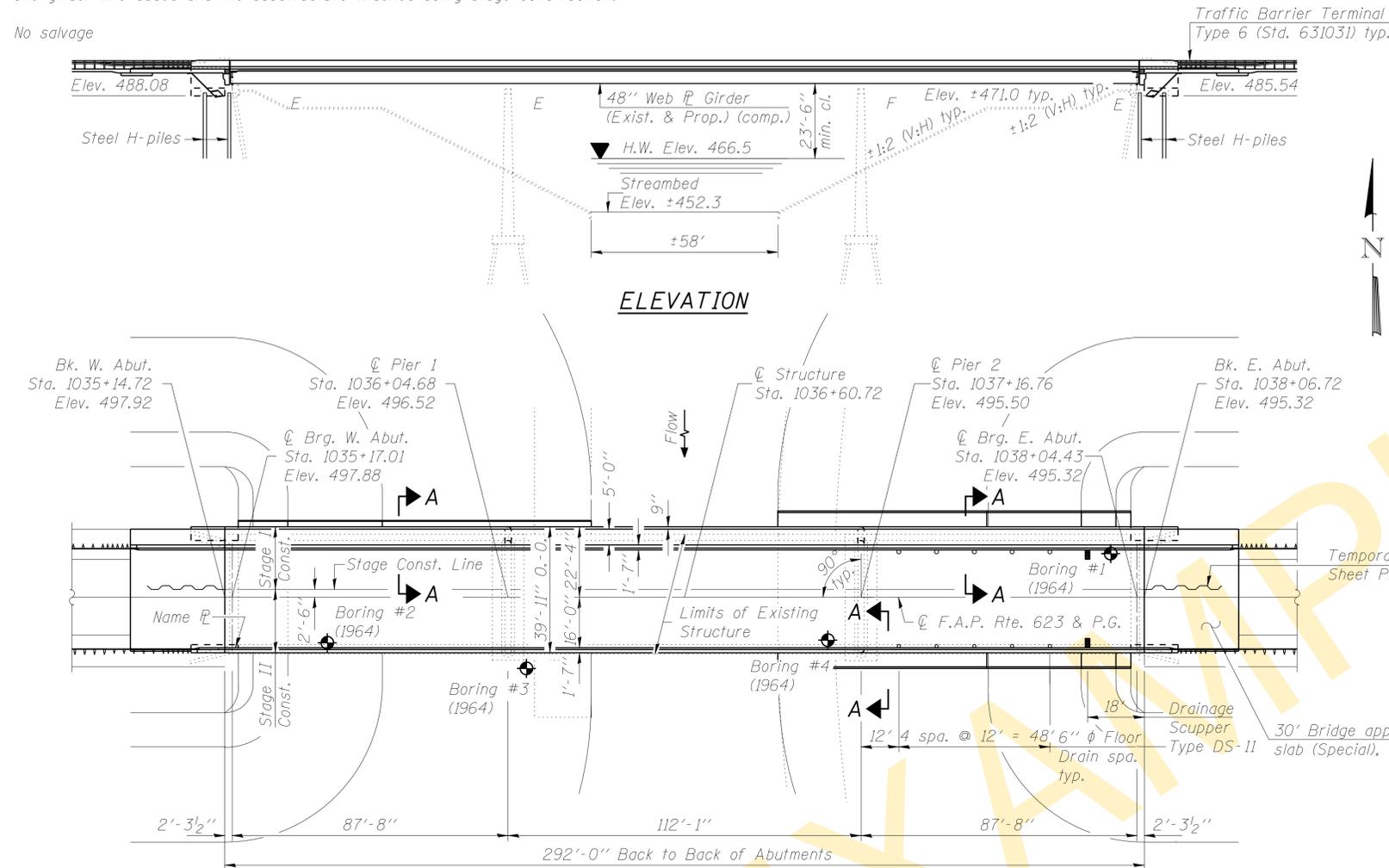
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = rhond_fbash8u	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CONTROL INSTALLATION TYPE CB-RCS-60</b>	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Users\rhond_fbash8u\Documents\DOT Example Plans\example plans from EnvisionCAD	DRAWN -	REVISED -	80			32-2HBR	GRUNDY	171	83	
PLOT SCALE = 100:0.0000 ' / in.	CHECKED -	REVISED -	LGT006.M32			CONTRACT NO. 66412				
PLOT DATE = 3/9/2017	DATE -	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

Bench Mark: Chiseled "□" on hubguard Southwest corner of bridge 15.4' Rt. Station 1035+17, Elevation 498.336

Existing Structure: S.N. 050-0094, built in 1966 as S.B.I. Route 7 (F.A.S. Rte. 260), Section X-1BR. The existing structure consists of a three span continuous plate girder with reinforced concrete deck. 292'-0" back-to-back abutments. 36'-0" out to out deck. The deck is to be removed and replaced, one girder line added and the substructure widened using stage construction.

No salvage



**ELEVATION**

**PLAN**

For Section A-A, see sheet 2 of 41.

**SCOPE OF WORK**

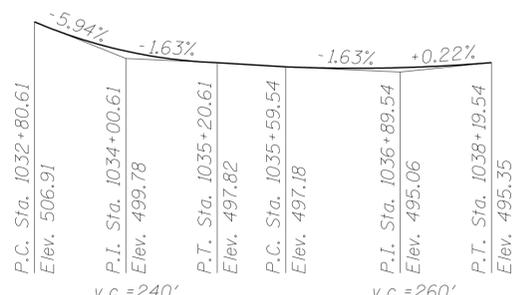
1. Remove and replace deck. Add new girder on North side of bridge.
2. Make all girders composite in positive moment regions.
3. Remove and replace abutment cross frames/diaphragms.
4. Replace existing abutment bearings with elastomeric bearings.
5. Widen abutments & piers.
6. Remove and replace abutment backwalls and wingwalls.
7. Repair substructure as shown.
8. Erosion under slope wall at Southwest nose of Pier 2 to be filled and paid for as Slope Wall Slurry Pumping. For details, see sheet 2 of 41.

**WATERWAY INFORMATION**

Drainage Area = 126 Sq. Mi. Low Grade Elev. 495.38' @ Sta. 10+90

Flood	Freq. Yr.	Opening		Nat. H.W.E.	Head - Ft.		Headwater El.		
		Q	Sq. Ft.		Exist.	Prop.	Exist.	Prop.	
	10	6579	918	918	464.7	0.7	0.7	465.4	465.4
Design	50	9739	1125	1125	466.5	1.1	1.1	467.6	467.6
Base	100	11043	1203	1203	467.1	1.2	1.2	468.3	468.3
Overtopping	-	-	-	-	-	-	-	-	-
Max. Calc.	500	14095	1364	1364	468.4	1.5	1.5	469.9	469.9

**PROFILE GRADE**  
(along centerline roadway)



SEAL

STATION 1036+60.72  
REBUILT 20 BY  
STATE OF ILLINOIS  
F.A.P. RT. 623 - SEC. X-1BR

**NAME PLATE**

See Std. 515001

Existing name plate shall be cleaned and placed next to new name plate. Cost included in "Name Plates."

**LOADING HS20-44**

Allow 50#/sq. ft. for future wearing surface.

**DESIGN SPECIFICATIONS**

2002 AASHTO

**DESIGN STRESSES**

**FIELD UNITS**

**New Construction**

- $f'_c = 3,500$  psi
- $f_y = 60,000$  psi (reinforcement)
- $f_y = 36,000$  psi (AASHTO M270 Grade 36 structural steel)
- $f_y = 50,000$  psi (AASHTO M270 Grade 50, H-piles only)

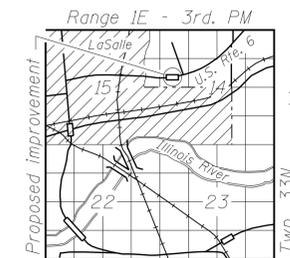
**Existing Construction**

- $f'_c = 3,500$  psi
- $f_y = 40,000$  psi (reinforcement)
- $f_y = 36,000$  psi (structural steel)

**SEISMIC DATA**

Seismic Performance Category (SPC) = A  
Bedrock Acceleration Coefficient (A) = 3.8%g  
Site Coefficient (S) = 1.0

**SEE CADD STRUCTURES  
DRAFTING REFERENCE GUIDE**



**LOCATION SKETCH**

**GENERAL NOTES**

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts  $\frac{3}{8}$ "  $\phi$ , holes  $\frac{15}{16}$ "  $\phi$ , unless otherwise noted. Calculated weight of Structural Steel = 78,260 lbs. (AASHTO M270 Grade 36) No field welding is permitted except as specified in the contract documents. No in-stream work will be allowed due to environmental constraints. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions. Reinforcement bars designated (E) shall be epoxy coated. Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete. As directed by the Engineer, existing construction accessories welded to the top flange of beams and girders shall be removed. The weld areas shall be ground flush and inspected for cracks using magnetic particle testing (MT) or dye penetrant testing (PT) by an individual acceptable to the Engineer. Any cracks that cannot be removed by grinding  $\frac{1}{4}$  inch deep shall be identified and reported to the Bureau of Bridges and Structures for further disposition. The cost of removing welded accessories, grinding and inspecting weld areas and grinding cracks will be paid for according to Article 109.04 of the Standard Specifications.

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

Bearing seat surfaces shall be constructed or adjusted to their designated elevations within a tolerance of  $\frac{1}{8}$  inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.

Concrete Sealer shall be applied to the exposed surface areas of the West and East Abutments.

Cleaning and Painting of the existing structural steel shall be as specified in the special provision for Cleaning and Painting Existing Steel Structures. All existing steel shall be cleaned per Near White Blast Cleaning - SSPC-SP10.

All existing steel shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8.

A minimum of two (2) air monitors will be required to monitor abrasive blasting operations at this site, see special provision for Containment and Disposal of Lead Paint Cleaning Residues.

The Organic zinc rich primer / Epoxy / Polyurethane Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat of the exterior and bottom flange of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8. See special provision for Cleaning and Painting New Metal Structures.

**GENERAL PLAN & ELEVATION**  
**U.S. ROUTE 6 OVER**  
**LITTLE VERMILION RIVER**  
**F.A.P. ROUTE 623 - SECTION X-1BR**  
**LaSALLE COUNTY**  
**STATION 1036+60.72**  
**STRUCTURE NO. 050-0094**

FILE NAME =	USER NAME =	DESIGNED -	REVISD -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	F.A.P. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
		CHECKED -	REVISD -		623	X-1BR	LaSALLE	126	56
		DRAWN -	REVISD -		CONTRACT NO. 66617				
		CHECKED -	REVISD -		ILLINOIS FED. AID PROJECT				

Page 1 of 2

**Illinois Department of Transportation**  
Division of Highways  
District Three - Materials

### SOIL BORING LOG

Date 10/15/64

ROUTE US 6 DESCRIPTION US 6 OVER LITTLE VERMILION RIVER EAST OF LASALLE LOGGED BY CIB

SECTION X-1BR LOCATION SE 14 OF NW 14, SEC. 14, TWP. 33N, RNG. 1E, 3 PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE MANUAL

STRUCT. NO. 050-0094 D E L C O S I M Surface Water Elev. 453.7 ft D E L C O S I M  
 Station 9+67.35 P O S I H S Qu T Stream Bed Elev. \_\_\_\_\_ ft P O S I H S Qu T

BORING NO. 1 EAST ABUT T W S Qu T Groundwater Elev.: \_\_\_\_\_ ft T W S Qu T  
 Station 11+07.85 H S Qu T First Encounter \_\_\_\_\_ ft H S Qu T  
 Offset 18.00ft LT Upon Completion \_\_\_\_\_ ft H S Qu T  
 Ground Surface Elev. 495.5 ft (ft) (6") (tsf) (%) After 20 Hrs. 454.0 ft (ft) (6") (tsf) (%)

Soil Description	Depth (ft)	Bulge (6")	Shear (tsf)	Penetrometer (SPT)	Soil Description	Depth (ft)	Bulge (6")	Shear (tsf)	Penetrometer (SPT)
Medium to Very Stiff Reddish Brown to Yellowish Brown & Gray CLAY (FILL)	0				Medium to Very Stiff Reddish Brown to Yellowish Brown & Gray CLAY (FILL) (continued)	7	E		
	6	1.2	18			8	0.8	19	
	-5	1.0	20			-25			
	6	0.5	13			15	0.4	22	
	-10	0.8	15			-30			
	10	0.8	12			10	1.3	25	
	-15	0.6	16			-35	1.0	13	
	8	0.4	17			15	2.5	25	
	-20	0.5	22			-40	0.2	28	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)

Page 2 of 2

**Illinois Department of Transportation**  
Division of Highways  
District Three - Materials

### SOIL BORING LOG

Date 10/15/64

ROUTE US 6 DESCRIPTION US 6 OVER LITTLE VERMILION RIVER EAST OF LASALLE LOGGED BY CIB

SECTION X-1BR LOCATION SE 14 OF NW 14, SEC. 14, TWP. 33N, RNG. 1E, 3 PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE MANUAL

STRUCT. NO. 050-0094 D E L C O S I M Surface Water Elev. 453.7 ft D E L C O S I M  
 Station 9+67.35 P O S I H S Qu T Stream Bed Elev. \_\_\_\_\_ ft P O S I H S Qu T

BORING NO. 1 EAST ABUT T W S Qu T Groundwater Elev.: \_\_\_\_\_ ft T W S Qu T  
 Station 11+07.85 H S Qu T First Encounter \_\_\_\_\_ ft H S Qu T  
 Offset 18.00ft LT Upon Completion \_\_\_\_\_ ft H S Qu T  
 Ground Surface Elev. 495.5 ft (ft) (6") (tsf) (%) After 20 Hrs. 454.0 ft (ft) (6") (tsf) (%)

Soil Description	Depth (ft)	Bulge (6")	Shear (tsf)	Penetrometer (SPT)	Soil Description	Depth (ft)	Bulge (6")	Shear (tsf)	Penetrometer (SPT)
Medium to Very Stiff Reddish Brown to Yellowish Brown & Gray CLAY (FILL) (continued)	14	S			Medium Gray LIMESTONE FRAGMENTS Mixed with Black Organic CLAY	434.5			
	7	0.3	23			432.0			
	-45	0.8	26		Very Stiff Olive Gray & Brownish Black CLAY	-65			
Soft to Medium Black Organic CLAY LOAM with Limestone Fragments	450.0	11	S			429.5			
	10	0.2	27		Hard Gray (CLAY) SHALE				
	-50	0.2	16			426.0	2009		
	20					-70			
	444.5								
Very Dense Light Yellow & Gray Coarse Angular SAND & Limestone Fragments	63								
	442.0								
Medium to Dense Light Yellow to White LIMESTONE FRAGMENTS	-55					-75			
	30								
	-60					-80			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)

Existing boring stations are based on  $\hat{C}$  Bridge at 9+65.00 =  $\hat{C}$  Proposed Bridge Sta. 1036+60.72.

**SEE CADD STRUCTURES  
DRAFTING REFERENCE GUIDE**

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS STRUCTURE NO. 050 - 0094</b>	F.A.P. RTE. 623	SECTION X-1BR	COUNTY LASALLE	TOTAL SHEETS 126	SHEET NO. 95	
		CHECKED -	REVISED -			CONTRACT NO. 66617					
		DRAWN -	REVISED -			ILLINOIS FED. AID PROJECT					
		CHECKED -	REVISED -			SHEET NO. 40 OF 41 SHEETS					

# District and Miscellaneous Details Sheet

Where necessary, the following details may be included:

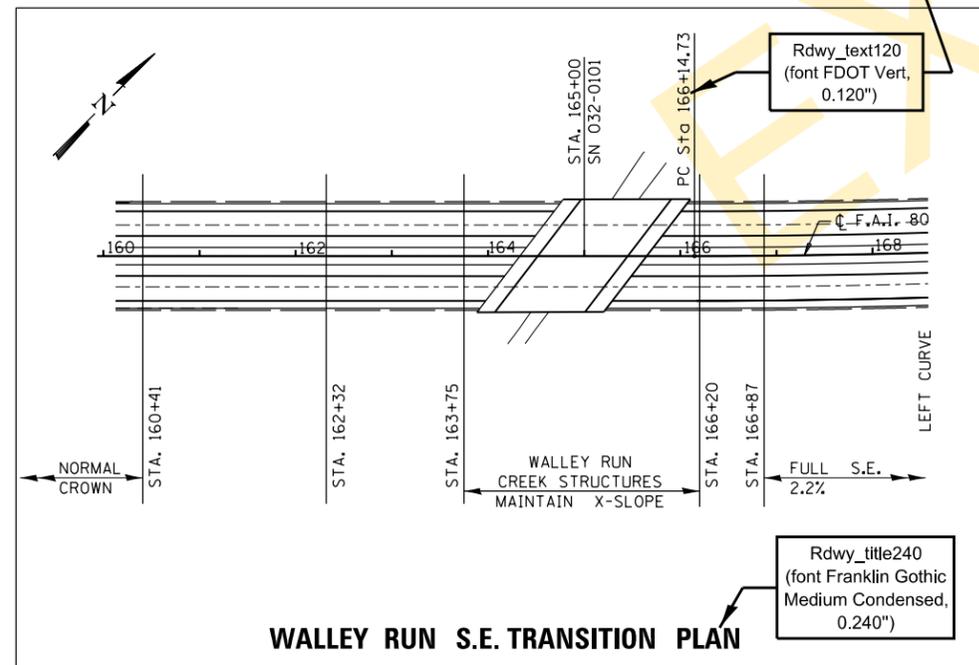
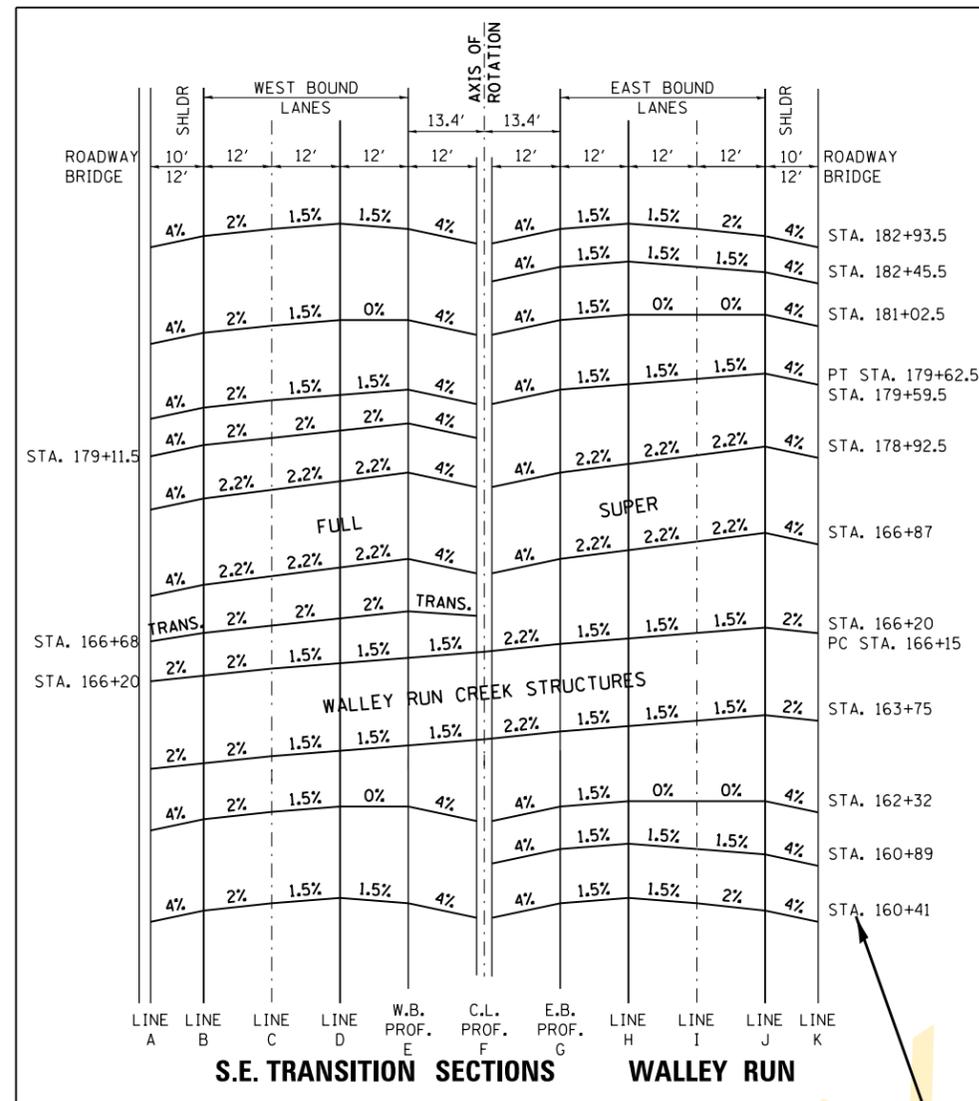
- Special drainage details that are not covered in the IDOT Highway Standards or on the drainage plan and profile sheets
- Field tile details
- Earthwork details for interchanges requiring significant earthwork
- Signing plans
- Superelevation transition diagrams
- Railroad crossing details
- District CADD details
- Butt joint details
- Transition details where there is a change in the roadway surface or base course width. These details should include:
  - beginning and ending stations,
  - distances and direction from the centerline, and
  - all necessary curve data
- Transition details where there is a change in roadway material's depth
- Any special designs not covered in the *IDOT Highway Standards* or elsewhere in the plans

Place description of sheet here

Information is same as cover sheet

FILE NAME = c:\projects\d3names\verdine\verdine.dgn	USER NAME = verdinem1	DESIGNED - --- DRAWN - ---	REVISED - --- REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE: ----- SHEET NO. -- OF --- SHEETS	STA. ----- TO STA. -----	F.A. RTE.: SECTION COUNTY TOTAL SHEETS SHEET NO.	CONTRACT NO. FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT
--	-----------------------	-------------------------------	--------------------------------	---	--	--------------------------	--	---

P.I. STA. 172+90.00  
 $\Delta = 8^\circ 58' 45.6''$   
 $T = 675.27'$   
 $R = 8600'$   
 $L = 1347.78'$   
 P.C. STA. 166+14.73  
 P.T. STA. 179+62.5  
 S.E. = 022 ' / '

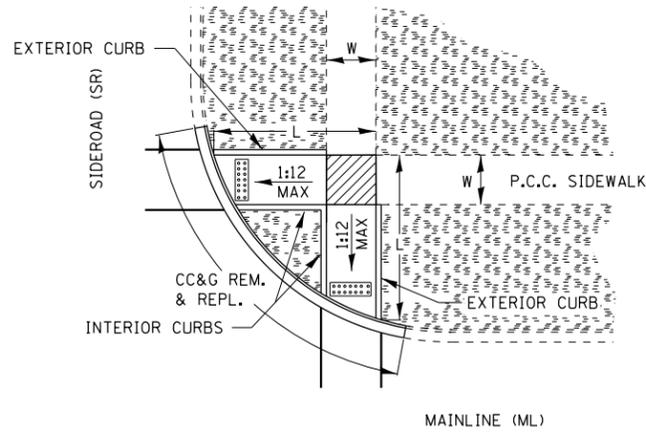


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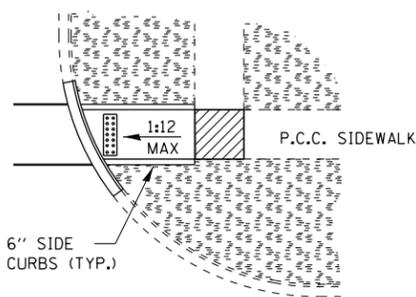
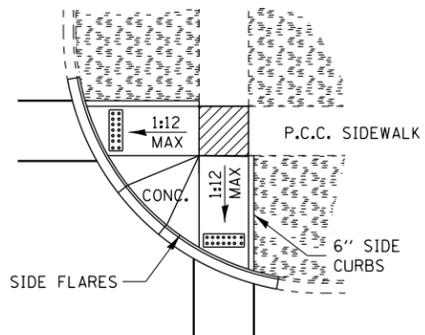
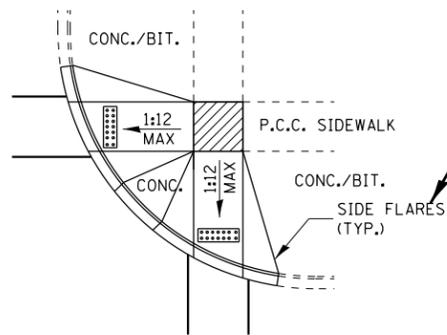
STATION	SHLD WIDTH	SUPERELEVATION TRANSITIONS											SHLD WIDTH
		ELEVATIONS AT LOCATIONS											
		A	B	C	D	E	F	G	H	I	J	K	
160+00.0	10	186.10	186.50	186.74	186.92	186.74	186.20	186.74	186.92	186.74	186.50	186.10	10
160+25.0	10	186.15	186.55	186.79	186.97	186.79	186.25	186.79	186.97	186.79	186.55	186.15	10
160+41.0	10	186.18	186.58	186.82	187.00	186.82	186.28	186.82	187.00	186.82	186.58	186.18	10
160+50.0	10	186.20	186.60	186.84	187.02	186.84	186.30	186.84	187.02	186.84	186.61	186.21	10
160+75.0	10	186.25	186.65	186.89	187.07	186.89	186.35	186.89	187.07	186.89	186.69	186.29	10
160+89.0	10	186.27	186.67	186.91	187.09	186.91	186.38	186.91	187.09	186.91	186.73	186.33	10
161+00.0	10	186.28	186.68	186.92	187.10	186.94	186.40	186.94	187.12	186.95	186.78	186.38	10
161+25.0	10	186.30	186.70	186.94	187.12	186.99	186.45	186.99	187.17	187.03	186.90	186.50	10
161+50.0	10	186.32	186.72	186.96	187.14	187.04	186.50	187.04	187.22	187.11	187.01	186.61	10
161+75.0	10	186.34	186.74	186.98	187.16	187.09	186.55	187.09	187.27	187.19	187.12	186.72	10
162+00.0	10	186.36	186.76	187.00	187.18	187.14	186.60	187.14	187.32	187.28	187.24	186.84	10
162+25.0	10	186.37	186.77	187.01	187.19	187.19	186.65	187.19	187.37	187.36	187.35	186.95	10
162+32.0	10	186.38	186.78	187.02	187.20	187.20	186.66	187.20	187.38	187.38	187.38	186.98	10
162+50.0	10	186.33	186.70	186.94	187.12	187.14	186.70	187.21	187.39	187.41	187.43	187.06	10
162+75.0	10	186.20	186.53	186.77	186.95	187.00	186.75	187.19	187.37	187.43	187.48	187.16	10
163+00.0	10	186.07	186.33	186.57	186.75	186.84	186.80	187.17	187.35	187.44	187.52	187.26	10
163+25.0	10	185.97	186.19	186.43	186.61	186.73	186.85	187.17	187.35	187.47	187.59	187.36	10
163+50.0	10	185.94	186.14	186.38	186.56	186.71	186.90	187.20	187.38	187.53	187.68	187.47	10
163+75.0	10	185.95	186.15	186.39	186.57	186.75	186.95	187.24	187.42	187.60	187.78	187.58	10
164+00.0	10	186.00	186.20	186.44	186.62	186.80	187.00	187.29	187.47	187.65	187.83	187.59	12
164+25.0	10	186.05	186.25	186.49	186.67	186.85	187.05	187.34	187.52	187.70	187.88	187.64	12
164+50.0	10	186.10	186.30	186.54	186.72	186.90	187.10	187.39	187.57	187.75	187.93	187.69	12
164+75.0	12	186.11	186.35	186.59	186.77	186.95	187.15	187.44	187.62	187.80	187.98	187.74	12
165+00.0	12	186.16	186.40	186.64	186.82	187.00	187.20	187.49	187.67	187.85	188.03	187.79	12
165+25.0	12	186.21	186.45	186.69	186.87	187.05	187.25	187.54	187.72	187.90	188.08	187.84	12
165+50.0	12	186.26	186.50	186.74	186.92	187.10	187.30	187.59	187.77	187.95	188.13	187.93	10
165+75.0	12	186.31	186.55	186.79	186.97	187.15	187.35	187.64	187.82	188.00	188.18	187.98	10
166+00.0	12	186.36	186.60	186.84	187.02	187.20	187.40	187.69	187.87	188.05	188.23	188.03	10
166+15.0	12	186.39	186.63	186.87	187.05	187.23	187.43	187.72	187.90	188.08	188.26	188.06	10
166+20.0	12	186.40	186.64	186.88	187.06	187.24	187.44	187.73	187.91	188.09	188.27	188.07	10
166+25.0	10	186.48	186.69	186.93	187.12	187.30	187.45	187.76	187.95	188.14	188.32	188.11	10
166+50.0	10	186.66	186.95	187.19	187.41	187.63	187.50	187.90	188.12	188.34	188.56	188.27	10
166+68.0	10	186.80	187.14	187.38	187.62	187.86	187.54	188.00	188.24	188.48	188.72	188.38	10
166+75.0	10	186.84	187.21	187.46	187.71	187.95	187.55	188.04	188.29	188.54	188.79	188.43	10
166+87.0	10	186.92	187.32	187.58	187.85	188.11	187.57	188.11	188.37	188.64	188.90	188.50	10
167+00.0	10	186.94	187.34	187.61	187.87	188.14	187.60	188.14	188.40	188.66	188.93	188.53	10
FULL SUPER													
178+50.0	10	189.24	189.64	189.91	190.17	190.44	189.90	190.44	190.70	190.96	191.23	190.83	10
178+75.0	10	189.29	189.69	189.96	190.22	190.49	189.95	190.49	190.75	191.01	191.28	190.88	10
178+92.5	10	189.33	189.73	189.99	190.26	190.52	189.99	190.52	190.79	191.05	191.31	190.91	10
179+00.0	10	189.37	189.77	190.03	190.28	190.54	190.00	190.54	190.79	191.05	191.30	190.90	10
179+11.5	10	189.44	189.84	190.08	190.32	190.56	190.02	190.56	190.80	191.04	191.28	190.88	10
179+25.0	10	189.50	189.90	190.14	190.36	190.59	190.05	190.59	190.81	191.03	191.26	190.86	10
179+50.0	10	189.61	190.01	190.25	190.44	190.64	190.10	190.64	190.83	191.02	191.21	190.81	10
179+59.5	10	189.66	190.06	190.30	190.48	190.66	190.12	190.66	190.84	191.02	191.20	190.80	10
179+62.5	10	189.66	190.06	190.30	190.48	190.66	190.13	190.66	190.84	191.02	191.19	190.79	10
179+75.0	10	189.71	190.11	190.35	190.53	190.69	190.15	190.69	190.87	191.03	191.19	190.79	10
180+00.0	10	189.79	190.19	190.43	190.61	190.74	190.20	190.74	190.92	191.04	191.17	190.77	10
180+25.0	10	189.87	190.27	190.51	190.69	190.79	190.25	190.79	190.97	191.06	191.16	190.76	10
180+50.0	10	189.95	190.35	190.59	190.77	190.84	190.30	190.84	191.02	191.08	191.15	190.75	10
180+75.0	10	190.03	190.43	190.67	190.85	190.89	190.35	190.89	191.07	191.10	191.14	190.74	10
181+00.0	10	190.11	190.51	190.75	190.93	190.94	190.40	190.94	191.12	191.12	191.12	190.72	10
181+02.5	10	190.12	190.52	190.76	190.94	190.94	190.41	190.94	191.12	191.12	191.12	190.72	10
181+25.0	10	190.19	190.59	190.83	191.01	190.99	190.45	190.99	191.17	191.14	191.11	190.71	10
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181+75.0	10	190.36	190.76	191.00	191.18	191.09	190.55	191.09	191.27	191.17	191.08	190.68	10
182+00.0	10	190.44	190.84	191.08	191.26	191.14	190.60	191.14	191.32	191.19	191.07	190.67	10
182+25.0	10	190.52	190.92	191.16	191.34	191.19	190.65	191.19	191.37	191.21	191.06	190.66	10
182+45.5	10	190.59	190.99	191.23	191.41	191.23	190.69	191.23	191.41	191.23	191.05	190.65	10
182+50.0	10	190.60	191.00	191.24	191.42	191.24	190.70	191.24	191.42	191.23	191.05	190.65	10
182+75.0	10	190.65	191.05	191.29	191.47	191.29	190.75	191.29	191.47	191.29	191.07	190.67	10
182+93.5	10	190.68	191.08	191.32	191.50	191.32	190.79	191.32	191.50	191.32	191.08	190.68	10
183+00.0	10	190.70	191.10	191.34	191.52	191.34	190.80	191.34	191.52	191.34	191.10	190.70	10

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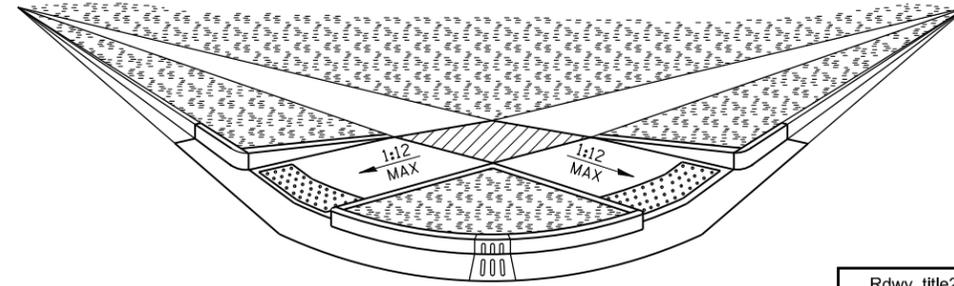
**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 1**



**TYPICAL CURB APPLICATIONS FOR METHOD 1**

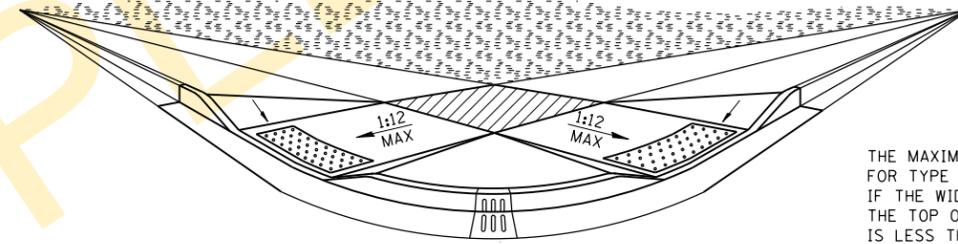
**LEGEND**

	PLANTING OR OTHER NON-WALKING SURFACE
	SLOPE = 2% MAX.
	DETECTABLE WARNING



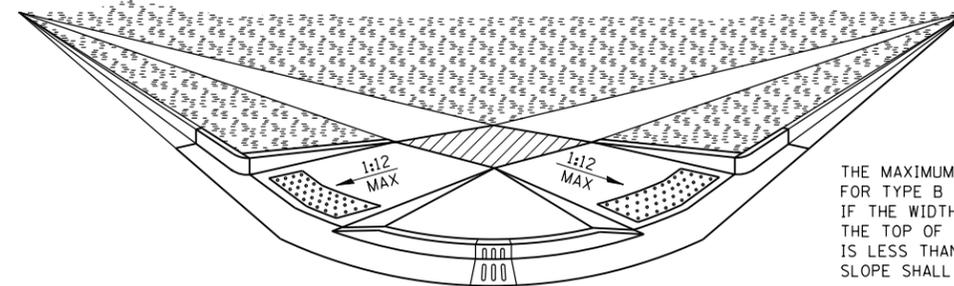
**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 1 PERSPECTIVE WITH SIDE CURBS**

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**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 1 PERSPECTIVE WITH SIDE FLARES**

THE MAXIMUM SLOPE OF THE SIDE FLARE FOR TYPE B RAMPS SHALL BE 1:10; HOWEVER, IF THE WIDTH OF THE LANDING AREA BETWEEN THE TOP OF THE RAMP AND AN OBSTRUCTION IS LESS THAN 4'-0" THEN THE MAXIMUM SLOPE SHALL BE 1:12.



**ADA SIDEWALK ACCESSIBILITY RAMPS  
METHOD 1 PERSPECTIVE WITH SIDE CURBS AND SIDE FLARES**

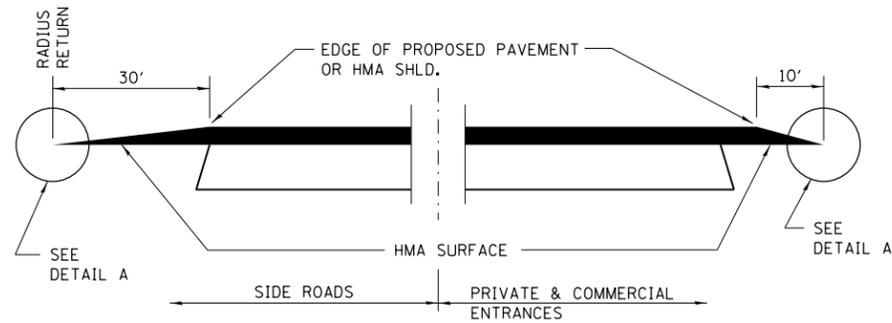
THE MAXIMUM SLOPE OF THE SIDE FLARE FOR TYPE B RAMPS SHALL BE 1:10; HOWEVER, IF THE WIDTH OF THE LANDING AREA BETWEEN THE TOP OF THE RAMP AND AN OBSTRUCTION IS LESS THAN 4'-0" THEN THE MAXIMUM SLOPE SHALL BE 1:12.

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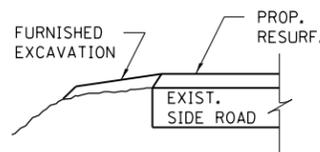
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS</b>				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623	(34)RD & (X-1)RS&BR	LASALLE	126	104
CONTRACT NO. 66617				
ILLINOIS FED. AID PROJECT				

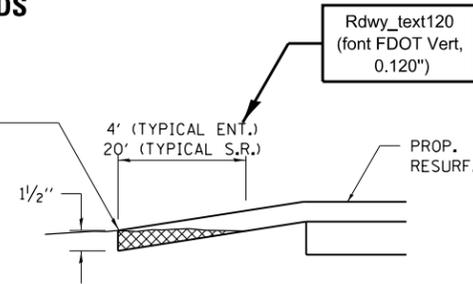


**SECTION A-A**  
**DETAILS AT ENTRANCES & SIDE ROADS**

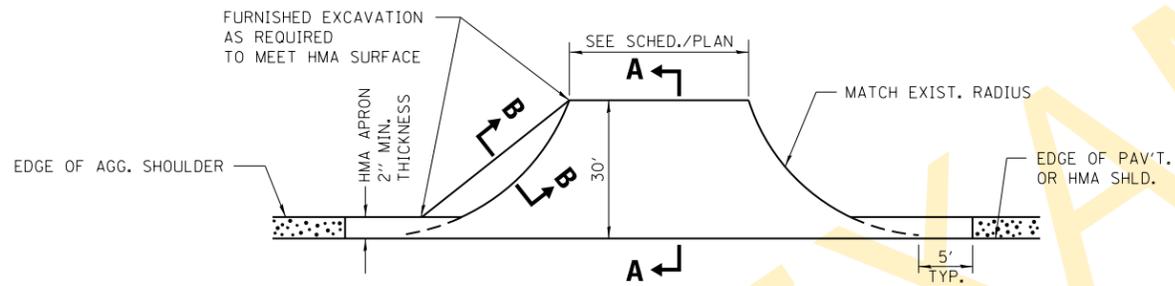


**SECTION B-B**

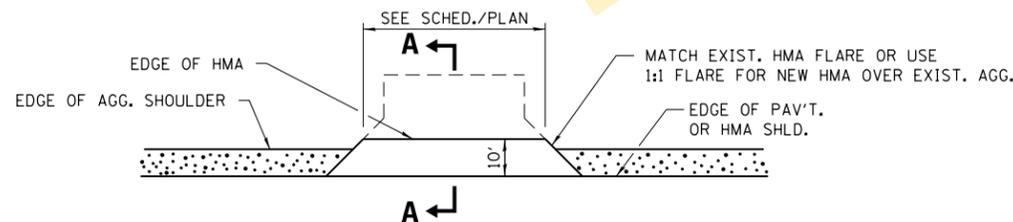
THE COST OF REMOVAL AT EXISTING HMA OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



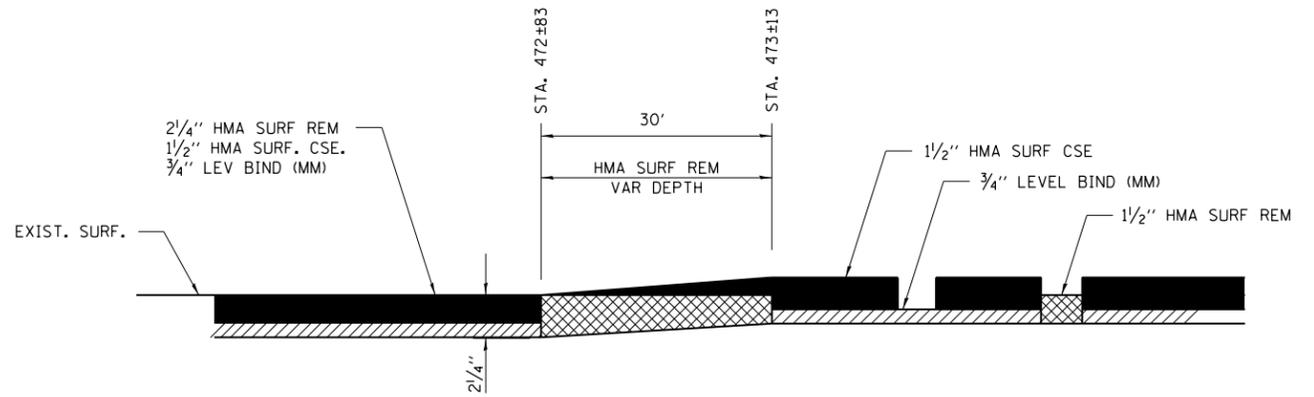
**DETAIL A**



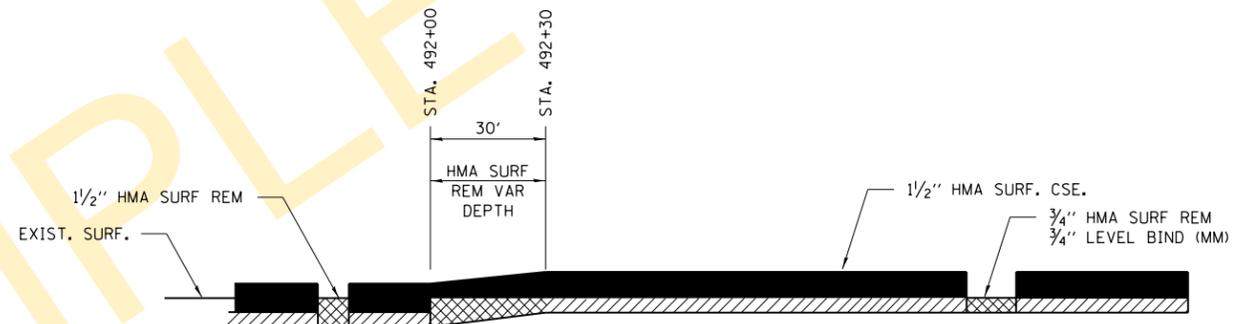
**PLAN AT SIDE ROADS**



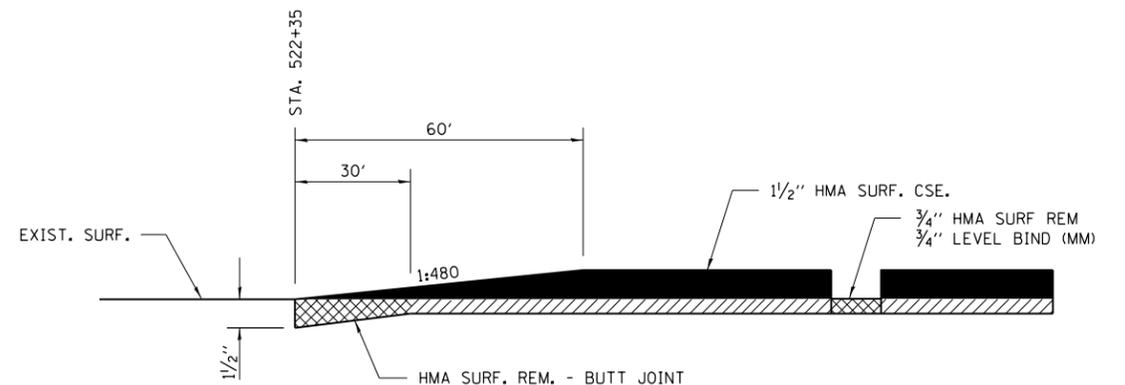
**PLAN AT PRIVATE & COMMERCIAL ENTRANCES**  
(DO NOT RESURFACE FIELD ENTRANCES)



**MILLING AND RESURFACING TAPER**



**MILLING AND RESURFACING TAPER**



**HMA SURF REM - BUTT JOINT**  
**END OF IMPROVEMENT**

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

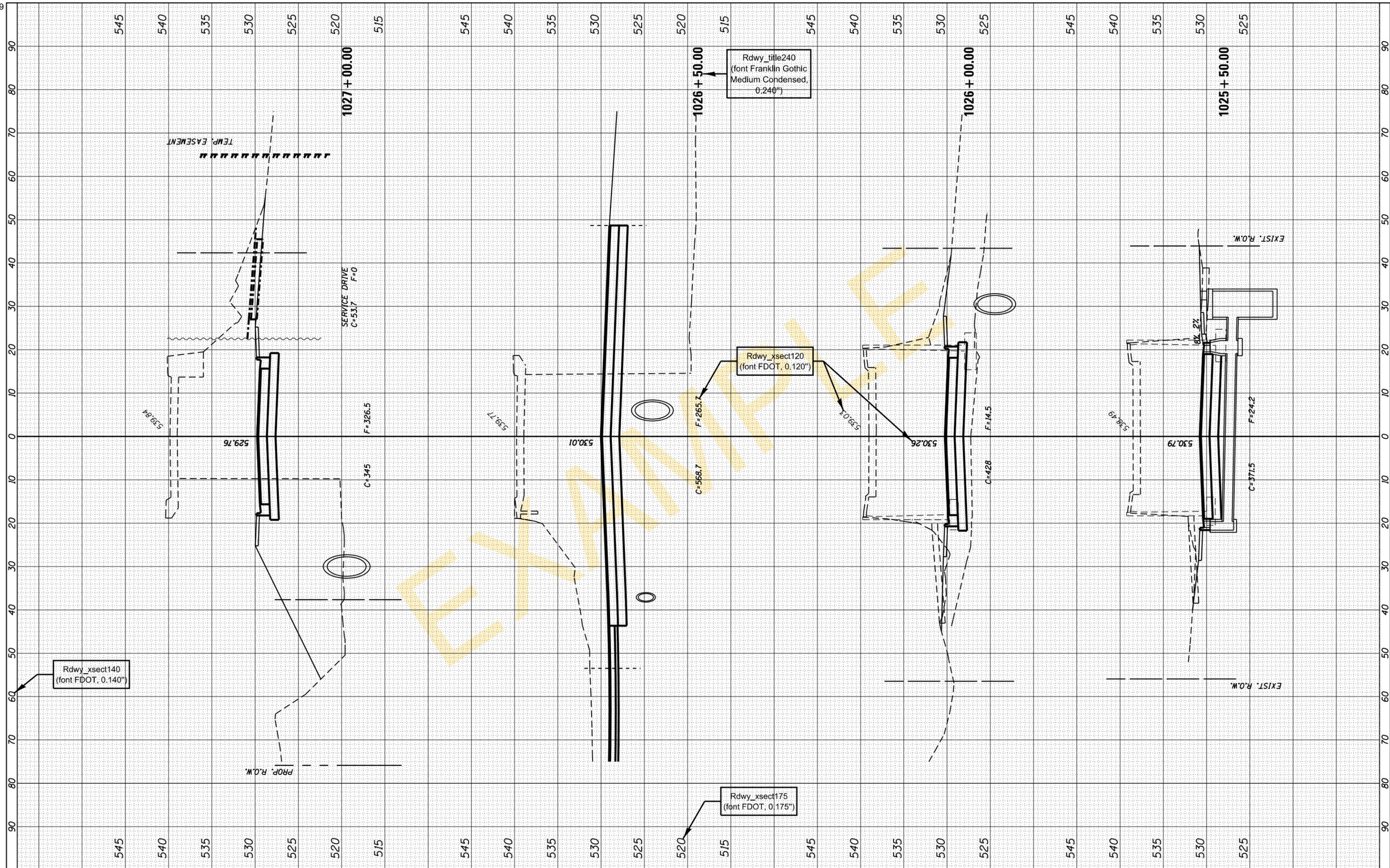
<b>DETAILS</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

*DEKALB & KENDALL			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
591	(15R)RS-5		25
			SHEET NO. 21
CONTRACT NO. 66682			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



FINAL SURVEY NO.	
SURVEYED PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
BY	
DATE	

ORIGINAL SURVEY NO.	
SURVEYED PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
BY	
DATE	



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DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US 6 CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. 1025-50 TO STA. 1027+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
623	(34)R,DM&(X-1)RS&BR	LASALLE	126	113
CONTRACT NO. 66617				
ILLINOIS FED. AID PROJECT				

# Highway Standard Sheets

The *IDOT Highway Standards* will be the last sheets added to the project. The Bureau of Design and Environment will be responsible for adding these sheets to the plans. The sheets added will be based on the listing provided in the Index of Sheets.

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						FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					