

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	(109) VB, (110) VB-5	SANGAMON	382	1
666 ALT		ILLINOIS		CONTRACT NO. 93733

**INDEX OF SHEETS**  
SEE SHEET NO. 2

**FOR LIST OF STANDARDS**  
SEE SHEET NO. 2

**ALL BALLAST & TRACKWORK BY NSRR**

**PROPOSED HIGHWAY PLANS**  
**USABLE SEGMENT IV**  
F.A.P. ROUTE 666 ALT. (FIFTH STREET) & F.A.P. ROUTE 666 (SIXTH STREET)  
AT 10TH ST. CORRIDOR / RR UNDERPASS  
SECTION (109) VB, (110) VB-5, LRS SECTION 18-00478-00-BR  
PROJECT MFYW(203)  
STRUCTURE REPLACEMENT  
CITY OF SPRINGFIELD, SANGAMON COUNTY  
C-96-051-18

D-96-028-18

**FIFTH STREET**

FUNCTIONAL CLASSIFICATION OTHER PRINCIPAL ARTERIAL  
2019 ADT = 14,150  
2039 DHV = 2,335  
FAP ROUTE 666 ALT. FIFTH STREET RECONSTRUCTION  
DESIGN SPEED: FIFTH ST. - 35 M.P.H.

CONSTRUCTION OF SN 084-9960 TO CARRY UNION PACIFIC RAILWAY OVER 5TH STREET  
CONSTRUCTION OF SN 084-9961 TO CARRY NORFOLK SOUTHERN RAILWAY OVER 5TH STREET

**SIXTH STREET**

FUNCTIONAL CLASSIFICATION OTHER PRINCIPAL ARTERIAL  
2019 ADT = 15600  
2039 DHV = 2565  
FAP ROUTE 666 SIXTH STREET RECONSTRUCTION  
DESIGN SPEED: SIXTH ST. - 35 M.P.H.

CONSTRUCTION OF SN 084-9962 TO CARRY UNION PACIFIC RAILWAY OVER 6TH STREET  
CONSTRUCTION OF SN 084-9963 TO CARRY NORFOLK SOUTHERN RAILWAY OVER 6TH STREET

**NEW BRIDGE**  
PROP. S.N. 084-9962 (UPRR)  
SINGLE-SPAN BRIDGE, 167'-1 7/8"  
BK. TO BK. ABUTMENTS  
STA. 47848 + 71.04

**NEW BRIDGE**  
PROP. S.N. 084-9960 (UPRR)  
SINGLE-SPAN BRIDGE, 167'-1 7/8"  
BK. TO BK. ABUTMENTS  
STA. 47855 + 08.40

**STATION EQUATION**  
NSRR MAIN 1 STA. 52510 + 46.84 =  
NSRR INTERIM STA. 82510 + 46.84 =  
UPRR MAIN 1 STA. 47862 + 37.42, 55.00' LT

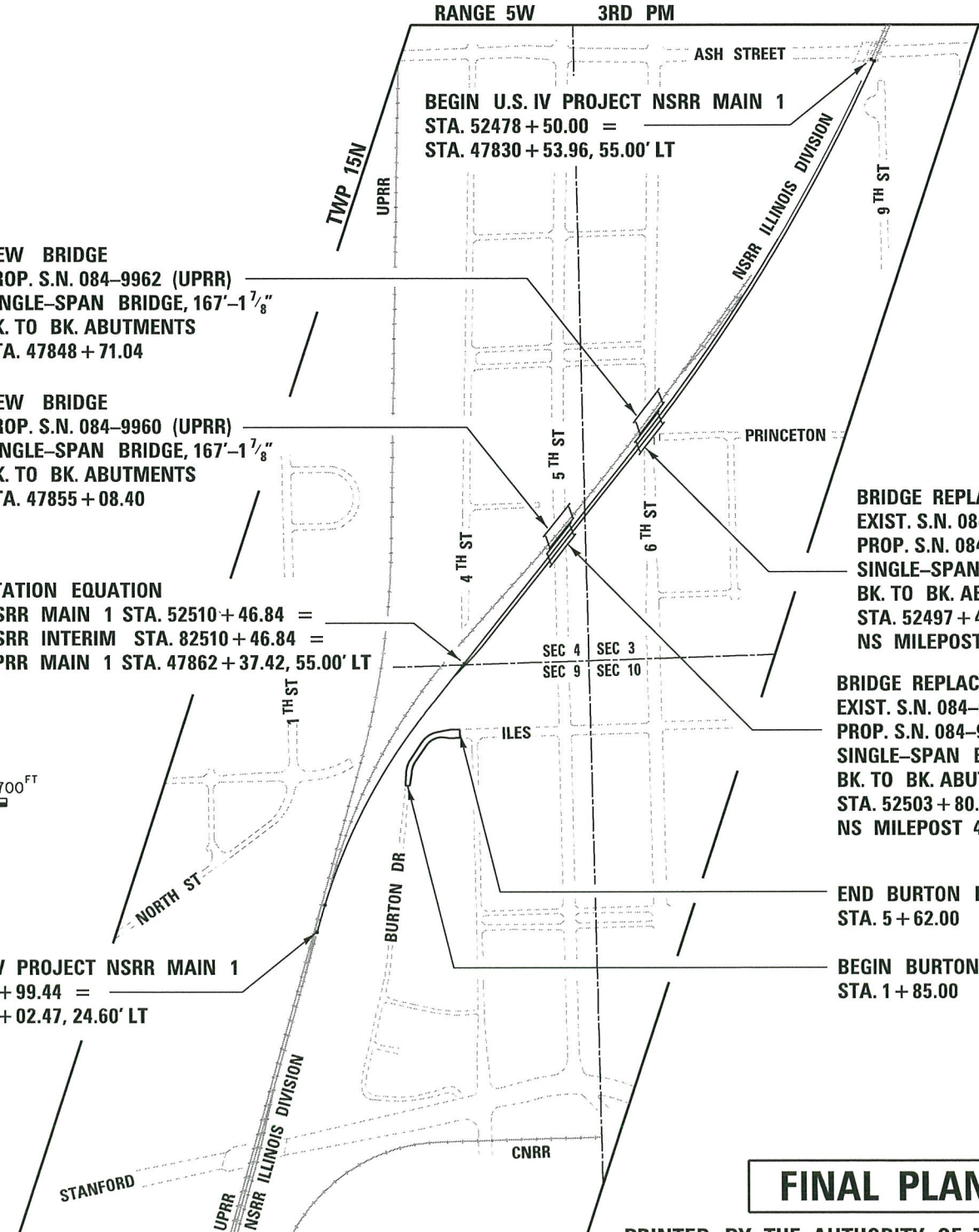
**BRIDGE REPLACEMENT**  
EXIST. S.N. 084-9901  
PROP. S.N. 084-9963 (NSRR)  
SINGLE-SPAN BRIDGE, 160'-10 7/8"  
BK. TO BK. ABUTMENTS  
STA. 52497 + 49.01  
NS MILEPOST 416.75

**BRIDGE REPLACEMENT**  
EXIST. S.N. 084-0032  
PROP. S.N. 084-9961 (NSRR)  
SINGLE-SPAN BRIDGE, 164'-10 7/8"  
BK. TO BK. ABUTMENTS  
STA. 52503 + 80.65  
NS MILEPOST 416.27

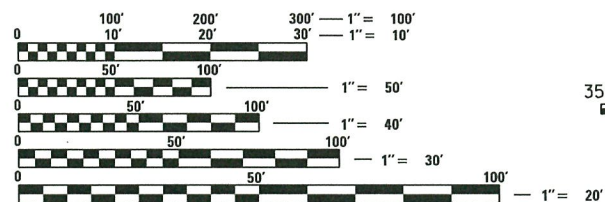
**END BURTON DRIVE**  
STA. 5 + 62.00

**BEGIN BURTON DRIVE**  
STA. 1 + 85.00

**END U.S. IV PROJECT NSRR MAIN 1**  
STA. 82523 + 99.44 =  
STA. 47876 + 02.47, 24.60' LT



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



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. 93733**

**FINAL PLANS**

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

APPROVED *June 26, 2019*  
*North Bottom* CITY ENGINEER  
APPROVED *6-27, 2019*  
*Chris L. Isbell* DISTRICT LOCAL ROADS AND STREETS ENGINEER  
APPROVED *6-27, 2019*  
*Jeffrey P. Hyman* REGION FOUR ENGINEER





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000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
420101-06	24' (7.2m) JOINTED PCC PAVEMENT
442201-03	CLASS C AND D PATCHES
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-06	PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER
602402-02	PRECAST MANHOLE TYPE A 5' (1.52 m) DIAMETER
602411-08	PRECAST MANHOLE TYPE A 7' (2.13 m) DIAMETER
602416-08	PRECAST MANHOLE TYPE A 8' (2.44 m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604036-03	GRATE TYPE 8
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-04	TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE)
630001-12	STEEL PLATE BEAM GUARDRAIL
664001-02	CHAIN LINK FENCE
665001-02	WOVEN WIRE FENCE
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
B.L.R. 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

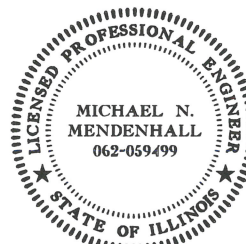
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FILE NAME = D609L0179B-sht-cover-USIV-01.dgn	USER NAME = Pop00275	DESIGNED - JWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS INDEX AND STANDARDS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 2.0000' / in.	CHECKED - JWM/MNM	REVISED -	•			(109) VB,(110) VB-5	SANGAMON	382	2	
Index	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -			09L0179B	CONTRACT NO.	93733		
						SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.	*666 & 666 ALT. ILLINOIS FED. AID PROJECT	

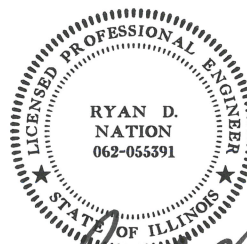





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 MICHAEL N. MENDENHALL  
 062-059499  
 LICENSED PROFESSIONAL ENGINEER  
 STATE OF ILLINOIS


SIGNATURE: *Michael N. Mendenhall*  
 DATE SIGNED: 6/26/2019  
 LISC. EXP. DATE: 11-30-2019  
 DRAWINGS: 1-20, 32-33, 40-47, 96-100, 102-105, 109-111, 142-152

  
 RYAN D. NATION  
 062-055391  
 LICENSED PROFESSIONAL ENGINEER  
 STATE OF ILLINOIS

SIGNATURE: *Ryan D. Nation*  
 DATE SIGNED: 6/26/2019  
 LISC. EXP. DATE: 11-30-2019  
 DRAWINGS: 154-158

  
 CHRISTOPHER P. KOHLRUS  
 062-046558  
 LICENSED PROFESSIONAL ENGINEER  
 STATE OF ILLINOIS

SIGNATURE: *Christopher P. Kohlrus*  
 DATE SIGNED: 6/26/2019  
 LISC. EXP. DATE: 11-30-2019  
 DRAWINGS: 21-28, 34-39, 59-61, 73-76, 101, 106-108, 112-117, 129, 153, 312-322

  
 GREGORY C. NICHELSON  
 062-057786  
 LICENSED PROFESSIONAL ENGINEER  
 STATE OF ILLINOIS

SIGNATURE: *Gregory C. Nichelson*  
 DATE SIGNED: 6/26/2019  
 LISC. EXP. DATE: 11-30-2019  
 DRAWINGS: 29-31, 48-58, 62-72, 77-95, 118-128, 130-141, 159, 323-382

FILE NAME = D609L0179B-shr-cover-USIV-01.dgn  Seal Sheet	USER NAME = Pop0275	DESIGNED - JWM DRAWN - CLG	REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT          SPRINGFIELD, SANGAMON COUNTY, ILLINOIS          SEAL SHEET</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	CHECKED - JWM/MNM	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	3	
	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -			09L0179B	CONTRACT NO. 93733			

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

\*666 & 666 ALT. ILLINOIS FED. AID PROJECT

FINAL

**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 CONSTRUCTION LIMITS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE DEPARTMENT.
- THESE PLANS HAVE BEEN PREPARED USING STANDARD SYMBOLS AS INDICATED IN THESE PLANS, AND THEY SHALL TAKE PRECEDENCE OVER THOSE SHOWN ON STANDARD 000001 IF THERE IS A CONFLICT.
- BEFORE ORDERING ANY PIPES OR DRAINAGE STRUCTURES, 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:  
 COARSE AGGREGATES - 2.05 TONS/CU YD  
 SEEDING FERTILIZER RATIO (NIT:PHOS:POT) - 90:90:90 LBS/AC  
 AGRICULTURAL GROUND LIMESTONE - 2.00 TONS/AC  
 HOT MIX ASPHALT SURFACE AND BINDER COURSES - 112 LB/SQ YD-IN  
 BITUMINOUS MATERIALS (TACK COAT) - 0.05 LB/SQ FT ON CONCRETE & MILLED OR AGED HMA SURFACES  
 BITUMINOUS MATERIALS (TACK COAT) - 0.025 LB/SQ FT BETWEEN HMA LIFTS  
 BITUMINOUS MATERIALS (PRIME COAT) - 0.25 LB/SQ FT ON AGGREGATE BASES  
 EARTHWORK SHRINKAGE FACTOR - 25%  
 SUPPLEMENTAL WATERING - 3 GAL/SQ YD/APPLICATION
- THE CONTRACTOR SHALL FIELD VERIFY 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.
- 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 NO ADDITIONAL COST TO THE DEPARTMENT, 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  
 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 UNDERDRAIN 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, EROSION CONTROL BLANKET, AND PERIMETER EROSION BARRIER WITHIN THE CONSTRUCTION LIMITS ACCORDING TO ARTICLE 280 OF THE STANDARD SPECIFICATIONS AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ALSO COMPLY WITH THE CITY OF SPRINGFIELD'S EROSION CONTROL ORDINANCE. NO ADDITIONAL COST TO THE DEPARTMENT WILL BE ALLOWED TO COMPLY WITH THIS ORDINANCE.
- 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.
- SEVERAL TRACK ALIGNMENTS ARE SHOWN ON THESE PLANS. THE ONLY TRACKS TO BE CONSTRUCTED IN THIS CONTRACT ARE THE NSRR STAGE 2B, 3B AND 4B TRACKS. THE UPRR MAIN 1 ALIGNMENT AND PROFILE ARE SHOWN FOR GRADING PURPOSES. THE UPRR MAIN 2, NSRR MAIN 1 AND NSRR MAIN 2 (FUTURE) ALIGNMENTS MAY BE SHOWN ON VARIOUS SHEETS AND ARE FOR INFORMATIONAL PURPOSES. ALL TRACK CONSTRUCTION WILL BE PERFORMED BY NSRR AND PAID FOR AS FORCE ACCOUNT WORK BY THE DEPARTMENT. THE CONTRACTOR SHALL FURNISH AND PLACE CONSTRUCTION LAYOUT STAKES FOR THE NSRR TO CONSTRUCT THEIR TRACKS.
- RAILROAD TRACK AND BALLAST WILL BE CONSTRUCTED BY NSRR. NSRR WILL RELOCATE/ADJUST EXISTING COMMUNICATION LINE THAT RUNS PARALLEL TO THE EXISTING TRACK. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH NSRR FOR THESE ITEMS.
- THE CONTRACTOR SHALL HAVE AND FOLLOW A SAFETY PLAN THAT CONFORMS TO ALL APPLICABLE OSHA AND FRA GUIDELINES.
- THE CONTRACTOR'S 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.
- ABANDONED UNDERGROUND UTILITIES AND ASSOCIATED VALVES, METERS, HYDRANTS, AND OTHER APPURTENANCES THAT CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND 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. FOR UTILITIES LESS THAN 12 IN. DIAMETER, THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. FOR LARGER UTILITIES, REMOVAL AND DISPOSAL OF APPURTENANCES SHALL BE INCLUDED IN THE COST OF UTILITY MAIN REMOVAL.
- 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.

- ALL WORK TO BE PERFORMED ON, OVER, UNDER, OR ADJACENT TO THE RAILROAD RIGHT-OF-WAY SHALL COMPLY WITH THE NORFOLK SOUTHERN RAILWAY COMPANY ("RAILROAD", "NSR" OR "NS") PUBLIC PROJECTS MANUAL APPENDIX E, SPECIAL PROVISIONS FOR THE PROTECTION OF RAILWAY INTERESTS, AND APPENDIX H2, UNDERPASS GRADE SEPARATION DESIGN CRITERIA). WHEN IN CONFLICT WITH OTHER PROJECT SPECIFICATIONS, THE MOST STRINGENT ONE SHALL APPLY.
- ONE CALL SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATION LINES. THE CONTRACTOR SHALL CONTACT THE RAILROAD'S REPRESENTATIVE 48 HOURS IN ADVANCE OF WORK AT THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE THE RAILROAD'S UNDERGROUND FACILITIES.
- ALL UTILITY INSTALLATIONS OR RELOCATIONS THAT ARE REQUIRED IN CONJUNCTION WITH THIS PROJECT & OCCURRING ON OR CROSSING CURRENT NS RIGHT-OF-WAY CAN BE INSTALLED OR RELOCATED AS PART OF THE PROJECT PROVIDED THE CONSTRUCTION IS PERFORMED BY THE UTILITY COMPANY, THE PROJECT CONTRACTOR, OR THE SUB-CONTRACTOR OF THE UTILITY OR PROJECT CONTRACTOR. HOWEVER, THE UTILITY MUST SUBMIT AN APPLICATION FOR THE INSTALLATION OR RELOCATION TO AECOM FOR APPROPRIATE HANDLING FOR LICENSE AGREEMENT AND APPLICABLE FEES. UTILITY FEE APPLICATION FEES CAN BE FOUND AT [www.nspipeandwire.com/](http://www.nspipeandwire.com/) NOTE: LICENSE AGREEMENT MUST BE EXECUTED PRIOR TO UTILITY BEING INSTALLED OR RELOCATED. UTILITY COMPANIES MUST OBTAIN RIGHT-OF-WAY ENTRY AGREEMENTS FOR THEIR WORK.
- ALL E-MAIL CORRESPONDENCE WITH NORFOLK SOUTHERN SHOULD USE THE SUBJECT LINE "SUBJECT" - SPRINGFIELD IL - NS FILE BR0020537 & BR0020536 - USABLE SEGMENT IV - DH-416.27 & 416.15 . THE SUBJECT LINE SHOULD BE SPECIFIED TO THE BRIDGE THE CORRESPONDENCE IS REFERRING TO. FAILURE TO USE SUBJECT LINE MAY RESULT IN DELAYED HANDLING OF SUBMISSIONS. JACOBS SHOULD BE CARBON COPIED ON ALL E-MAIL CORRESPONDENCE. PLEASE CARBON COPY PROJECT MANAGER TERRANCE BERRY (Terrence.Berry@jacobs.com AND Charles.Berry@nscorp.com)
- WHEN THE PROJECT REQUIRES MORE THAN 30 CONSECUTIVE DAYS OF FLAGGING. THE CITY WILL PROVIDE THE FLAGMAN A SMALL WORK AREA WITH A DESK / COUNTER AND CHAIR WITHIN THE FIELD/ SITE TRAILER, INCLUDING THE USE OF BATHROOM FACILITIES, WHERE THE FLAGMAN CAN CHECK IN/OUT WITH THE PROJECT, AS WELL AS TO THE FLAGMAN'S HOME TERMINAL. THE WORK AREA WILL PROVIDE ACCESS TO TWO (2) ELECTRICAL OUTLETS FOR RECHARGING RADIO(S) AND A LAPTOP COMPUTER; AND HAVE THE ABILITY TO PRINT OFF NEEDED DOCUMENTATION AND ORDERS AS NEEDED AT THE FIELD/SITE TRAILER. THIS SHOULD AID IN MAXIMIZING THE FLAGMAN'S TIME AND EFFICIENCY ON THE PROJECT.
- THE RAILROAD WILL BE PROVIDED AS-BUILT DRAWINGS SHOWING THE ACTUAL CLEARANCES AS CONSTRUCTED. DEPTH, SIZE AND LOCATION OF ALL FOUNDATION COMPONENTS SHALL BE SHOWN ON THE DRAWINGS.
- EXCESS PARCEL INDICATES THIS PROPERTY MAY BE USED BY THE CONTRACTOR FOR SUCH THINGS AS EQUIPMENT AND MATERIAL STORAGE. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO OCCUPYING THIS PROPERTY.
- SOLD EXCESS PARCEL INDICATES THIS PROPERTY WAS BOUGHT BY THE CITY AND SOLD TO A PRIVATE PROPERTY OWNER. THIS AREA SHALL BE USED FOR THE PURPOSES OF CONSTRUCTION ONLY FOR WHICH IT WAS OBTAINED. ONCE CONSTRUCTION IS COMPLETE IN THIS AREA, IT SHALL BE OCCUPIED SOLELY BY THE PRIVATE PROPERTY OWNER.

**UTILITY NOTES**

- INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES REPRESENTS ONLY THE OPINION OF THE DEPARTMENT AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. THE DEPARTMENT ASSUMES NO RESPONSIBILITY IN RESPECT TO THE SUFFICIENCY OR THE ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF THE UNDERGROUND UTILITY FACILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE WITHIN THE AREA. MEMBERS OF JULIE AND NON JULIE MEMBERS KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

**MEMBERS OF JULIE**

**UTILITY CONTACT INFORMATION**

CWLP (WATER) MICHAEL T. JOHNSON (217) 789-2323 x1617 401 NORTH 11TH STREET SPRINGFIELD, IL 62702	AMEREN CILCO NORTH (GAS) RICK COMBS (217) 753-5187 (W) (217) 971-0517 (M) 825 NORTH MACARTHUR SPRINGFIELD, IL 62702	SPRINT JEFF BOOKER (217) 816-7214 jeff.l.booker@sprint.com
CWLP (ELECTRIC) RICK MEADOWS (217) 321-1354 1008 EAST MILLER STREET SPRINGFIELD, IL 62702	ATT (DISTRIBUTION) JAMES DARR (217) 789-8771 1640 EAST HAZEL DELL ROAD SPRINGFIELD, IL 62703	SANGAMON COUNTY (WATER RECLAMATION DISTRICT) GREG HUMPHREY (217) 528-0491 3000 NORTH 8TH STREET SPRINGFIELD, IL 62707
COMCAST DAVID BLY (224) 229-5267 (W) (217) 306-3759 (M) 711 SOUTH DIRKSEN PARKWAY SPRINGFIELD, IL 62703	ATT (TRANSMISSION) KEN COLWELL (312) 734-2223 (W) (630) 383-9249 (M) 222 W. JACKSON STREET WOODSTOCK, IL 60098	CENTURY LINK (LEVEL 3 COMMUNICATIONS) BRYAN HANKINS (720) 480-3364 624 WHITE OAK DR. CHATHAM, IL 62629
CITY OF SPRINGFIELD (SEWER DEPARTMENT) JOHN HIGGINBOTHAM (217) 789-2255 ROOM 203 MUNICIPAL CENTER WEST 300 SOUTH SEVENTH STREET SPRINGFIELD, IL 62701		

**NON JULIE**

**UTILITY CONTACT INFORMATION**

NORFOLK SOUTHERN CORPORATION SCOTT OVERBEY- (404) 582-5588 (W) 1200 PEACHTREE STREET, NE ATLANTA GA, 30309	FIBER OPTIC SERVICE TO SPRINGFIELD PARTNERS III LLC MATTHEW R. HORTENSTINE TAYLOR LAW OFFICES, P.C. 122 EAST WASHINGTON AVENUE EFFINGHAM, ILLINOIS 62401 217-342-3925 (OFFICE) 217-540-3025 (DIRECT) 217-259-5500 (CELL) 217-342-2341 (FAX)
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FINAL

FILE NAME = D609L0179B-shr-gennote-USIV-01.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS GENERAL NOTES AND UTILITY INFORMATION</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 2.0000' / in.	CHECKED - JWM/GCN	REVISED -	*			(109) VB,(110) VB-5	SANGAMON	382	4	
GEN NOTES	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -			09L0179B	CONTRACT NO.	93733		
						SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	*666 & 666 ALT. ILLINOIS FED. AID PROJECT





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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
• Δ	20100500	TREE REMOVAL, ACRES	ACRE	14.75							14.75
•	20200100	EARTH EXCAVATION	CU YD	10330						1140	9190
•	20400800	FURNISHED EXCAVATION	CU YD	49900							49900
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	3062				1795	1267		
	20800150	TRENCH BACKFILL	CU YD	776						580	196
	20900110	POROUS GRANULAR BACKFILL	CU YD	113						113	
Δ	25000110	SEEDING, CLASS 1A	ACRE	9.75						0.50	9.25
Δ	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	882						45	837
Δ	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	882						45	837
Δ	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	882						45	837
Δ	25000700	AGRICULTURAL GROUND LIMESTONE	TON	19.6						1.0	18.6
Δ	25100115	MULCH, METHOD 2	ACRE	4.50						0.50	4.00
Δ	25100125	MULCH, METHOD 3	ACRE	2.75							2.75
Δ	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	11479							11479

\* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEMS

FINAL

FILE NAME = D609L0179B-sh-t-S00-USIV-001.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 1</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 0.1667" / 1'	CHECKED - JWM/GCN	REVISED -	•			(109) VB,(110) VB-5	SANGAMON	382	5	
PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -	09L0179B			CONTRACT NO. 93733				
Sheet 1			SCALE:			SHEET 1 OF 16 SHEETS	STA. TO STA.	666 & 666 ALT.	ILLINOIS FED. AID PROJECT	



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	975							50	925
28000305	TEMPORARY DITCH CHECKS	FOOT	207								207
28000400	PERIMETER EROSION BARRIER	FOOT	2572							405	2167
28000500	INLET AND PIPE PROTECTION	EACH	34							4	30
28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	2255								2255
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	383							383	
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	1250							1114	136
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2463							2156	307
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1353							1353	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	173							173	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	103							103	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	228							214	14
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	54							54	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	702								702

\* PAY ITEM REQUIRES A SPECIAL PROVISION

FILE NAME = D609L0179B-sht-S00-USIV-001.dgn  
Sheet 2

USER NAME = Pop00275  
DESIGNED - GCN  
DRAWN - RSJ  
PLOT SCALE = 0.1667 "/ in.  
CHECKED - JWM/GCN  
DATE - 06/26/2019

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SUMMARY OF QUANTITIES - 2

SCALE: SHEET 2 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(1091 VB,(110) VB-5	SANGAMON	382	6
09L0179B		CONTRACT NO. 93733		
666 & 666 ALT. ILLINOIS FED. AID PROJECT				

FINAL





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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	8424							8294	130
44000100	PAVEMENT REMOVAL	SQ YD	7016							1877	5139
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1065							66	999
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1828							1311	517
44000600	SIDEWALK REMOVAL	SQ FT	11212							6236	4976
44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ YD	52							52	
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	125							125	
44201357	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	218							218	
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	896							896	
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	58							58	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1						
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1				1				
50102400	CONCRETE REMOVAL	CU YD	5.7							5.7	
50105220	PIPE CULVERT REMOVAL	FOOT	30							30	

\* PAY ITEM REQUIRES A SPECIAL PROVISION

FILE NAME = D609L0179B-sht-500-USIV-001.dgn  
Sheet 3

USER NAME = Pop00275  
DESIGNED - GCN  
DRAWN - RSJ  
CHECKED - JWM/GCN  
DATE - 06/26/2019

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SUMMARY OF QUANTITIES - 3

SCALE: SHEET 3 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	7
	09L0179B	CONTRACT NO. 93733		
666 & 666 ALT. ILLINOIS FED. AID PROJECT				

FINAL



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
50200100	STRUCTURE EXCAVATION	CU YD	2064	318	228	287	246	477	395	113	
50300225	CONCRETE STRUCTURES	CU YD	1127.7	291.0	254.9	297.8	277.7			6.3	
50300285	FORM LINER TEXTURED SURFACE	SQ FT	7149					4364	2785		
50500505	STUD SHEAR CONNECTORS	EACH	1138					739	399		
50800105	REINFORCEMENT BARS	POUND	865030	224830	196960	236450	206790				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	242310	43670	37830	44350	44530	40110	28560	3260	
51100100	SLOPE WALL 4 INCH	SQ YD	601					300	301		
51500100	NAME PLATES	EACH	4	1	1	1	1				
51603000	DRILLED SHAFT IN SOIL	CU YD	1073.6	276.0	245.3	295.5	256.8				
51604000	DRILLED SHAFT IN ROCK	CU YD	690.0	182.2	157.0	188.4	162.4				
52200010	TEMPORARY SHEET PILING	SQ FT	314		314						
52200015	PERMANENT SHEET PILING	SQ FT	566			566					
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	3313							1855	1458
52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	5866					2923	2943		

\* PAY ITEM REQUIRES A SPECIAL PROVISION

FILE NAME = D609L0179B-shr-500-USIV-001.dgn  Sheet 4	USER NAME = Pop0275 DESIGNED - GCN DRAWN - RSJ PLOT SCALE = 0.1657' / 1"	REVISED - REVISIONS - CHECKED - JWM/GCN DATE - 06/26/2019	REVISED - REVISIONS - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT</b> <b>SPRINGFIELD, SANGAMON COUNTY, ILLINOIS</b> <b>SUMMARY OF QUANTITIES - 4</b>	F.A.P. RTE. SECTION (109) VB,(110) VB-5 09L0179B	COUNTY SANGAMON CONTRACT NO. 93733	TOTAL SHEETS 382	SHEET NO. 8	
	SCALE:		SHEET 4 OF 16 SHEETS			STA. TO STA.	*666 & 666 ALT. ILLINOIS FED. AID PROJECT			

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
52200200	DRILLING AND SETTING SOLDIER PILES ( IN SOIL )	CU FT	37467.9					16274.9	21193.0		
52200205	DRILLING AND SETTING SOLDIER PILES ( IN ROCK )	CU FT	34367.8					17041.0	17326.8		
52200250	UNTREATED TIMBER LAGGING	SO FT	6093					4032	2061		
52200265	SECANT LAGGING	CU FT	11739	5292	2283			2219	1945		
52200900	CONCRETE STRUCTURES ( RETAINING WALL )	CU YD	504.4					254.5	211.1	38.8	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	10								10
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	320							138	182
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	8							8	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	544							8	536
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	291								291
550B0490	STORM SEWERS, CLASS B, TYPE 2 54"	FOOT	113							113	
55100500	STORM SEWER REMOVAL 12"	FOOT	916							166	750
55100900	STORM SEWER REMOVAL 18"	FOOT	15								15
55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	110								110

\* PAY ITEM REQUIRES A SPECIAL PROVISION

FILE NAME = D68%L01798-sh-t-500-USIV-001.dgn  
Sheet 5

USER NAME = Pop00275	DESIGNED - GCN	REVISED -
DRAWN - RSJ	CHECKED - JWM/GCN	REVISED -
PLOT SCALE = 0.1667' / in.	DATE - 06/26/2019	REVISED -
PLOT DATE = 6/26/2019		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SUMMARY OF QUANTITIES - 5

SCALE: SHEET 5 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	9
	09L0179B		CONTRACT NO. 93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	716	183	163	188	182				
58700300	CONCRETE SEALER	SQ FT	16737	1790	1620	1807	1515	6046	3959		
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	699	52	44	54	52	311	165	21	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	71							71	
60100915	PIPE DRAINS 6"	FOOT	284								284
60108210	PIPE UNDERDRAINS, TYPE 2, 10"	FOOT	2859								2859
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9							2	7
60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	3								3
60221700	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 8 GRATE	EACH	2								2
60224448	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 8 GRATE	EACH	5								5
60224458	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 8 GRATE	EACH	1							1	
60224459	MANHOLES, TYPE A, 8' -DIAMETER, TYPE1 FRAME, CLOSED LID	EACH	1							1	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	7							7	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	10								10

\* PAY ITEM REQUIRES A SPECIAL PROVISION

FILE NAME = D609L01798-shr-500-USIV-001.dgn  
Sheet 6

USER NAME = Pop00275	DESIGNED - GCN	REVISED -
DRAWN - RSJ	CHECKED - JWM/GCN	REVISED -
PLOT SCALE = 0.1667' / in.	DATE - 06/26/2019	REVISED -
PLOT DATE = 6/26/2019		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SUMMARY OF QUANTITIES - 6

SCALE: SHEET 6 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	10
	09L0179B	CONTRACT NO. 93733		
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

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CODE NO:	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1							1	
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2								2
60255500	MANHOLES TO BE ADJUSTED	EACH	4							3	1
60261000	INLETS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	1							1	
60263100	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	4							4	
60500040	REMOVING MANHOLES	EACH	8							1	7
60500060	REMOVING INLETS	EACH	11							8	3
60602800	CONCRETE GUTTER, TYPE B	FOOT	147					82	65		
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1383							1355	28
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	25							25	
△ 63200310	GUARDRAIL REMOVAL	FOOT	55								55
• △ 66500105	WOVEN WIRE FENCE, 4'	FOOT	5145								5145
• △ 66501600	WOVEN WIRE GATES, 4' X 16' DOUBLE	EACH	2								2
• △ 66502000	WOVEN WIRE GATES, 4' X 24' DOUBLE	EACH	1								1

\* PAY ITEM REQUIRES A SPECIAL PROVISION △ SPECIALTY ITEMS

FILE NAME = D609L0179B-shc-S00-USIV-001.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 7</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLDT SCALE = 0.1667' / 1" =	DRAWN - RSJ	REVISED -			• (109) VB, (110) VB-5	SANGAMON	382	11	
	PLDT DATE = 6/26/2019	CHECKED - JWM/GCN	REVISED -			09L0179B	CONTRACT NO. 93733			
	DATE - 06/26/2019	REVISED -	SCALE:			SHEET 7 OF 16 SHEETS	STA. TO STA.	666 & 666 ALT. ILLINOIS FED. AID PROJECT		

FINAL

Sheet 7



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
67000400	ENGINEER'S FIELD OFFICE TYPE A	CAL MO	12							6	6
67100100	MOBILIZATION	L SUM	1							0.5	0.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	700							700	
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	3697							3697	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1630							1630	
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4							4	
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	63							49	14
Δ 72000200	SIGN PANEL - TYPE 2	SQ FT	10							10	
Δ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2							2	
Δ 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	7							7	
Δ 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	2							2	
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	108							108	
Δ 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	3923							3923	
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	16							16	

\* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEMS

FINAL FILE NAME = D60%L01798-shl-S00-USIV-001.dgn Sheet 8	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 8	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.1667' / 1"	DRAWN - RSJ	REVISED -			• (109) VB,(110) VB-5	SANGAMON	382	12	
	PLOT DATE = 6/26/2019	CHECKED - JWM/GCN	REVISED -			09L01798	CONTRACT NO. 93733			
	DATE - 06/26/2019	REVISED -	SCALE:			SHEET 8 OF 16 SHEETS	STA. TO STA.	666 & 666 ALT. ILLINOIS FED. AID PROJECT		





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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	132							132	
Δ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2								2
Δ 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	104								104
Δ 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	644								644
Δ 81200200	CONDUIT EMBEDDED IN STRUCTURE, 3/4" DIA., PVC	FOOT	201								201
Δ 81200210	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA., PVC	FOOT	375								375
Δ 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	6								6
Δ 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	4								4
Δ 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1354								1354
Δ 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	2								2
• X0320000	DRAINAGE SYSTEM, NO. 1	EACH	1	1							
• X0320002	DRAINAGE SYSTEM, NO. 2	EACH	1		1						
• X0320008	DRAINAGE SYSTEM, NO. 3	EACH	1			1					
• X0320009	DRAINAGE SYSTEM, NO. 4	EACH	1				1				

\* PAY ITEM REQUIRES A SPECIAL PROVISION Δ *SPECIALTY ITEMS*

FILE NAME = D689L01798-sht-500-USIV-001.dgn  
Sheet 9

USER NAME = Pcp00275	DESIGNED - GCN	REVISED -
DRAWN - RSJ	CHECKED - JWM/GCN	REVISED -
PLOT SCALE = 0.1667' / 1"	DATE - 06/26/2019	REVISED -
PLOT DATE = 6/26/2019		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SUMMARY OF QUANTITIES - 9

SCALE: SHEET 9 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	13
	09L0179B		CONTRACT NO. 93733	
*666 & 666 ALT. [ILLINOIS] FED. AID PROJECT				

FINAL



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	5274	2571		2703					
X0322924	RETAINING WALL REMOVAL	SQ FT	406							12	394
X0323099	RETAINING WALL REMOVAL	CU YD	13.2								13.2
X0324752	STORM SEWER TO BE FILLED	CU YD	120								120
X0326671	CONCRETE SURFACE COLOR TREATMENT	SQ FT	1110	12	12	12	12	548	514		
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	288							288	
X1200075	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	4								4
X1200107	PIPE UNDERDRAINS 6" (MODIFIED)	FOOT	949								949
X1400238	LUMINAIRE, LED, SPECIAL	EACH	24								24
X2200018	ORNAMENTAL FENCE	FOOT	812							812	
X5800110	MEMBRANE WATERPROOFING (SPECIAL)	SQ FT	24368	6212	5957	6293	5906				
X6012108	PIPE DRAINS 18" (SPECIAL)	FOOT	585								585
X6020084	MANHOLE, SPECIAL	EACH	1								1
X6020101	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID (SPECIAL)	EACH	1								1

\* PAY ITEM REQUIRES A SPECIAL PROVISION △ SPECIALTY ITEMS

FILE NAME = D68%L0179B-shr-S00-USIV-001.dgn  
Sheet 10

USER NAME = Pap00275  
PLOT SCALE = 0.1667' / in.  
PLOT DATE = 6/26/2019

DESIGNED - GCN  
DRAWN - RSJ  
CHECKED - JWM/GCN  
DATE - 06/26/2019

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SUMMARY OF QUANTITIES - 10

SCALE: SHEET 10 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	14
	09L0179B		CONTRACT NO. 93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

FINAL



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
X6024240	INLETS, SPECIAL	EACH	1								1
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	750							750	
X6640308	CHAIN LINK GATES, (SPECIAL)	EACH	2								2
X6640570	CHAIN LINK FENCE, 8' (SPECIAL)	FOOT	245								245
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1							1	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	1555							1555	
X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	24								24
XX008948	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 1	L SUM	1	1							
XX008949	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 2	L SUM	1		1						
XX008952	LUMINAIRE, DECORATIVE ELECTROLUMINESCENT LIGHT TAPE	FOOT	581								581
XX009183	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 3	L SUM	1			1					
XX009184	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 4	L SUM	1				1				
XX009316	SEWER IN METAL LINER, 48"	FOOT	70								70
XZ127900	RETAINING WALL REMOVAL	FOOT	3							3	

\* PAY ITEM REQUIRES A SPECIAL PROVISION  $\Delta$  SPECIALTY ITEMS

FILE NAME = 0609L01798-sht-500-USIV-001.dgn  
Sheet 11

USER NAME = Pop00275  
PLOT SCALE = 0.1667' / in.  
PLOT DATE = 6/26/2019

DESIGNED - GCN  
DRAWN - RSJ  
CHECKED - JWM/GCN  
DATE - 06/26/2019

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SUMMARY OF QUANTITIES - 11

SCALE: SHEET 11 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB, (110) VB-5	SANGAMON	382	15
	09L0179B	CONTRACT NO. 93733		
666 & 666 ALT. ILLINOIS FED. AID PROJECT				

FINAL





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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
• Δ	Z0002300 BALLAST	CU YD	201								201
• Δ	Z0007601 BUILDING REMOVAL NO. 1	L SUM	1								1
• Δ	Z0007602 BUILDING REMOVAL NO. 2	L SUM	1								1
• Δ	Z0007603 BUILDING REMOVAL NO. 3	L SUM	1								1
• Δ	Z0007604 BUILDING REMOVAL NO. 4	L SUM	1								1
• Δ	Z0007605 BUILDING REMOVAL NO. 5	L SUM	1								1
• Δ	Z0007606 BUILDING REMOVAL NO. 6	L SUM	1								1
• Δ	Z0007607 BUILDING REMOVAL NO. 7	L SUM	1								1
• Δ	Z0007608 BUILDING REMOVAL NO. 8	L SUM	1								1
• Δ	Z0007609 BUILDING REMOVAL NO. 9	L SUM	1								1
• Δ	Z0007610 BUILDING REMOVAL NO. 10	L SUM	1								1
• Δ	Z0007611 BUILDING REMOVAL NO. 11	L SUM	1								1
• Δ	Z0007612 BUILDING REMOVAL NO. 12	L SUM	1								1
• Δ	Z0007613 BUILDING REMOVAL NO. 13	L SUM	1								1

\* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEMS

FINAL Sheet 12	FILE NAME = D689L0179B-shr-S00-USIV-001.dgn	USER NAME = Pop00275	DESIGNED = GCN	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 12	SCALE: SHEET 12 OF 16 SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.1657' / in.	DRAWN = RSJ	REVISED -	•				(109) VB,(110) VB-5	SANGAMON	382	16	
	PLOT DATE = 6/26/2019	CHECKED = JWM/GCN	REVISED -	09L0179B				CONTRACT NO. 93733				
	DATE = 06/26/2019	REVISED -	666 & 666 ALT. ILLINOIS FED. AID PROJECT									



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
• Δ	Z0007614	BUILDING REMOVAL NO. 14	L SUM	1							1
• Δ	Z0007615	BUILDING REMOVAL NO. 15	L SUM	1							1
• Δ	Z0007616	BUILDING REMOVAL NO. 16	L SUM	1							1
• Δ	Z0007617	BUILDING REMOVAL NO. 17	L SUM	1							1
• Δ	Z0007618	BUILDING REMOVAL NO. 18	L SUM	1							1
• Δ	Z0007619	BUILDING REMOVAL NO. 19	L SUM	1							1
• Δ	Z0007620	BUILDING REMOVAL NO. 20	L SUM	1							1
• Δ	Z0007621	BUILDING REMOVAL NO. 21	L SUM	1							1
• Δ	Z0007622	BUILDING REMOVAL NO. 22	L SUM	1							1
• Δ	Z0007623	BUILDING REMOVAL NO. 23	L SUM	1						1	
• Δ	Z0007624	BUILDING REMOVAL NO. 24	L SUM	1							1
• Δ	Z0007625	BUILDING REMOVAL NO. 25	L SUM	1							1
• Δ	Z0007626	BUILDING REMOVAL NO. 26	L SUM	1							1
• Δ	Z0007124	STEEL RAILING (SPECIAL)	FOOT	882				456	426		

\* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEMS

FINAL

FILE NAME D689L0179B-sht-500-USIV-081.dgn	USER NAME Pop02/11	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 13</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Sheet 13	PLOT SCALE = 0.1667' / 1" =	DRAWN - RSJ	REVISED -		SCALE:	SHEET 13 OF 16 SHEETS	STA.	TO STA.	(109) VB,(110) VB-5	SANGAMON	382	17	
	PLOT DATE = 6/26/2019	CHECKED - JWM/GCN	REVISED -						09L0179B		CONTRACT NO. 93733		
		DATE - 06/26/2019	REVISED -						#666 & 666 ALT.	ILLINOIS	FED. AID PROJECT		



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
• Z0012455	CONCRETE STEP REMOVAL	EACH	13							13	
• Z0013798	CONSTRUCTION LAYOUT	L SUM	1							0.5	0.5
• Z0016702	DETOUR SIGNING	L SUM	1							1	
• Z0022800	FENCE REMOVAL	FOOT	2736								2736
• Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1220					623	597		
• Z0046306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	713	158	144	175	161				75
• Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1								1
• Δ Z0049801	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1								1
• Δ Z0049802	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 2	L SUM	1								1
• Δ Z0049803	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 3	L SUM	1								1
• Δ Z0049806	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 6	L SUM	1								1
• Δ Z0049808	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 8	L SUM	1								1
• Δ Z0049809	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 9	L SUM	1								1
• Δ Z0049811	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 11	L SUM	1								1

\* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEMS

FILE NAME = D689L01798-sht-S00-USIV-001.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
		DRAWN - RSJ	REVISED -
		CHECKED - JWM/GCN	REVISED -
		DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SUMMARY OF QUANTITIES - 14

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	18
	09L0179B		CONTRACT NO. 93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

SCALE: SHEET 14 OF 16 SHEETS STA. TO STA.

FINAL

Sheet 14



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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE 084-9960	5TH NSRR BRIDGE 084-9961	6TH UPRR BRIDGE 084-9962	6TH NSRR BRIDGE 084-9963	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0044	0004	0004
• Δ Z0049813	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 13	L SUM	1								1
• Δ Z0049815	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 15	L SUM	1								1
• Δ Z0049816	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 16	L SUM	1								1
• Δ Z0049818	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 18	L SUM	1								1
• Δ Z0049824	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 24	L SUM	1								1
• Δ Z0049826	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 26	L SUM	1								1
• Δ Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1								1
• Δ Z0049905	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 5	L SUM	1								1
• Δ Z0049906	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 6	L SUM	1								1
• Δ Z0049908	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 8	L SUM	1								1
• Δ Z0049913	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 13	L SUM	1								1
• Δ Z0049916	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 16	L SUM	1								1
• Δ Z0049918	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 18	L SUM	1								1
• Δ Z0049921	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 21	L SUM	1								1

\* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEMS

FILE NAME : 0629L01798-sht-S00-USIV-001.dgn	USER NAME : Dwp00275	DESIGNED : GCN	REVISED :
		DRAWN : RSJ	REVISED : -
		CHECKED : JWM/GCN	REVISED : -
		DATE : 06/26/2019	REVISED : -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SUMMARY OF QUANTITIES - 15

F.A.P. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	19
	09L0179B		CONTRACT NO. 93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

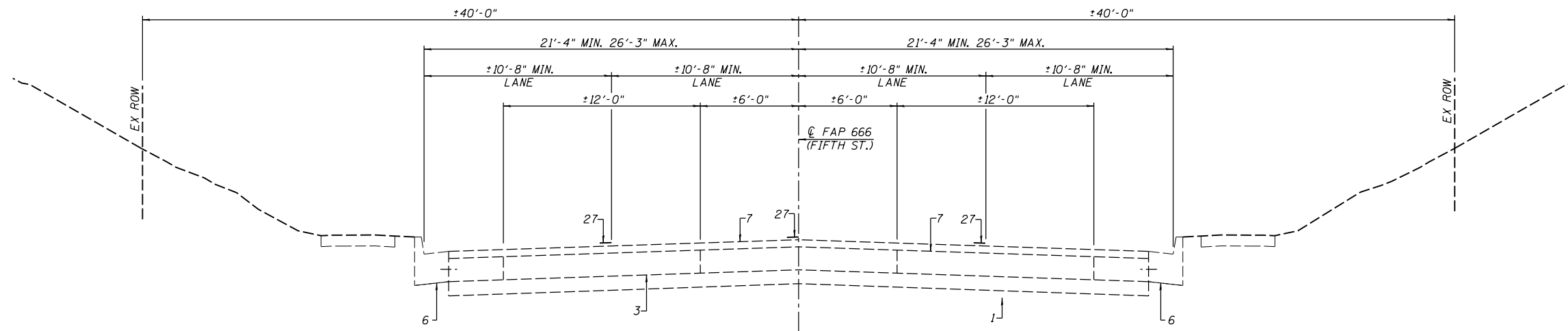
SCALE: SHEET 15 OF 16 SHEETS STA. TO STA.

FINAL

Sheet 15

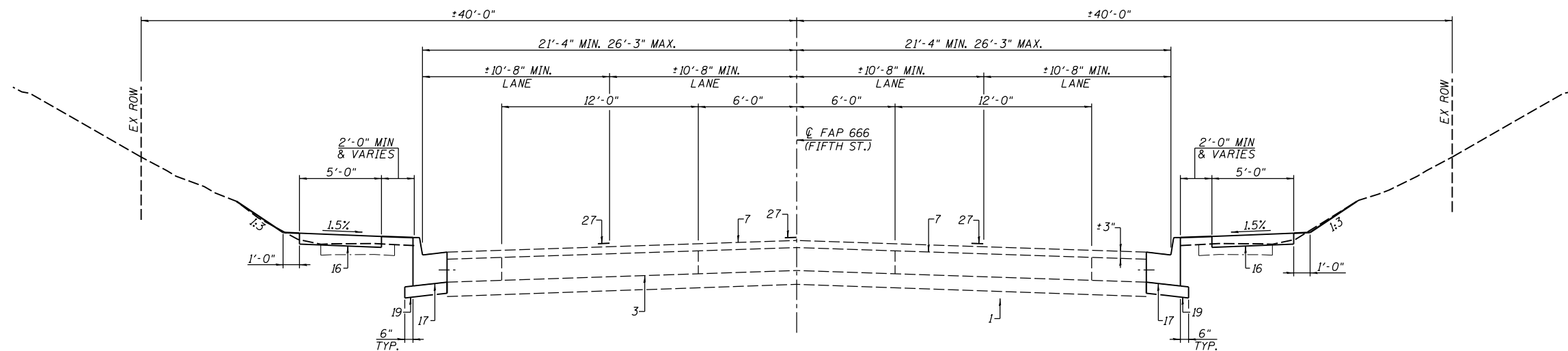






**5TH STREET EXISTING CROSS SECTION**

STA. 998+14 TO STA. 1001+73 LT.  
 STA. 998+87 TO STA. 1001+60 RT.



**5TH STREET PROPOSED CROSS SECTION**

STA. 998+14 TO STA. 1001+73 LT.  
 STA. 998+87 TO STA. 1001+60 RT.

**LEGEND**

- 1 - EXIST SUB-BASE (VARIABLE DEPTH)
- 2 - EXIST PCC BASE COURSE, 6"
- 3 - EXIST PCC BASE COURSE, 9"
- 4 - EXIST BRICK WEARING SURFACE AND SAND CUSHION (TOTAL 3" DEPTH)
- 5 - EXIST PVMT. MARKING - LINE
- 6 - EXIST COMBINATION CONCRETE CURB & GUTTER
- 7 - EXIST BITUMINOUS CONCRETE SURFACE, 3"
- 8 - EXIST BITUMINOUS CONCRETE SURFACE, 3.5"
- 9 - EXIST AGG BASE WITH OIL & CHIP SEAL
- 10 - EXIST BRICK BASE
- 11 - EXIST HMA BASE (+6 1/2")
- 12 - EXIST HMA SURFACE (+2 1/2")
- 13 - PROP AGG BASE COURSE, TYPE A (12" MIN.)
- 14 - PROP HMA BINDER COURSE, IL - 19.0, N50 (3" MIN., 5" MAX.)
- 15 - PROP HMA SURFACE COURSE, MIX "C", N50 (2")
- 16 - PROP PCC SIDEWALK 4"
- 17 - PROP COMBINATION CONCRETE CURB & GUTTER TYPE B 6.18
- 18 - PROP EARTH FILL
- 19 - PROP GRANULAR SUB-BASE MATERIAL, TYPE B 4"
- 20 - PROP CLASS C PATCH 10" WITH CALCIUM CHLORIDE
- 21 - PROP HMA SURFACE REMOVAL - BUTT JOINT (2" MAX)
- 22 - PROP STORM SEWER CLASS B, TYPE 2 54"
- 23 - PROP ORNAMENTAL FENCE
- 24 - PROP CONTROLLED LOW STRENGTH MATERIAL
- 25 - PROP TEMPORARY CONCRETE BARRIER
- 26 - PROP AGG SHOULDER TYPE B, 6"
- 27 - PROP THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- 28 - PROP TEMPORARY PAVEMENT MARKING - LINE 5"

DESIGNED  
 DRAWN  
 CHECKED  
 REVISIONS



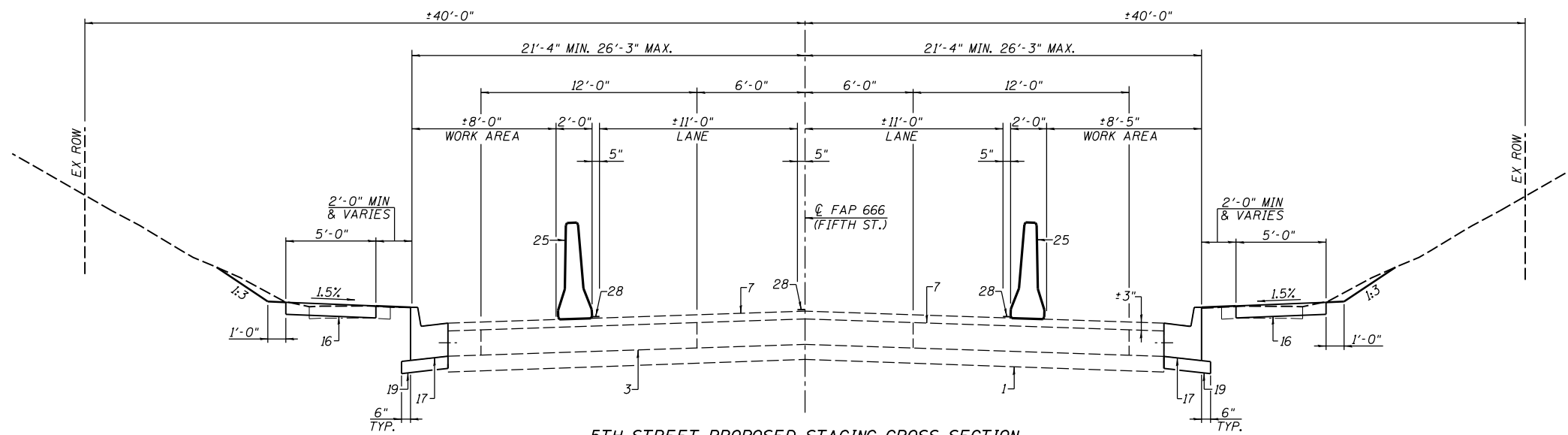
USER NAME	Pop00275	DESIGNED	-	REVISED	-
DRAWN	-	REVISIONS	-	DATE	-
PLOT SCALE	8.0000' / in.	CHECKED	-	REVISED	-
PLOT DATE	6/26/2019	DATE	06/26/2019	REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 TYPICAL SECTIONS - 5TH STREET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	21
	09L0179B	CONTRACT NO.	93733	
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				



**5TH STREET PROPOSED STAGING CROSS SECTION**  
 STA. 997+74 TO STA. 1002+13 LT.  
 STA. 998+47.5 TO STA. 1001+97 RT.

**LEGEND**

- 1 - EXIST SUB-BASE (VARIABLE DEPTH)
- 2 - EXIST PCC BASE COURSE, 6"
- 3 - EXIST PCC BASE COURSE, 9"
- 4 - EXIST BRICK WEARING SURFACE AND SAND CUSHION (TOTAL 3" DEPTH)
- 5 - EXIST PVMT. MARKING - LINE
- 6 - EXIST COMBINATION CONCRETE CURB & GUTTER
- 7 - EXIST BITUMINOUS CONCRETE SURFACE, 3.5"
- 8 - EXIST BITUMINOUS CONCRETE SURFACE, 3.5"
- 9 - EXIST AGG BASE WITH OIL & CHIP SEAL
- 10 - EXIST BRICK BASE
- 11 - EXIST HMA BASE (+6 1/2")
- 12 - EXIST HMA SURFACE (+2 1/2")
- 13 - PROP AGG BASE COURSE, TYPE A (12" MIN.)
- 14 - PROP HMA BINDER COURSE, IL-19.0, N50 (3" MIN., 5" MAX.)
- 15 - PROP HMA SURFACE COURSE, MIX "C", N50 (2")
- 16 - PROP PCC SIDEWALK 4"
- 17 - PROP COMBINATION CONCRETE CURB & GUTTER TYPE B 6.18
- 18 - PROP EARTH FILL
- 19 - PROP GRANULAR SUB-BASE MATERIAL, TYPE B 4"
- 20 - PROP CLASS C PATCH 10" WITH CALCIUM CHLORIDE
- 21 - PROP HMA SURFACE REMOVAL - BUTT JOINT (2" MAX)
- 22 - PROP STORM SEWER CLASS B, TYPE 2 54"
- 23 - PROP ORNAMENTAL FENCE
- 24 - PROP CONTROLLED LOW STRENGTH MATERIAL
- 25 - PROP TEMPORARY CONCRETE BARRIER
- 26 - PROP AGG SHOULDER TYPE B, 6"
- 27 - PROP THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- 28 - PROP TEMPORARY PAVEMENT MARKING - LINE 5"

DESIGNED  
 DRAWN  
 REVISIONS



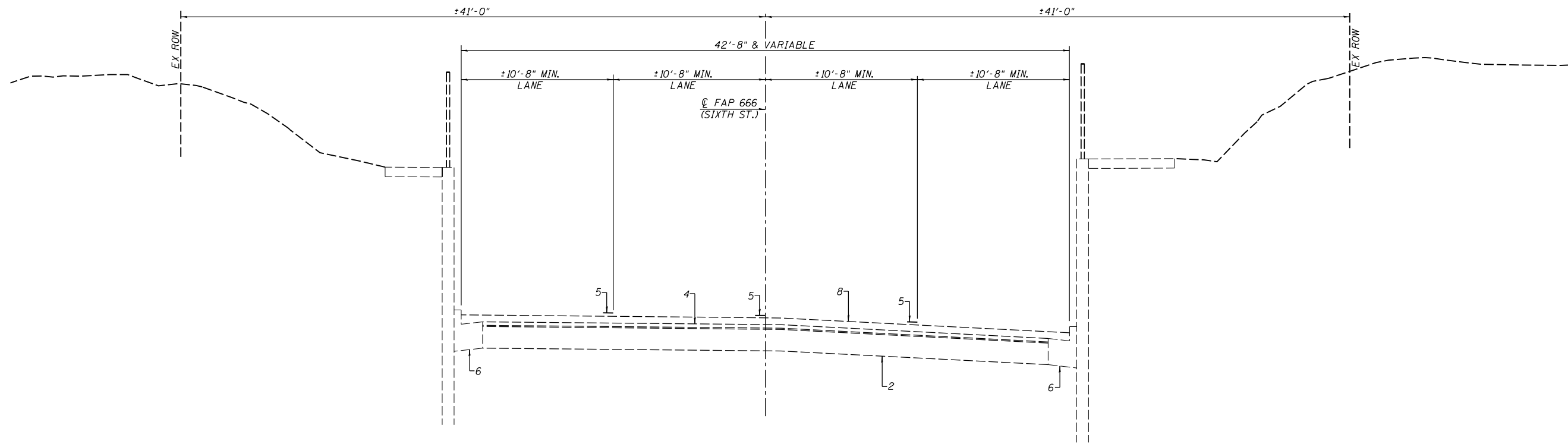
USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN - JRP	REVISED -
PLOT SCALE = 8.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 STAGING TYPICAL SECTIONS - 5TH STREET**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	22
	09L0179B	CONTRACT NO.	93733	
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				



6TH STREET EXISTING CROSS SECTION

**LEGEND**

- 1 - EXIST SUB-BASE (VARIABLE DEPTH)
- 2 - EXIST PCC BASE COURSE, 6"
- 3 - EXIST PCC BASE COURSE, 9"
- 4 - EXIST BRICK WEARING SURFACE AND SAND CUSHION (TOTAL 3" DEPTH)
- 5 - EXIST PVMT. MARKING - LINE
- 6 - EXIST COMBINATION CONCRETE CURB & GUTTER
- 7 - EXIST BITUMINOUS CONCRETE SURFACE, 3"
- 8 - EXIST BITUMINOUS CONCRETE SURFACE, 3.5"
- 9 - EXIST AGG BASE WITH OIL & CHIP SEAL
- 10 - EXIST BRICK BASE
- 11 - EXIST HMA BASE (±6½")
- 12 - EXIST HMA SURFACE (±2½")
- 13 - PROP AGG BASE COURSE, TYPE A (12" MIN.)
- 14 - PROP HMA BINDER COURSE, 1L-19.0, N50 (3" MIN., 5" MAX.)
- 15 - PROP HMA SURFACE COURSE, MIX "C", N50 (2")
- 16 - PROP PCC SIDEWALK 4"
- 17 - PROP COMBINATION CONCRETE CURB & GUTTER TYPE B 6.18
- 18 - PROP EARTH FILL
- 19 - PROP GRANULAR SUB-BASE MATERIAL, TYPE B 4"
- 20 - PROP CLASS C PATCH 10" WITH CALCIUM CHLORIDE
- 21 - PROP HMA SURFACE REMOVAL - BUTT JOINT (2" MAX)
- 22 - PROP STORM SEWER CLASS B, TYPE 2 54"
- 23 - PROP ORNAMENTAL FENCE
- 24 - PROP CONTROLLED LOW STRENGTH MATERIAL
- 25 - PROP TEMPORARY CONCRETE BARRIER
- 26 - PROP AGG SHOULDER TYPE B, 6"
- 27 - PROP THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- 28 - PROP TEMPORARY PAVEMENT MARKING - LINE 5"

DESIGNED	
DRAWN	
REVISIONS	



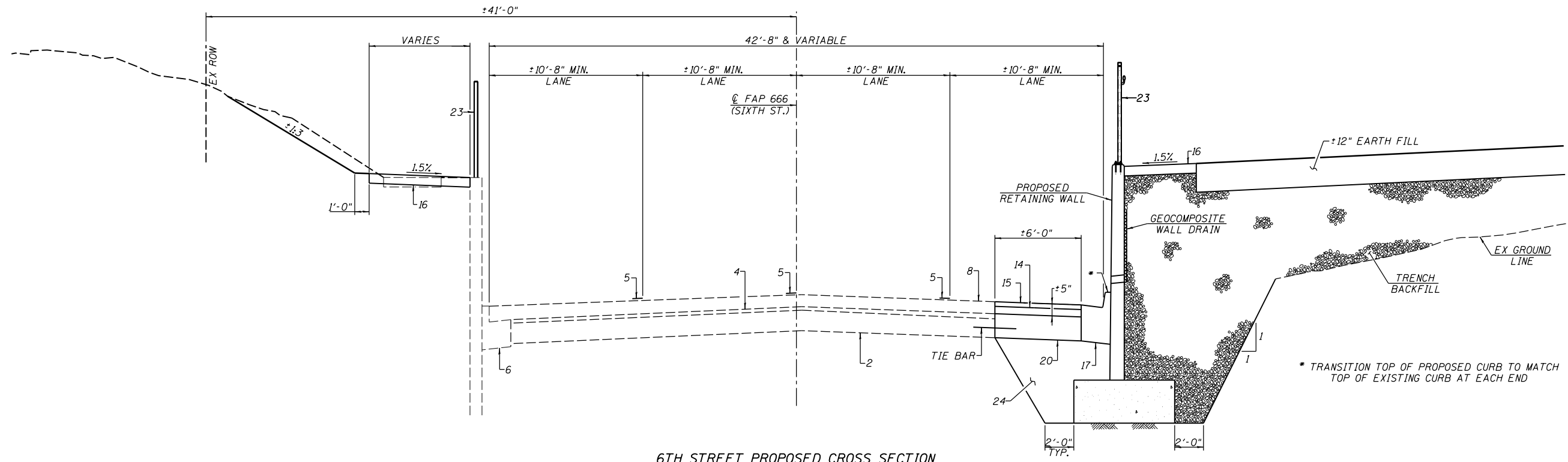
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		DRAWN	-	REVISED	-
PLOT SCALE	± 8.0000' / in.	CHECKED	-	REVISED	-
PLOT DATE	6/26/2019	DATE	06/26/2019	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

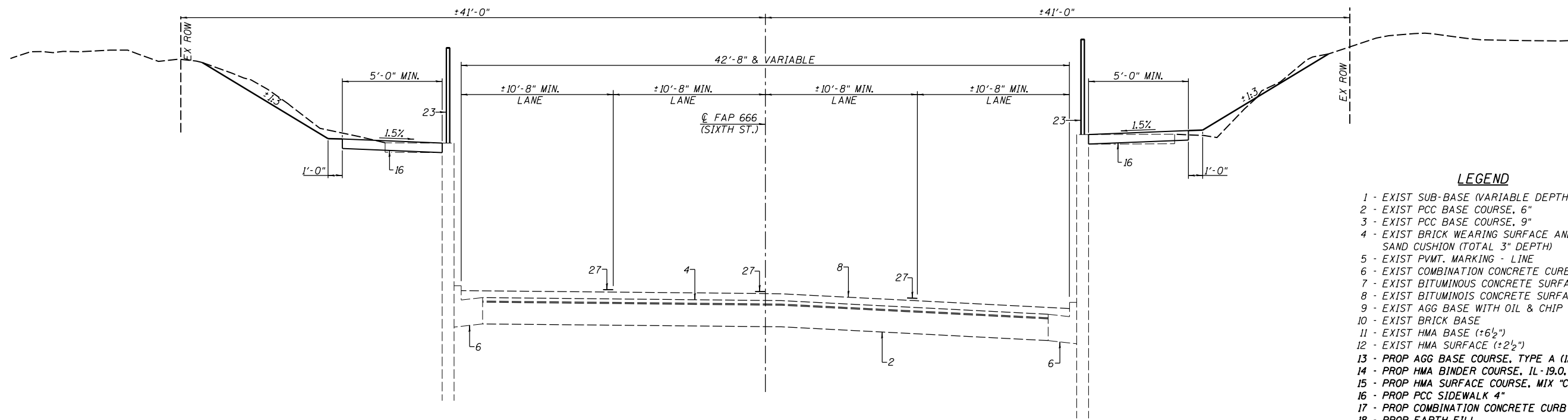
SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
TYPICAL SECTIONS - 6TH STREET -1

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	23
	09L0179B	CONTRACT NO.	93733	
ILLINOIS FED. AID PROJECT				



6TH STREET PROPOSED CROSS SECTION  
STA. 998+82.7 TO STA. 999+43.7



6TH STREET PROPOSED CROSS SECTION  
STA. 998+02 TO STA. 1000+83.2 LT.  
STA. 997+55 TO STA. 998+82.7 RT. &

**LEGEND**

- 1 - EXIST SUB-BASE (VARIABLE DEPTH)
- 2 - EXIST PCC BASE COURSE, 6"
- 3 - EXIST PCC BASE COURSE, 9"
- 4 - EXIST BRICK WEARING SURFACE AND SAND CUSHION (TOTAL 3" DEPTH)
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- 27 - PROP THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- 28 - PROP TEMPORARY PAVEMENT MARKING - LINE 5"

DESIGNED  
DRAWN  
CHECKED  
REVISED



USER NAME	Pop00275	DESIGNED	-	REVISED	-
DRAWN	-	REVISIONS	-	REVISED	-
PLOT SCALE	8.0000' / in.	CHECKED	-	REVISED	-
PLOT DATE	6/26/2019	DATE	06/26/2019	REVISED	-

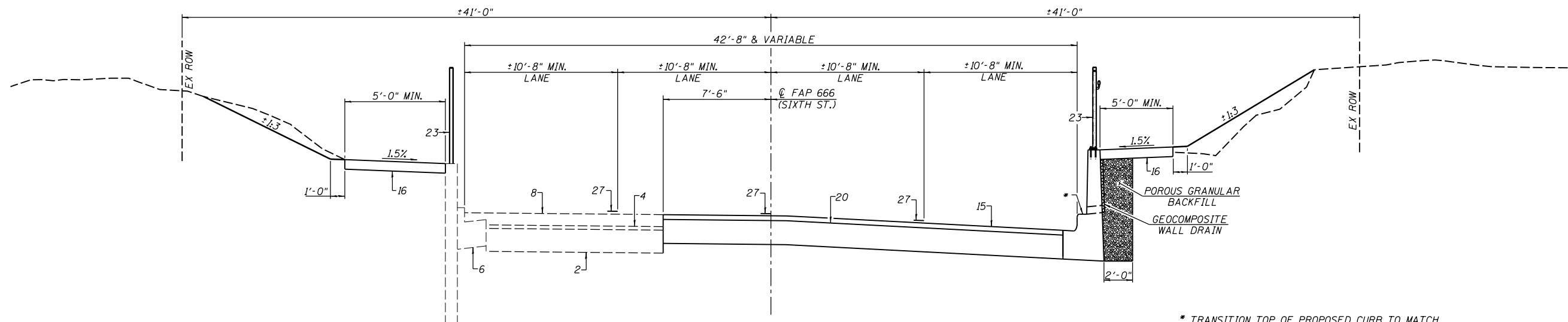
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
TYPICAL SECTIONS - 6TH STREET - 2

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

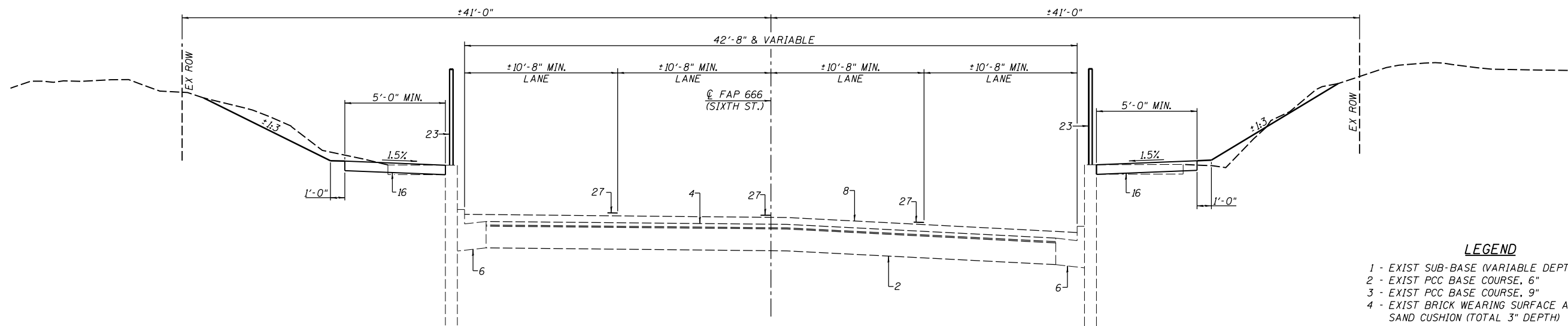
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666 & 666 ALT.	(109) VB,(110) VB-5	SANGAMON	382	24
	09L0179B	CONTRACT NO.	93733	
		ILLINOIS FED. AID PROJECT		





**6TH STREET PROPOSED CROSS SECTION**  
STA. 1001+60.7 TO STA. 1001+91.7

\* TRANSITION TOP OF PROPOSED CURB TO MATCH TOP OF EXISTING CURB AT EACH END



**6TH STREET PROPOSED CROSS SECTION**  
STA. 999+43.7 TO STA. 1001+60.7

**LEGEND**

- 1 - EXIST SUB-BASE (VARIABLE DEPTH)
- 2 - EXIST PCC BASE COURSE, 6"
- 3 - EXIST PCC BASE COURSE, 9"
- 4 - EXIST BRICK WEARING SURFACE AND SAND CUSHION (TOTAL 3" DEPTH)
- 5 - EXIST PVMT. MARKING - LINE
- 6 - EXIST COMBINATION CONCRETE CURB & GUTTER
- 7 - EXIST BITUMINOUS CONCRETE SURFACE, 3"
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- 9 - EXIST AGG BASE WITH OIL & CHIP SEAL
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- 14 - PROP HMA BINDER COURSE, IL 19.0, N50 (3" MIN., 5" MAX.)
- 15 - PROP HMA SURFACE COURSE, MIX "C", N50 (2")
- 16 - PROP PCC SIDEWALK 4"
- 17 - PROP COMBINATION CONCRETE CURB & GUTTER TYPE B 6.18
- 18 - PROP EARTH FILL
- 19 - PROP GRANULAR SUB-BASE MATERIAL, TYPE B 4"
- 20 - PROP CLASS C PATCH 10" WITH CALCIUM CHLORIDE
- 21 - PROP HMA SURFACE REMOVAL - BUTT JOINT (2" MAX)
- 22 - PROP STORM SEWER CLASS B, TYPE 2 54"
- 23 - PROP ORNAMENTAL FENCE
- 24 - PROP CONTROLLED LOW STRENGTH MATERIAL
- 25 - PROP TEMPORARY CONCRETE BARRIER
- 26 - PROP AGG SHOULDER TYPE B, 6"
- 27 - PROP THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- 28 - PROP TEMPORARY PAVEMENT MARKING - LINE 5"

**MIXTURE REQUIREMENTS**

MIXTURE USE(S)	HMA SURFACE COURSE	BINDER COURSE
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50
MIX COMPOSITION	IL 9.5	IL 19.0
FRICITION AGGREGATE	MIX "C"	N/A
QUALITY MANAGEMENT	QC/OA	QC/OA
SUB-LOT SIZE	N/A	N/A

DESIGNED  
DRAWN  
CHECKED



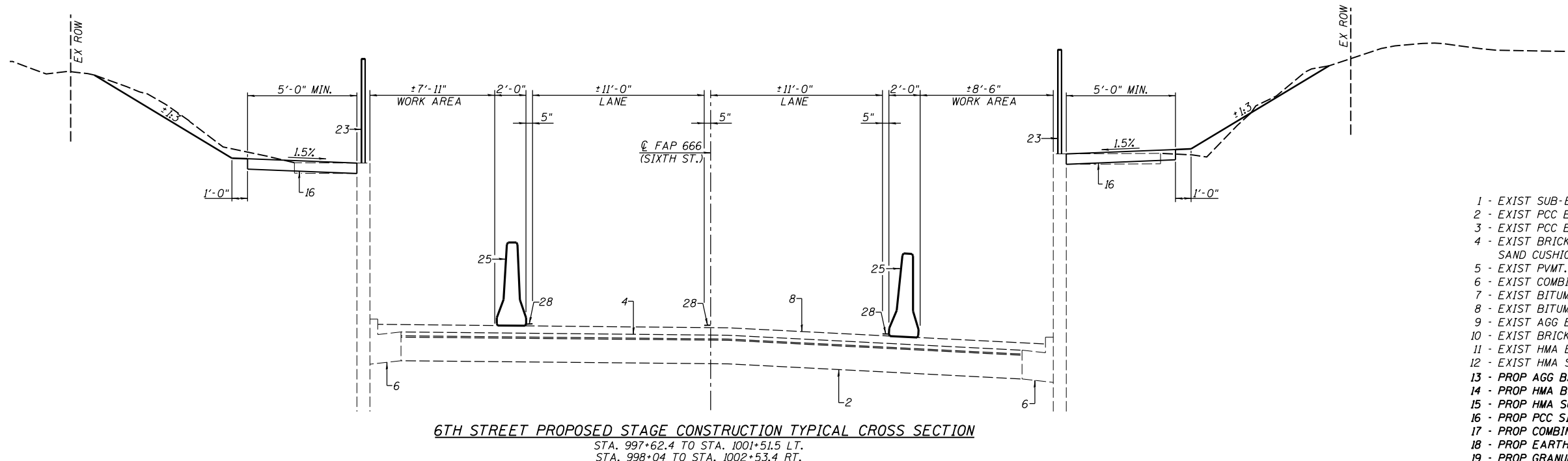
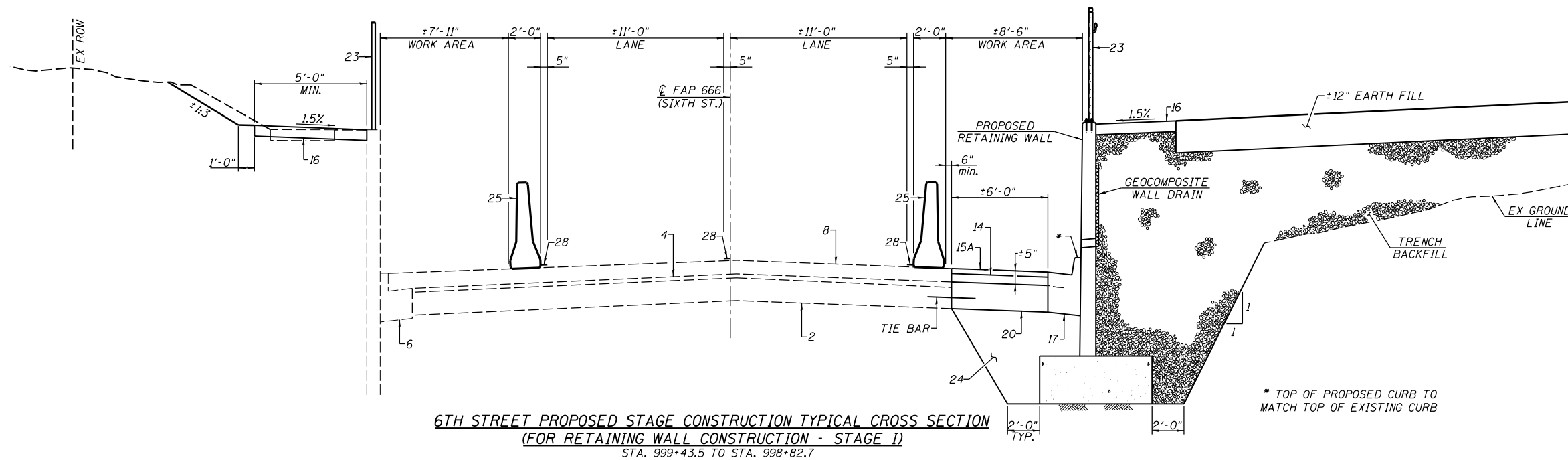
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	DATE - 06/26/2019	REVISED -

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

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT**  
**SPRINGFIELD, SANGAMON COUNTY, ILLINOIS**  
**TYPICAL SECTIONS - 6TH STREET -3**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	25
	09L0179B	CONTRACT NO.	93733	
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				



- LEGEND**
- 1 - EXIST SUB-BASE (VARIABLE DEPTH)
  - 2 - EXIST PCC BASE COURSE, 6"
  - 3 - EXIST PCC BASE COURSE, 9"
  - 4 - EXIST BRICK WEARING SURFACE AND SAND CUSHION (TOTAL 3" DEPTH)
  - 5 - EXIST PVMT. MARKING - LINE
  - 6 - EXIST COMBINATION CONCRETE CURB & GUTTER
  - 7 - EXIST BITUMINOUS CONCRETE SURFACE, 3"
  - 8 - EXIST BITUMINOUS CONCRETE SURFACE, 3.5"
  - 9 - EXIST AGG BASE WITH OIL & CHIP SEAL
  - 10 - EXIST BRICK BASE
  - 11 - EXIST HMA BASE (+6 1/2")
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DESIGNED  
DRAWN  
REVIEWED



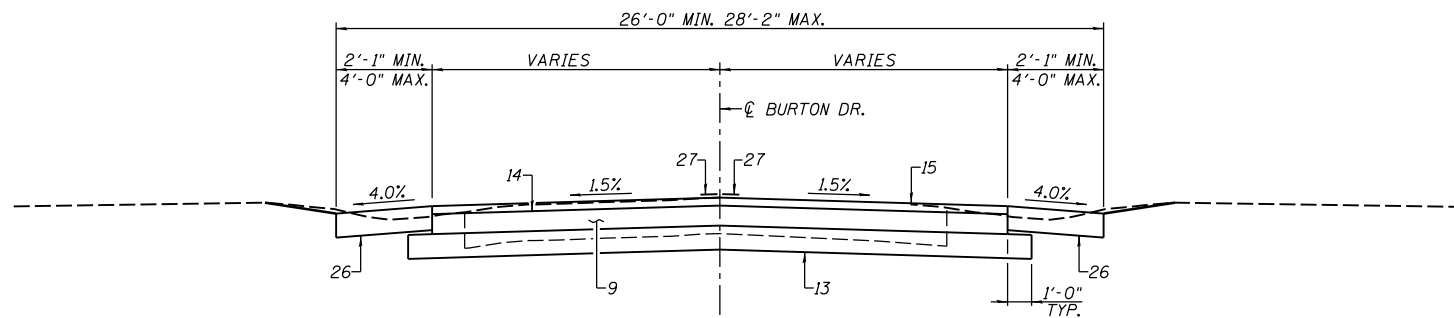
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DRAWN - JRP	REVISED -	
PLOT SCALE + 8.0000' / in.	CHECKED -	REVISED -
PLOT DATE + 6/26/2019	DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

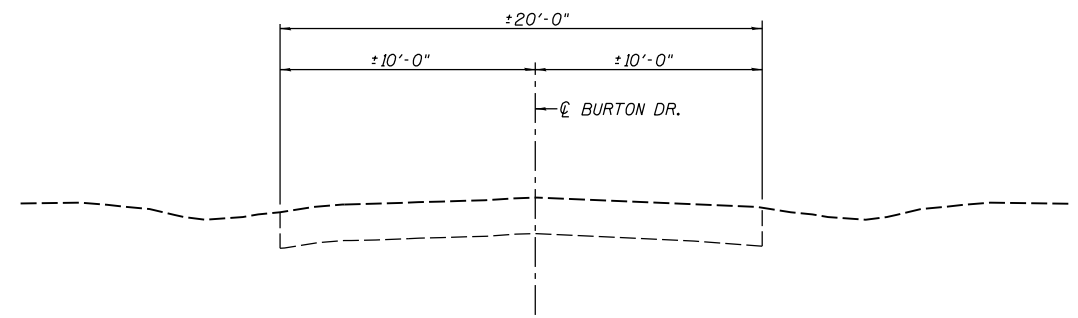
SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
STAGING TYPICAL SECTIONS - 6TH STREET

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

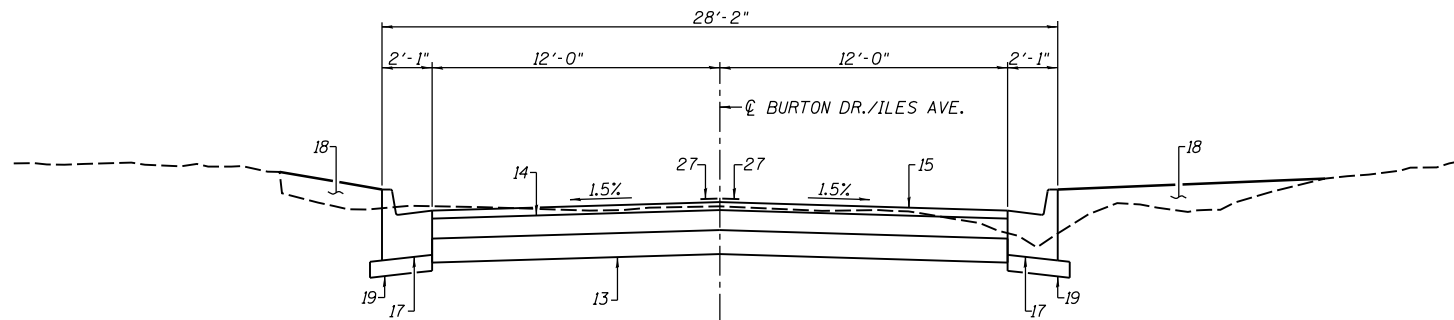
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	26
	09L0179B	CONTRACT NO.	93733	
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				



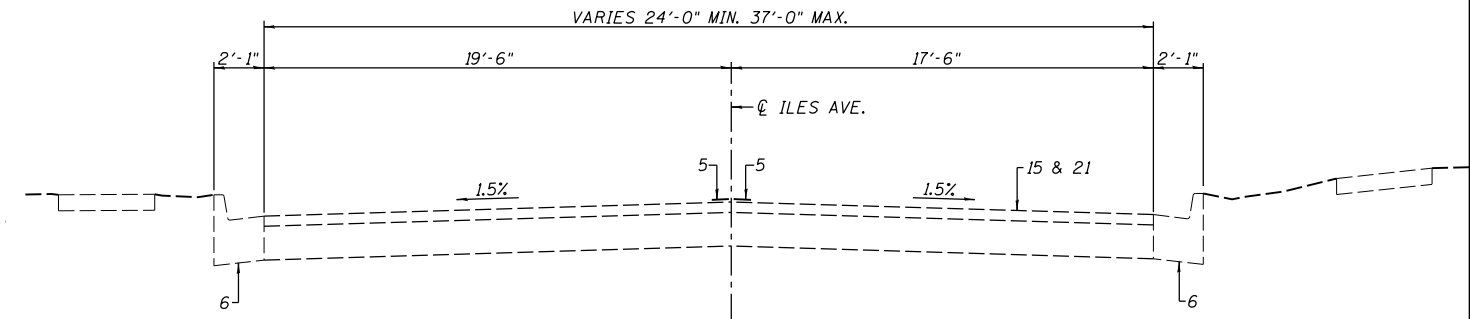
**BURTON DRIVE PROPOSED CROSS SECTION**  
STA. 1+85 TO STA. 2+50



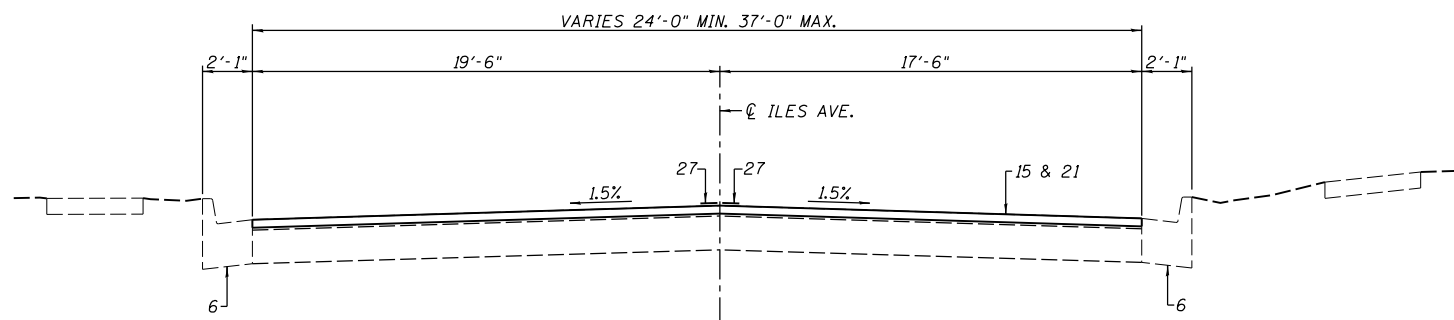
**BURTON DRIVE EXISTING CROSS SECTION**



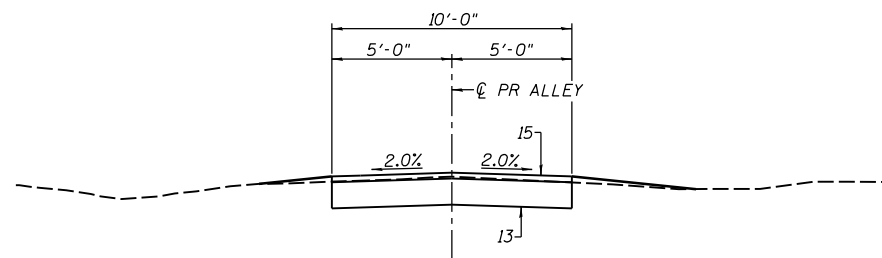
**BURTON DRIVE/ILES AVE PROPOSED CROSS SECTION**  
STA. 2+50 TO STA. 5+20



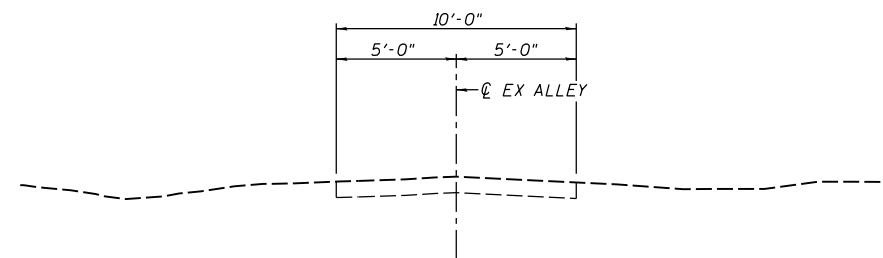
**ILES AVE EXISTING CROSS SECTION**



**ILES AVE PROPOSED CROSS SECTION**  
STA. 5+20 TO STA. 5+62



**ALLEY PROPOSED CROSS SECTION**  
@ STA. 3+70 (PR)



**ALLEY EXISTING CROSS SECTION**  
@ STA. 4+26 (EX)

**LEGEND**

- 1 - EXIST SUB-BASE (VARIABLE DEPTH)
- 2 - EXIST PCC BASE COURSE, 6"
- 3 - EXIST PCC BASE COURSE, 9"
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DESIGNED  
DRAWN  
CHECKED



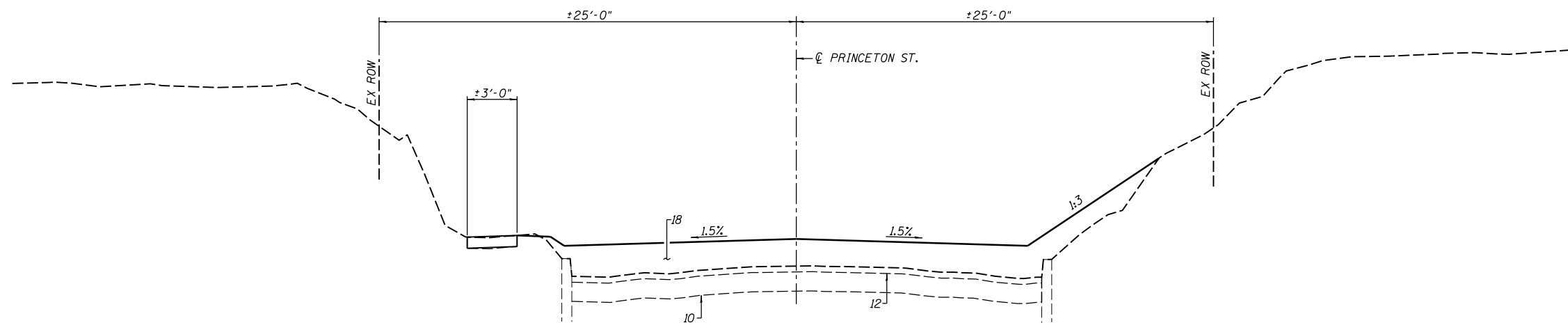
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PLOT SCALE = 8.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/26/2019	CHECKED -	REVISED -
	DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
TYPICAL SECTIONS - BURTON DRIVE, ILES & ALLEY**

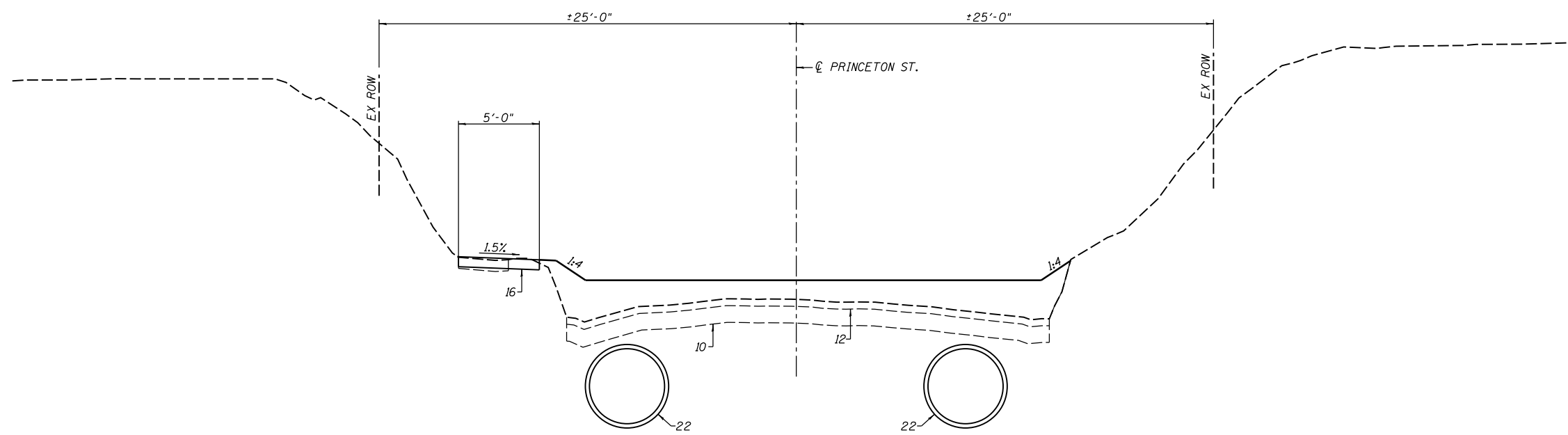
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	27
	09L0179B	CONTRACT NO.	93733	
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				



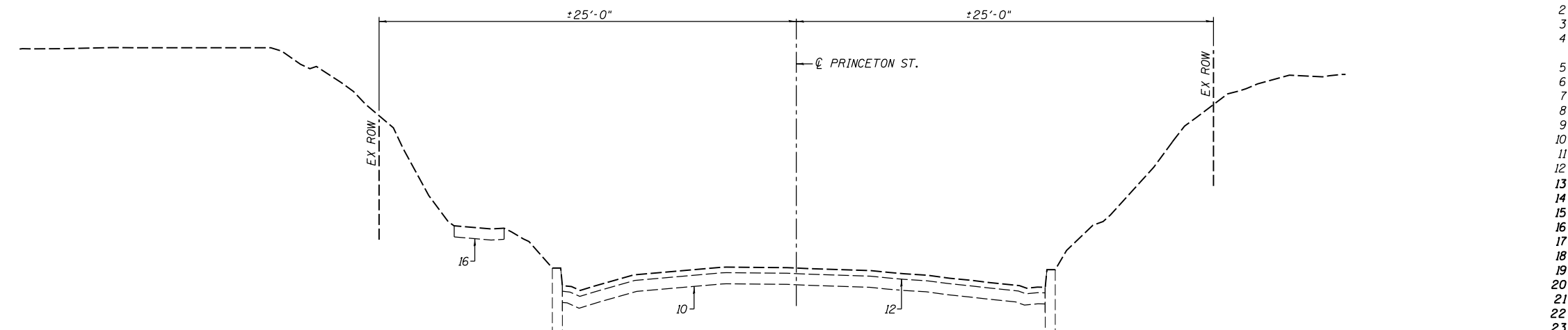
**PRINCETON AVENUE PROPOSED CROSS SECTION**

STA. 100+23 TO STA. 100+42 &  
STA. 101+07 TO STA. 101+35



**PRINCETON AVENUE PROPOSED CROSS SECTION**

STA. 100+42 TO STA. 101+07



**PRINCETON AVENUE EXISTING CROSS SECTION**

**LEGEND**

- 1 - EXIST SUB-BASE (VARIABLE DEPTH)
- 2 - EXIST PCC BASE COURSE, 6"
- 3 - EXIST PCC BASE COURSE, 9"
- 4 - EXIST BRICK WEARING SURFACE AND SAND CUSHION (TOTAL 3" DEPTH)
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DESIGNED  
DRAWN  
REVISIONS



USER NAME + Pop00275	DESIGNED -	REVISED -
PLOT SCALE + 8.0000' / in.	DRAWN -	REVISED -
PLOT DATE + 6/26/2019	CHECKED -	REVISED -
	DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

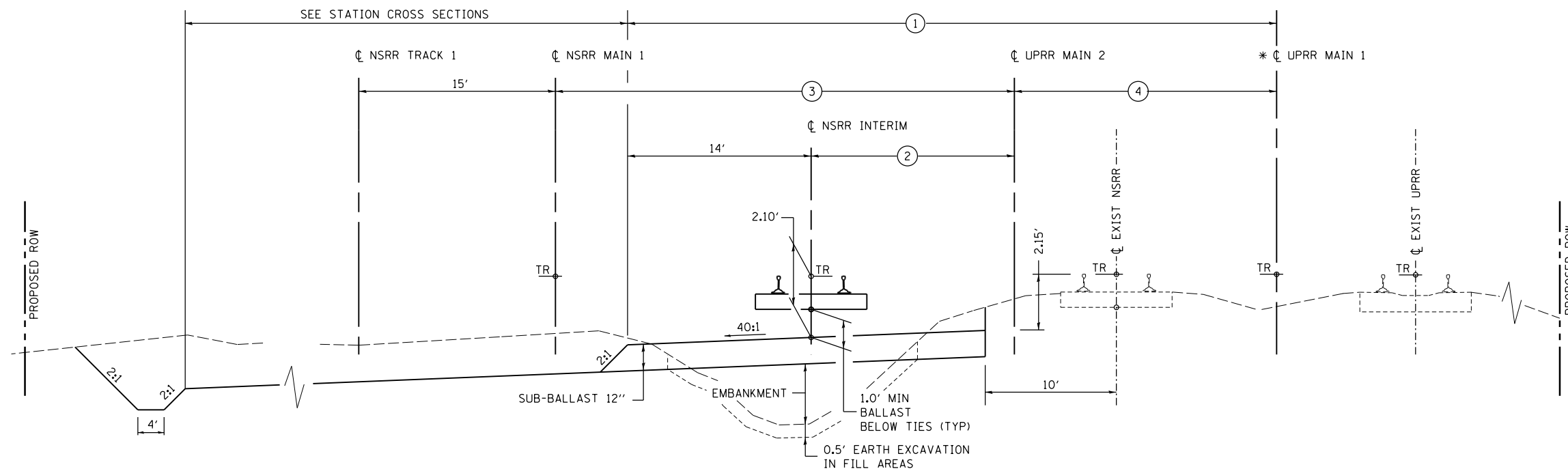
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
TYPICAL SECTIONS - PRINCETON AVE.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	28
	09L0179B		CONTRACT NO.	93733
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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### LEGEND

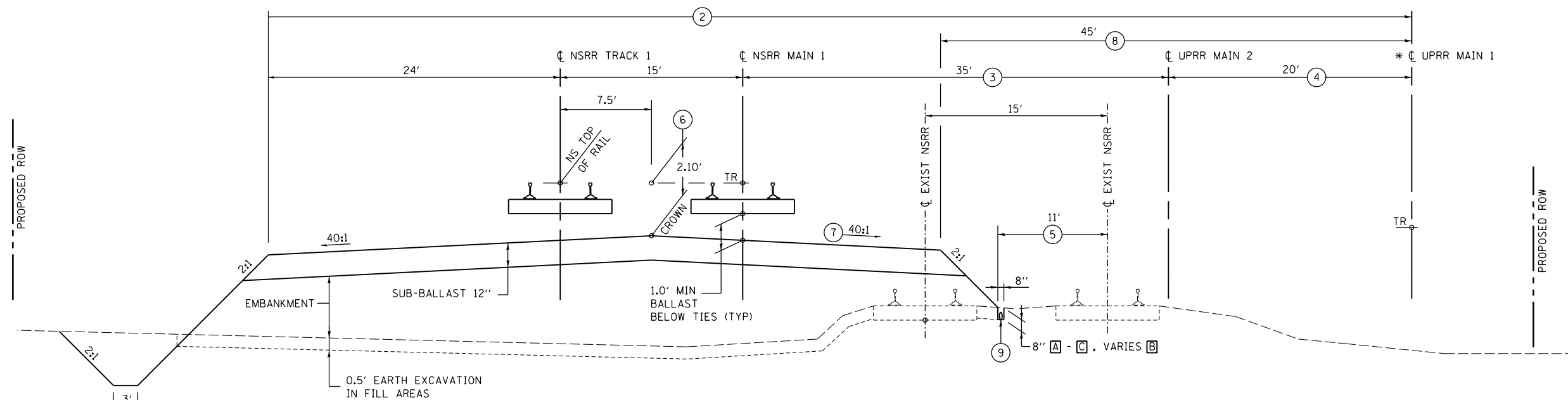
- ① TRANSITION FROM 50' AT STA. 47870+80 TO 39' AT STA. 47876+02.47
- ② VARIES FROM 19.09' AT STA. 47870+80 TO 10.0' AT 47876+02.47
- ③ VARIES FROM 23.1' AT STA. 47870+80 TO 15' AT STA. 47876+00
- ④ TRANSITION FROM 16.9' AT STA. 47870+80 TO 15' AT STA. 47876+00

### STAGE 1

UPRR MAIN 1 STA. 47870+80 TO STA. 47876+02.47  
LOOKING SOUTH (NSRR WEST)

\* = UPRR MAIN 1 IS BASELINE FOR TRACK EMBANKMENT CONSTRUCTION.

NOTE:  
ALL BALLAST AND TRACK CONSTRUCTION BY NSRR



### LEGEND

- ① EXISTING NSRR TRACK 1 TO BE REMOVED AND STOCKPILED FOR REUSE.
- ② TRANSITION FROM 94' AT STA. 47863+00 TO 58' AT STA. 47867+00, TRANSITION FROM 58' AT STA. 47867+00 TO 50' AT STA. 47870+80.
- ③ TRANSITION FROM 35' AT STA. 47863+00 TO 23.1' AT STA. 47870+00
- ④ TRANSITION FROM 20' AT STA. 47863+00 TO 16.9' AT STA. 47870+00
- ⑤ STA. 47843+80 TO STA. 47856+00 = 11' STA. 47856+00 TO STA. 47870+80 VARIES
- ⑥ TRANSITION FROM 2.10' AT STA. 47870+30 TO 2.74' AT STA. 47870+80
- ⑦ TRANSITION FROM 40:1' AT STA. 47870+30 TO 1.0' % AT STA. 47870+80
- ⑧ STA. 47843+80 TO STA. 47856+00 VARIES TRANSITION FROM 42.53 AT STA. 47856+00 TO 45' AT STA. 47856+50 45' FROM STA. 47856+50 TO STA. 47863+00 TRANSITION FROM 45' AT STA. 47863+00 TO 17.33 AT STA. 47870+80
- ⑨ PIPE UNDERDRAINS 6" (MODIFIED) PLACED AT TOE OF FILL FROM A - STA. 47844+50 TO STA. 47848+00, B - STA. 47850+50 TO STA. 47854+50, C - STA 47856+50 TO 47858+50. CONNECT TO TEMPORARY OUTLET PIPES. REMOVE PIPE UNDERDRAINS 6" (MODIFIED) DURING STAGE 4 CONSTRUCTION.

### STAGE 1

UPRR MAIN 1 STA. 47843+80 TO STA. 47870+80  
LOOKING SOUTH (NSRR WEST)

GAP AT 5TH AND 6TH STREET STRUCTURES

\* = UPRR MAIN 1 IS BASELINE FOR TRACK EMBANKMENT CONSTRUCTION.

NOTE:  
ALL BALLAST AND TRACK CONSTRUCTION BY NSRR.

FINAL

FILE NAME = D609L0179B-TYP-US4-TRACK-01.dgn  
SHEET 1

USER NAME = Pop00275  
DESIGNED - GCN  
DRAWN - CLG  
CHECKED - JWM/GCN  
DATE - 06/26/2019

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
TYPICAL SECTIONS - TRACK - 1

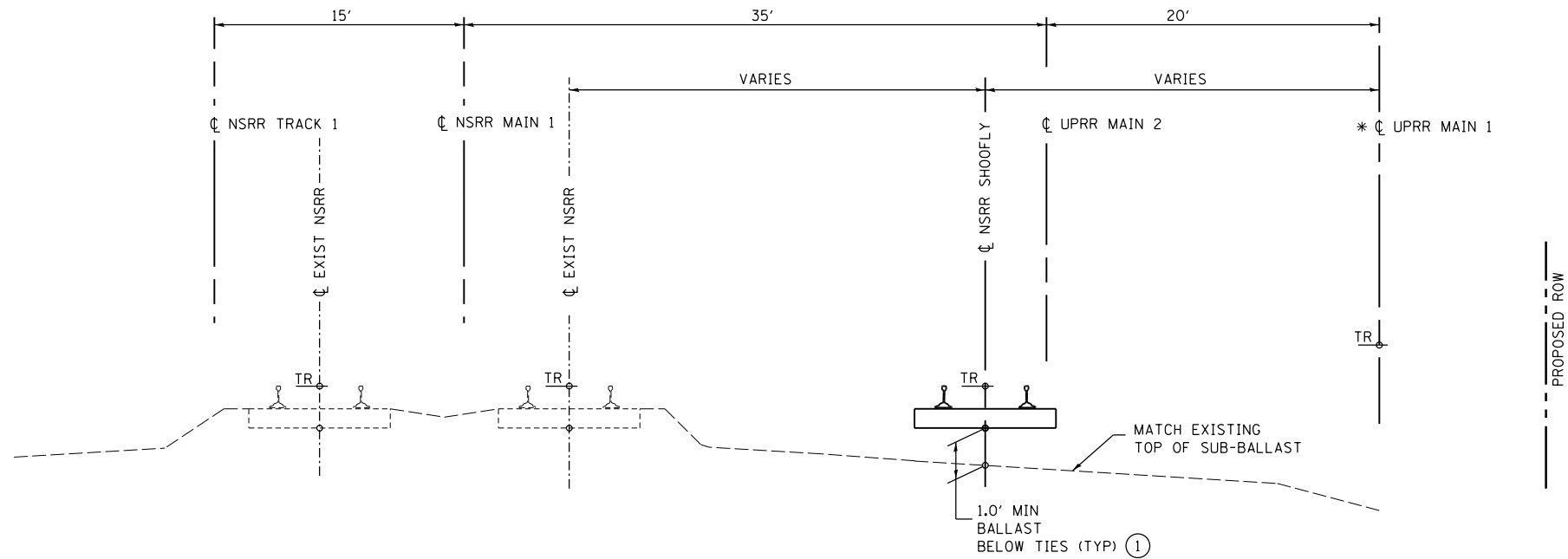
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	29
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				





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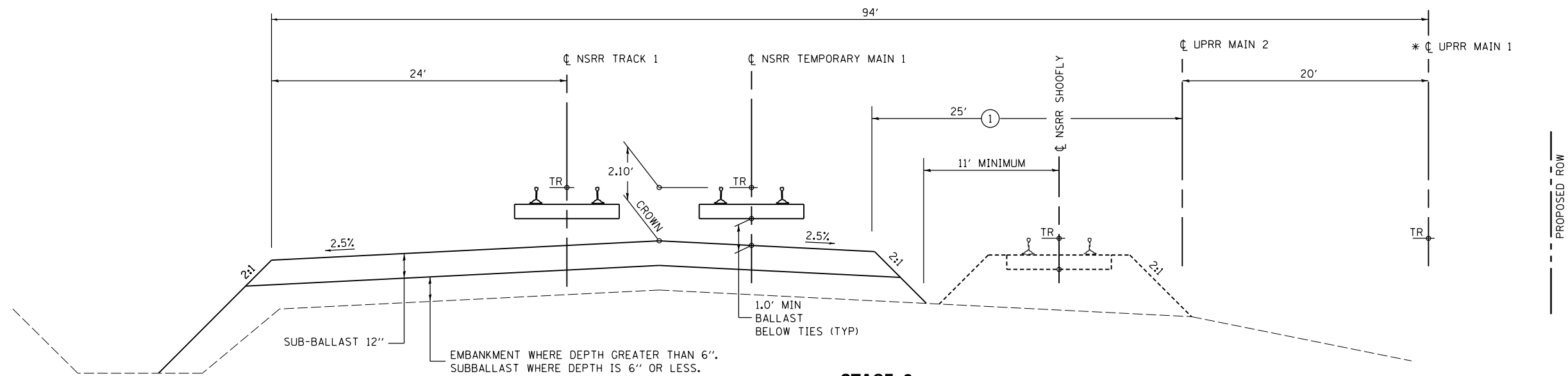
**LEGEND**

- \* = UPRR MAIN 1 IS BASELINE FOR TRACK EMBANKMENT CONSTRUCTION.
- ① BALLAST THICKNESS VARIES BETWEEN 12.0" TO 14.5" BETWEEN STA. 47843+00 TO STA. 47843+79.88

**STAGE 2 SHOOFLY**

LOOKING SOUTH (NSRR WEST)  
UPRR MAIN 1 STA. 47831+18.11 TO STA. 47843+80

NOTE:  
ALL BALLAST AND TRACK CONSTRUCTION BY NSRR.



**LEGEND**

- ① TRANSITION FROM 25' AT STA. 47843+30 TO 36' AT STA. 47843+80

- \* = UPRR MAIN 1 IS BASELINE FOR TRACK EMBANKMENT CONSTRUCTION.

**STAGE 3**

UPRR MAIN 1 STA. 47834+70 TO STA. 47843+80  
LOOKING SOUTH (NSRR WEST)

NOTE:  
ALL BALLAST AND TRACK CONSTRUCTION BY NSRR.

FINAL

FILE NAME =	D609L0179B-TYP-US4-TRACK-01.dgn
USER NAME =	Pop00275
PLOT SCALE =	10.0000" / 1in.
PLOT DATE =	6/26/2019

DESIGNED -	GCN
DRAWN -	CLG
CHECKED -	JWM/GCN
DATE -	06/26/2019

REVISED -	
REVISED -	
REVISED -	
REVISED -	

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

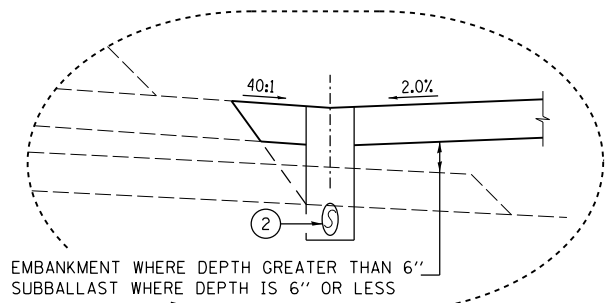
SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
TYPICAL SECTIONS - TRACK - 2

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

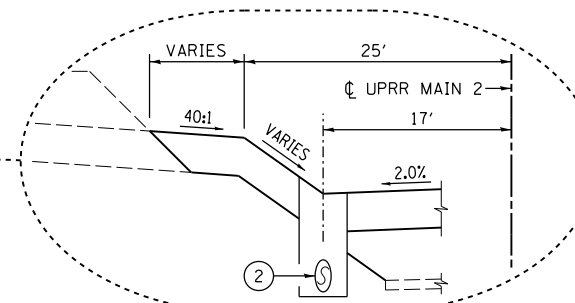
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	30
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



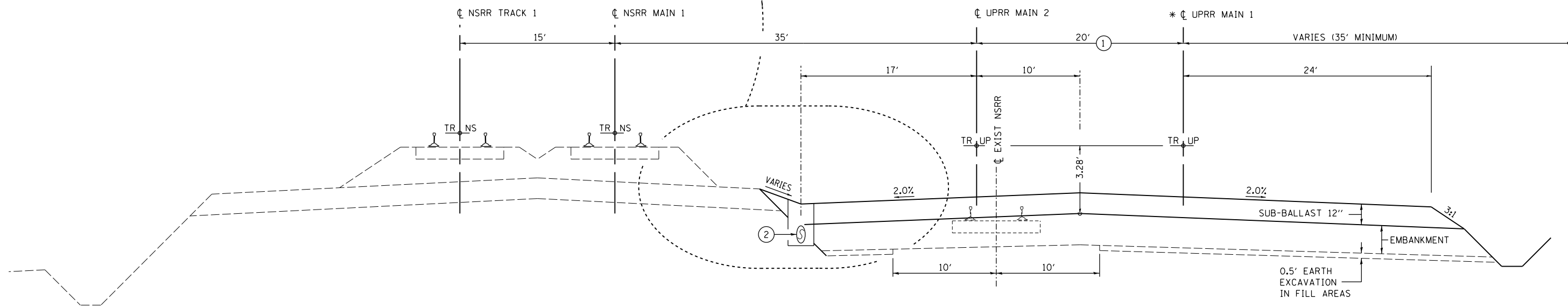
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UPRR MAIN 1 STA. 47834+50 TO STA. 47839+50



UPRR MAIN 1 STA. 47850+25 TO STA. 47856+50



### LEGEND

- ① TRANSITION FROM 20' AT STA. 47863+00 TO 15' AT STA. 47876+00.00 REMAINS 15' FROM STA. 47876+00.00 TO END.
- ② PIPE UNDERDRAIN, TYPE 2 -DEPTH AND SIZE VARIES. SEE PLAN & PROFILE FOR UNDERDRAIN PROFILE AND SIZE.

### E STAGE 4

UPRR MAIN 1 STA. 47831+10 TO STA. 47865+00  
LOOKING SOUTH (NSRR WEST)

GAP AT 5TH AND 6TH STREET STRUCTURES

\* = UPRR MAIN 1 IS BASELINE FOR TRACK EMBANKMENT CONSTRUCTION.

NOTE:  
ALL BALLAST AND TRACK CONSTRUCTION BY UPRR.

FINAL

FILE NAME = D609L0179B-TYP-US4-TRACK-01.dgn  
SHEET 3

USER NAME = Pop00275  
PLOT SCALE = 10.0000' / in.  
PLOT DATE = 6/26/2019

DESIGNED - GCN  
DRAWN - CLG  
CHECKED - JWM/GCN  
DATE - 06/26/2019

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
TYPICAL SECTIONS - TRACK - 3

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	31
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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UTILITY ADJUSTMENT SCHEDULE														
ID NO.	LOCATION					TYPE	DESCRIPTION	OWNER	OTHER FACILITY IMPACTED	TO BE REMOVED BY CONTRACTOR (1)	TO BE ADJUSTED BY CONTRACTOR	TO BE RELOCATED BY CONTRACTOR	TO BE REMOVED BY OTHERS	TO REMAIN
	MILE POST	STA	OFFSET	STA	OFFSET									
	<b>UPRR MAIN 1</b>													
1		47834+44	28 RT	47834+82	91 RT	GAS SERVICE	SERVICE TO AUDITOR GENERAL	AMEREN						X
1A		47834+38	35 RT	47834+82	91 RT	BURIED FIBER OPTIC	SERVICE TO AUDITOR GENERAL	PRIVATE						X
2		47834+55	34 RT	47834+84	90 RT	OVERHEAD FIBER OPTIC	SERVICE TO AUDITOR GENERAL	AT&T DISTRIBUTION					GUYS	POLES
3		47834+91	48 LT	47839+63	48 LT	GAS (ABANDONED)	SERVICE	AMEREN	X					
4	415.98	47838+58	130 LT	47839+71	45 RT	BURIED TELEPHONE	2-4" CREOSOTE WOOD DUCT	AT&T DISTRIBUTION	X					
5		47839+72	50 RT			POLE		CWLP					GUYS	POLE
6		47839+72	34 RT			SPLICE BOX		AT&T DISTRIBUTION					X	
7		47839+72	34 RT	47846+10	20 RT	BURIED TELEPHONE		AT&T DISTRIBUTION					X	
7A		47845+52	6 RT			SPLICE BOX		AT&T DISTRIBUTION					X	
7B		47845+64	11 RT			SPLICE BOX		AT&T DISTRIBUTION					X	
8		47844+18	30 RT	47845+56	21 RT	ASSUMED BURIED ELECTRIC	NOT SHOWN IN PLAN	PRIVATE	X					
8A		47844+18	30 RT			LIGHT POLE		PRIVATE	X					
8B		47844+83	21 RT			LIGHT POLE		PRIVATE	X					
9	416.10	47845+10	55 RT	47847+55	130 LT	OVERHEAD ELECTRIC		CWLP					X	
10		47845+56	21 RT	47847+47	12 RT	OVERHEAD ELECTRIC		CWLP					X	
11		47845+64	21 RT			LIGHT POLE		PRIVATE	X					
12		47846+71	66 LT	47846+35	115 LT	OVERHEAD ELECTRIC		CWLP					X	
13A		47847+47	12 RT	47847+27	30 RT	OVERHEAD ELECTRIC	SERVICE	CWLP					X	
13B		47847+47	12 RT	47847+38	57 RT	OVERHEAD ELECTRIC	SERVICE TO LIGHT	CWLP					LIGHT POLE	
13C		47847+47	12 RT	47848+12	63 RT	OVERHEAD ELECTRIC		CWLP					X	
13D		47848+12	63 RT	47848+54	33 RT	OVERHEAD ELECTRIC	SERVICE TO LIGHT	CWLP						X
14		47847+57	32 RT			HANDHOLE		UNKNOWN					X	
15		47847+40	74 RT			WATER MAIN	6"	CWLP						(3) (5)
16		47849+65	90 LT	47848+85	194 LT	WATER MAIN	6"	CWLP	X				VALVE	
17		47849+70	114 LT			LIGHT POLE		CWLP					X	
18	416.22	47850+61	108 RT	47853+43	130 LT	BURIED TELEPHONE		AT&T DISTRIBUTION						(3)
19	416.22	47851+43	50 RT	47854+22	193 LT	GAS MAIN	2" (4" UNDER RR)	AMEREN	X					
20		47853+10	115 LT	47854+11	183 LT	OVERHEAD ELECTRIC		CWLP					2 POLES	
21	416.26	47853+06	120 RT	47855+40	135 LT	WATER MAIN	6"	CWLP	X					
22	416.26	47853+13	76 RT	47855+64	155 LT	BURIED FIBER OPTIC	MULTI-TILE DUCT	AT&T DISTRIBUTION						X
22A		47852+93	101 RT	47853+13	76 RT	BURIED FIBER OPTIC	MULTI-TILE DUCT	AT&T DISTRIBUTION					X	
23	416.27	47853+00	120 RT	47855+92	120 LT	BURIED FIBER OPTIC		CENTURY LINK						X
23A		47853+70	63 RT			BURIED FIBER OPTIC	MANHOLE	CENTURY LINK						X
24		47853+67	122 RT			WATER MAIN	30"	CWLP						X
25		47856+22	72 LT			LIGHT POLE		CWLP					X	
25A		47854+11	123 RT	4785593.7	118 LT	BURIED ELECTRIC	LIGHT CIRCUIT	CWLP					X	
26	416.30	47855+61	45 RT	47857+52	147 LT	WATER MAIN	6"	CWLP	X					
27		47857+23	155 LT	47857+58	184 LT	GAS MAIN		AMEREN						X
28	416.30	47857+76	50 RT	47859+14	138 LT	OVERHEAD ELECTRIC		CWLP					X	
29		47858+42	81 LT	47858+89	120 LT	BURIED TELEPHONE		AT&T DISTRIBUTION					X	
30	416.44	47862+92	106 LT	47864+19	85 RT	OVERHEAD ELECTRIC		CWLP					X	
31	416.44	47863+69	15 LT	47865+74	41 LT	OVERHEAD ELECTRIC		CWLP					X	
32		47865+74	41 LT	47866+06	131 LT	OVERHEAD ELECTRIC		CWLP					X	
33A	416.39	47860+63	43 RT	47861+42	30 LT	BURIED FIBER OPTIC	ABANDONED	AT&T TRANSMISSION					X	
33B		47861+42	30 LT	47865+94	40 LT	BURIED FIBER OPTIC	ABANDONED	AT&T TRANSMISSION					X	
33C		47865+94	40 LT	47867+91	38 LT	BURIED FIBER OPTIC	ABANDONED	AT&T TRANSMISSION					X	
34A	416.40	47861+39	50 RT	47862+18	11 LT	BURIED FIBER OPTIC		AT&T TRANSMISSION					X	
34B		47862+18	11 LT	47866+01	56 LT	BURIED FIBER OPTIC		AT&T TRANSMISSION					X	
34C		47866+01	56 LT	47868+93	162 LT	BURIED FIBER OPTIC		AT&T TRANSMISSION					X	
34	416.48	47865+97	29 LT	47867+69	107 LT	BURIED FIBER OPTIC		AT&T TRANSMISSION					X	
35		47864+52	237 LT	47865+42	127 LT	WATER MAIN	6" MAIN (ILES)	CWLP						X
35A		47865+42	127 LT	47865+90	69 LT	WATER MAIN	6" MAIN (ILES)	CWLP	X				X	
36		47864+52	239 LT			FIRE HYDRANT								X
37		47864+49	245 LT	47865+57	114 LT	GAS MAIN	ILES	AMEREN						X
38		47865+57	114 LT			GAS VALVE		AMEREN						X
39	416.49	47865+57	114 LT	47867+39	68.2 RT	GAS MAIN		AMEREN						(3)
40		47866+01	56.3 LT			MANHOLE		AT&T TRANSMISSION						(2)
41		47865+84	85.5 LT	47867+84	122 LT	GAS MAIN	BURTON	AMEREN	X					
42		47865+90	69 LT	47867+64	147 LT	WATER MAIN	6" MAIN (BURTON)	CWLP	X					
43	416.51	47864+68	309 LT	47869+51	113 RT	OVERHEAD ELECTRIC		CWLP					X	
43A		47866+80	60 LT			POLE	WITH LIGHT	CWLP					X (4)	

FINAL

FILE NAME = D609L0179B-sht-sched-USIV-01.dgn  
 USER NAME = Pop00275  
 PLOT SCALE = 0.1667' / in.  
 PLOT DATE = 6/26/2019

DESIGNED - GCN  
 DRAWN - RSJ  
 CHECKED - JWM/GCN  
 DATE - 06/26/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 UTILITY ADJUSTMENT SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	32
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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UTILITY ADJUSTMENT SCHEDULE														
ID NO.	LOCATION					TYPE	DESCRIPTION	OWNER	OTHER FACILITY IMPACTED	TO BE REMOVED BY CONTRACTOR (1)	TO BE ADJUSTED BY CONTRACTOR	TO BE RELOCATED BY CONTRACTOR	TO BE REMOVED BY OTHERS	TO REMAIN
	MILE POST	STA	OFFSET	STA	OFFSET									
44A		47862+93	106	LT	47863+48	43	LT	BURIED TELEPHONE	AT&T DISTRIBUTION				X	
44B		47863+48	43	LT	47865+93	70	LT	BURIED TELEPHONE	AT&T DISTRIBUTION				X	
44C		47865+93	70	LT	47865+47	120	LT	BURIED TELEPHONE	AT&T DISTRIBUTION				X	
44D		47865+47	120	LT	47865+95	152	LT	BURIED TELEPHONE	AT&T DISTRIBUTION				X	
44E		47865+95	152	LT	47866+99	5	LT	BURIED TELEPHONE	AT&T DISTRIBUTION					(3)
44F	416.51	47866+99	5	LT	47868+14	46	RT	BURIED TELEPHONE	AT&T DISTRIBUTION					(3)
45		47866+06	131	LT	47867+69	58	LT	BURIED FIBER OPTIC	COMCAST				X	
46A		47865+81	177	LT	47866+87	31	LT	BURIED TELEPHONE	AT&T DISTRIBUTION				X	
46B		47866+87	31	LT	47867+93	37	LT	BURIED TELEPHONE	AT&T DISTRIBUTION				X	
47		47866+79	62	LT				SPLICE BOX	COMCAST				X	
48		47866+99	48.4	LT				MANHOLE	AT&T TRANSMISSION	(2)				
49	416.51	47865+63	122	RT	47870+53	124	LT	OVERHEAD ELECTIC	CWLP				X	
50	416.63	47873+90	36.5	LT				RR SIGNAL	NSRR				X	
51	416.54	47869+30	9	LT	47876+02	34	LT	BURIED FIBER OPTIC	SPRINT					X

- (1) UNLESS OTHERWISE NOTED, UTILITY REMOVAL BY CONTRACTOR IS INCLUDED IN THE COST OF EARTH EXCAVATION.
- (2) SEE REMOVAL SCHEDULES FOR QUANTITY.
- (3) ENCASUREMENT/ADJUSTMENT BY OTHERS.
- (4) LIGHT TO BE RELOCATED BY CWLP
- (5) COORDINATE WITH CWLP WATER TO ADJUST WATERMAIN DURING ROAD CLOSURE FOR SEWER CONSTRUCTION
- A TO BE ABANDONED BY UTILITY COMPANY

FINAL

FILE NAME = D609L0179B-shr-sched-USIV-01.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
		DRAWN - RSJ	REVISED -
		CHECKED - JWM/GCN	REVISED -
Sheet 1 B	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
UTILITY ADJUSTMENT SCHEDULE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(109) VB,(110) VB-5	SANGAMON	382	33
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

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

TREE REMOVAL		
LOCATION	TREE REMOVAL (6 TO 15 UNITS)	TREE REMOVAL (OVER 15 UNITS)
BURTON DRIVE		
STA. 3+28 CENTER LINE	8	
STA. 4+03 12' RT.		19

THE TREES LISTED ABOVE SHALL BE REMOVED BUT WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE TOTAL ACREAGE QUANTITY LISTED ON THIS PROJECT.

20800150 TRENCH BACKFILL	
LOCATION	TRENCH BACKFILL CU. YD.
BURTON DRIVE	
STA. 3+45 13' RT. TO STA. 3+45 13' LT.	4
STA. 3+45 13' LT. TO STA. 4+20 1' LT.	12
STA. 5+18 18' RT. TO STA. 5+18 8' LT.	4
STA. 5+18 8' LT. TO STA. 5+18 19' LT.	2
5TH STREET	
STA. 1000+03 TO STA. 1000+07 21' LT.	1
STA. 1000+03 TO STA. 1000+07 21' LT.	1
6TH STREET	
STA. 999+99 TO STA. 1000+03 21' RT.	1
STA. 999+99 TO STA. 1000+03 21' RT.	1
PRINCETON AVENUE	
STA. 100+23 TO STA. 101+08	554
TOTAL	580

20900110 POROUS GRANULAR BACKFILL	
LOCATION	CU. YD.
5TH STREET	
STA. 1002+10.3 TO STA. 1002+19.3	4
6TH STREET	
STA. 1001+46.5 TO STA. 1002+04	109
TOTAL	113

PERMANENT SEEDING						
LOCATION	25000110 SEEDING, CLASS 1A	25000400 NITROGEN FERTILIZER NUTRIENT	25000500 PHOSPHORUS FERTILIZER NUTRIENT	25000600 POTASSIUM FERTILIZER NUTRIENT	25000700 AGRICULTURAL GROUND LIMESTONE	25100115 MULCH, METHOD 2
	ACRE	POUND	POUND	POUND	TON	ACRE
BURTON DRIVE						
STA. 1+85 TO STA. 5+62 LT. & RT.	0.29	27	27	27	0.58	0.29
5TH STREET						
STA. 998+14 TO STA. 1001+73 LT.	0.05	4.5	4.5	4.5	0.10	0.05
STA. 998+87 TO STA. 1002+65 LT.	0.05	4.5	4.5	4.5	0.10	0.05
PRINCETON AVENUE & 6TH STREET						
STA. 100+23 TO STA. 101+35	0.1	9	9	9	0.20	0.1
TOTAL	0.49	45	45	45	0.98	0.49

USE 0.5 ACRE

USE 1 TON USE 0.5 ACRE

TEMPORARY EROSION CONTROL ITEMS			
LOCATION	28000250 TEMPORARY EROSION CONTROL SEEDING	28000400 PERIMETER EROSION BARRIER	28000500 INLET AND PIPE PROTECTION
	POUND	FOOT	EACH
BURTON DRIVE	30		
5TH STREET	10		
PRINCETON AVE & 6TH STREET	10		
STA. 2+50 TO STA. 5+20 LT. (BURTON DRIVE)		300	
STA. 2+50 TO STA. 3+55 RT. (BURTON DRIVE)		105	
STA. 3+45 13' LT. (BURTON DRIVE)			1
STA. 4+20 1' LT. (BURTON DRIVE)			1
STA. 5+18 8' LT. (BURTON DRIVE)			1
STA. 100+40 11' RT. (PRINCETON AVE.)			1
TOTAL	50	405	4

EARTHWORK				
LOCATION	20200100 EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
5TH STREET				
STA. 998+14 TO STA. 1002+65	651	488	26	462
6TH STREET				
STA. 998+02 TO Sta. 1001+83	6	5	0	5
PRINCETON AVE.				
STA. 100+23 TO STA. 101+35	3	2	130	-128
BURTON DRIVE				
STA. 1+90 TO Sta. 5+20	479	359	60	299
TOTAL	1139	854	216	638

USE 1140 CU. YD.

NO EMBANKMENT REQUIRED. EXCESS EARTH TO BE USED IN RAILROAD EMBANKMENT.

35101100 AGGREGATE BASE COURSE, TYPE A 12"	
LOCATION	AGGREGATE BASE COURSE TYPE A SQ. YD.
BURTON DRIVE	
STA. 1+85 TO STA. 2+50	152
STA. 2+50 TO STA. 5+20	720
ALLEY CENTERLINE STA. 3+70	88
5TH STREET	
STA. 1002+10.3 TO STA. 1002+19.3	18
6TH STREET	
STA. 1001+46.5 TO STA. 1002+04	136
TOTAL	1114

31101200 SUBBASE GRANULAR MATERIAL, TYPE B 4"	
LOCATION	SUBBASE GRANULAR MATERIAL TYPE B 4" SQ. YD.
BURTON DRIVE	
STA. 2+50 TO STA. 5+20 LT. & RT.	155
5TH STREET	
STA. 998+14 TO STA. 1001+73 LT.	103
STA. 998+87 TO STA. 1002+75 RT.	109
6TH STREET	
STA. 999+98 TO STA. 1000+06 LT.	2
STA. 998+82.7 TO STA. 999+43.5 RT.	14
TOTAL	383

DESIGNED  
DRAWN  
CHECKED



USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / 1"	DRAWN - JRP	REVISED -
PLOT DATE = 6/26/2019	CHECKED -	REVISED -
	DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 1 OF 6 SHEETS		STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						*	(109) VB,(110) VB-5 09L0179B	SANGAMON	382	34
						*666 & 666 ALT. ILLINOIS FED. AID PROJECT		CONTRACT NO. 93733		

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SCHEDULE OF QUANTITIES - ROADWAY - 1

HOT-MIX ASPHALT SCHEDULE					
LOCATION	40600275	40600290	40603080	40603310	40600982
	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT MIX ASPHALT BINDER COURSE IL-19.0, N50	HOT MIX ASPHALT SURFACE COURSE MIX C, N50	HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	POUND	POUND	TON	TON	SQ. YD.
BURTON DRIVE					
STA. 1+85 TO STA. 2+50	340	68	43	17	
STA. 2+50 TO STA. 5+20	1620	324	53	21	
STA. 5+20 TO STA. 5+62		69		17	173
ALLEY CENTERLINE STA. 3+70 RT	196			8	
6TH STREET					
STA. 998+82.7 TO STA. 999+43.7		28	7	5	
STA. 1001+46.5 TO STA. 1002+04		92		16	
ESTIMATED PATCHING AREAS		355		60	
5TH STREET					
STA. 1002+10.3 TO STA. 1002+19.3		12		2	
ESTIMATED PATCHING AREAS		405		68	
TOTAL	2156	1353	103	214	173

44000500 COMBINATION CURB AND GUTTER REMOVAL	
LOCATION	COMBINATION CURB AND GUTTER REMOVAL
	FOOT
BURTON DRIVE	
STA. 3+23 TO STA. 5+20 LT.	259
STA. 3+41 TO STA. 5+20 RT.	238
5TH STREET	
STA. 998+14 TO STA. 1001+73 LT.	359
STA. 998+87 TO STA. 1002+65 RT.	378
6TH STREET	
STA. 998+82.7 TO STA. 999+43.5 RT.	61
STA. 999+98 TO STA. 1000+06 LT.	8
STA. 999+98 TO STA. 1000+06 RT.	8
TOTAL	1311

42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6"	
LOCATION	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6"
	SQ. YD.
BURTON DRIVE	
STA. 4+34 TO STA. 4+81 RT.	54
TOTAL	54

44000100 PAVEMENT REMOVAL	
LOCATION	PAVEMENT REMOVAL
	SQ. YD.
BURTON DRIVE	
STA. 1+85 TO STA. 5+20	1499
PRINCETON AVENUE	
STA. 100+22 TO STA. 101+35	378
TOTAL	1877

44000600 SIDEWALK REMOVAL	
LOCATION	SIDEWALK REMOVAL
	SQ. FT.
BURTON DRIVE	
STA. 3+83 32' LT. TO STA. 4+18 7' RT.	112
5TH STREET	
STA. 998+14 TO STA. 1001+73 LT.	1436
STA. 998+87 TO STA. 1002+65 RT.	1512
6TH STREET	
STA. 998+02 TO STA. 1000+83.2 LT.	1125
STA. 998+43.7 TO STA. 998+93.4 RT.	199
STA. 999+44 TO STA. 1001+91.7 RT.	1457
PRINCETON AVE.	
STA. 100+28 TO STA. 101+36.3	395
TOTAL	6236

42400100 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	
LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK 4"
	SQ. FT.
5TH STREET	
STA. 998+14 TO STA. 1001+73 LT.	1795
STA. 998+87 TO STA. 1002+65 RT.	1890
6TH STREET	
STA. 998+02 TO STA. 1000+83.2 LT.	2121
STA. 998+43.7 TO STA. 1001+91.7 RT.	1853
PRINCETON AVE.	
STA. 100+28 TO STA. 101+36.3 LT.	635
TOTAL	8294

44000200 DRIVEWAY PAVEMENT REMOVAL	
LOCATION	DRIVEWAY PAVEMENT REMOVAL
	SQ. YD.
BURTON DRIVE	
STA. 4+21 6' LT. TO STA. 4+79 14' RT.	66
TOTAL	66

DESIGNED  
DRAWN  
REVISIONS



USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JRP	REVISED -
PLOT DATE = 6/26/2019	CHECKED -	REVISED -
	DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 2 OF 6 SHEETS		STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						*	(109) VB,(110) VB-5 09L0179B	SANGAMON	382	35
						*666 & 666 ALT. ILLINOIS FED. AID PROJECT		CONTRACT NO.	93733	

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SCHEDULE OF QUANTITIES - ROADWAY - 2

CLASS C PATCHES 10"				
LOCATION	44201349	44201353	44201357	44201359
	CLASS C	CLASS C	CLASS C	CLASS C
	PATCHES	PATCHES	PATCHES	PATCHES
	TYPE I	TYPE II	TYPE III	TYPE IV
	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.
5TH STREET	25*	75*	100*	400*
STA. 1001+54.3 to STA. 1001+59.3	2			
STA. 1002+10.3 to STA. 1002+19.3			18	
6TH STREET	25*	50*	100*	350*
STA. 1001+46.5 TO STA. 1002+04				136
TOTAL	52	125	218	896

\* ESTIMATED QUANTITY FOR ANY DAMAGE DONE DURING STRUCTURE BEAM PLACEMENT.

59300100 CONTROLLED LOW STRENGTH MATERIAL	
LOCATION	CONTROLLED LOW STRENGTH MATERIAL
	CU. YD.
6TH STREET	
STA. 998+82.7 TO STA. 999+43.5	71
TOTAL	71

PIPE SCHEDULE							
FROM STRUCTURE		TO STRUCTURE		550A0050	550A0070	550A0090	550B0490
NUMBER	INVERT ELEV	NUMBER	INVERT ELEV	STORM SEWERS, CLASS A TYPE 1, 12"	STORM SEWERS, CLASS A, TYPE 1, 15"	STORM SEWERS, CLASS A, TYPE 1, 18"	STORM SEWERS, CLASS B, TYPE 2, 54"
FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
<b>BURTON DRIVE</b>							
B100	598.00	B101	597.90	26			
B101	597.90	B105	597.30	76			
B102	597.30	B104	596.30	26			
B103	597.30	B104	599.30	10			
<b>FIFTH STREET</b>							
501	581.28	500	581.10		4		
503	581.60	502	581.50		4		
<b>SIXTH STREET</b>							
602	581.77	601	581.70			4	
604	581.85	603	581.75			4	
<b>PRINCETON AVE.</b>							
P102	585.00	P103	584.50				113
<b>TOTAL</b>				138	8	8	113

DRAINAGE STRUCTURE SCHEDULE											
LOCATION				60235700	60240220	60261000	60263100	60218400	60224459	60255500	60224458
NO.	STATION	OFFSET	FRAME ELEV	INLETS, TYPE A, TYPE 3 F&G	INLETS, TYPE B, TYPE 3 F&G	INLETS TO BE ADJ. TYPE 8 GRATE	INLETS TO BE RECON. TYPE 3 F&G	MANHOLE 4' DIA. TY 1 FRAME CLOSED LID	MANHOLE 8' DIA. TY 1 FRAME CLOSED LID	MANHOLES TO BE ADJUSTED	MANHOLES, TYPE A, 8' DIAMETER, TYPE 8 GRATE
EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
<b>BURTON DRIVE</b>											
B100	3+45	13' RT	600.00	1							
B101	3+45	13' LT	600.00		1						
B102	5+18	18' RT	599.32	1							
B103	5+18	19' LT	599.30	1							
B104	5+18	8' LT	599.46					1			
B105	4+20	1' LT.	599.90					1			
B106	4+41	17' LT.	599.50							1	
<b>FIFTH STREET</b>											
500	1000+03	21' RT	584.20				1				
501	1000+07	21' RT	584.20	1							
502	1000+03	21' LT	584.27				1				
503	1000+07	21' LT	584.27	1							
<b>SIXTH STREET</b>											
600	999+46	25' RT	586.05							1	
601	999+99	21' RT	584.69				1				
602	1000+03	21' RT	584.46	1							
603	999+99	21' LT	584.69				1				
604	1000+03	21' LT	584.46	1							
<b>PRINCETON AVE.</b>											
P100	100+40	18' LT	591.65							1	
P101	100+41	14' LT	591.60			1					
P102	100+63	11' LT	592.00					1			
P103	100+40	11' RT	591.60								1
<b>TOTAL</b>				7	1	1	4	2	1	3	1

48101500 AGGREGATE SHOULDERS, TYPE B 6"	
LOCATION	AGGREGATE SHOULDERS
	SQ. YD.
BURTON DRIVE	
STA. 1+85 TO STA. 2+50 LT. & RT.	58
TOTAL	58

DESIGNED  
DRAWN  
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DESIGNED -  
 DRAWN - JRP  
 CHECKED -  
 DATE - 06/26/2019

REVISED -  
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 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 SCHEDULE OF QUANTITIES - ROADWAY - 3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(109) VB,(110) VB-5	SANGAMON	382	36
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



50105220 PIPE CULVERT REMOVAL	
LOCATION	PIPE CULVERT REMOVAL
	FOOT
BURTON DRIVE	
STA. 1+90 TO STA. 2+02 16' LT.	12
STA. 2+30 TO STA. 2+48 13' RT.	18
TOTAL	30

52200020 TEMPORARY SOIL RETENTION SYSTEM	
LOCATION	TEMPORARY SOIL RETENTION SYSTEM
	SO. FT.
6TH STREET	
STA. 1001+46.5 16.9' LT. TO STA. 1002+ 04 6.5' RT.	1855
TOTAL	1855

55100500 STORM SEWER REMOVAL 12"	
LOCATION	STORM SEWER REMOVAL 12"
	FOOT
STA. 3+28 43' LT. TO STA. 3+39 17' LT.	30
STA. 3+39 17' LT. TO STA. 3+74 32' LT.	34
STA. 3+74 32' LT. TO STA. 4+20 1' LT.	58
STA. 4+21 49' LT. TO STA. 4+41 19' LT. (OUTSIDE FACE OF B106)	44
TOTAL	166

60500060 REMOVING INLETS	
LOCATION	REMOVING INLETS
	EACH
BURTON DRIVE	
STA. 2+02 12' LT.	1
STA. 2+05 22' LT.	1
STA. 2+25 22' LT.	1
STA. 3+06 36' LT.	1
STA. 3+16 4' RT.	1
STA. 3+74 32' LT.	1
STA. 4+20 1' LT.	1
PRINCETON AVE.	
STA. 100+40 14' RT.	1
TOTAL	8

60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	
LOCATION	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18
	FOOT
BURTON DRIVE	
STA. 2+50 TO sta. 5+20 LT.	290
STA. 2+50 TO STA. 5+20 RT.	251
5TH STREET	
STA. 998+14 TO STA. 1001+73 LT.	359
STA. 998+87 TO STA. 1002+65 RT.	378
6TH STREET	
STA. 999+98 TO STA. 1000+06 LT.	8
STA. 999+98 TO STA. 1000+06 RT.	8
STA. 998+82.5 TO STA. 999+43.5 RT.	61
TOTAL	1355

63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	
LOCATION	STEEL PLATE BEAM GUARDRAIL TYPE A 6 FOOT POSTS
	FOOT
PRINCETON AVE.	
STA. 100+33 12'-6" LT. TO 12'-6" RT.	25
TOTAL	25

70400100 TEMPORARY CONCRETE BARRIER	
LOCATION	TEMPORARY CONCRETE BARRIER
	FOOT
5TH STREET	
STA. 997+74.0 TO STA. 1002+13.1 LT.	440
STA. 998+47.5 TO STA. 1001+97.0 RT.	350
6TH STREET	
RETAINING WALL CONSTRUCTION -STAGE I	
STA. 997+62.4 TO STA. 1001+51.5 LT.	390
STA. 998+04 TO STA. 1002+53.4 RT.	450
TOTAL REQUIRED FOR 5TH AND 6TH STREET COMBINED	1630

60500040 REMOVING MANHOLES	
LOCATION	REMOVING MANHOLES
	EACH
PRINCETON AVE.	
STA. 100+40 12' RT.	1
TOTAL	1

70600255 IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2	
LOCATION	IMPACT ATTENUATORS TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2
	EACH
6TH STREET	
STA. 997+35.8 TO STA. 997+62.4	1
STA. 997+78.4 TO STA. 998+04.0	1
5TH STREET	
STA. 1001+97.0 TO STA. 1002+22.6	1
STA. 1002+13.1 TO STA. 1002+38.7	1
TOTAL	4

SIGN PANEL SCHEDULE		
LOCATION	72000100 SIGN PANEL TYPE 1	72000200 SIGN PANEL TYPE 2
	SO. FT.	SO. FT.
BURTON DRIVE		
STA. 1+65 13' RT. (R2-1, 20 MPH)	5	
STA. 1+15 13' RT. (W1-2, CURVE ARROW)	6.3	
STA. 5+72 23' LT. (R2-1, 20 MPH)	5	
STA. 6+62 23' LT. (W-1-2, CURVE ARROW)	6.3	
PRINCETON AVE.		
STA. 101+32 7' LT. (OM 4-3)	9	
STA. 101+32 7' RT. (OM 4-3)	9	
STA. 101+32 CENTERLINE (R11-2)		10
5TH STREET		
STA. 995+05 29' LT. (R7-2A)	2	
STA. 995+05 29' LT. (CUSTOM SNOW EMERGENCY SIGN)	2	
STA. 996+40 29' LT. (R7-2A)	2	
STA. 996+40 29' LT. (CUSTOM SNOW EMERGENCY SIGN)	2	
TOTAL	48.6	10

SAY 49 SO. FT.

DESIGNED  
DRAWN  
CHECKED



USER NAME = Pop00275	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SCHEDULE OF QUANTITIES - ROADWAY - 4		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET 4 OF 6 SHEETS	STA.	TO STA.	•	(109) VB,(110) VB-5	SANGAMON 382 37
					09L0179B	CONTRACT NO. 93733
					*666 & 666 ALT.	ILLINOIS FED. AID PROJECT

REMOVE SIGN PANEL ASSEMBLY		
LOCATION	72400100 REMOVE SIGN PANEL ASSEMBLY TYPE A	72400200 REMOVE SIGN PANEL ASSEMBLY TYPE B
	EACH	EACH
	BURTON DRIVE	
STA. 2+32 13' RT.		1
STA. 2+98 8' RT.		1
STA. 3+63 25' LT.		1
STA. 4+31 45' LT.		1
PRINCETON AVE		
STA. 100+23 32' RT.		1
STA. 100+44 18' LT.		1
STA. 100+55 14' RT.		1
5TH STREET		
STA. 995+05 29' LT.	1	
STA. 996+40 29' LT.	1	
TOTAL	2	7

72400310 REMOVE SIGN PANEL - TYPE 1	
LOCATION	REMOVE SIGN PANEL - TYPE 1 SQ. FT.
5TH STREET	
STA. 998+00 29' LT. (NO PARKING SIGN)	2
TOTAL	2

72800100 TELESCOPING STEEL SIGN SUPPORT	
LOCATION	TEL. STEEL SIGN SUPPORT
	FOOT
BURTON STREET	
STA. 1+65 13' RT.	12
STA. 1+15 13' RT.	12
STA. 5+72 23' LT.	12
STA. 6+62 23' LT.	12
PRINCETON AVE	
STA. 101+32 7' LT.	12
STA. 101+32 CENTERLINE	12
STA. 101+32 7' RT.	12
5TH STREET	
STA. 995+05 29' LT.	12
STA. 996+40 29' LT.	12
TOTAL	108

THERMOPLASTIC PAVEMENT MARKING					
LOCATION	78000300 THERMOPLASTIC PAVEMENT MARKING - LINE 5"			78000400 THERMOPLASTIC PAVEMENT MARKING- LINE 6"	78000600 THERMOPLASTIC PAVEMENT MARKING- LINE 12"
	SOLID WHITE LANE LINE	WHITE SKIP DASH 30' SPACE - 10' LINE	SOLID YELLOW DOUBLE CENTERLINE	FOOT	FOOT
	FOOT	FOOT	FOOT	FOOT	FOOT
BURTON DRIVE					
STA. 1+85 TO STA. 5+62			754		
5TH STREET					
STA. 997+38 TO STA. 1002+88 RT.	550				
STA. 993+55 TO STA. 996+88 LT.		90			
STA. 996+88 TO STA. 1002+98 (3 LANE LINES)		450			
STA. 992+90 TO STA. 993+55				16	
STA. 998+90 18' RT.					10
STA. 999+00 TO STA. 999+60 18' RT. (DIAGONALS)					56
STA. 1001+00 TO STA. 1001+60 18' RT. (DIAGONALS)					56
STA. 1001+70					10
6TH STREET					
STA. 996+13 TO STA. 1003+63 (3 LANE LINES)	2079				
SUB-TOTAL	2629	540	754		
TOTAL		3923		16	132

XZ127900 RETAINING WALL REMOVAL	
LOCATION	RETAINING WALL REMOVAL FOOT
PRINCETON AVE.	
STA. 100+70.5 TO STA. 100+73.5 LT.	3
TOTAL	3

XO327980 PAVEMENT MARKING REMOVAL - WATER BLASTING	
LOCATION	PAVEMENT MARKING REMOVAL - WATER BLASTING SQ. FT.
5TH STREET	
STA. 993+55 TO STA. 999+15 18' LT.	235
STA. 993+91 22' LT.	8.8
STA. 994+95 22' LT.	8.8
STA. 995+99 22' LT.	8.8
STA. 997+03 22' LT.	8.8
STA. 998+07 22' LT.	8.8
STA. 999+11 22' LT.	8.8
TOTAL	287.8

SAY 288 SQ. FT.

X2200018 ORNAMENTAL FENCE	
LOCATION	ORNAMENTAL FENCE FOOT
6TH STREET	
STA. 997+55 TO STA. 1001+41 LT.	386
STA. 997+55 TO STA. 1001+81 RT.	426
TOTAL	812

X6640300 CHAIN LINK FENCE REMOVAL	
LOCATION	CHAIN LINK FENCE REMOVAL FOOT
6TH STREET	
STA. 997+55 TO STA. 998+83 RT.	132
STA. 999+44 TO STA. 1001+70 RT.	218
STA. 997+55 TO STA. 1001+41 LT.	374
PRINCETON AVE.	
STA. 100+34 TO STA. 100+42 RT.	8
STA. 100+34 TO STA. 100+46 LT.	18
TOTAL	750

DESIGNED  
DRAWN  
CHECKED



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	DRAWN - JRP	REVISED -
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PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SCHEDULE OF QUANTITIES - ROADWAY - 5

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5 09L0179B	SANGAMON	382	38
CONTRACT NO. 93733			ILLINOIS FED. AID PROJECT	

Z0012455 CONCRETE STEP REMOVAL	
LOCATION	CONCRETE STEP REMOVAL
	EACH
PRINCETON AVE.	
STA. 100+22 TO STA. 100+34 RT.	6
STA. 100+22 TO STA. 100+34 LT.	7
TOTAL	13

SUMMARY OF RETAINING WALL QUANTITIES						
LOCATION	50102400 CONCRETE REMOVAL	50200100 STRUCTURE EXCAVATION	50800205 REINFORCEMENT BARS, EPOXY COATED	50300225 CONCRETE STRUCTURES	52200900 CONCRETE STRUCTURES (RETAINING WALL)	59100100 GEOCOMPOSITE WALL DRAIN
	CU. YD.	CU. YD.	POUND	CU. YD.	CU. YD.	SQ. YD.
6TH STREET						
STA. 998+82.7 TO STA. 999+43.5 RT.		105	2950		38.8	21
STA.1001+60.7 TO STA. 1001+91.7	5.7	8	310	6.3		
TOTAL	5.7	113	3260	6.3	38.8	21

TEMPORARY PAVEMENT MARKING AND REMOVAL		
LOCATION	70300230 TEMPORARY PAVEMENT MARKING - LINE 5"	X7030005 TEMPORARY PAVEMENT MARKING REMOVAL
	FOOT	SQ. FT.
5TH STREET		
STA. 996+88.7 TO STA. 1002+97.5 LT.	611	257
STA. 996+88.7 TO STA. 1002+97.5 CENTERLINE	609	256
STA. 997+38.0 TO STA. 1002+81.7 RT.	546	230
6TH STREET		
STAGE I		
STA. 996 +60 TO STA. 1003+52.9 RT.	696	293
STA. 996 +60 TO STA. 1003+52.9 CENTERLINE	693	291
STA. 997+02.6 TO STA. 1002+20 LT.	542	228
TOTAL	3697	1555

DESIGNED  
DRAWN  
CHECKED



USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN - JRP	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 6 OF 6 SHEETS	STA.	TO STA.
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SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SCHEDULE OF QUANTITIES - ROADWAY - 6

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(109) VB,(110) VB-5	SANGAMON	382	39
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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MISCELLANEOUS REMOVAL SCHEDULE						
LOCATION		X0322924	X0323099	63200310		
		RETAINING WALL REMOVAL	RETAINING WALL REMOVAL	GUARDRAIL REMOVAL		
BEGIN STATION	OFFSET	END STATION	OFFSET	SQ FT	CU YD	FOOT
<b>UPRR MAIN 1</b>						
47845+93	21 R	47846+10	21 R		3.6	
47864+98	173 L	47865+30	132 L		9.6	
47845+64	24 R	47845+93	21 R	112		
47847+27	24 R	47847+50	14 R	39		
47847+22	19 R	47847+37	9 R	24		
47847+57	20 R	47847+64	30 R	24		
47847+70	0 R	47847+82	5 R	45		
47848+71	32 R	47849+13	0 R	150		
47866+30	13 L	47866+76	43 L			55
<b>TOTAL</b>				<b>394</b>	<b>13.2</b>	<b>55</b>

TRACK REMOVAL					
LOCATION					Z0076100
					TRACK REMOVAL
TRACK	BEGIN STATION	END STATION	LT/RT	FOOT	
<b>STAGE 4A</b>					
SHOOFLY	47834+70	47845+52		1082	
NS RR	47845+52	47873+80		2828	
<b>TOTAL</b>				<b>3910</b>	
TRACK REMOVAL LIMITS SHALL BE CONFIRMED BY NSRR PRIOR TO ANY REMOVAL					

TREE REMOVAL SCHEDULE			
LOCATION		20100500	
		TREE REMOVAL, ACRE	
<b>UPRR MAIN 1</b>			
	STATION	STATION	
	47838+00	47840+80	1.2
	47840+80	47845+80	2.1
	47845+80	47851+10	2.4
	47851+10	47856+40	2.4
	47856+40	47861+50	2.5
	47861+50	47866+60	1.9
	47866+60	47871+70	1.4
	47871+70	47876+00	0.9
<b>TOTAL</b>			<b>14.8</b>
<b>ROUNDED TOTAL</b>			<b>14.75</b>

PAVEMENT, SIDEWALK, AND CURB AND GUTTER REMOVAL SCHEDULE							
LOCATION				44000100	44000200	44000500	44000600
				PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL
BEGIN STATION	OFFSET	END STATION	OFFSET	SQ YD	SQ YD	FOOT	SQ FT
<b>UPRR MAIN 1</b>							
47834+54		RT	47835+50		RT	375	
47835+50		RT	47837+50		RT	276	
47842+90		RT	47845+50		RT	1035	
47845+50		RT	47845+80		RT	115	
47845+80		RT	47846+64		RT	587	
47846+83		LT	47847+09		LT	14	
47847+10		LT	47847+82		LT	159	
47852+36		LT	47853+47		LT	243	
47857+86		LT	47861+50		LT	881	
47861+50		LT	47866+12		LT	794	
47867+02		LT	47867+66		LT	250	
47868+00		LT	47868+76		LT	410	
47849+27		RT	47849+56		RT		41
47849+41		RT	47849+50		RT		6
47851+72		LT	47852+21		LT		76
47856+42		RT	47856+67		RT		36
47856+68		RT	47856+89		RT		23
47856+82		RT	47857+10		RT		40
47857+26		RT	47857+54		RT		44
47857+96		LT	47858+14		LT		14
47858+35		LT	47858+86		LT		77
47859+07		LT	47859+50		LT		54
47859+22		RT	47859+92		RT		84
47859+70		RT	47860+30		RT		71
47863+35		LT	47863+52		LT		15
47864+10		LT	47864+35		LT		12
47864+17		LT	47864+42		LT		12
47864+45		LT	47865+53		LT		308
47864+52		LT	47864+68		LT		13
47867+14		LT	47867+28		LT		25
47868+60		LT	47868+80		LT		29
47869+40		LT	47869+57		LT		20
47846+44	120	RT	47846+71	102	RT		32
47867+02	70	LT	47867+18	34	LT		37
47867+18	34	LT	47867+65	34	LT		47
47867+02	70	LT	47867+21	80	LT		20
47867+42	91	LT	47867+65	34	LT		60
47867+42	91	LT	47868+07	123	LT		72
47868+07	123	LT	47868+18	111	LT		23
47868+18	111	LT	47868+02	94	LT		20
47868+02	94	LT	47868+25	40	LT		79
47868+25	40	LT	47868+63	46	LT		37
47868+41	140	LT	47868+38	114	LT		30
47868+38	114	LT	47838+61	117	LT		25
47868+61	117	LT	47868+74	85	LT		35
47846+37	109	RT	47846+71	101	RT		398
47847+28	32	RT	47847+58	24	RT		515
47848+79	25	RT	47849+00	47	RT		55
47852+04	170	LT	47852+26	150	RT		188
47852+77	21	RT	47853+33	91	RT		480
47854+66	150	LT	47854+89	167	LT		112
47854+91	127	LT	47855+26	151	LT		194
47855+62	49	RT	47856+34	6	RT		192
47856+29	91	RT	47856+43	105	RT		80
47856+34	6	RT	47857+34	47	RT		258
47856+34	9	RT	47856+72	56	RT		91
47856+67	69	RT	47856+81	94	RT		76
47857+44	164	LT	47857+64	142	LT		159
47857+76	101	LT	47857+98	88	LT		78
47857+83	193	LT	47858+04	171	LT		147
47857+53	112	LT	47857+73	103	LT		207
47857+84	108	LT	47857+96	110	LT		67
47858+08	127	LT	47858+57	110	LT		233
47858+87	71	LT	47859+14	69	LT		67
47864+91	174	LT	47865+31	133	LT		265
47865+40	120	LT	47865+82	67	LT		288
47866+77	127	LT	47866+89	109	LT		154
47866+72	153	LT	47867+00	184	LT		274
47867+54	70	LT	47867+68	47	LT		92
47867+99	92	LT	47868+23	38	LT		306
<b>TOTALS</b>				<b>5139</b>	<b>999</b>	<b>517</b>	<b>4976</b>

FENCE REMOVAL SCHEDULE					
LOCATION					Z0022800
					FENCE REMOVAL
BEGIN STATION	OFFSET	END STATION	OFFSET	FOOT	
<b>UPRR MAIN 1</b>					
47845+50	43 R	47845+80	85 R		55
47845+50	43 R	47845+80	20 R		39
47845+80	85 R	47846+20	120 R		60
47845+80	20 R	47846+11	21 R		30
47846+61	124 L	47846+91	54 L		78
47846+91	60 L	47847+40	63 L		46
47846+90	93 L	47847+40	93 L		54
47847+40	93 L	47847+40	63 L		30
47847+40	93 L	47848+04	151 L		75
47847+22	20 R	47847+38	10 R		19
47847+27	25 R	47847+60	32 R		46
47847+41	49 R	47847+60	32 R		33
47849+17	3 L	47849+30	32 R		37
47849+23	9 R	47851+10	7 R		187
47851+10	7 R	47852+62	9 R		152
47852+25	117 L	47853+10	110 L		95
47852+87	73 L	47854+36	101 L		208
47854+35	196 L	47854+83	240 L		70
47854+35	196 L	47854+66	153 L		56
47855+20	162 L	47855+45	179 L		29
47856+07	104 R	47856+40	115 R		50
47856+00	28 R	47856+40	75 R		60
47856+55	12 R	47856+96	60 R		63
47857+07	91 L	47857+55	137 L		67
47857+07	91 L	47857+54	65 L		59
47858+23	74 L	47858+35	66 L		40
47858+00	126 L	47858+23	108 L		25
47858+32	89 L	47858+47	63 L		30
47858+77	85 L	47859+22	70 L		59
47858+71	117 L	47859+32	116 L		82
47859+07	94 L	47859+25	69 L		35
47859+00	50 R	47859+07	28 R		116
47859+32	116 L	47859+77	127 L		72
47863+14	115 L	47863+59	80 L		38
47863+64	72 L	47864+12	109 L		54
47866+47	158 L	47866+54	143 L		16
47866+47	158 L	47866+99	193 L		63
47867+23	32 L	47869+33	33 L		210
47868+78	91 L	47868+95	54 L		42
47868+96	54 L	47870+13	94 L		122
47869+49	99 L	47869+58	75 L		27
47870+10	99 L	47870+13	94 L		7
<b>TOTAL</b>					<b>2736</b>

FINAL

FILE NAME = D609L0179B-sht-sched-USIV-01.dgn  
 USER NAME = Pop00275  
 PLOT SCALE = 0.1667' / in.  
 PLOT DATE = 6/26/2019

DESIGNED - GCN  
 DRAWN - RSJ  
 CHECKED - JWM/GCN  
 DATE - 06/26/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 SCHEDULE OF QUANTITIES - TRACK - 1  
 SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 (109) VB,(110) VB-5 SANGAMON 382 40  
 09L0179B CONTRACT NO. 93733  
 \*666 & 666 ALT. ILLINOIS FED. AID PROJECT



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LOCATION		EARTHWORK						COMMENTS	
		A	B	C	D	20400800	Z0069700		Z0002300
		20200100	EXCAVATION TO BE USED IN EMBANKMENT, ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE EXCESS (+) OR SHORTAGE (-)	FURNISHED EXCAVATION	SUB-BALLAST		BALLAST
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD		
<b>TRACK</b>									
Stage 1: Sta. 47865+00	Sta. 47876+00	5,649	4,237	24,809	-20,572	20,572	4,966		
Stage 3: Sta. 47834+50	Sta. 47843+80	4	3	2,913	-2,910	2,910	1,781		
Stage 4: Sta. 47831+00	Sta. 47865+00	3,166	2,375	25,640	-23,265	23,265	7,426		
Stage 1 - 5th Street	Structures	25	19	1,007	-988	988	0		
Stage 1 - 6th Street	Structures	16	13	866	-853	853	0		
Stage 4 - 5th Street	Structures	198	149	1,123	-974	974	0	100	
Stage 4 - 6th Street	Structures	132	100	1,077	-977	977	0	101	
<b>SUBTOTAL</b>		<b>9,190</b>	<b>6,896</b>	<b>57,435</b>	<b>-50,539</b>	<b>50,539</b>	<b>14,173</b>		
<b>ROAD EARTHWORK BALANCE</b>					<b>638</b>	<b>-638</b>			
<b>TOTAL</b>		<b>9,190</b>	<b>6,896</b>	<b>57,435</b>	<b>-49,901</b>	<b>49,901</b>	<b>14,173</b>	<b>201</b>	
<b>TOTAL Rounded to Nearest 5 CY</b>		<b>9,190</b>				<b>49,900</b>			

EQUATIONS USED  
 B = A \* 0.75  
 D = B - C

NOTE: EXCESS EARTHWORK SHALL BE STOCKPILED IN THE EARTHWORK STAGING AREA.

LOCATION				SEEDING SCHEDULE						
				25000110	25000400	25000500	25000600	25000700	25100115	25100125
BEGIN STATION	OFFSET	END STATION	OFFSET	SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	MULCH, METHOD 3
				ACRE	POUND	POUND	POUND	TON	ACRE	ACRE
<b>UPRR MAIN 1</b>										
<b>STAGE 1</b>										
47843+80	LT	SIXTH ST	LT	0.45	40.5	40.5	40.5	0.9		0.20
SIXTH ST	LT	FIFTH ST	LT	0.40	36.0	36.0	36.0	0.8		0.20
FIFTH ST	LT	47876+02	LT	1.55	139.5	139.5	139.5	3.1		0.60
<b>STAGE 3</b>										
47834+70	LT	47843+80	LT	0.75	67.5	67.5	67.5	1.5		0.45
<b>STAGE 4</b>										
47831+10	RT	SIXTH ST	RT	1.05	94.5	94.5	94.5	2.1		0.40
SIXTH ST	RT	FIFTH ST	RT	0.35	31.5	31.5	31.5	0.7		0.15
FIFTH ST	RT	47865+00	RT	0.85	76.5	76.5	76.5	1.7		0.60
<b>EXCESS PARCELS AND EASEMENTS</b>										
47836+28	LT	47843+91	LT	2.35	211.5	211.5	211.5	4.7	2.35	
47845+39	LT	47846+35	LT	0.10	9.0	9.0	9.0	0.2	0.10	
47846+75	LT	47847+94	LT	0.10	9.0	9.0	9.0	0.2	0.10	
47848+86	RT	47850+16	RT	0.10	9.0	9.0	9.0	0.2	0.10	
47851+69	LT	47852+90	LT	0.10	9.0	9.0	9.0	0.2	0.10	
47853+83	LT	47855+10	LT	0.25	22.5	22.5	22.5	0.5	0.25	
47855+70	RT	47856+79	RT	0.10	9.0	9.0	9.0	0.2	0.10	
47858+51	RT	47860+47	RT	0.15	13.5	13.5	13.5	0.3	0.15	
47857+61	LT	47858+71	LT	0.10	9.0	9.0	9.0	0.2	0.10	
47861+06	LT	47862+22	LT	0.30	27.0	27.0	27.0	0.6	0.30	
47864+12	LT	47865+18	LT	0.10	9.0	9.0	9.0	0.2	0.10	
47867+66	LT	47869+52	LT	0.15	13.5	13.5	13.5	0.3	0.15	
<b>TOTAL</b>				<b>9.30</b>	<b>837.0</b>	<b>837.0</b>	<b>837.0</b>	<b>18.6</b>	<b>3.90</b>	<b>2.60</b>
<b>ROUNDED TOTAL</b>				<b>9.25</b>	<b>837</b>	<b>837</b>	<b>837</b>	<b>18.6</b>	<b>4.00</b>	<b>2.75</b>

LOCATION				SEWER AND UTILITY REMOVAL/ADJUSTMENT SCHEDULE						
				55100500	55100900	60255500	60500040	60500060	X0324752	20800150
BEGIN STATION	OFFSET	END STATION	OFFSET	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 18"	MANHOLES TO BE ADJUSTED	REMOVING MANHOLES	REMOVING INLETS	STORM SEWER TO BE FILLED	TRENCH BACKFILL
				FOOT	FOOT	EACH	EACH	EACH	CU YD	CU YD
<b>UPRR MAIN 1</b>										
47853+19	102	RT				1				
47865+94	40	LT					1			
47866+01	56	LT					1			
47866+99	48	LT					1			
47861+42	30	LT					1			
47862+18	11	LT					1			
47863+60	0	RT					1			
47867+91	38	LT					1			
47840+50	22	LT						1		
47852+96	92	LT						1		
47863+32	72	LT						1		
47834+00	15	LT	47840+50	22	LT	650				91
47840+50	22	LT	47841+50	24	LT	100				12
47840+50	22	LT	47840+50	37	LT		15			
47841+50	24	LT	47843+00	20	LT				3	
47852+96	92	LT	47853+30	121	LT				1	
47847+64	155	LT	47847+40	87	RT				113	
47863+00	109	LT	47863+32	72	LT				1	
47844+50	35	LT	47844+50	106	LT					
47854+50	37	LT	47854+50	108	LT					
47858+50	34	LT	47858+50	105	LT				2	
45852+50	40	LT	45852+50	110	LT					
<b>TOTALS</b>				<b>750</b>	<b>15</b>	<b>1</b>	<b>7</b>	<b>3</b>	<b>120</b>	<b>103</b>

FINAL

FILE NAME = D609L0179B-sht-sched-USIV-01.dgn  
 Sheet 3

USER NAME = Pop00275  
 PLOT SCALE = 0.1667' / in.  
 PLOT DATE = 6/26/2019

DESIGNED - GCN  
 DRAWN - RSJ  
 CHECKED - JWM/GCN  
 DATE - 06/26/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 SCHEDULE OF QUANTITIES - TRACK - 2

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	41
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				





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PAVEMENT, SIDEWALK, CURB AND GUTTER SCHEDULE										
LOCATION			35101100	40600275	40603310	42300400	42400100	60604400		
LOCATION			AGGREGATE BASE COURSE, TYPE A 12"	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 4"	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18		
BEGIN STATION	END STATION	OFFSET	SQ YD	POUND	TON	SQ YD	SQ FT	FOOT		
<b>UPRR MAIN 1</b>										
47846+03		RT				283				
						24	130	28		
47852+74		RT				252				
						12				
47853+74		LT					131			
ALLEY TURNAROUND			136	307	14					
<b>TOTALS</b>			<b>136</b>	<b>307</b>	<b>14</b>	<b>702</b>	<b>130</b>	<b>28</b>		

SIGNS						72000100
LOCATION			SIGN			SIGN PANEL - TYPE 1
STREET	LOCATION		DESCRIPTION			SQ FT
UPRR MAIN 1	STATION	OFF				
	47846+49	RT	GATE	OM4-3 (18X18) - OBJECT MARKER		2.3
				OM4-3 (18X18) - OBJECT MARKER		2.3
	47852+93	RT	GATE	OM4-3 (18X18) - OBJECT MARKER		2.3
				OM4-3 (18X18) - OBJECT MARKER		2.3
	47853+73	LT	GATE	OM4-3 (18X18) - OBJECT MARKER		2.3
				OM4-3 (18X18) - OBJECT MARKER		2.3
<b>TOTAL</b>						<b>14</b>

FENCE SCHEDULE										
LOCATION				66500105	66501600	66502000	X8640308	X8640570	NOTE	
LOCATION				WOVEN WIRE FENCE, 4'	WOVEN WIRE GATES, 4' X 16' DOUBLE	WOVEN WIRE GATES, 4' X 24' DOUBLE	CHAIN LINK GATES, (SPECIAL)	CHAIN LINK FENCE, 8' (SPECIAL)		
BEGIN STATION	OFFSET	END STATION	OFFSET	FOOT	EACH	EACH	EACH	FOOT		
<b>UPRR MAIN 1</b>										
47834+38.0	31.0	R	47834+51.5	34.5	R	14				
47834+51.5	34.5	R	47834+82.2	89.8	R	63				
47834+82.2	89.8	R	47835+40.4	60.4	R	65				
47835+40.4	60.4	R	47835+31.6	45.0	R	18				
47835+31.6	45.0	R	47837+87.1	42.0	R	255				
47837+87.1	42.0	R	47837+91.6	49.4	R	9				
47837+91.6	49.4	R	47841+33.5	49.4	R	342				
47841+33.5	49.4	R	47842+96.0	53.5	R	163				
47842+96.0	53.5	R	47844+55.3	54.4	R	159				
47844+55.3	54.4	R	47845+57.0	54.4	R	102				
47845+57.0	54.4	R	47846+10.9	126.0	R	90				
47846+10.9	126.0	R	47846+42.8	104.3	R	39				
47846+42.8	104.3	R	47846+56.1	95.1	R		1			
47846+56.1	95.1	R	47847+26.3	46.2	R	86				
47847+26.3	46.2	R	47847+26.5	34.4	R	12				
47845+14.4	129.4	L	47845+39.1	129.4	L	25				
47845+39.1	129.4	L	47848+84.4	129.4	L	345				
47848+84.4	129.4	L	47848+93.9	99.1	L	32				
47847+63.8	16.0	R	47847+97.9	36.1	L		1	58	4' x 8' GATE	
47847+97.9	36.1	L	47848+05.6	36.0	L			8		
47849+53.0	16.6	R	47849+70.3	13.0	L			34		
47849+70.3	13.0	L	47849+80.4	35.1	L			24		
47849+27.7	17.8	R	47849+27.7	49.4	R	32				
47849+27.7	49.4	R	47850+11.8	49.4	R	84				
47850+11.8	49.4	R	47850+64.0	110.2	R	80				
47850+64.0	110.2	R	47851+43.0	49.1	R	100				
47851+43.0	49.1	R	47852+49.2	49.4	R	106				
47852+49.2	49.4	R	47852+80.9	86.4	R	49				
47852+80.9	86.4	R	47852+86.6	81.9	R	7				
47852+86.6	81.9	R	47852+99.3	72.1	R		1			
47852+99.3	72.1	R	47853+16.1	59.1	R	21				
47853+16.1	59.1	R	47853+53.8	35.6	R	44				
47850+77.8	104.7	L	47850+77.6	119.3	L	15				
47850+77.6	119.3	L	47851+69.0	195.7	L	119				
47851+69.0	195.7	L	47852+24.2	129.4	L	86				
47852+24.2	129.4	L	47852+89.3	129.4	L	65				
47852+89.3	129.4	L	47853+04.7	110.9	L	24				
47853+04.7	110.9	L	47853+26.9	129.4	L	29				
47853+26.9	129.4	L	47853+51.8	129.4	L	25				
47853+51.8	129.4	L	47853+64.0	139.6	L	16				
47853+64.0	139.6	L	47853+82.5	155.0	L		1			
47853+82.5	155.0	L	47854+03.8	129.4	L	33				
47854+03.8	129.4	L	47855+07.9	129.4	L	104				
47855+07.9	129.4	L	47855+10.7	110.4	L	19				
47853+99.4	15.9	R	47854+33.2	35.3	L		1	57	4' x 8' GATE	
47854+33.2	35.3	L	47854+40.9	35.3	L			8		
47855+89.3	15.9	R	47856+06.5	12.7	L			33		
47856+06.5	12.7	L	47856+16.4	33.9	L			23		
47855+66.8	33.9	R	47855+70.4	49.4	R	16				
47855+70.4	49.4	R	47856+17.7	49.4	R	47				
47856+17.7	49.4	R	47856+79.5	121.7	R	95				
47856+79.5	121.7	R	47857+73.0	49.4	R	118				
47857+73.0	49.4	R	47860+46.6	49.4	R	274				
47860+46.6	49.4	R	47860+57.0	41.4	R	13				
47860+57.0	41.4	R	47863+57.2	75.0	R	302				
47856+72.0	103.7	L	47856+88.2	118.1	L	22				
47856+88.2	118.1	L	47857+61.4	179.1	L	95				
47857+61.4	179.1	L	47858+11.7	119.4	L	78				
47858+11.7	119.4	L	47862+78.8	119.4	L	467				
47862+78.8	119.4	L	47862+90.5	105.6	L	18				
47862+90.5	105.6	L	47863+12.0	105.6	L	21				
47863+12.0	105.6	L	47863+16.7	109.5	L	6				
47863+16.7	109.5	L	47864+49.9	109.4	L	133				
47864+49.9	109.4	L	47865+49.1	109.4	L	99				
47865+49.1	109.4	L	47866+35.3	106.8	L	86				
47866+35.3	106.8	L	47867+64.2	104.4	L	129				
47867+64.2	104.4	L	47869+51.9	99.5	L	188				
47869+51.9	99.5	L	47870+13.3	98.6	L	61				
<b>TOTAL</b>				<b>5145</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>245</b>		

FINAL

FILE NAME = D609L0179B-sh-t-sched-USIV-01.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
		DRAWN - RSJ	REVISED -
		CHECKED - JWM/GCN	REVISED -
		DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
SCHEDULE OF QUANTITIES - TRACK - 4

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	43
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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LIGHTING SCHEDULE																				
LOCATION						80400100	81028320	81100320	81200200	81200210	81300220	81300530	81702450	82500350	X1400238	X8211000	XX008952	COMMENTS		
REF. NO.	BEGIN STATION	OFFSET	REF. NO.	END STATION	OFFSET	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	EACH	EACH	EACH	FOOT			
<b>5TH STREET</b>																				
	999+50.00	81.00 R				1								1						
	999+50.00	81.00 R		999+55.50	76.00 R		22													2 x 11' 1" PVC
	999+84.00	33.17 R													1					
	1000+04.50	33.17 R													1					
	1000+25.00	33.17 R													1					
	1000+45.50	33.17 R													1					
	1000+66.00	33.17 R													1					
	1000+86.50	33.17 R													1					
	999+55.50	76.00 R		999+69.00	53.00 R					29										
	999+69.00	53.00 R		999+75.00	57.00 R			14												
	999+75.00	57.00 R										1								
	999+75.00	57.00 R		999+76.00	59.00 R		7						9							
	999+72.12	57.23 R		998+61.12	35.53 L															145
	999+75.00	57.00 R		999+80.00	55.00 R			6												
	999+80.00	55.00 R									1									
	999+80.00	55.00 R		998+70.00	38.00 L			149												
	999+74.00	10.67 R																		1
	999+55.00	10.67 R																		1
	999+35.00	10.67 R																		1
	999+46.00	10.67 L																		1
	999+24.00	10.67 L																		1
	999+08.00	10.67 L																		1
	999+50.00	81.00 R		999+05.00	8.00 L								312							NSRR Bridge & West Wall
	998+70.00	38.00 L									1									
	998+70.00	38.00 L		998+79.00	33.00 L		7	8												
	998+79.00	33.00 L		999+79.00	33.00 L				100											
	998+79.00	33.00 L																		1
	998+99.00	33.00 L																		1
	999+19.00	33.00 L																		1
	999+39.00	33.00 L																		1
	999+59.00	33.00 L																		1
	999+79.00	33.00 L																		1
	999+55.50	76.00 R		1001+00.00	34.00 R					168										
	1001+00.00	34.00 R		1001+02.00	36.00 R			6												
	1001+02.00	36.00 R										1								
	1001+02.00	36.00 R		1001+05.00	38.00 R			8					10							
	1001+04.38	35.70 R		999+91.89	58.31 L															147
	1001+02.00	36.00 R		1000+96.00	38.00 R			7												
	1000+96.00	38.00 L									1									
	1000+96.00	38.00 R		1000+09.00	35.00 L				116											
	1000+55.00	10.67 R																		1
	1000+32.00	10.67 R																		1
	1000+13.00	10.67 R																		1
	1000+31.00	10.67 L																		1
	1000+11.00	10.67 L																		1
	999+98.00	10.67 L																		1
	999+50.00	81.00 R		1000+08.57	35.00 L								324							UPRR Bridge & East Wall

CONTINUED ON NEXT SHEET

FINAL

FILE NAME = D609L0179B-sht-sched-USIV-01.dgn  
 USER NAME = Pop00275  
 PLOT SCALE = 0.1667' / in.  
 PLOT DATE = 6/26/2019

DESIGNED - GCN  
 DRAWN - RSJ  
 CHECKED - JWM/GCN  
 DATE - 06/26/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 SCHEDULE OF QUANTITIES - TRACK - 5

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	44
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				







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DRAINAGE STRUCTURE SCHEDULE																	
				INLETS			MANHOLES										
				60236200	60240301	X6024240	60219000	60218400	60221700	60224448	X6020084	X6020101	54213663	X1200075	52200020		
LOCATION: SEE DETAIL FOR REFERENCE STATION AND OFFSET LOCATION				CONSTRUCTION STAGE	TYPE A, TYPE 8 GRATE	TYPE B, TYPE 8 GRATE	INLET, SPECIAL	TYPE A, 4'-DIA, TYPE 8 GRATE	TYPE A, 4'-DIA, TYPE 1 FRAME, CLOSED LID	TYPE A, 5'-DIA, TYPE 8 GRATE	TYPE A, 7'-DIA, TYPE 8 GRATE	MANHOLE, SPECIAL	TYPE A, 9'-DIA, TYPE 1 FRAME, CLOSED LID (SPECIAL)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	GRATING FOR CONCRETE FLARED END SECTION 18"	TEMPORARY SOIL RETENTION SYSTEM	COMMENTS
NO.	STATION	OFFSET	FRAME ELEV	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	SQ FT		
<b>UPRR MAIN 1</b>																	
R220	47835+00.00	37.00 L	Exist Manhole	1			1										
R250	47845+00.00	44.00 R	597.00	4										1	1		
R251	47845+00.00	37.00 L	606.50	4				1									
R252	47845+00.00	109.00 L	599.50	1													
R253	47848+20.00	114.00 L	598.00	1													
R254	47851+50.00	42.00 R	598.86	4													
R255	47854+69.00	24.50 L	597.70	4	1												
R256	47853+00.00	104.00 L	603.00	1				1									
R257	47853+00.00	37.00 L	606.20	4				1									
R258	47853+00.00	42.00 R	600.50	4													
R259	47856+00.00	40.00 R	601.00	4													
R260	47857+50.00	136.00 L	598.50	1										1	1		
R261	47857+50.00	37.00 L	605.50	4				1									
R262	47857+50.00	40.00 R	599.00	4													
R263	47863+00.00	37.00 L	604.50	4		1											
R264	47863+20.00	105.00 L	599.20	1										1			
R265	47868+00.00	21.50 L	601.75	1		1											
R266	47868+00.00	96.00 L	598.42	1										1			
R273	47855+92.00	32.50 L	597.40	4	1												
R274	47853+59.50	113.10 R	591.40	4				1									Existing Sewer, Field Verify Location
R275	47854+96.10	30.00 R	Exist Inlet	4													Existing Inlet
R276	47843+00.00	36.00 L	605.70	4	1												
R277	47848+00.00	37.00 L	607.00	4	1												
R278	47850+15.00	37.00 L	606.92	4	1												
R279	47852+40.00	42.00 R	598.42	4													
R280	47847+30.75	93.40 R	592.5 +/- *	1													
R281	47847+64.15	155.08 L	600.00	1													Sanitary Manhole, See Special Provisions, Field Verify Location
R282	47847+70.26	80.00 R	591.5 +/- *	1				1								1458	Sanitary Manhole, See Special Provisions, Field Verify Location
R283	47854+11.00	114.00 L	598.33	1										1			Set on existing pipe
R284	47853+37.00	114.00 L	598.09	1										1			
R285	47854+35.00	37.00 L	606.00	4	1												
R286	47856+43.00	37.00 L	605.50	4	1												
R287	47861+00.00	37.00 L	604.70	4	1												Set on existing pipe, invert 600.75
R288	47840+50.00	37.00 L	605.50	4				1									
R289	47848+37.00	24.00 L	598.40	4	1												
R290	47849+55.00	30.00 L	598.80	4	1												
R291	47857+80.00	138.00 L	598.60	1										1			
R292	47858+25.00	110.00 L	598.69	1										1			
R293	47863+00.00	109.00 L	601.00	1				1									Sanitary Manhole, See Special Provisions, Field Verify Location
R294	47852+84.00	113.00 L	598.00	1										1	1		
R295	47853+15.00	113.00 L	598.00	1										1	1		
R297	47853+30.00	122.00 L	601.00	1				1									Sanitary Manhole, See Special Provisions, Field Verify Location
R298	47847+65.16	69.89 R	591.5 +/- *	1				1									
R299	47844+50.00	106.10 L	NA	1													No Structure, Open Pipe
R300	47844+50.00	35.30 L	NA	1													No Structure, Pipe Underdrain (Modified) Connect to Pipe Drain
R301	47848+00.00	33.20 L	NA	1													No Structure, Cap End of Pipe Underdrain (Modified)
R302	47850+50.00	37.87 L	NA	1													No Structure, Cap End of Pipe Underdrain (Modified)
R303	47854+50.00	37.08 L	NA	1													No Structure, Pipe Underdrain (Modified) Connect to Pipe Drain
R304	47854+50.00	107.80 L	NA	1													No Structure, Open Pipe
R305	47856+50.00	33.62 L	NA	1													No Structure, Cap End of Pipe Underdrain (Modified)
R306	47858+50.00	34.33 L	NA	1													No Structure, Pipe Underdrain (Modified) Connect to Pipe Drain
R307	47858+50.00	105.05 L	NA	1													No Structure, Open Pipe
R308	47852+50.00	109.56 L	NA	1													No Structure, Open Pipe
R309	47852+50.00	39.77 L	NA	1													No Structure, Pipe Underdrain (Modified) Connect to Pipe Drain
R310	47852+51.00	39.77 L	NA	1													No Structure, Cap End of Pipe Underdrain (Modified)
* Set frame at final pavement elevation																	
<b>TOTAL</b>				<b>10</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>7</b>	<b>2</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>10</b>	<b>4</b>	<b>1458</b>		

FINAL

FILE NAME = D609L0179B-sht-sched-USIV-01.dgn  
 USER NAME = Pop00275  
 PLOT SCALE = 0.1667' / 1" = 1/60  
 PLOT DATE = 6/26/2019

DESIGNED - GCN  
 DRAWN - RSJ  
 CHECKED - JWM/GCN  
 DATE - 06/26/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 SCHEDULE OF QUANTITIES - TRACK - 7

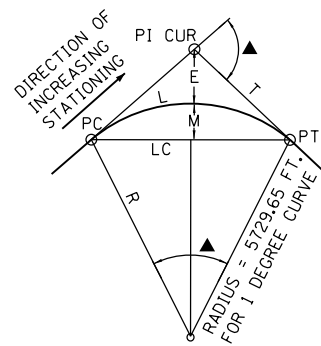
SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	46
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				





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### CIRCULAR CURVE USING CHORD DEFINITION

- R = RADIUS = 50/SIN (D/2)
- L<sub>c</sub> = LENGTH (CHORDED) = 100 \* Δ / D<sub>c</sub>
- L = LENGTH = π \* R \* Δ / 180
- T = TANGENT = R \* TAN (Δ/2)
- D<sub>c</sub> = DEGREE OF CURVATURE (CHORD)
- LC = LONG CHORD = 2R \* SIN (Δ/2)
- E = EXTERNAL = T \* TAN (Δ/4)
- Δ = CENTRAL ANGLE OF CIRCULAR CURVE

### NOTES

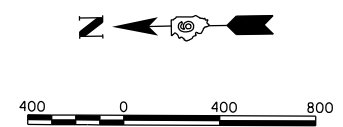
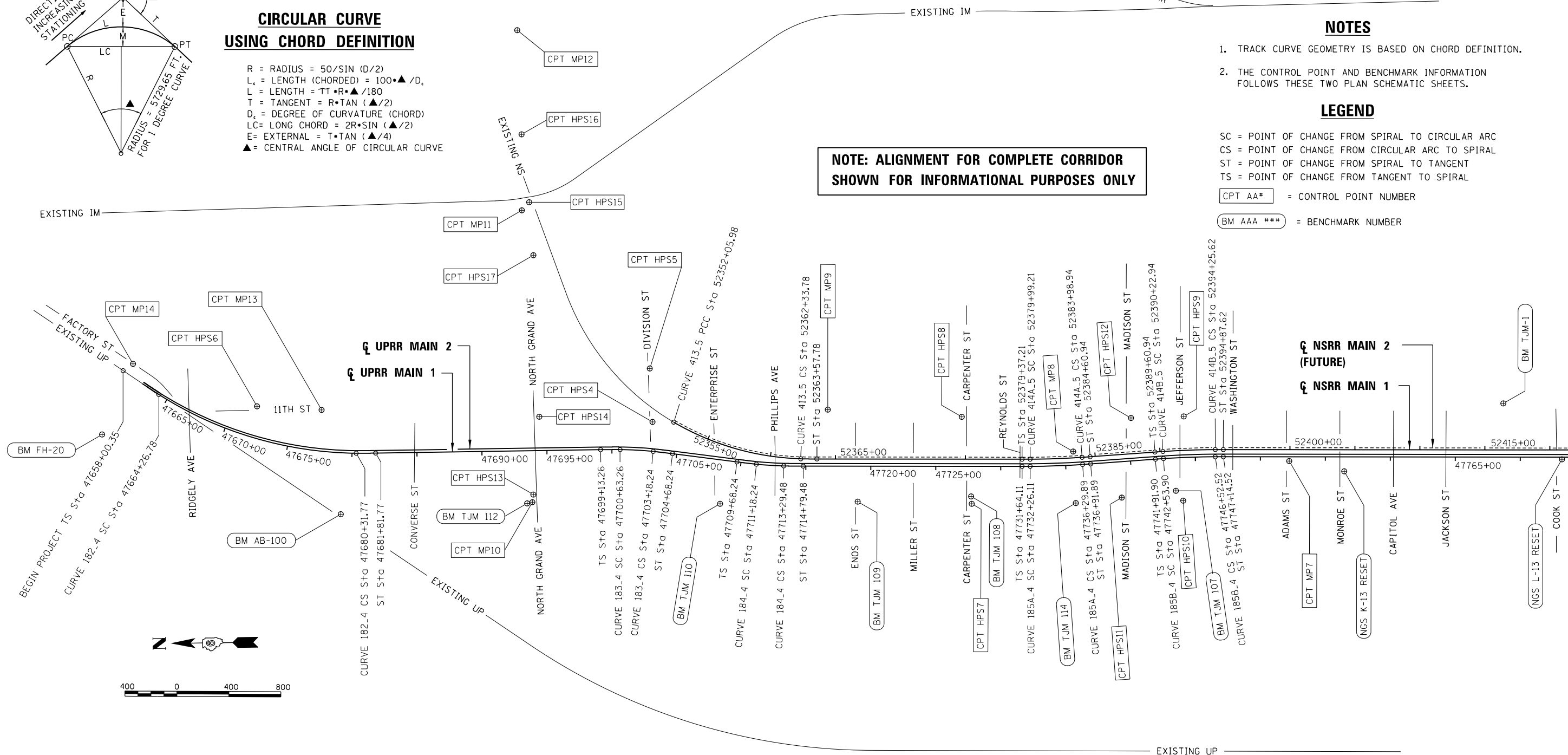
1. TRACK CURVE GEOMETRY IS BASED ON CHORD DEFINITION.
2. THE CONTROL POINT AND BENCHMARK INFORMATION FOLLOWS THESE TWO PLAN SCHEMATIC SHEETS.

### LEGEND

- SC = POINT OF CHANGE FROM SPIRAL TO CIRCULAR ARC
- CS = POINT OF CHANGE FROM CIRCULAR ARC TO SPIRAL
- ST = POINT OF CHANGE FROM SPIRAL TO TANGENT
- TS = POINT OF CHANGE FROM TANGENT TO SPIRAL

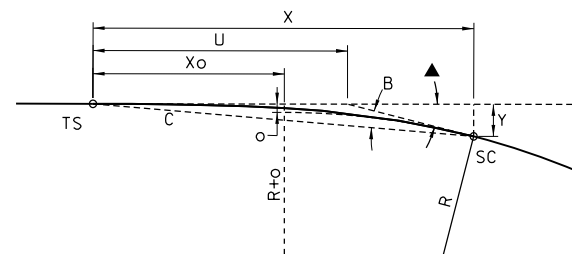
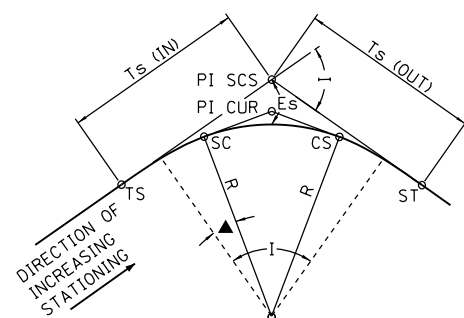
- CPT AA# = CONTROL POINT NUMBER
- BM AAA ### = BENCHMARK NUMBER

NOTE: ALIGNMENT FOR COMPLETE CORRIDOR SHOWN FOR INFORMATIONAL PURPOSES ONLY



### CIRCULAR CURVE WITH SPIRAL TRANSITION

- d = ks = kl/100; D = kS = kL/100
- δ = 1/2 ks^2 = dl/200; Δ = 1/2 kS^2 = DL/200
- a = 1/3 δ; B = 1/6 \* ks^2; A = 1/3 \* Δ = 1/6 \* kS^2
- b = 2/3 δ; B = 2/3 \* Δ
- Y = 0.58268s - 0.00001264 \* s^3
- X = l - 0.003048 \* s^2
- o = 0.1454 \* s \* Δ
- Xo = 1/2 \* L - 0.000508 S \* Δ^2
- TS = (R + o) TAN (1/2) + Xo
- ES = (R + o) EXSEC (1/2) + o
- Ls-in = Spiral Length from T.S. to S.C.
- Ls-out = Spiral Length from C.S. to S.T.



### SPIRAL TRANSITION DETAIL

### SPIRAL INFORMATION

- d = DEGREE OF CURVATURE OF THE SPIRAL AT ANY POINT
- l = LENGTH FROM THE TS OR ST TO ANY POINT ON THE SPIRAL HAVING COORDINATES X AND Y
- s = LENGTH l IN 100-FOOT STATIONS
- α = DEFLECTION ANGLE FROM THE TANGENT AT THE TS OR ST TO ANY POINT ON THE SPIRAL
- β = ORIENTATION ANGLE FROM THE TANGENT AT ANY POINT ON THE SPIRAL TO THE TS OR ST
- δ = CENTRAL ANGLE OF THE SPIRAL FROM THE TS OR ST TO ANY POINT ON THE SPIRAL
- D = DEGREE OF CIRCULAR CURVE
- L = TOTAL LENGTH OF SPIRAL IN FEET
- S = LENGTH L IN 100-FOOT STATIONS
- A = DEFLECTION ANGLE OF THE WHOLE SPIRAL
- B = ORIENTATION ANGLE OF THE WHOLE SPIRAL
- Δ = CENTRAL ANGLE OF THE WHOLE SPIRAL
- k = INCREASE IN DEGREE OF CURVATURE PER 100-FOOT STATION ALONG THE SPIRAL

FINAL

FILE NAME = D609L0179B-US4-FULL-CORRIDOR-RR-ALIGNMENT	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS ALIGNMENT TIES AND BENCHMARKS - TRACK - 1</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 800.0000' / in.	CHECKED - JWM/MNM	REVISED -	(109) VB,(110) VB-5			SANGAMON	382	48		
PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -	09L0179B			CONTRACT NO.	93733			
						666 & 666 ALT.	ILLINOIS FED. AID PROJECT			

MATCHLINE STATION 4774+00.00 (UPRR MAIN 1)



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### NOTES

1. TRACK CURVE GEOMETRY IS BASED ON CHORD DEFINITION.
2. THE CONTROL POINT AND BENCHMARK INFORMATION FOLLOWS THESE TWO PLAN SCHEMATIC SHEETS.

### LEGEND

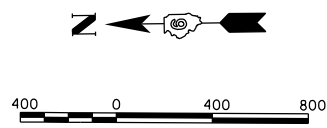
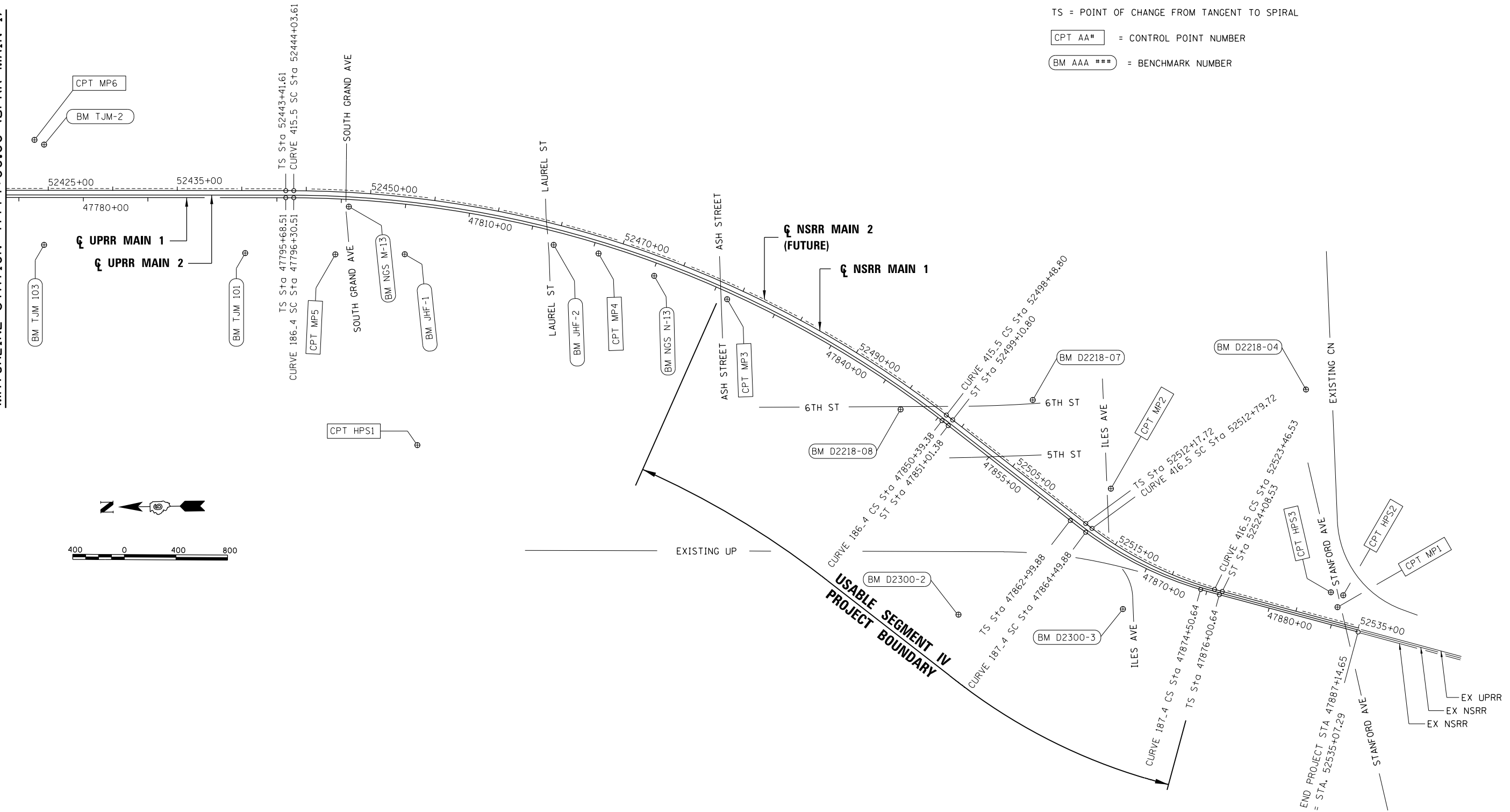
SC = POINT OF CHANGE FROM SPIRAL TO CIRCULAR ARC  
 CS = POINT OF CHANGE FROM CIRCULAR ARC TO SPIRAL  
 ST = POINT OF CHANGE FROM SPIRAL TO TANGENT  
 TS = POINT OF CHANGE FROM TANGENT TO SPIRAL

CPT AA# = CONTROL POINT NUMBER

BM AAA ### = BENCHMARK NUMBER

**NOTE: ALIGNMENT FOR COMPLETE CORRIDOR SHOWN FOR INFORMATIONAL PURPOSES ONLY**

MATCHLINE STATION 47774+00.00 (UPRR MAIN 1)



FINAL

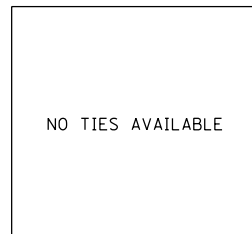
FILE NAME =	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
D609L0179B-US4-FULL-CORRIDOR-RR-ALIGNMENT		DRAWN - CLG	REVISED -
	PLOT SCALE = 800.0000' / in.	CHECKED - JWM/MNM	REVISED -
SHEET 2	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
ALIGNMENT TIES AND BENCHMARKS - TRACK - 2

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

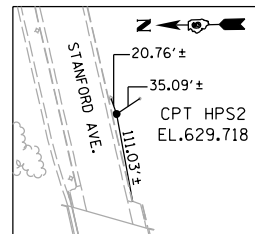
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	49
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



**CONTROL POINT #HPS1**

SET I.P. IN CENTER OF HANSON NW PROPERTY (GRASS AREA)

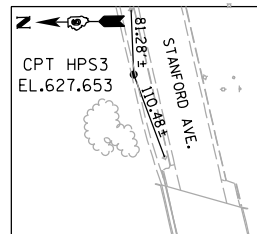
N 1,136,254.9375  
E 2,441,949.7000  
ELEV. 603.515



**CONTROL POINT #HPS2**

SET I.P. ON SOUTH SIDE OF STANFORD AVE. APPROX. 100' EAST OF BRIDGE OVER RAILROAD

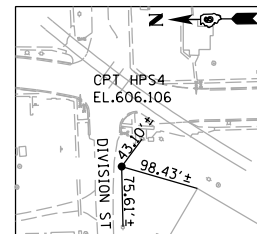
N 1,129,093.2707  
E 2,440,696.1637  
ELEV. 629.718



**CONTROL POINT #HPS3**

SET NAIL IN C OF SIDEWALK ON NORTH SIDE OF STANFORD AVENUE APPROX. 100' EAST OF BRIDGE OVER RAILROAD

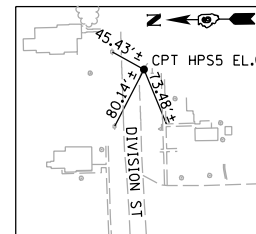
N 1,129,188.7267  
E 2,440,720.4267  
ELEV. 627.653



**CONTROL POINT #HPS4**

SET I.P. 7' SOUTH OF SOUTH EDGE OF DIVISION STREET AND 42' WEST OF RAILROAD SIGNAL IN SW QUADRANT

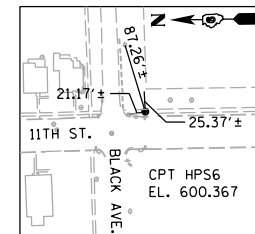
N 1,146,493.2417  
E 2,444,269.0733  
ELEV. 606.106



**CONTROL POINT #HPS5**

SET NAIL IN EP APPROX. MIDWAY OF RADIUS IN SW QUADRANT OF 12TH STREET AND DIVISION STREET

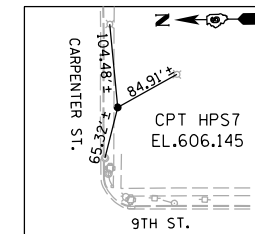
N 1,146,508.4440  
E 2,444,679.8280  
ELEV. 606.463



**CONTROL POINT #HPS6**

SET NAIL IN CONCRETE PATCH OF BRICK WALK APPROX. 20' SOUTH OF POWER POLE IN SE QUADRANT OF 11TH STREET AND BLACK AVE.

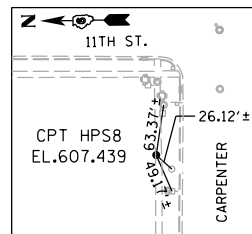
N 1,149,534.0340  
E 2,444,426.2573  
ELEV. 600.367



**CONTROL POINT #HPS7**

SET NAIL IN SIDEWALK APPROX. 50' EAST OF SE QUADRANT OF 9TH STREET AND CARPENTER STREET

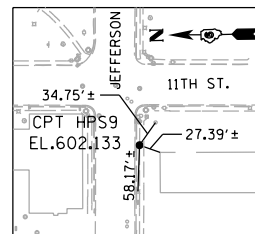
N 1,144,047.8910  
E 2,443,664.6555  
ELEV. 606.145



**CONTROL POINT #HPS8**

SET NAIL IN SIDEWALK APPROX. 50' WEST OF NW QUADRANT OF 11TH STREET AND CARPENTER STREET

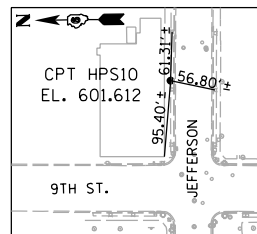
N 1,144,112.1030  
E 2,444,277.9075  
ELEV. 607.439



**CONTROL POINT #HPS9**

SET NAIL IN ASPHALT NORTH OF SIDEWALK APPROX. 50' WEST OF SW QUADRANT OF 11TH STREET AND JEFFERSON STREET

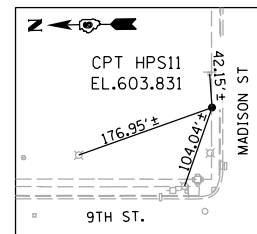
N 1,142,404.4865  
E 2,444,260.2030  
ELEV. 602.133



**CONTROL POINT #HPS10**

SET NAIL IN SIDEWALK APPROX. 100' EAST OF NE QUADRANT OF 9TH STREET AND JEFFERSON STREET

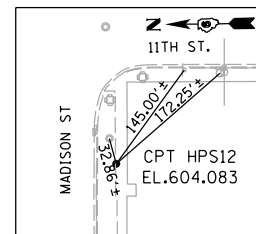
N 1,142,471.4950  
E 2,443,688.3390  
ELEV. 601.612



**CONTROL POINT #HPS11**

SET NAIL IN NORTH EDGE OF SIDEWALK APPROX. 50' EAST OF NE QUADRANT OF 9TH STREET AND MADISON STREET

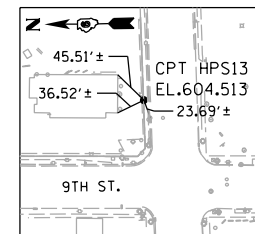
N 1,142,889.3595  
E 2,443,641.9680  
ELEV. 603.831



**CONTROL POINT #HPS12**

SET NAIL IN NORTH EDGE OF SIDEWALK APPROX. 50' WEST OF SW QUADRANT OF 11TH STREET AND MADISON STREET

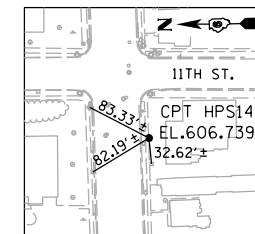
N 1,142,810.7985  
E 2,444,253.5245  
ELEV. 604.083



**CONTROL POINT #HPS13**

SET NAIL IN NORTH EDGE OF SIDEWALK APPROX. 75' EAST OF NE QUADRANT OF 9TH STREET AND NORTH GRAND AVENUE

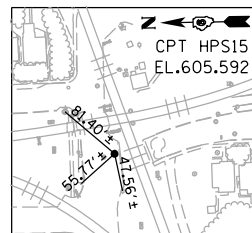
N 1,147,427.3920  
E 2,443,728.0820  
ELEV. 604.513



**CONTROL POINT #HPS14**

SET NAIL IN SOUTH EDGE OF SIDEWALK APPROX. 50' WEST OF SW QUAD OF 11TH STREET AND NORTH GRAND AVENUE

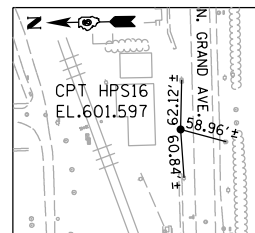
N 1,147,363.6315  
E 2,444,319.5005  
ELEV. 606.739



**CONTROL POINT #HPS15**

SET NAIL IN ASPHALT SHOULDER APPROX. 5' SOUTH OF SOUTH LANE OF NORTH GRAND AVENUE

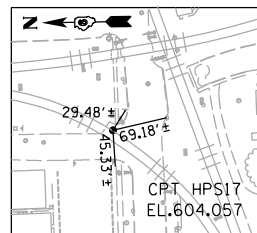
N 1,147,420.4275  
E 2,445,970.8030  
ELEV. 605.592



**CONTROL POINT #HPS16**

SET NAIL IN ASPHALT SOUTH OF SIDEWALK ON NORTH SIDE OF NORTH GRAND AVENUE AT MIRACLE RAINBOW AUTO DETAIL

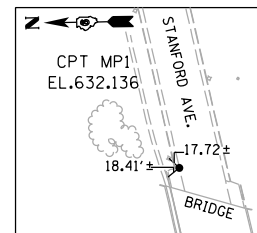
N 1,147,472.6290  
E 2,446,493.1190  
ELEV. 601.597



**CONTROL POINT #HPS17**

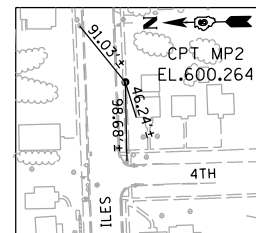
SET NAIL IN NORTH SIDE OF SIDEWALK ON SOUTH SIDE OF NORTH GRAND AVENUE AT 1340 NORTH GRAND AVENUE

N 1,147,393.5195  
E 2,445,562.4820  
ELEV. 604.057



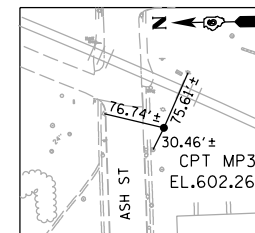
**CONTROL POINT #MP1**

N 1,129,138.4333  
E 2,440,604.2887  
ELEV. 632.136



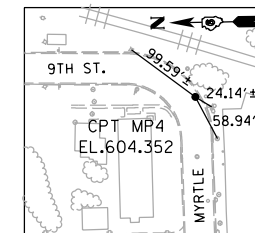
**CONTROL POINT #MP2**

N 1,130,883.7397  
E 2,441,544.8010  
ELEV. 600.264



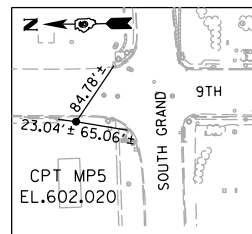
**CONTROL POINT #MP3**

N 1,133,839.4933  
E 2,443,050.6063  
ELEV. 602.267



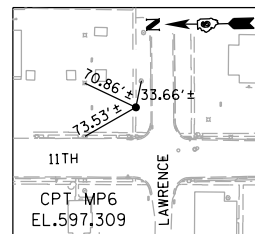
**CONTROL POINT #MP4**

N 1,134,831.5710  
E 2,443,417.7337  
ELEV. 604.352



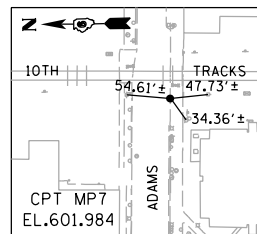
**CONTROL POINT #MP5**

N 1,136,871.4293  
E 2,443,436.5803  
ELEV. 602.020



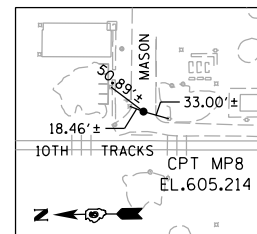
**CONTROL POINT #MP6**

N 1,139,192.0730  
E 2,444,353.7153  
ELEV. 597.309



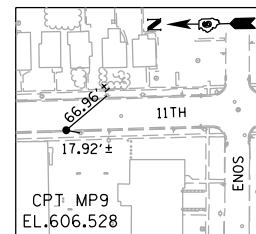
**CONTROL POINT #MP7**

N 1,141,597.3217  
E 2,443,906.9077  
ELEV. 601.984



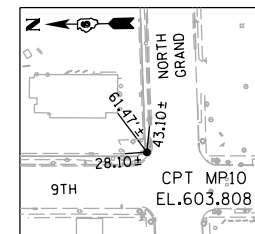
**CONTROL POINT #MP8**

N 1,143,258.4373  
E 2,444,000.7783  
ELEV. 605.214



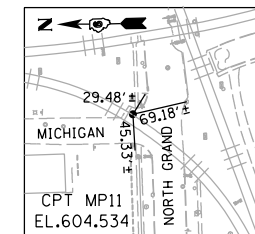
**CONTROL POINT #MP9**

N 1,145,143.1010  
E 2,444,346.2403  
ELEV. 606.528



**CONTROL POINT #MP10**

N 1,147,424.3633  
E 2,443,662.8833  
ELEV. 603.808



**CONTROL POINT #MP11**

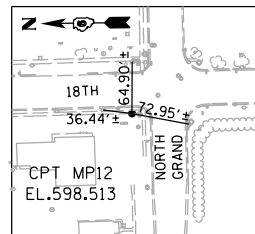
N 1,147,478.3917  
E 2,445,909.3707  
ELEV. 604.534

**NOTES:**

CONTROL POINT CROSS TIES ARE APPROXIMATE  
REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM  
WEST ZONE DATUM OF NAD 83 (2011)  
ORTHO HEIGHT: NAVD88 (GEOID 12A)

**NOTE: BOLD TITLES INDICATE POINTS WITHIN USABLE SEGMENT IV LIMITS**

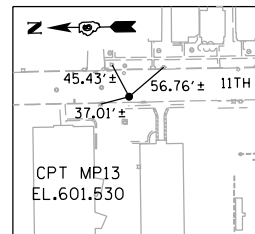
FILE NAME = D609L0179B-ATB_SHT_US4_02.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS ALIGNMENT TIES AND BENCHMARKS - TRACK - 3</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Plot Scale = 1:200.0000 "/>										
Plot Date = 6/26/2019	DATE - 06/26/2019	CHECKED - JWM/MNM	REVISED -			09L0179B	SANGAMON	382	50	
Detail	DATE - 06/26/2019	DATE - 06/26/2019	REVISED -			CONTRACT NO. 93733	ILLINOIS	FED. AID PROJECT		



**CONTROL POINT #MP12**

SEE TIE ABOVE

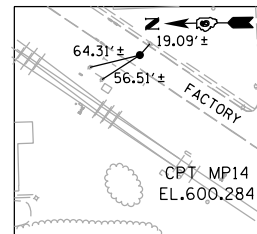
N 1,147,495.9547  
E 2,447,295.4817  
ELEV. 598.513



**CONTROL POINT #MP13**

SEE TIE ABOVE

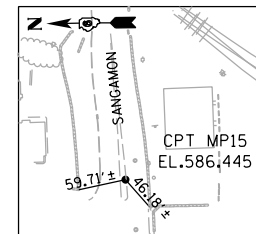
N 1,149,038.9733  
E 2,444,390.1813  
ELEV. 601.530



**CONTROL POINT #MP14**

SEE TIE ABOVE

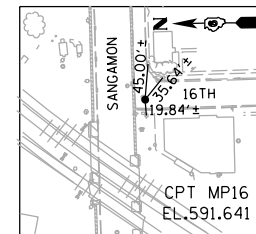
N 1,150,484.6283  
E 2,444,765.1777  
ELEV. 600.284



**CONTROL POINT #MP15**

SEE TIE ABOVE

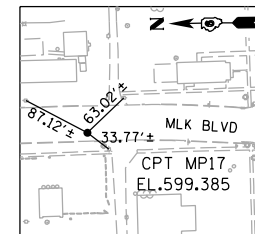
N 1,152,762.7927  
E 2,445,944.0463  
ELEV. 586.445



**CONTROL POINT #MP16**

SEE TIE ABOVE

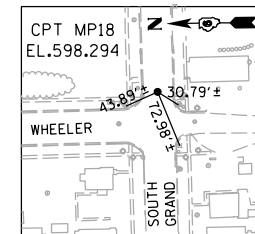
N 1,152,745.9277  
E 2,446,352.2323  
ELEV. 591.641



**CONTROL POINT #MP17**

SEE TIE ABOVE

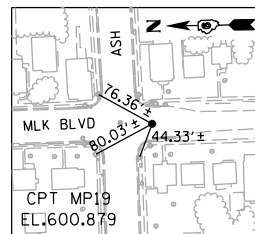
N 1,137,071.1653  
E 2,447,107.1640  
ELEV. 599.385



**CONTROL POINT #MP18**

SEE TIE ABOVE

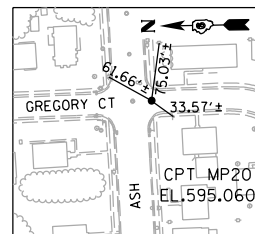
N 1,136,862.1420  
E 2,448,862.5450  
ELEV. 598.294



**CONTROL POINT #MP19**

SEE TIE ABOVE

N 1,133,938.3877  
E 2,447,164.0030  
ELEV. 600.879



**CONTROL POINT #MP20**

SEE TIE ABOVE

N 1,134,046.4667  
E 2,448,992.6143  
ELEV. 595.060

**NOTES:**

CONTROL POINT CROSS TIES ARE APPROXIMATE

REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM  
WEST ZONE DATUM OF NAD 83 (2011)  
ORTHO HEIGHT: NAVD88 (GEOID 12A)

**NOTE: BOLD TITLES INDICATE POINTS WITHIN  
USABLE SEGMENT IV PROJECT LIMITS**

**BENCHMARK BM AB-100**

ELEV. 602.140

CHISELED SQUARE ON SW WINGWALL ON RR BRIDGE  
OVER 9TH STREET (NORTH OF NORTH GRAND AVE.)

N 1,148,900  
E 2,443,589

**BENCHMARK BM B DISK**

ELEV. 602.114

BRASS DISK ON SE WINGWALL ON RR BRIDGE  
OVER 9TH STREET (NORTH OF NORTH GRAND AVE.)

(NO COORDINATES AVAILABLE)

**BENCHMARK D2218-04**

ELEV. 604.463

CHISELED SQUARE ON WEST SIDE OF MAST ARM  
FOUNDATION - NE QUADRANT OF 6TH STREET  
AND STANFORD AVE.

N 1,129,362  
E 2,442,295

**BENCHMARK D2218-07**

ELEV. 598.884

CHISELED X ON WEST BOLT OF FIRE HYDRANT  
SE QUADRANT OF 6TH STREET AND WELLESLEY AVE.

N 1,131,481  
E 2,442,240

**BENCHMARK D2218-08**

ELEV. 593.355

CHISELED X ON NORTH END OF RETAINING WALL  
SE QUADRANT OF 6TH STREET AND BROAD PLACE

N 1,132,506  
E 2,442,180

**BENCHMARK D2300-2**

ELEV. 603.234

CHISELED X ON WEST BOLT OF FIRE HYDRANT  
WEST SIDE OF 1ST STREET AT INTERSECTION  
WITH NORTH BONNIE COURT

N 1,132,077  
E 2,440,583

**BENCHMARK D2300-3**

ELEV. 604.498

CHISELED X ON WEST BOLT OF FIRE HYDRANT  
NW QUADRANT OF 1ST STREET AND HIGHLAND AVE.

N 1,130,802  
E 2,440,611

**BENCHMARK JHF-1**

ELEV. 607.422

CHISELED X ON SE BOLT OF FIRE HYDRANT  
SW QUADRANT OF 9TH STREET AND PINE STREET

N 1,136,334  
E 2,443,431

**BENCHMARK JHF-2**

ELEV. 605.788

CHISELED X ON SW BOLT OF GAS STATION SIGN  
SE QUADRANT OF 9TH STREET AND LAUREL STREET

N 1,135,179  
E 2,443,489

**BENCHMARK TJM 101**

ELEV. 600.186

CHISELED X ON WEST BOLT OF FIRE HYDRANT  
NW QUADRANT 9TH STREET AND ALLEN STREET

N 1,137,570  
E 2,443,455

**BENCHMARK TJM 103**

ELEV. 597.757

CHISELED X ON WEST BOLT OF FIRE HYDRANT  
SE QUADRANT OF 9TH STREET AND LAWRENCE STREET NE

N 1,139,128  
E 2,443,538

**BENCHMARK TJM 107**

ELEV. 603.007

CHISELED X ON WEST BOLT OF FIRE HYDRANT  
SE QUADRANT OF 9TH STREET AND JEFFERSON STREET SE

N 1,142,416  
E 2,443,612

**BENCHMARK TJM 108**

ELEV. 607.145

CHISELED X ON SW BOLT OF FIRE HYDRANT  
SE QUADRANT 9TH STREET AND CARPENTER STREET

N 1,144,044  
E 2,443,608

**BENCHMARK TJM 109**

ELEV. 606.418

CHISELED X ON WEST BOLT OF FIRE HYDRANT  
SE QUADRANT 9TH STREET AND ENOS STREET

N 1,144,922  
E 2,443,636

**BENCHMARK TJM 110**

ELEV. 606.239

CHISELED X ON WEST BOLT OF FIRE HYDRANT  
SE QUADRANT OF 9TH STREET AND ENTERPRISE STREET

N 1,145,981  
E 2,443,633

**BENCHMARK TJM 112**

ELEV. 604.856

CHISELED SQUARE ON SW CORNER CONTROLLER  
BOX FOUNDATION - NE QUADRANT OF 9TH  
STREET AND NORTH GRAND AVENUE

N 1,147,465  
E 2,443,654

**BENCHMARK TJM 114**

ELEV. 605.652

CHISELED X ON SW BOLT OF FIRE HYDRANT  
SE QUADRANT 9TH STREET AND MASON STREET

N 1,143,243  
E 2,443,604

**BENCHMARK TJM-1**

ELEV. 598.122

CHISELED X ON WEST BOLT OF FIRE HYDRANT  
SE QUADRANT OF 11TH STREET AND EDWARDS STREET

N 1,139,944  
E 2,444,329

**BENCHMARK TJM-2**

ELEV. 597.536

CHISELED X ON WEST BOLT OF FIRE HYDRANT - SE  
QUADRANT OF 11TH STREET AND LAWRENCE STREET

N 1,139,118  
E 2,444,316

**BENCHMARK TJM-3**

ELEV. 599.939

CHISELED X ON WEST BOLT OF FIRE HYDRANT  
SE QUADRANT OF 11TH STREET AND KANSAS STREET

N 1,137,917  
E 2,444,297

**BENCHMARK FH-20**

ELEV. 596.758

CHISELED SQUARE ON NW CORNER FOUNDATION  
OF SIGN - EAST SIDE OF 9TH STREET SOUTH  
OF GARFIELD AVENUE

N 1,150,729  
E 2,444,225

**BENCHMARK FH-21**

ELEV. 590.711

CHISELED X ON NW BOLT OF FIRE HYDRANT  
EAST SIDE OF PEORIA ROAD BETWEEN PERCY  
AVENUE AND GRIFFITHS AVENUE

N 1,151,716  
E 2,444,878

**BENCHMARK FH-8**

ELEV. 590.143

CHISELED SQUARE ON NORTHWEST CORNER MAST  
ARM FOUNDATION - SE QUADRANT OF PEORIA ROAD  
AND SANGAMON AVENUE

N 1,152,707  
E 2,445,538

**BENCHMARK FH-9**

ELEV. 591.932

CHISELED SQUARE ON WEST END OF RETAINING  
WALL - SOUTH SIDE OF SANGAMON AVENUE  
ACROSS FROM 15TH STREET

N 1,152,733  
E 2,445,909

**BENCHMARK NGS K-13 RESET**

ELEV. 598.961

BRASS DISK ON STATE JOURNAL REGISTER  
PROPERTY - MONROE STREET

N 1,141,175  
E 2,443,822

**BENCHMARK NGS L-13 RESET**

ELEV. 599.392

BRASS DISK ON SW CORNER RR BRIDGE ABUTMENT  
COOK STREET UNDERPASS

N 1,139,498  
E 2,443,894

**BENCHMARK NGS M-13**

ELEV. 598.414

BRASS DISK ON SW CORNER RR BRIDGE ABUTMENT  
SOUTH GRAND AVENUE UNDERPASS

N 1,136,762  
E 2,443,805

**BENCHMARK NGS N-13**

ELEV. 601.40

BRASS DISK AT NE CORNER ILES PARK  
OAK STREET AND WEST SIDE OF RAILROAD

N 1,134,403  
E 2,443,239

FILE NAME =	D609L0179B-ATB_SHT_US4_02.dgn
USER NAME =	Pop00275
DESIGNED -	GCN
DRAWN -	CLG
CHECKED -	JWM/MNM
DATE -	06/26/2019

DESIGNED -	GCN	REVISED -	
DRAWN -	CLG	REVISED -	
CHECKED -	JWM/MNM	REVISED -	
DATE -	06/26/2019	REVISED -	

DESIGNED -	GCN	REVISED -	
DRAWN -	CLG	REVISED -	
CHECKED -	JWM/MNM	REVISED -	
DATE -	06/26/2019	REVISED -	

DESIGNED -	GCN	REVISED -	
DRAWN -	CLG	REVISED -	
CHECKED -	JWM/MNM	REVISED -	
DATE -	06/26/2019	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
ALIGNMENT TIES AND BENCHMARKS - TRACK - 4

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	51
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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UPRR MAIN 1 ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
BEGIN	BEGIN	BEGIN	47658+00.35	2,366.35'	S 34°42'27" W	1,150,804.9579	2,444,882.8391
CURVE 182_4	TOTAL DELTA = 34°51'23" LT	TS	47662+76.78	476.43'	S 34°42'27" W	1,150,413.2992	2,444,611.5650
	DELTA = 31°52'38" LT	SC	47664+26.78	150.00'	S 33°13'05" W	1,150,289.2571	2,444,527.2310
	DEGREE (chord) = 1°59'10"						
	R = 2,884.93'	PI SC	47672+57.52			1,149,607.0628	2,444,053.1425
	L = 1,604.99'	PI CUR	47672+50.68			1,149,599.9907	2,444,075.8773
	T = 823.90'						
	LS-in = 150.0', Se=2.5" - DS = 50 MPH	CS	47680+31.77	1,604.99'	S 1°20'27" W	1,148,776.3180	2,444,056.5986
	LS-out = 150.0', Se=2.5" - DS = 50 MPH	ST	47681+81.77	150.00'	S 0°08'55" E	1,148,626.3253	2,444,055.6881
CURVE 183_4	TOTAL DELTA = 8°05'58" RT	TS	47699+13.26	1,731.49'	S 0°08'55" E	1,146,894.8359	2,444,060.1824
	DELTA = 5°05'58" RT	SC	47700+63.26	150.00'	S 1°21'04" W	1,146,744.8433	2,444,059.2628
	DEGREE (chord) = 2°00'00"						
	R = 2,864.93'	PI SC	47701+91.12			1,146,616.9820	2,444,060.9036
	L = 254.98'	PI CUR	47701+90.84			1,146,617.2990	2,444,056.2544
	T = 127.58'						
	LS-in = 150.0', Se=2.5" - DS = 50 MPH	CS	47703+18.24	254.98'	S 6°27'03" W	1,146,490.5269	2,444,041.9208
	LS-out = 150.0', Se=2.5" - DS = 50 MPH	ST	47704+68.24	150.00'	S 7°57'03" W	1,146,341.7980	2,444,022.4704
CURVE 184_4	TOTAL DELTA = 7°10'28" LT	TS	47709+68.24	500.00'	S 7°57'03" W	1,145,846.6042	2,443,953.3100
	DELTA = 4°11'44" LT	SC	47711+18.24	150.00'	S 6°27'40" W	1,145,697.8763	2,443,933.8505
	DEGREE (chord) = 1°59'10"						
	R = 2,884.93'	PI SC	47712+24.12			1,145,593.1851	2,443,917.9166
	L = 211.24'	PI CUR	47712+23.91			1,145,592.8766	2,443,921.9594
	T = 105.67'						
	LS-in = 150.0', Se=2.5" - DS = 50 MPH	CS	47713+29.48	211.24'	S 2°15'57" W	1,145,487.2883	2,443,917.7818
	LS-out = 150.0', Se=2.5" - DS = 50 MPH	ST	47714+79.48	150.00'	S 0°46'34" W	1,145,337.3298	2,443,914.4503
CURVE 185A_4	TOTAL DELTA = 4°13'21" LT	TS	47731+64.11	1,684.63'	S 0°46'34" W	1,143,652.8528	2,443,891.6289
	DELTA = 3°39'37" LT	SC	47732+26.11	62.00'	S 0°29'43" W	1,143,590.8572	2,443,890.8903
	DEGREE (chord) = 0°54'23"						
	R = 6320.5153'	PI SC	47734+28.11			1,143,388.8758	2,443,888.0525
	L = 403.79'	PI CUR	47734+28.07			1,143,388.9012	2,443,889.1449
	T = 201.96'						
	LS-in = 62.0', Se=0.75" - DS = 50 MPH	CS	47736+29.89	403.78'	S 3°09'55" E	1,143,187.2457	2,443,900.2963
	LS-out = 62.0', Se=0.75" - DS = 50 MPH	ST	47736+91.89	62.00'	S 3°26'46" E	1,143,125.3519	2,443,903.9220
CURVE 185B_4	TOTAL DELTA = 4°13'21" RT	TS	47741+91.90	500.01'	S 3°26'46" E	1,142,626.2560	2,443,933.9777
	DELTA = 3°39'15" RT	SC	47742+53.90	62.00'	S 3°09'43" E	1,142,564.3621	2,443,937.6023
	DEGREE (chord) = 0°55'00"						
	R = 6250.52'	PI SC	47744+53.32			1,142,365.3080	2,443,949.6921
	L = 398.63'	PI CUR	47744+53.28			1,142,365.2825	2,443,948.6003
	T = 199.38'						
	LS-in = 62.0', Se=0.75" - DS = 50 MPH	CS	47746+52.52	398.62'	S 0°29'31" W	1,142,165.9067	2,443,946.8881
	LS-out = 62.0', Se=0.75" - DS = 50 MPH	ST	47747+14.52	62.00'	S 0°46'34" W	1,142,103.9112	2,443,946.1507
CURVE 186_4	TOTAL DELTA = 37°50'24" RT	TS	47795+68.51	4,853.99'	S 0°46'34" W	1,137,250.3666	2,443,880.3946
	DELTA = 37°24'41" RT	SC	47796+30.51	62.00'	S 0°59'26" W	1,137,188.3734	2,443,879.4774
	DEGREE (chord) = 0°41'30"						
	R = 8,283.78'	PI SC	47824+38.93			1,134,380.2106	2,443,841.5096
	L = 5,408.86'	PI CUR	47824+35.33			1,134,383.9778	2,443,830.9860
	T = 2,804.81'						
	LS-in = 62.0', Se=0.75" - DS = 50 MPH	CS	47850+39.38	5,408.87'	S 38°24'07" W	1,132,185.9211	2,442,088.7080
	LS-out = 62.0', Se=0.75" - DS = 50 MPH	ST	47851+01.38	62.00'	S 38°36'59" W	1,132,137.4297	2,442,050.0741
CURVE 187_4	TOTAL DELTA = 22°51'20" LT	TS	47862+99.88	1,198.50'	S 38°36'59" W	1,131,200.9883	2,441,302.0856
	DELTA = 19°52'35" LT	SC	47864+49.88	150.00'	S 37°07'37" W	1,131,082.9836	2,441,209.4921
	DEGREE (chord) = 1°59'10"						
	R = 2,884.93'	PI SC	47869+58.10			1,130,686.6919	2,440,891.2880
	L = 1,000.76'	PI CUR	47869+55.36			1,130,679.9607	2,440,904.3918
	T = 505.48'						
	LS-in = 150.0', Se=2.5" - DS = 50 MPH	CS	47874+50.64	1,000.76'	S 17°15'02" W	1,130,197.2149	2,440,754.4914
	LS-out = 150.0', Se=2.5" - DS = 50 MPH	ST	47876+00.64	150.00'	S 15°45'39" W	1,130,053.2172	2,440,712.4997
END	END	END	47887+14.65	1,114.01'	S 15°45'39" W	1,128,981.0886	2,440,409.9081

UPRR MAIN 2 ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
BEGIN	BEGIN	BEGIN	57658+00.00		S 34°42'27" W	1,150,796.9865	2,444,894.3480
CURVE 182_5	TOTAL DELTA = 34°51'23" LT	TS	57662+67.82	467.82'	S 34°42'27" W	1,150,412.4103	2,444,627.9795
	DELTA = 31°51'23" LT	SC	57664+17.82	150.00'	S 33°12'28" W	1,150,288.3632	2,444,543.6531
	DEGREE (chord) = 2°00'00"						
	R = 2,864.93'	PI SC	57672+42.28			1,149,611.3346	2,444,073.1315
	L = 1,592.82'	PI CUR	57672+35.44			1,149,604.2643	2,444,095.8606
	T = 817.62'						
	LS-in = 150.0', Se=2.5" - DS = 50 MPH	CS	57680+10.64	1,592.82'	S 1°21'04" W	1,148,786.8674	2,444,076.5803
	LS-out = 150.0', Se=2.5" - DS = 50 MPH	ST	57681+60.64	150.00'	S 0°08'55" E	1,148,636.8748	2,444,075.6608
CURVE 187_5	TOTAL DELTA = 22°51'20" LT	TS	57863+15.65	1,211.38'	S 38°36'59" W	1,131,178.4483	2,441,309.6786
	DELTA = 19°51'20" LT	SC	57864+65.65	150.00'	S 37°06'59" W	1,131,060.4381	2,441,217.0923
	DEGREE (chord) = 2°00'00"						
	R = 2,864.93'	PI SC	57869+69.83			1,130,667.3103	2,440,901.4039
	L = 992.78'	PI CUR	57869+67.09			1,130,660.5815	2,440,914.5031
	T = 501.44'						
	LS-in = 150.0', Se=2.5" - DS = 50 MPH	CS	57874+58.43	992.78'	S 17°15'39" W	1,130,181.7211	2,440,765.7139
	LS-out = 150.0', Se=2.5" - DS = 50 MPH	ST	57876+08.43	150.00'	S 15°45'39" W	1,130,037.7260	2,440,723.7135
END	END	END	57887+10.58	1,102.15'	S 15°45'39" W	1,128,977.0142	2,440,424.3441

UPRR MAIN 2 IS SET 20' LEFT OF UPRR MAIN 1 EXCEPT FOR THE CURVES LISTED ABOVE.

FINAL

FILE NAME =	USER NAME = Pop00275
D609L0179B-sh-t-ATB-01.dgn	
Tables	

DESIGNED - GCN	REVISIED -
DRAWN - CLG	REVISIED -
CHECKED - JWM/MNM	REVISIED -
DATE - 06/26/2019	REVISIED -

PLOT SCALE = 800.0000' / in.	
PLOT DATE = 6/26/2019	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
GEOMETRY TABLES - TRACK - 1

SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	52
	09L0179B	CONTRACT NO.	93733	

*666 & 666 ALT.	ILLINOIS FED. AID PROJECT
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NSRR MAIN 1 ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
CURVE 413_5	TOTAL DELTA = 30°17'58" LT	PCC	52352+05.98		S 31°04'32" W	1,146,329.2745	2,444,264.7596
	DELTA = 28°34'33" LT	PI SCS	52357+64.62			1,145,850.8145	2,443,976.4120
	DEGREE (chord) = 2°46'49"	PI CUR	52357+30.86			1,145,879.7262	2,443,993.8359
	R = 2,060.99'						
	L = 1,027.80'						
	T = 524.87'						
CURVE 414A_5	TOTAL DELTA = 4°13'21" LT	TS	52379+37.21	1,579.43'	S 0°46'34" W	1,143,652.1077	2,443,946.6238
	DELTA = 3°39'20" LT	SC	52379+99.21	62.00'	S 0°29'34" W	1,143,590.1122	2,443,945.8862
	DEGREE (chord) = 0°54'52"	PI SCS	52381+99.18			1,143,390.1580	2,443,943.0749
	R = 6,265.52'	PI CUR	52381+99.15			1,143,390.1835	2,443,944.1668
	L = 399.73'						
	T = 199.94'						
CURVE 414B_5	TOTAL DELTA = 4°13'21" LT	TS	52389+60.94	500.00'	S 3°09'46" E	1,143,190.5519	2,443,955.1977
	DELTA = 3°39'33" LT	SC	52390+22.94	62.00'	S 3°26'46" E	1,142,629.5621	2,443,988.8782
	DEGREE (chord) = 0°54'31"	PI SCS	52392+24.39			1,142,366.5902	2,444,004.7145
	R = 6,305.52'	PI CUR	52392+24.35			1,142,366.5648	2,444,003.6223
	L = 402.68'						
	T = 201.41'						
CURVE 415_5	TOTAL DELTA = 37°50'24" RT	TS	52443+41.61	4,853.99'	S 0°46'34" W	1,137,249.6214	2,443,935.3895
	DELTA = 37°24'51" RT	SC	52444+03.61	62.00'	S 0°59'21" W	1,137,187.6283	2,443,934.4728
	DEGREE (chord) = 0°41'14"	PI SCS	52472+30.88			1,134,360.6150	2,443,896.2491
	R = 8,338.78'	PI CUR	52472+27.28			1,134,364.3824	2,443,885.7252
	L = 5,445.19'						
	T = 2,823.67'						
CURVE 416_5	TOTAL DELTA = 22°51'20" LT	TS	52511+86.69	1,275.89'	S 38°24'12" W	1,132,151.5952	2,442,131.6822
	DELTA = 20°20'42" LT	SC	52513+10.69	124.00'	S 38°36'59" W	1,132,103.1041	2,442,093.0480
	DEGREE (chord) = 2°01'29"	PI SCS	52518+20.77			1,131,106.1988	2,441,296.7635
	R = 2,829.93'	PI CUR	52518+18.47			1,131,008.7518	2,441,220.0860
	L = 1,004.82'						
	T = 507.78'						
END	END	END	52535+07.22	1,067.72'	S 16°23'19" W	1,130,119.6026	2,440,763.3488
					S 15°45'39" W	1,130,000.5162	2,440,728.7976
					S 15°45'39" W	1,128,972.9399	2,440,438.7802

NSRR MAIN 2 IS SET 15' LEFT OF NSRR MAIN 1

FINAL

FILE NAME =	USER NAME = Pop00275
D609L0179B-sh-t-ATB-01.dgn	
Tables2	

DESIGNED - GCN	REVISOR -
DRAWN - CLG	REVISED -
CHECKED - JWM/MNM	REVISED -
DATE - 06/26/2019	REVISED -

DESIGNED - GCN	REVISOR -
DRAWN - CLG	REVISED -
CHECKED - JWM/MNM	REVISED -
DATE - 06/26/2019	REVISED -

DESIGNED - GCN	REVISOR -
DRAWN - CLG	REVISED -
CHECKED - JWM/MNM	REVISED -
DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

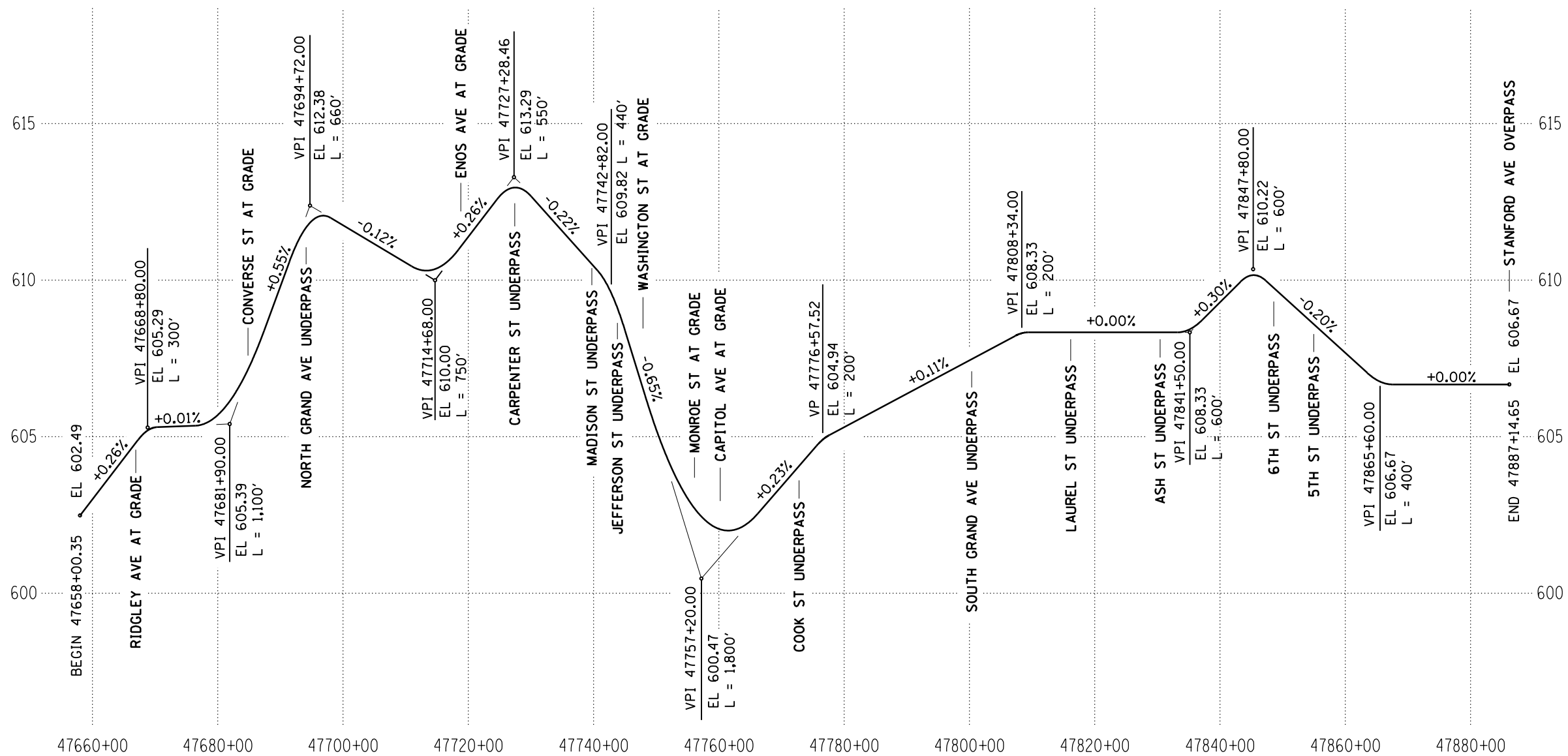
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
GEOMETRY TABLES - TRACK - 2**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	53
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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**SCHMATIC TRACK PROFILE UPRR MAIN 1**  
N.T.S.

- NOTES:**
- 1) DESIGN SPEED = 50 MPH FOR NSRR AND UPRR.
  - 2) RULING GRADE FOR UPRR = 0.65%.

FINAL

FILE NAME = D609L0179B-Schematic\_RR\_Profile\_US4.dgn  
SHEET 1

USER NAME = Pop00275  
DESIGNED - GCN  
DRAWN - CLG  
CHECKED - JWM/MNM  
DATE - 06/26/2019

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
PROFILE SCHEMATIC - TRACK

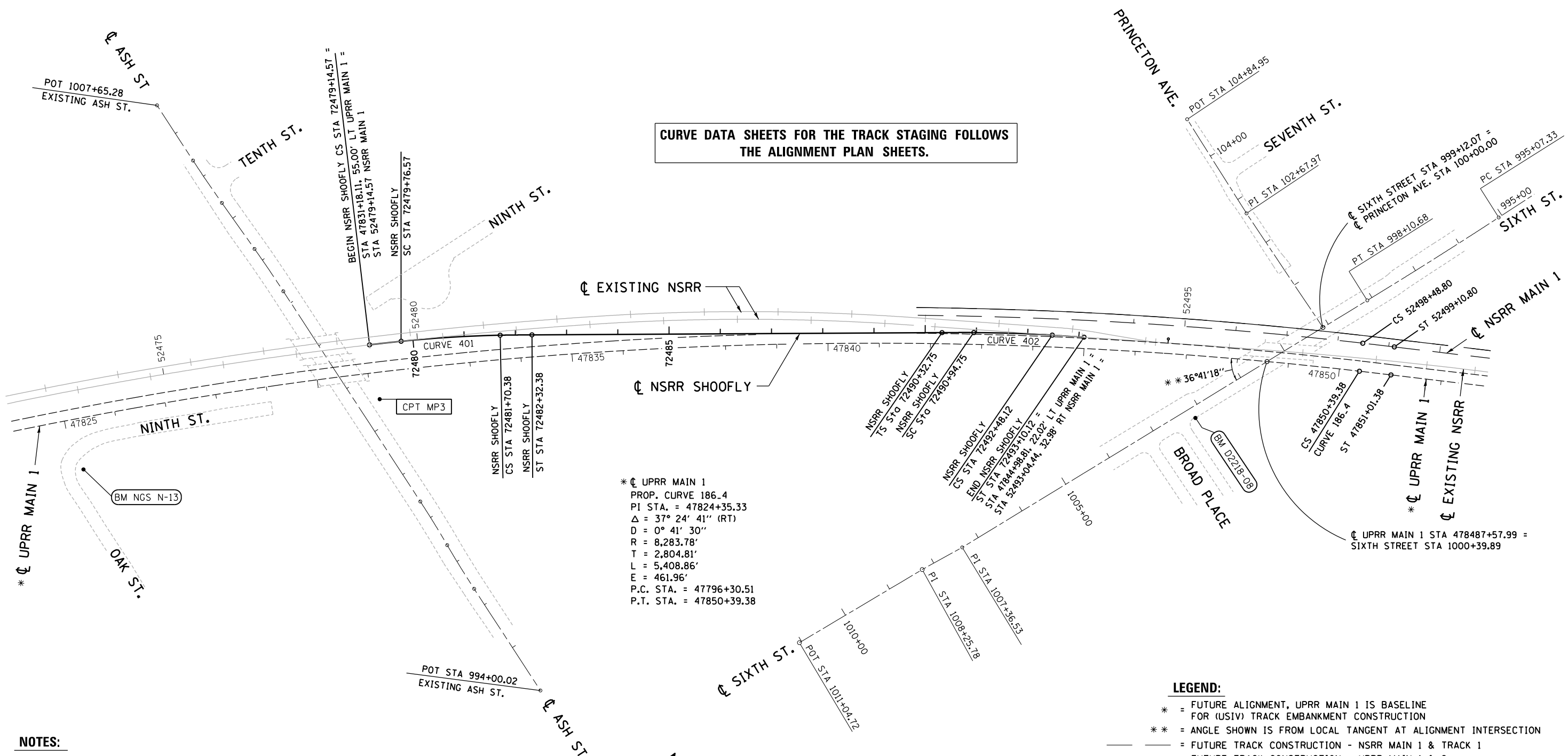
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	54
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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CURVE DATA SHEETS FOR THE TRACK STAGING FOLLOWS THE ALIGNMENT PLAN SHEETS.



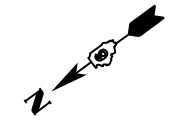
\* UPRR MAIN 1  
 PROP. CURVE 186.4  
 PI STA. = 47824+35.33  
 $\Delta = 37^\circ 24' 41''$  (RT)  
 $D = 0^\circ 41' 30''$   
 $R = 8,283.78'$   
 $T = 2,804.81'$   
 $L = 5,408.86'$   
 $E = 461.96'$   
 P.C. STA. = 47796+30.51  
 P.T. STA. = 47850+39.38

**NOTES:**

1. REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM WEST ZONE DATUM OF NAD 83 (2011) ORTHO HEIGHT: NAVD88 (GEOID 12A)
2. TRACK CURVE GEOMETRY IS BASED ON CHORD DEFINITION.
3. ROAD CURVE GEOMETRY IS BASED ON ARC DEFINITION.

**LEGEND:**

- \* = FUTURE ALIGNMENT, UPRR MAIN 1 IS BASELINE FOR (USIV) TRACK EMBANKMENT CONSTRUCTION
- \*\* = ANGLE SHOWN IS FROM LOCAL TANGENT AT ALIGNMENT INTERSECTION
- = FUTURE TRACK CONSTRUCTION - NSRR MAIN 1 & TRACK 1
- - - = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- 40000 SERIES = UPRR MAIN 1
- 50000 SERIES = NSRR MAIN 1
- 70000 SERIES = NSRR SHOOFLY - STAGE 2 ALIGNMENT
- 80000 *ITALICS* SERIES = TEMPORARY NSRR MAIN 1 - STAGE 3 ALIGNMENT
- 80000 SERIES = NSRR INTERIM - STAGE 4 ALIGNMENT
- 90000 SERIES = NSRR TRACK 1 CONNECTION - STAGE 4 ALIGNMENT



FINAL

FILE NAME = D609L0179B-ATB\_SHT\_US4\_01.dgn  
 STAGE 2

USER NAME = Pop00275  
 PLOT SCALE = 200.0000' / in.  
 PLOT DATE = 6/26/2019

DESIGNED - GCN  
 DRAWN - CLG  
 CHECKED - JWM/MNM  
 DATE - 06/26/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 ALIGNMENT - TRACK - 1

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	55
	09L0179B	CONTRACT NO.	93733	

\*666 & 666 ALT. ILLINOIS FED. AID PROJECT



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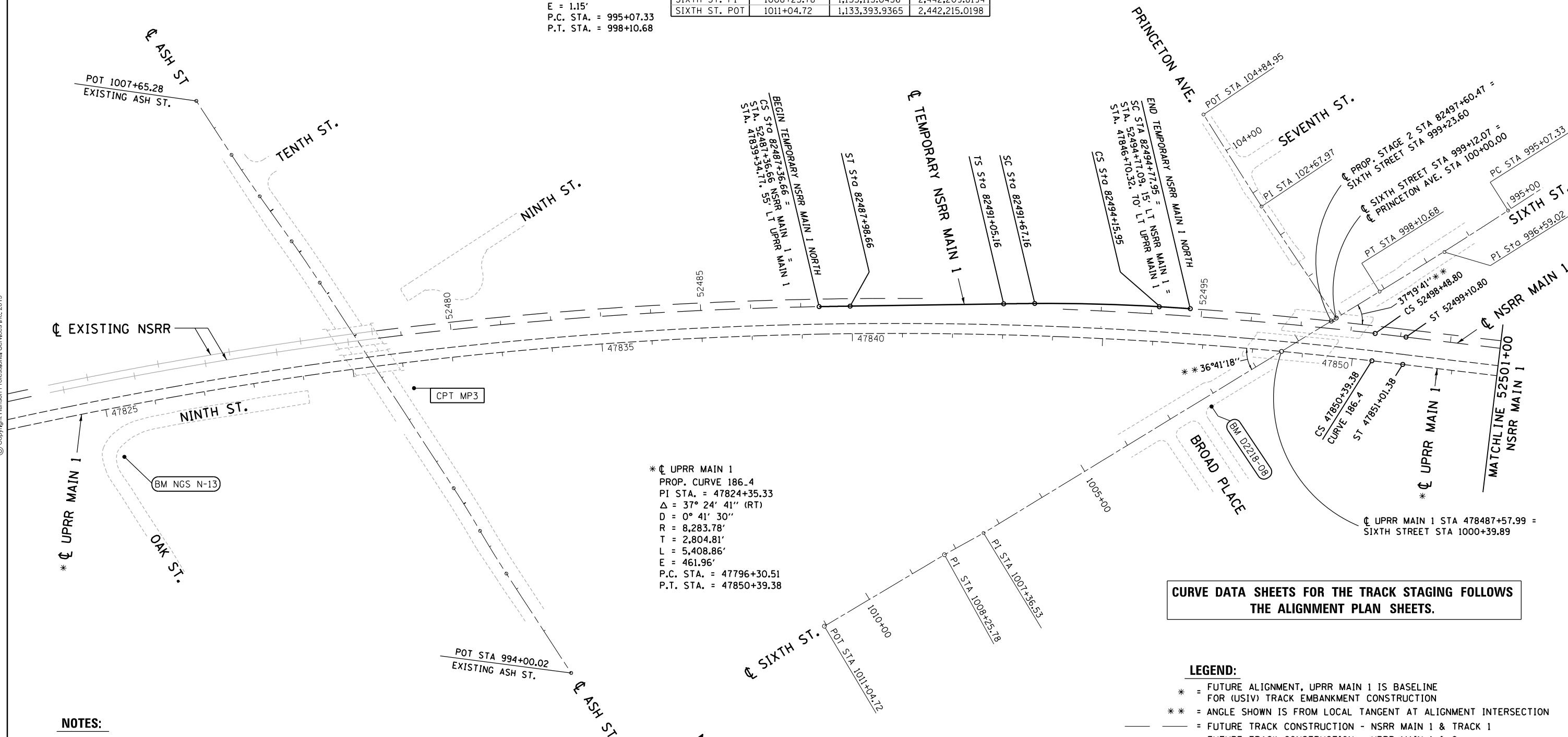
☐ SIXTH STREET  
 EXIST. CURVE SIX10100  
 PI STA. = 996+59.02  
 $\Delta = 1^\circ 44' 17''$  (RT)  
 $D = 0^\circ 34' 23''$   
 $R = 10,000.00'$   
 $T = 151.68'$   
 $L = 303.35'$   
 $E = 1.15'$   
 P.C. STA. = 995+07.33  
 P.T. STA. = 998+10.68

### SIXTH STREET ALIGNMENT CONTROL

DESCRIPTION	STATION	NORTHING	EASTING
SIXTH ST. POT	989+04.36	1,131,193.9365	2,442,196.7634
SIXTH ST. PC	995+07.33	1,131,796.7593	2,442,200.1495
SIXTH ST. PI	996+59.02	1,131,948.4064	2,442,196.7634
SIXTH ST. PT	998+10.68	1,132,100.0864	2,442,197.9783
SIXTH ST. PI	1007+36.53	1,133,025.9040	2,442,205.3939
SIXTH ST. PI	1008+25.78	1,133,115.0456	2,442,209.8194
SIXTH ST. POT	1011+04.72	1,133,393.9365	2,442,215.0198

### PRINCETON AVE ALIGNMENT CONTROL

DESCRIPTION	STATION	NORTHING	EASTING
PRINCETON AVE. POT	100+00.00	1,132,201.4710	2,442,198.7904
PRINCETON AVE. PI	102+67.97	1,132,210.7515	2,442,466.5969
PRINCETON AVE. POT	104+84.95	1,132,212.3777	2,442,683.5774



**CURVE DATA SHEETS FOR THE TRACK STAGING FOLLOWS THE ALIGNMENT PLAN SHEETS.**

### LEGEND:

- \* = FUTURE ALIGNMENT, UPRR MAIN 1 IS BASELINE FOR (USIV) TRACK EMBANKMENT CONSTRUCTION
- \*\* = ANGLE SHOWN IS FROM LOCAL TANGENT AT ALIGNMENT INTERSECTION
- = FUTURE TRACK CONSTRUCTION - NSRR MAIN 1 & TRACK 1
- - - = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- 40000 SERIES = UPRR MAIN 1
- 50000 SERIES = NSRR MAIN 1
- 70000 SERIES = NSRR SHOOFLY - STAGE 2 ALIGNMENT
- 80000 *ITALICS* SERIES = TEMPORARY NSRR MAIN 1 - STAGE 3 ALIGNMENT
- 80000 SERIES = NSRR INTERIM - STAGE 4 ALIGNMENT
- 90000 SERIES = NSRR TRACK 1 CONNECTION - STAGE 4 ALIGNMENT

### NOTES:

- REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM WEST ZONE DATUM OF NAD 83 (2011) ORTHO HEIGHT: NAVD88 (GEOID 12A)
- TRACK CURVE GEOMETRY IS BASED ON CHORD DEFINITION.
- ROAD CURVE GEOMETRY IS BASED ON ARC DEFINITION.



FINAL

FILE NAME = D609L0179B-ATB\_SHT\_US4\_01.dgn  
 STAGE 3

USER NAME = Pop00275  
 PLOT SCALE = 200.0000' / in.  
 PLOT DATE = 6/26/2019

DESIGNED - GCN  
 DRAWN - CLG  
 CHECKED - JWM/MNM  
 DATE - 06/26/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 ALIGNMENT - TRACK - 2

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	56
	09L0179B			CONTRACT NO. 93733
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

**FIFTH STREET ALIGNMENT CONTROL**

DESCRIPTION	STATION	NORTHING	EASTING
FIFTH ST. POT	995+00.00	1,131,291.6449	2,441,815.3991
FIFTH ST. PI	1001+69.19	1,131,960.6783	2,441,800.5969
FIFTH ST. POT	1005+00.00	1,132,291.4787	2,441,798.3707

**ALLEY ALIGNMENT CONTROL**

DESCRIPTION	STATION	NORTHING	EASTING
7 ALLEY POT	10+00.00	1,130,818.4365	2,441,237.4963
8 ALLEY PC	10+21.47	1,130,835.3790	2,441,212.7362
9 ALLEY PT	10+77.06	1,130,788.4563	2,441,238.6362
10 ALLEY POT	10+80.37	1,130,785.1539	2,441,238.7618

**BURTON DRIVE ALIGNMENT CONTROL**

DESCRIPTION	STATION	NORTHING	EASTING
1 BURTON DRIVE POT	1+90.00	1,130,682.9170	2,441,133.9723
2 BURTON DRIVE PC	2+56.38	1,130,748.8988	2,441,141.2231
3 BURTON DRIVE PT	3+03.17	1,130,792.3451	2,441,157.2715
4 BURTON DRIVE PC	3+91.57	1,130,865.3048	2,441,207.1951
5 BURTON DRIVE PT	4+81.36	1,130,906.6259	2,441,283.1675
6 BURTON DRIVE POT	5+62.00	1,130,908.6886	2,441,363.7830

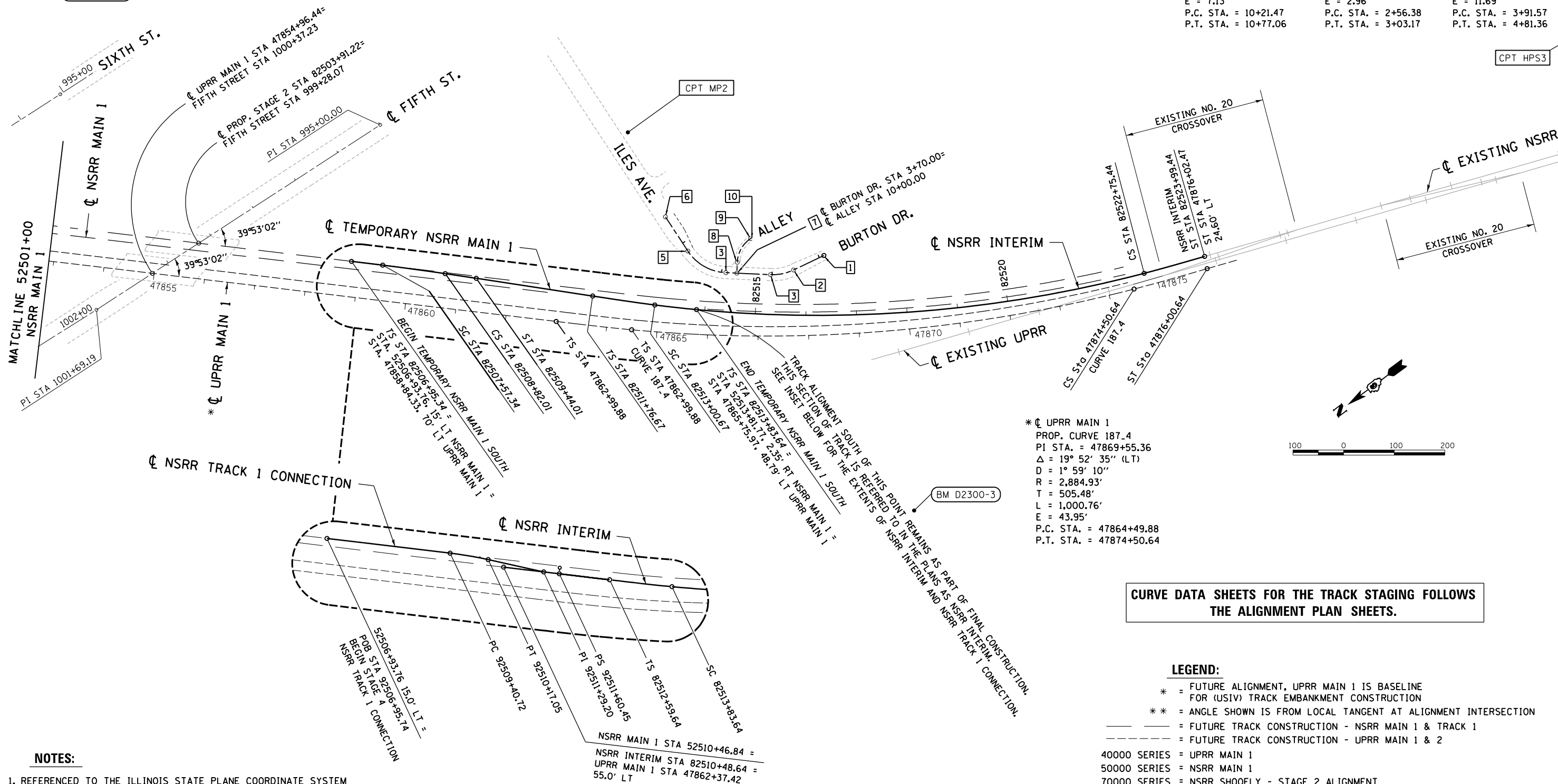
◊ ALLEY CONNECTION  
 CURVE C. ALALLEYP1  
 PI STA. = 10+51.47  
 $\Delta = 53^\circ 26' 25''$  (RT)  
 D = 96° 08' 02"  
 R = 59.60'  
 T = 30.00'  
 L = 55.59'  
 E = 7.13'  
 P.C. STA. = 10+21.47  
 P.T. STA. = 10+77.06

◊ BURTON DRIVE  
 CURVE C. ALBURTONP1  
 PI STA. = 2+80.26  
 $\Delta = 28^\circ 13' 13''$  (RT)  
 D = 60° 18' 41"  
 R = 95.00'  
 T = 23.88'  
 L = 46.79'  
 E = 2.96'  
 P.C. STA. = 2+56.38  
 P.T. STA. = 3+03.17

◊ BURTON DRIVE  
 CURVE C. ALBURTONP2  
 PI STA. = 4+40.13  
 $\Delta = 54^\circ 09' 00''$  (RT)  
 D = 60° 18' 41"  
 R = 95.00'  
 T = 48.56'  
 L = 89.78'  
 E = 11.69'  
 P.C. STA. = 3+91.57  
 P.T. STA. = 4+81.36



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\* ◊ UPRR MAIN 1  
 PROP. CURVE 187.4  
 PI STA. = 47869+55.36  
 $\Delta = 19^\circ 52' 35''$  (LT)  
 D = 1° 59' 10"  
 R = 2,884.93'  
 T = 505.48'  
 L = 1,000.76'  
 E = 43.95'  
 P.C. STA. = 47864+49.88  
 P.T. STA. = 47874+50.64



**CURVE DATA SHEETS FOR THE TRACK STAGING FOLLOWS THE ALIGNMENT PLAN SHEETS.**

- LEGEND:**
- \* = FUTURE ALIGNMENT, UPRR MAIN 1 IS BASELINE FOR (USIV) TRACK EMBANKMENT CONSTRUCTION
  - \*\* = ANGLE SHOWN IS FROM LOCAL TANGENT AT ALIGNMENT INTERSECTION
  - = FUTURE TRACK CONSTRUCTION - NSRR MAIN 1 & TRACK 1
  - - - = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
  - 40000 SERIES = UPRR MAIN 1
  - 50000 SERIES = NSRR MAIN 1
  - 70000 SERIES = NSRR SHOOFLY - STAGE 2 ALIGNMENT
  - 80000 ITALICS SERIES = TEMPORARY NSRR MAIN 1 - STAGE 3 ALIGNMENT
  - 80000 SERIES = NSRR INTERIM - STAGE 4 ALIGNMENT
  - 90000 SERIES = NSRR TRACK 1 CONNECTION - STAGE 4 ALIGNMENT

- NOTES:**
- REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM WEST ZONE DATUM OF NAD 83 (2011) ORTHO HEIGHT: NAVD88 (GEOID 12A)
  - TRACK CURVE GEOMETRY IS BASED ON CHORD DEFINITION.
  - ROAD CURVE GEOMETRY IS BASED ON ARC DEFINITION.

FINAL

FILE NAME = D609L0179B-ATB_SHT_US4_01.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS ALIGNMENT - TRACK - 3</b>	F.A.P. RTE. = (109) VB(110) VB-5	SECTION = 09L0179B	COUNTY = SANGAMON	TOTAL SHEETS = 382	SHEET NO. = 57
PLOT SCALE = 200.0000' / in.	CHECKED - JWM/MNM	REVISED -	SCALE: SHEET 3 OF 3 SHEETS			STA. TO STA.	*666 & 666 ALT. ILLINOIS FED. AID PROJECT			
STAGE 3.4	PLOT DATE = 6/26/2019	DATE = 06/26/2019	REVISED -			CONTRACT NO. = 93733				



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NSRR TEMPORARY MAIN 1 ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
BEGIN	POINT ON EXISTING CURVE	POC	82487+36.66		S 27°42'56.20" W	1,133,066.5613	2,442,762.4634
	Ls-in = 0', Se=1.0" - DS = 40 MPH	CS	82487+36.66	0.00'	S 27°42'56.20" W	1,133,066.5613	2,442,762.4634
	Ls-out = 62.0', Se=1.0" - DS = 40 MPH	ST	82487+98.66	62.00'	S 30°58'29.05" W	1,133,013.3634	2,442,730.6204
CURVE 4121	TOTAL DELTA = 7°38'29.75" RT	TS	82491+05.16	306.50'	S 30°58'29.05" W	1,132,750.5713	2,442,572.8767
	DELTA = 3°43'55.05" RT	SC	82491+67.16	62.00'	S 31°26'23.01" W	1,132,697.4995	2,442,540.8242
	DEGREE (chord) = 1°30'00.00" R = 3,819.83' L = 248.80' T = 124.45' Ls-in = 62.0', Se=1.0" - DS = 40 MPH	PI CUR	82492+91.60			1,132,591.3233	2,442,475.9129
CURVE 4122	DELTA = 2°33'15.94" RT	CS	82494+15.95	248.79'	S 35°10'18.06" W	1,132,489.5974	2,442,404.2284
	DEGREE (chord) = 0°41'09.13" R = 8,353.78' L = 372.4356' T = 186.25'	SC	82494+77.95	62.00'	S 35°50'57.44" W	1,132,439.1555	2,442,368.1787
		PI SC SC	82496+64.20			1,133,690.3793	2,443,209.8673
		PI CUR	82498+50.39	372.44'	S 38°24'13.37" W	1,132,142.2337	2,442,143.4025
		ST	82499+12.39	62.00'	S 38°36'58.80" W	1,132,093.7426	2,442,104.7681
CURVE 413	TOTAL DELTA = 1°51'59.98" RT	TS	82506+95.34	782.95'	S 38°36'58.80" W	1,131,481.9859	2,441,616.1236
	DELTA = 1°14'48.01" RT	ST	82507+57.34	62.00'	S 38°55'34.78" W	1,131,433.6126	2,441,577.3420
	DEGREE (chord) = 1°00'00.00" R = 5,729.65' L = 124.67' T = 62.34' Ls-in = 62.0', Se=1.0" - DS = 40 MPH	PI SC SC	82508+19.69			1,131,384.8315	2,441,538.5208
		PI CUR	82508+19.68			1,131,385.1175	2,441,538.1745
		CS	82508+82.01	124.67'	S 40°10'22.80" W	1,131,337.4859	2,441,497.9612
		ST	82509+44.01	62.00'	S 40°28'58.78" W	1,131,290.2564	2,441,457.7946
CURVE 414	TOTAL DELTA = 3°15'41.66" RT	TS	82511+76.67	232.66'	S 40°28'58.78" W	1,131,113.2943	2,441,306.7456
	DELTA = 1°51'59.98" RT	SC	82513+00.67	124.00'	S 39°05'17.11" W	1,131,018.3324	2,441,227.0121
	DEGREE (chord) = 2°15'00.00" R = 2,546.64' L = 82.97' T = 130.09' Ls-in = 124.0', Se=1.0" - DS = 40 MPH	PI SC SC	82513+51.33			1,130,641.6000	2,440,904.1200
		PI CUR	82513+51.80			1,130,635.3200	2,440,915.8800
		POC	82513+83.64	82.97'	S 37°13'17.01" W	1,130,953.0937	2,441,175.7577
END	POINT ON NSRR INTERIM CURVE	POC	82513+83.64	0.00'	S 37°13'17.01" W	1,130,953.0937	2,441,175.7577

NSRR SHOOFLY ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
CURVE 401	TOTAL DELTA = 6°23'42.87" RT	CS	72479+14.57		S 25°06'47.36" W	1,133,800.4478	2,443,151.1642
	DELTA = 4°50'43.32" RT	SC	72479+76.57	62.00'	S 25°53'17.17" W	1,133,744.4283	2,443,124.5983
	DEGREE (chord) = 2°30'00.00" R = 2,292.01' L = 193.81' T = 96.97' Ls-in = 62.0', Se=1.0" - DS = 40 MPH	PI SC SC	72480+73.62			1,133,656.4311	2,443,083.6615
		PI CUR	72480+73.54			1,133,657.1868	2,443,082.2586
		CS	72481+70.38	193.81'	S 30°44'00.45" W	1,133,744.4283	2,443,124.5983
		ST	72482+32.38	62.00'	S 31°30'30.23" W	1,133,520.8294	2,443,000.5374
CURVE 402	TOTAL DELTA = 4°18'25.74" RT	TS	72490+32.75	800.37'	S 31°30'30.23" W	1,132,838.4633	2,442,582.2453
	DELTA = 1°14'48.01" RT	ST	72490+94.75	62.00'	S 32°07'42.12" W	1,132,785.7219	2,442,549.6524
	DEGREE (chord) = 1°00'00.00" R = 5,729.65' L = 124.67' T = 62.34' Ls-in = 62.0', Se=1.0" - DS = 40 MPH	PI SC SC	72491+71.49			1,132,720.1812	2,442,509.7381
		PI CUR	72491+71.46			1,132,720.7656	2,442,508.8606
		CS	72492+48.12	153.37'	S 35°11'44.09" W	1,132,658.0851	2,442,464.6516
		ST	72493+10.12	62.00'	S 35°48'55.98" W	1,132,607.6787	2,442,428.5523

NSRR INTERIM ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
BEGIN	LLT NO. 10 TURNOUT	LLT	82510+48.64		S 38°36'58.80" W	1,131,215.4656	2,441,384.0410
POS	POS NO. 10 TURNOUT	POS	82511+59.64	111.00'	S 38°36'58.80" W	1,131,128.7367	2,441,314.7658
CURVE 414	TOTAL DELTA = 22°51'19.58" LT	TS	82512+59.64	100.00'	S 38°36'58.80" W	1,131,050.6025	2,441,252.3556
	DELTA = 20°03'56.23" LT	SC	82513+83.64	124.00'	S 39°05'17.11" W	1,130,953.0937	2,441,175.7577
	DEGREE (chord) = 2°15'00.00" R = 2,546.64' L = 891.80' T = 450.55' Ls-in = 124.0', Se=1.0" - DS = 40 MPH	PI SC SC	82518+35.47			1,130,599.9044	2,440,892.3577
		PI CUR	82518+34.19			1,130,594.3225	2,440,903.2241
		CS	82522+75.44	891.80'	S 17°09'20.89" W	1,130,163.8234	2,440,770.3262
		ST	82523+99.44	124.00'	S 15°45'39.22" W	1,130,044.7658	2,440,735.6784
END	POINT ON EXISTING CURVE	POC	82523+99.44	124.00'	S 15°45'39.22" W	1,130,044.7658	2,440,735.6784

NSRR CONNECTION ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
BEGIN	BEGIN	POT	92506+95.74		S 38°36'58.80" W	1,131,481.9859	2,441,616.1236
DERAIL	DERAIL	POT	92508+97.72	201.98'	S 38°36'58.80" W	1,131,324.1660	2,441,490.0639
CURVE 2042	DELTA = 5°43'29.00" RT	PC	92509+40.72	43.00'	S 38°36'58.80" W	1,131,290.5682	2,441,463.2275
	DEGREE (chord) = 7°30'00.00" R = 764.49' L = 76.33' T = 38.22' Ls-in = 0', Se=1.0" - DS = 15 MPH	PI CUR	92509+78.94			1,131,260.7023	2,441,439.3719
		PT	92510+17.05	76.33'	S 54°20'27.80" W	1,131,233.3649	2,441,412.6562
PI	PI NO. 10 TURNOUT	PI	92511+29.20	112.15'	S 54°20'27.80" W	1,131,153.1536	2,441,334.2690
POS	POS NO. 10 TURNOUT	POS	92511+60.45	31.25'	S 38°36'58.80" W	1,131,128.7367	2,441,314.7658

FINAL

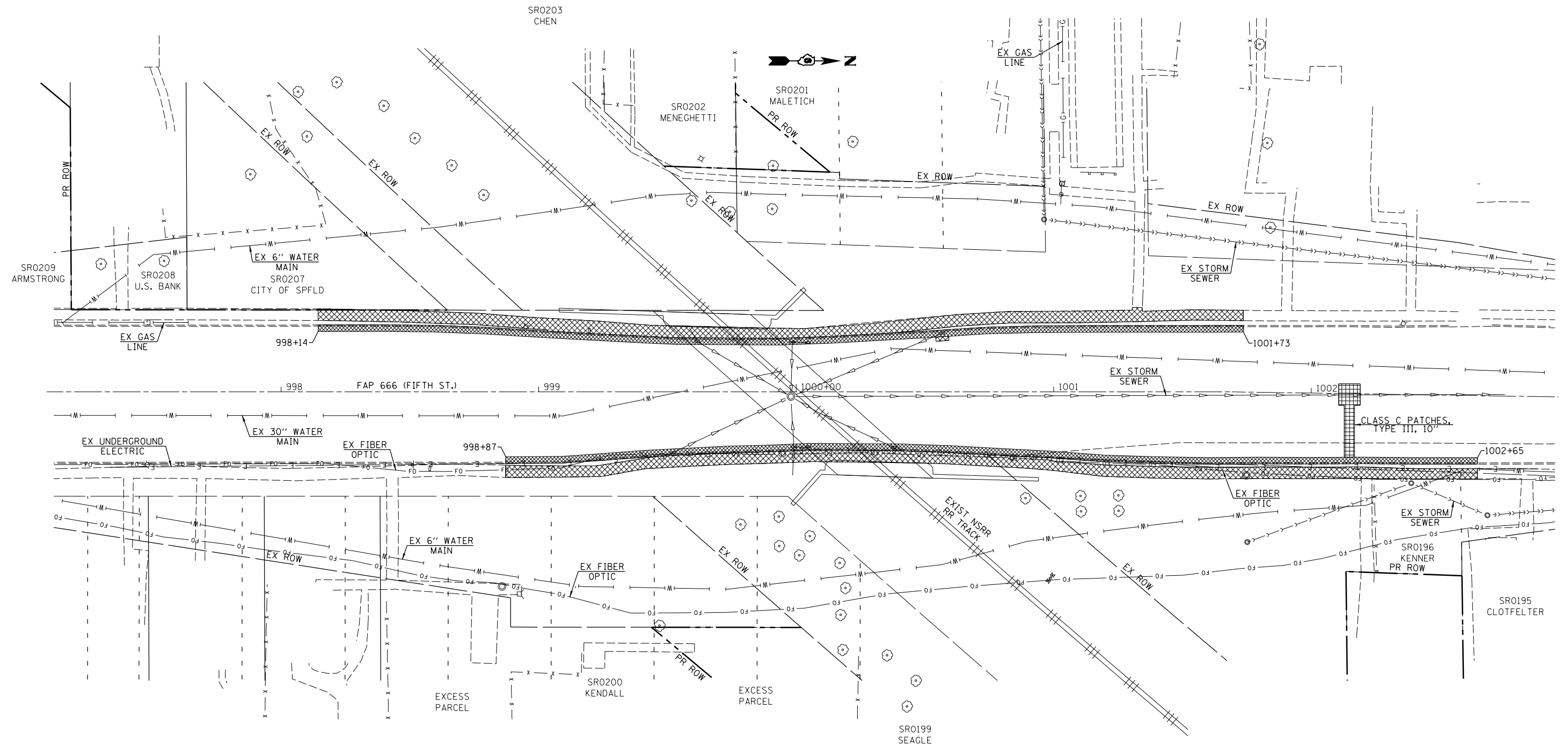
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		CHECKED - JWM/MNM	REVISED -
		DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
GEOMETRY TABLES - TRACK

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	58
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



**REMOVAL PLANS GENERAL NOTE**

- REMOVALS NOT SHOWN ON REMOVAL PLAN SHEETS THAT ARE NOT PAID FOR AS A SEPARATE PAY ITEM WILL BE INCLUDED WITH THE ADJACENT PAVEMENT REMOVAL AND SHALL INCLUDE ALL MISCELLANEOUS PROPERTY ELEMENTS - PATIO, CAR PORT AND SIDEWALK MATERIAL, POSTS (LIGHTING), FOUNDATIONS, UNDERGROUND AND AERIAL UTILITIES INCLUDING SUPPORTING STRUCTURES, REMAINING MISCELLANEOUS ITEMS SUCH AS POLES, BROKEN CONCRETE AND ASPHALT, CONCRETE BLOCKS, POSTS, PIPES, SCRAP MATERIALS, DISCARDED HOUSEHOLD FURNITURE, APPLIANCES AND GOODS, SHEDS AND OUT-BUILDINGS NOT LISTED FOR PAYMENT, AND ANY OTHER UNCLASSIFIED MATERIAL AT LOCATIONS NOT SPECIFICALLY LISTED IN THE SCHEDULE OF QUANTITIES AS BEING MEASURED FOR PAYMENT WILL BE INCLUDED IN CLEARING AND WILL NOT BE MEASURED FOR PAYMENT.
- BUILDING REMOVAL INCLUDES BREAKING OR PERFORATING BASEMENT FLOORS WHERE PRESENT.

**5TH STREET REMOVAL PLAN**



**LEGEND**

- INDICATES CURB & GUTTER REMOVAL
- INDICATES SIDEWALK REMOVAL
- INDICATES PAVEMENT REMOVAL
- INDICATES PAVEMENT REMOVAL (SPECIAL)
- INDICATES CLASS C PATCHES

DESIGNED  
DRAWN  
REVISED



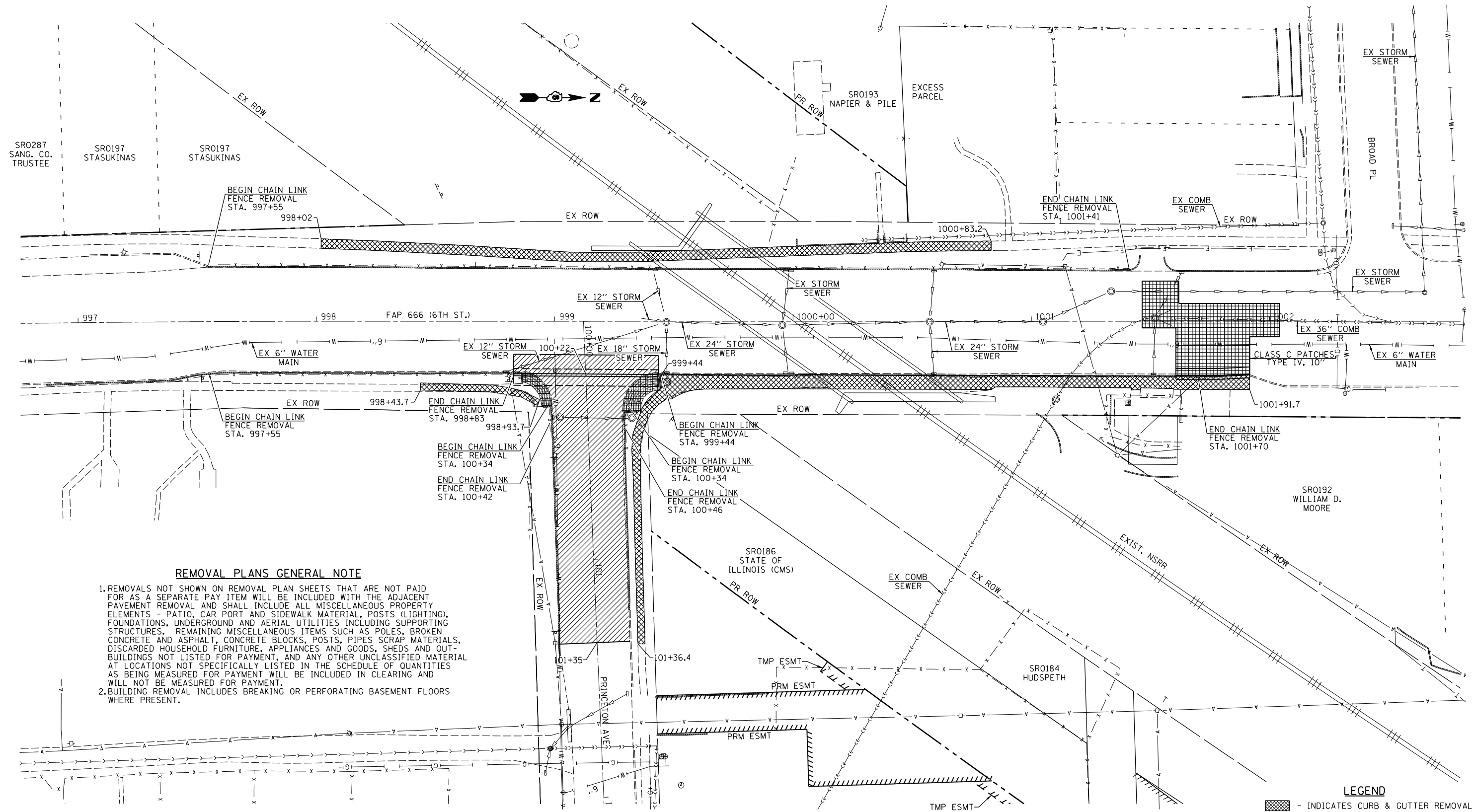
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/26/2019	CHECKED -	REVISED -
	DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
REMOVAL PLAN - 5TH STREET**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	59
	09L0179B		CONTRACT NO. 93733	
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				



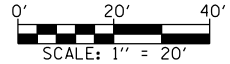
**REMOVAL PLANS GENERAL NOTE**

1. REMOVALS NOT SHOWN ON REMOVAL PLAN SHEETS THAT ARE NOT PAID FOR AS A SEPARATE PAY ITEM WILL BE INCLUDED WITH THE ADJACENT PAVEMENT REMOVAL AND SHALL INCLUDE ALL MISCELLANEOUS PROPERTY ELEMENTS - PATIO, CAR PORT AND SIDEWALK MATERIAL, POSTS (LIGHTING), FOUNDATIONS, UNDERGROUND AND AERIAL UTILITIES INCLUDING SUPPORTING STRUCTURES. REMAINING MISCELLANEOUS ITEMS SUCH AS POLES, BROKEN CONCRETE AND ASPHALT, CONCRETE BLOCKS, POSTS, PIPES SCRAP MATERIALS, DISCARDED HOUSEHOLD FURNITURE, APPLIANCES AND GOODS, SHEDS AND OUT-BUILDINGS NOT LISTED FOR PAYMENT, AND ANY OTHER UNCLASSIFIED MATERIAL AT LOCATIONS NOT SPECIFICALLY LISTED IN THE SCHEDULE OF QUANTITIES AS BEING MEASURED FOR PAYMENT WILL BE INCLUDED IN CLEARING AND WILL NOT BE MEASURED FOR PAYMENT.  
 2. BUILDING REMOVAL INCLUDES BREAKING OR PERFORATING BASEMENT FLOORS WHERE PRESENT.

**LEGEND**

- INDICATES CURB & GUTTER REMOVAL
- INDICATES SIDEWALK REMOVAL
- INDICATES PAVEMENT REMOVAL
- INDICATES CONCRETE STEP REMOVAL
- INDICATES CLASS C PATCHES

**6TH STREET AND PRINCETON AVE. REMOVAL PLAN**



DESIGNED  
DRAWN  
CHECKED  
REVISED



USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/26/2019	CHECKED -	REVISED -
	DATE = 06/26/2019	REVISED -

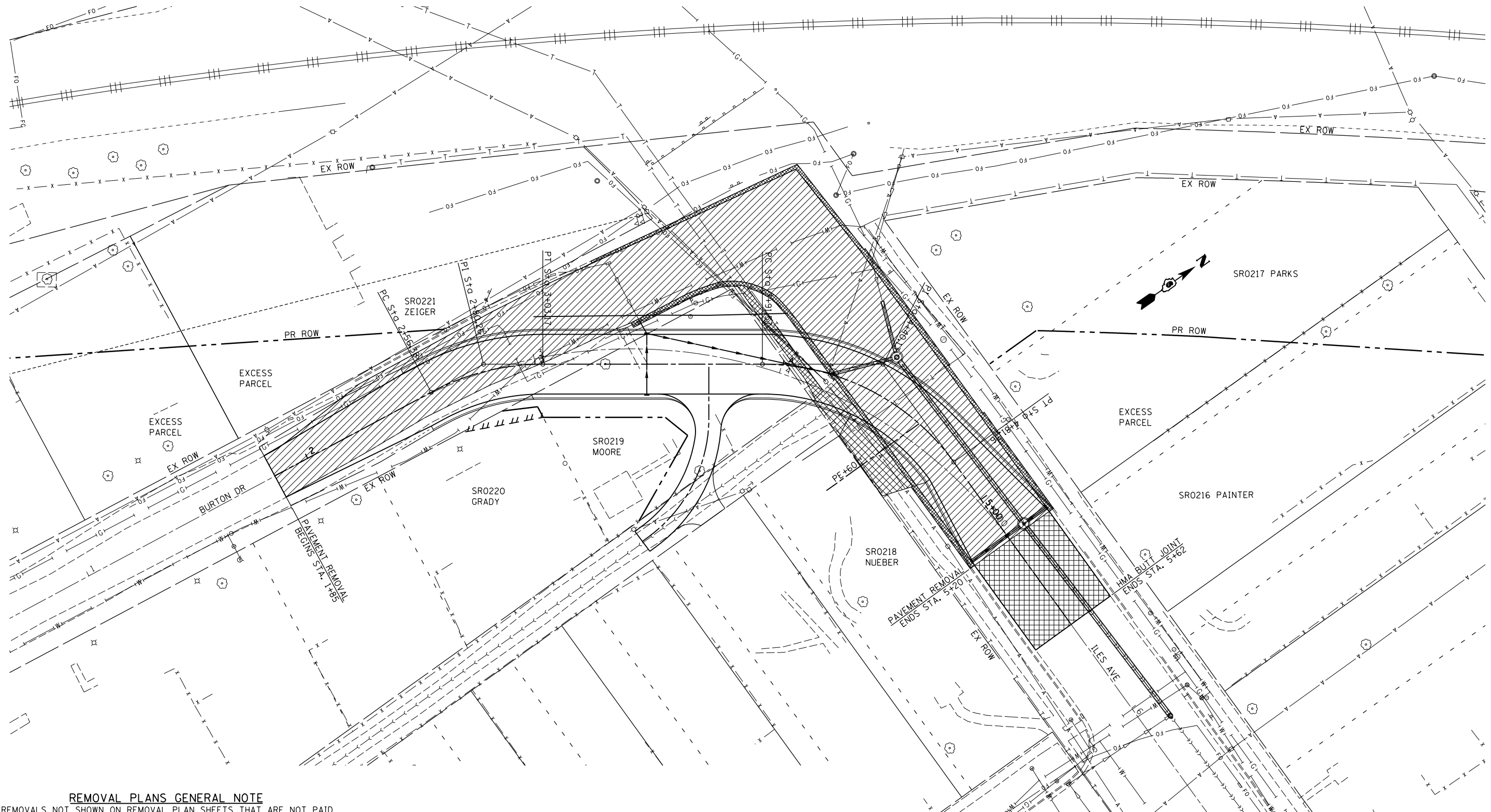
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
REMOVAL PLAN - 6TH STREET & PRINCETON**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	60
	09L0179B			CONTRACT NO. 93733
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				

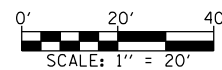




**REMOVAL PLANS GENERAL NOTE**

1. REMOVALS NOT SHOWN ON REMOVAL PLAN SHEETS THAT ARE NOT PAID FOR AS A SEPARATE PAY ITEM WILL BE INCLUDED WITH THE ADJACENT PAVEMENT REMOVAL AND SHALL INCLUDE ALL MISCELLANEOUS PROPERTY ELEMENTS - PATIO, CAR PORT AND SIDEWALK MATERIAL, POSTS (LIGHTING), FOUNDATIONS, UNDERGROUND AND AERIAL UTILITIES INCLUDING SUPPORTING STRUCTURES. REMAINING MISCELLANEOUS ITEMS SUCH AS POLES, BROKEN CONCRETE AND ASPHALT, CONCRETE BLOCKS, POSTS, PIPES, SCRAP MATERIALS, DISCARDED HOUSEHOLD FURNITURE, APPLIANCES AND GOODS, SHEDS AND OUT-BUILDINGS NOT LISTED FOR PAYMENT, AND ANY OTHER UNCLASSIFIED MATERIAL AT LOCATIONS NOT SPECIFICALLY LISTED IN THE SCHEDULE OF QUANTITIES AS BEING MEASURED FOR APYMENT WILL BE INCLUDED IN CLEARING AND WILL NOT BE MEASURED FOR PAYMENT.
2. BUILDING REMOVAL INCLUDES BREAKING OR PERFORATING BASEMENT FLOORS WHERE PRESENT.

**BURTON DRIVE REMOVAL PLAN**



**LEGEND**

- INDICATES CURB & GUTTER REMOVAL
- INDICATES SIDEWALK REMOVAL
- INDICATES PAVEMENT REMOVAL
- INDICATES DRIVEWAY PAVEMENT REMOVAL
- INDICATES HMA REMOVAL - BUTT JOINT

DESIGNED  
DRAWN  
CHECKED  
DATE



USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/26/2019	CHECKED -	REVISED -
	DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
REMOVAL PLAN - BURTON DRIVE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	61
	09L0179B			
•666 & 666 ALT. ILLINOIS FED. AID PROJECT			CONTRACT NO. 93733	

**RAILWAY LEGEND**

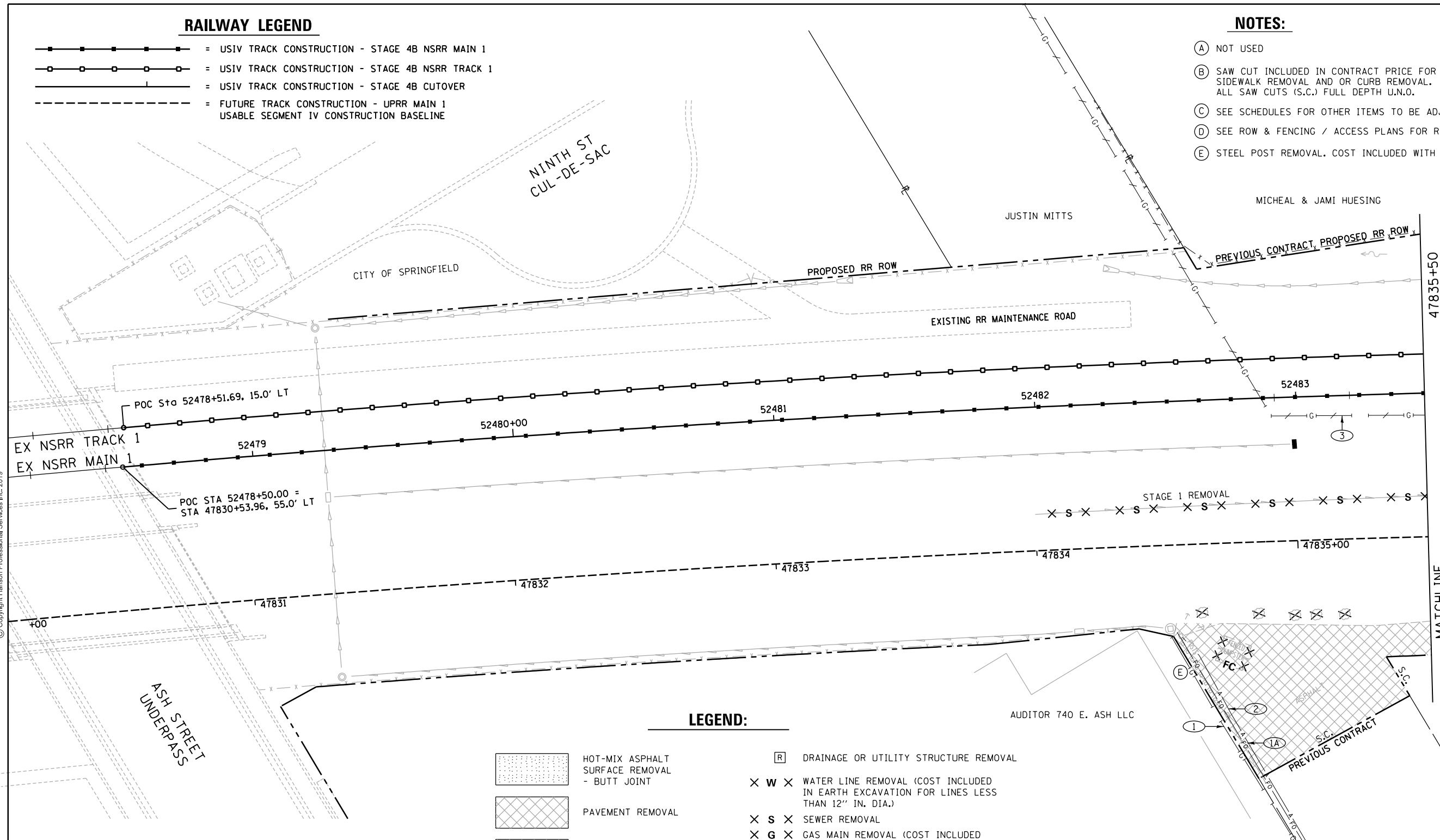
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR MAIN 1
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR TRACK 1
- |—|—|—|—|—|— = USIV TRACK CONSTRUCTION - STAGE 4B CUTOVER
- - - - - = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 USABLE SEGMENT IV CONSTRUCTION BASELINE

**NOTES:**

- (A) NOT USED
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVEMENT REMOVAL. SIDEWALK REMOVAL AND OR CURB REMOVAL. ALL SAW CUTS (S.C.) FULL DEPTH U.N.O.
- (C) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
- (D) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.
- (E) STEEL POST REMOVAL. COST INCLUDED WITH ADJACENT PAVEMENT REMOVAL.



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**LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL AND OR CURB REMOVAL
- PREVIOUSLY ABANDONED GAS LINE
- DRAINAGE STRUCTURE RECONSTRUCTION
- DRAINAGE OR UTILITY STRUCTURE ADJUSTMENT
- DRAINAGE OR UTILITY STRUCTURE REMOVAL
- WATER LINE REMOVAL (COST INCLUDED IN EARTH EXCAVATION FOR LINES LESS THAN 12" IN. DIA.)
- SEWER REMOVAL
- GAS MAIN REMOVAL (COST INCLUDED WITH EARTH EXCAVATION)
- FENCE REMOVAL
- ABANDON AND FILL EXISTING SEWER WITH CLSM
- TREE AND SHRUB REMOVAL, ADDITIONAL REMOVALS SHALL BE VERIFIED BY THE FIELD ENGINEER. ALL COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TREE REMOVAL, ACRES.
- REMOVAL ITEM SYMBOL WITH DESCRIPTION
- UTILITY IDENTIFIER - SEE UTILITY ADJUSTMENT SCHEDULE

**REMOVAL PLANS GENERAL NOTES:**

1. REMOVALS NOT SHOWN ON REMOVAL PLAN SHEETS THAT ARE NOT PAID FOR AS A SEPARATE PAY ITEM WILL BE INCLUDED WITH THE ADJACENT PAVEMENT REMOVAL AND SHALL INCLUDE ALL MISCELLANEOUS PROPERTY ELEMENTS - PATIO, CAR PORT AND SIDEWALK MATERIAL, POSTS (LIGHTING), FOUNDATIONS, UNDERGROUND & AERIAL UTILITIES INCLUDING SUPPORTING STRUCTURES. REMAINING MISCELLANEOUS ITEMS SUCH AS POLES, BROKEN CONCRETE AND ASPHALT, CONCRETE BLOCKS, POSTS, PIPES, SCRAP MATERIALS, DISCARDED HOUSEHOLD FURNITURE, APPLIANCES AND GOODS, SHEDS AND OUT-BUILDINGS NOT LISTED FOR PAYMENT, AND ANY OTHER UNCLASSIFIED MATERIAL AT LOCATIONS NOT SPECIFICALLY LISTED IN THE SCHEDULE OF QUANTITIES AS BEING MEASURED FOR PAYMENT WILL BE INCLUDED IN CLEARING AND WILL NOT BE MEASURED FOR PAYMENT.
2. BUILDING REMOVAL INCLUDES BREAKING OR PERFORATING BASEMENT FLOORS WHERE PRESENT.



UTILITIES NOT SHOWN ON THIS SHEET NORTH OF 47834+00 UTILITY ADJUSTMENTS WERE COMPLETED DURING PRIOR USABLE SEGMENT II CONSTRUCTION

FINAL

FILE NAME = D609L0179B-REMOVAL-US4-TRACK-00.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	DRAWN - CLG	REVISED -
PLOT DATE = 6/26/2019	DATE - 06/26/2019		REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
REMOVAL PLAN - TRACK - 1**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	62
	09L0179B	CONTRACT NO.	93733	

SCALE: SHEET 1 OF 11 SHEETS STA. 47830+53.96 TO STA. 47835+50

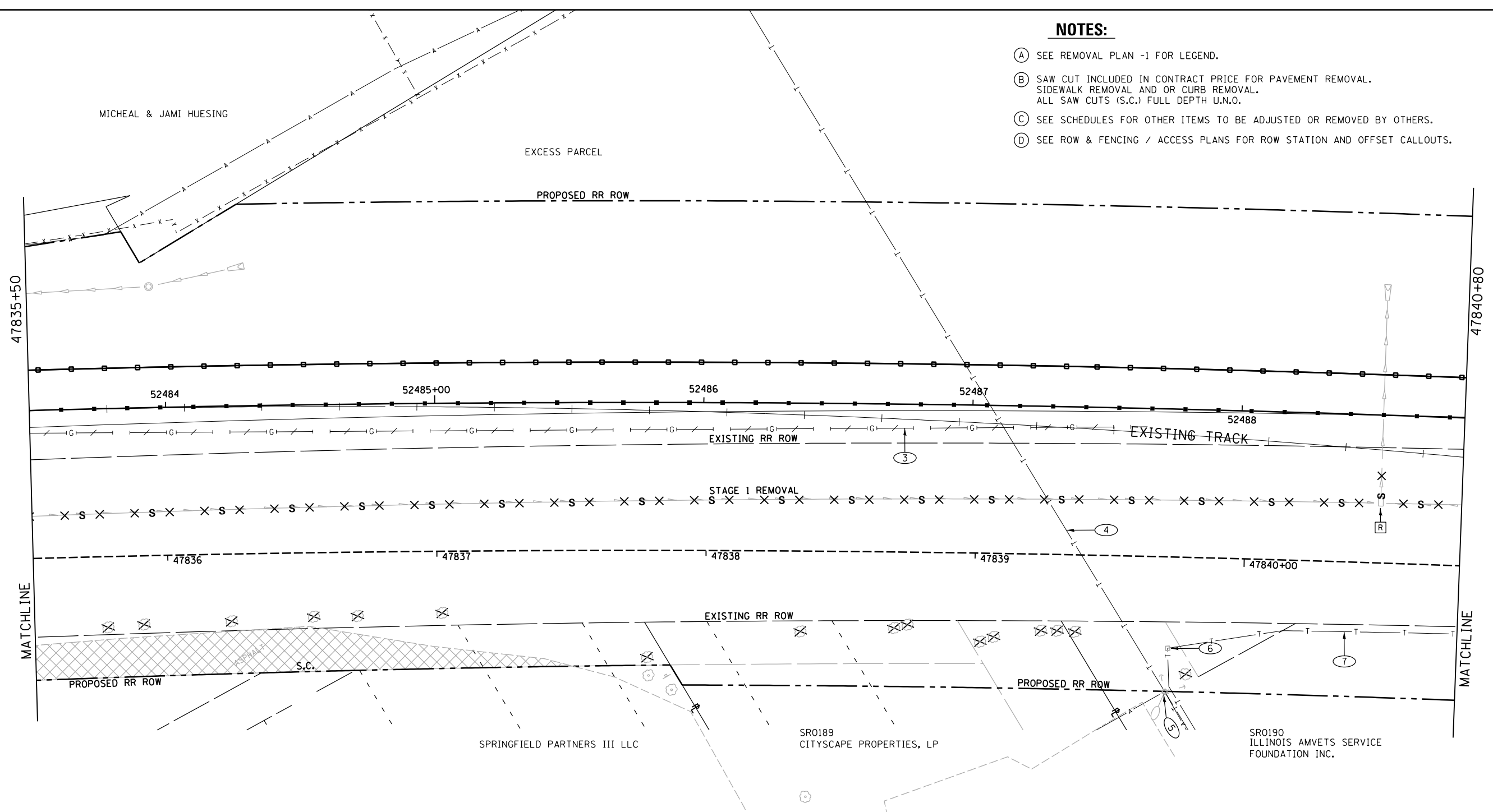
666 & 666 ALT. ILLINOIS FED. AID PROJECT



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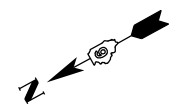
**NOTES:**

- (A) SEE REMOVAL PLAN -1 FOR LEGEND.
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVEMENT REMOVAL. SIDEWALK REMOVAL AND OR CURB REMOVAL. ALL SAW CUTS (S.C.) FULL DEPTH U.N.O.
- (C) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
- (D) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.



**RAILWAY LEGEND**

- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR MAIN 1
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR TRACK 1
- = USIV TRACK CONSTRUCTION - STAGE 4B CUTOVER
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 USABLE SEGMENT IV CONSTRUCTION BASELINE

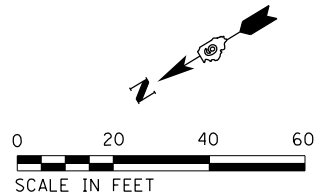
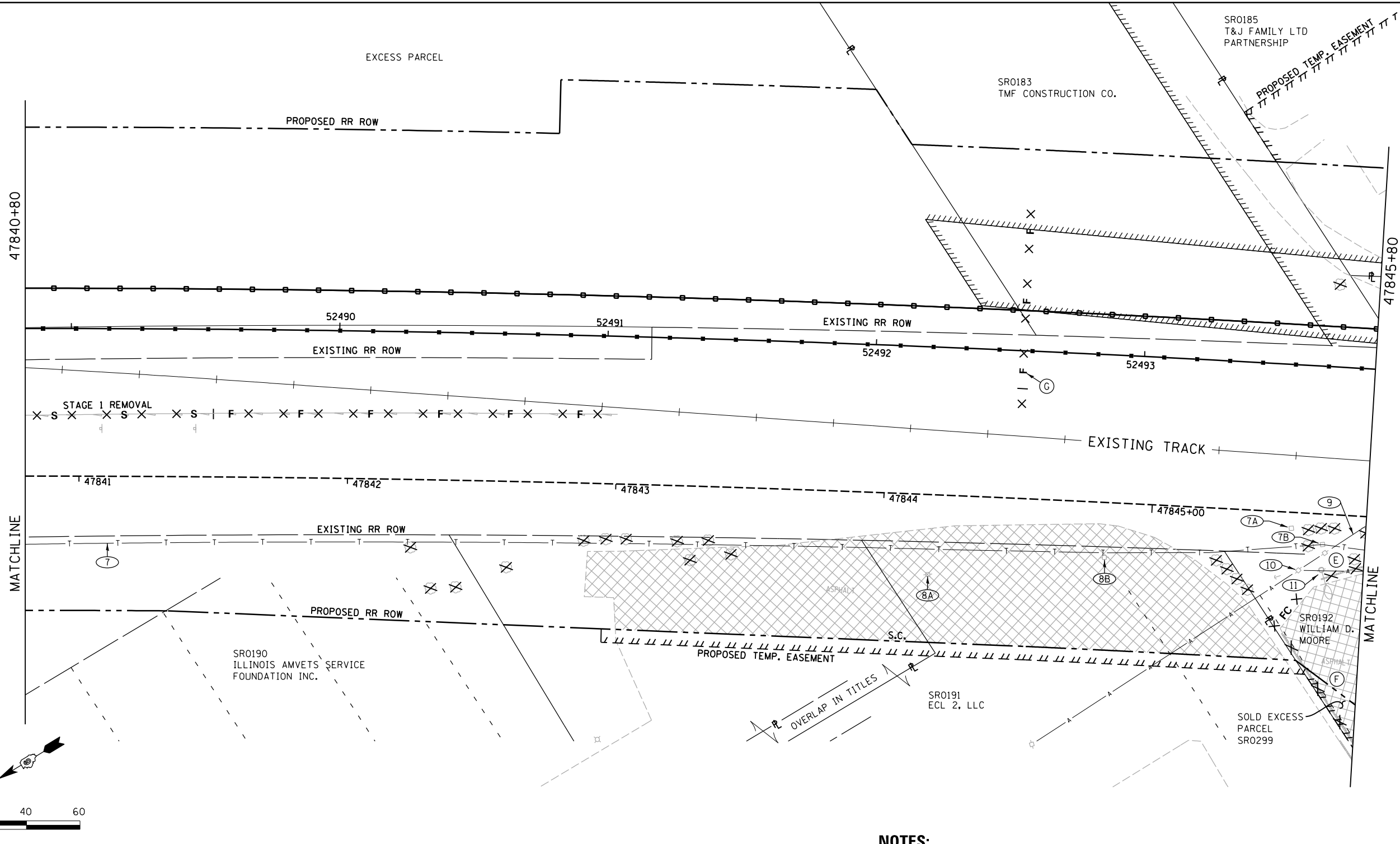


FINAL

FILE NAME = D609L0179B-REMOVAL-US4-TRACK101.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS REMOVAL PLAN - TRACK - 2</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	63	
PLANI	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -	SCALE:	SHEET 2 OF 11 SHEETS	STA. 47835+50 TO STA. 47840+80	*666 & 666 ALT.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	93733



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**RAILWAY LEGEND**

- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR MAIN 1
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR TRACK 1
- = USIV TRACK CONSTRUCTION - STAGE 4B CUTOVER
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 USABLE SEGMENT IV CONSTRUCTION BASELINE

**NOTES:**

- (A) SEE REMOVAL PLAN -1 FOR LEGEND.
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVEMENT REMOVAL. SIDEWALK REMOVAL AND OR CURB REMOVAL. ALL SAW CUTS (S.C.) FULL DEPTH U.N.O.
- (C) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
- (D) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.
- (E) PRECAST CONCRETE BLOCK RETAINING WALL REMOVAL
- (F) RAILROAD TIE CURBING TO BE REMOVED COST INCLUDED WITH ADJACENT PAVEMENT REMOVAL.
- (G) PIPE DRAINS 6" INSTALLED DURING STAGE I SHOULD BE FILLED DURING STAGE IV WHEN PIPE UNDERDRAINS 6" (MODIFIED) ARE REMOVED.

FINAL

FILE NAME = D609L0179B-REMOVAL-US4-TRACK102.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLANI	PLOT SCALE = 40.00' / 1" =	DRAWN - CLG	REVISED -
	PLOT DATE = 6/26/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

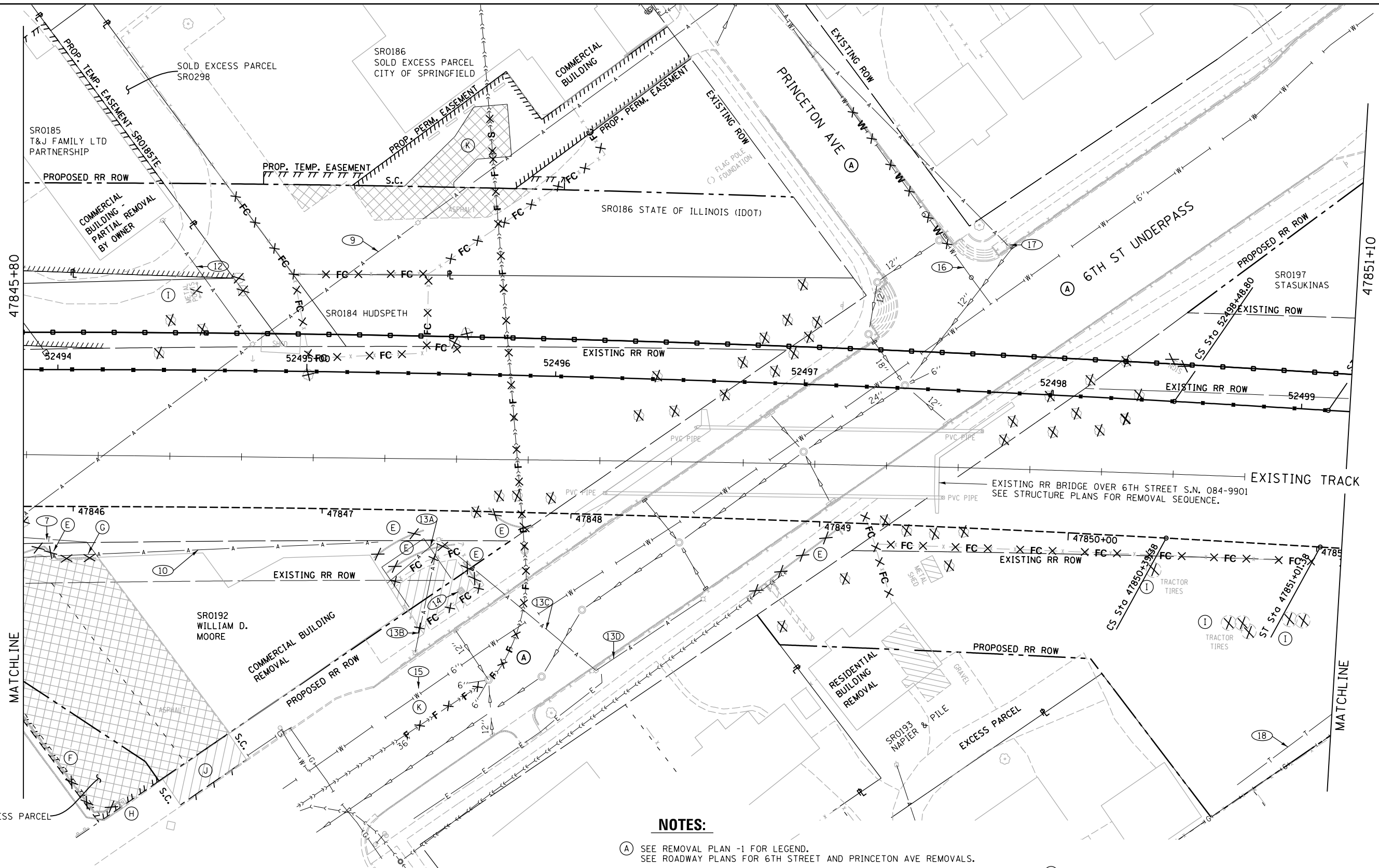
SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
REMOVAL PLAN - TRACK - 3

SCALE: SHEET 3 OF 11 SHEETS STA. 47840+80 TO STA. 47845+80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	64
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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47845+80

47851+10

MATCHLINE

MATCHLINE



### RAILWAY LEGEND

- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR MAIN 1
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR TRACK 1
- = USIV TRACK CONSTRUCTION - STAGE 4B CUTOVER
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 USABLE SEGMENT IV CONSTRUCTION BASELINE

### NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND. SEE ROADWAY PLANS FOR 6TH STREET AND PRINCETON AVE REMOVALS.
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVEMENT REMOVAL, SIDEWALK REMOVAL AND OR CURB REMOVAL. ALL SAW CUTS (S.C.) FULL DEPTH U.N.O.
- (C) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
- (D) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.
- (E) PRECAST CONCRETE BLOCK RETAINING WALL REMOVAL
- (F) RAILROAD TIE CURBING TO BE REMOVED COST INCLUDED WITH ADJACENT PAVEMENT REMOVAL.
- (G) CONCRETE RETAINING WALL REMOVAL
- (H) STEEL POST / FOUNDATION REMOVAL
- (I) CLEARING
- (J) COORDINATE REMOVAL LIMITS WITH TRACK ACCESS ROAD PLAN FOR LOCATION AND 6TH STREET ENTRANCE DETAIL ON MISCELLANEOUS DETAILS SHEET.
- (K) SEE RELOCATED 48" SANITARY SEWER P&P SHEET.

FINAL

FILE NAME = D609L0179B-REMOVAL-US4-TRACK103.dgn  
 PLAN1

USER NAME = Pop00275  
 PLOT SCALE = 40.00' / in.  
 PLOT DATE = 6/26/2019

DESIGNED - GCN  
 DRAWN - CLG  
 CHECKED - JWM/GCN  
 DATE - 06/26/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 REMOVAL PLAN - TRACK - 4

SCALE: SHEET 4 OF 11 SHEETS STA. 47845+80 TO STA. 47851+10

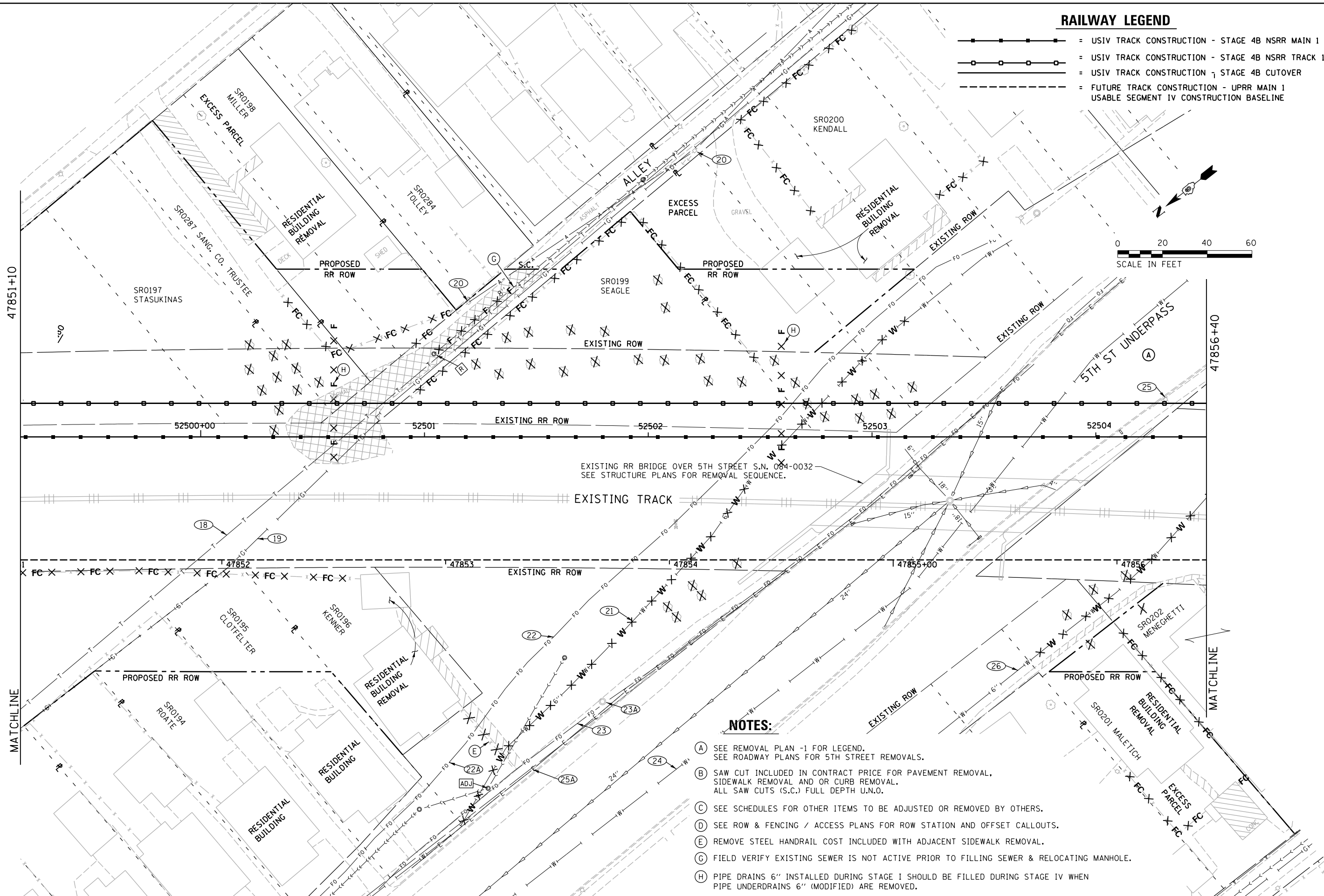
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	65
	09L0179B	CONTRACT NO.	93733	
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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### RAILWAY LEGEND

- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR MAIN 1
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR TRACK 1
- = USIV TRACK CONSTRUCTION - STAGE 4B CUTOVER
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1  
USABLE SEGMENT IV CONSTRUCTION BASELINE



### NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND. SEE ROADWAY PLANS FOR 5TH STREET REMOVALS.
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVEMENT REMOVAL, SIDEWALK REMOVAL AND OR CURB REMOVAL. ALL SAW CUTS (S.C.) FULL DEPTH U.N.O.
- (C) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
- (D) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.
- (E) REMOVE STEEL HANDRAIL COST INCLUDED WITH ADJACENT SIDEWALK REMOVAL.
- (G) FIELD VERIFY EXISTING SEWER IS NOT ACTIVE PRIOR TO FILLING SEWER & RELOCATING MANHOLE.
- (H) PIPE DRAINS 6" INSTALLED DURING STAGE I SHOULD BE FILLED DURING STAGE IV WHEN PIPE UNDERDRAINS 6" (MODIFIED) ARE REMOVED.

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

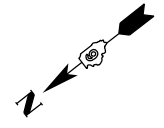
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
REMOVAL PLAN - TRACK - 5**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09L0179B	(109) VB,(110) VB-5	SANGAMON	382	66
	09L0179B		CONTRACT NO.	93733

FILE NAME = D609L0179B-REMOVAL-US4-TRACK104.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLANT	PLLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
	PLLOT DATE = 6/26/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 06/26/2019	REVISED -

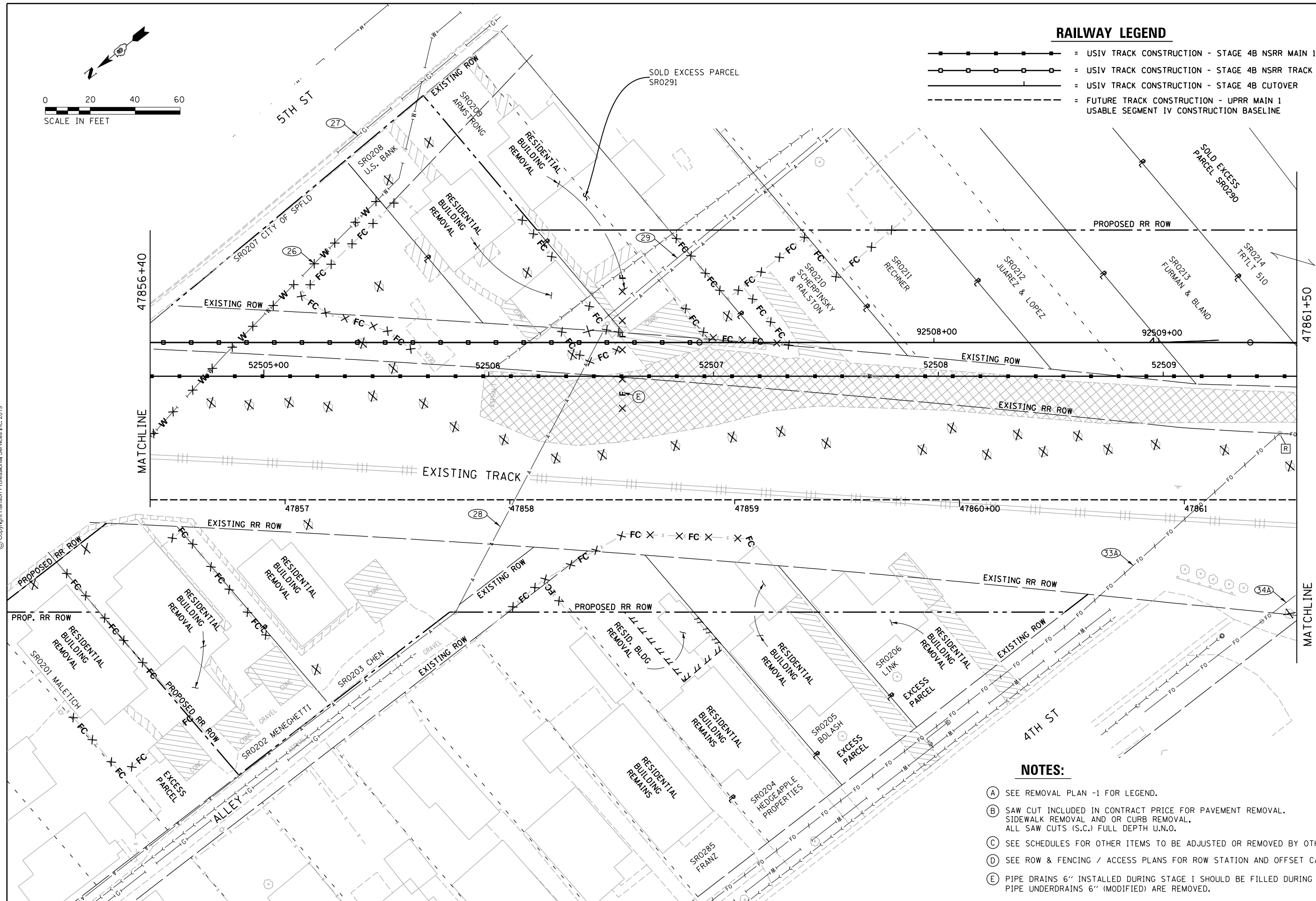
SCALE: SHEET 5 OF 11 SHEETS STA. 47851+10 TO STA. 47856+40

FINAL



### RAILWAY LEGEND

- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR MAIN 1
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR TRACK 1
- = USIV TRACK CONSTRUCTION - STAGE 4B CUTOVER
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 USABLE SEGMENT IV CONSTRUCTION BASELINE



### NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND.
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVEMENT REMOVAL. SIDEWALK REMOVAL AND OR CURB REMOVAL, ALL SAW CUTS (S.C.) FULL DEPTH U.N.O.
- (C) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
- (D) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.
- (E) PIPE DRAINS 6" INSTALLED DURING STAGE I SHOULD BE FILLED DURING STAGE IV WHEN PIPE UNDERDRAINS 6" (MODIFIED) ARE REMOVED.



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FINAL

FILE NAME = D609L0179B-REMOVAL-US4-TRACK105.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLANI	PLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
	PLOT DATE = 6/26/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
REMOVAL PLAN - TRACK - 6**

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09L0179B	(109) VB,(110) VB-5	SANGAMON	382	67
SCALE: SHEET 6 OF 11 SHEETS		CONTRACT NO. 93733		
STA. 47856+40 TO STA. 47861+50		ILLINOIS FED. AID PROJECT		

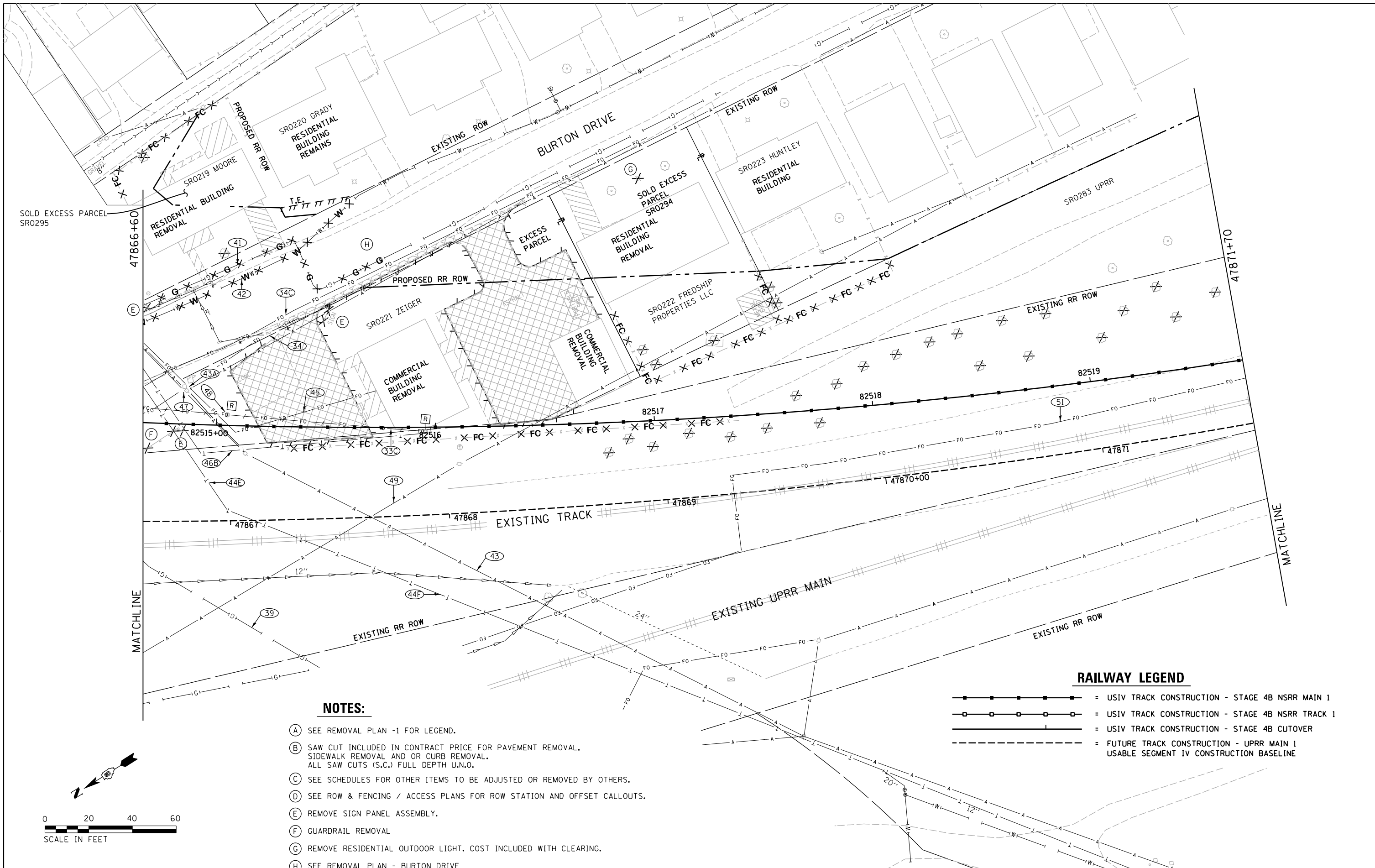








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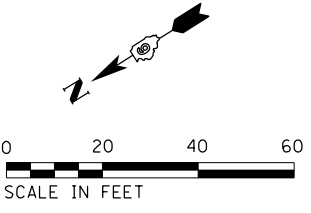


**NOTES:**

- (A) SEE REMOVAL PLAN -1 FOR LEGEND.
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVEMENT REMOVAL, SIDEWALK REMOVAL AND OR CURB REMOVAL. ALL SAW CUTS (S.C.) FULL DEPTH U.N.O.
- (C) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
- (D) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.
- (E) REMOVE SIGN PANEL ASSEMBLY.
- (F) GUARDRAIL REMOVAL
- (G) REMOVE RESIDENTIAL OUTDOOR LIGHT. COST INCLUDED WITH CLEARING.
- (H) SEE REMOVAL PLAN - BURTON DRIVE

**RAILWAY LEGEND**

- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR MAIN 1
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR TRACK 1
- = USIV TRACK CONSTRUCTION - STAGE 4B CUTOVER
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 USABLE SEGMENT IV CONSTRUCTION BASELINE



FINAL

FILE NAME = D609L0179B-REMOVAL-US4-TRACK107.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLANT	PLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
	PLOT DATE = 6/26/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
REMOVAL PLAN - TRACK - 8**

SCALE: SHEET 8 OF 11 SHEETS STA. 47866+60 TO STA. 47871+70

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	69
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

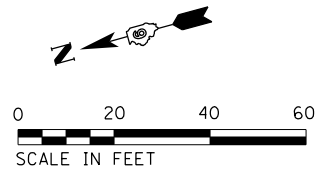
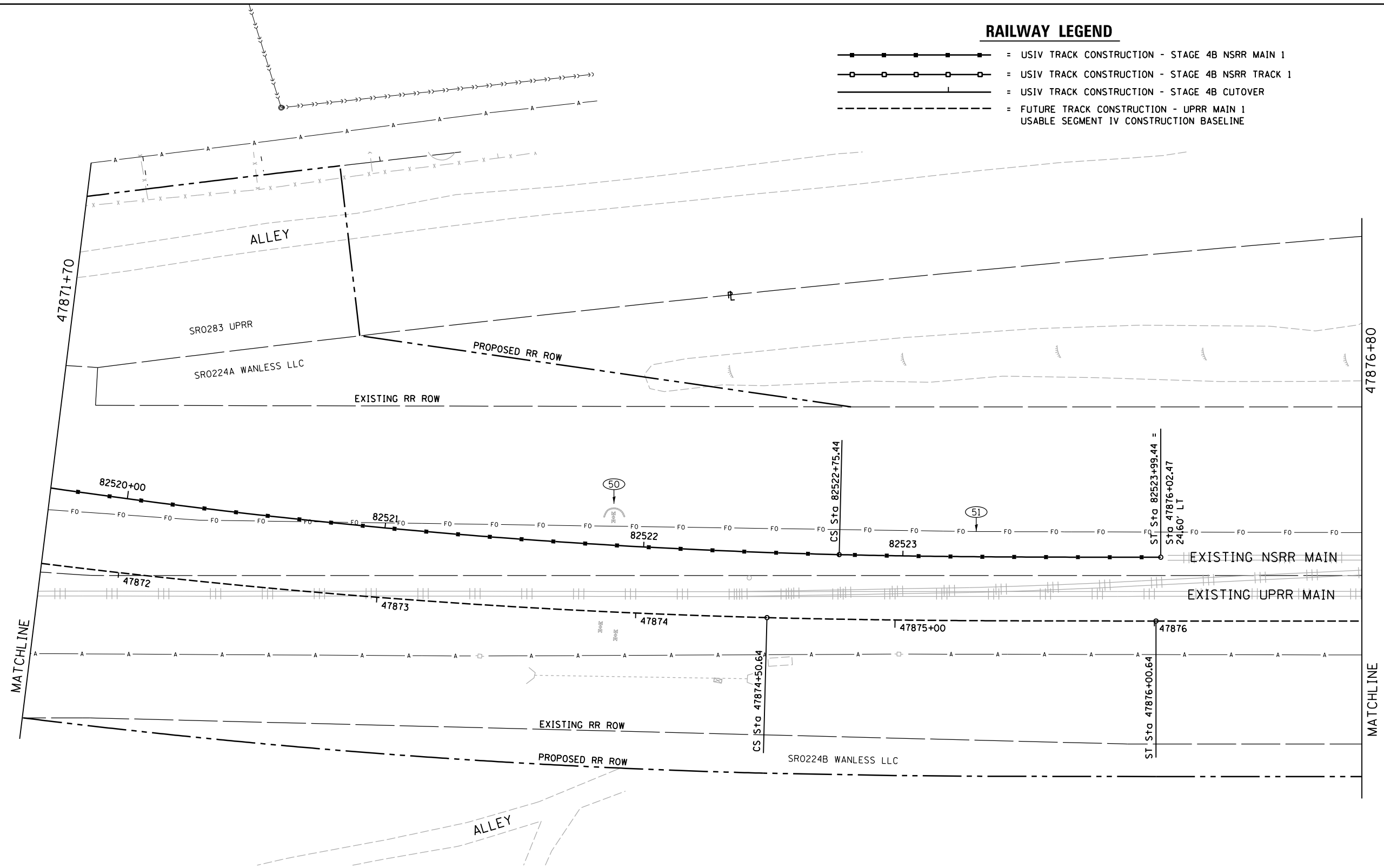


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### RAILWAY LEGEND

- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR MAIN 1
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR TRACK 1
- = USIV TRACK CONSTRUCTION - STAGE 4B CUTOVER
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1  
USABLE SEGMENT IV CONSTRUCTION BASELINE

PROP. CURVE 187.4  
 PI STA. = 47869+55.36  
 $\Delta$  = 19° 52' 35" (LT)  
 D = 1° 59' 10"  
 R = 2,884.93'  
 T = 505.48'  
 L = 1,000.76'  
 E = 43.95'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA = 47864+49.88  
 P.T. STA = 47874+50.64



### NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND.
- (B) NOT USED
- (C) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
- (D) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.

FINAL

FILE NAME = D609L0179B-REMOVAL-US4-TRACK108.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLANI	PLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
	PLOT DATE = 6/26/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

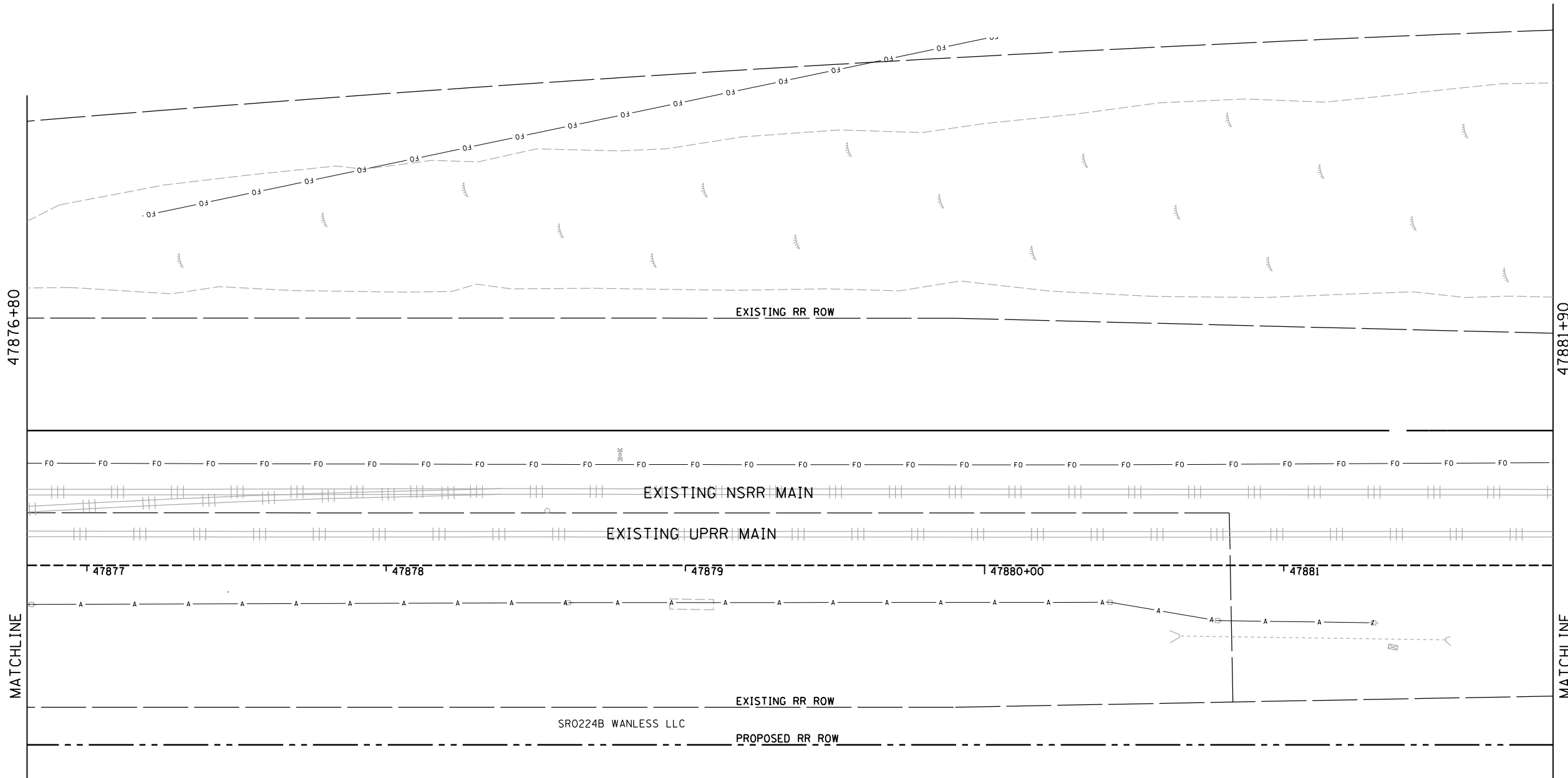
SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
 REMOVAL PLAN - TRACK - 9

SCALE: SHEET 9 OF 11 SHEETS STA. 47871+70 TO STA. 47876+80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	70
	09L0179B		CONTRACT NO. 93733	
*666 & 666 ALT.		ILLINOIS FED. AID PROJECT		



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**NOTES:**

- (A) SEE REMOVAL PLAN -1 FOR LEGEND.
- (B) NOT USED
- (C) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
- (D) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.

FINAL

FILE NAME = D609L0179B-REMOVAL-US4-TRACK109.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLANI	PLLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
	PLLOT DATE = 6/26/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

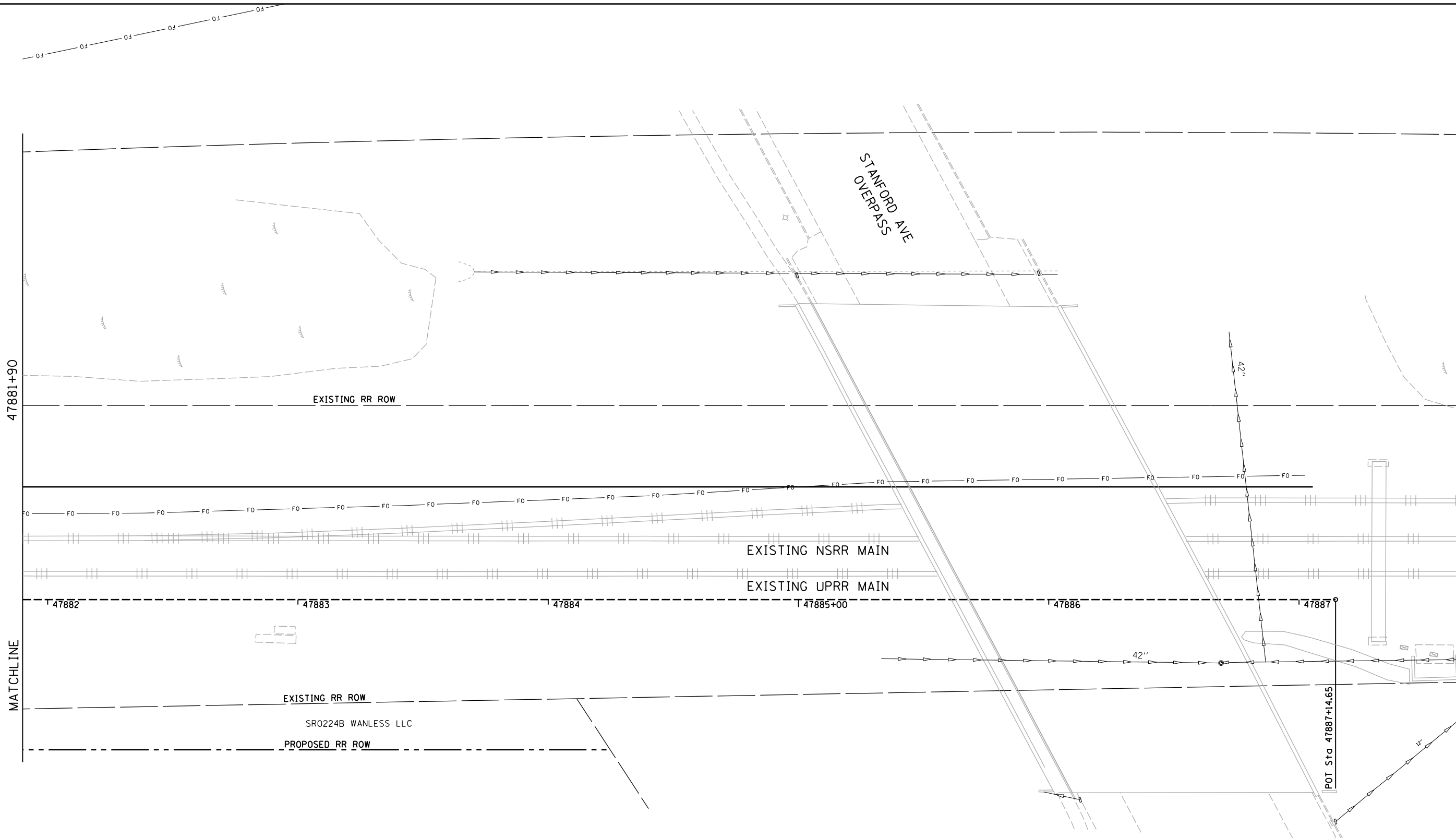
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
REMOVAL PLAN - TRACK - 10**

SCALE: SHEET 10 OF 11 SHEETS STA. 47876+80 TO STA. 47881+90

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	71
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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MATCHLINE



**NOTES:**

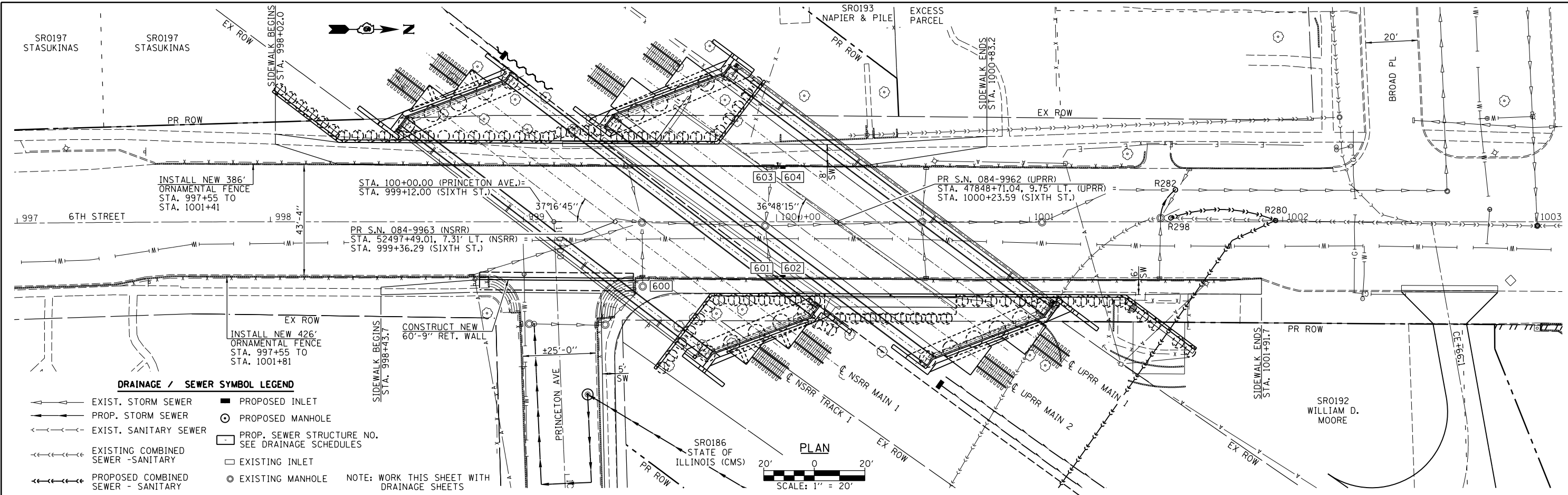
- (A) SEE REMOVAL PLAN -1 FOR LEGEND.
- (B) NOT USED
- (C) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
- (D) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.

FINAL

FILE NAME = D609L0179B-REMOVAL-US4-TRACK110.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS REMOVAL PLAN - TRACK - 11</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	72	
PLANI	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -	SCALE:	SHEET 11 OF 11 SHEETS	STA. 47881+90 TO STA. 47887+14.65	*666 & 666 ALT.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 93733	



DATE	
BY	
PLAN	SUBMITTED
	PLOTTED
	ALIGNED
	CHECKED
	DESIGNED
	FILED
NO.	
NO.	



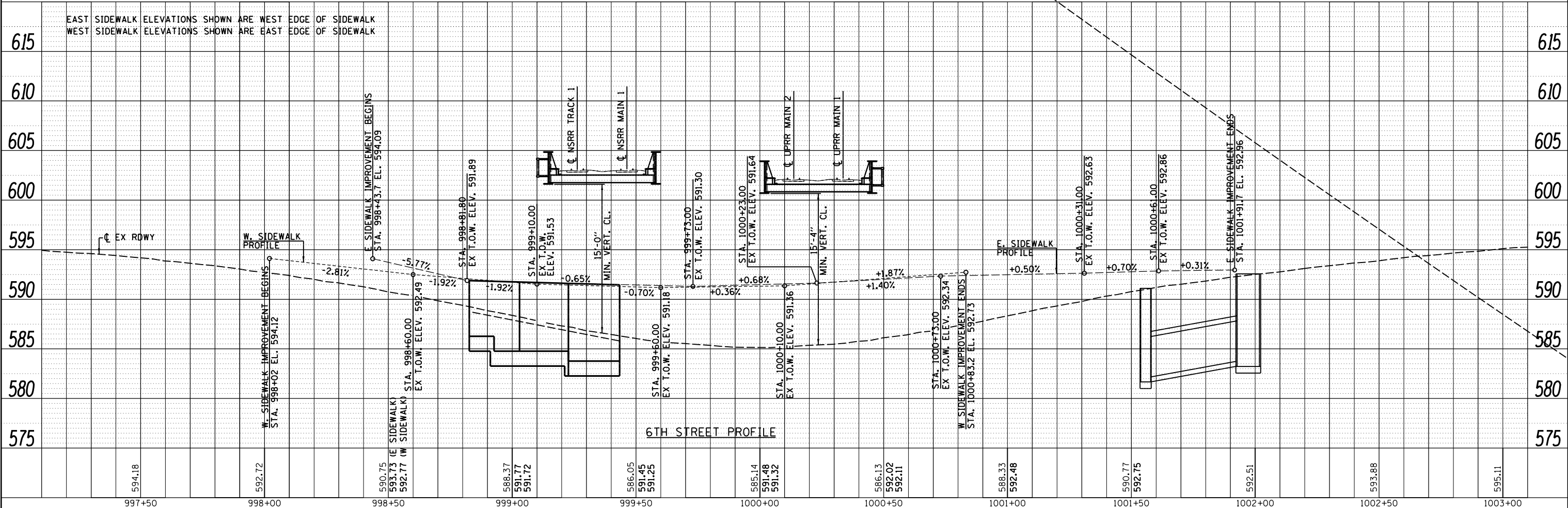
**DRAINAGE / SEWER SYMBOL LEGEND**

- EXIST. STORM SEWER
- PROP. STORM SEWER
- EXIST. SANITARY SEWER
- EXISTING COMBINED SEWER - SANITARY
- PROP. COMBINED SEWER - SANITARY
- PROPOSED INLET
- PROPOSED MANHOLE
- PROP. SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES
- EXISTING INLET
- EXISTING MANHOLE

NOTE: WORK THIS SHEET WITH DRAINAGE SHEETS



DATE	
BY	
PROFILE	SUBMITTED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHKD
NO.	
NO.	



997+50	998+00	998+50	999+00	999+50	1000+00	1000+50	1001+00	1001+50	1002+00	1002+50	1003+00
594.18	592.72	590.75 593.73 (E SIDEWALK) 592.77 (W SIDEWALK)	588.37 591.77 591.72	586.05 591.45 591.25	585.14 591.48 591.32	586.13 592.02 592.11	588.33 592.48	590.77 592.75	592.51	593.88	595.11

Veenstra & Kimm, Inc.  
Springfield, IL Phone: (217)544-8033

USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/26/2019	CHECKED -	REVISED -
	DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
PLAN & PROFILE - 6TH STREET

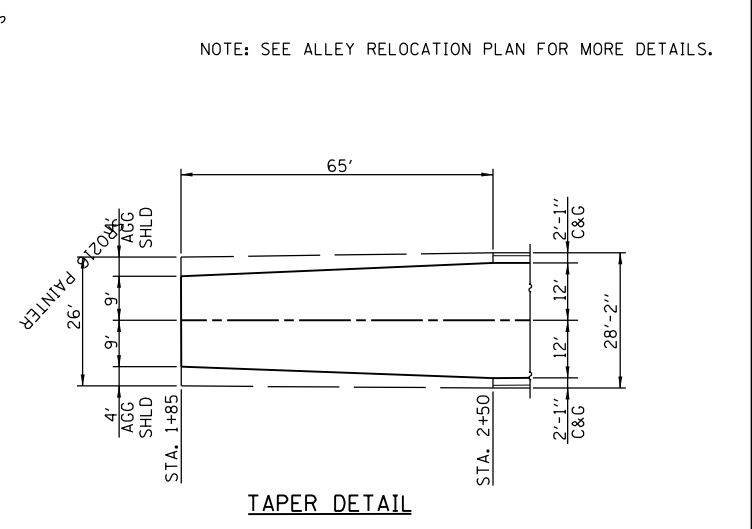
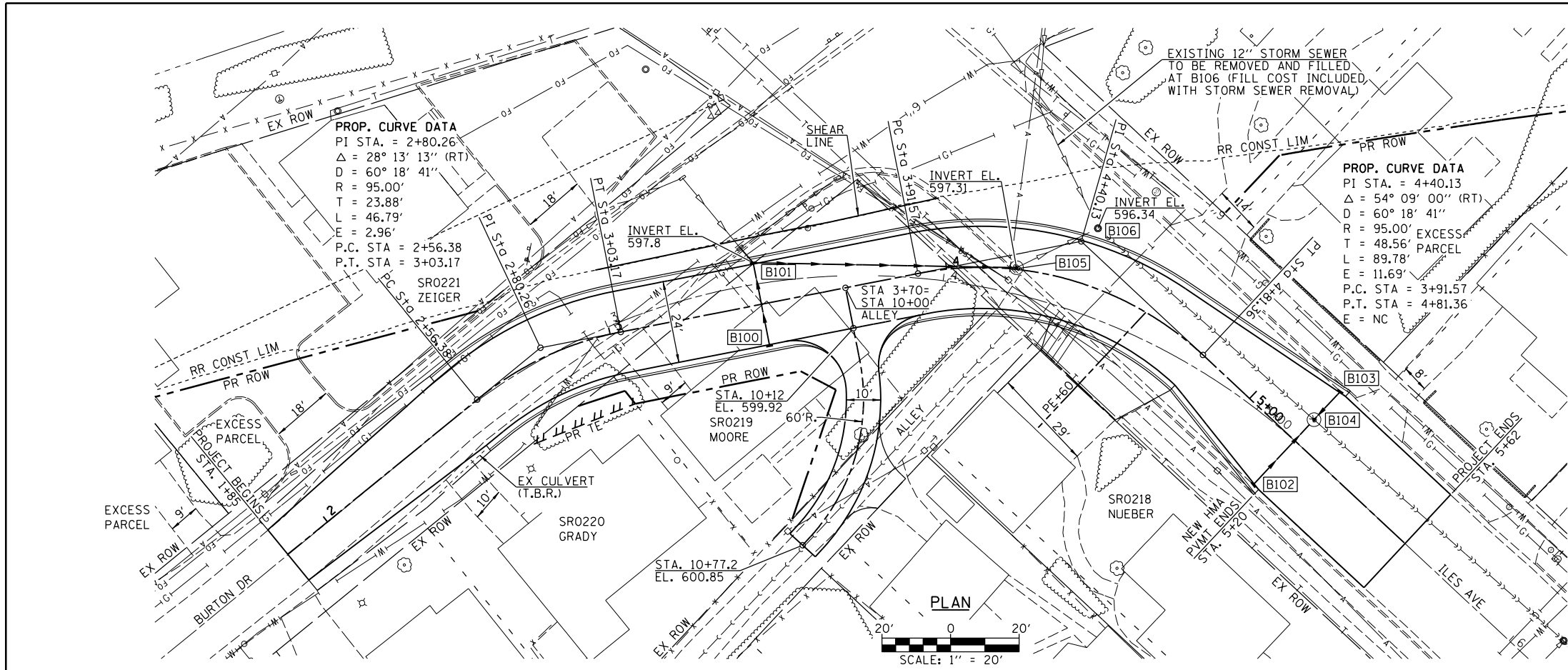
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	74
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
PLAN	SUBMITTED
	PLOTTED
	ALIGNMENT CHECKED
	STRUCTURE CHECKED
	NOTE BOOK NO.
	CARD FILE NAME

DATE	
BY	
PROFILE	SUBMITTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHKD
	NOTE BOOK NO.
	STRUCTURE

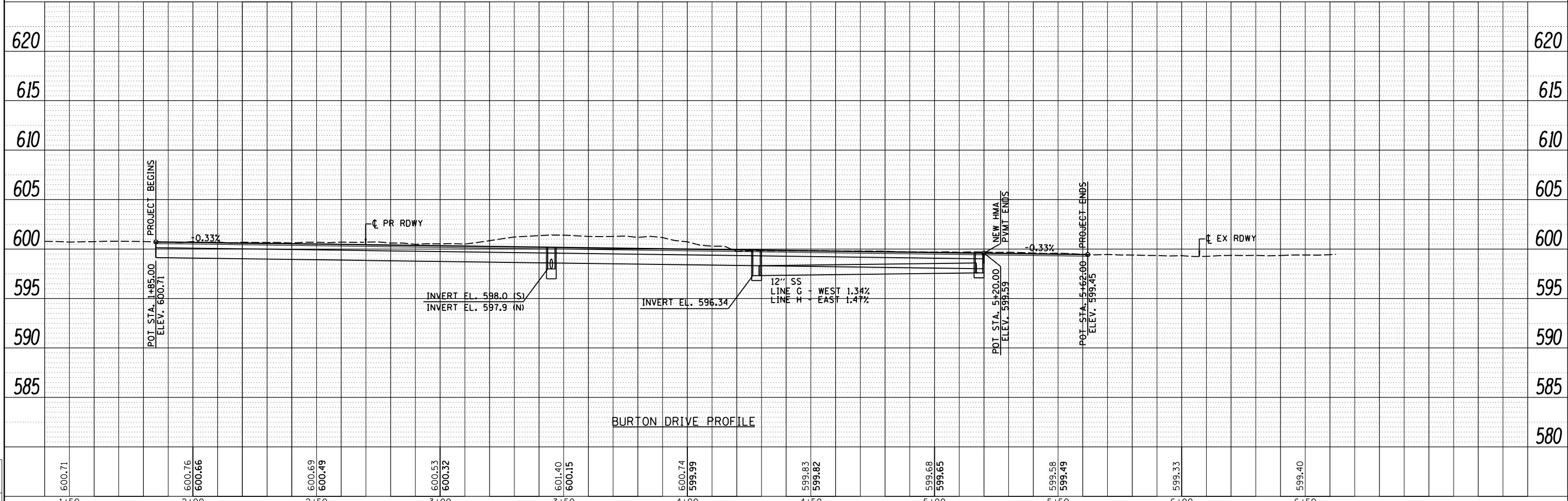
DESIGNED	
DRAWN	
INVALED	



**DRAINAGE / SEWER SYMBOL LEGEND**

	EXIST. STORM SEWER		PROPOSED INLET
	PROP. STORM SEWER		PROPOSED MANHOLE
	EXIST. SANITARY SEWER		PROP. SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES
	EXISTING COMBINED SEWER - SANITARY		EXISTING INLET
	PROPOSED COMBINED SEWER - SANITARY		EXISTING MANHOLE

NOTE: WORK THIS SHEET WITH DRAINAGE SHEETS

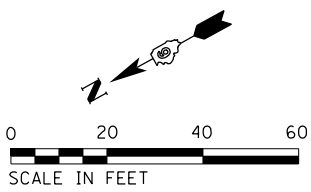


600.71	600.76 600.66	600.69 600.49	600.53 600.32	601.40 600.15	600.74 599.99	599.83 599.82	599.68 599.65	599.58 599.49	599.33	599.40
1+50	2+00	2+50	3+00	3+50	4+00	4+50	5+00	5+50	6+00	6+50









**NOTES:**

- (A) SEE P&P FINAL NSRR MAIN 1 STAGE 4B SHEETS FOR DRAINAGE / SEWER ELEMENTS.
- (B) SEE FENCING & ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

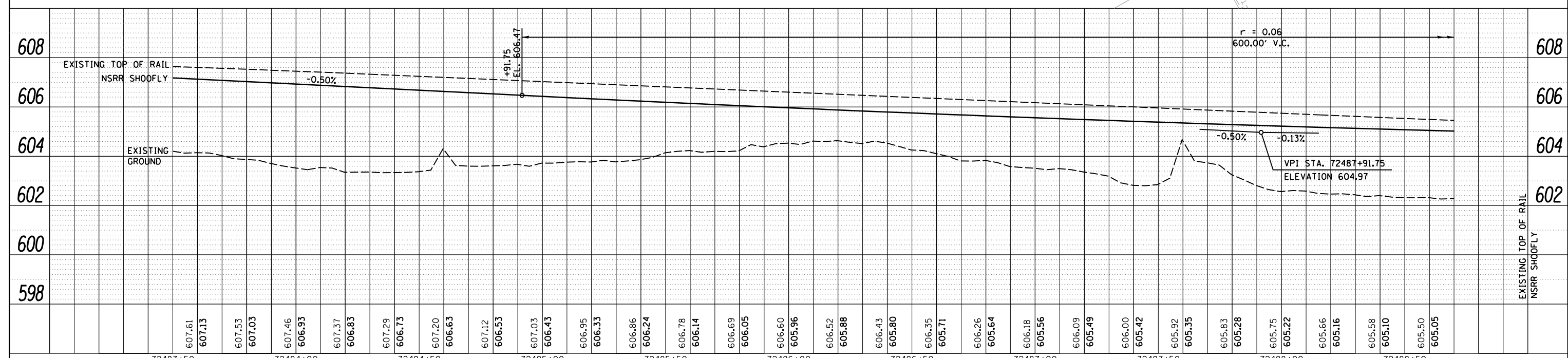
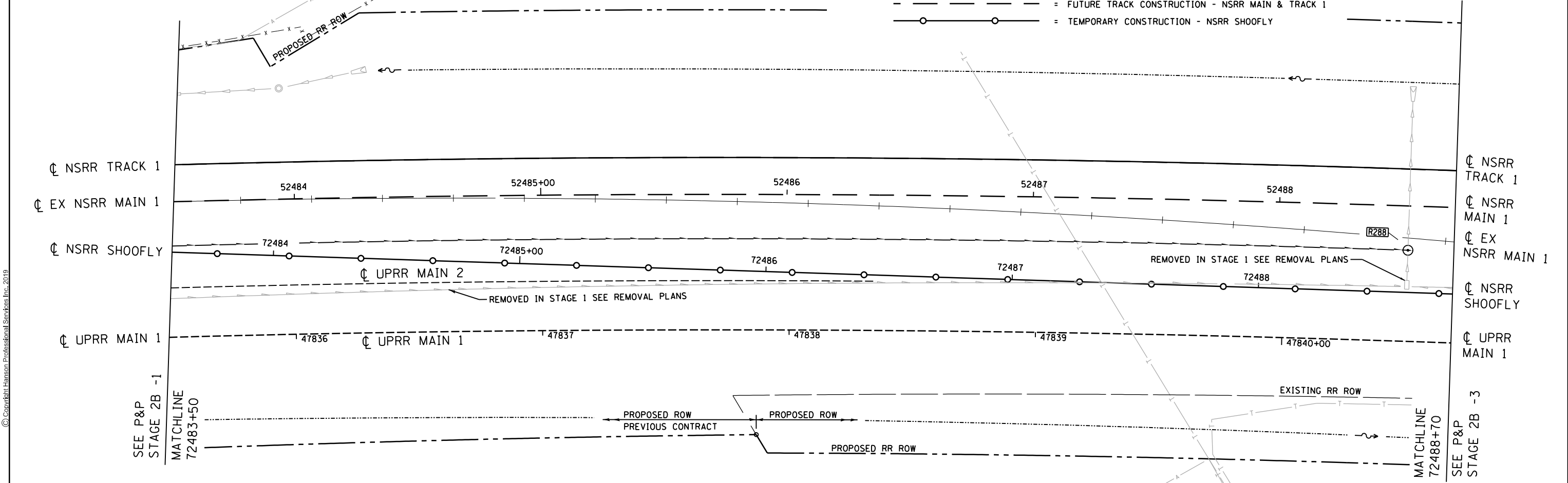
**RAILWAY LEGEND**

- = TRACK CONSTRUCTION - NSRR MAIN 1
- = TRACK CONSTRUCTION - NSRR TRACK 1
- = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- = FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1
- = TEMPORARY CONSTRUCTION - NSRR SHOOFLY

DATE	
BY	
PLAN	SUBMITTED
NOTE BOOK NO.	PLOTTED
	ALIGNMENT CHECKED
	FILE NAME



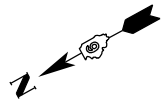
DATE	
BY	
PROFILE	SUBMITTED
NOTE BOOK NO.	GRADES CHECKED
	STRUCTURE NOTATIONS CHKD



FILE NAME = D609L0179B-PP-US4-TRACK-SH002.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - SHOOFLY /STAGE 2B - 2</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLANT	PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	78	
	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -			09L0179B	CONTRACT NO. 93733			
						*666 & 666 ALT.	ILLINOIS FED. AID PROJECT			

FINAL



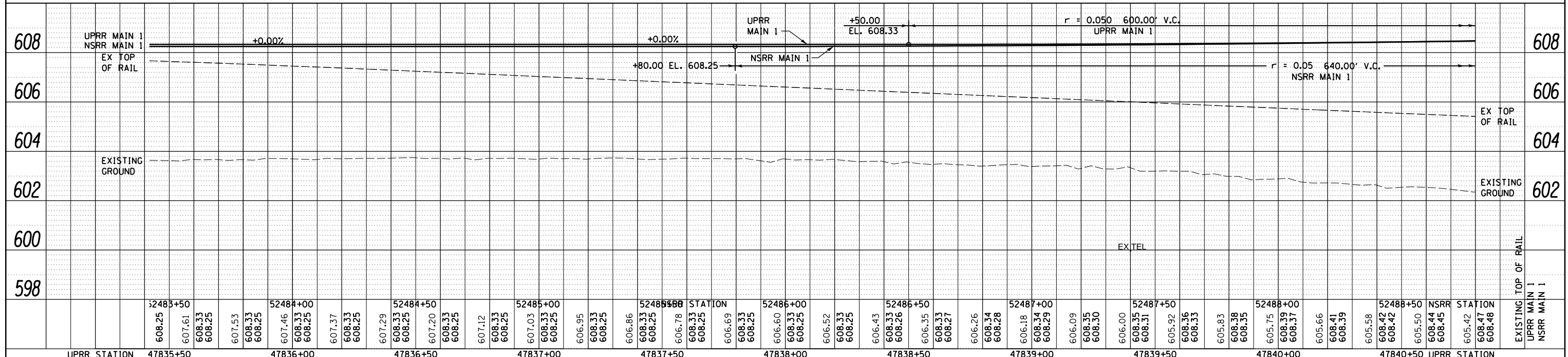
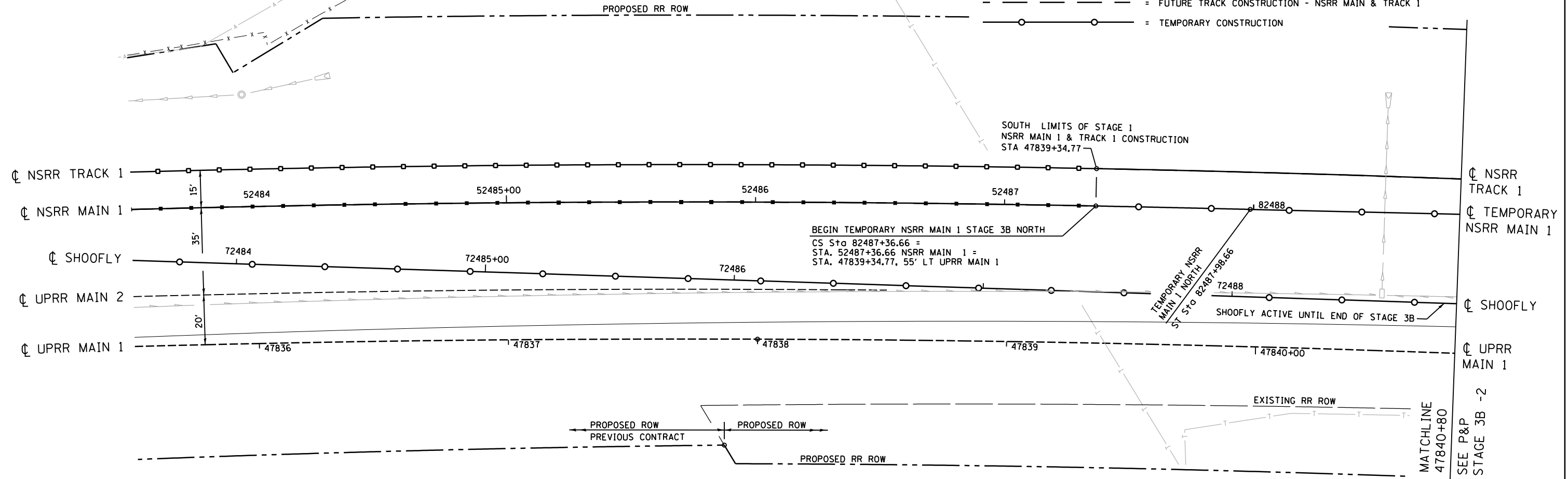


**NOTES:**

- (A) SEE P&P FINAL NSRR MAIN 1 STAGE 4B SHEETS FOR DRAINAGE / SEWER ELEMENTS.
- (B) SEE FENCING & ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

**RAILWAY LEGEND**

- = TRACK CONSTRUCTION - NSRR MAIN 1
- = TRACK CONSTRUCTION - NSRR TRACK 1
- +—+—+—+—+— = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
- - - - - = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- - - - - = FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1
- = TEMPORARY CONSTRUCTION



DATE	
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PLAN	SUBMITTED
NOTE BOOK NO.	ALIGNED
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	FILED
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PROFILE	SUBMITTED
NOTE BOOK NO.	GRADES CHECKED
	STRUCTURE
	NOTATIONS CHD

FILE NAME = D609L0179B-PP-US4-TRACK-01.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT</b> <b>SPRINGFIELD, SANGAMON COUNTY, ILLINOIS</b> <b>PLAN &amp; PROFILE - TEMPORARY NSRR MAIN 1 STAGE 3B - 1</b></p>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TEMP NORTH PLAN	PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	80	
	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -			09L0179B	CONTRACT NO.	93733		
						*666 & 666 ALT.	ILLINOIS FED. AID PROJECT			







**NOTES:**

- (A) SEE P&P FINAL NSRR MAIN 1 STAGE 4B SHEETS FOR DRAINAGE / SEWER ELEMENTS.
- (B) SEE FENCING & ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

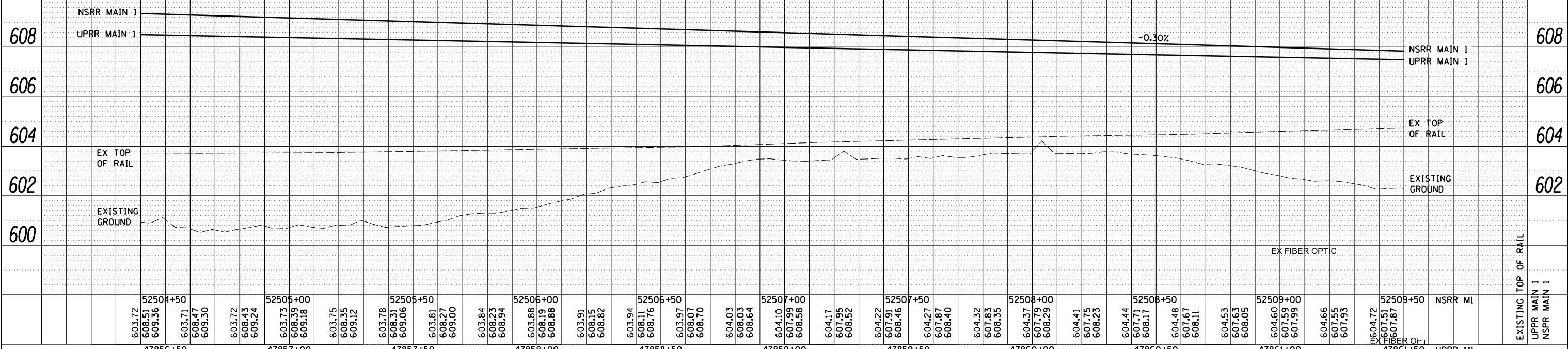
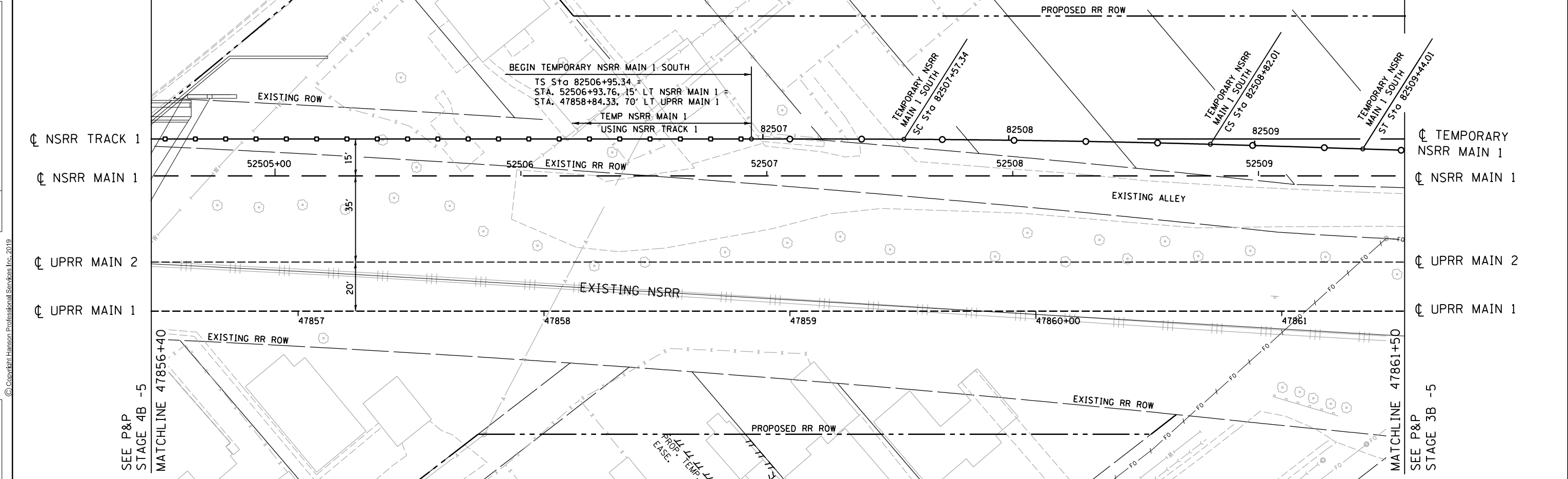
**RAILWAY LEGEND**

- = TRACK CONSTRUCTION - NSRR MAIN 1
- = TRACK CONSTRUCTION - NSRR TRACK 1
- = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- = FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1
- = TEMPORARY CONSTRUCTION

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FILE NAME = D609L0179B-PP-US4-TRACK-05.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT</b> <b>SPRINGFIELD, SANGAMON COUNTY, ILLINOIS</b> <b>PLAN &amp; PROFILE - TEMPORARY NSRR MAIN 1 STAGE 3B - 4</b></p>	F.A.U. RTE. = (109) VB,(110) VB-5	SECTION = 09L0179B	COUNTY = SANGAMON	TOTAL SHEETS = 382	SHEET NO. = 83
TEMP SOUTH PLAN	PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -		SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.	CONTRACT NO. = 666 & 666 ALT.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 6/26/2019	DATE = 06/26/2019	REVISED -						

FINAL

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**NOTES:**

- (A) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
- (B) LIMITS OF TRACK ACCESS ENTRANCES, MAINTENANCE ROADS AND TURNAROUNDS. SEE TRACK ROW & FENCING / ACCESS PLANS ALONG WITH DETAIL SHEETS FOR LAYOUT AND MATERIALS.
- (C) SEE STORM SEWER PLAN & PROFILES.

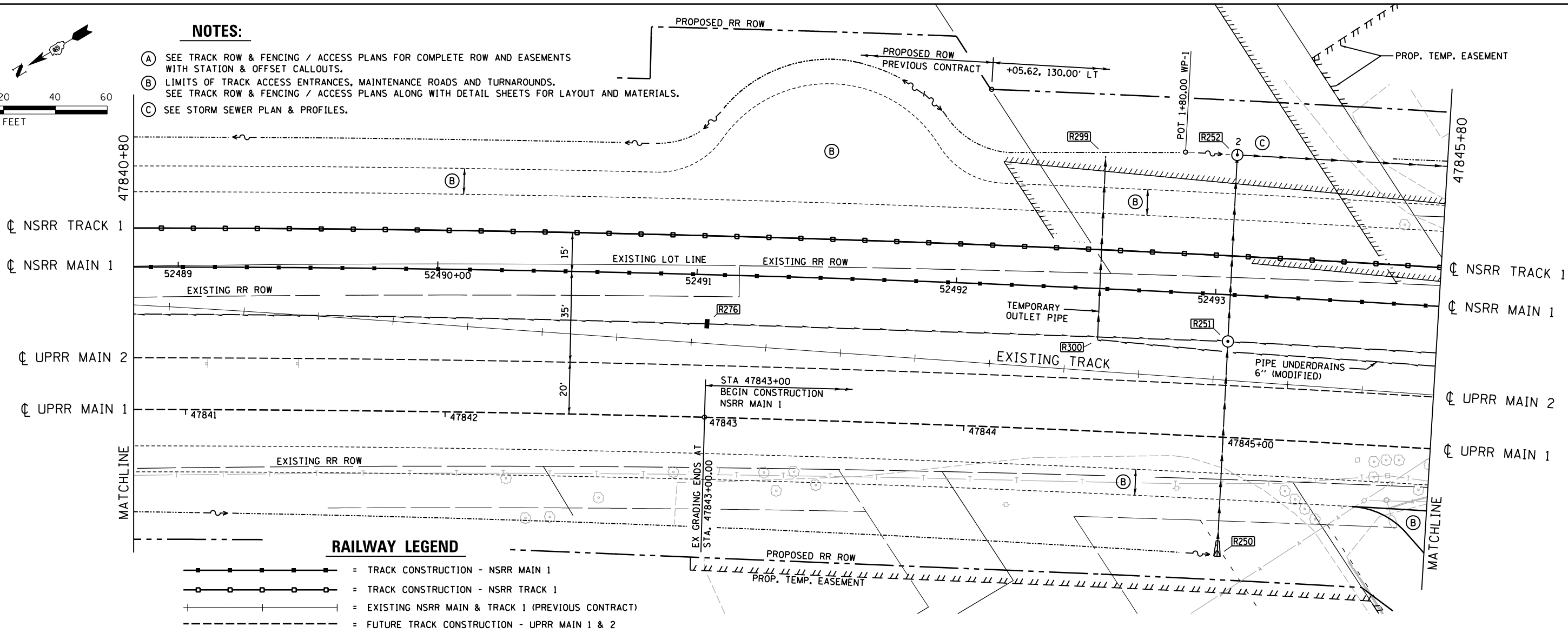


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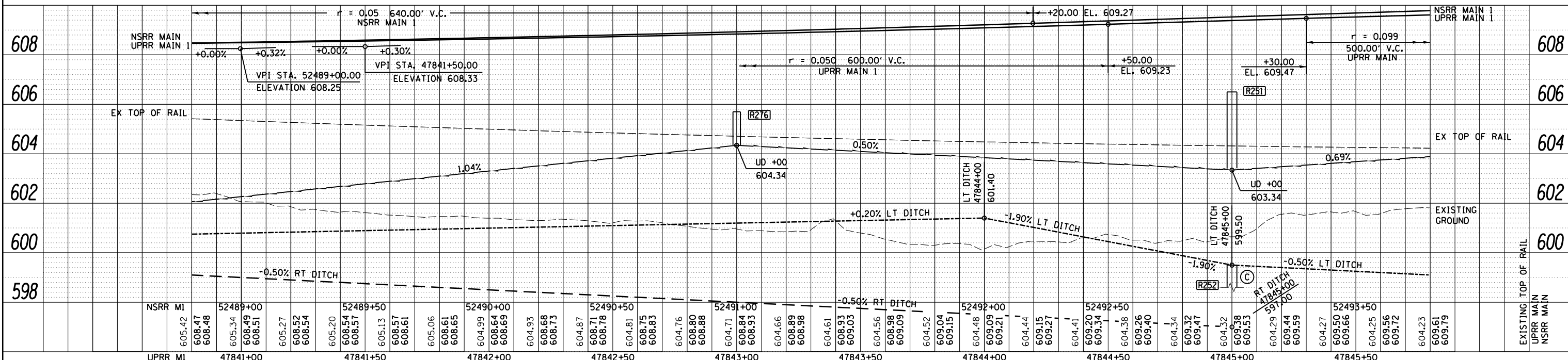
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**RAILWAY LEGEND**

- [Symbol] — = TRACK CONSTRUCTION - NSRR MAIN 1
- [Symbol] — = TRACK CONSTRUCTION - NSRR TRACK 1
- [Symbol] — = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
- [Symbol] — = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- [Symbol] — = FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1



FILE NAME = D609L0179B-PP-US4-TRACK-02.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT</b> <b>SPRINGFIELD, SANGAMON COUNTY, ILLINOIS</b> <b>PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 3</b></p>	F.A.U. R.T.E. = (109) VB,(110) VB-5	COUNTY = SANGAMON	TOTAL SHEETS = 382	SHEET NO. = 87
PLANT	PLOT SCALE = 48.00' / in.	CHECKED - JWM/GCN	REVISED -		SECTION = 09L0179B	CONTRACT NO. = 93733		
	PLOT DATE = 6/26/2019	DATE = 06/26/2019	REVISED -		SCALE: SHEET 3 OF 11 SHEETS	STA. TO STA.	*666 & 666 ALT. ILLINOIS FED. AID PROJECT	









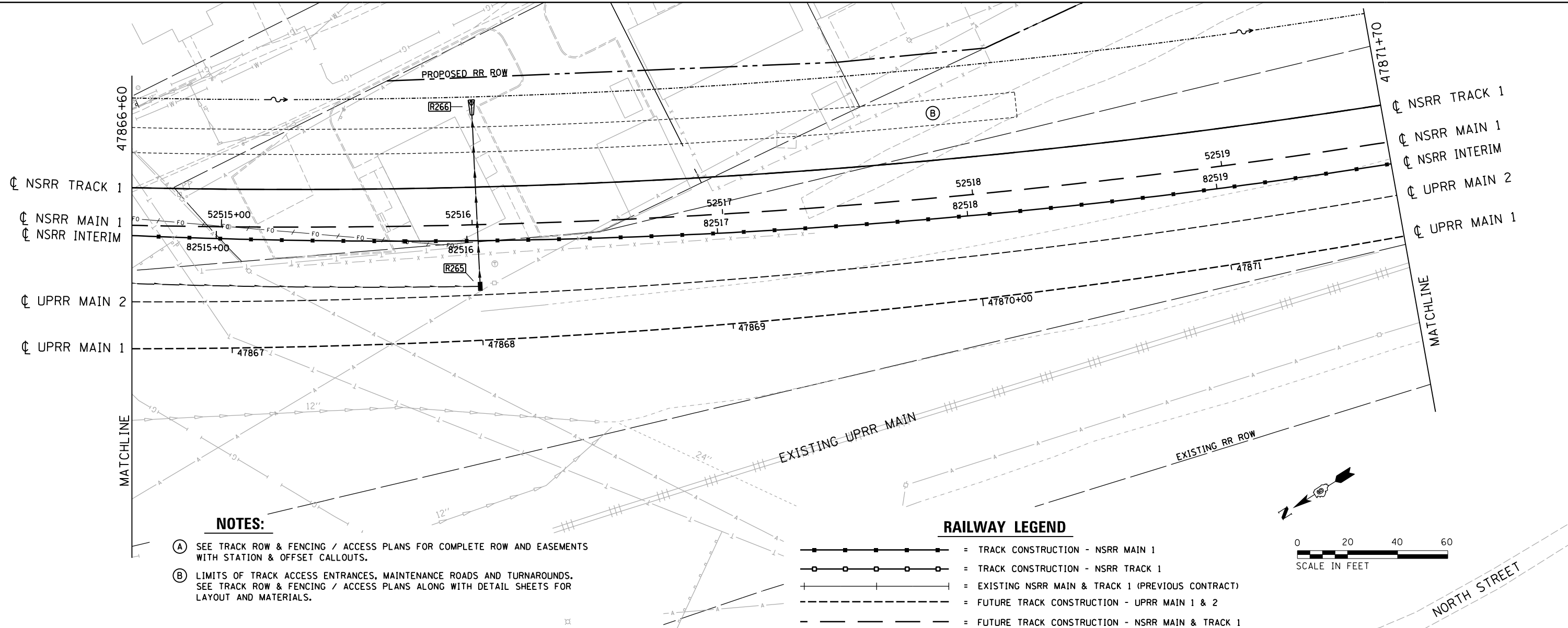


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PLAN	SUBMITTED
NOTE BOOK NO.	PLOTTED
	ALIGNMENT CHECKED
	PROPOSED TRACKS
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NOTE BOOK NO.	GRADES CHECKED
	STRUCTURE NOTATIONS CHKD

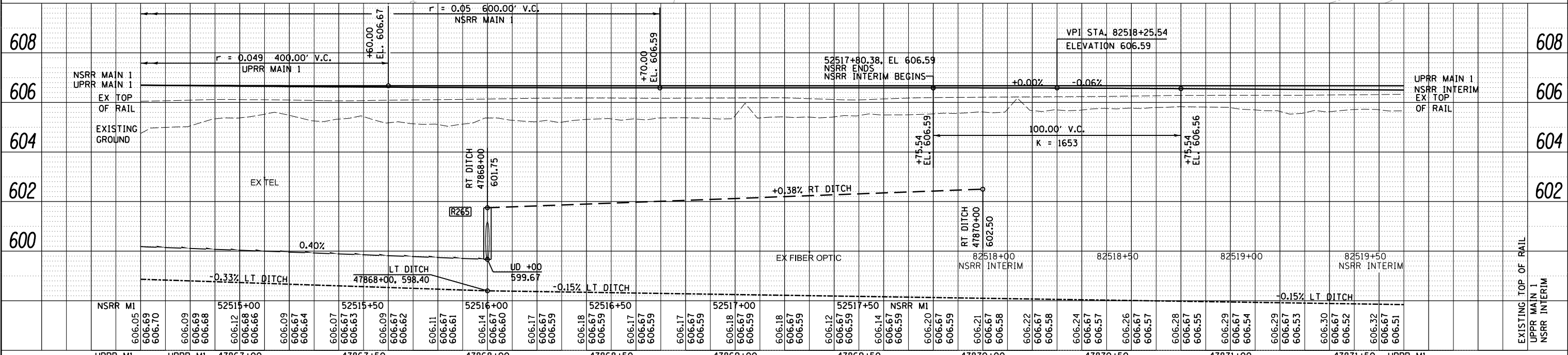
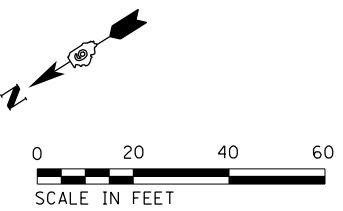


**NOTES:**

- (A) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
- (B) LIMITS OF TRACK ACCESS ENTRANCES, MAINTENANCE ROADS AND TURNAROUNDS. SEE TRACK ROW & FENCING / ACCESS PLANS ALONG WITH DETAIL SHEETS FOR LAYOUT AND MATERIALS.

**RAILWAY LEGEND**

- = TRACK CONSTRUCTION - NSRR MAIN 1
- = TRACK CONSTRUCTION - NSRR TRACK 1
- = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- = FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1



FILE NAME = D609L0179B-PP-US4-TRACK-07.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> <b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT</b> <b>SPRINGFIELD, SANGAMON COUNTY, ILLINOIS</b> <b>PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 8</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLANI	PLOT SCALE = 48.00' / in.	CHECKED - JWM/GCN	REVISED -		•	(109) VB,(110) VB-5	SANGAMON	382	92	
	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -			09L0179B				CONTRACT NO. 93733
					SCALE:	SHEET 8 OF 11 SHEETS	STA.	TO STA.	*666 & 666 ALT. ILLINOIS FED. AID PROJECT	



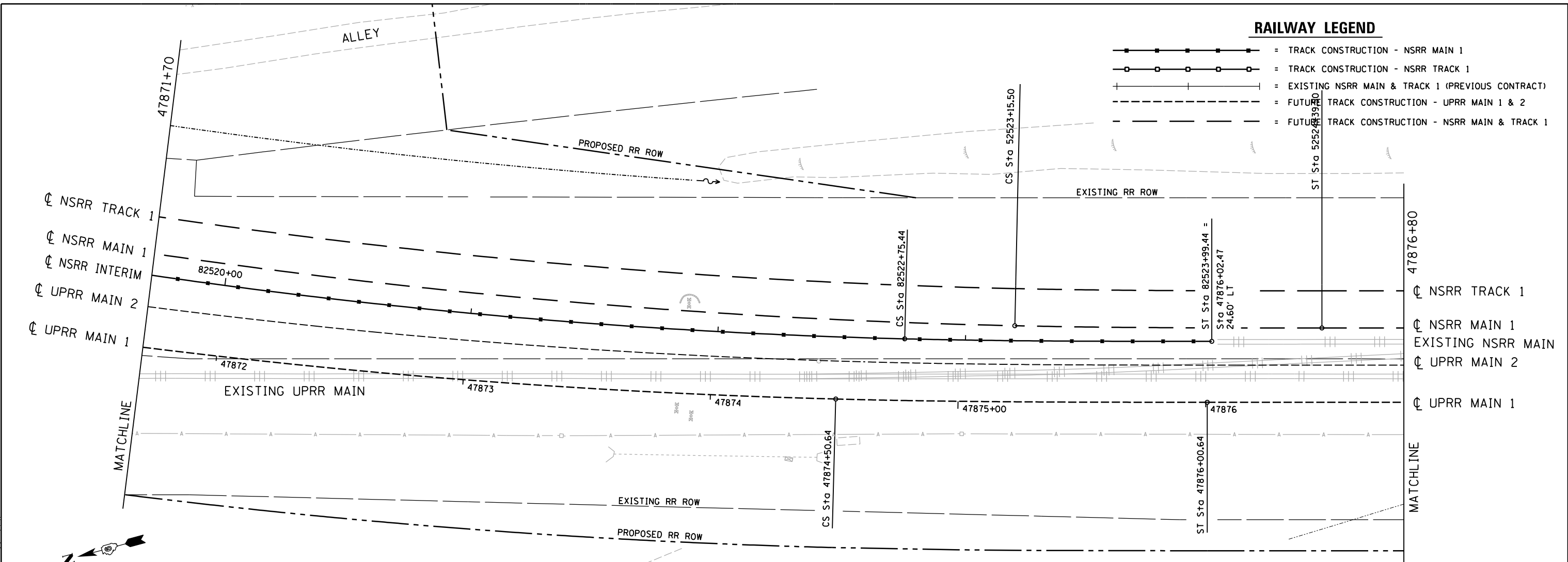
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	CHECKED		
	DESIGNED		
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	FILE NAME		



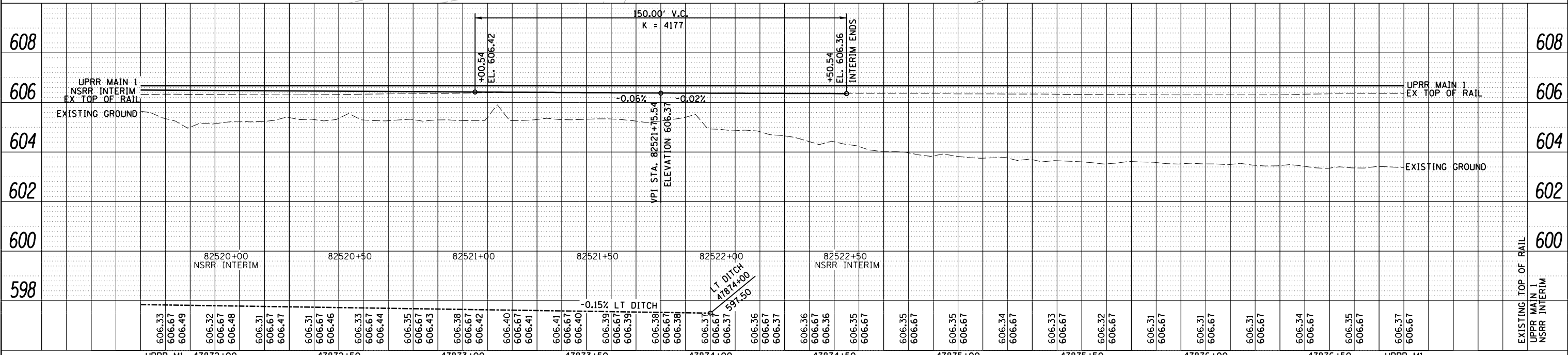
PROFILE	SUBMITTED	BY	DATE
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	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHFD		
	NO. _____		

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	= TRACK CONSTRUCTION - NSRR MAIN 1
	= TRACK CONSTRUCTION - NSRR TRACK 1
	= EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
	= FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
	= FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1



**NOTES:**  
 (A) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.



FILE NAME = D609L0179B-PP-US4-TRACK-08.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT</b> <b>SPRINGFIELD, SANGAMON COUNTY, ILLINOIS</b> <b>PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 9</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLANT	PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	93	
	PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -			09L0179B	CONTRACT NO.	93733		
						SCALE: SHEET 9 OF 11 SHEETS	STA. TO STA.	*666 & 666 ALT. ILLINOIS FED. AID PROJECT		

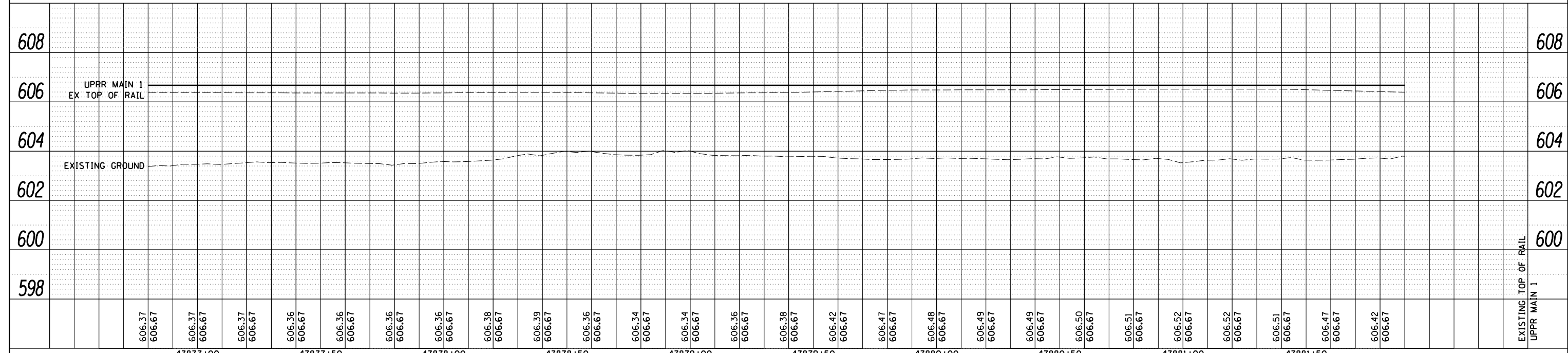
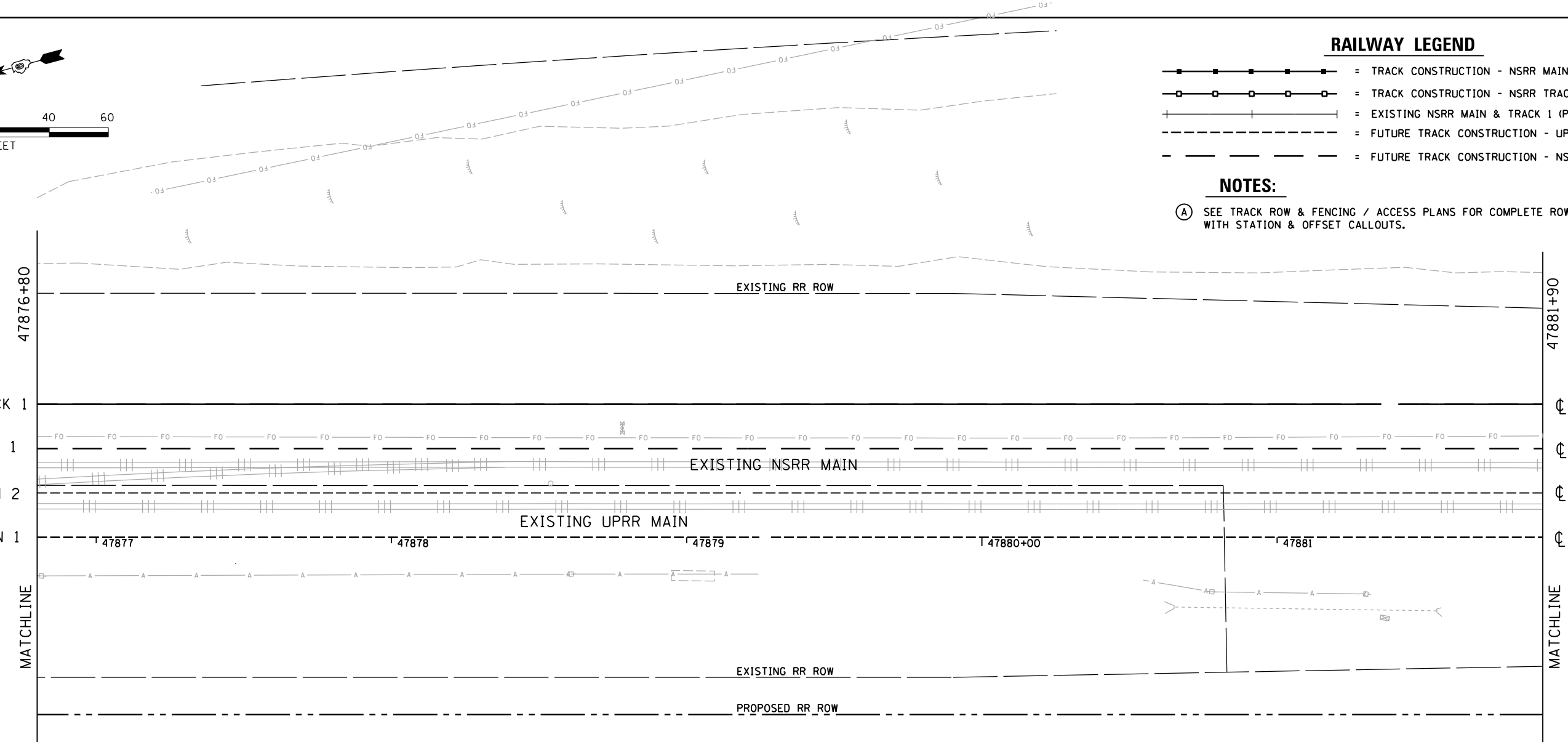


### RAILWAY LEGEND

- = TRACK CONSTRUCTION - NSRR MAIN 1
- = TRACK CONSTRUCTION - NSRR TRACK 1
- = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- = FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1

### NOTES:

- (A) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.



PLAN	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
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PROFILE	SUBMITTED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATIONS CHKD	

FINAL	FILE NAME = D609L0179B-PP-US4-TRACK-09.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 10			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLANI	PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -		SCALE:	SHEET 10 OF 11 SHEETS	STA.	TO STA.	(109) VB,(110) VB-5	SANGAMON	382	94		
		PLOT DATE = 6/26/2019	DATE - 06/26/2019	REVISED -							09L0179B				
											CONTRACT NO. 93733				



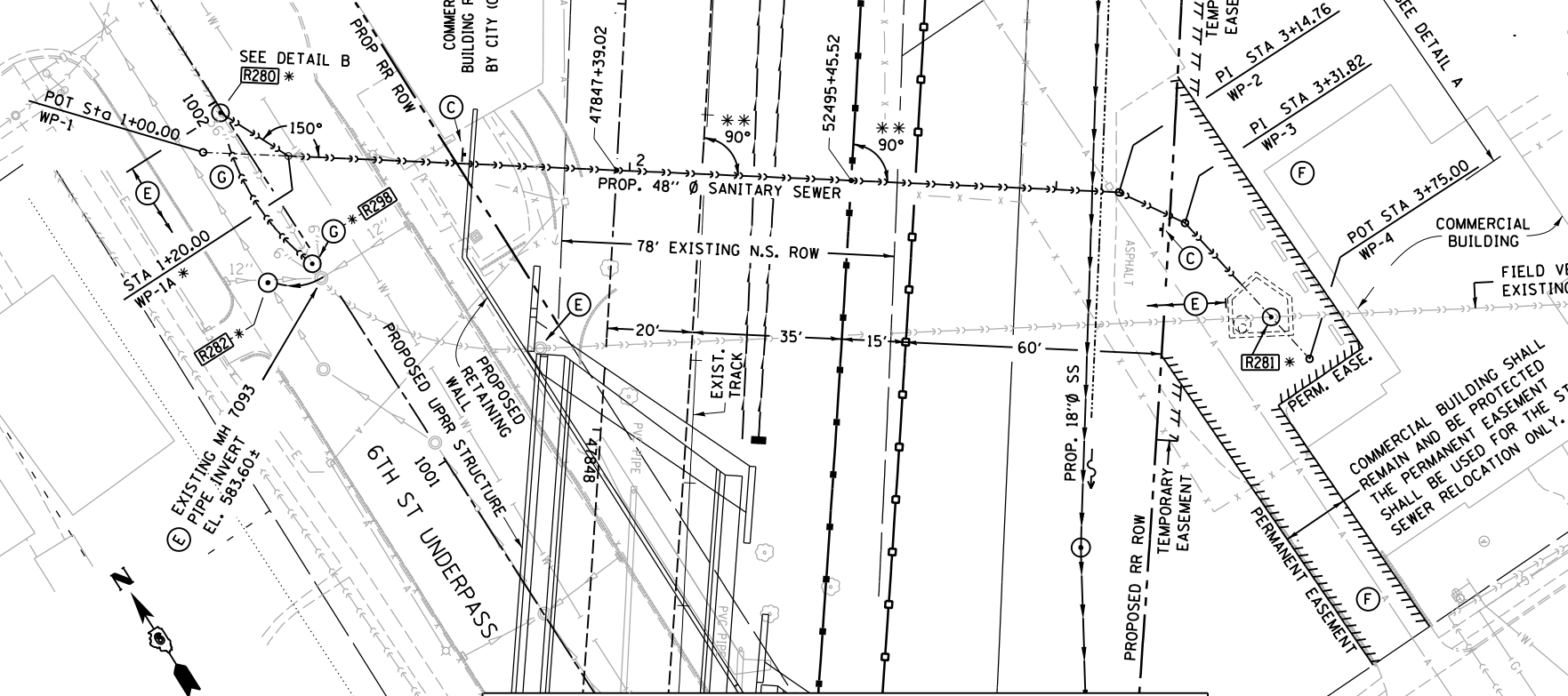
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PLAN	SURVEYED
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PROFILE	SURVEYED
	NOTED
	PLOTTED
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	NO.
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**RAILWAY LEGEND**

- +—+—+—+ = USV TRACK CONSTRUCTION - NSRR MAIN 1
- +—+—+—+ = USV TRACK CONSTRUCTION - NSRR TRACK 1
- +—+—+—+ = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
- +—+—+—+ = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2



**NOTES**

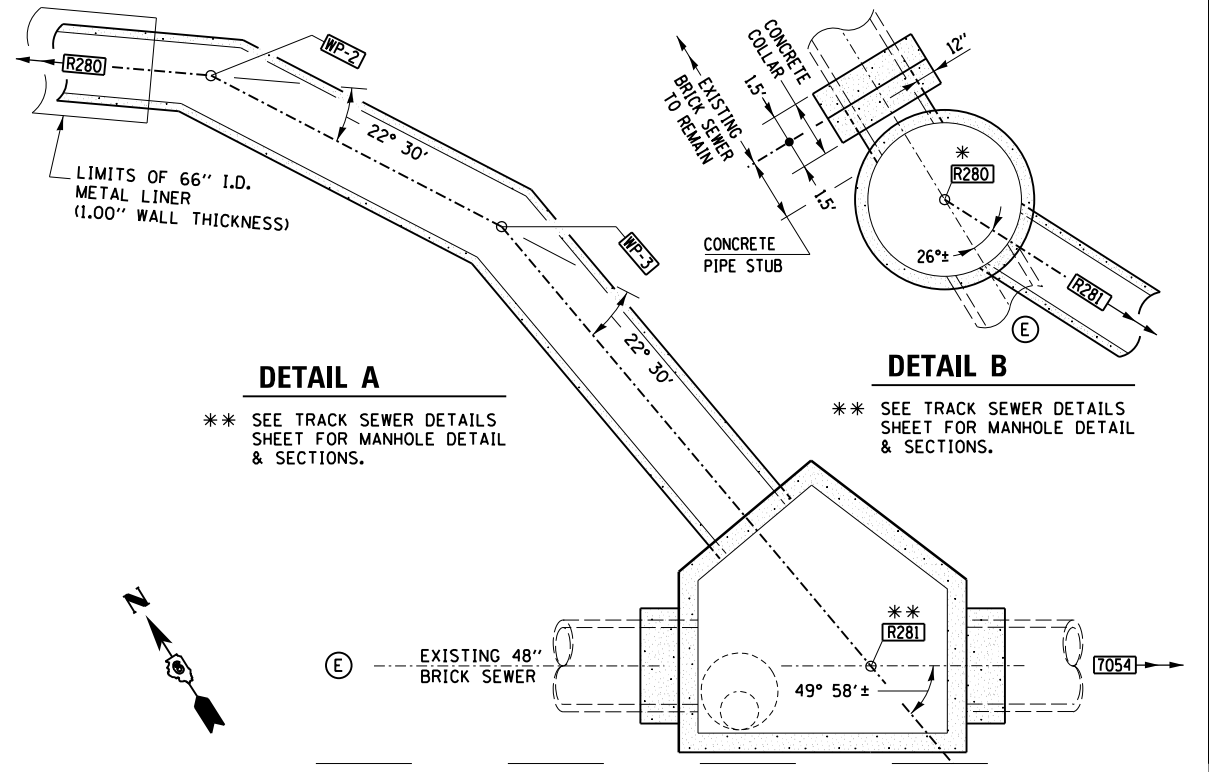
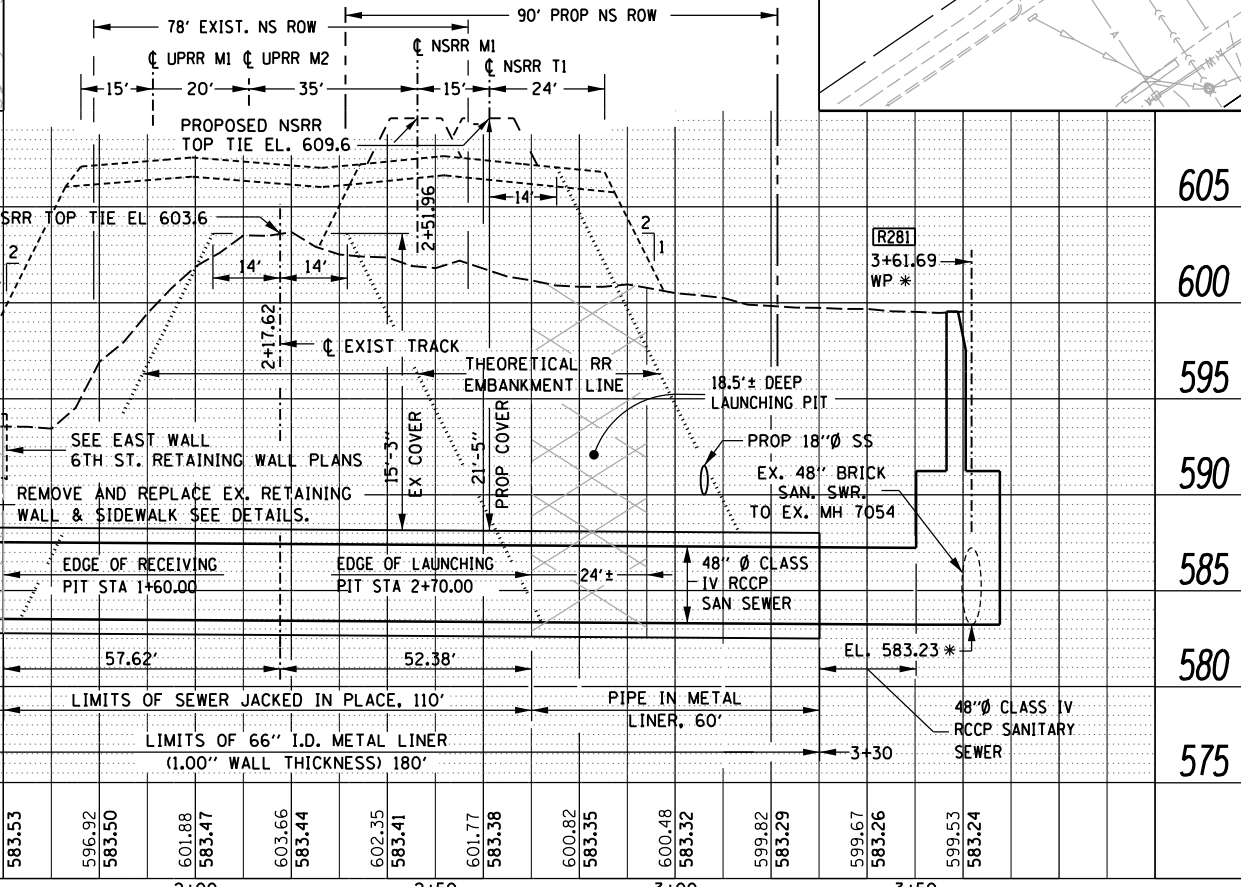
- (A) CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECIFICATIONS.
- (B) PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED "AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION" SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCES.
- (C) PIPELINE MARKER SIGN NOTE : COST INCLUDED WITH 48"Ø SS
- (D) THE 48" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED DURING STAGE 1, PRIOR TO TRACK CONSTRUCTION.
- (E) FILL ABANDONED SEWER WITH CLSM UPON COMPLETION OF SEWER RELOCATION. SANITARY MH IN RR EMBANKMENT WILL BE REMOVED IN STAGE 4 CONSTRUCTION OF UPRR BRIDGE.
- (F) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
- (G) DETERMINE WHETHER 6" PIPES ARE STILL ACTIVE. IF YES, CONSTRUCT 4' DIA. SANITARY MANHOLE R298, CONNECT 6" PIPES & CONSTRUCT 12" SANITARY SEWER FROM ADDITIONAL MANHOLE TO MANHOLE R280. IF NO, PLUG PIPES, & DO NOT CONSTRUCT R298 MANHOLE & SANITARY SEWER. SEE 6TH STREET DRAINAGE AND STORM SEWER DETAILS.
- (H) SOIL SUPPORT FOR LAUNCHING AND RECEIVING PITS SHALL BE DESIGNED FOR RAILROAD / HIGHWAY LOADING.

**DRAINAGE / SEWER SYMBOL LEGEND**

- +—+—+—+ = EXIST. STORM SEWER
- +—+—+—+ = PROP. STORM SEWER
- +—+—+—+ = EXIST. SANITARY SEWER
- +—+—+—+ = EXISTING COMBINED SEWER - SANITARY
- +—+—+—+ = PROPOSED COMBINED SEWER - SANITARY
- +—+—+—+ = EXIST. PIPE UNDERDRAIN
- +—+—+—+ = PROPOSED 10" PIPE UNDERDRAIN, TYPE 2
- = EXISTING INLET
- = EXISTING MANHOLE
- = PROPOSED INLET
- = PROPOSED MANHOLE
- [R281] = PROP. SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES
- ⊕ = PROPOSED RAILWAY UNDERDRAIN CLEANOUT
- \* = FIELD VERIFY
- \*\* = BASED ON LOCAL TANGENT AT ALIGNMENT INTERSECTION

**ALIGNMENT CONTROLS 48" RELOCATED SANITARY SEWER**

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	1+00.00	1132481.02	2442192.10	BEGINNING CONTROL POINT
* R280	STA / OFFSET C UPRR MI STA 47847+30.75 93.40' RT			C 9' MANHOLE
* WP-1A	1+10.00	1132486.55	2442200.57	C W.P. OF 30° ELBOW
WP-2	3+14.76	1132356.12	2442366.80	C W.P. OF 22° 30' ELBOW
WP-3	3+31.82	1132341.64	2442375.83	C W.P. OF 22° 30' ELBOW
* R281	3+61.69	1132312.17	2442380.73	C W.P. SPECIAL STRUCTURE
WP-4	3+75.00	1132299.04	2442382.91	ENDING CONTROL POINT



FILE NAME =	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
D609L0179B-PP-US4-RELOC-SEWER-6TH-PRINCETON.dgn		DRAWN - CLG	REVISED -
PLAN1		CHECKED - JWM/GCN	REVISED -
		DATE - 06/26/2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
PLAN AND PROFILE - RELOCATED 48" DIAMETER SANITARY SEWER  
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

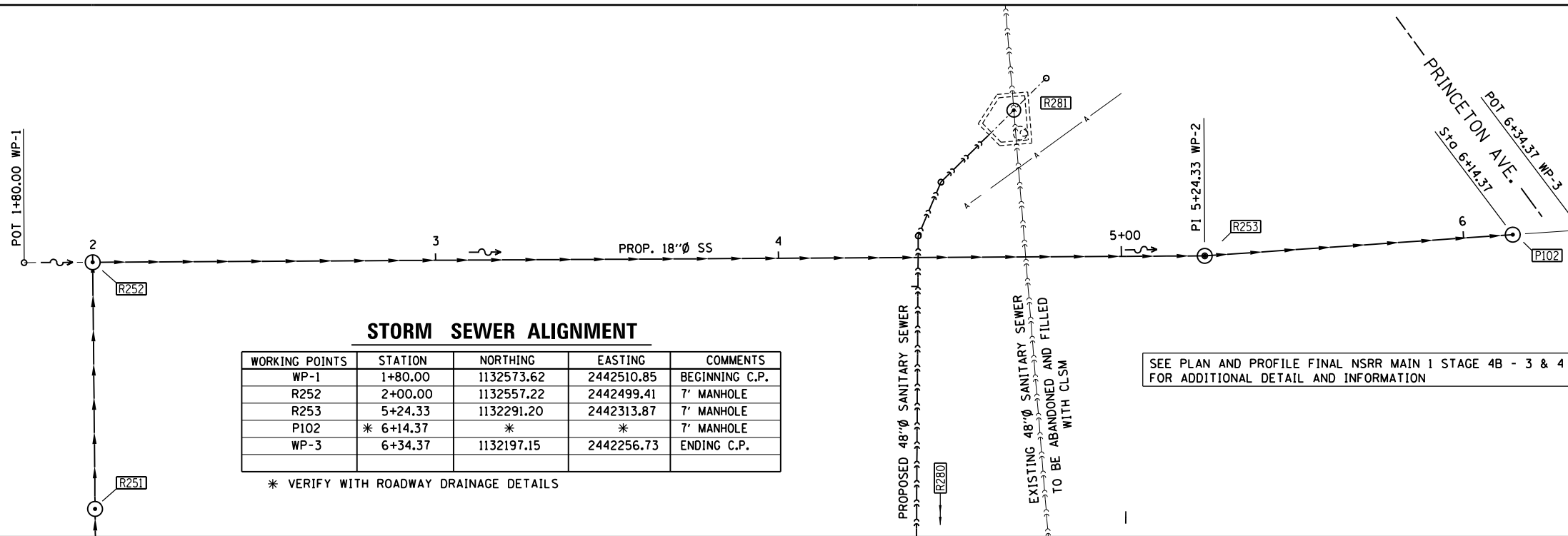
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	96
	09L0179B		CONTRACT NO.	93733
	*666 & 666 ALT.	ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
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	FILE NAME		
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PROFILE	SURVEYED	BY	DATE
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	NOTATION		
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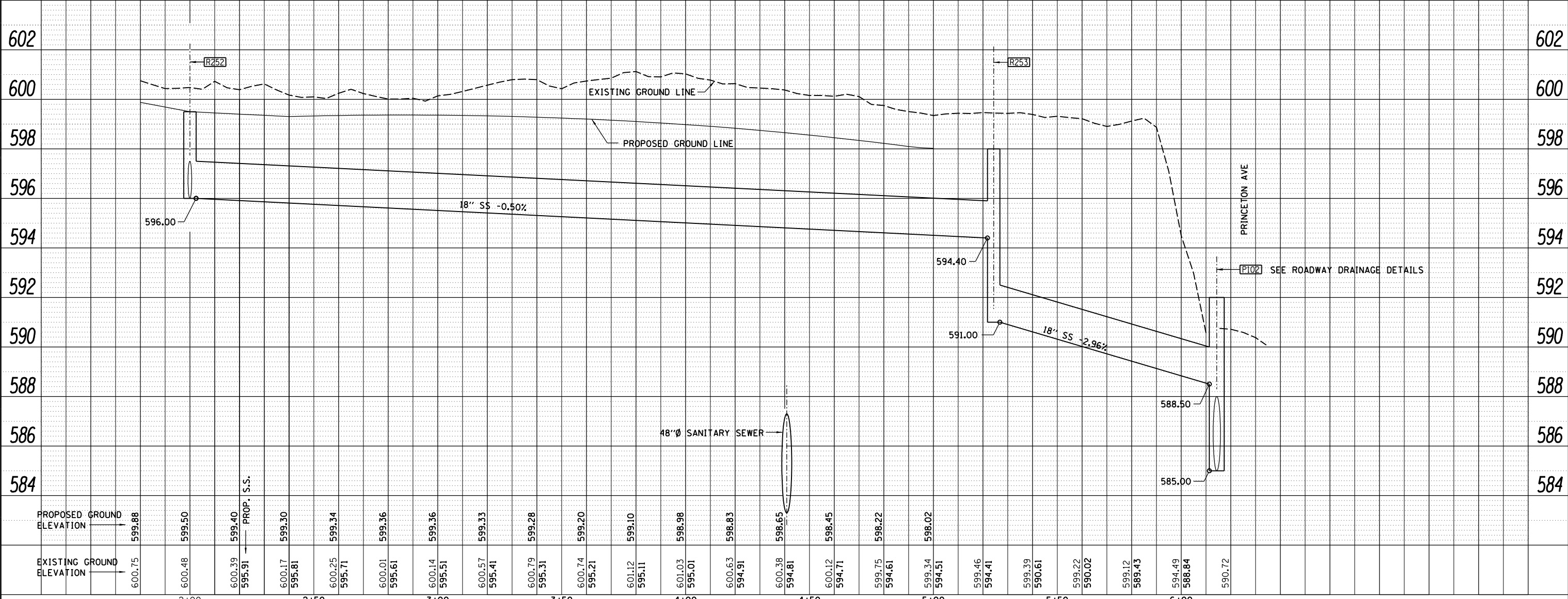
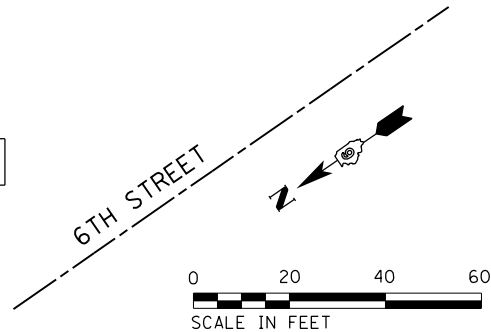


**STORM SEWER ALIGNMENT**

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	1+80.00	1132573.62	2442510.85	BEGINNING C.P.
R252	2+00.00	1132557.22	2442499.41	7' MANHOLE
R253	5+24.33	1132291.20	2442313.87	7' MANHOLE
P102	* 6+14.37	*	*	7' MANHOLE
WP-3	6+34.37	1132197.15	2442256.73	ENDING C.P.

\* VERIFY WITH ROADWAY DRAINAGE DETAILS

SEE PLAN AND PROFILE FINAL NSRR MAIN 1 STAGE 4B - 3 & 4 FOR ADDITIONAL DETAIL AND INFORMATION



FILE NAME =	USER NAME = Pop00275	DESIGNED - JWM	REVISED -
D609L0179B-shr-prf-SSUS4-01.dgn		DRAWN - CLG	REVISED -
PRF1		CHECKED - JWM/MNM	REVISED -
		DATE - 06/26/2019	REVISED -

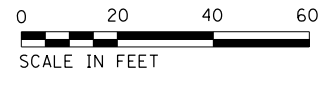
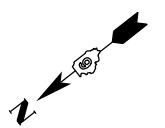
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
PLAN AND PROFILE - STORM SEWER R252 TO P102

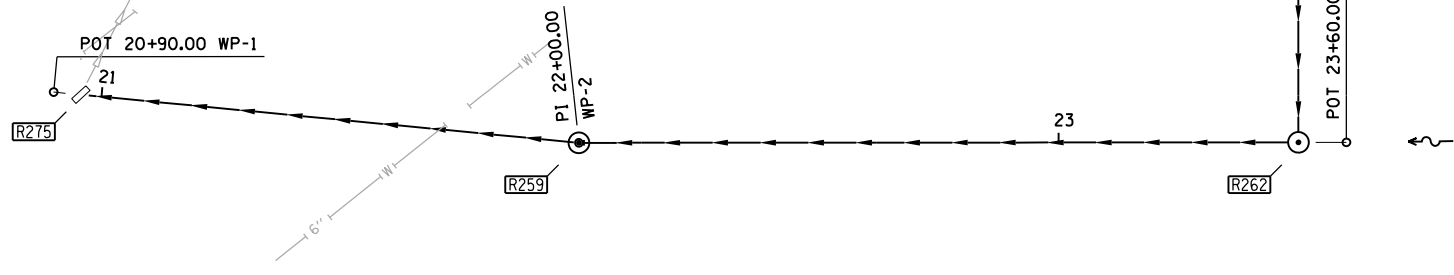
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	97
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

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





5TH STREET

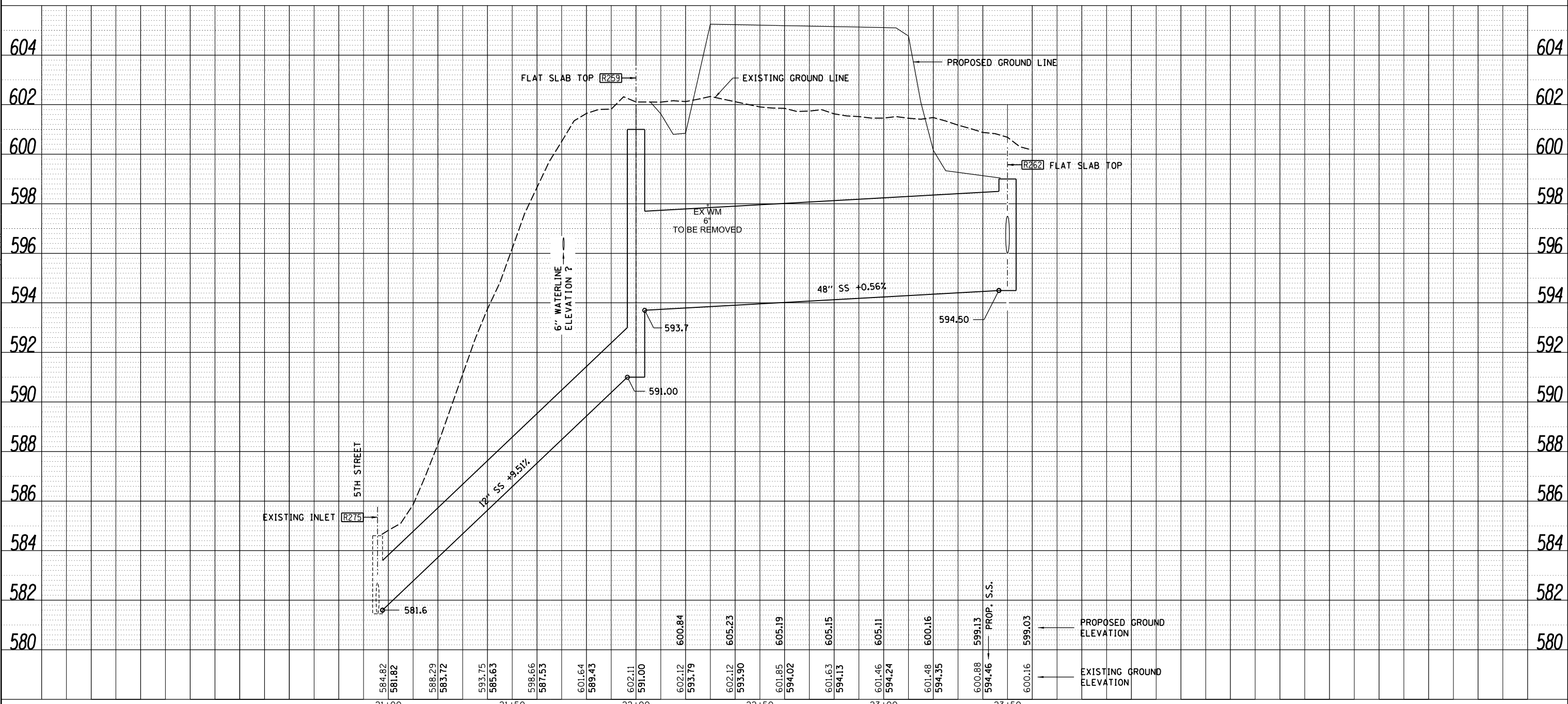


**STORM SEWER ALIGNMENT**

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	20+90.00	1131851.70	2441784.27	BEGINNING C.P.
R275	* 20+95.68	*	*	EXIST. INLET
R259	22+00.00	1131772.80	2441707.63	7' MANHOLE
R274	23+50.00	1131655.60	2441614.01	7' MANHOLE
WP-3	23+60.00	1131647.78	2441607.77	ENDING C.P.

\* FIELD VERIFY

SEE PLAN AND PROFILE FINAL NSRR MAIN 1 STAGE 4B -5 & 6 FOR ADDITIONAL DETAIL AND INFORMATION



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	PLOTTED
	ALIGNMENT CHECKED
	ASD FILE NAME
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PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHKD
	NO.

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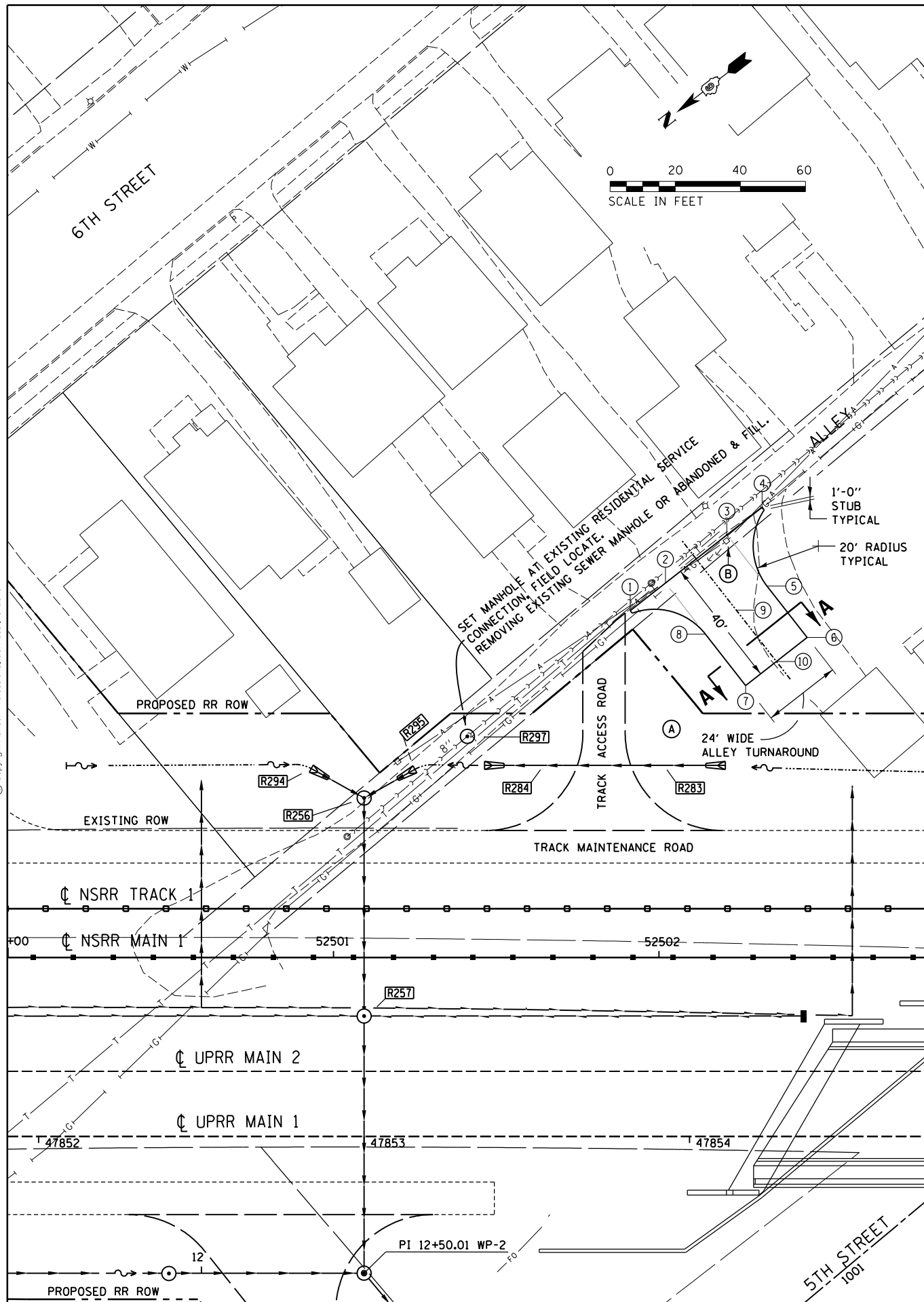
FILE NAME = D609L0179B-sh1-prf-SSUS4-01.dgn	USER NAME = Pop00275	DESIGNED - JWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - STORM SEWER R262 TO R275</b>	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PRF3	PLOT SCALE = 40.0000' / in.	DRAWN - CLG	REVISED -			•	(109) VB,(110) VB-5	SANGAMON	382	99	
	PLOT DATE = 6/26/2019	CHECKED - JWM/MNM	REVISED -				09L0179B				
		DATE - 06/26/2019	REVISED -					CONTRACT NO.			93733

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

\*666 & 666 ALT. ILLINOIS FED. AID PROJECT



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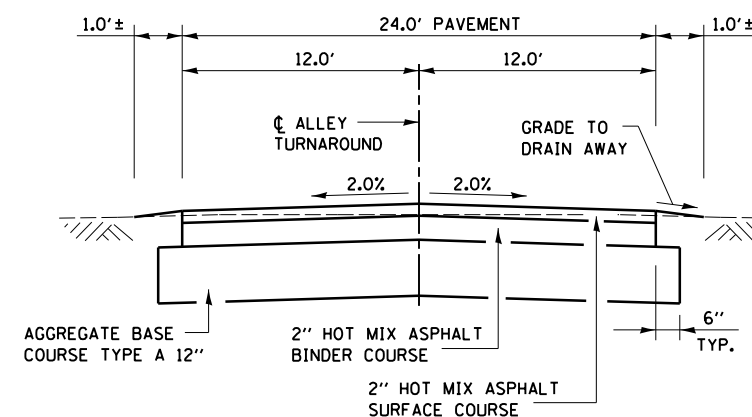
**NOTES**

- (A) SEE PLAN & PROFILE FINAL NSRR MAIN 1 STAGE 4B AND TRACK ROW & FENCING / ACCESS PLAN FOR ADDITIONAL CONSTRUCTION ITEMS AND CALLOUTS.
- (B) UTILITY RELOCATION REQUIRED

POINT #	NORTHING	EASTING	ELEVATION
1	1131817.53	2442001.34	*
2	1131803.77	2442001.20	*
3	1131779.77	2442000.98	*
4	1131766.02	2442000.82	*
5	1131779.98	2441980.96	599.76
6	1131780.18	2441960.96	599.76
7	1131804.18	2441961.20	599.76
8	1131803.29	2441976.90	599.76
9	1131791.97	2441981.08	600.00
10	1131792.18	2441961.08	600.00

\* MATCH ADJACENT EXISTING ELEVATION

ALLEY TURNAROUND - HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USE	SURFACE 2"	BINDER 2"
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4% @ N=50	4% @ N=50
MIX. COMPOSITION	IL-9.5	IL-19.0
(MIX. GRADATION)	MIX. D	NA
FRICTION AGGREGATE		
RAP	10% MAX	10% MAX



**SECTION A-A ALLEY TURNAROUND**

FINAL

FILE NAME = D609L0179B-US4-ALLEY01.dgn	USER NAME = Pop00275	DESIGNED - MNM	REVISED -
PLANI	PLOT SCALE = 40.0000' / in.	DRAWN - CLG	REVISED -
	PLOT DATE = 6/26/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 06/26/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT  
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS  
ALLEY TURNAROUND PLAN & DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	100
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT.		ILLINOIS FED. AID PROJECT		