

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

**F.A.U. ROUTE 7975 (CARPENTER STREET)
SECTION 13-00475-00-BR
PROJECT
RECONSTRUCTION
SANGAMON COUNTY**

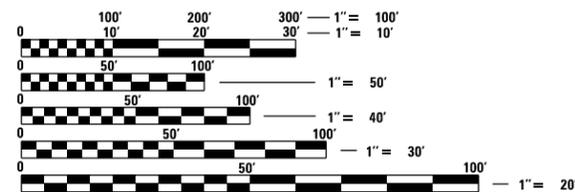
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	1
		ILLINOIS	CONTRACT NO.	

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FOR LIST OF STANDARDS, SEE SHEET NO. 2

FUNCTIONAL CLASSIFICATION MINOR ARTERIAL
2012 ADT = 6100
DESIGN SPEED: 30 M.P.H.
FAU ROUTE 7975 CARPENTER STREET RECONSTRUCTION



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.

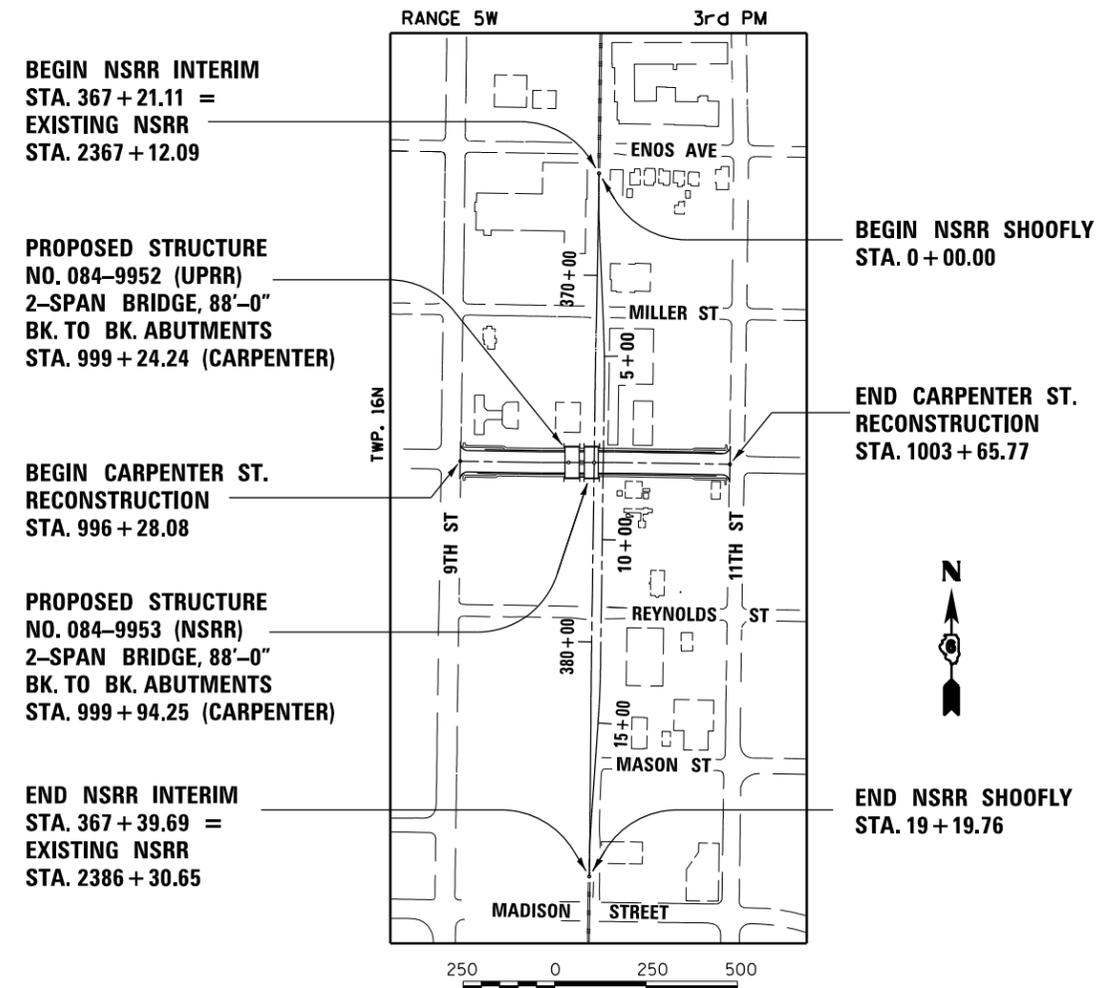
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



PROJECT ENGINEER: MICHAEL MENDENHALL (217)788-2450
PROJECT MANAGER: JIM MOLL (217)788-2450

CONTRACT NO.

C-9x-xxx-xx



SCALE OF LAYOUT
GROSS LENGTH = 737.69 FT. = 0.140 MILE
NET LENGTH = 737.69 FT. = 0.140 MILE
Exhibit 9



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

APPROVED _____ 20 _____
MAYOR

APPROVED _____ 20 _____
CITY ENGINEER

APPROVED _____ 20 _____
DISTRICT LOCAL ROADS AND STREETS ENGINEER

APPROVED _____ 20 _____
DISTRICT CONSTRUCTION ENGINEER

APPROVED _____ 20 _____
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER



PROFESSIONAL ENGINEER
STATE OF ILLINOIS
X
X

SIGNATURE: _____
DATE SIGNED: _____
LISC. EXP. DATE: _____

GENERAL NOTES

- IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT, AS DEFINED IN ARTICLE 101.17, REGARDLESS IF TRACK MOUNTED OR WHEELED.
- ALL DRAINAGE STRUCTURES SHALL BE FREE OF SILT, DEBRIS, OR OTHER SUCH OBSTRUCTION AT THE TIME OF FINAL INSPECTION. THE CLEANING OF THESE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS INVOLVED.
- ADDITIONAL DEPTH REQUIRED IN DRAINAGE STRUCTURES DUE TO CONFLICTS WITH OTHER UTILITY LINES WILL BE CONSIDERED INCLUDED WITH THE UNIT PRICE BID FOR DRAINAGE STRUCTURES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ELEVATION DATA IS BASED ON: IL STATE PLANE COORDINATE SYSTEM WEST ZONE DATUM OF NAD 83 (2011), ORTHO HEIGHT OF NAVD88 GEOID 12A
- ALL DISTURBED AREAS OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER, AT THE CONTRACTORS EXPENSE.
- THESE PLANS HAVE BEEN PREPARED USING STANDARD SYMBOLS AS INDICATED IN THESE PLANS, AND THEY SHALL TAKE PRECEDENCE OVER THOSE SHOWN ON STANDARD 00001 IF THERE IS A CONFLICT.
- SAW CUTS WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST FOR THE ITEM BEING REMOVED IF NECESSARY, IN ORDER TO CREATE A CLEAN JOINT FOR THE CONSTRUCTION OF THE PROPOSED ITEMS.
- BEFORE ORDERING ANY PIPES OR INLETS, THE CONTRACTOR SHALL VERIFY LENGTHS AND QUANTITIES REQUIRED.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
NSRR BALLAST - 1.33 TN/CY
AGGREGATE SUBGRADE IMPROVEMENT & OTHER COARSE AGGREGATES - 2.05 TN/CY
SEEDING FERTILIZER RATION (NIT:PHOS:POT) - 90:90:90 LBS AC
MULCH - 2.00 TONS/AC
EARTHWORK SHRINKAGE - 25%
- THE CONTRACTOR SHALL FIELD VARIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.
- DRAWINGS AND DETAILS ARE ASSUMED NOT TO SCALE UNLESS OTHERWISE NOTED.
- SIGN POSTS REMOVED AS PART OF A SIGN PANEL RELOCATION SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST FOR RELOCATION OF THE SIGN PANEL.
- ADJUSTMENT OF PROPOSED GRADES TO MATCH EXISTING FIELD CONDITIONS MAY BE REQUIRED. THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION OF GRADE MODIFICATIONS.
- ANY DAMAGE TO THE UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTORS EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
- WHEN REQUIRED BY ARTICLE 420.18, A PROTECTIVE COAT SHALL BE APPLIED TO CONCRETE PAVEMENT, GUTTER FLAGS, CURB SURFACES, AND OTHER CONCRETE APPURTENANCES ADJACENT TO THE PAVEMENT.
- THE FOLLOWING ITEMS, WHICH ARE TO BE REMOVED UNDER THIS CONTRACT, SHALL REMAIN THE PROPERTY OF THE OWNERS AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE LOCATION NOTED:
MANHOLE LIDS AND CASTINGS - STREET DEPARTMENT GARAGE
INLETS AND CASTINGS - STREET DEPARTMENT GARAGE
SIGN PANELS (NOT TO BE REINSTALLED) - STREET DEPARTMENT GARAGE
SIGN POSTS - STREET DEPARTMENT GARAGE
IF PORTIONS OF THE ABOVE NOTED ITEMS ARE DEEMED UNSALVAGEABLE BY THE ENGINEER, THE CONTRACTOR SHALL DISPOSE OF THEM IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. DELIVERY OF SALVAGED MATERIAL SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RESPECTIVE REMOVAL ITEMS.
- THE COST OF MAKING ANY SEWER OR UNDERDRIAN CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER OR UNDERDRAIN.
- EROSION CONTROL FOR THIS CONTRACT SHALL INCLUDE INLET AND PIPE PROTECTION AND PERIMETER EROSION BARRIER WITHIN THE CONSTRUCTION LIMITS ACCORDING TO ARTICLE 280 IF THE STANDARD SPECIFICATIONS AS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONTACT THE OWNER OF ANY NEWSPAPER, MAGAZINE OR POST OFFICE BOXES LOCATED WITHIN THE WORK AREA TO HAVE THE OWNER REMOVE SUCH BOXES.
- CONTRACTOR SHALL OBTAIN AND ABIDE BY "NORFOLK SOUTHERN - SPECIAL PROVISIONS FOR PROTECTION OF RAILWAY INTEREST", WHICH INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING TOPICS: AUTHORITY OF RAILROAD ENGINEER AND SPONSOR ENGINEER, NOTICE OF STARTING WORK, INTERFERENCE WITH RAILROAD OPERATIONS, TRACK CLEARANCES, CONSTRUCTION PROCEDURES, DAMAGES, FLAGGING SERVICES, HAUL ACROSS RAILROAD TRACK, WORK FOR THE BENEFIT OF THE CONTRACTOR, COOPERATION AND DELAYS, TRAINMAN'S WALKWAYS, GUIDELINES FOR PERSONNEL ON RAILROAD RIGHT-OF-WAY, GUIDELINES FOR EQUIPMENT ON RAILROAD RIGHT-OF-WAY, INSURANCE, FAILURE TO COMPLY, AND PAYMENT FOR COST OF COMPLIANCE.
- ALL TRACK WORK REQUIREMENTS SHOWN ON THESE DRAWINGS AND NOT OTHERWISE DETAILED SHALL BE ACCOMPLISHED AS SPECIFIED IN THE NORFOLK SOUTHERN RAILWAY COMPANY (NSRR) STANDARD SPECIFICATIONS FOR MATERIALS AND CONSTRUCTION AND THE MOST CURRENT AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION (AREMA) MANUAL FOR RAILWAY ENGINEERING AND PORTFOLIO OF TRACK WORK PLANS. IN THE EVENT CONFLICTS BETWEEN THESE PLANS AND SPECIFICATIONS, THE MORE RESTRICTIVE WILL APPLY.
- THE CONTRACTOR SHALL HAVE AND FOLLOW A SAFETY PLAN THAT CONFORMS TO ALL APPLICABLE OSHA AND FRA GUIDELINES.
- THE CONTRACTOR EMPLOYEES MUST PARTICIPATE IN A JOB SAFETY BRIEFING BEFORE BEGINNING WORK EACH DAY AND WHEN JOB CONDITIONS CHANGE. THE BRIEFING SHALL INCLUDE A DISCUSSION OF THE GENERAL WORK PLAN, EXISTING OR POTENTIAL HAZARDS AND WAYS TO ELIMINATE AND PROTECT AGAINST HAZARDS. NSRR EMPLOYEES AND OTHER CONTRACTORS INVOLVED IN THE WORK AREA MUST ALSO BE INCLUDED IN THE JOB SAFETY BRIEFING.

LIST OF STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREA OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
424001-07	PERPENDICULAR CURB RAMP FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMP FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMP FOR SIDEWALKS
424021-01	DEPRESSED CORNER FOR SIDEWALKS
515001-03	NAME PLATE FOR BRIDGES
601001-04	SUB-SURFACE DRAINS
602301-03	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE - TYPE A
602406-06	MANHOLE TYPE A 6' DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604011-04	FRAME AND GRATE TYPE 3V
604036-02	GRATE TYPE 8
601041-02	FRAME AND GRATE TYPE 9
604091-02	FRAME AND GRATE TYPE 24
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606401-01	PAVED DITCH
630001-10	STEEL PLATE BEAM GUARDRAIL
664001-02	CHAIN LINK FENCE
701606-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-03	TYPICAL PAVEMENT MARKINGS
782001	PRISMATIC CURB REFLECTORS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
821101	LUMINAIRE WIRING DIAGRAM
825001-01	LIGHTING CONTROLLER POLE MOUNTED, 240V
825016-02	LIGHTING CONTROLLER PEDESTAL MOUNTED, 480V
830001-02	LIGHT POLE ALUMINUM MAST ARM
836001-02	LIGHT POLE FOUNDATION
838001	BREAK AWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877011-05	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
561009-00	WATER MAIN 12"
402007-00	AGGREGATE SURFACE COURSE, TYPE A 8"
B.L.R. 14-10	PORTLAND CEMENT CONCRETE PAVEMENT (NONREINFORCED)

UTILITY NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

UTILITY CONTACT INFORMATION

CWLP (WATER) MICHAEL T. JOHNSON - (217) 789-2323 x1617 401 NORTH 11TH STREET SPRINGFIELD, IL 62702	AMEREN CILCO NORTH (ELECTRIC) GEREALD HUTCHINSON - (217) 753-5173 825 NORTH MACARTHUR SPRINGFIELD, IL 62702
CWLP (ELECTRIC) RICK MEADOWS - (217) 321-1354 1008 EAST MILLER STREET SPRINGFIELD, IL 62702	AMEREN CILCO NORTH (GAS) RICK COMBS - (217) 253-5187 (217) 971-0517 (CELL) 825 NORTH MACARTHUR SPRINGFIELD, IL 62702
CITY OF SPRINGFIELD (SEWER DEPARTMENT) JOHN HIGGENBOTHAM - (217) 789-2260 300 SOUTH SEVENTH STREET SPRINGFIELD, IL 62701	ATT JEFF GOAD - (217) 789-5828 (217) 358-2393 (CELL) 1640 E. HAZEL DELL RD. SPRINGFIELD, IL
WINDSTREAM KDL, Inc. DEAN YOAS - (330) 650-7293	
COMCAST DAVID BLY - (224) 229-3204 (217) 306-3759 (CELL) 711 SOUTH DIRKSEN PARKWAY SPRINGFIELD, IL 62703	



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REVIEWED	JWM	10/9/13

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GEN NOTES	PLOT DATE = 10/09/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
GENERAL NOTES**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	2
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
20101000	TEMPORARY FENCE	FOOT							
20200100	EARTH EXCAVATION	CU YD							
20700110	POROUS GRANULAR EMBANKMENT	CU YD							
20800150	TRENCH BACKFILL	CU YD							
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD							
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD							
21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD							
25000110	SEEDING, CLASS 1A	ACRE							
25000400	NITROGEN FERTILIZER NUTRIENT	POUND							
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND							
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND							
25000700	AGRICULTURAL GROUND LIMESTONE	TON							
25100115	MULCH, METHOD 2	ACRES							
25100630	EROSION CONTROL BLANKET	SQ YD							

• PAY ITEM REQUIRES A SPECIAL PROVISION

DESIGNED	JWM	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	10/9/13

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES**

SCALE: SHEET 1 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	3
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
25200110	SODDING, SALT TOLERANT	SQ YD							
25200200	SUPPLEMENTAL WATERING	UNIT							
28000250	TEMPORARY EROSION CONTROL SEEDING	SQ YD							
28000305	TEMPORARY DITCH CHECKS	FOOT							
28000400	PERIMETER EROSION BARRIER	FOOT							
28000500	INLET AND PIPE PROTECTION	EACH							
28000510	INLET FILTERS	EACH							
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD							
40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD							
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD							
42001300	PROTECTIVE COAT	SQ YD							
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4"	SQ FT							
42400800	DETECTABLE WARNINGS	SQ FT							
44000100	PAVEMENT REMOVAL	SQ YD							

• PAY ITEM REQUIRES A SPECIAL PROVISION

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REVIEWED	JWM	10/9/13

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES**

SCALE: SHEET 2 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	4
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT							
44000600	SIDEWALK REMOVAL	SQ FT							
50200100	STRUCTURE EXCAVATION	CU YD							
* 50300225	CONCRETE STRUCTURES	CU YD							
50300255	CONCRETE SUPERSTRUCTURE	CU YD							
* 50300285	FORM LINER TEXTURED SURFACE	SQ FT							
50300300	PROTECTIVE COAT	SQ YD							
* 50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM							
50500505	STUD SHEAR CONNECTORS	EACH							
50800105	REINFORCEMENT BARS	POUND							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND							
51500100	NAME PLATES	EACH							
51603000	DRILLED SHAFT IN SOIL	CU YD							

• PAY ITEM REQUIRES A SPECIAL PROVISION

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES**

SCALE: SHEET 3 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	5
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
51604000	DRILLED SHAFT IN ROCK	CU YD							
55100200	STORM SEWER REMOVAL, 6"	FOOT							
55100500	STORM SEWER REMOVAL, 12"	FOOT							
55101400	STORM SEWER REMOVAL, 30"	FOOT							
56100800	WATER MAIN 10"	FOOT							
58000100	MEMBRANE WATERPROOFING	SQ FT							
58700300	CONCRETE SEALER	SQ FT							
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD							
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD							
60100925	PIPE DRAINS 8"	FOOT							
60100945	PIPE DRAINS 12"	FOOT							
60107600	PIPE UNDERDRAINS 4"	FOOT							
60107800	PIPE UNDERDRAINS 8"	FOOT							
• 60109530	PIPE UNDERDRAINS, FABRIC LINED TRENCH 8"	FOOT							

• PAY ITEM REQUIRES A SPECIAL PROVISION

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES**

SCALE: SHEET 4 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	6
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ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 FRAME AND GRATE	EACH							
60219540	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH							
60219570	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	EACH							
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH							
60222270	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 3V FRAME AND GRATE	EACH							
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH							
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH							
60240301	INLETS, TYPE B, TYPE 8 FRAME AND GRATE	EACH							
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH							
60255500	MANHOLES TO BE ADJUSTED	EACH							
60257900	MANHOLES TO BE RECONSTRUCTED	EACH							
60260100	INLETS TO BE ADJUSTED	EACH							
60500040	REMOVING MANHOLES	EACH							
60500060	REMOVING INLETS	EACH							

• PAY ITEM REQUIRES A SPECIAL PROVISION

DESIGNED	JWM	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	10/9/13

FILE NAME =	USER NAME = pop02275	DESIGNED - DJP	REVISED -
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	PLOT SCALE = 0.1667' / in.	CHECKED - JWM	REVISED -
Sheet 5	PLOT DATE = 10/09/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	7
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
60606800	COMBINATION CURB AND GUTTER, B-9.18	FOOT							
60607100	COMBINATION CURB AND GUTTER, B-9.18 (MODIFIED)	FOOT							
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT							
60620400	CONCRETE MEDIAN, TYPE SB-9.06	SQ FT							
61140200	STORM SEWERS (SPECIAL), 12"	FOOT							
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT							
63200310	GUARDRAIL REMOVAL	FOOT							
66400305	CHAIN LINK FENCE, 6'	FOOT							
66400505	CHAIN LINK FENCE, 8'	FOOT							
66406600	CHAIN LINK GATES, 5' X 10' DOUBLE	EACH							
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO							
67100100	MOBILIZATION	L SUM							
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM							
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM							

• PAY ITEM REQUIRES A SPECIAL PROVISION

DESIGNED	JWM	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	10/9/13

FILE NAME =	USER NAME = pop0275	DESIGNED - DJP	REVISED -
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Sheet 6	PLOT DATE = 10/09/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES**

SCALE: SHEET 6 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	8
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT							
72000100	SIGN PANEL - TYPE 1	SQ FT							
72000200	SIGN PANEL - TYPE 2	SQ FT							
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH							
72900100	METAL POST - TYPE A	FOOT							
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT							
78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT							
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT							
78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT							
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT							
78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT							
78200300	PRISMATIC CURB REFLECTOR	EACH							
80400100	ELECTRIC SERVICE INSTALLATION	EACH							
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT							

• PAY ITEM REQUIRES A SPECIAL PROVISION

DESIGNED	JWM	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	10/9/13

FILE NAME =	USER NAME = pop00275	DESIGNED - DJP	REVISED -
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	PLOT SCALE = 0.1667' / in.	CHECKED - JWM	REVISED -
Sheet 7	PLOT DATE = 10/09/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	9
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT							
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT							
81200270	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT							
81400100	HANDHOLE	EACH							
81400300	DOUBLE HANDHOLE	EACH							
81603072	UD 600V 2-1C NO.4, 1/C NO.4 GRND (XLP-TY), 1 1/4" DIA. PLYETLN	FOOT							
81603085	UD 600V 3-1C NO.4, 1/C NO.4 GRND (XLP-TY), 1 1/4" DIA. PLYETLN	FOOT							
81603105	UD 600V 4-1C NO.4, 1/C NO.4 GRND (XLP-TY), 1 1/2" DIA. PLYETLN	FOOT							
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH							
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH							
82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH							
83002200	LIGHT POLE, ALUMINUM, 40 FT. M.H., 6 FT. DAVIT ARM	EACH							
83002400	LIGHT POLE, ALUMINUM, 40 FT. M.H., 10 FT. DAVIT ARM	EACH							
83002600	LIGHT POLE, ALUMINUM, 40 FT. M.H., 15 FT. DAVIT ARM	EACH							

• PAY ITEM REQUIRES A SPECIAL PROVISION

DESIGNED	JWM	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	10/9/13

FILE NAME =	USER NAME = pop00275	DESIGNED - DJP	REVISED -
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	PLOT DATE = 10/09/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES

SCALE: SHEET 8 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	10
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT							
83600357	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8'	EACH							
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH							
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH							
84200804	REMOVAL OF POLE FOUNDATION	EACH							
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT							
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT							
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT							
87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH							
87502510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT.	EACH							
87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH							
87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH							
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH							
87800100	CONCRETE FOUNDATION, TYPE A	FOOT							

• PAY ITEM REQUIRES A SPECIAL PROVISION

DESIGNED	JWM	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	10/9/13

FILE NAME =	USER NAME = pop00275	DESIGNED - DJP	REVISED -
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Sheet 9	PLOT DATE = 10/09/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES**

SCALE: SHEET 9 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	11
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT							
87900200	DRILL EXISTING HANDHOLE	EACH							
• 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH							
• 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH							
• 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH							
• 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH							
• 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH							
• 88200310	TRAFFIC SIGNAL BACKPLATE, LOUVERED PLASTIC	EACH							
• 88800100	PEDESTRIAN PUSH-BUTTON	EACH							
• 89501100	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH							
• 89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH							
• 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH							
• 89502380	REMOVE EXISTING HANDHOLE	EACH							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT							

• PAY ITEM REQUIRES A SPECIAL PROVISION

DESIGNED	JWM	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	10/9/13

FILE NAME =	USER NAME = pop00275	DESIGNED - DJP	REVISED -
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Sheet 10	PLOT DATE = 10/09/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES**

SCALE: SHEET 10 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	12
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT							
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT							
• K0036120	MULCH PLACEMENT 4"	SQ YD							
• X0301430	PRECAST CONCRETE PARKING BLOCK	EACH							
• X0301797	GATE REMOVAL	EACH							
• X0321865	ANTI-GRAFFITI PROTECTION SYSTEM	SQ FT							
• X0323360	WOODEN POLE REMOVAL	EACH							
• X0323389	STORM SEWER CONNECTION	EACH							
• X0323444	DECORATIVE STEEL RAILING	FOOT							
• X0323569	STEEL POST REMOVAL	EACH							
• X0324761	DRAINAGE SYSTEM (SPECIAL)	L SUM							
• X0325346	RAILROAD TRACK	TRK FT							
• X0325355	RAILROAD TRACK, REMOVE	TRK FT							
• X0325379	DIRECTIONAL BORING	FOOT							

• PAY ITEM REQUIRES A SPECIAL PROVISION

DESIGNED	JWM	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	10/9/13

FILE NAME =	USER NAME = pop00275	DESIGNED - DJP	REVISED -
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Sheet 11	PLOT DATE = 10/09/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES**

SCALE: SHEET 11 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	13
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
• X0326031	RAILROAD TRACK SHIFT ASSIST	EACH							
• X0326458	PAVEMENT REPLACEMENT, SPECIAL	SO YD							
• X0326911	TRANSVERSE DRAINS COMPLETE	EACH							
• X0327131	DRAINAGE STRUCTURES, NO. 1	EACH							
• X0327132	DRAINAGE STRUCTURES, NO. 2	EACH							
• X0350810	BOLLARD REMOVAL	EACH							
• X0783300	PUMP STATION ELECTRICAL WORK	L SUM							
• X0783500	PUMP STATION MECHANICAL WORK	L SUM							
• X5010205	REMOVAL OF EXISTING STRUCTURE, SPECIAL	EACH							
• X5030290	STAINING CONCRETE STRUCTURES	SO FT							
• X5030540	FLOOR DRAINS (SPECIAL)	EACH							
• X5610706	WATER MAIN REMOVAL, 6"	FOOT							
• X5610710	WATER MAIN REMOVAL, 10"	FOOT							
• X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD							

• PAY ITEM REQUIRES A SPECIAL PROVISION

PRELIMINARY	DESIGNED	JWM	9/6/13
	DRAWN	DJP	9/27/13
	REVIEWED	JWM	10/9/13

FILE NAME =	USER NAME = pop00275	DESIGNED - DJP	REVISED -
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Sheet 12	PLOT DATE = 10/09/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES

SCALE: SHEET 12 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	14
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
• X6012005	PIPE DRAINS 12" (SPECIAL)	FOOT							
• X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH							
• X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH							
• X6040205	FRAMES AND LIDS, SPECIAL	EACH							
• X6061460	PAVED DITCH (SPECIAL)	FOOT							
• X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT							
• X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM							
• X7240300	SIGN REMOVAL	EACH							
• X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH							
• XX004895	PIPE UNDERDRAIN CLEANOUT, COMPLETE	EACH							
• Z0002400	BALLAST	TON							
• Z0007601	BUILDING REMOVAL NO. 1	L SUM							
• Z0013798	CONSTRUCTION LAYOUT	L SUM							
• Z0016702	DETOUR SIGNING	L SUM							

• PAY ITEM REQUIRES A SPECIAL PROVISION

DESIGNED	JWM	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	10/9/13

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Sheet 13	PLOT DATE = 10/09/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES

SCALE: SHEET 13 OF 15 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	15
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				GCPF ELIGIBLE	GCPF ELIGIBLE	GCPF ELIGIBLE
• Z0022810	FENCE REMOVAL (SPECIAL)	FOOT							
• Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SO FT							
• Z0038600	PERMANENT BARRICADES	FOOT							
• Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT							
• Z0046306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT							
• Z0047700	PUMPING STATION	L SUM							
• Z0048400	RAILROAD CROSSING REMOVAL	EACH							
• Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM							
• Z0050300	REMOVE AND REINSTALL TRACK WORK	FOOT							
• Z0055905	TEMPORARY CONSTRUCTION FENCE	FOOT							
• Z0062450	SAWING PAVEMENT (FULL DEPTH)	FOOT							
• Z0062454	PAVEMENT REPLACEMENT, CONCRETE SPECIAL	CU YD							
• Z0067300	STEEL CASINGS 12"	FOOT							
• Z0068300	STEEL CASINGS 36"	FOOT							

• PAY ITEM REQUIRES A SPECIAL PROVISION

PRELIMINARY
 DESIGNED - JWM 9/16/13
 DRAWN - DJP 9/27/13
 REVIEWED - JWM 10/9/13

FILE NAME =	USER NAME = pop00275	DESIGNED - DJP	REVISED -
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	PLOT DATE = 10/09/2013	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

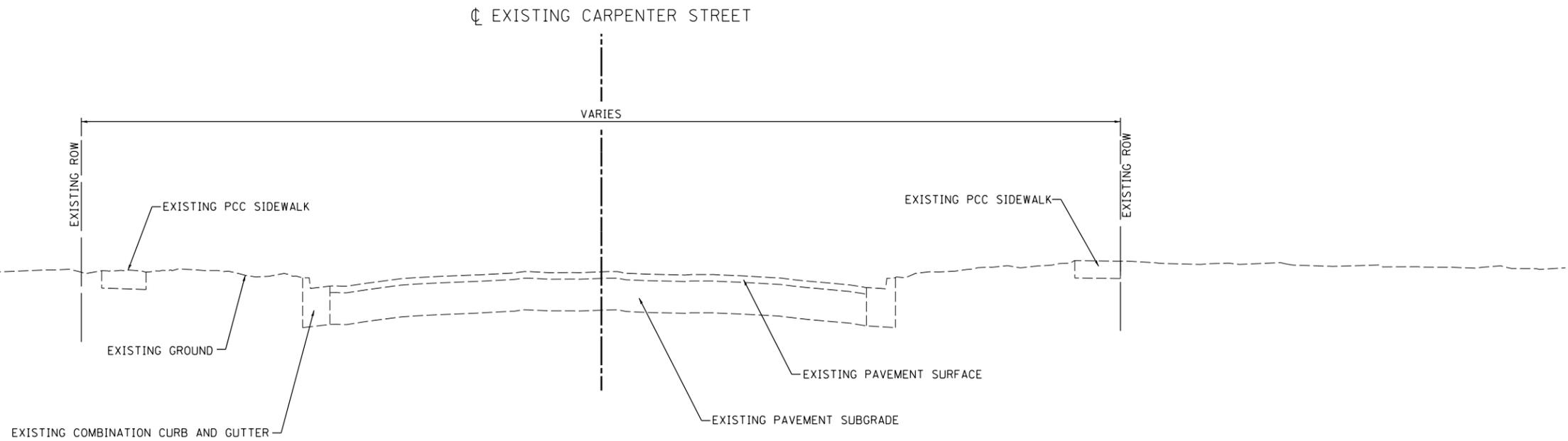
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 SUMMARY OF QUANTITIES

SCALE: SHEET 14 OF 15 SHEETS STA. TO STA.

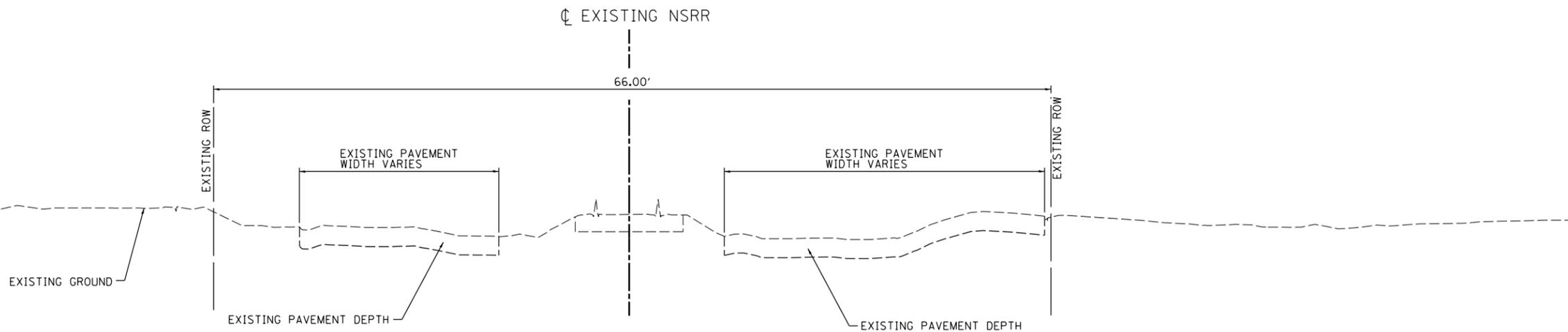
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	16
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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EXISTING CARPENTER STREET



EXISTING TRACK SECTION

LOOKING SOUTH

DESIGNED	JWM	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	

FILE NAME =	USER NAME = pop00275	DESIGNED -	DJP	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

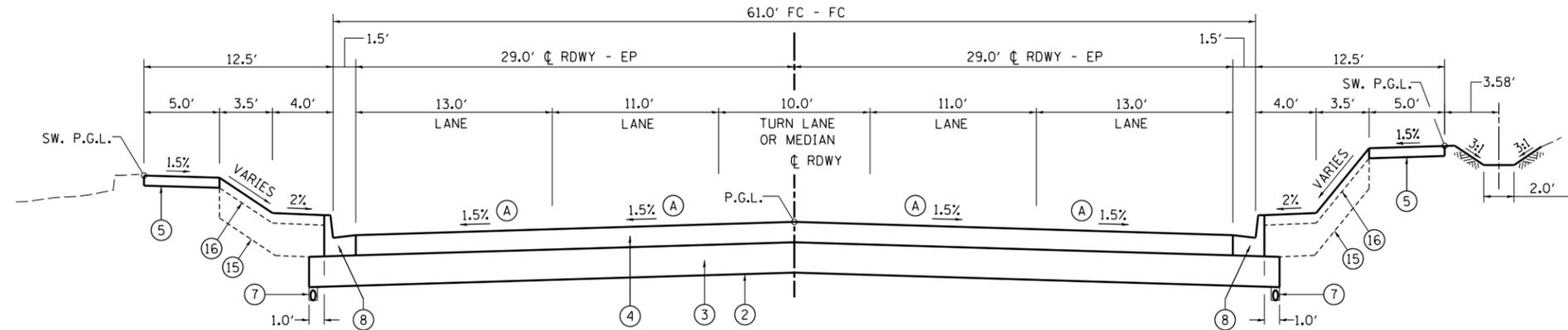
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - EXISTING

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	18
09L0179B			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

PCC PAVEMENT

STRUCTURAL DESIGN TRAFFIC	YEAR 2025	
PV = 8260	SU = 657	MU = 469
ROAD/STREET CLASSIFICATION:	CLASS I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 88%	S = 7%	M = 5%
TRAFFIC FACTOR:	ACTUAL TF = 3.80	AC TYPE = N/A
	MINIMUM TF = N/A	
PG GRADE:	BINDER = N/A	SURFACE = N/A
SUBGRADE SUPPORT RATING:		
SSR = POOR	(STA 996+28.08 TO 1003+65.77)	



CARPENTER STREET

(A) SEE INTERSECTION DETAIL SHEET

LEFT

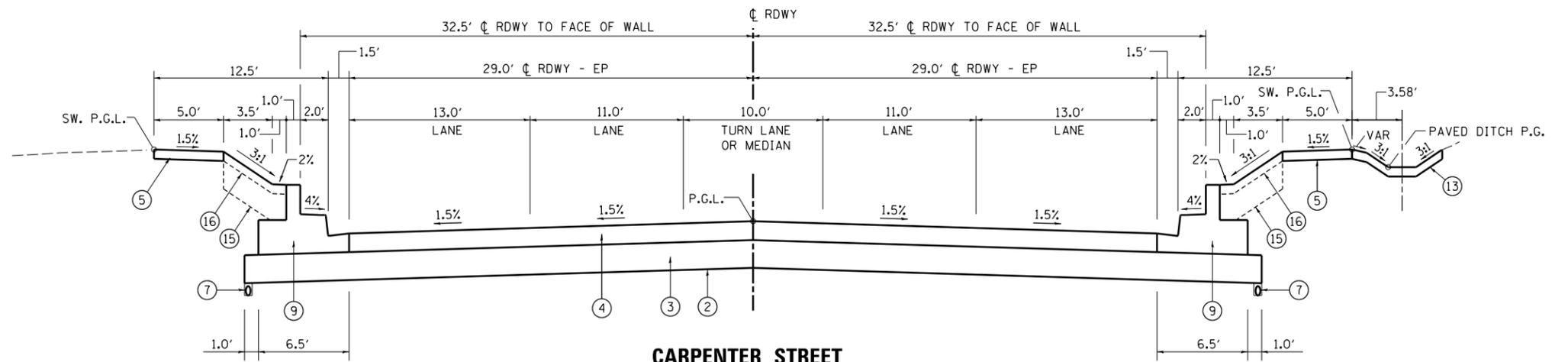
STA. 996+48.08 TO STA. 996+95.00
STA. 1003+25.00 TO STA. 1003+45.64

RIGHT

STA. 996+48.49 TO STA. 996+75.00
STA. 1003+30.00 TO STA. 1003+45.62

LEGEND

- ① POROUS GRANULAR EMBANKMENT
- ② GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑥ CONCRETE MEDIAN, TYPE SB-9.06
- ⑦ PIPE UNDERDRAINS 4"
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18 (MODIFIED)
- ⑩ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑪ SELECT GRANULAR BACKFILL, SPECIAL SEE STRUCTURE PLANS
- ⑫ CONCRETE LEVELING PAD SEE STRUCTURE PLANS
- ⑬ PAVED DITCH (SPECIAL) SEE SIDEWALK / DITCH PROFILES SHEET FOR LIMITS. SEE DRAINAGE DETAILS SHEET
- ⑭ PIPE UNDERDRAIN FOR STRUCTURES 4" SEE STRUCTURE PLANS
- ⑮ TOPSOIL FURNISH AND PLACE 12"
- ⑯ MULCH 4"



CARPENTER STREET

LEFT

STA. 996+95.00 TO STA. 997+45.00
STA. 1002+70.00 TO STA. 1003+25.00

RIGHT

STA. 996+75.00 TO STA. 997+25.00
STA. 1002+70.00 TO STA. 1003+30.00



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DESIGNED	JWM	9/6/13
DRAWN	CLG	9/27/13
REVIEWED	JWM	10/9/13

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	PLOT DATE = 10/09/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

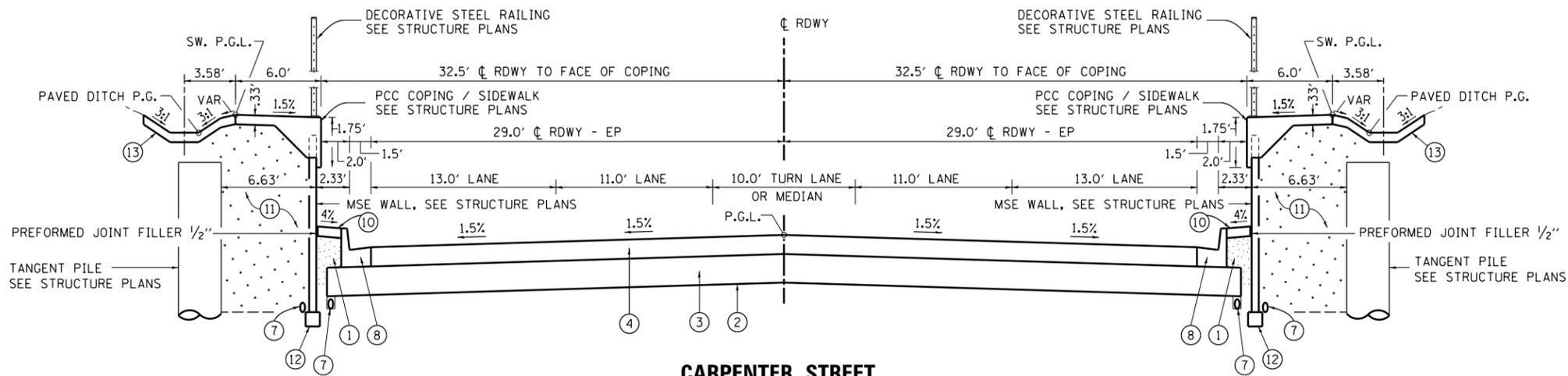
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - CARPENTER STREET

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	19
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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LEFT

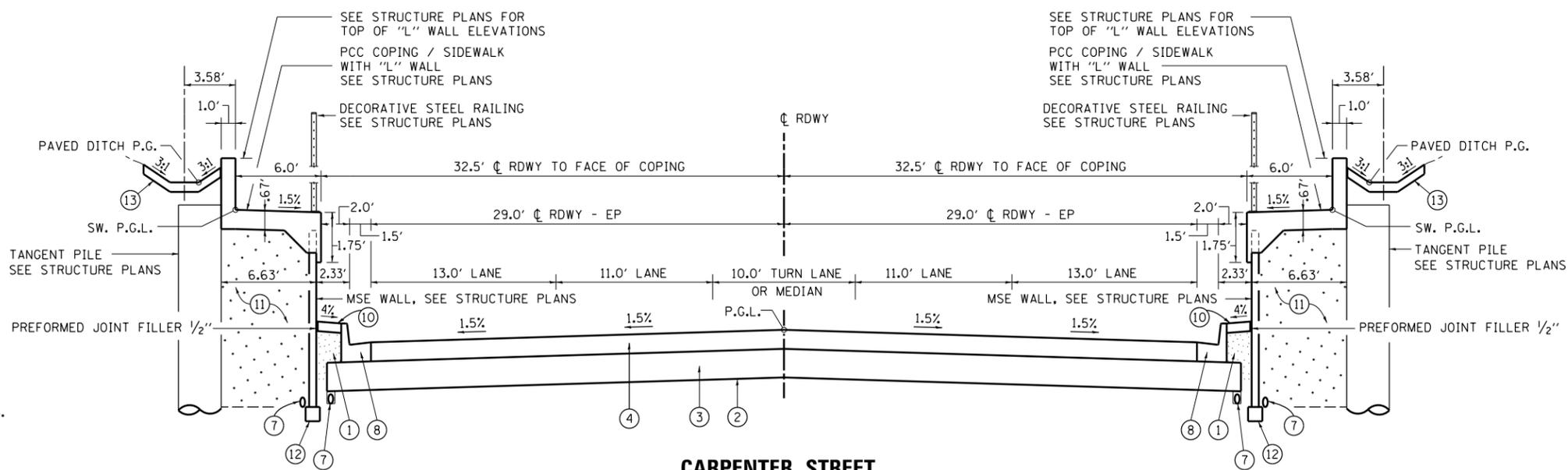
STA. 997+45.00 TO STA. 997+60.00
STA. 1001+95.00 TO STA. 1002+70.00

RIGHT

STA. 997+25.00 TO STA. 997+45.00
STA. 1002+05.00 TO STA. 1002+70.00

LEGEND

- ① POROUS GRANULAR EMBANKMENT
- ② GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑥ CONCRETE MEDIAN, TYPE SB-9.06
- ⑦ PIPE UNDERDRAINS 4"
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18 (MODIFIED)
- ⑩ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑪ SELECT GRANULAR BACKFILL, SPECIAL SEE STRUCTURE PLANS
- ⑫ CONCRETE LEVELING PAD SEE STRUCTURE PLANS
- ⑬ PAVED DITCH (SPECIAL) SEE SIDEWALK / DITCH PROFILES SHEET FOR LIMITS. SEE DRAINAGE DETAILS SHEET
- ⑭ PIPE UNDERDRAIN FOR STRUCTURES 4" SEE STRUCTURE PLANS
- ⑮ TOPSOIL FURNISH AND PLACE 12"
- ⑯ MULCH 4"



LEFT

STA. 997+60.00 TO STA. 997+95.00
STA. 1001+60.00 TO STA. 1001+95.00

RIGHT

STA. 997+45.00 TO STA. 997+80.00
STA. 1001+65.00 TO STA. 1002+05.00

DESIGNED	JWM	9/6/13
DRAWN	CLG	9/27/13
REVIEWED	JWM	10/9/13

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		CHECKED - JWM	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - CARPENTER STREET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	20
	09L0179B	CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

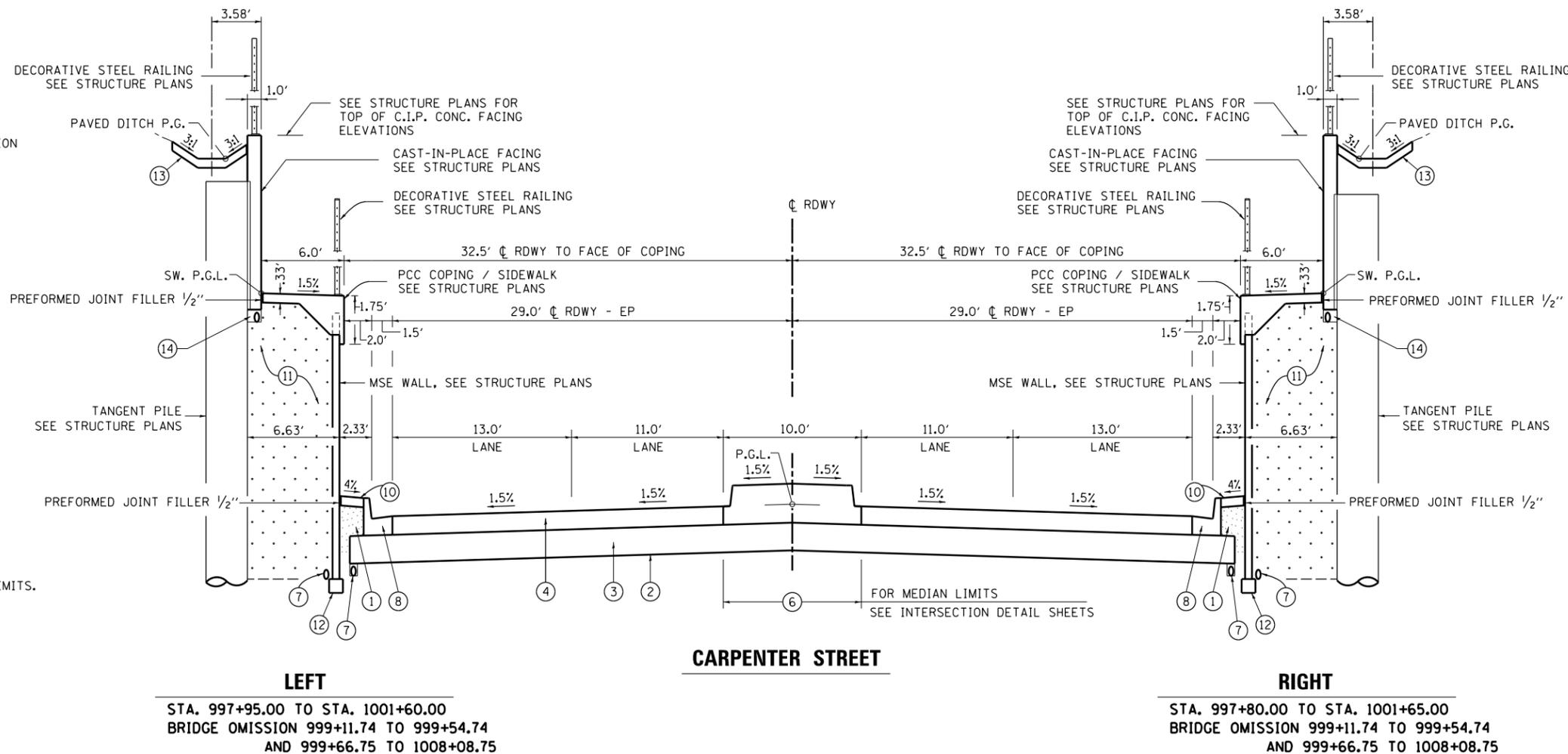
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.



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LEGEND

- ① POROUS GRANULAR EMBANKMENT
- ② GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑥ CONCRETE MEDIAN, TYPE SB-9.06
- ⑦ PIPE UNDERDRAINS 4"
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18 (MODIFIED)
- ⑩ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑪ SELECT GRANULAR BACKFILL, SPECIAL SEE STRUCTURE PLANS
- ⑫ CONCRETE LEVELING PAD SEE STRUCTURE PLANS
- ⑬ PAVED DITCH (SPECIAL) SEE SIDEWALK / DITCH PROFILES SHEET FOR LIMITS. SEE DRAINAGE DETAILS SHEET
- ⑭ PIPE UNDERDRAIN FOR STRUCTURES 4" SEE STRUCTURE PLANS
- ⑮ TOPSOIL FURNISH AND PLACE 12"
- ⑯ MULCH 4"



DESIGNED	JWM	9/6/13
DRAWN	CLG	9/27/13
REVIEWED	JWM	10/9/13

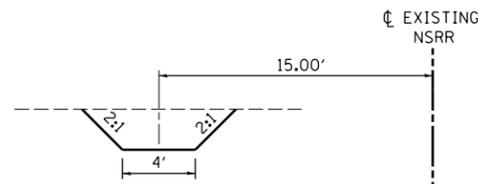
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PLOT SCALE = 10.0000' / in.		CHECKED - JWM	REVISED -
PLOT DATE = 10/09/2013		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

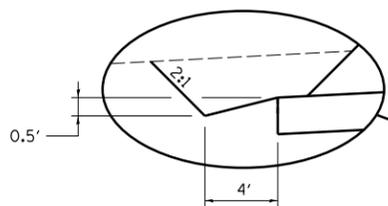
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 TYPICAL SECTIONS - CARPENTER STREET

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

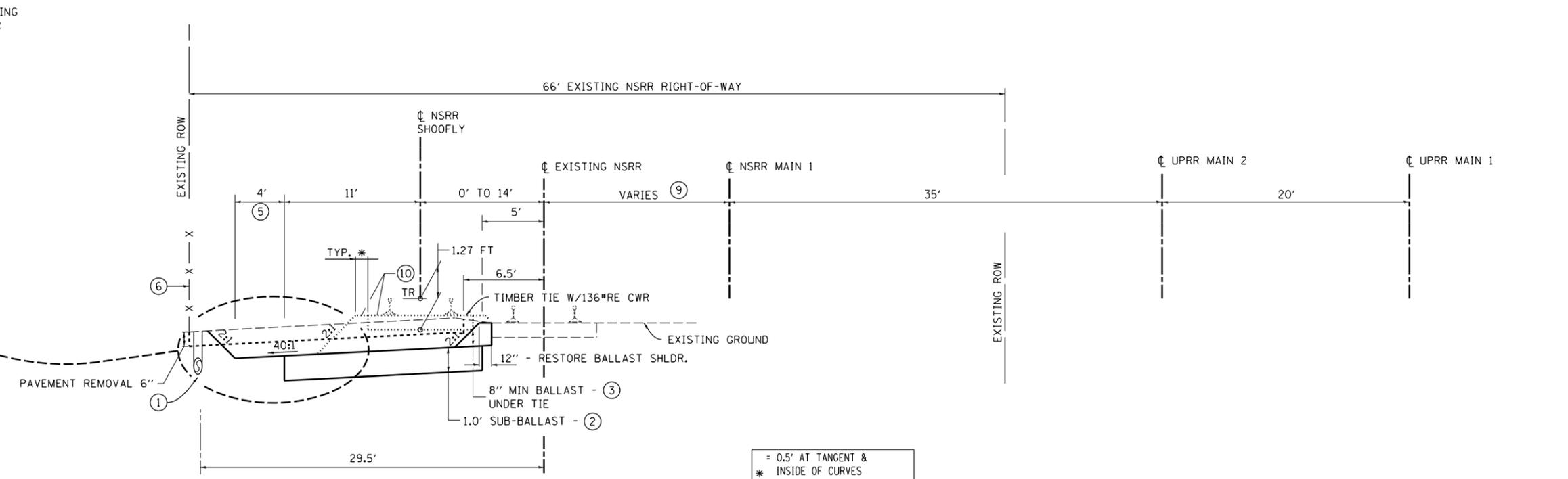
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	21
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



DITCH
STA. 19+19.76 TO STA. 19+65.79
LOOKING SOUTH (RR WEST)



UNDERDRAIN ENDS AT 16+09
STA. 16+09 TO STA. 19+19.76
LOOKING SOUTH (RR WEST)



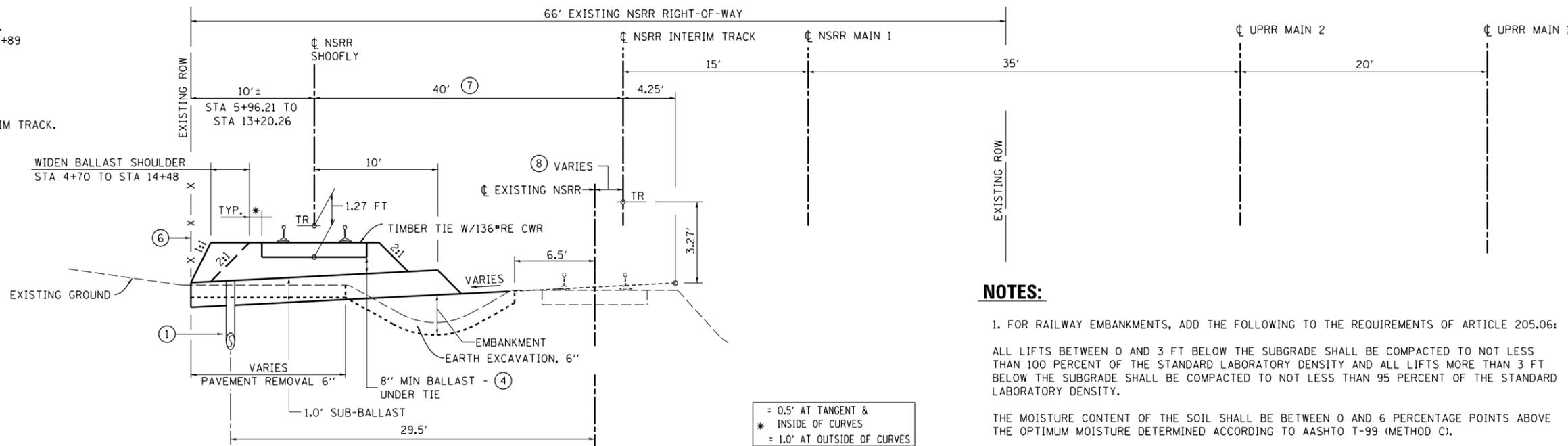
= 0.5' AT TANGENT &
* INSIDE OF CURVES
= 1.0' AT OUTSIDE OF CURVES

LEGEND

- ① PIPE UNDERDRAINS, FABRIC LINED TRENCH. - DEPTH AND SIZE VARIES. SEE NSRR SHOOFLY PLAN & PROFILE FOR UNDERDRAIN PROFILE.
- ② EXCAVATE, PLACE SUB-BALLAST AND RESTORE 0.5' WIDE BALLAST SHOULDER ON EXISTING NSRR DURING WINDOW IN TRAFFIC.
- ③ BALLAST DEPTH VARIES FROM 8.0" AT STA. 2+50 TO 16" AT STA. 3+47.91. FROM 11.7" AT STA. 15+73.31 TO 10.7" AT STA. 16+89 FROM 10.7" AT STA. 16+89 TO 8" AT STA. 17+50
- ④ STA. 3+47.91 TO STA. 5+90 STA. 11+90 TO STA. 15+73.31 BALLAST DEPTH VARIES. SUBGRADE ELEVATION CONTROLLED BY NSRR INTERIM TRACK.
- ⑤ TRANSITION DITCH WIDTH: 4' TO 0' STA. 3+98 TO STA. 4+37 0' TO 4' STA. 14+80 TO STA. 15+40
- ⑥ CHAIN LINK FENCE 8' STA. 1+70.00 TO STA. 4+24.00 STA. 8+75.00 TO STA. 17+14.00
- ⑦ VARIES 30.24' TO 40.00' FROM STA. 3+47.91 TO STA. 5+96.21 AND 40.00' TO 22.80' FROM STA. 12+16.83 TO STA. 15+73.31
- ⑧ VARIES 14.00' TO 23.53' FROM STA. 3+47.91 TO STA. 5+96.21 23.53' TO 22.94' FROM STA. 5+96.21 TO STA. 13+20.26 22.74' TO 14.00' FROM STA. 13+20.26 TO STA. 15+73.31
- ⑨ VARIES 0.00' TO 17.54' FROM STA. 0+00.00 TO STA. 3+47.91 8.72' TO 15.43' (LT) FROM STA. 15+73.31 TO STA. 19+19.76
- ⑩ TRACK AND BALLAST WORK BY OTHERS.

NSRR SHOOFLY TRACK

CUT OVER LOCATIONS
STA. 0+00 TO STA. 3+47.91
STA. 15+73.31 TO STA. 19+19.76
LOOKING SOUTH (RR WEST)



= 0.5' AT TANGENT &
* INSIDE OF CURVES
= 1.0' AT OUTSIDE OF CURVES

NSRR SHOOFLY TRACK

STA. 3+47.91 TO STA. 15+73.31
LOOKING SOUTH (RR WEST)

NOTES:

1. FOR RAILWAY EMBANKMENTS, ADD THE FOLLOWING TO THE REQUIREMENTS OF ARTICLE 205.06:
ALL LIFTS BETWEEN 0 AND 3 FT BELOW THE SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 100 PERCENT OF THE STANDARD LABORATORY DENSITY AND ALL LIFTS MORE THAN 3 FT BELOW THE SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT OF THE STANDARD LABORATORY DENSITY.
THE MOISTURE CONTENT OF THE SOIL SHALL BE BETWEEN 0 AND 6 PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE DETERMINED ACCORDING TO AASHTO T-99 (METHOD C).
2. IN CUT SECTIONS BENEATH RAILWAY SUBBALLAST, ADD THE FOLLOWING TO THE REQUIREMENTS OF ARTICLE 301.04:
THE CONTRACTOR SHALL SCARIFY THE TOP 12 INCHES OF SUBGRADE, ADJUST THE MOISTURE CONTENT TO BETWEEN 0 AND 6 PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE DETERMINED ACCORDING TO AASHTO T-99 (METHOD C), AND COMPACT TO NOT LESS THAN 100 PERCENT OF THE STANDARD LABORATORY DENSITY.

DESIGNED	GCN	9/6/13
DRAWN	CLG	9/27/13
REVIEWED	GCN	10/9/13

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	PLOT DATE = 10/09/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

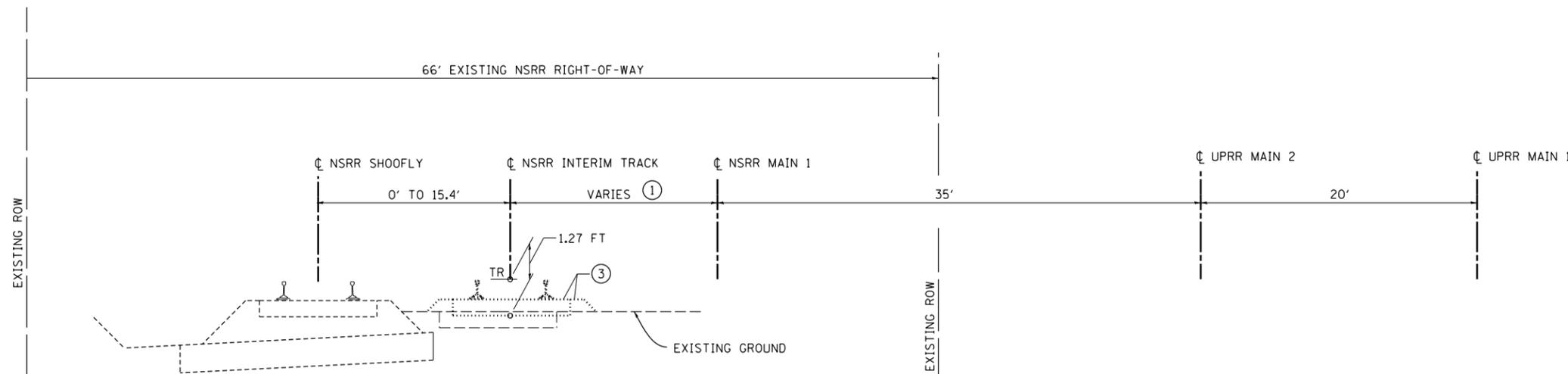
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - NSRR SHOOFLY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	22
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.



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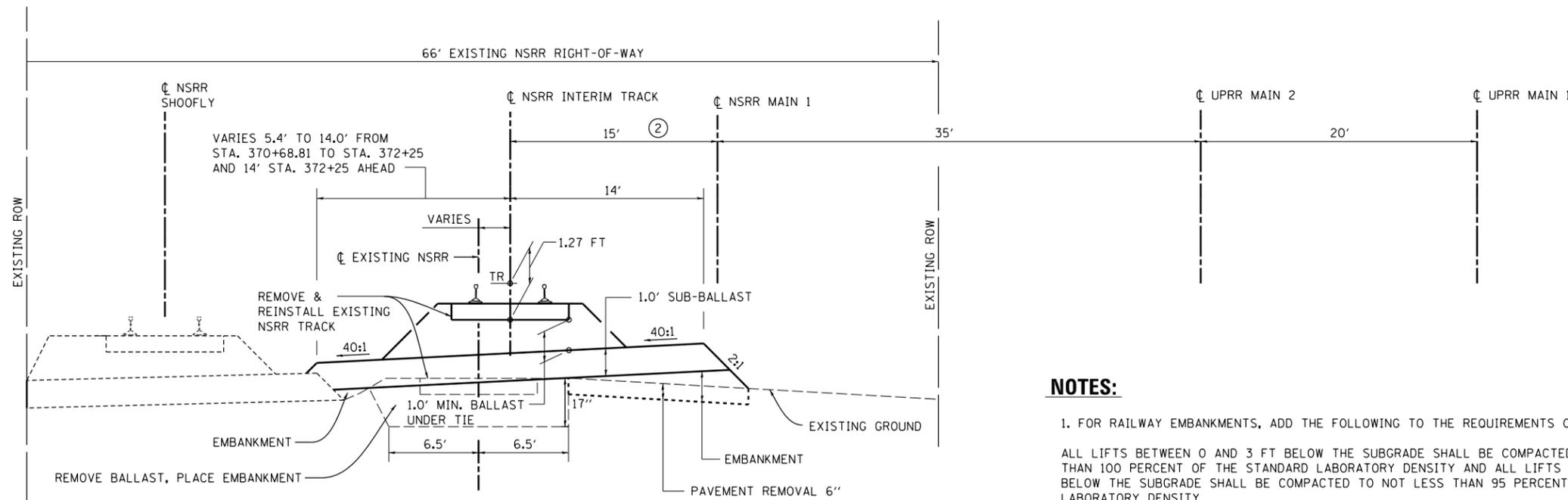


NSRR INTERIM TRACK
CUT OVER LOCATIONS

STA. 367+21.11 TO STA. 370+45.41
STA. 384+09.39 TO STA. 386+39.69
LOOKING SOUTH (RR WEST)

LEGEND

- ① VARIES 17.64' TO 16.24' FROM STA. 367+21.11 TO STA. 370+45.41 AND 0.93' TO 15.43' LT STA. 384+09.39 TO STA. 386+39.69
- ② VARIES 16.24' TO 15.00' STA. 370+45.41 TO STA. 373+48.48
- ③ TRACK WORK AND BALLAST WORK BY OTHERS.



NSRR INTERIM TRACK

STA. 370+45.41 TO BACK OF NORTH ABUTMENT
LOOKING SOUTH (RR WEST)

NOTES:

1. FOR RAILWAY EMBANKMENTS, ADD THE FOLLOWING TO THE REQUIREMENTS OF ARTICLE 205.06:

ALL LIFTS BETWEEN 0 AND 3 FT BELOW THE SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 100 PERCENT OF THE STANDARD LABORATORY DENSITY AND ALL LIFTS MORE THAN 3 FT BELOW THE SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT OF THE STANDARD LABORATORY DENSITY.

THE MOISTURE CONTENT OF THE SOIL SHALL BE BETWEEN 0 AND 6 PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE DETERMINED ACCORDING TO AASHTO T-99 (METHOD C).
2. IN CUT SECTIONS BENEATH RAILWAY SUBBALLAST, ADD THE FOLLOWING TO THE REQUIREMENTS OF ARTICLE 301.04:

THE CONTRACTOR SHALL SCARIFY THE TOP 12 INCHES OF SUBGRADE, ADJUST THE MOISTURE CONTENT TO BETWEEN 0 AND 6 PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE DETERMINED ACCORDING TO AASHTO T-99 (METHOD C), AND COMPACT TO NOT LESS THAN 100 PERCENT OF THE STANDARD LABORATORY DENSITY.

DESIGNED	GCN	9/6/13
DRAWN	CLG	9/27/13
REVIEWED	GCN	10/9/13

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PLOT DATE = 10/09/2013		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

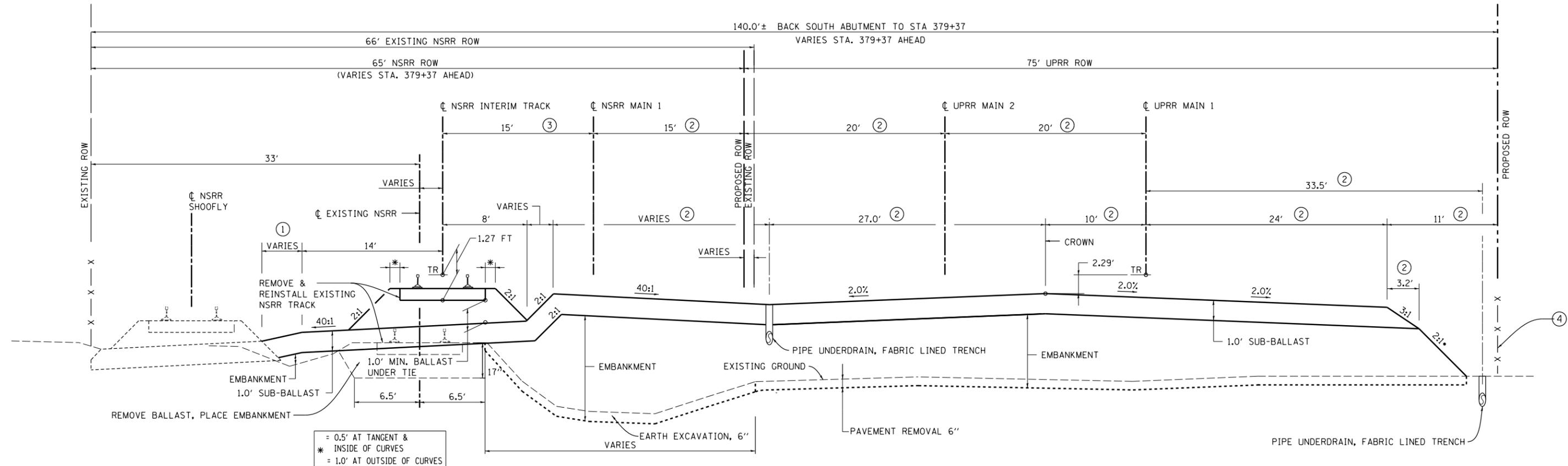
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - NSRR INTERIM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	23
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.



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LEGEND

- ① EXTEND SUB-BALLAST TO MEET TOP OF NSRR SHOOFLY SUB-BALLAST.
- ② DIMENSIONS ARE PERPENDICULAR TO ϕ UPRR MAIN 1.
- ③ VARIES 15.00' TO 0.93' STA. 379+37.21 TO STA. 384+09.39
- ④ CHAIN LINK FENCE 8' STA. 375+71.50 TO STA. 386+75.50

NSRR INTERIM TRACK

NSRR INTERIM TRACK BACK SOUTH ABUTMENT TO STA. 384+09.39
 UPRR MAIN TRACK BACK SOUTH ABUTMENT TO STA. 47733+35.92
 LOOKING SOUTH (RR WEST)

- VARY SLOPE UP TO 1.75V : 1H TO KEEP TOE OF EMBANKMENT 5' FROM ROW, STA. 382+50.00 TO STA. 383+60.00

NOTES:

1. FOR RAILWAY EMBANKMENTS, ADD THE FOLLOWING TO THE REQUIREMENTS OF ARTICLE 205.06:
 ALL LIFTS BETWEEN 0 AND 3 FT BELOW THE SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 100 PERCENT OF THE STANDARD LABORATORY DENSITY AND ALL LIFTS MORE THAN 3 FT BELOW THE SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT OF THE STANDARD LABORATORY DENSITY.
 THE MOISTURE CONTENT OF THE SOIL SHALL BE BETWEEN 0 AND 6 PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE DETERMINED ACCORDING TO AASHTO T-99 (METHOD C).
2. IN CUT SECTIONS BENEATH RAILWAY SUBBALLAST, ADD THE FOLLOWING TO THE REQUIREMENTS OF ARTICLE 301.04:
 THE CONTRACTOR SHALL SCARIFY THE TOP 12 INCHES OF SUBGRADE, ADJUST THE MOISTURE CONTENT TO BETWEEN 0 AND 6 PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE DETERMINED ACCORDING TO AASHTO T-99 (METHOD C), AND COMPACT TO NOT LESS THAN 100 PERCENT OF THE STANDARD LABORATORY DENSITY.

DESIGNED	GCN	9/6/13
DRAWN	CLG	9/27/13
REVIEWED	GCN	10/9/13

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PLOT DATE = 10/09/2013		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 TYPICAL SECTIONS - NSRR INTERIM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	24
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.



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LIST OF ANTICIPATED SCHEDULES

- EARTHWORK
- SEEDING
- PAVEMENT MARKING
- COMBINATION CONCRETE CURB AND GUTTER
- SIDEWALK
- TRACK REMOVAL
- FENCING
- DRAINAGE STRUCTURE (SEE SCHEDULE SHEET 2 OF 3)
- PIPE (SEE SCHEDULE SHEET 2 OF 3)
- UTILITY ADJUSTMENTS (SEE SCHEDULE SHEET 3 OF 3)
- SIGN REMOVAL
- PROPOSED SIGNS
- PAVEMENT
- TRACKWORK
- LIGHTING
- UNDERDRAINS
- REMOVALS
- GUARDRAIL
- MISC. REMOVAL

DESIGNED	DJP	9/6/13
DRAWN	DJP	9/27/13
REVIEWED	JWM	10/9/13

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	25
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				



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DRAINAGE STRUCTURE SCHEDULE																		
				INLETS					MANHOLES									
LOCATION: SEE DETAIL FOR REFERENCE STATION AND OFFSET LOCATION				60240328	X6020074	X6023508	60240301	X6040205	60260100	60257900	60219540	60219570	60219000	60222270	60221100	60223800		
				TYPE B, TYPE 24 F&G	TYPE A, TYPE 3V F&G	TYPE A, SPECIAL F&G	TYPE B, TYPE 8 GRATE	FRAME AND LIDS (SPECIAL)	INLETS TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	TYPE A, 4" DIA, TYPE 24 F&G	TYPE A, 4" DIA TYPE 3V F&G	TYPE A, 4" DIA, TYPE 8 GRATE	TYPE A, 5" DIA, TYPE 3V F&G	TYPE A, 5" DIA, TYPE 1 FRAME CLOSED LID	TYPE A, 6" DIA, TYPE 1 FRAME CLOSED LID	CONNECT DRAIN PIPE TO MANHOLES, COST INCIDENTAL TO PIPE DRAIN	COMMENTS
NO.	STATION	OFFSET	FRAME ELEV	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH		
1	996+30.88	43.23 R	Match exist					1									Reset grate on existing inlet to match new curb	
2	996+54.00	29.52 R	604.42	1														
3	996+54.00	29.52 L	604.42	1														
4	996+64.00	29.52 R	604.22								1							
5	996+64.00	29.52 L	604.22								1							
6	997+64.00	30.20 R	600.73		1													
7	997+64.00	30.20 L	600.73		1													
8	998+64.00	30.20 R	594.64		1													
9	998+64.00	30.20 L	594.64		1													
10	999+41.00	30.20 R	591.37		1													
11	999+41.00	30.20 L	591.37		1													
12	999+88.00	30.20 R	590.82								1							
13	999+88.00	30.20 L	590.82								1							
14	999+94.00	30.20 R	590.83								1							
15	999+94.00	30.20 L	590.83								1							
16	1000+40.00	30.20 R	591.49									1						
17	1000+40.00	30.20 L	591.49									1						
18	1001+40.00	30.20 R	596.50		1								1					
19	1001+40.00	30.20 L	596.50		1													
20	1002+40.00	30.20 R	602.29		1									1				
21	1002+40.00	30.20 L	602.29		1									1				
22	1003+45.00	29.52 L	606.00	1														
23	1003+40.00	29.52 R	605.87	1														
24	1003+40.00	29.52 L	605.87								1							
25	1003+63.40	43.26 L	Match exist					1									Reset grate on existing inlet to match new curb	
26	996+64.00	3.22 L	604.61											1				
27	1003+40.00	2.54 R	606.04											1				
28	996+28.00	3.22 L	605.11														Existing manhole with new pipe connections	
29	1003+83.00	2.00 R	Match exist												1		Match existing frame and invert elevations	
31	997+20.00	41.09 R	605.84			1												
32	996+64.00	46.58 R	605.00				1											
33	999+94.00	37.00 L	598.50							1							Cover for 12" pipe drain riser	
36	1002+50.00	41.09 R	606.79			1												
39	1002+50.00	41.09 L	607.00			1												
40	1003+40.00	46.58 L	606.40									1						
41	999+94.00	37.00 R	598.50				1										Cover for 12" pipe drain riser	
42	3+78.11	13.87 L	607.75												1		Connect drain pipe 12" (special)	
43	12+01.54	15.57 L	606.87												1		Connect drain pipe 12" (special)	
44	16+08.31	30.31 L	605.21												1		Connect drain pipe 12" (special)	
45	19+65.79	9.47 L	605.33					1									Adjust top to elev. 602.04	
46	379+22.08	27.25 R	607.25						1								Remove to 1' above crown of sewer	
TOTAL				4	10	3	1	2	3	1	3	4	1	2	2	1	3	

PIPE SCHEDULE											
		550A0050	550A0050	550A0120	56100800	50325379	20800150	59300100			
		STORM SEWERS CLASS A, TYPE 1, 12"	STORM SEWERS CLASS A, TYPE 1, 18"	STORM SEWERS CLASS A, TYPE 1, 24"	WATER MAIN 10"	DIRECTIONAL BORING	TRENCH BACKFILL	CONTROLLED LOW STRENGTH MATERIAL			
FROM STRUCTURE	TO STRUCTURE	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD	CU YD			
NUMBER	INV ELEV	NUMBER	INV ELEV	NUMBER	INV ELEV	NUMBER	INV ELEV	NUMBER	INV ELEV	NUMBER	INV ELEV
2	601.42	4	601.22	8							
4	601.22	26	600.80								
3	601.42	5	601.22	8							
5	601.22	26	600.80	23							
7	597.74	9	591.65	98							
9	591.65	11	588.38	75							
11	588.38	13	587.75	45							
13	588.75	15	588.75								
15	588.75	17	586.40								
17	586.40	16	586.10								
6	597.74	8	591.65	98							
8	591.65	10	588.38	75							
10	588.38	12	587.75	75							
12	588.75	14	586.70								
14	586.70	16	586.40								
21	596.29	19	593.51	98							
19	593.51	17	588.50	97							
20	596.29	18	593.51	98							
18	593.51	16	588.50	96							
16	586.00	PUMP STATION	585.9								
23	601.60	27	600.80	25							
24	601.60	27	600.80								
22	602.74	24	602.64	2							
26	600.00	28	599.04								
27	600.00	29	599.50								
Exist	Exist	5	601.22	12							
31	603.84	32	603.00	54							
32	603.00	4	601.22	15							
36	604.79	23	602.64	65							
39	604.96	40	603.40	65							
40	603.40	24	602.64								
PUMP STATION	603	29	599.5	29							
TOTAL				1161	67	226	369	13	0		

PRELIMINARY
 DESIGNED - JWM 9/6/13
 DRAWN - DJP 9/27/13
 REVIEWED - JWM 10/9/13

FILE NAME =	USER NAME = pop0275	DESIGNED - JWM	REVISED -
c:\p\se-work\do_not_delete\201014\06091798-sht-schedule-01.dgn		DRAWN - DJP	REVISED -
PLOT SCALE = 0.1667' / in.		CHECKED - JWM	REVISED -
PLOT DATE = 10/09/2013		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 SCHEDULE OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7975	13-00475-00-BR	SANGAMON	104	26
09L0179B		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.