

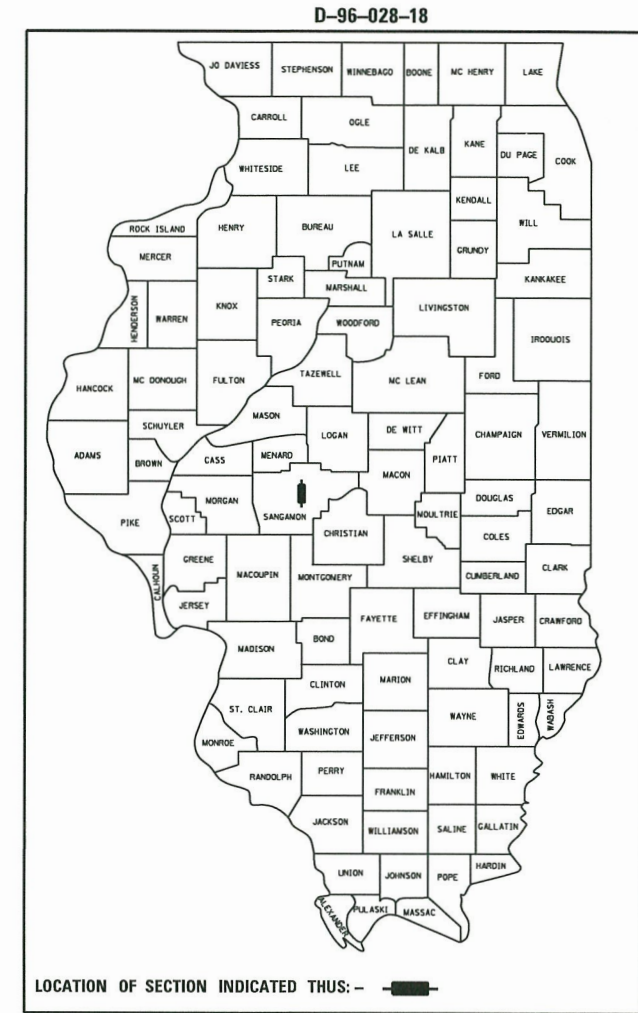
F.A.P. RTE. 666 666 ALT.	SECTION (109) VB, (110) VB-5	COUNTY SANGAMON	TOTAL SHEETS 382	SHEET NO. 1
ILLINOIS		CONTRACT NO. 93733		

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



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 = 15,600
2039 DHV = 2,565
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

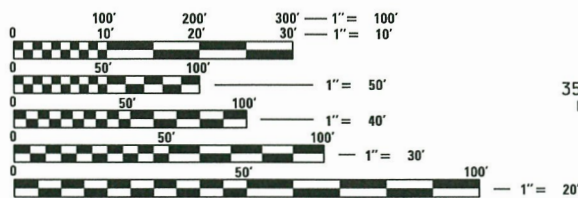
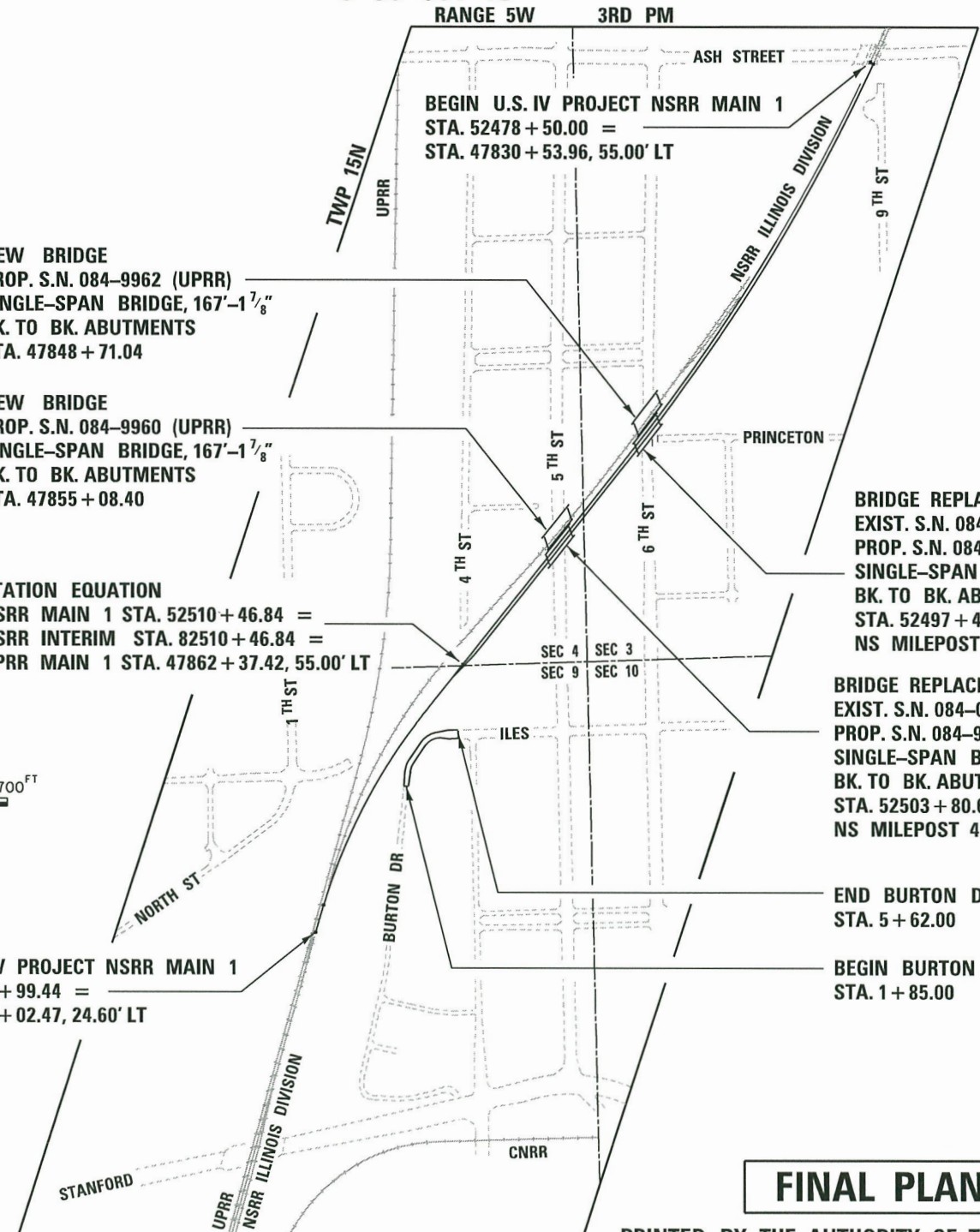
BRIDGE REPLACEMENT
EXIST. S.N. 084-9901
PROP. S.N. 084-9963 (NSRR)
SINGLE-SPAN BRIDGE, 160'-10 7/8"
BK. TO BK. ABUTMENTS
STA. 52497 + 49.01
NS MILEPOST 416.75

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



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 *April 2 20 19*
John B...
CITY ENGINEER

APPROVED *4-22 20 19*
Chris I...
DISTRICT LOCAL ROADS AND STREETS ENGINEER

APPROVED *4-22 20 19*
Jeffery H. South...
REGION FOUR ENGINEER





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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
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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

FINAL

FILE NAME = D609L0179B-sht-cover-USIV-01.dgn	USER NAME = Pop00275	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS INDEX AND STANDARDS	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 = 4/10/2019	DATE - 03/15/2019	REVISED -	SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	*666 & 666 ALT.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 93733



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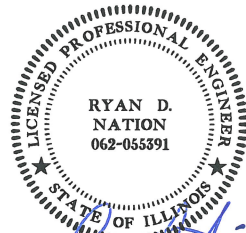


SIGNATURE: Michael Mendenhall

DATE SIGNED: 04-10-2019

LISC. EXP. DATE: 11-30-2019

DRAWINGS: 1-20, 32-33, 40-47,
96-100, 102-105, 109-111, 142-152



SIGNATURE: Ryan D. Nation

DATE SIGNED: 4-10-2019

LISC. EXP. DATE: 11-30-2019

DRAWINGS: _____ 154-158

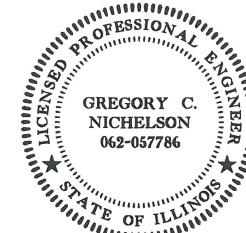


SIGNATURE: Christopher Kohlrus

DATE SIGNED: 4/11/19

LISC. EXP. DATE: 11-30-2019

DRAWINGS: 21-28, 34-39, 59-61,
73-76, 101, 106-108, 112-117, 129, 153,
312-322



SIGNATURE: Gregory C. Nicholson

DATE SIGNED: 4-9-2019

LISC. EXP. DATE: 11-30-2019

DRAWINGS: 29-31, 48-58, 62-72,
77-95, 118-128, 130-141, 159, 323-382

FINAL

FILE NAME = D689L0179B-sht-cover-USIV-01.dgn	USER NAME = Pop00275	DESIGNED - JWM	REVISED -
	PLOT SCALE = 2.0000' / 1in.	DRAWN - CLG	REVISED -
Seal Sheet	PLOT DATE = 4/4/2019	CHECKED - JWM/MNM	REVISED -
		DATE - 03/15/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SEAL SHEET**

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	3
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

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/ 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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FILE NAME = D609L0179B-shr-gennote-USIV-01.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS GENERAL NOTES AND UTILITY INFORMATION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
GEN NOTES	PLOT SCALE = 2.0000' / in.	CHECKED - JWM/GCN	REVISED -			*	(109) VB,(110) VB-5	SANGAMON	382	4	
	PLOT DATE = 4/10/2019	DATE - 03/15/2019	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
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	
25000110	SEEDING, CLASS 1A	ACRE	9.75							0.50	9.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	882							45	837
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	882							45	837
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	882							45	837
25000700	AGRICULTURAL GROUND LIMESTONE	TON	19.6							1.0	18.6
25100115	MULCH, METHOD 2	ACRE	4.50							0.50	4.00
25100125	MULCH, METHOD 3	ACRE	2.75							0	2.75
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	11479							0	11479

* PAY ITEM REQUIRES A SPECIAL PROVISION

FILE NAME = D689L0179B-sh-t-S00-US1V-001.dgn	USER NAME = Pep00275	DESIGNED - GCN	REVISED -
		DRAWN - RSJ	REVISED -
		CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

SCALE: SHEET 1 OF 16 SHEETS STA. TO STA.

FINAL

Sheet 1



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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							0	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							0	702

* PAY ITEM REQUIRES A SPECIAL PROVISION

FILE NAME = D689L0179B-shl-500-USIV-001.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
		DRAWN - RSJ	REVISED -
	PLT SCALE = 0.1667' / 1" =	CHECKED - JWM/GCN	REVISED -
Sheet 2	PLT DATE = 4/18/2019	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	6
	09L0179B		CONTRACT NO. 93733	
P666 & 666 ALT.		ILLINOIS FED. AID PROJECT		

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

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					0	
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1				1			0	
50102400	CONCRETE REMOVAL	CU YD	5.7							5.7	
50105220	PIPE CULVERT REMOVAL	FOOT	30							30	

*

CONSTRUCTION CODE: 0040

FILE NAME = D689L0179B-shr-500-US1V-001.dgn Sheet 3	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 3	F.A.P. RTE.	SECTION (109) VB,(110) VB-5	COUNTY SANGAMON	TOTAL SHEETS 382	SHEET NO. 7
	PLOT SCALE = 0.1867' / 1"	CHECKED - JWM/GCN	REVISED -			09L0179B	CONTRACT NO. 93733			
	PLOT DATE = 4/18/2019	DATE - 03/15/2019	REVISED -			SCALE:	SHEET 3 OF 16 SHEETS	STA. TO STA.	*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	0	
50500505	STUD SHEAR CONNECTORS	EACH	1138					739	399	0	
50800105	REINFORCEMENT BARS	POUND	865030	224830	196960	236450	206790			0	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	242310	43670	37830	44350	44530	40110	28560	3260	
51100100	SLOPE WALL 4 INCH	SQ YD	601					300	301	0	
51500100	NAME PLATES	EACH	4	1	1	1	1			0	
51603000	DRILLED SHAFT IN SOIL	CU YD	1073.6	276.0	245.3	295.5	256.8			0	
51604000	DRILLED SHAFT IN ROCK	CU YD	690.0	182.2	157.0	188.4	162.4			0	
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	0	

* PAY ITEM REQUIRES A SPECIAL PROVISION

FINAL Sheet 4	FILE NAME =	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 4	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	D609L0179B-shr-S00-USIV-001.dgn		DRAWN - RSJ	REVISED -			*	(109) VB,(110) VB-5	SANGAMON	382	8	
		PLDT SCALE = 0.1667' / in.	CHECKED - JWM/GCN	REVISED -				09L0179B				
		PLDT DATE = 4/18/2019	DATE - 03/15/2019	REVISED -			SCALE:	SHEET 4 OF 16 SHEETS	STA. TO STA.	#666 & 666 ALT.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 93733



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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	0.0	
• 52200205	DRILLING AND SETTING SOLDIER PILES (IN ROCK)	CU FT	34367.8					17041.0	17326.8	0.0	
• 52200250	UNTREATED TIMBER LAGGING	SO FT	5968					3951	2017	0	
• 52200265	SECANT LAGGING	CU FT	11739	5292	2283	0	0	2219	1945	0	
• 52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	524.8					268.3	217.7	38.8	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	10							0	10
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	358							138	220
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							0	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							0	15
• 55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	110							0	110

* PAY ITEM REQUIRES A SPECIAL PROVISION

FINAL Sheet 5	FILE NAME = 0609L0179B-ht-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 - 5	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLT SCALE = 0.1667' / in.	DRAWN - RSJ	CHECKED - JWM/GCN	REVISED -			•	(109) VB,(110) VB-5	SANGAMON	382	9
	PLT DATE = 4/18/2019	DATE - 03/15/2019	REVISED -				09L0179B	CONTRACT NO. 93733			
							SCALE:	SHEET 5 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
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	716	183	163	188	182			0	
58700300	CONCRETE SEALER	SQ FT	16737	1790	1620	1807	1515	6046	3959	0	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	683	52	44	54	52	300	160	21	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	71							71	0
60100915	PIPE DRAINS 6"	FOOT	284								284
60108210	PIPE UNDERDRAINS, TYPE 2, 10"	FOOT	2859							0	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							0	3
60221700	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 8 GRATE	EACH	2							0	2
60224448	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 8 GRATE	EACH	5							0	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	0
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	10							0	10

* PAY ITEM REQUIRES A SPECIAL PROVISION

FILE NAME = D689L0179B-sht-500-USIV-001.dgn Sheet 6	USER NAME = Pop00275 DESIGNED - GCN DRAWN - RSJ CHECKED - JWM/GCN PLOT DATE = 4/10/2019	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 6	F.A.P. RT. = (109) VB,(110) VB-5 09L0179B	SECTION SANGAMON CONTRACT NO. 93733	COUNTY SANGAMON	TOTAL SHEETS 382	SHEET NO. 10
	SCALE: SHEET 6 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
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1							1	
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2							0	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	0	
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							0	5145
• △ 66501600	WOVEN WIRE GATES, 4' X 16' DOUBLE	EACH	2							0	2
• △ 66502000	WOVEN WIRE GATES, 4' X 24' DOUBLE	EACH	1							0	1

* PAY ITEM REQUIRES A SPECIAL PROVISION △ SPECIALTY ITEMS

FILE NAME = D609L0179B-sht-S00-USIV-001.dgn
Sheet 7

USER NAME = Pcp00275
PLOT SCALE = 0.1667 "/ in.
PLOT DATE = 4/12/2019

DESIGNED - GCN
DRAWN - RSJ
CHECKED - JWM/GCN
DATE - 03/15/2019

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET 7 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	11
	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
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	
72000100	SIGN PANEL - TYPE 1	SQ FT	63							49	14
72000200	SIGN PANEL - TYPE 2	SQ FT	10							10	
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2							2	
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	7							7	
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	2							2	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	108							108	
78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	3923							3923	
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	16							16	

* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEMS

FILE NAME = D629L01798-shit-500-USIV-001.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
		DRAWN - RSJ	REVISED -
	PLOT SCALE = 0.1667" / in.	CHECKED - JWM/GCN	REVISED -
Sheet 8	PLOT DATE = 4/18/2019	DATE - 03/15/2019	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.
.	(109) VB,(110) VB-5	SANGAMON	382	12
	09L0179B		CONTRACT NO. 93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

FINAL

SCALE: SHEET 8 OF 16 SHEETS STA. TO STA.



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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
△ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	132							132	
△ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2							0	2
△ 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	104							0	104
△ 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	644							0	644
△ 81200200	CONDUIT EMBEDDED IN STRUCTURE, 3/4" DIA., PVC	FOOT	201								201
△ 81200210	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA., PVC	FOOT	375								375
△ 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	6								6
△ 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	4								4
△ 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1354							0	1354
△ 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	2							0	2
▪ X0320000	DRAINAGE SYSTEM, NO. 1	EACH	1	1						0	
▪ X0320002	DRAINAGE SYSTEM, NO. 2	EACH	1		1					0	
▪ X0320008	DRAINAGE SYSTEM, NO. 3	EACH	1			1				0	
▪ X0320009	DRAINAGE SYSTEM, NO. 4	EACH	1				1			0	

* PAY ITEM REQUIRES A SPECIAL PROVISION △ SPECIALTY ITEMS

FILE NAME = 0609L0179B-shr-S00-USIV-001.dgn
Sheet 9

USER NAME = Pop00275
PLOT SCALE = 0.1667' / in.
PLOT DATE = 4/18/2019

DESIGNED - GCN
DRAWN - RSJ
CHECKED - JWM/GCN
DATE - 03/15/2019

REVISED -
REVISED -
REVISED -
REVISED -

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	0	2703	0			0	
• X0322924	RETAINING WALL REMOVAL	SQ FT	406							12	394
• X0323099	RETAINING WALL REMOVAL	CU YD	13.2							0	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	0	
• X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	288							288	
• X1200075	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	4							0	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			0	
• X6012108	PIPE DRAINS 18" (SPECIAL)	FOOT	585							0	585
• X6020084	MANHOLE, SPECIAL	EACH	1								1
• X6020101	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID (SPECIAL)	EACH	1							0	1

* PAY ITEM REQUIRES A SPECIAL PROVISION △ SPECIALTY ITEMS

FINAL Sheet 10	FILE NAME = 060%0179B-shr-500-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 - 10	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	14	
	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -	09L0179B			CONTRACT NO. 93733				
							SCALE: SHEET 10 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
• X6024240	INLETS, SPECIAL	EACH	1							0	1
• X6640300	CHAIN LINK FENCE REMOVAL	FOOT	750							750	
• X6640308	CHAIN LINK GATES, (SPECIAL)	EACH	2							0	2
• X6640570	CHAIN LINK FENCE, 8' (SPECIAL)	FOOT	245							0	245
• X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1							1	
• X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	1555							1555	
• X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	24							0	24
• XX008948	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 1	L SUM	1	1						0	
• XX008949	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 2	L SUM	1		1					0	
• XX008952	LUMINAIRE, DECORATIVE ELECTROLUMINESCENT LIGHT TAPE	FOOT	581							0	581
• XX009183	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 3	L SUM	1			1				0	
• XX009184	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 4	L SUM	1				1			0	
• XZ127900	RETAINING WALL REMOVAL	FOOT	3							3	
• Z0002300	BALLAST	CU YD	201								201

* PAY ITEM REQUIRES A SPECIAL PROVISION △ SPECIALTY ITEMS

FINAL Sheet 11	FILE NAME = D60%L0179B-sh-t-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 - 11	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.1667 "/ in.	CHECKED - JWM/GCN	REVISED -	•			(109) VB,(110) VB-5	SANGAMON	382	15	
	PLOT DATE = 4/18/2019	DATE - 03/15/2019	REVISED -				09L0179B				
				SCALE:			SHEET 11 OF 16 SHEETS	STA. TO STA.	666 & 666 ALT. ILLINOIS FED. AID PROJECT		CONTRACT NO. 93733



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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	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
• Δ	Z0007614 BUILDING REMOVAL NO. 14	L SUM	1								1

* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEMS

FILE NAME = 0609L0179B-shr-500-USIV-001.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
		DRAWN - RSJ	REVISED -
	PLDT SCALE = 0.1667" / 1"	CHECKED - JWM/GCN	REVISED -
Sheet 12	PLDT DATE = 4/18/2019	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES - 12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	16
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

FINAL

SCALE: SHEET 12 OF 16 SHEETS STA. TO STA.



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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
• △ Z0007615	BUILDING REMOVAL NO. 15	L SUM	1								1
• △ Z0007616	BUILDING REMOVAL NO. 16	L SUM	1								1
• △ Z0007617	BUILDING REMOVAL NO. 17	L SUM	1								1
• △ Z0007618	BUILDING REMOVAL NO. 18	L SUM	1								1
• △ Z0007619	BUILDING REMOVAL NO. 19	L SUM	1								1
• △ Z0007620	BUILDING REMOVAL NO. 20	L SUM	1								1
• △ Z0007621	BUILDING REMOVAL NO. 21	L SUM	1								1
• △ Z0007622	BUILDING REMOVAL NO. 22	L SUM	1								1
• △ Z0007623	BUILDING REMOVAL NO. 23	L SUM	1							1	
• △ Z0007624	BUILDING REMOVAL NO. 24	L SUM	1								1
• △ Z0007625	BUILDING REMOVAL NO. 25	L SUM	1								1
• △ Z0007626	BUILDING REMOVAL NO. 26	L SUM	1								1
• △ Z0007124	STEEL RAILING (SPECIAL)	FOOT	882					456	426	0	
• △ Z0012455	CONCRETE STEP REMOVAL	EACH	13							13	

* PAY ITEM REQUIRES A SPECIAL PROVISION △ SPECIALTY ITEMS

FILE NAME = D609L0179B-sh-t-500-US1V-001.dgn	USER NAME = Pep00275	DESIGNED - GCN	REVISED -
		DRAWN - RSJ	REVISED -
	PLOT SCALE = 0.1667' / 1" =	CHECKED - JWM/GCN	REVISED -
Sheet 13	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES - 13**

SCALE: SHEET 13 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	17
	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
Z0013798	CONSTRUCTION LAYOUT	L SUM	1							0.5	0.5
Z0016702	DETOUR SIGNING	L SUM	1							1	
Z0022800	FENCE REMOVAL	FOOT	2736							0	2736
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1220					623	597	0	
Z0046306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	713	158	144	175	161			0	75
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1							0	1
Z0049801	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1								1
Z0049802	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 2	L SUM	1								1
Z0049803	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 3	L SUM	1								1
Z0049806	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 6	L SUM	1								1
Z0049808	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 8	L SUM	1								1
Z0049809	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 9	L SUM	1								1
Z0049811	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 11	L SUM	1								1
Z0049813	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 13	L SUM	1								1

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

FILE NAME = D609L0179B-shc-S00-USIV-001.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLOT SCALE = 0.1667' / in.		DRAWN - RSJ	REVISED -
PLOT DATE = 4/10/2019		CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

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				

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
• △	Z0049815	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 15	L SUM	1							1
• △	Z0049816	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 16	L SUM	1							1
• △	Z0049818	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 18	L SUM	1							1
• △	Z0049824	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 24	L SUM	1							1
• △	Z0049826	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 26	L SUM	1							1
• △	Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1							1
• △	Z0049905	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 5	L SUM	1							1
• △	Z0049906	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 6	L SUM	1							1
• △	Z0049908	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 8	L SUM	1							1
• △	Z0049913	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 13	L SUM	1							1
• △	Z0049916	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 16	L SUM	1							1
• △	Z0049918	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 18	L SUM	1							1
• △	Z0049921	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 21	L SUM	1							1
• △	Z0049926	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 26	L SUM	1							1

* PAY ITEM REQUIRES A SPECIAL PROVISION **△ SPECIALTY ITEMS**

FILE NAME = D689L0179B-sh-500-US1V-001.dgn	USER NAME = Pep00275	DESIGNED - GCN	REVISED -
	PLT SCALE = 0.1667' / 1"	DRAWN - RSJ	REVISED -
	PLT DATE = 4/10/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

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				

FINAL

Sheet 15

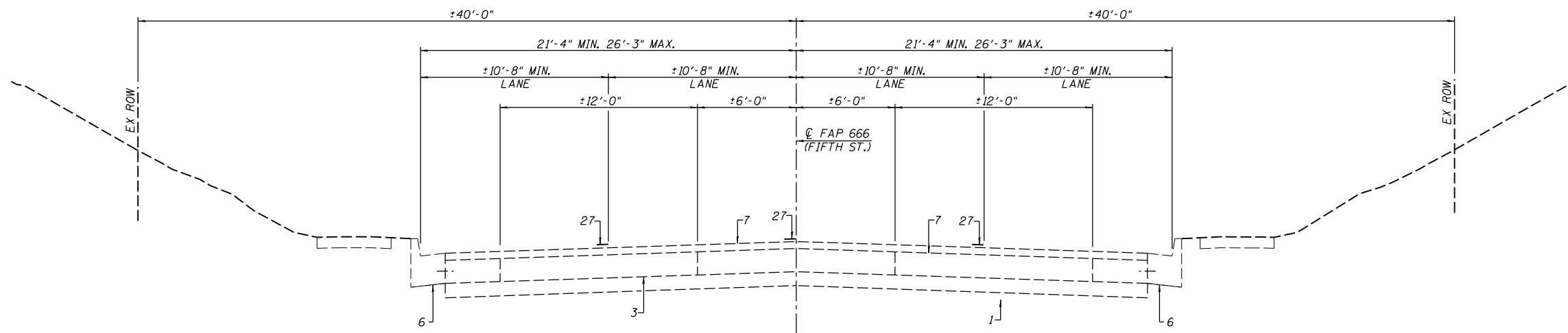


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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	5TH UPRR BRIDGE	5TH NSRR BRIDGE	6TH UPRR BRIDGE	6TH NSRR BRIDGE	5TH ST. RETAINING WALLS	6TH ST. RETAINING WALLS	ROAD	RAILROAD
				084-9960	084-9961	084-9962	084-9963	0044	0044	0004	0004
* Z0056648	STORM SEWER, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	23								23
* Δ Z0058000	SANITARY SEWER, SPECIAL	FOOT	67							0	67
* Δ Z0069700	SUB-BALLAST	CU YD	14173							0	14173
* Δ Z0076100	TRACK REMOVAL	FOOT	3910							0	3910
* # Z0076600	TRAINEES	HOUR	5000								
* # Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	5000								
* XX009316	SEWER IN METAL LINER, 48"	FOOT	70							0	70

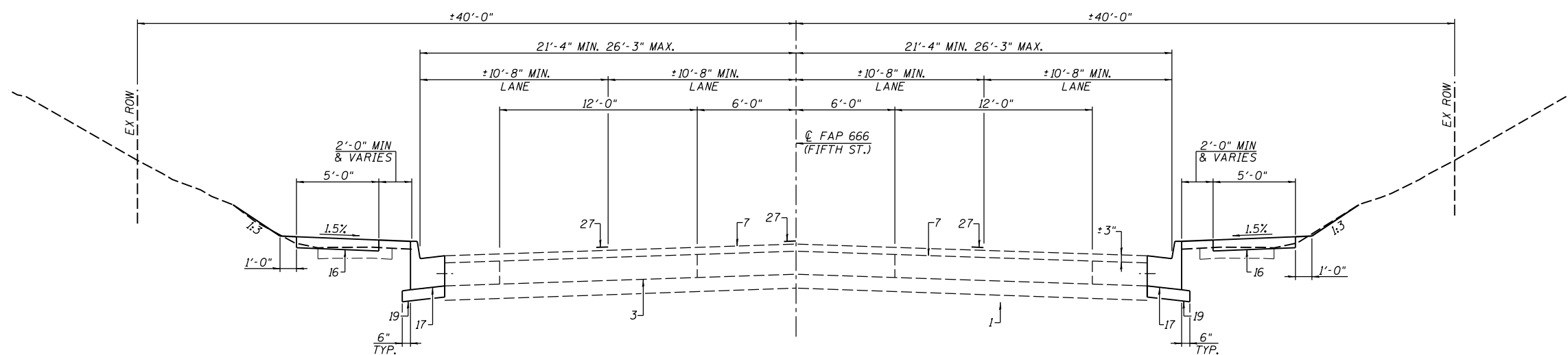
* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEMS #0042

FINAL Sheet 16	FILE NAME =	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 16	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	D609L0179B-sh1-500-USIV-001.dgn	PLOT SCALE = 0.1667' / 1"	DRAWN - RSJ	REVISED -			*	(109) VB.(110) VB-5	SANGAMON	382	20	
		PLOT DATE = 4/18/2019	CHECKED - JWM/GCN	REVISED -				09L0179B				CONTRACT NO. 93733
			DATE - 03/15/2019	REVISED -			SCALE:	SHEET 16 OF 16 SHEETS	STA. TO STA.	666 & 666 ALT. ILLINOIS FED. AID PROJECT		



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, 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



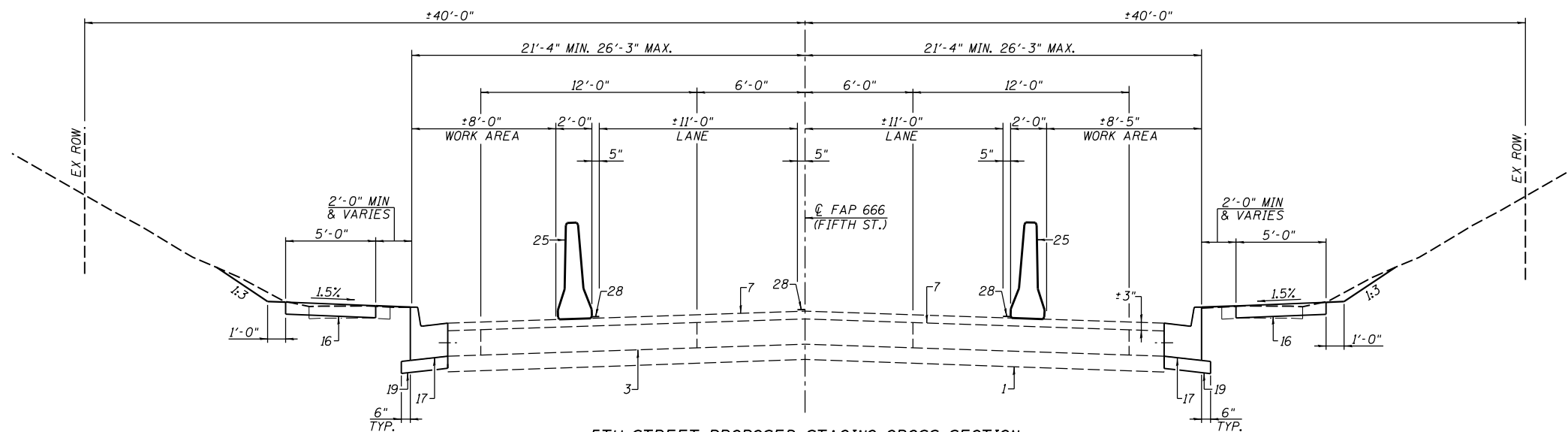
USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 8.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -

**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"
- 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	
REVIEWED	



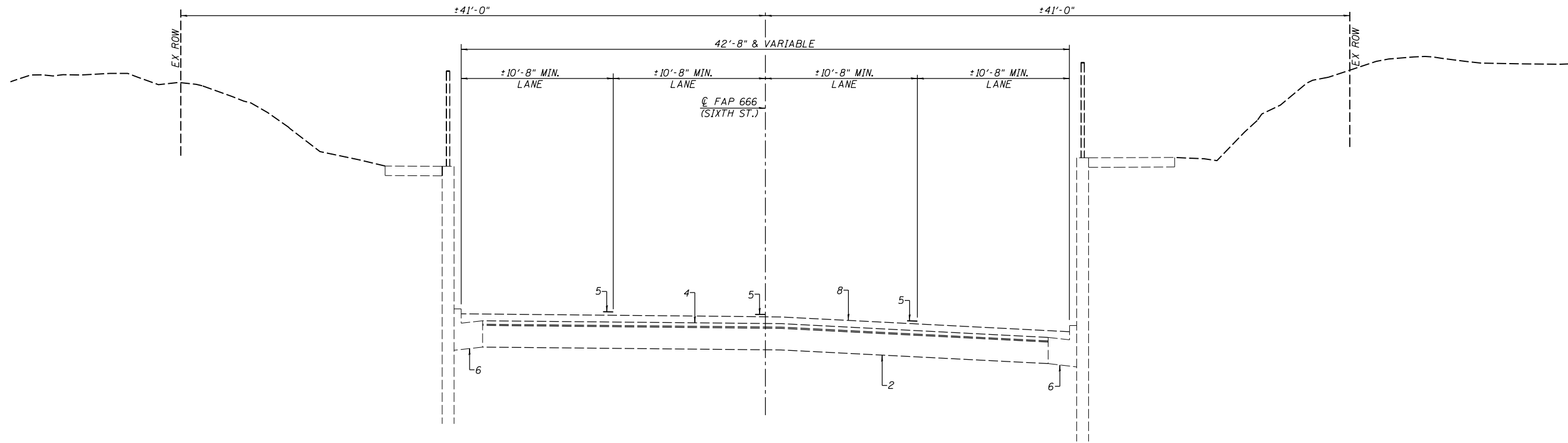
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PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -

**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 (+6 1/2")
- 12 - EXIST HMA SURFACE (+2 1/2")
- 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
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DESIGNED
DRAWN
REVIEWED



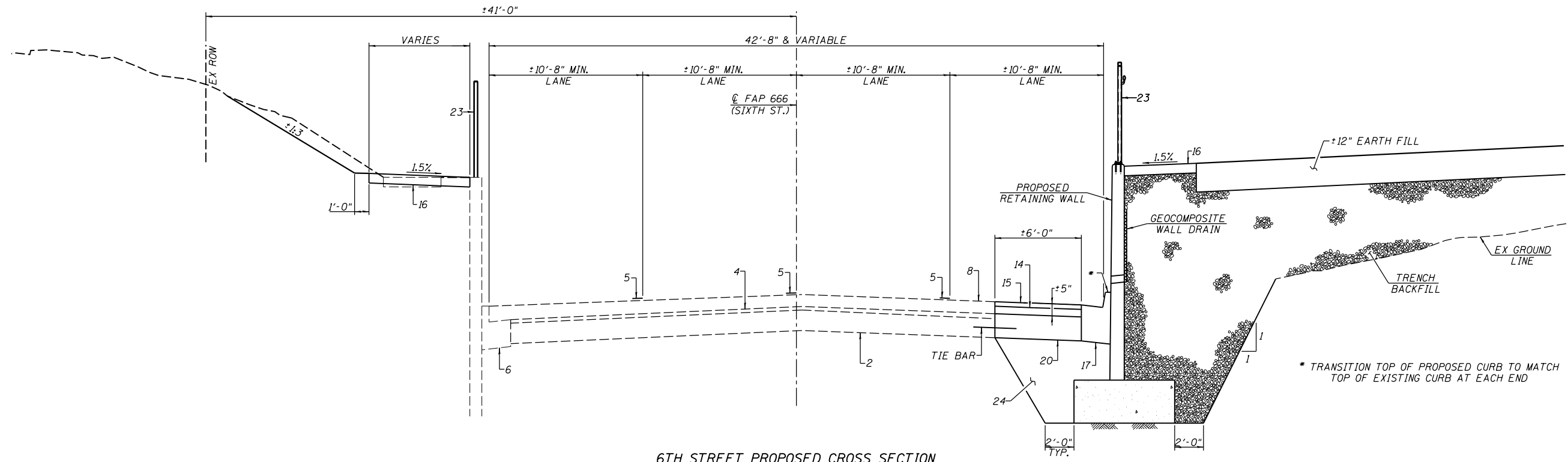
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

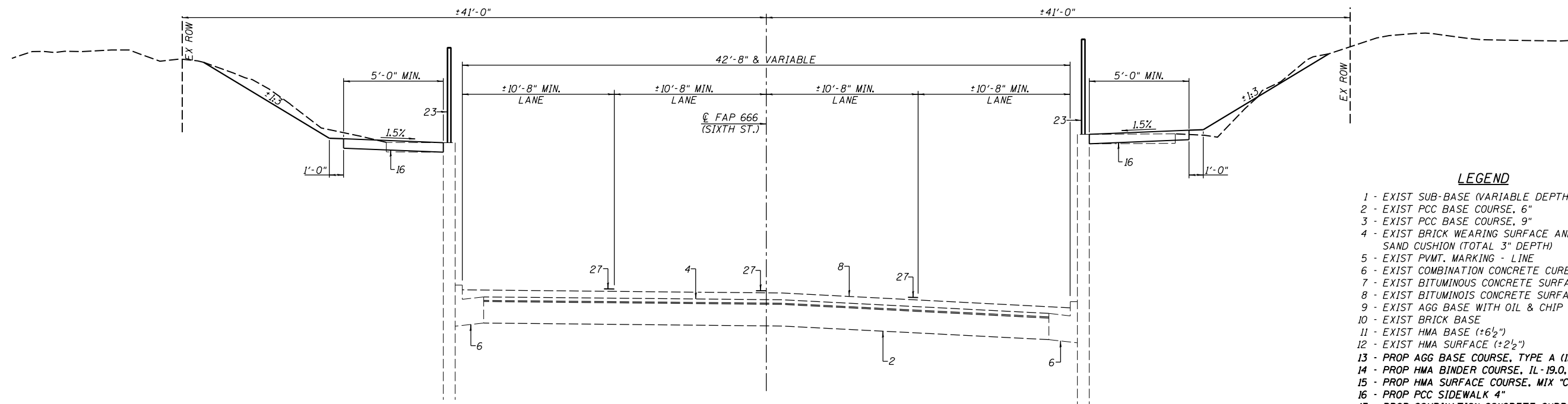
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - 6TH STREET -1

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)
- 5 - EXIST PVMT. MARKING - LINE
- 6 - EXIST COMBINATION CONCRETE CURB & GUTTER
- 7 - EXIST BITUMINOUS CONCRETE SURFACE, 3"
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- 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.)
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DESIGNED
DRAWN
CHECKED



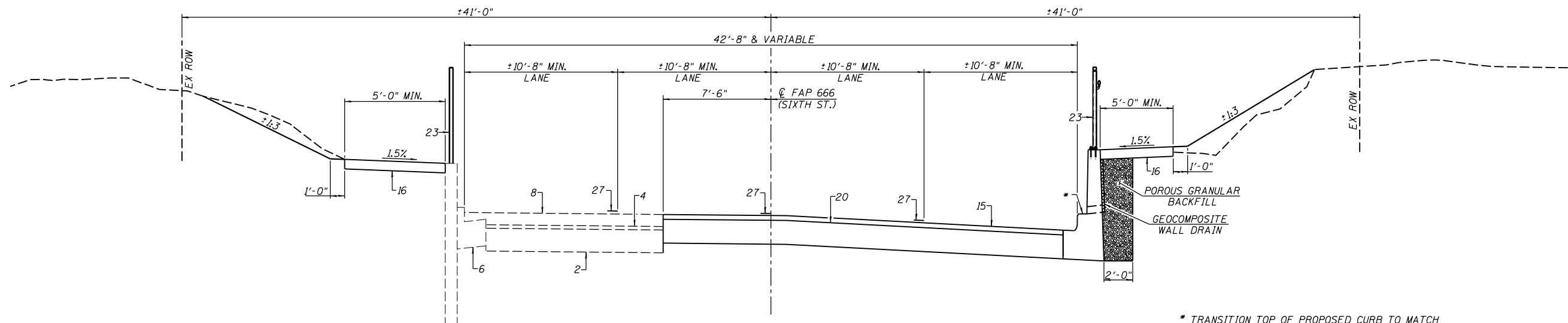
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	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

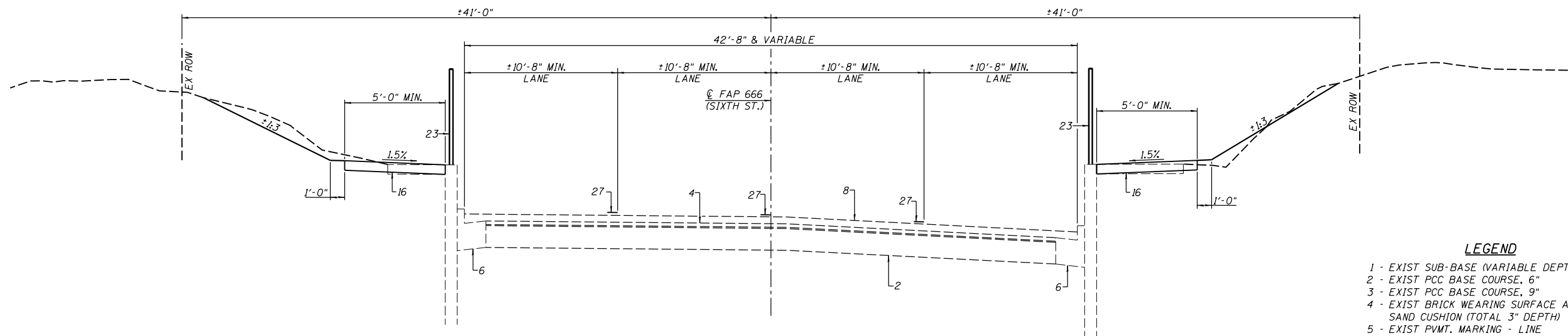
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

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

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
REVISIONS



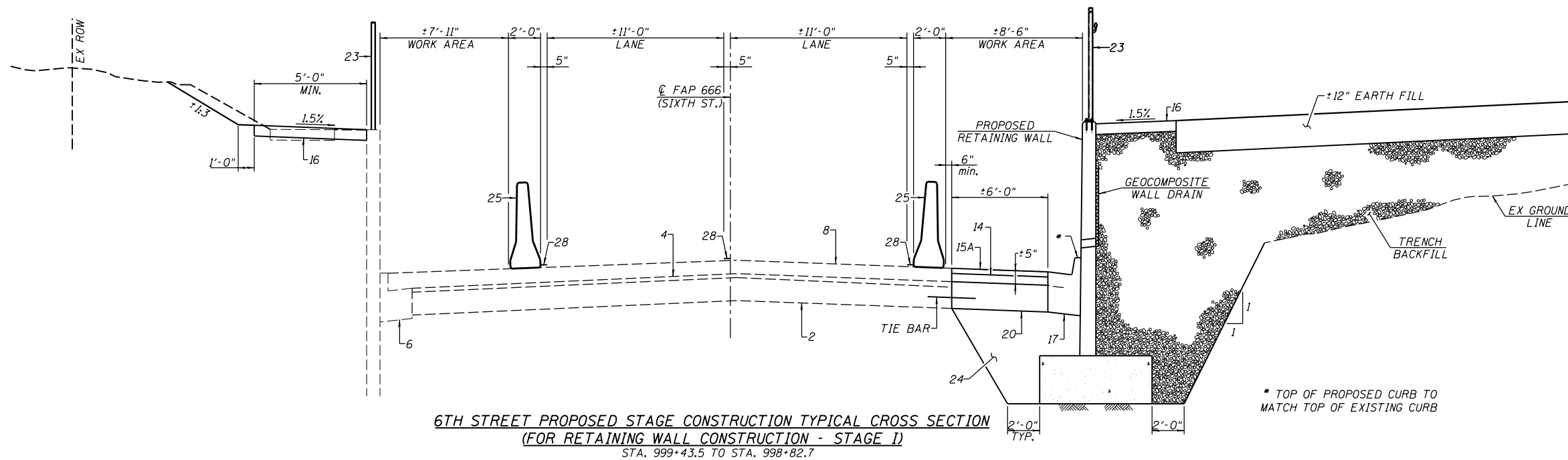
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	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

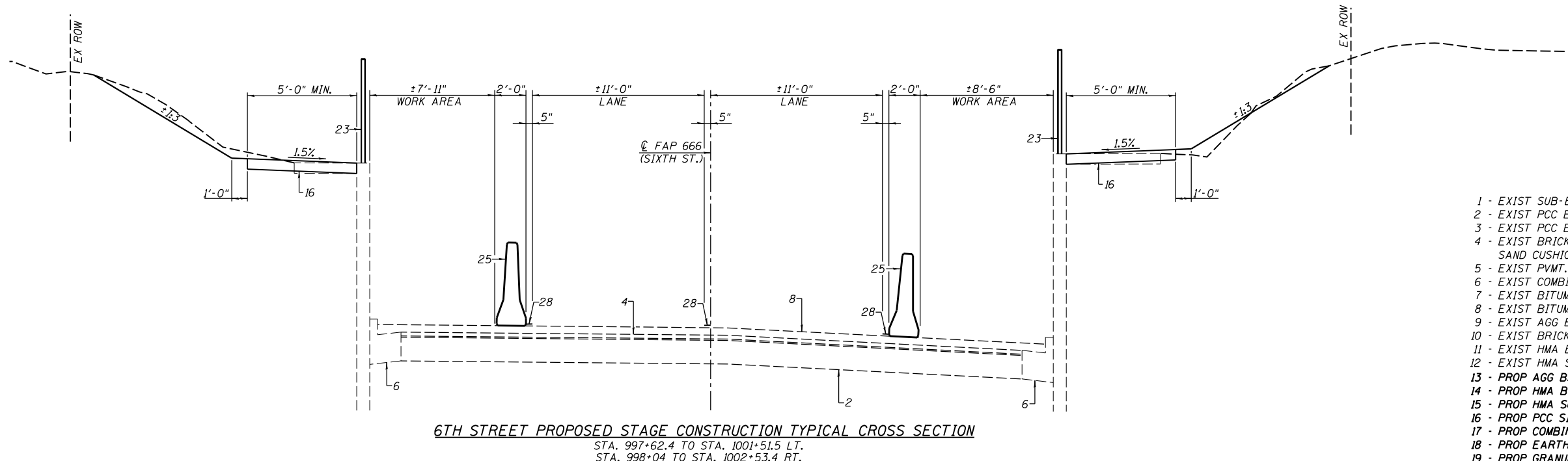
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

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				



6TH STREET PROPOSED STAGE CONSTRUCTION TYPICAL CROSS SECTION
 (FOR RETAINING WALL CONSTRUCTION - STAGE I)
 STA. 999+43.5 TO STA. 998+82.7

* TOP OF PROPOSED CURB TO MATCH TOP OF EXISTING CURB



6TH STREET PROPOSED STAGE CONSTRUCTION TYPICAL CROSS SECTION
 STA. 997+62.4 TO STA. 1001+51.5 LT.
 STA. 998+04 TO STA. 1002+53.4 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"
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DESIGNED
 DRAWN
 REVISIONS



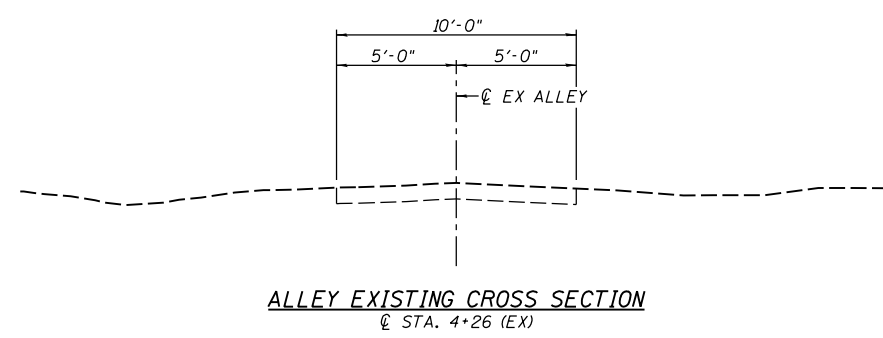
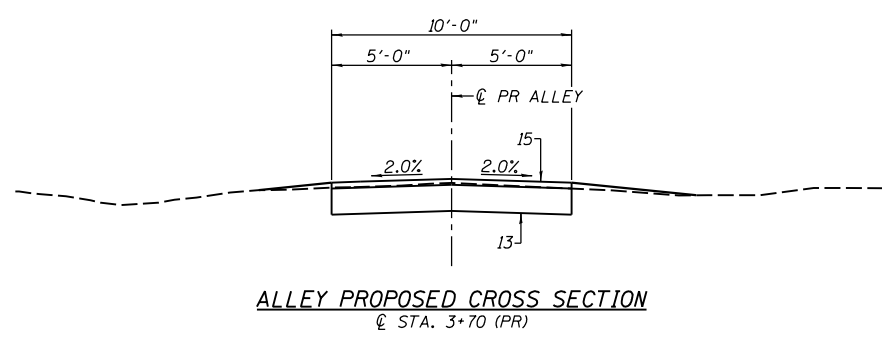
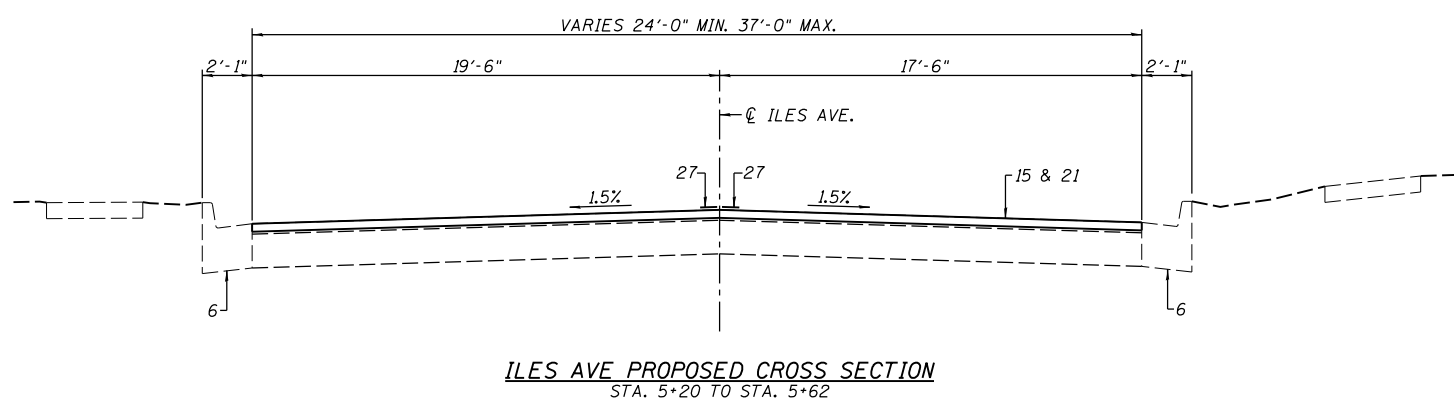
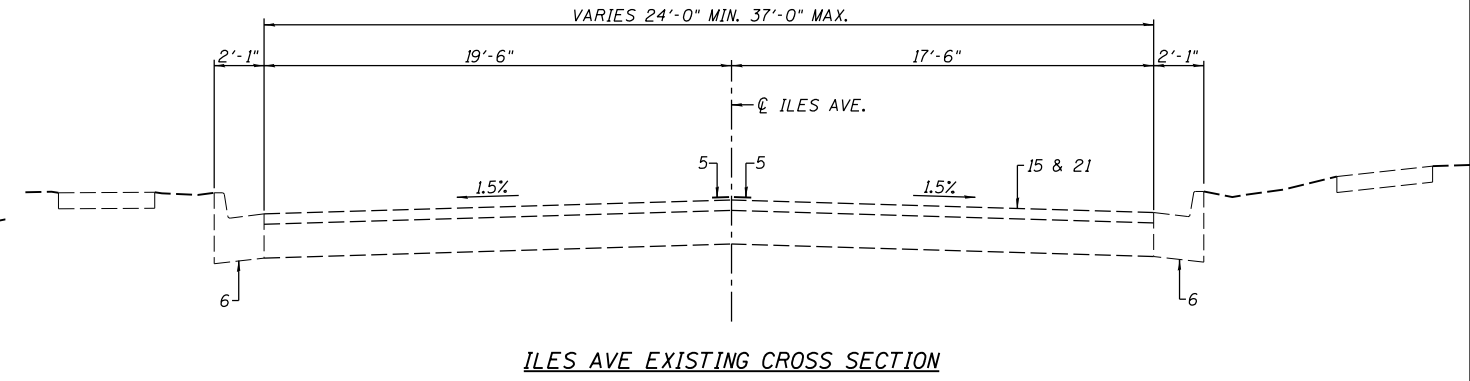
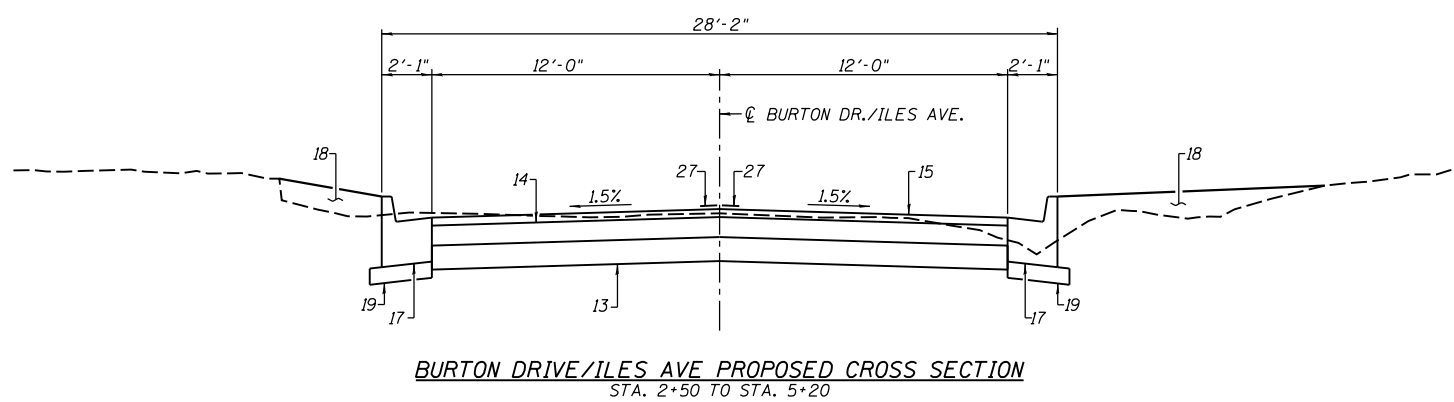
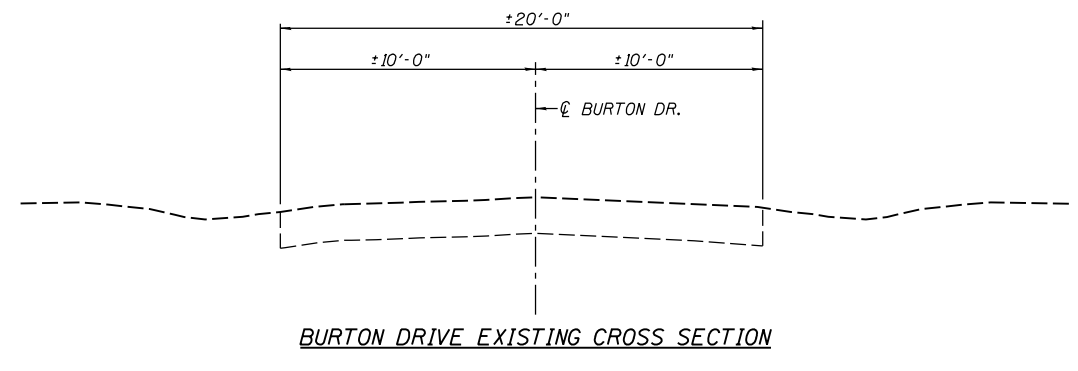
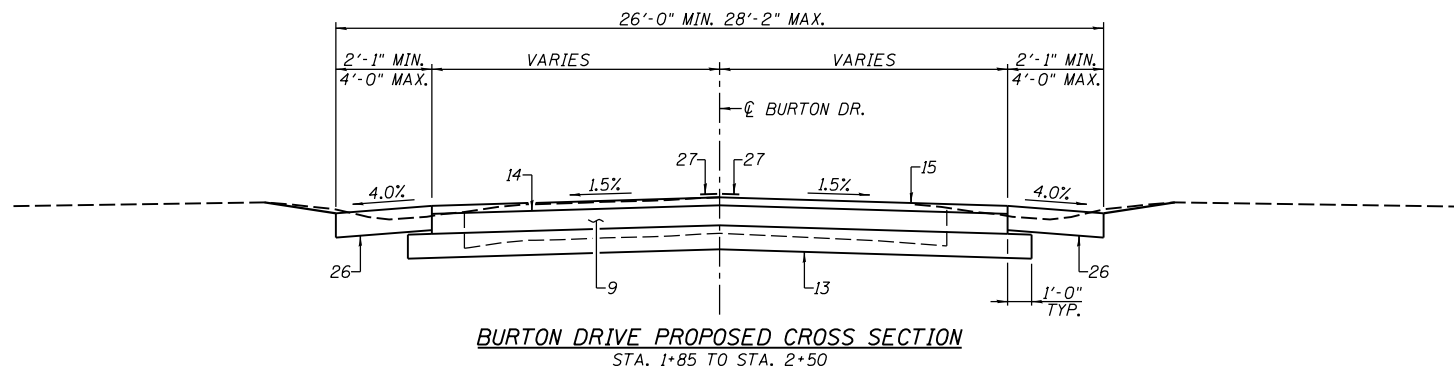
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	DATE - 03/15/2019	REVISED -

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				



- 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
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 - 13 - PROP AGG BASE COURSE, TYPE A (12" MIN.)
 - 14 - PROP HMA BINDER COURSE, IL - 19.0, N50 (3" MIN., 5" MAX.)
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DESIGNED
DRAWN
CHECKED



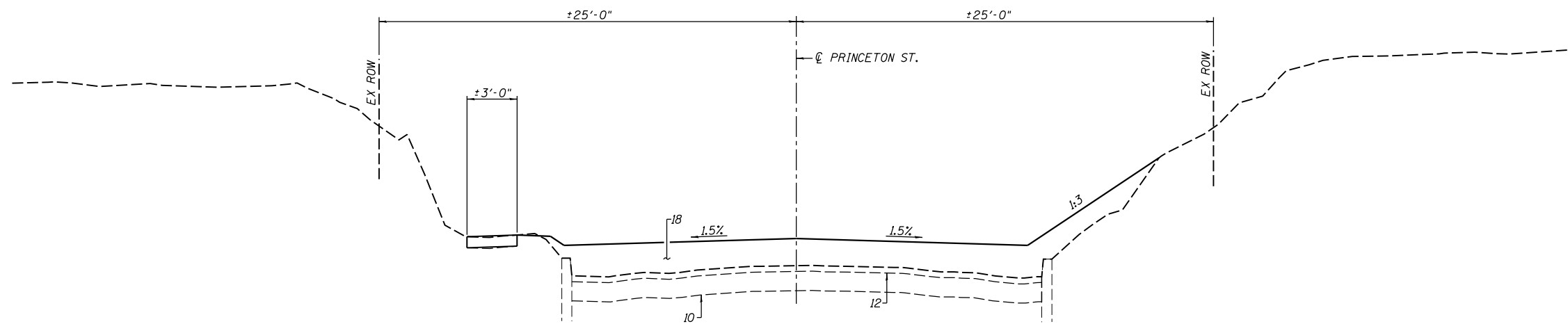
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	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

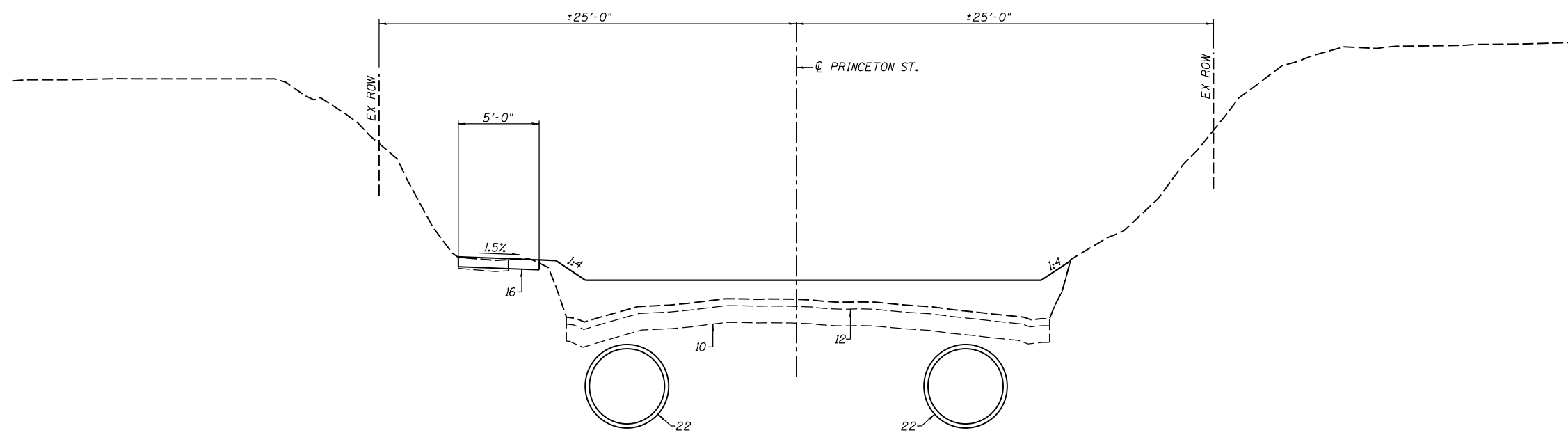
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SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - BURTON DRIVE, ILES & ALLEY

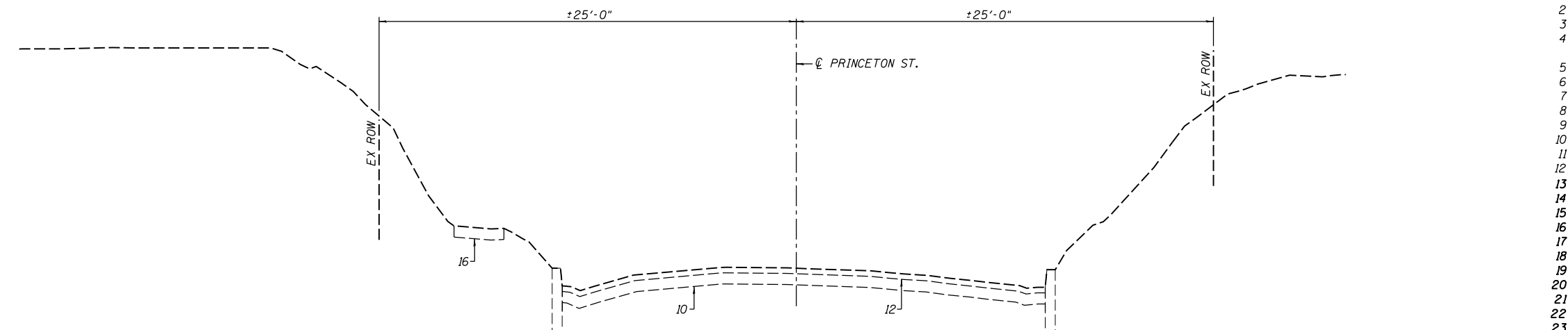
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	27
	09L0179B	CONTRACT NO.	93733	
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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 = 4/10/2019	CHECKED -	REVISED -
	DATE - 03/15/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

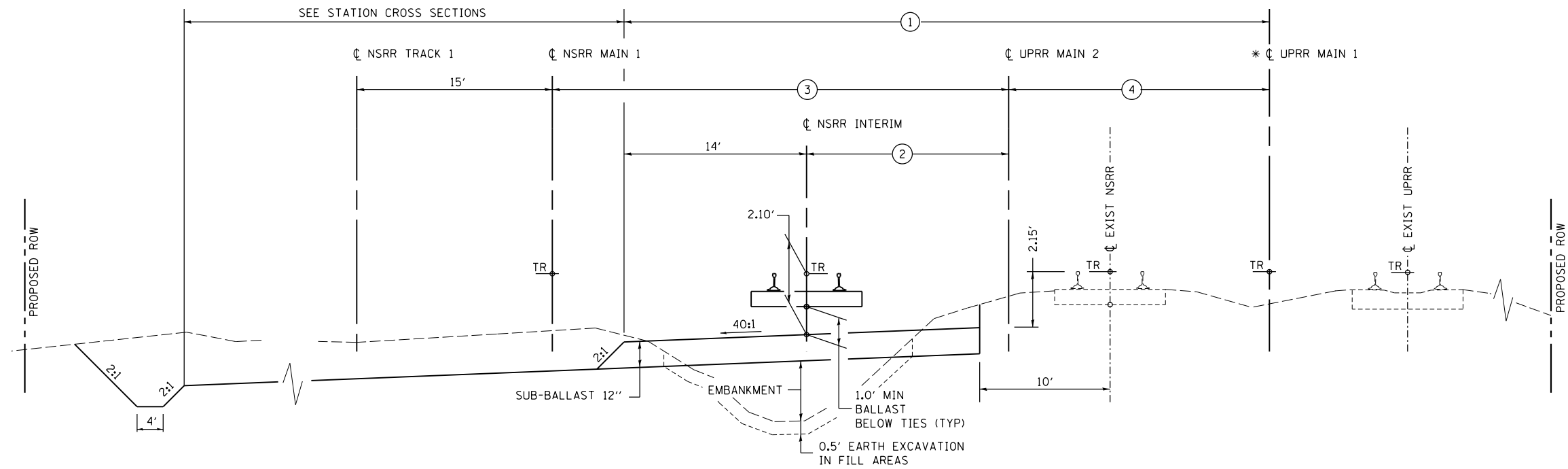
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 TYPICAL SECTIONS - PRINCETON AVE.**

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				

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



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LEGEND

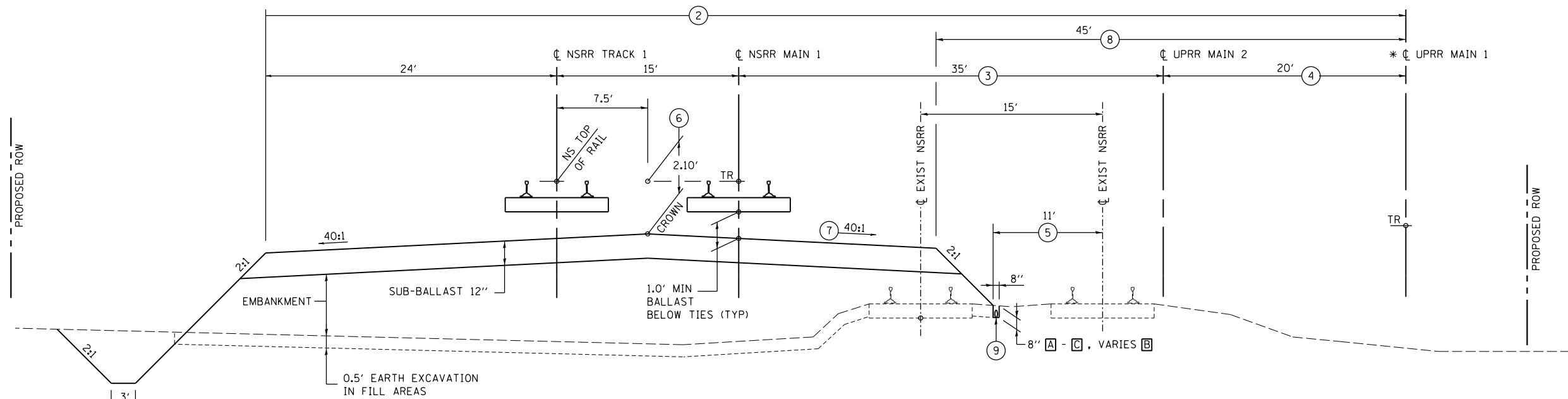
- ① TRANSITION FROM 50' AT STA. 47870+80 TO 39' AT STA. 47876+02.47
- ② VARIES FROM 19.09' AT STA. 47870+80 TO 10.0' AT 47876+02.47
- ③ VARIES FROM 23.1' AT STA. 47870+80 TO 15' AT STA. 47876+00
- ④ TRANSITION FROM 16.9' AT STA. 47870+80 TO 15' AT STA. 47876+00

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
PLOT SCALE = 10.0000' / in.
PLOT DATE = 4/10/2019

DESIGNED - GCN
DRAWN - CLG
CHECKED - JWM/GCN
DATE - 03/15/2019

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

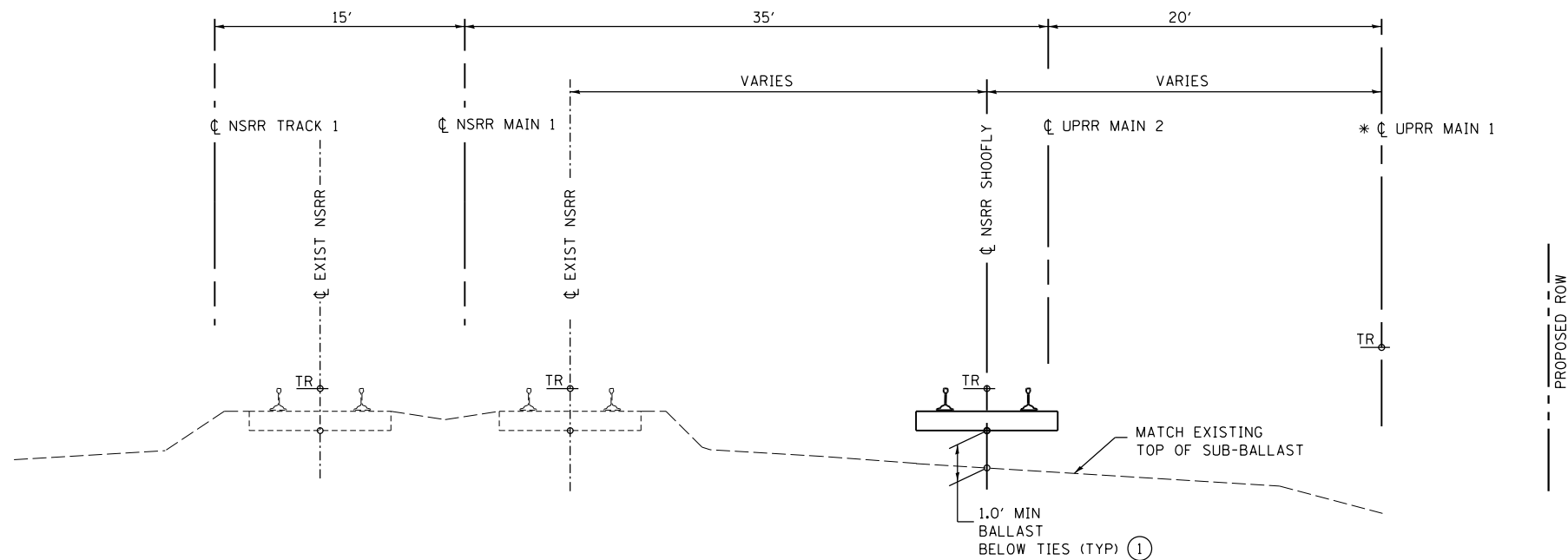
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - TRACK - 1

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

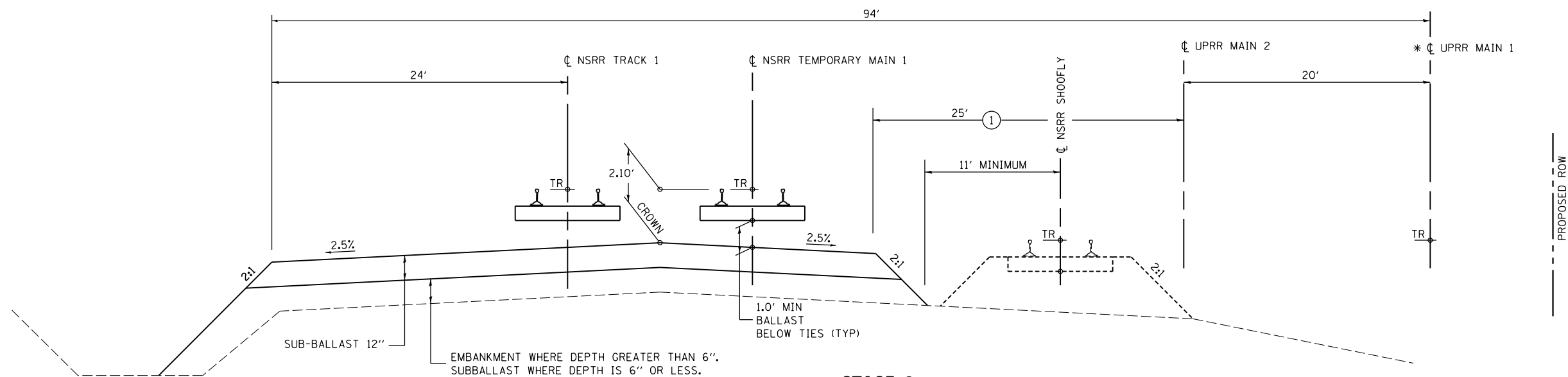
* = UPRR MAIN 1 IS BASELINE FOR TRACK EMBANKMENT CONSTRUCTION.

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
SHEET 2

USER NAME = Pop00275
PLOT SCALE = 10.0000' / in.
PLOT DATE = 4/10/2019

DESIGNED - GCN
DRAWN - CLG
CHECKED - JWM/GCN
DATE - 03/15/2019

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

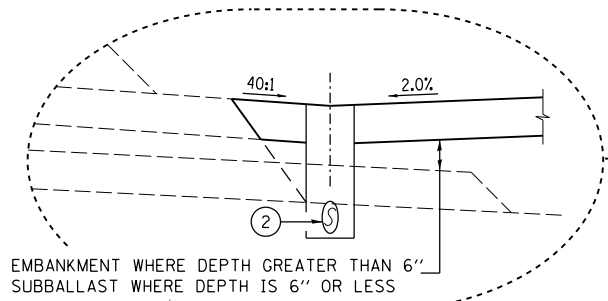
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - TRACK - 2

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

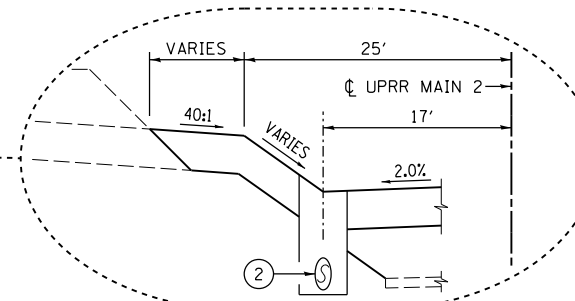
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	30
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



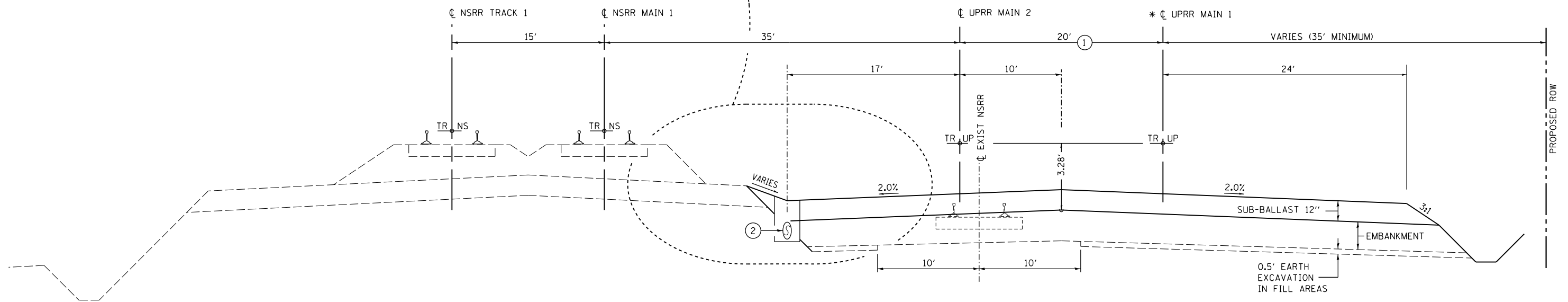
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UPRR MAIN 1 STA. 47834+50 TO STA. 47839+50



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	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
		DRAWN - CLG	REVISED -
		CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 3 OF 3 SHEETS		STA.	TO STA.
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SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - TRACK - 3

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									
UPRR MAIN 1														
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		AT&T			X	
10		47845+56	21 RT	47847+47	12 RT	OVERHEAD ELECTRIC		CWLP		AT&T			X	
11		47845+64	21 RT			LIGHT POLE		PRIVATE	X					
12		47846+71	66 LT	47846+35	115 LT	OVERHEAD ELECTRIC		CWLP		AT&T			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		COMCAST, AT&T			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		COMCAST			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		COMCAST			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					MANHOLE (2)	
33B		47861+42	30 LT	47865+94	40 LT	BURIED FIBER OPTIC	ABANDONED	AT&T TRANSMISSION					MANHOLE (2)	
33C		47865+94	40 LT	47867+91	38 LT	BURIED FIBER OPTIC	ABANDONED	AT&T TRANSMISSION					MANHOLES (2)	
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					MANHOLES (2)	
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	DESIGNED - GCN	REVISED -
		DRAWN - RSJ	REVISED -
		CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	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) ENCASMENT/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-sht-sched-USIV-01.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
		DRAWN - RSJ	REVISED -
		CHECKED - JWM/GCN	REVISED -
Sheet 1 B	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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	33
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

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
REVISED



USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN - JRP	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE:

SHEET 1 OF 6 SHEETS STA. TO STA.

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

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
REVIEWED



USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN - JRP	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 2 OF 6 SHEETS	STA. TO STA.
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SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SCHEDULE OF QUANTITIES - ROADWAY - 2

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

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
BURTON DRIVE							
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			
FIFTH STREET							
501	581.28	500	581.10		4		
503	581.60	502	581.50		4		
SIXTH STREET							
602	581.77	601	581.70			4	
604	581.85	603	581.75			4	
PRINCETON AVE.							
P102	585.00	P103	584.50				113
TOTAL				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
BURTON DRIVE											
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	
FIFTH STREET											
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							
SIXTH STREET											
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							
PRINCETON AVE.											
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
TOTAL				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

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USER NAME = Pop00275
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 4/10/2019

DESIGNED -
 DRAWN - JRP
 CHECKED -
 DATE - 03/15/2019

REVISED -
 REVISED -
 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.

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DRAWN
REVIEWED



USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JRP	REVISED -
PLOT DATE = 4/10/2019	CHECKED -	REVISED -
	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

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

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REVISED



USER NAME = Pop00275	DESIGNED -	REVISED -
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PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 5 OF 6 SHEETS	STA. TO STA.
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SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SCHEDULE OF QUANTITIES - ROADWAY - 5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	38
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. 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
REVISED



USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN - JRP	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

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				

Table with columns: LOCATION, A (20200100), B (EXCAVATION TO BE USED IN EMBANKMENT, ADJUSTED FOR SHRINKAGE (25%)), C (EMBANKMENT), D (EARTHWORK BALANCE EXCESS (+) OR SHORTAGE (-)), 20400800, Z0069700, Z0002300, COMMENTS. Includes TRACK and ROAD EARTHWORK BALANCE sections.

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

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

SEEDING SCHEDULE table with columns: LOCATION, BEGIN STATION, OFFSET, END STATION, OFFSET, ACRE, POUND, POUND, POUND, TON, ACRE, ACRE. Includes sub-sections for STAGE 1, STAGE 3, STAGE 4, and EXCESS PARCELS AND EASEMENTS.

SEWER AND UTILITY REMOVAL/ADJUSTMENT SCHEDULE table with columns: LOCATION, BEGIN STATION, OFFSET, END STATION, OFFSET, FOOT, FOOT, EACH, EACH, EACH, CU YD, CU YD. Includes sub-section for UPRR MAIN 1 and various sewer/utility locations.



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FINAL

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

USER NAME = Pop00275
PLOT SCALE = 0.1667' / in.
PLOT DATE = 4/11/2019

DESIGNED - GCN
DRAWN - RSJ
CHECKED - JWM/GCN
DATE - 03/15/2019

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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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			
5TH STREET																				
	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																		
	1001+02.00	36.00 R		1001+05.00	38.00 R			8				1								
	1001+04.38	35.70 R		999+91.89	58.31 L								10						147	
	1001+02.00	36.00 R		1000+96.00	38.00 R			7												
	1000+96.00	38.00 L																		
	1000+96.00	38.00 R		1000+09.00	35.00 L						1									
	1000+55.00	10.67 R																		
	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
Sheet 6

USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLOT SCALE = 0.1667' / in.	DRAWN - RSJ	REVISED -
PLOT DATE = 4/11/2019	CHECKED - JWM/GCN	REVISED -
	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

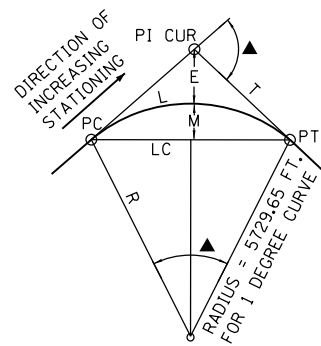
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SCHEDULE OF QUANTITIES - TRACK - 5

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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CIRCULAR CURVE USING CHORD DEFINITION

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

NOTES

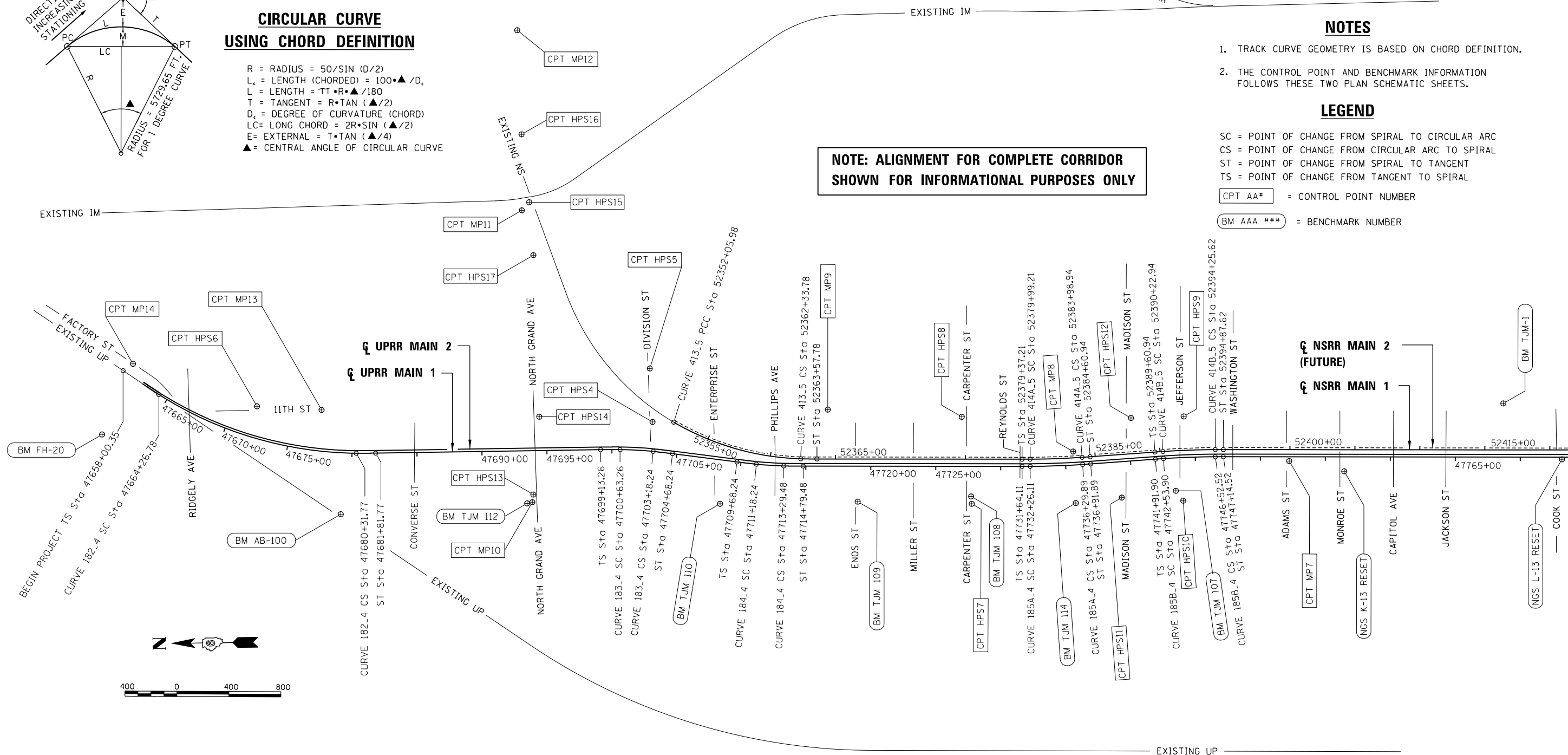
1. TRACK CURVE GEOMETRY IS BASED ON CHORD DEFINITION.
2. THE CONTROL POINT AND BENCHMARK INFORMATION FOLLOWS THESE TWO PLAN SCHEMATIC SHEETS.

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

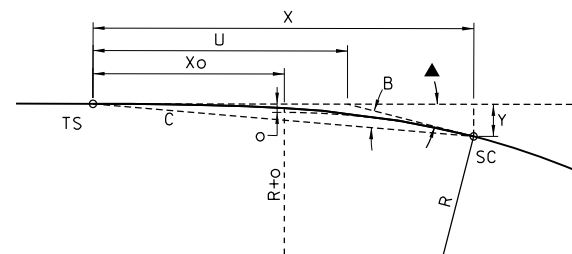
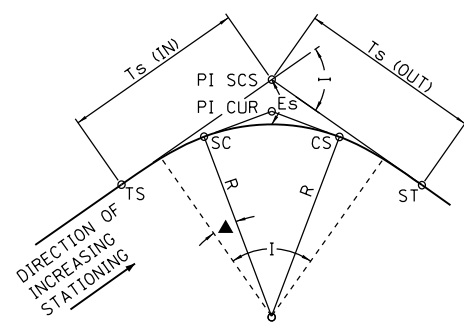
- CPT AA# = CONTROL POINT NUMBER
- BM AAA ### = BENCHMARK NUMBER

NOTE: ALIGNMENT FOR COMPLETE CORRIDOR SHOWN FOR INFORMATIONAL PURPOSES ONLY



CIRCULAR CURVE WITH SPIRAL TRANSITION

- $d = ks = k/100; D = kS = kL/100$
- $\delta = 1/2 ks^2 = dl/200; \Delta = 1/2 kS^2 = DL/200$
- $a = 1/3 \delta = 1/6 ks^2; A = 1/3 \Delta = 1/6 kS^2$
- $b = 2/3 \delta; B = 2/3 \Delta$
- $Y = 0.58268s - 0.00001264s^3$
- $X = l - 0.003048s^2$
- $o = 0.1454 \cdot s \cdot \Delta$
- $X_o = 1/2 \cdot L - 0.000508 S \cdot \Delta^2$
- $T_s = (R + o) \tan (l/2) + X_o$
- $E_s = (R + o) \text{EXSEC} (l/2) + o$
- 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
- q = DEFLECTION ANGLE FROM THE TANGENT AT THE TS OR ST TO ANY POINT ON THE SPIRAL
- v = 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 -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS ALIGNMENT TIES AND BENCHMARKS - TRACK - 1	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 = 4/10/2019	DATE - 03/15/2019	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

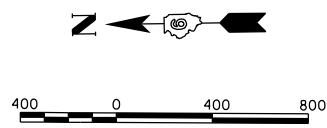
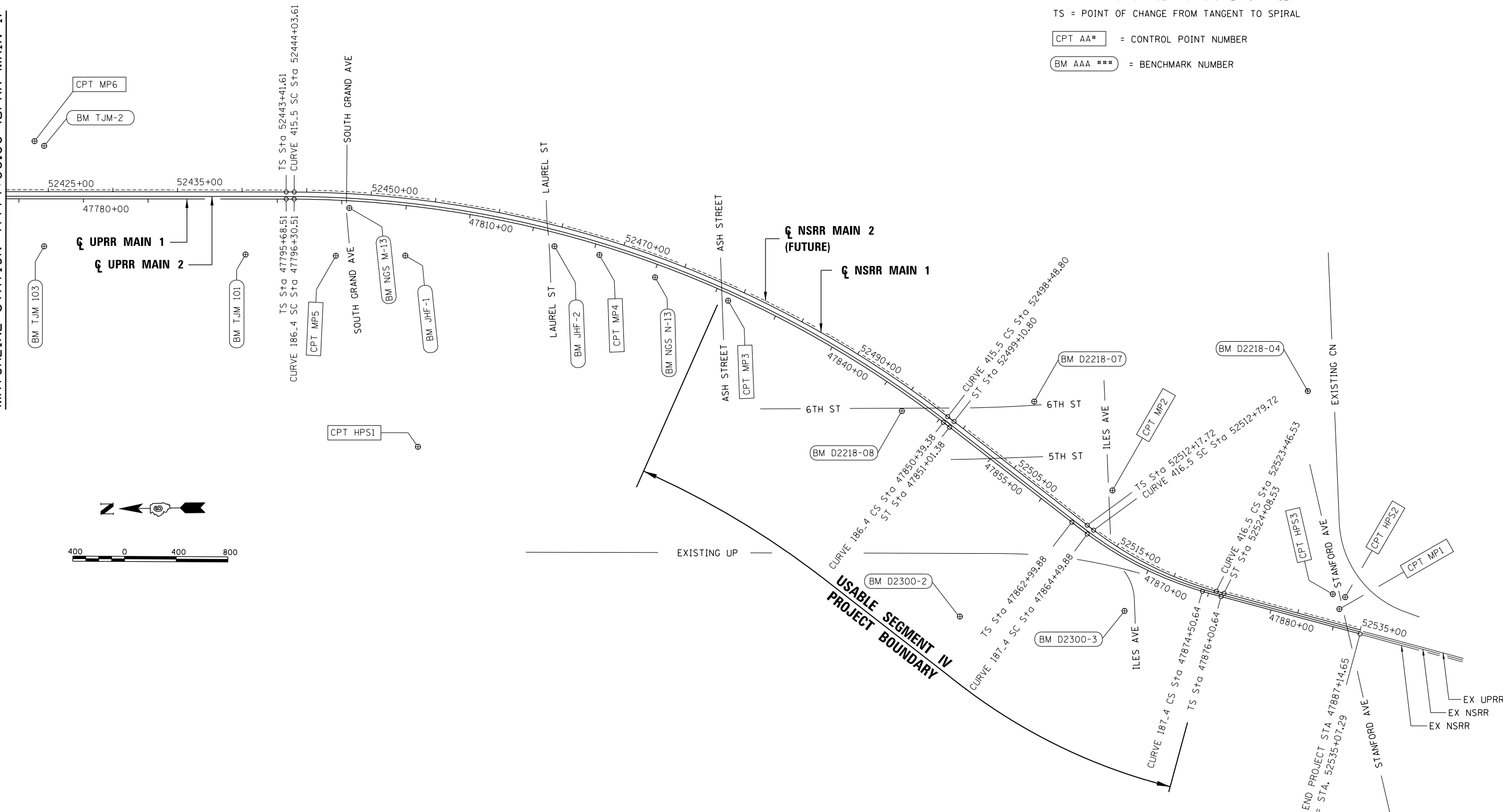
- SC = POINT OF CHANGE FROM SPIRAL TO CIRCULAR ARC
 CS = POINT OF CHANGE FROM CIRCULAR ARC TO SPIRAL
 ST = POINT OF CHANGE FROM SPIRAL TO TANGENT
 TS = POINT OF CHANGE FROM TANGENT TO SPIRAL

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

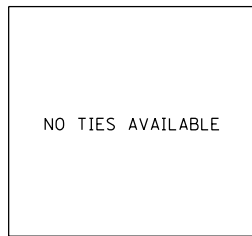
FILE NAME =	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
D609L0179B-US4-FULL-CORRIDOR-RR-ALIGNMENT		DRAWN - CLG	REVISED -
	PLOT SCALE = 800.0000' / in.	CHECKED - JWM/MNM	REVISED -
SHEET 2	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

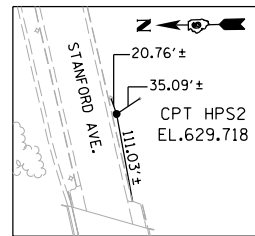
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ALIGNMENT TIES AND BENCHMARKS - TRACK - 2

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

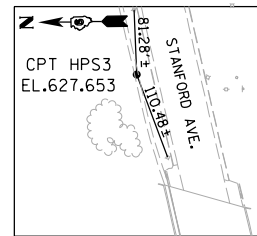
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	49
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



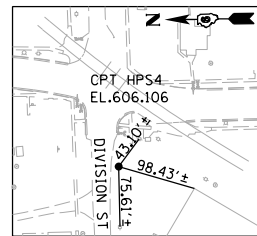
CONTROL POINT #HPS1
 SET I.P. IN CENTER OF HANSON NW PROPERTY (GRASS AREA)
 N 1,136,254.9375
 E 2,441,949.7000
 ELEV. 603.515



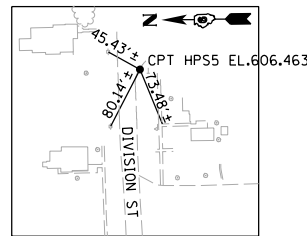
CONTROL POINT #HPS2
 SET I.P. ON SOUTH SIDE OF STANFORD AVE. APPROX. 100' EAST OF BRIDGE OVER RAILROAD
 N 1,129,093.2707
 E 2,440,696.1637
 ELEV. 629.718



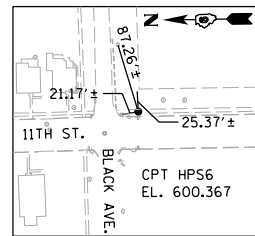
CONTROL POINT #HPS3
 SET NAIL IN ♻️ OF SIDEWALK ON NORTH SIDE OF STANFORD AVENUE APPROX. 100' EAST OF BRIDGE OVER RAILROAD
 N 1,129,188.7267
 E 2,440,720.4267
 ELEV. 627.653



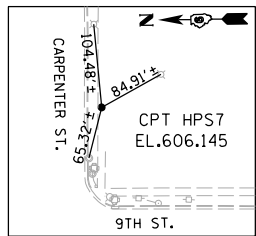
CONTROL POINT #HPS4
 SET I.P. 7' SOUTH OF SOUTH EDGE OF DIVISION STREET AND 42' WEST OF RAILROAD SIGNAL IN SW QUADRANT
 N 1,146,493.2417
 E 2,444,269.0733
 ELEV. 606.106



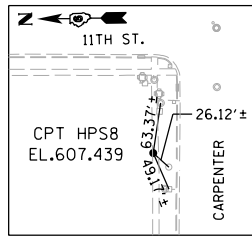
CONTROL POINT #HPS5
 SET NAIL IN EP APPROX. MIDWAY OF RADIUS IN SW QUADRANT OF 12TH STREET AND DIVISION STREET
 N 1,146,508.4440
 E 2,444,679.8280
 ELEV. 606.463



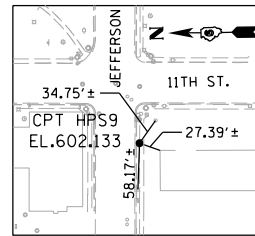
CONTROL POINT #HPS6
 SET NAIL IN CONCRETE PATCH OF BRICK WALK APPROX. 20' SOUTH OF POWER POLE IN SE QUADRANT OF 11TH STREET AND BLACK AVE.
 N 1,149,534.0340
 E 2,444,426.2573
 ELEV. 600.367



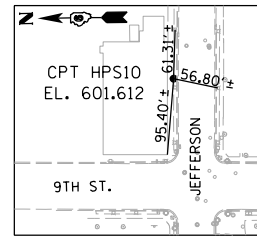
CONTROL POINT #HPS7
 SET NAIL IN SIDEWALK APPROX. 50' EAST OF SE QUADRANT OF 9TH STREET AND CARPENTER STREET
 N 1,144,047.8910
 E 2,443,664.6555
 ELEV. 606.145



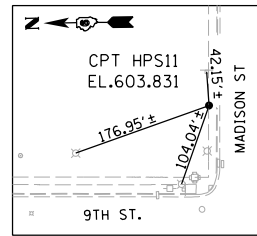
CONTROL POINT #HPS8
 SET NAIL IN SIDEWALK APPROX. 50' WEST OF NW QUADRANT OF 11TH STREET AND CARPENTER STREET
 N 1,144,112.1030
 E 2,444,277.9075
 ELEV. 607.439



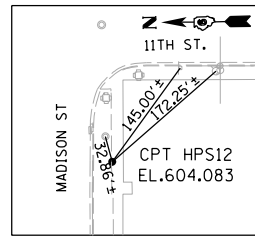
CONTROL POINT #HPS9
 SET NAIL IN ASPHALT NORTH OF SIDEWALK APPROX. 50' WEST OF SW QUADRANT OF 11TH STREET AND JEFFERSON STREET
 N 1,142,404.4865
 E 2,444,260.2030
 ELEV. 602.133



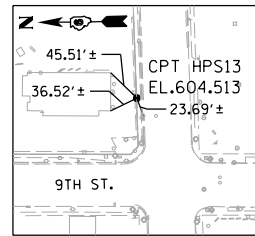
CONTROL POINT #HPS10
 SET NAIL IN SIDEWALK APPROX. 100' EAST OF NE QUADRANT OF 9TH STREET AND JEFFERSON STREET
 N 1,142,471.4950
 E 2,443,688.3390
 ELEV. 601.612



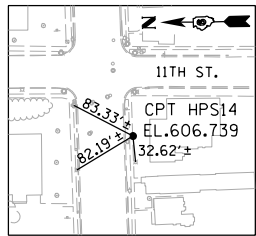
CONTROL POINT #HPS11
 SET NAIL IN NORTH EDGE OF SIDEWALK APPROX. 50' EAST OF NE QUADRANT OF 9TH STREET AND MADISON STREET
 N 1,142,889.3595
 E 2,443,641.9680
 ELEV. 603.831



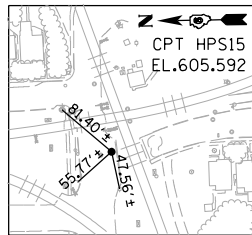
CONTROL POINT #HPS12
 SET NAIL IN NORTH EDGE OF SIDEWALK APPROX. 50' WEST OF SW QUADRANT OF 11TH STREET AND MADISON STREET
 N 1,142,810.7985
 E 2,444,253.5245
 ELEV. 604.083



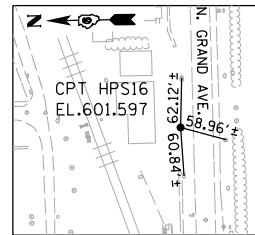
CONTROL POINT #HPS13
 SET NAIL IN NORTH EDGE OF SIDEWALK APPROX. 75' EAST OF NE QUADRANT OF 9TH STREET AND NORTH GRAND AVENUE
 N 1,147,427.3920
 E 2,443,728.0820
 ELEV. 604.513



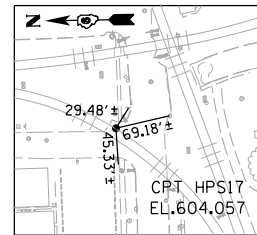
CONTROL POINT #HPS14
 SET NAIL IN SOUTH EDGE OF SIDEWALK APPROX. 50' WEST OF SW QUAD OF 11TH STREET AND NORTH GRAND AVENUE
 N 1,147,363.6315
 E 2,444,319.5005
 ELEV. 606.739



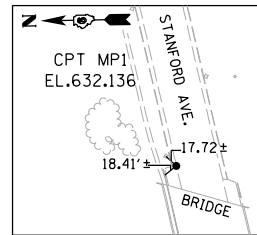
CONTROL POINT #HPS15
 SET NAIL IN ASPHALT SHOULDER APPROX. 5' SOUTH OF SOUTH LANE OF NORTH GRAND AVENUE
 N 1,147,420.4275
 E 2,445,970.8030
 ELEV. 605.592



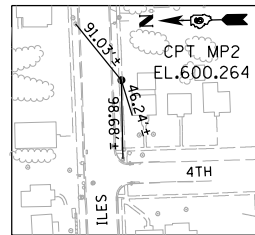
CONTROL POINT #HPS16
 SET NAIL IN ASPHALT SOUTH OF SIDEWALK ON NORTH SIDE OF NORTH GRAND AVENUE AT MIRACLE RAINBOW AUTO DETAIL
 N 1,147,472.6290
 E 2,446,493.1190
 ELEV. 601.597



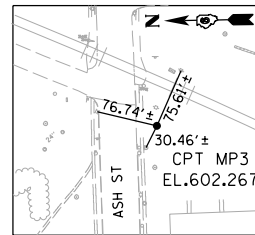
CONTROL POINT #HPS17
 SET NAIL IN NORTH SIDE OF SIDEWALK ON SOUTH SIDE OF NORTH GRAND AVENUE AT 1340 NORTH GRAND AVENUE
 N 1,147,393.5195
 E 2,445,562.4820
 ELEV. 604.057



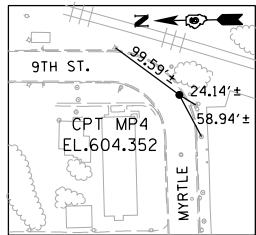
CONTROL POINT #MP1
 N 1,129,138.4333
 E 2,440,604.2887
 ELEV. 632.136



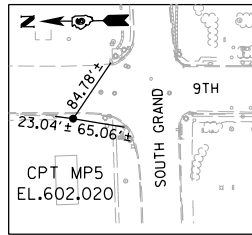
CONTROL POINT #MP2
 N 1,130,883.7397
 E 2,441,544.8010
 ELEV. 600.264



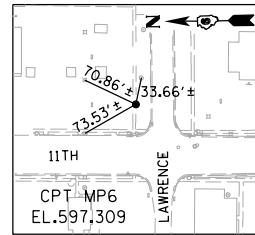
CONTROL POINT #MP3
 N 1,133,839.4933
 E 2,443,050.6063
 ELEV. 602.267



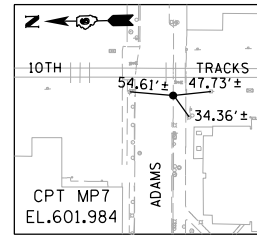
CONTROL POINT #MP4
 N 1,134,831.5710
 E 2,443,417.7337
 ELEV. 604.352



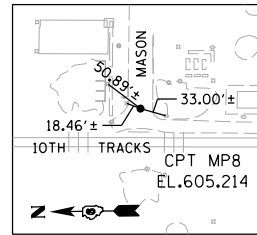
CONTROL POINT #MP5
 N 1,136,871.4293
 E 2,443,436.5803
 ELEV. 602.020



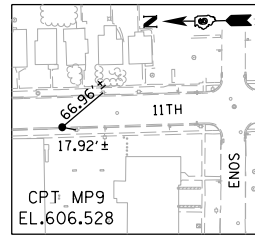
CONTROL POINT #MP6
 N 1,139,192.0730
 E 2,444,353.7153
 ELEV. 597.309



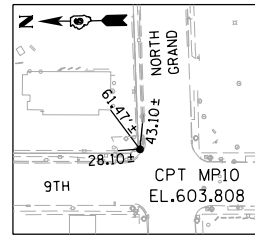
CONTROL POINT #MP7
 N 1,141,597.3217
 E 2,443,906.9077
 ELEV. 601.984



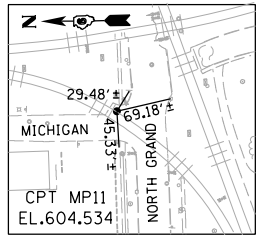
CONTROL POINT #MP8
 N 1,143,258.4373
 E 2,444,000.7783
 ELEV. 605.214



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 = D689L0179B-ATB_SHT_US4_02.dgn
 Detail

USER NAME = Pop00275
 DESIGNED - GCN
 DRAWN - CLG
 PLOT SCALE = 1:200.0000
 PLOT DATE = 4/10/2019

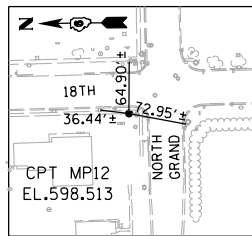
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

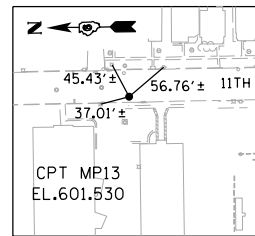
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 ALIGNMENT TIES AND BENCHMARKS - TRACK - 3**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

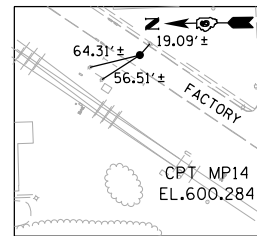
F.A.P. SECTION COUNTY TOTAL SHEETS SHEET NO.
 RTE. (109) VB,(110) VB-5 SANGAMON 382 50
 O9L0179B CONRACT NO. 93733
 *666 & 666 ALT. ILLINOIS FED. AID PROJECT

**CONTROL POINT #MP12**

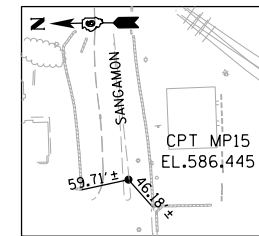
SEE TIE ABOVE

N 1,147,495.9547
E 2,447,295.4817
ELEV. 598.513**CONTROL POINT #MP13**

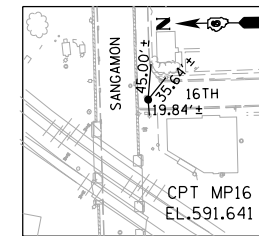
SEE TIE ABOVE

N 1,149,038.9733
E 2,444,390.1813
ELEV. 601.530**CONTROL POINT #MP14**

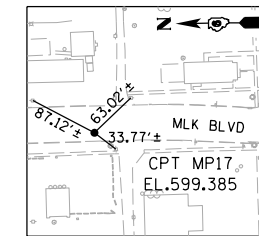
SEE TIE ABOVE

N 1,150,484.6283
E 2,444,765.1777
ELEV. 600.284**CONTROL POINT #MP15**

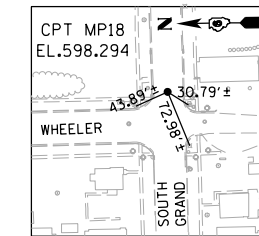
SEE TIE ABOVE

N 1,152,762.7927
E 2,445,944.0463
ELEV. 586.445**CONTROL POINT #MP16**

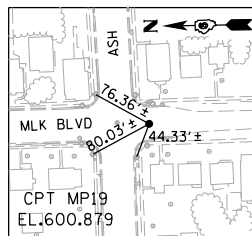
SEE TIE ABOVE

N 1,152,745.9277
E 2,446,352.2323
ELEV. 591.641**CONTROL POINT #MP17**

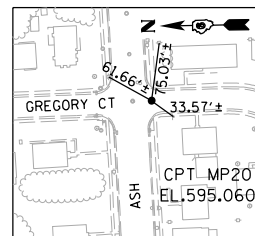
SEE TIE ABOVE

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 WELLESLY 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 PLACEN 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 COURTN 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 STREETN 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 STREETN 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 STREETN 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 NEN 1,139,128
E 2,443,538**BENCHMARK TJM 107**

ELEV. 603.007

CHISELED X ON WEST BOLT OF FIRE HYDRANT
NW QUADRANT OF 9TH STREET AND JEFFERSON STREETN 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 STREETN 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 STREETN 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 STREETN 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 AVENUEN 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 STREETN 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 STREETN 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 STREETN 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 STREETN 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 AVENUEN 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 AVENUEN 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 AVENUEN 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 STREETN 1,152,733
E 2,445,909**BENCHMARK NGS K-13 RESET**

ELEV. 598.961

BRASS DISK ON STATE JOURNAL REGISTER
PROPERTY - MONROE STREETN 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 UNDERPASSN 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 UNDERPASSN 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 RAILROADN 1,134,403
E 2,443,239**FINAL**

FILE NAME = D609L0179B-ATB_SHT_US4_02.dgn	USER NAME = Pop00275	DESIGNED - GCN	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.
	PLOT SCALE = 1/200.0000 "/>										



Table with 8 columns: ALIGNMENT ELEMENT, DESCRIPTION, ALIGNMENT POINT, STATION, DISTANCE, BEARING, NORTHING, EASTING. Contains data for UPRR MAIN 1 ALIGNMENT CONTROL including curves 182_4, 183_4, 184_4, 185A_4, 185B_4, 186_4, 187_4.

Table with 8 columns: ALIGNMENT ELEMENT, DESCRIPTION, ALIGNMENT POINT, STATION, DISTANCE, BEARING, NORTHING, EASTING. Contains data for UPRR MAIN 2 ALIGNMENT CONTROL including curves 182_5, 187_5.

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

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

USER NAME = Pop00275
PLOT SCALE = 800.0000' / in.
PLOT DATE = 4/10/2019

DESIGNED - GCN
DRAWN - CLG
CHECKED - JWM/MNM
DATE - 03/15/2019

REVISED -
REVISED -
REVISED -
REVISED -

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.

Table with 6 columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Values include 09L0179B, SANGAMON, 382, 52, 93733.



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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						
	DEGREE (chord) = 2°46'49"	PISCS	52357+64.62			1,145,850.8145	2,443,976.4120
	R = 2,060.99'	PICUR	52357+30.86			1,145,879.7262	2,443,993.8359
	L = 1,027.80'						
T = 524.87'							
CURVE 414A_5	LS-in = 0', Se=2" - Match Existing Curve	CS	52362+33.78	1,027.80'	S 2°29'59" W	1,145,355.3511	2,443,970.9429
	LS-out = 124.0', Se=2" - Match Existing Cur	ST	52363+57.78	124.00'	S 0°46'34" W	1,145,231.3905	2,443,968.0200
	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"						
CURVE 414B_5	R = 6,265.52'	PISCS	52381+99.18			1,143,390.1580	2,443,943.0749
	L = 399.73'	PICUR	52381+99.15			1,143,390.1835	2,443,944.1668
	T = 199.94'						
	LS-in = 62.0', Se=1" - DS = 50 MPH	CS	52383+98.94	399.73'	S 3°09'46" E	1,143,190.5519	2,443,955.1977
	LS-out = 62.0', Se=1" - DS = 50 MPH	ST	52384+60.94	62.00'	S 3°26'46" E	1,143,128.6580	2,443,958.8225
CURVE 414B_5	TOTAL DELTA = 4°13'21" LT	TS	52389+60.94	500.00'	S 3°26'46" E	1,142,629.5621	2,443,988.8782
	DELTA = 3°39'33" LT	SC	52390+22.94	62.00'	S 3°09'52" E	1,142,567.6683	2,443,992.5037
	DEGREE (chord) = 0°54'31"						
	R = 6,305.52'	PISCS	52392+24.39			1,142,366.5902	2,444,004.7145
	L = 402.68'	PICUR	52392+24.35			1,142,366.5648	2,444,003.6223
CURVE 415_5	T = 201.41'						
	LS-in = 62.0', Se=1" - DS = 50 MPH	CS	52394+25.62	402.68'	S 0°29'40" W	1,142,165.1617	2,444,001.8839
	LS-out = 62.0', Se=1" - DS = 50 MPH	ST	52394+87.62	62.00'	S 0°46'34" W	1,142,103.1661	2,444,001.1456
	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
CURVE 416_5	DEGREE (chord) = 0°41'14"						
	R = 8,338.78'	PISCS	52472+30.88			1,134,360.6150	2,443,896.2491
	L = 5,445.19'	PICUR	52472+27.28			1,134,364.3824	2,443,885.7252
	T = 2,823.67'						
	LS-in = 62.0', Se=1" - DS = 50 MPH	CS	52498+48.80	5,445.19'	S 38°24'12" W	1,132,151.5952	2,442,131.6822
CURVE 416_5	LS-out = 62.0', Se=1" - DS = 50 MPH	ST	52499+10.80	62.00'	S 38°36'59" W	1,132,103.1041	2,442,093.0480
	TOTAL DELTA = 22°51'20" LT	TS	52511+86.69	1,275.89'	S 38°36'59" W	1,131,106.1988	2,441,296.7635
	DELTA = 20°20'42" LT	SC	52513+10.69	124.00'	S 37°59'19" W	1,131,008.7518	2,441,220.0860
	DEGREE (chord) = 2°01'29"						
	R = 2,829.93'	PISCS	52518+20.77			1,130,610.7615	2,440,901.0298
CURVE 416_5	L = 1,004.82'	PICUR	52518+18.47			1,130,607.8993	2,440,906.6018
	T = 507.78'						
	LS-in = 124.0', Se=2" - DS = 50 MPH	CS	52523+15.50	1,004.81'	S 16°23'19" W	1,130,119.6026	2,440,763.3488
	LS-out = 124.0', Se=2" - DS = 50 MPH	ST	52524+39.50	124.00'	S 15°45'39" W	1,130,000.5162	2,440,728.7976
	END	END	END	52535+07.22	1,067.72'	S 15°45'39" W	1,128,972.9399

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	REVISED -
DRAWN - CLG	REVISED -
CHECKED - JWM/MNM	REVISED -
DATE - 03/15/2019	REVISED -

PLOT SCALE = 800.0000' / in.	
PLOT DATE = 4/10/2019	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

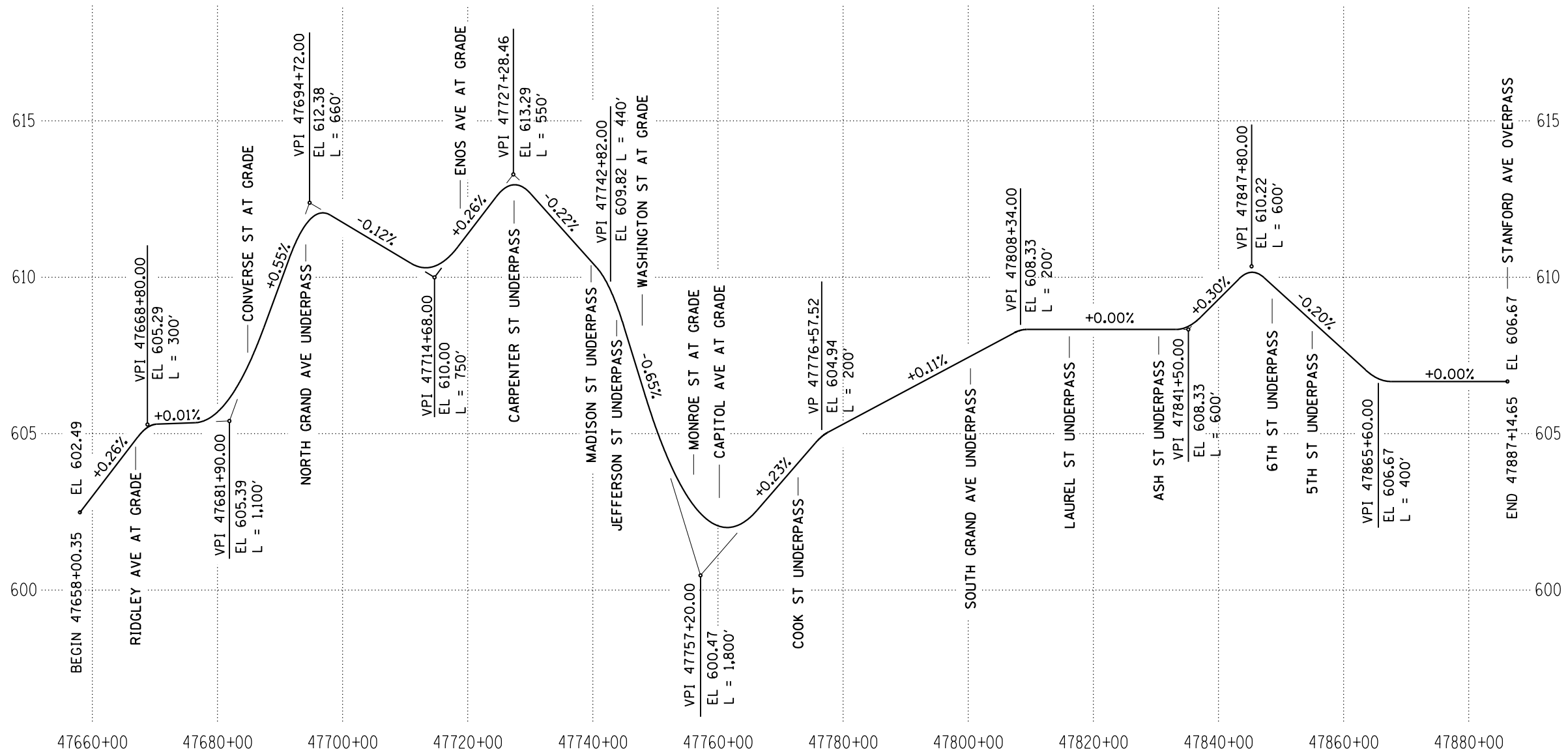
SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS GEOMETRY TABLES - TRACK - 2	
SCALE:	SHEET 2 OF 2 SHEETS STA. TO STA.

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	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
		DRAWN - CLG	REVISED -
		CHECKED - JWM/MNM	REVISED -
		DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	54
	09L0179B	CONTRACT NO.	93733	

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

*666 & 666 ALT. ILLINOIS FED. AID PROJECT



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

* CL UPRR MAIN 1
 PROP. CURVE 186.4
 PI STA. = 47824+35.33
 Δ = 37° 24' 41" (RT)
 D = 0° 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

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:

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.



FINAL

FILE NAME = D609L0179B-ATB_SHT_US4_01.dgn
 STAGE 2

USER NAME = Pop00275
 PLOT SCALE = 200.0000' / in.
 PLOT DATE = 4/10/2019

DESIGNED - GCN
 DRAWN - CLG
 CHECKED - JWM/MNM
 DATE - 03/15/2019

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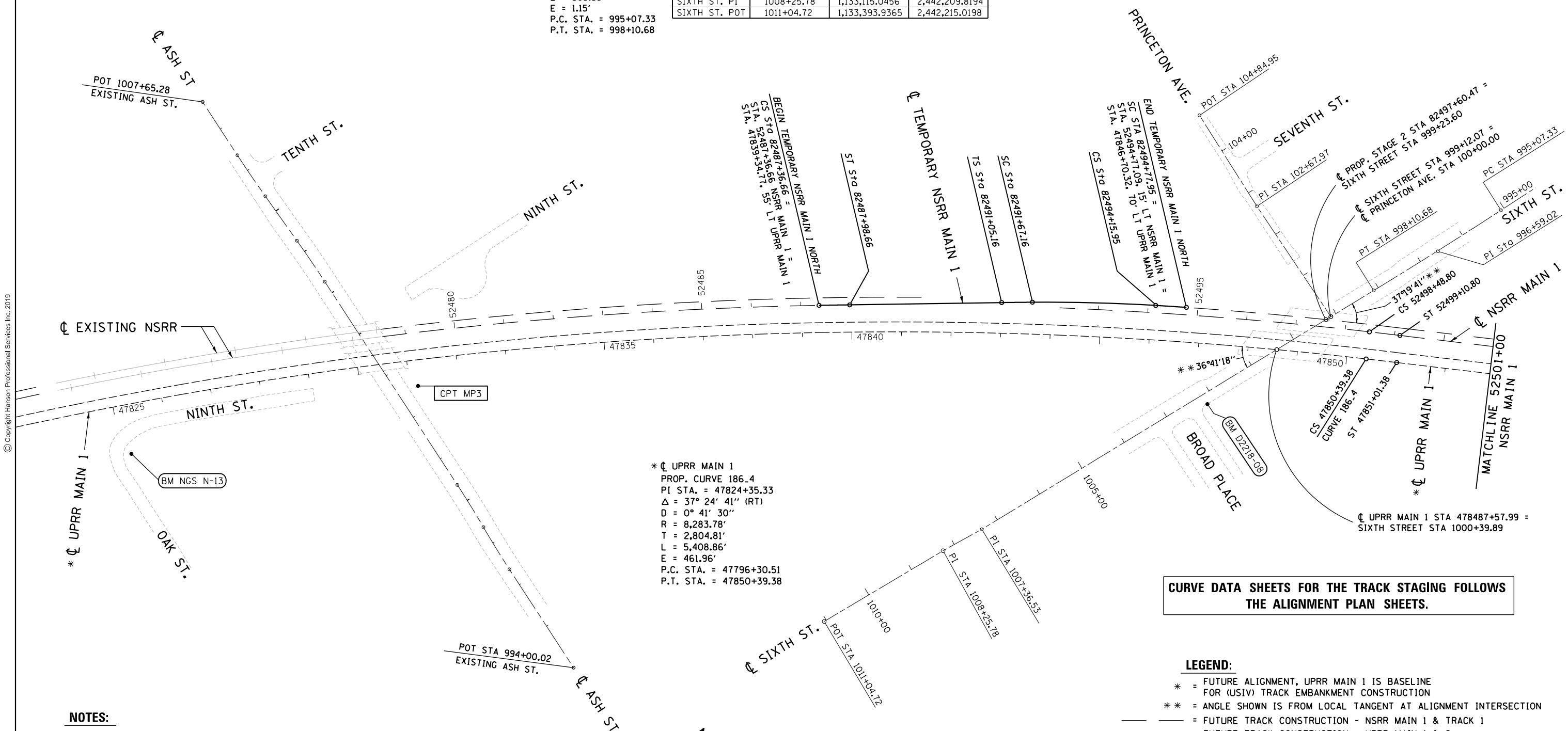
☐ SIXTH STREET
 EXIST. CURVE SIX10100
 PI STA. = 996+59.02
 $\Delta = 1^\circ 44' 17''$ (RT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 151.68'$
 $L = 303.35'$
 $E = 1.15'$
 P.C. STA. = 995+07.33
 P.T. STA. = 998+10.68

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



* ☐ 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

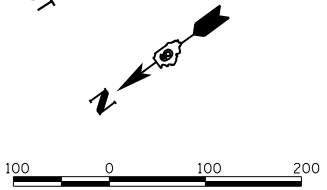
CURVE DATA SHEETS FOR THE TRACK STAGING FOLLOWS THE ALIGNMENT PLAN SHEETS.

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 -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS ALIGNMENT - TRACK - 2	F.A.P. RTE. = 09L0179B	SECTION = (109) VB,(110) VB-5	COUNTY = SANGAMON	TOTAL SHEETS = 382	SHEET NO. = 56	
STAGE 3	PLOT SCALE = 200.0000' / in.	CHECKED - JWM/MNM	REVISED -			SCALE: SHEET 2 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 93733		*666 & 666 ALT. ILLINOIS FED. AID PROJECT	
	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -								



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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 Ls-in = 0', Se=1.0" - DS = 40 MPH Ls-out = 62.0', Se=1.0" - DS = 40 MPH	POC	82487+36.66		S 27°42'56.20" W	1,133,066.5813	2,442,762.4634
		CS	82487+36.66	0.00'	S 27°42'56.20" W	1,133,066.5813	2,442,762.4634
		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 DELTA = 3°43'55.05" RT 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 Ls-out = 62.0', Se=1.0" - DS = 40 MPH	TS	82491+05.16	306.50'	S 30°58'29.05" W	1,132,750.5713	2,442,572.8767
		SC	82491+67.16	62.00'	S 31°26'23.01" W	1,132,697.4995	2,442,540.8242
		PI CUR	82492+91.60			1,132,591.3233	2,442,475.9129
CURVE 4122	DELTA = 2°33'15.94" RT DEGREE (chord) = 0°41'09.13" R = 8,353.78' L = 372.4356' T = 186.25'	CS	82494+15.95	248.79'	S 35°10'18.06" W	1,132,489.5974	2,442,404.2284
		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
CURVE 413	TOTAL DELTA = 1°51'59.98" RT DELTA = 1°14'48.01" RT 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 Ls-out = 62.0', Se=1.0" - DS = 40 MPH	TS	82506+95.34	782.95'	S 38°36'58.80" W	1,131,481.9859	2,441,616.1236
		ST	82507+57.34	62.00'	S 38°55'34.78" W	1,131,433.6126	2,441,577.3420
		PI SC SC	82508+19.69			1,131,385.1175	2,441,538.1745
CURVE 414	TOTAL DELTA = 3°15'41.66" RT DELTA = 1°51'59.98" RT 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 Ls-out = 0.0', Se=1.0" - DS = 40 MPH	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
		PI SC SC	82511+76.67	232.66'	S 40°28'58.78" W	1,131,113.2943	2,441,306.7456
END	POINT ON NSRR INTERIM CURVE	POC	82513+83.64	82.97'	S 37°13'17.01" W	1,130,953.0937	2,441,175.7577
		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

NSRR SHOOFLY ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
CURVE 401	TOTAL DELTA = 6°23'42.87" RT DELTA = 4°50'43.32" RT 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 Ls-out = 62.0', Se=1.0" - DS = 40 MPH	CS	72479+14.57		S 25°06'47.36" W	1,133,800.4478	2,443,151.1642
		SC	72479+76.57	62.00'	S 25°53'17.17" W	1,133,744.4283	2,443,124.5983
		PI SC SC	72480+73.62			1,133,856.4311	2,443,083.6615
CURVE 402	TOTAL DELTA = 4°18'25.74" RT DELTA = 1°14'48.01" RT 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 Ls-out = 62.0', Se=1.0" - DS = 40 MPH	TS	72490+32.75	800.37'	S 31°30'30.23" W	1,132,838.4633	2,442,582.2453
		ST	72490+94.75	62.00'	S 32°07'42.12" W	1,132,785.7219	2,442,549.6524
		PI SC SC	72491+71.49			1,132,720.1812	2,442,509.7381
END	POINT ON EXISTING CURVE	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 DELTA = 20°03'56.23" LT 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 Ls-out = 124.0', Se=1.0" - DS = 40 MPH	TS	82512+59.64	100.00'	S 38°36'58.80" W	1,131,050.6025	2,441,252.3556
		SC	82513+83.64	124.00'	S 39°05'17.11" W	1,130,953.0937	2,441,175.7577
		PI SC SC	82518+35.47			1,130,599.9044	2,440,892.3577
END	POINT ON EXISTING CURVE	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

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	1,131,324.1860	2,441,490.0639
CURVE 2042	DELTA = 5°43'29.00" RT DEGREE (chord) = 7°30'00.00" R = 764.49' L = 76.33' T = 38.22' Ls-in = 0', Se=1.0" - DS = 15 MPH Ls-out = 0', Se=1.0" - DS = 15 MPH	PC	92509+40.72	43.00'	S 38°36'58.80" W	1,131,290.5882	2,441,463.2275
		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

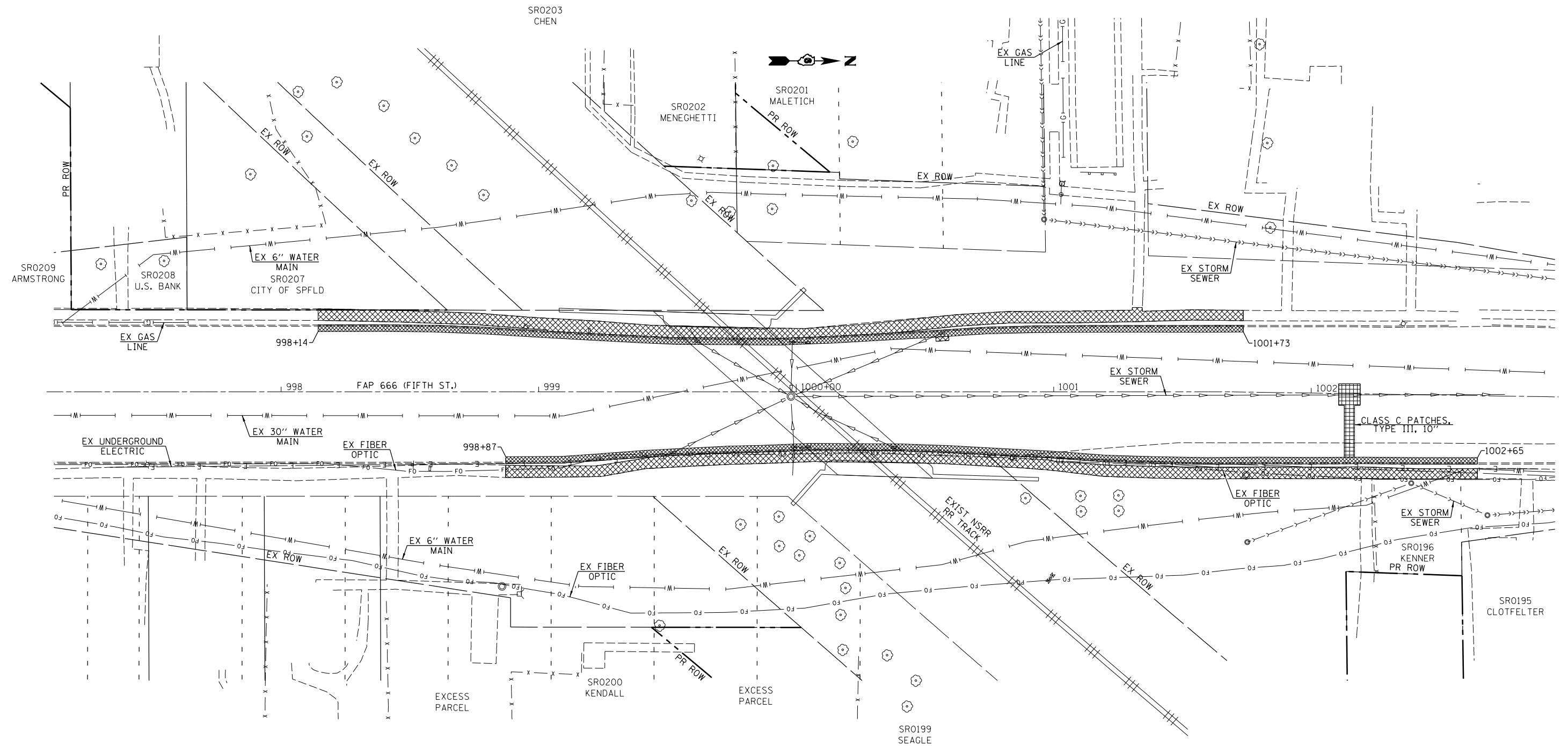
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		CHECKED - JWM/MNM	REVISED -
		DATE - 03/15/2019	REVISED -

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.

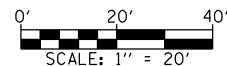
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09L0179B	(109) VB,(110) VB-5	SANGAMON	382	58
CONTRACT NO. 93733				
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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



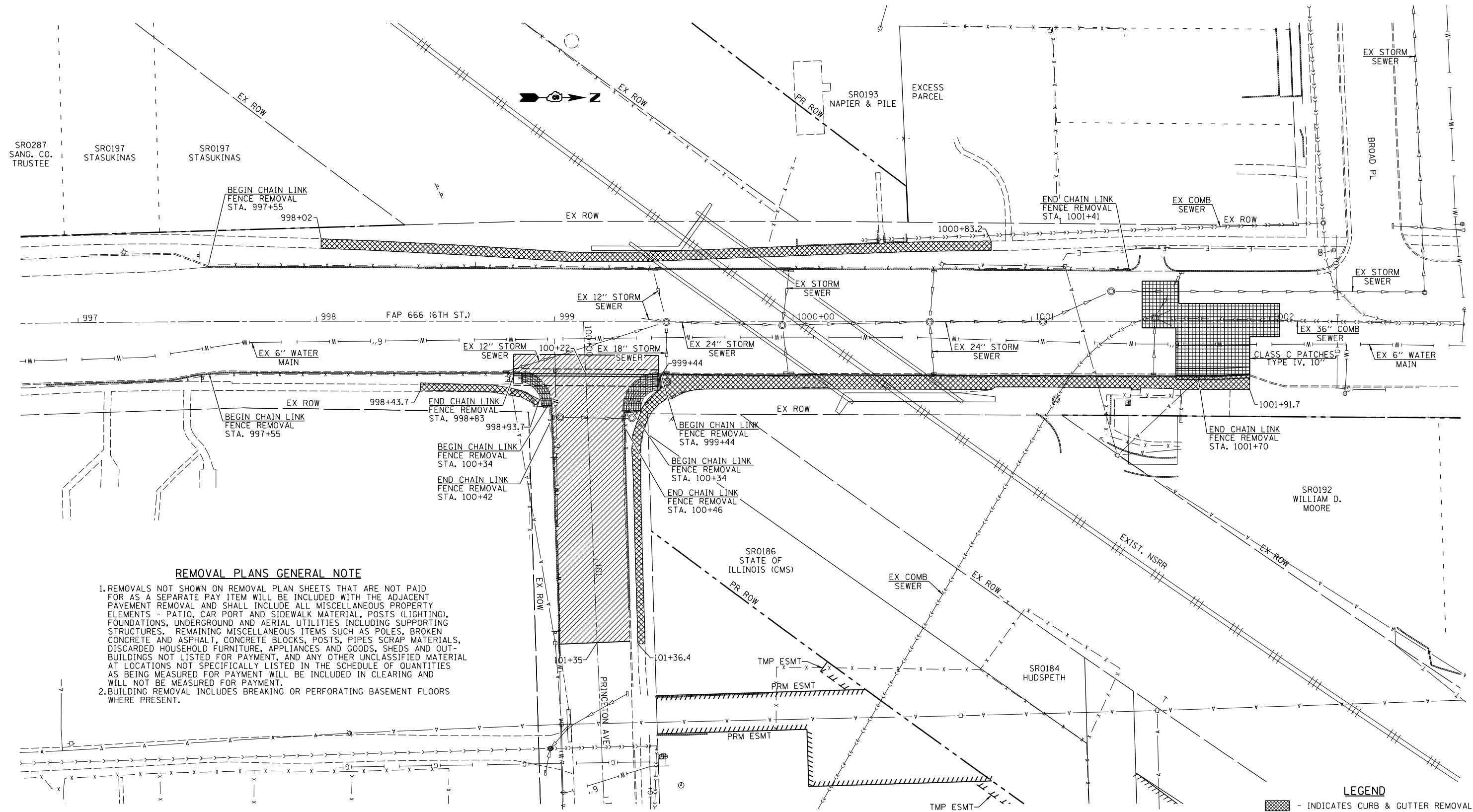
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PLOT DATE = 4/11/2019	CHECKED -	REVISED -
	DATE - 03/15/2019	REVISED -

**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				



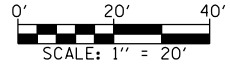
REMOVAL PLANS GENERAL NOTE

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 = 4/11/2019	CHECKED -	REVISED -
	DATE - 03/15/2019	REVISED -

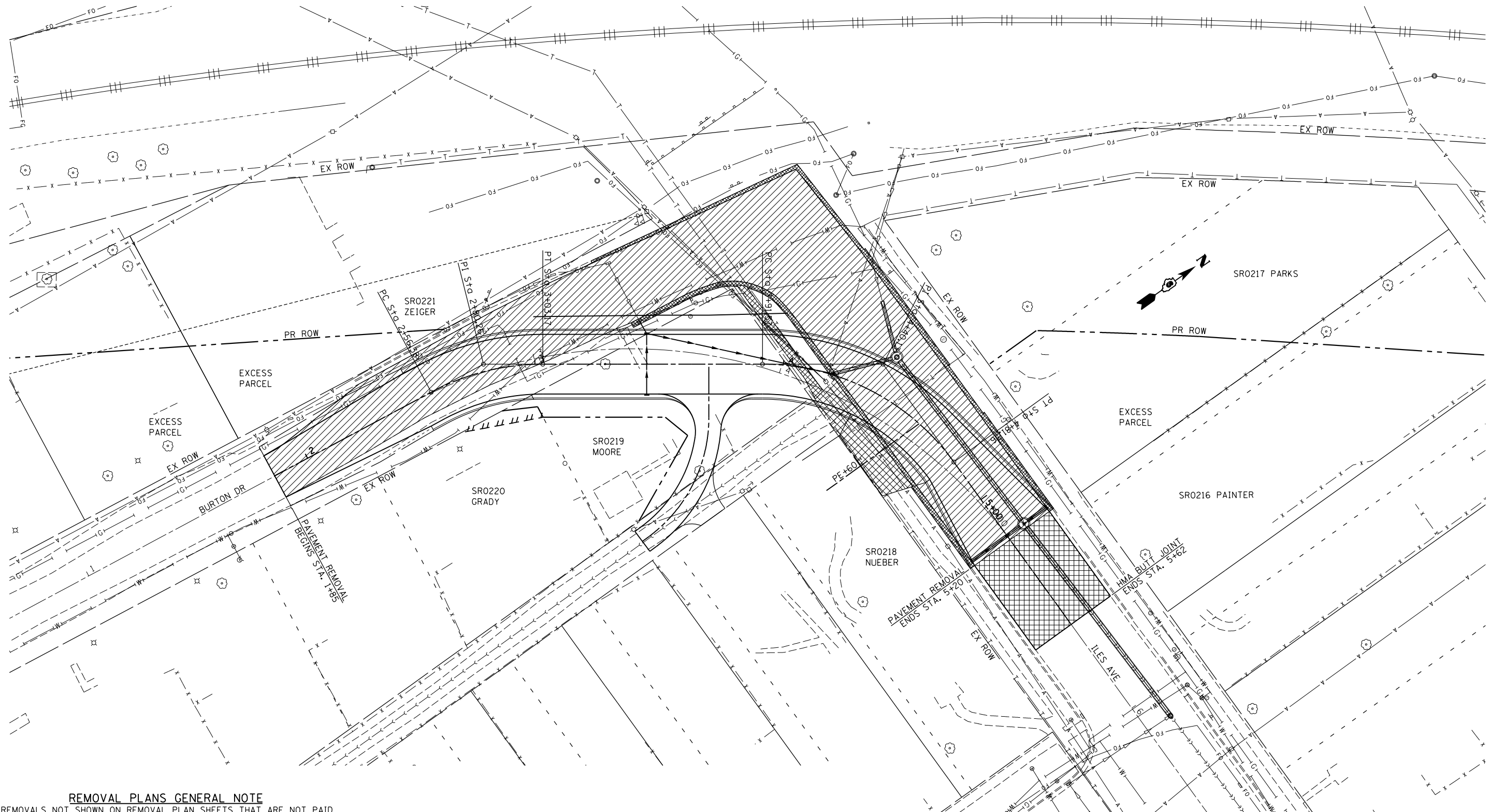
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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				

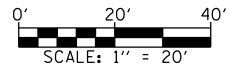
SR0185
T&J FAMILY LTD
PARTNERSHIP



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
REVISED



USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/10/2019	CHECKED -	REVISED -
	DATE = 03/15/2019	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

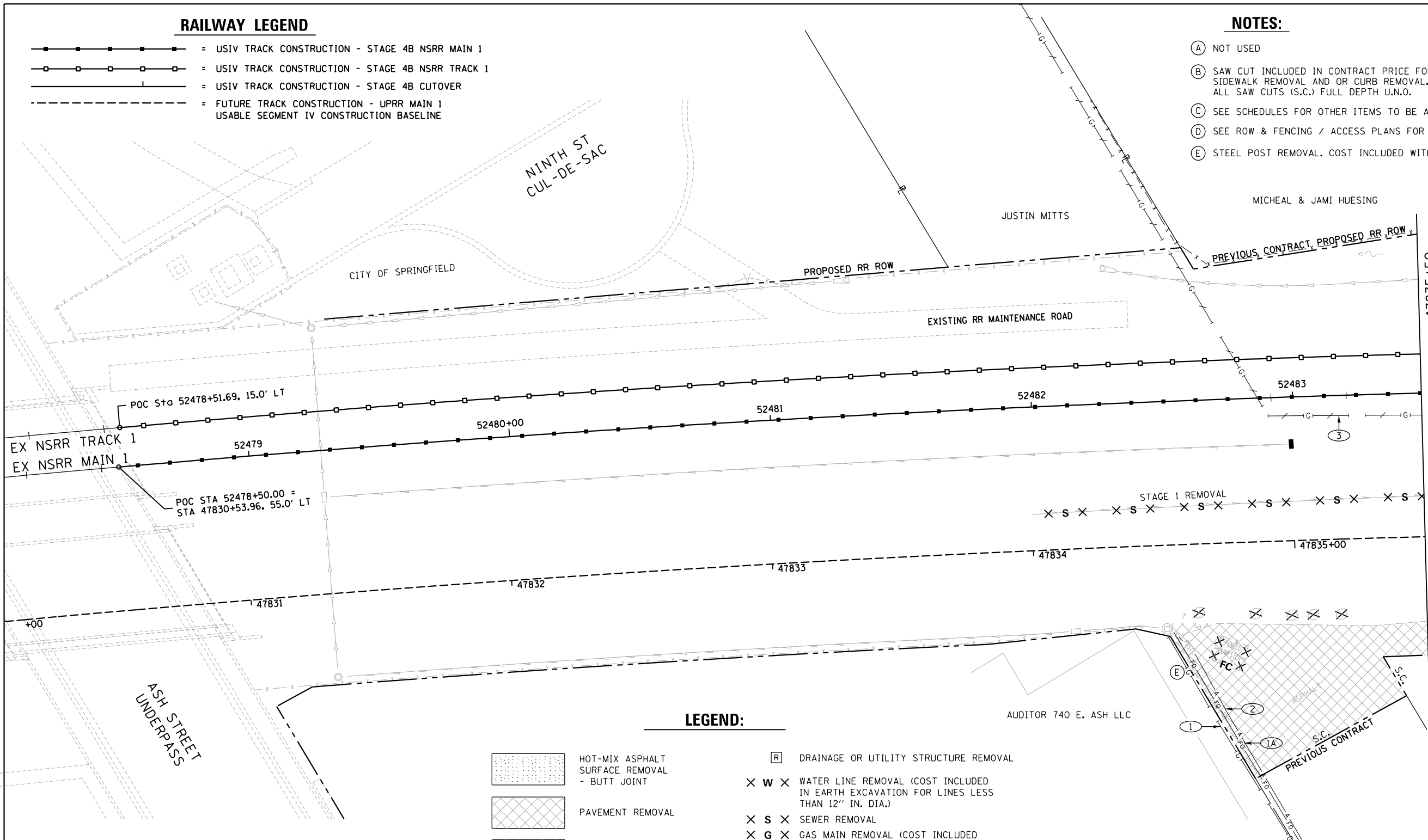
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- |—|—|—|— = USIV TRACK CONSTRUCTION - STAGE 4B CUTOVER
- - - - - = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 USABLE SEGMENT IV CONSTRUCTION BASELINE

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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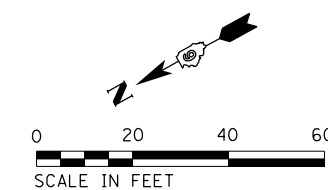


LEGEND:

- [Pattern] HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- [Pattern] PAVEMENT REMOVAL
- [Pattern] SIDEWALK REMOVAL
- [Pattern] DRIVEWAY PAVEMENT REMOVAL
- [Symbol] COMBINATION CURB AND GUTTER REMOVAL AND OR CURB REMOVAL
- [Symbol] PREVIOUSLY ABANDONED GAS LINE
- [Symbol] DRAINAGE STRUCTURE RECONSTRUCTION
- [Symbol] DRAINAGE OR UTILITY STRUCTURE ADJUSTMENT
- [Symbol] DRAINAGE OR UTILITY STRUCTURE REMOVAL
- [Symbol] WATER LINE REMOVAL (COST INCLUDED IN EARTH EXCAVATION FOR LINES LESS THAN 12" IN. DIA.)
- [Symbol] SEWER REMOVAL
- [Symbol] GAS MAIN REMOVAL (COST INCLUDED WITH EARTH EXCAVATION)
- [Symbol] FENCE REMOVAL
- [Symbol] ABANDON AND FILL EXISTING SEWER WITH CLSM
- [Symbol] 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.
- [Symbol] REMOVAL ITEM SYMBOL WITH DESCRIPTION
- [Symbol] 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 -
		DRAWN - CLG	REVISED -
		CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

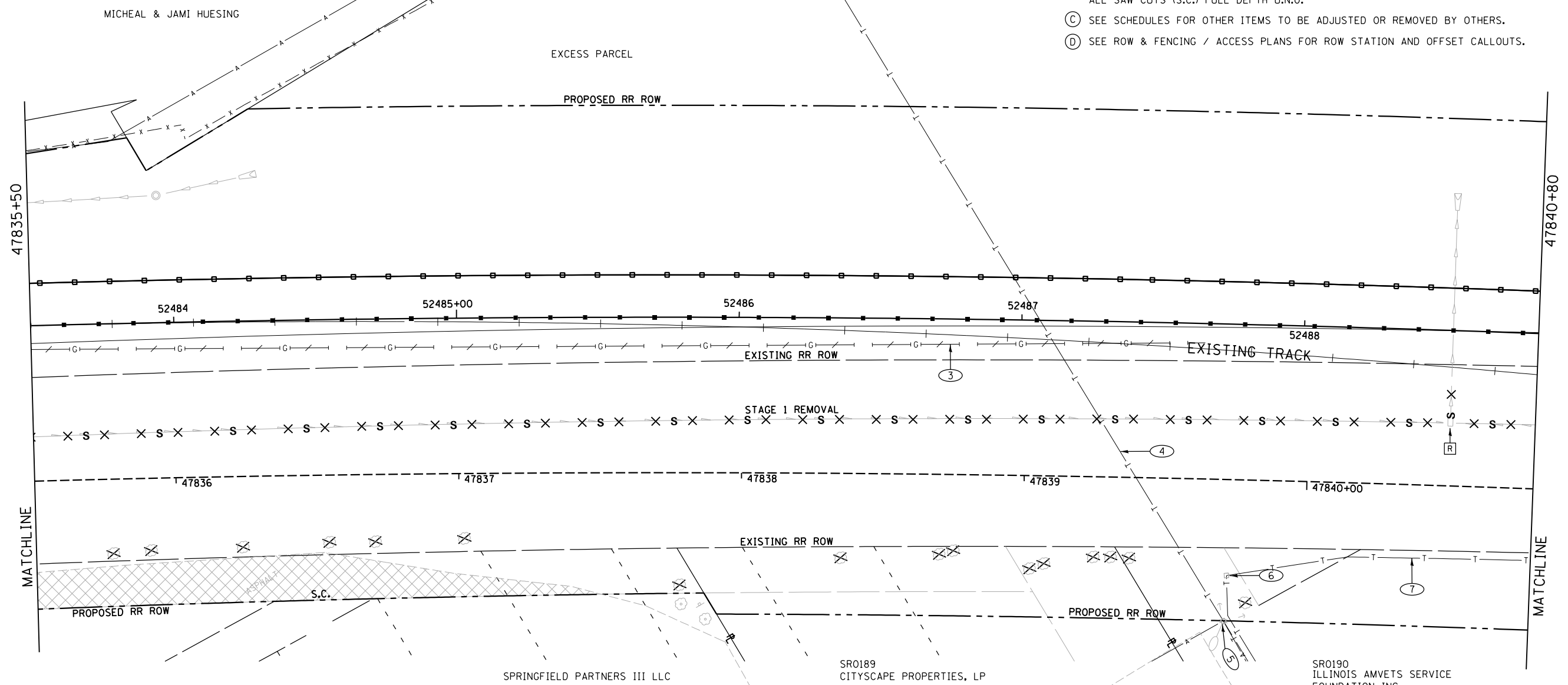
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	62
	09L0179B		CONTRACT NO.	93733
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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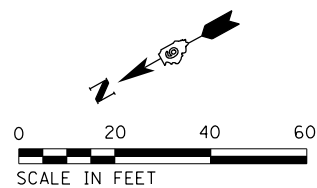
NOTES:

- (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

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	PLOT DATE = 4/10/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
REMOVAL PLAN - TRACK - 2

SCALE: SHEET 2 OF 11 SHEETS STA. 47835+50 TO STA. 47840+80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	63
	09L0179B		CONTRACT NO. 93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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47840+80

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.
- (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.

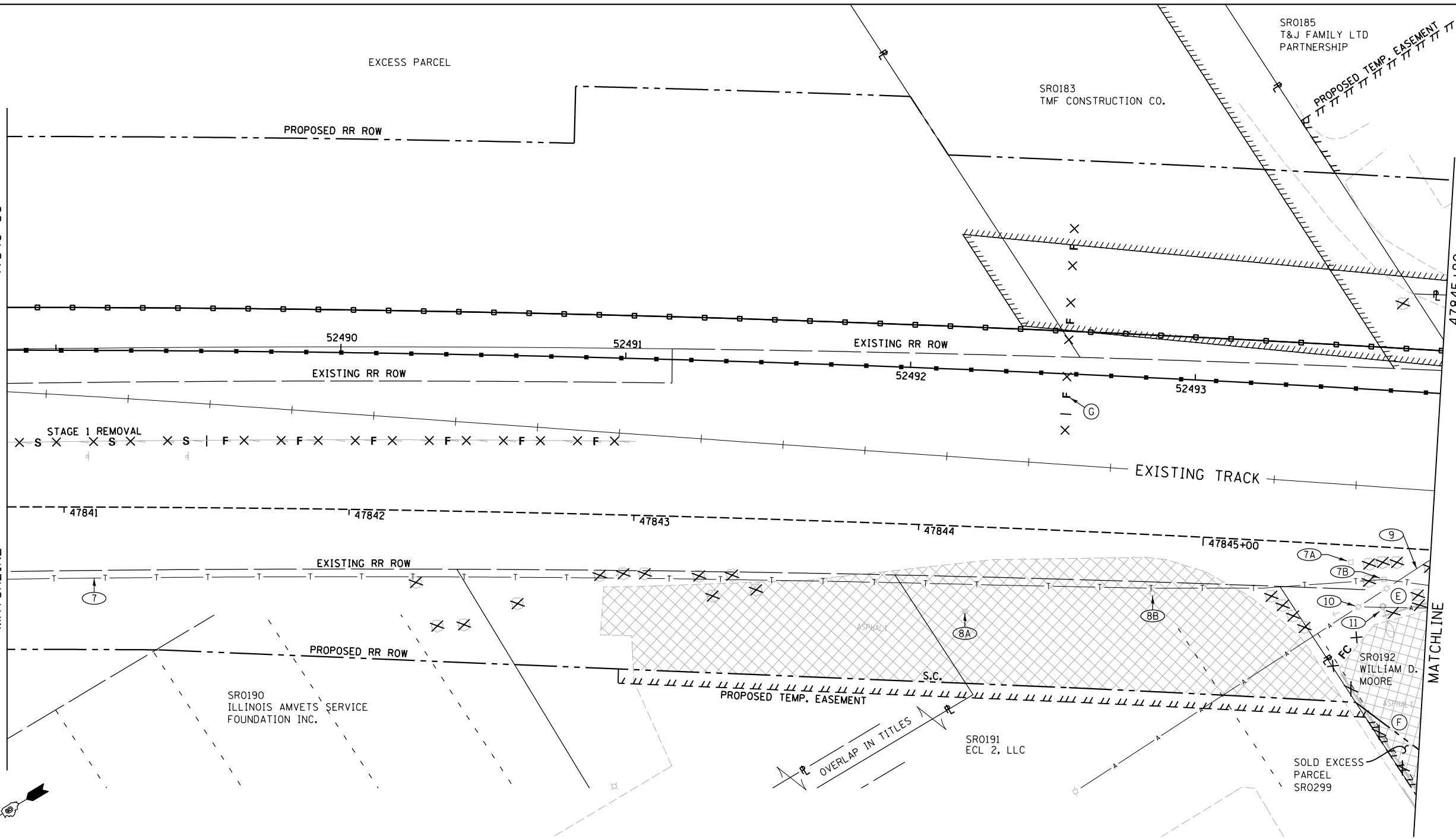
FILE NAME = D609L0179B-REMOVAL-US4-TRACK102.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLANI	PLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
	PLOT DATE = 4/10/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

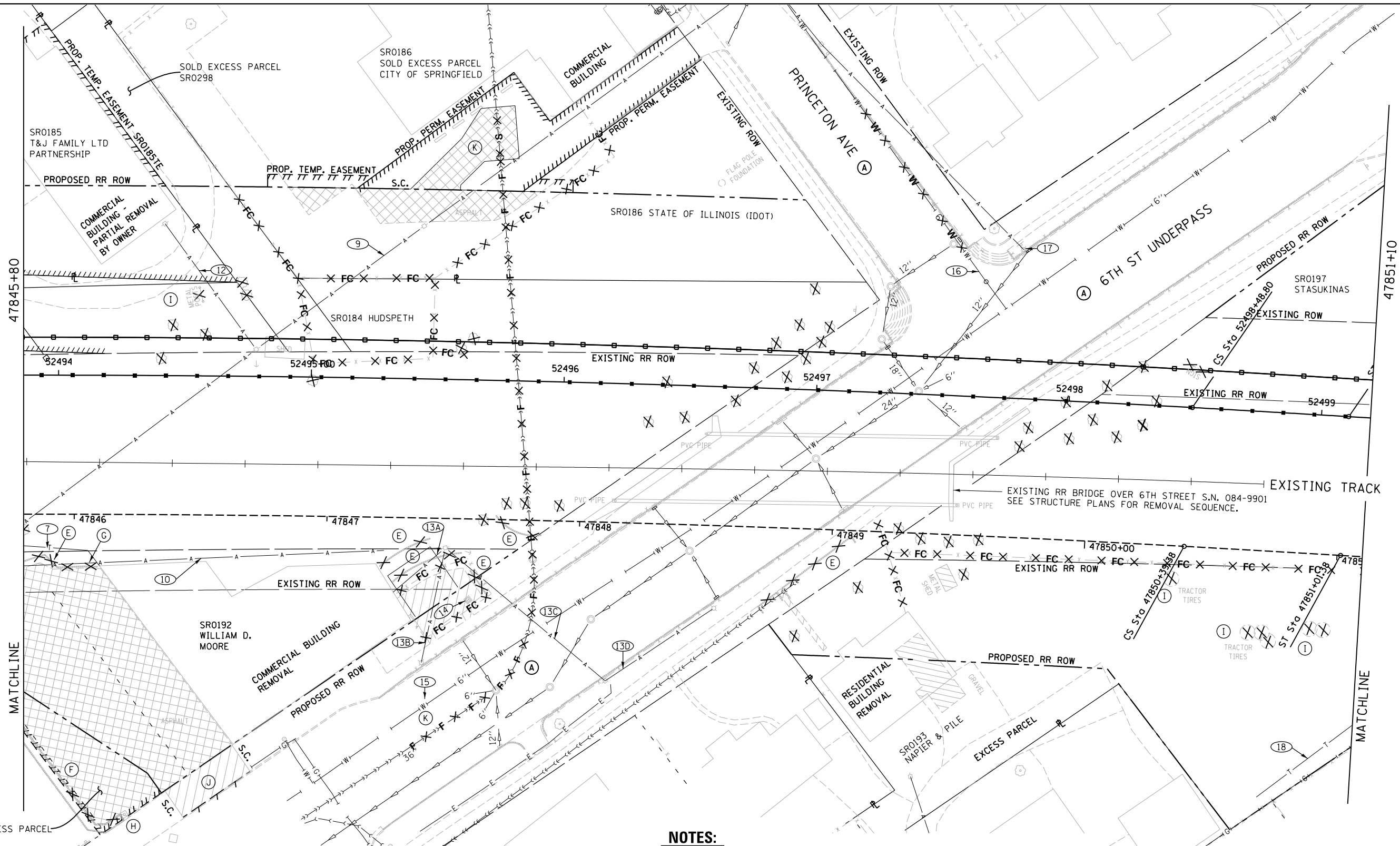
SCALE: SHEET 3 OF 11 SHEETS STA. 47840+80 TO STA. 47845+80

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				



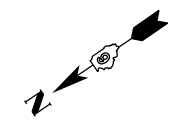


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MATCHLINE

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
 USER NAME = Pop00275
 PLOT SCALE = 40.00' / 1" / in.
 PLOT DATE = 4/10/2019

DESIGNED - GCN
 DRAWN - CLG
 CHECKED - JWM/GCN
 DATE - 03/15/2019

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

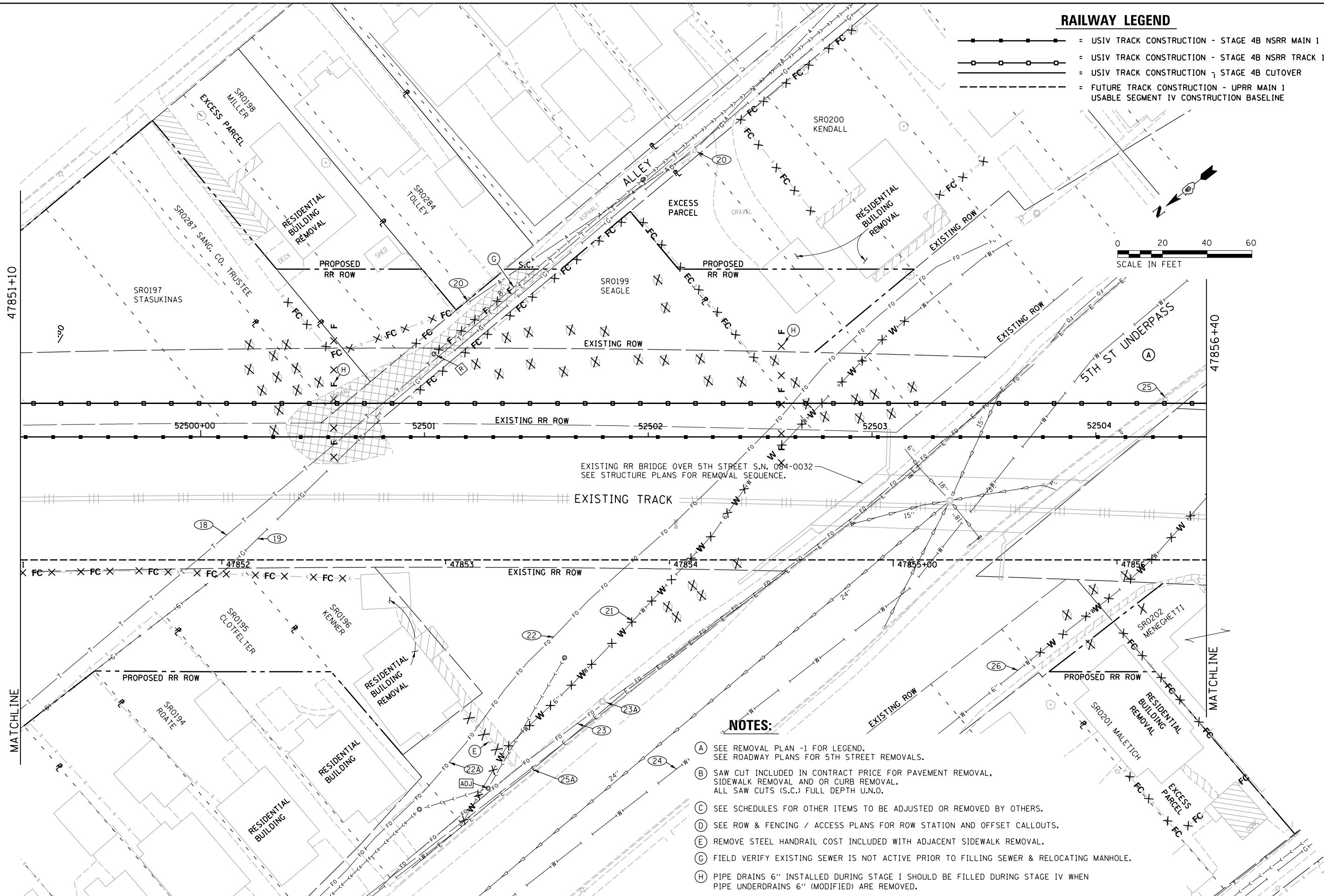
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	65
	09L0179B	CONTRACT NO.	93733	
•666 & 666 ALT. ILLINOIS FED. AID PROJECT				



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RAILWAY LEGEND

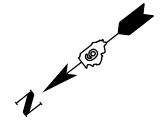
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR MAIN 1
- = USIV TRACK CONSTRUCTION - STAGE 4B NSRR TRACK 1
- = USIV TRACK CONSTRUCTION - STAGE 4B CUTOVER
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1
USABLE SEGMENT IV CONSTRUCTION BASELINE



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.

FINAL PLANI	FILE NAME = D609L0179B-REMOVAL-US4-TRACK104.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	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.
		PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	66	
	PLOT DATE = 4/11/2019	DATE - 03/15/2019	REVISED -	REVISED -	SCALE:	SHEET 5 OF 11 SHEETS	STA. 47851+10 TO STA. 47856+40	*666 & 666 ALT.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 93733	

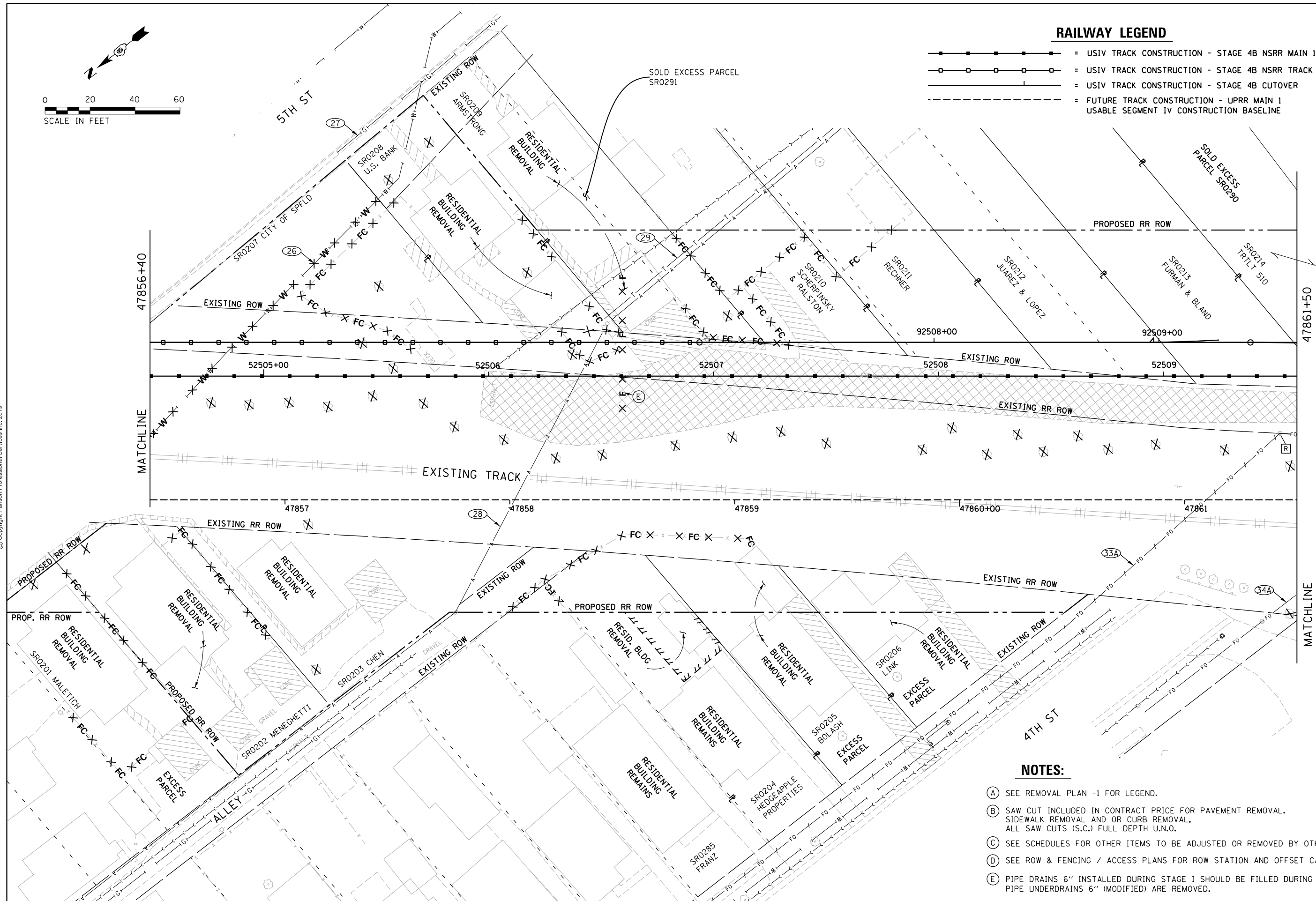


RAILWAY LEGEND

- = 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



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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) PIPE DRAINS 6" INSTALLED DURING STAGE I SHOULD BE FILLED DURING STAGE IV WHEN PIPE UNDERDRAINS 6" (MODIFIED) ARE REMOVED.

FILE NAME = D609L0179B-REMOVAL-US4-TRACK105.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLANNI	PLLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
	PLLOT DATE = 4/10/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

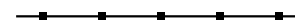



**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
REMOVAL PLAN - TRACK - 6**

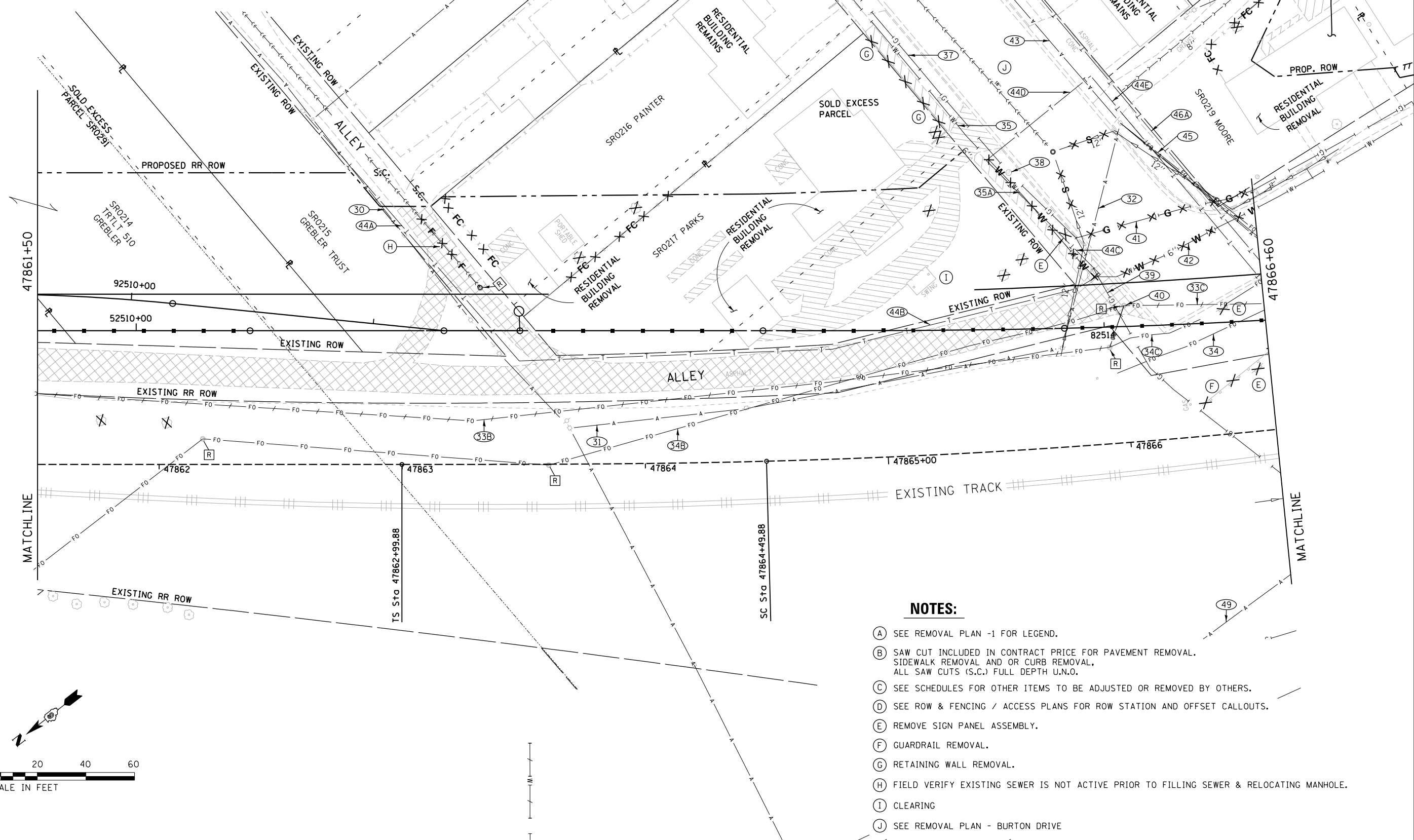
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09L0179B	(109) VB,(110) VB-5	SANGAMON	382	67
	CONTRACT NO.	93733		

SCALE: SHEET 6 OF 11 SHEETS STA. 47856+40 TO STA. 47861+50

•666 & 666 ALT. ILLINOIS FED. AID PROJECT

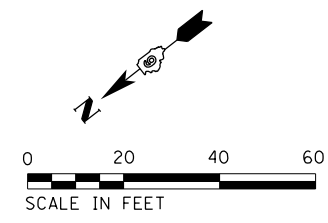
RAILWAY LEGEND

-  = 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) REMOVE SIGN PANEL ASSEMBLY.
- (F) GUARDRAIL REMOVAL.
- (G) RETAINING WALL REMOVAL.
- (H) FIELD VERIFY EXISTING SEWER IS NOT ACTIVE PRIOR TO FILLING SEWER & RELOCATING MANHOLE.
- (I) CLEARING
- (J) SEE REMOVAL PLAN - BURTON DRIVE



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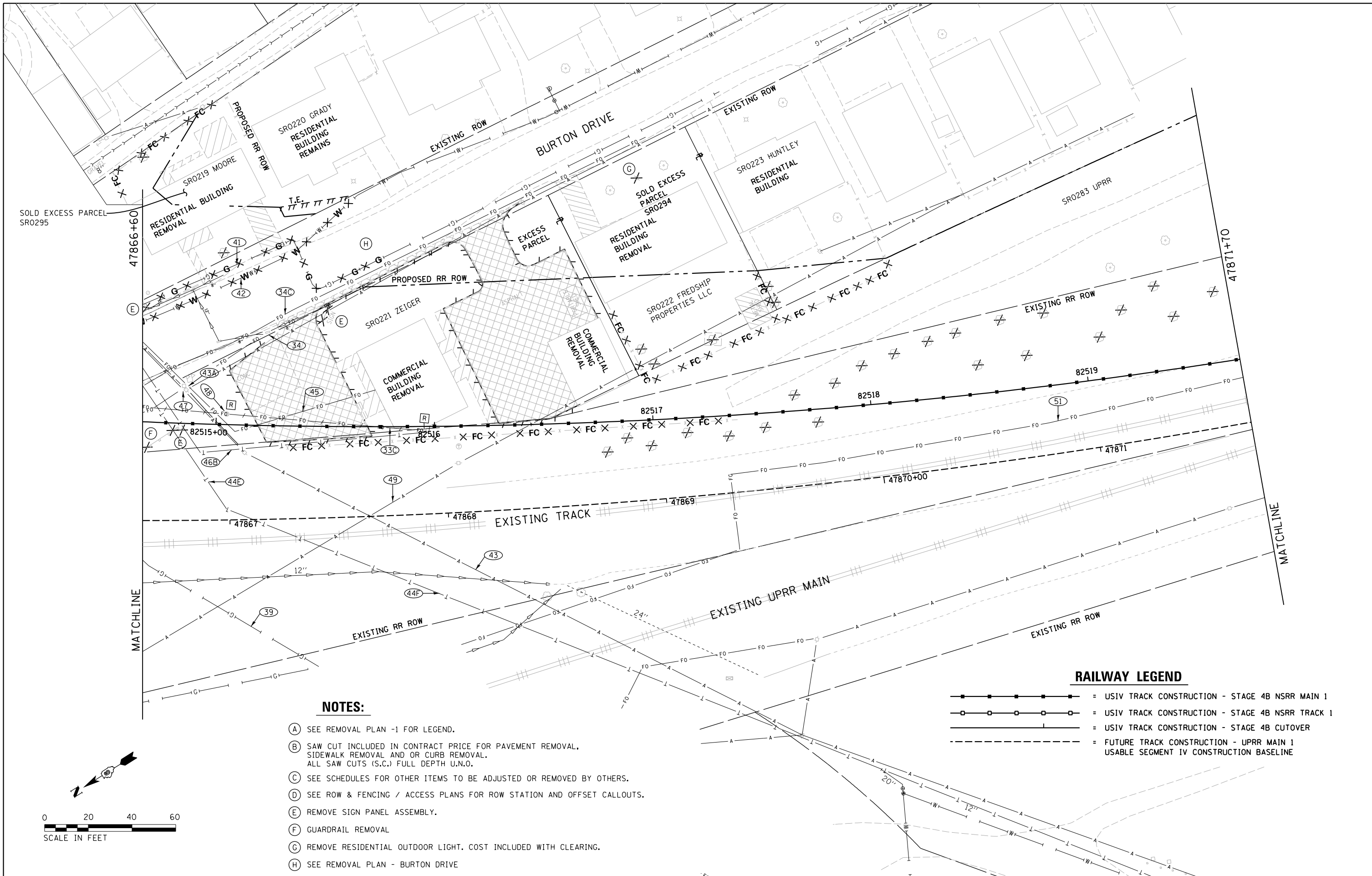
FINAL

FILE NAME = D609L0179B-REMOVAL-US4-TRACK106.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS REMOVAL PLAN - TRACK - 7	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	68	
PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -				09L0179B	CONTRACT NO. 93733			
						666 & 666 ALT.	ILLINOIS FED. AID PROJECT			

SCALE: SHEET 7 OF 11 SHEETS STA. 47861+50 TO STA. 47866+60



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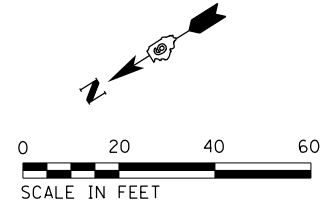


NOTES:

- (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 -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS REMOVAL PLAN - TRACK - 8		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLANI	PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -		SCALE:	SHEET 8 OF 11 SHEETS	STA. 47866+60 TO STA. 47871+70	(109) VB,(110) VB-5 09L0179B	SANGAMON	382	69
	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -					CONTRACT NO. 93733	ILLINOIS FED. AID PROJECT			

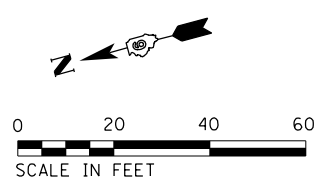
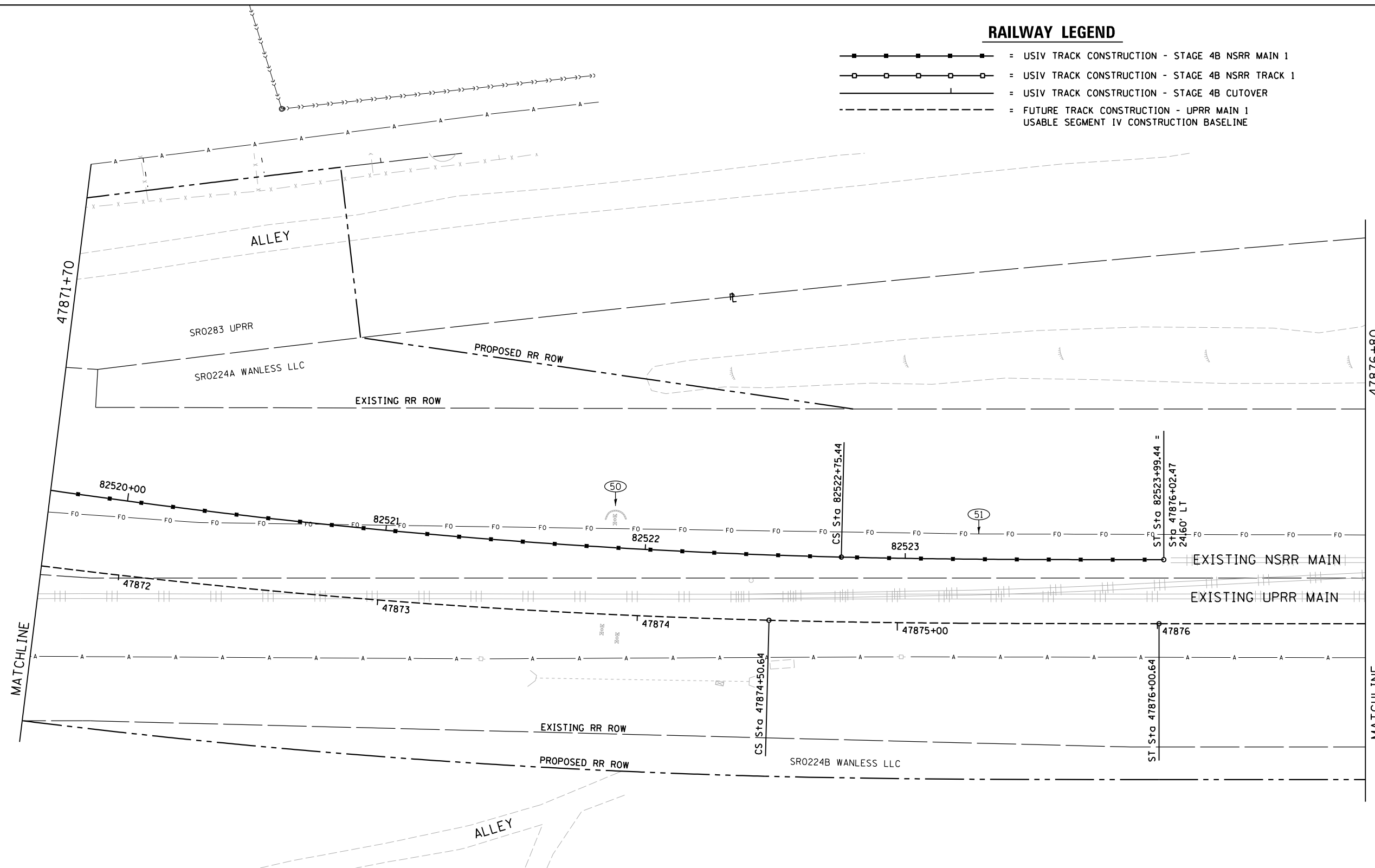


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RAILWAY LEGEND

- = 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
 Δ = 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 = 4/10/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

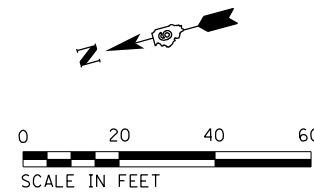
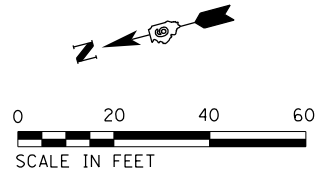
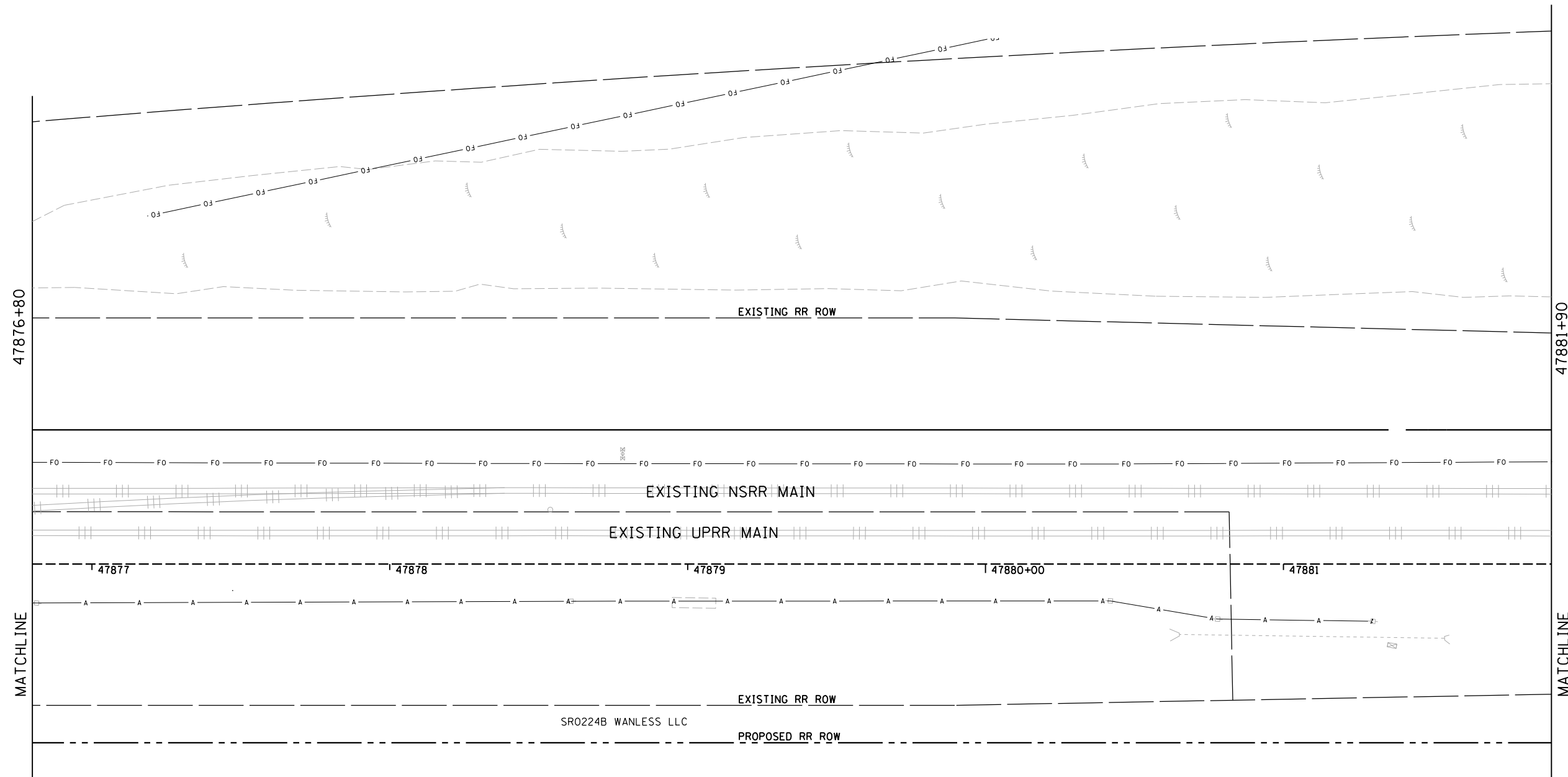
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	70
	09L0179B		CONTRACT NO.	93733

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

•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 -
		DRAWN - CLG	REVISED -
PLANT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -	REVISED -
PLANT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

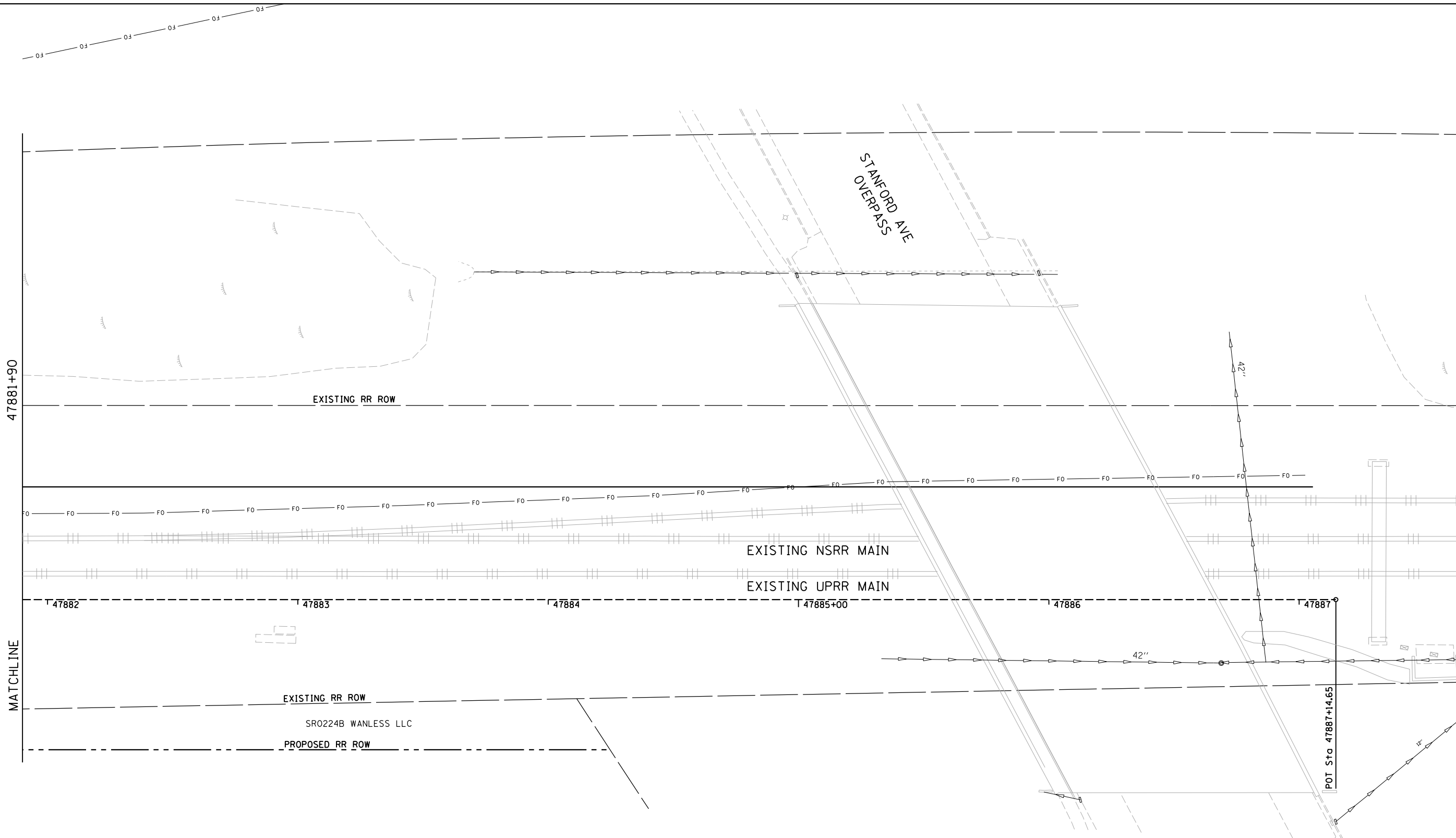
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
REMOVAL PLAN - TRACK - 10**

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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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 -
PLANNING	PLLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
	PLLOT DATE = 4/10/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
REMOVAL PLAN - TRACK - 11**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(109) VB,(110) VB-5	SANGAMON	382	72
	09L0179B	CONTRACT NO.	93733	

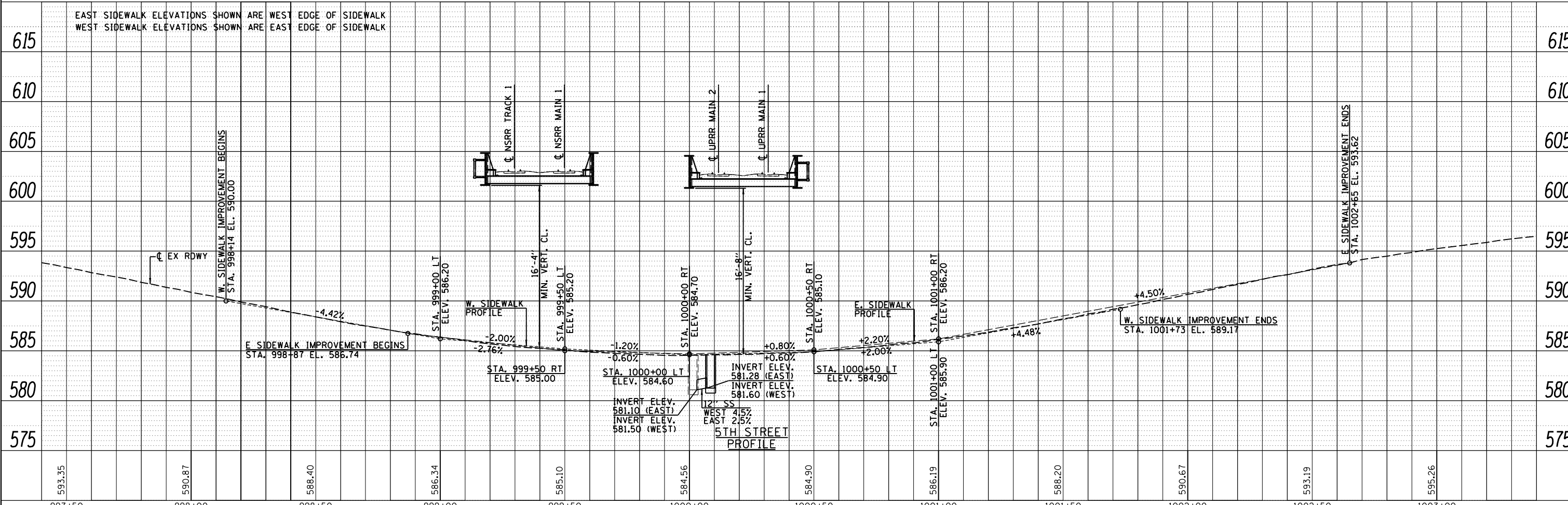
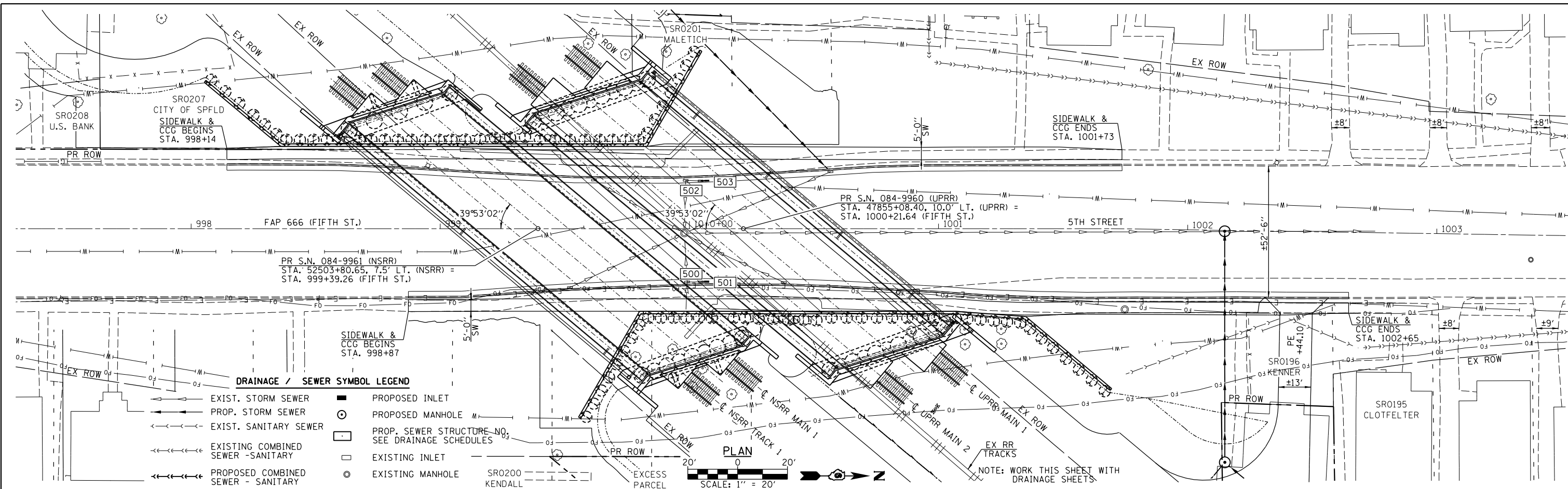
SCALE: SHEET 11 OF 11 SHEETS STA. 47881+90 TO STA. 47887+14.65

•666 & 666 ALT. ILLINOIS FED. AID PROJECT

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILED
	NO. _____
	DATE _____

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NO. _____
	DATE _____

DESIGNED	
DRAWN	
FILED	



997+50	998+00	998+50	999+00	999+50	1000+00	1000+50	1001+00	1001+50	1002+00	1002+50	1003+00
593.35	590.87	588.40	586.34	585.10	584.56	584.90	586.19	588.20	590.67	593.19	595.26

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

USER NAME = Pop00275	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISD -

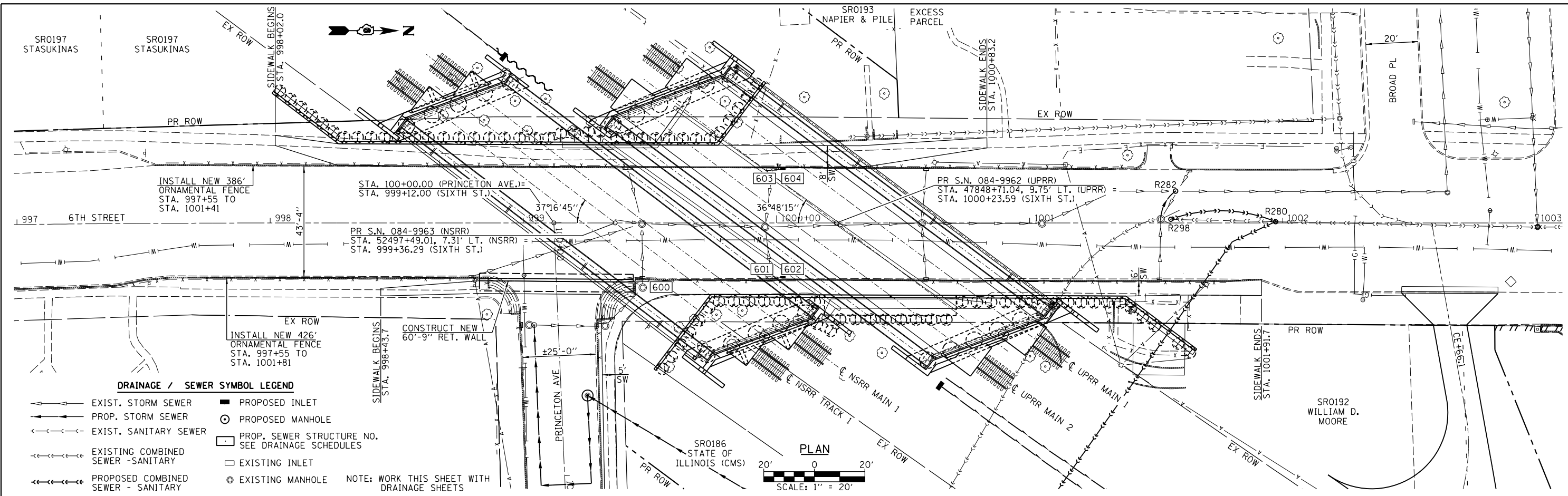
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 PLAN & PROFILE - 5TH STREET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	73
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

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

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	



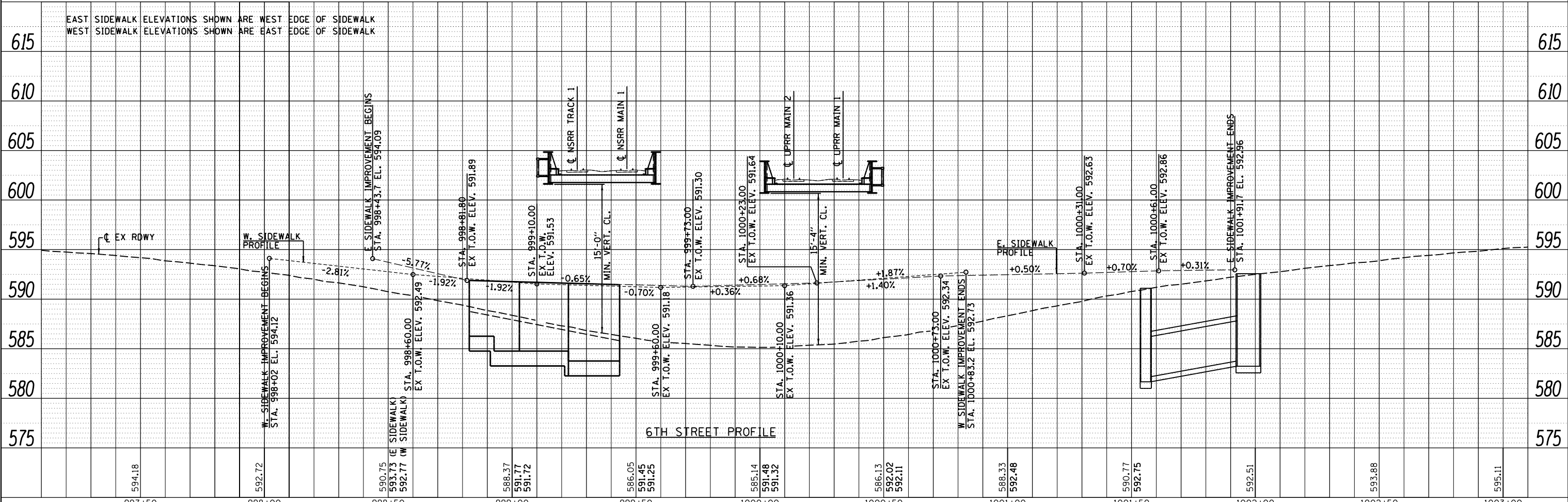
DRAINAGE / SEWER SYMBOL LEGEND

- 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



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



6TH STREET PROFILE

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	593.73 592.77	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

DESIGNED	USER NAME = Pop00275	DESIGNED	-	REVISED	-
DRAWN		DRAWN	-	REVISED	-
CHECKED	PLOT SCALE = 48.0000' / in.	CHECKED	-	REVISED	-
DATE	PLOT DATE = 4/10/2019	DATE	-	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	

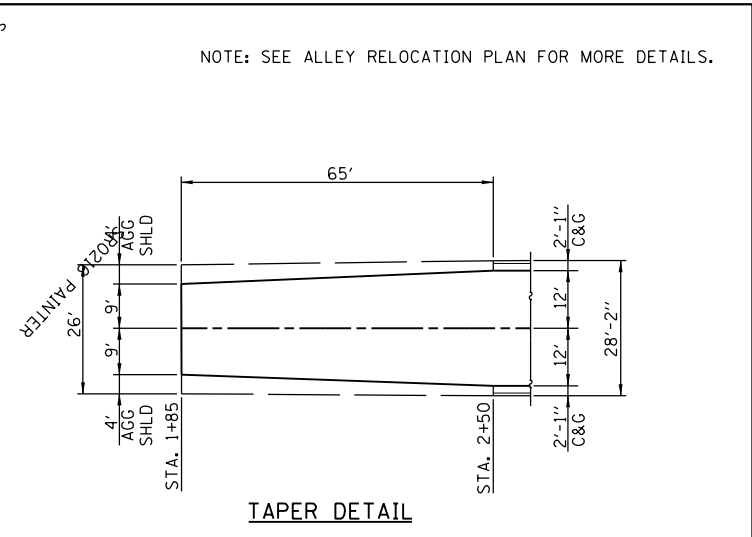
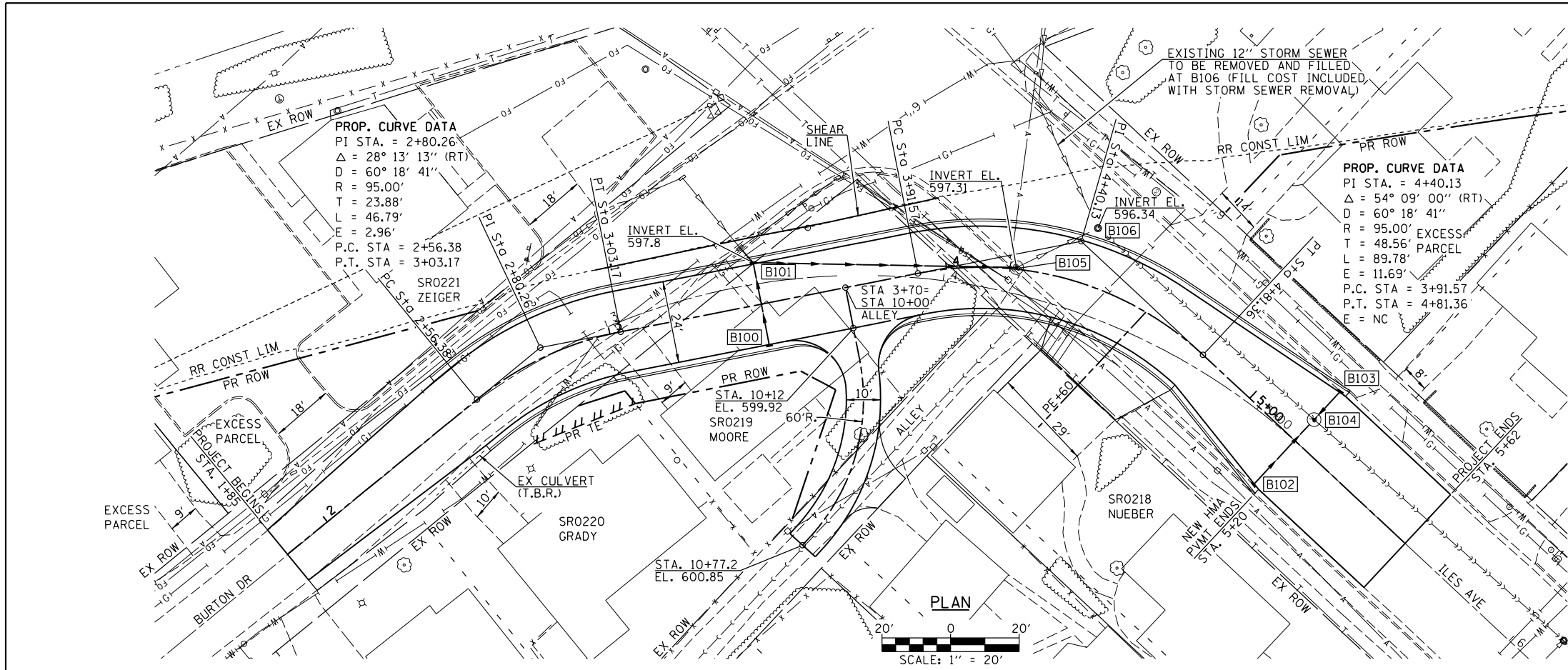
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

•666 & 666 ALT. ILLINOIS FED. AID PROJECT

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	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	FILE NAME	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
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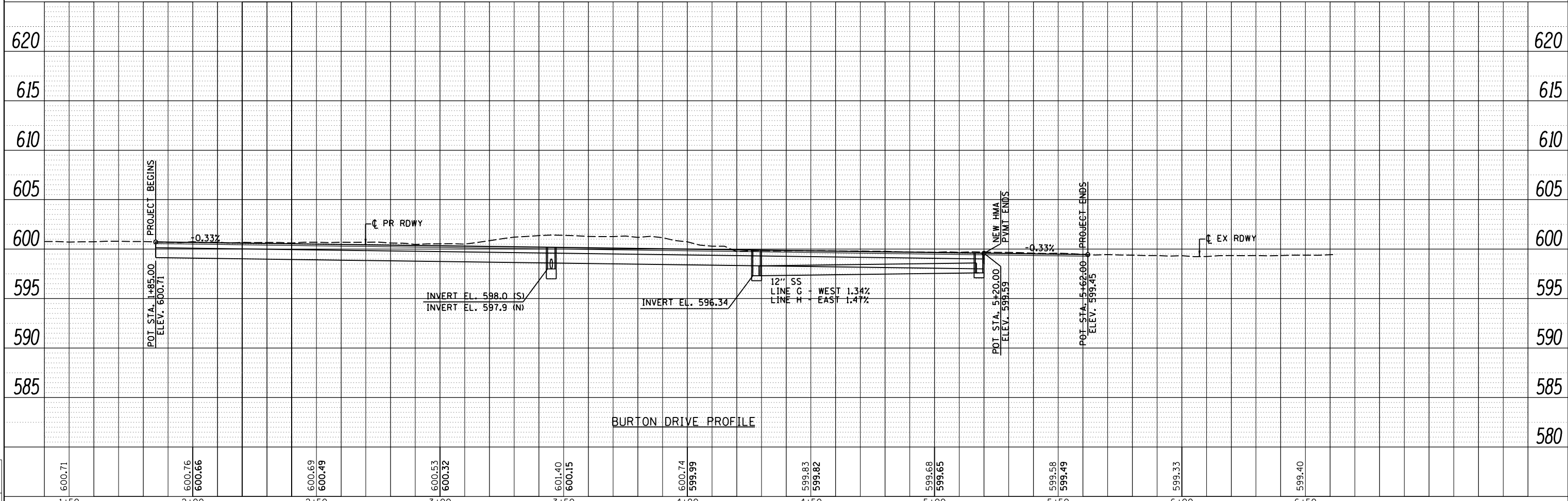
DESIGNED	DATE
DRAWN	
FILED	



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

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

USER NAME = Pop00275	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

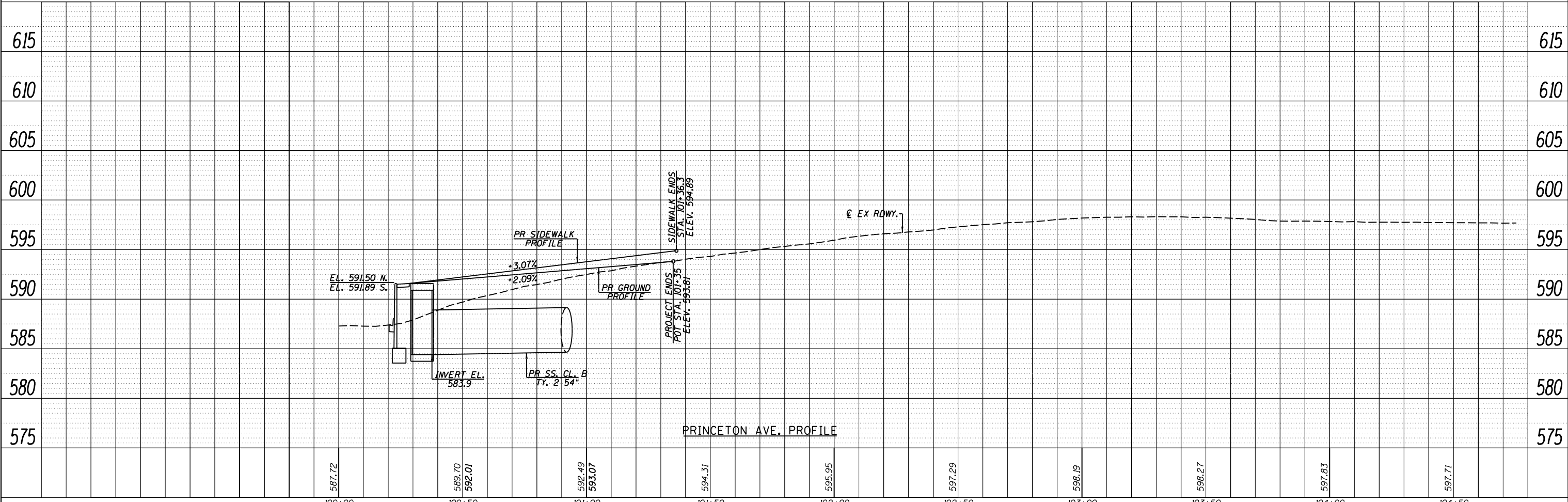
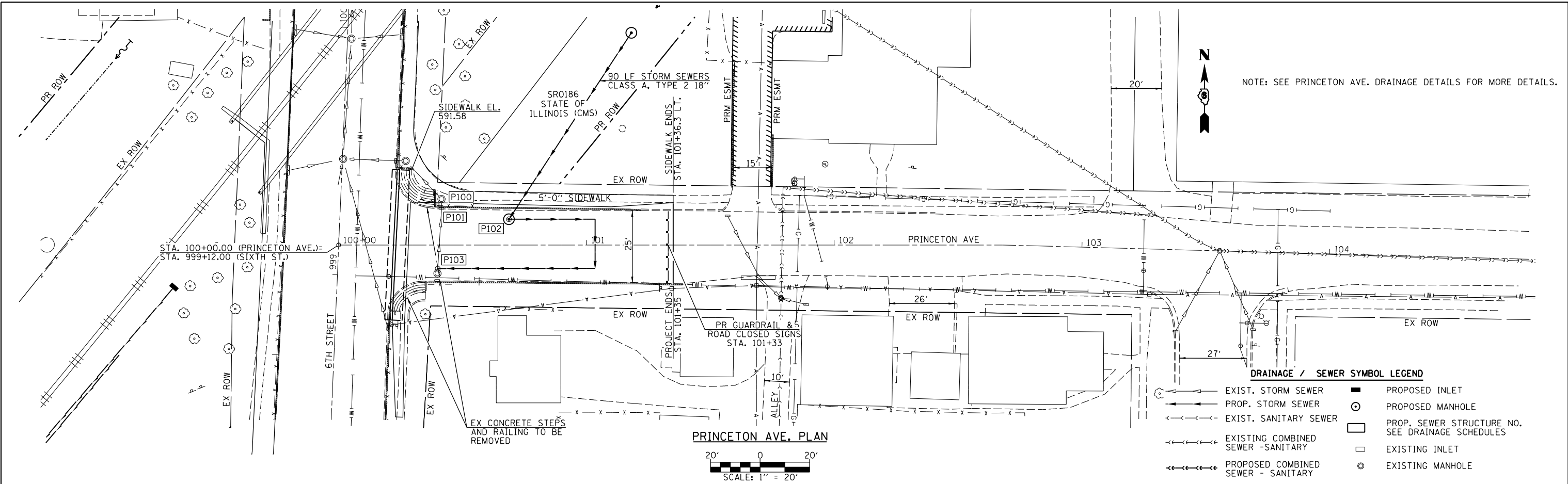
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 PLAN & PROFILE - BURTON DRIVE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	75
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	

DESIGNED	
DRAWN	
FILED	



100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00	104+50
587.72	589.70 592.01	592.49 593.07	594.31	595.95	597.29	598.19	598.27	597.83	597.71

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

USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/10/2019	CHECKED -	REVISED -
	DATE - 03/15/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN & PROFILE - PRINCETON AVE.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
(109) VB,(110) VB-5	09L0179B	SANGAMON	382	76
•666 & 666 ALT.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 93733	

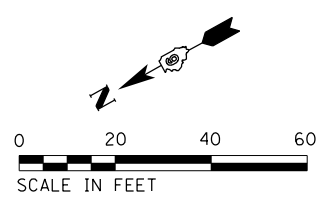
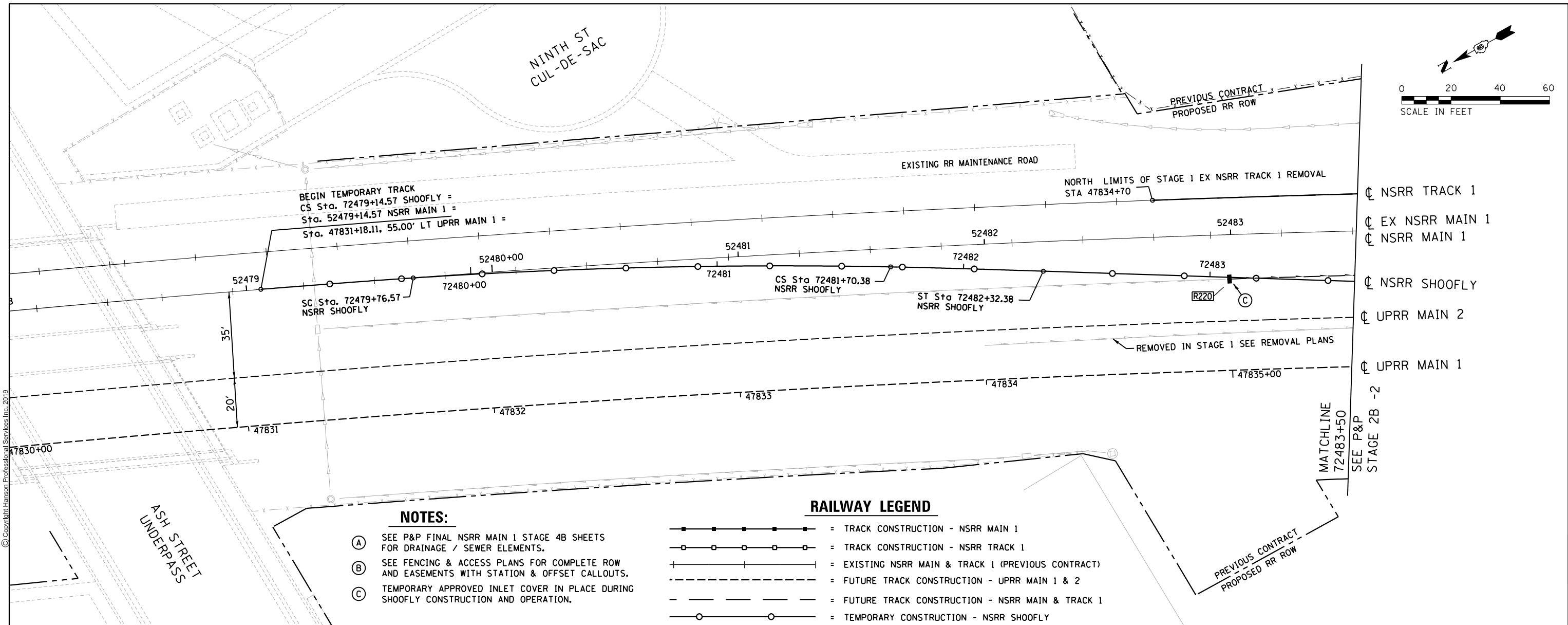
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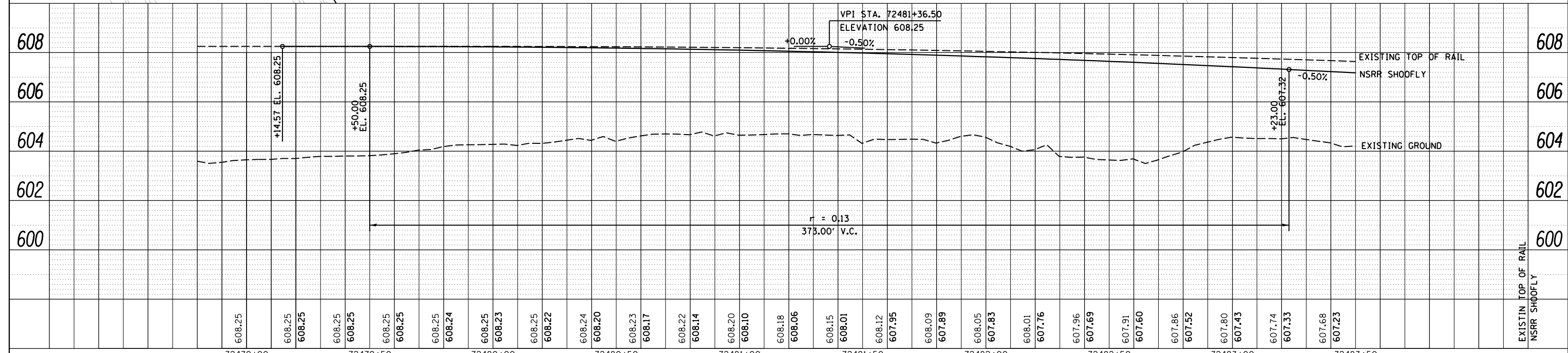
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FILE NAME =	USER NAME =	DESIGNED -	REVISED -
D609L0179B-PP-US4-TRACK-SH001.dgn	Pop00275	GCN	
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		CLG	
		CHECKED -	REVISED -
		JWM/GCN	
		DATE -	REVISED -
		03/15/2019	

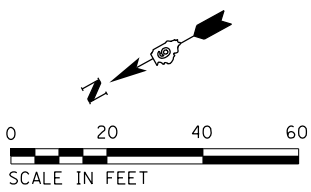


- NOTES:**
- (A) SEE P&P FINAL NSRR MAIN 1 STAGE 4B SHEETS FOR DRAINAGE / SEWER ELEMENTS.
 - (B) SEE FENCING & ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
 - (C) TEMPORARY APPROVED INLET COVER IN PLACE DURING SHOOFLY CONSTRUCTION AND OPERATION.

- RAILWAY LEGEND**
- [Solid line with cross-ticks] = TRACK CONSTRUCTION - NSRR MAIN 1
 - [Dashed line with cross-ticks] = TRACK CONSTRUCTION - NSRR TRACK 1
 - [Solid line with vertical ticks] = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
 - [Dashed line with vertical ticks] = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
 - [Solid line with horizontal ticks] = FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1
 - [Dashed line with circles] = TEMPORARY CONSTRUCTION - NSRR SHOOFLY



FINAL	FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - SHOOFLY /STAGE 2B - 1			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLANI	D609L0179B-PP-US4-TRACK-SH001.dgn	Pop00275	GCN			SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.	(109) VB,(110) VB-5					
	PLOT SCALE = 48.00' / in.	CHECKED -	REVISED -			09L0179B	CONTRACT NO.	93733					
	PLOT DATE = 4/10/2019	DATE -	REVISED -			•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.

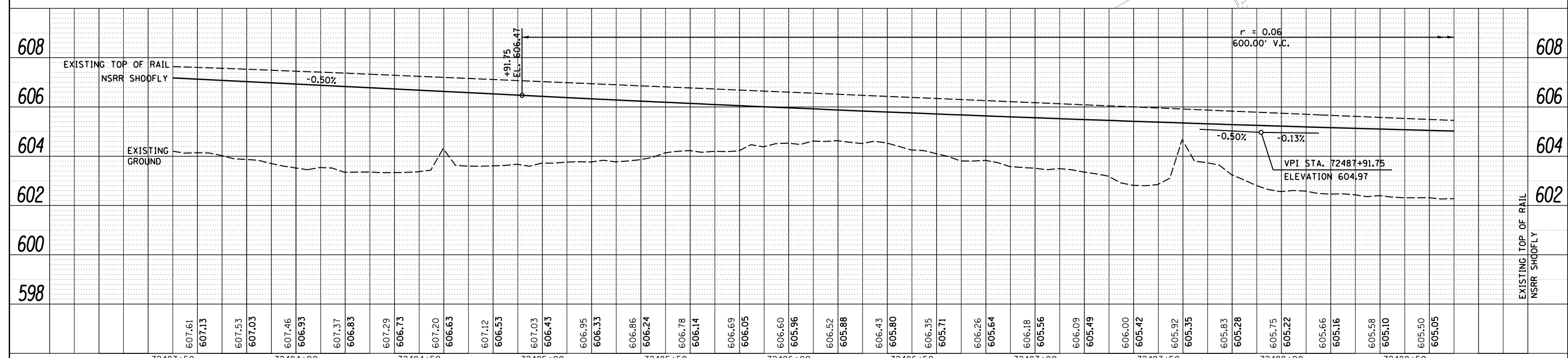
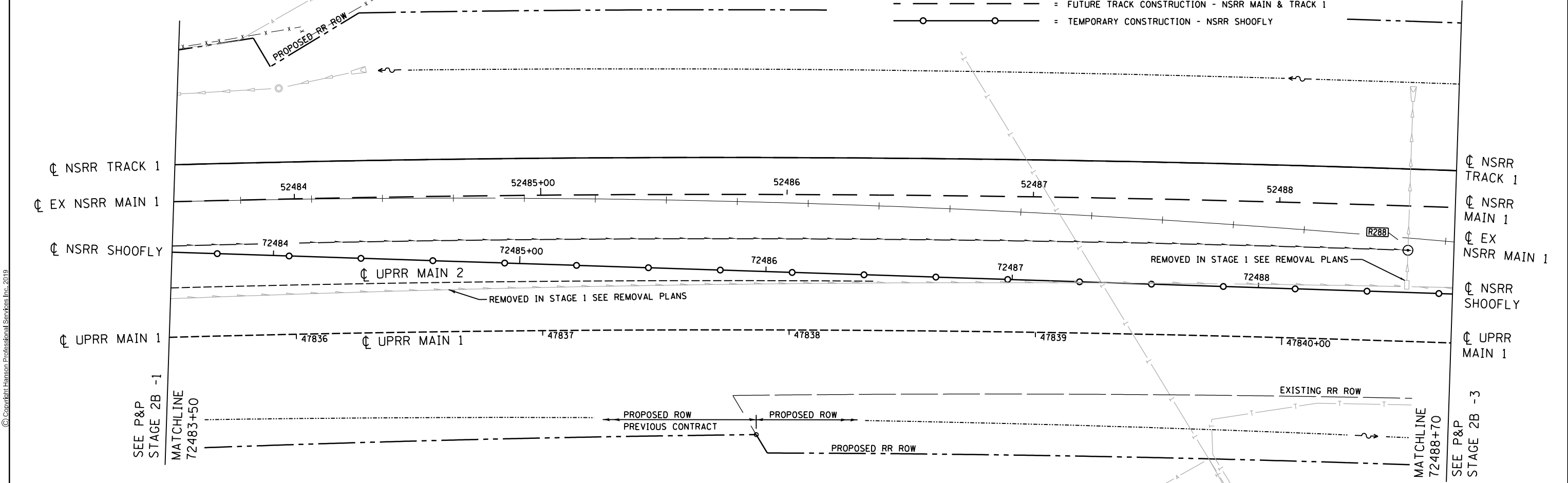
RAILWAY LEGEND

- = 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 - NSRR SHOOFLY

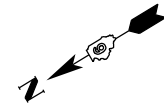
DATE	
BY	
PLAN	SUBMITTED
NOTE BOOK NO.	PLOTTED
	ALIGNMENT CHECKED
	FILE NAME



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 -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - SHOOFLY /STAGE 2B - 2			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLANT	PLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -		SCALE:	SHEET 2 OF 3 SHEETS	STA.	TO STA.	(109) VB,(110) VB-5	SANGAMON	382	78
	PLOT DATE = 4/11/2019	DATE - 03/15/2019	REVISED -						09L0179B	CONTRACT NO.	93733	
									*666 & 666 ALT.	ILLINOIS FED. AID PROJECT		



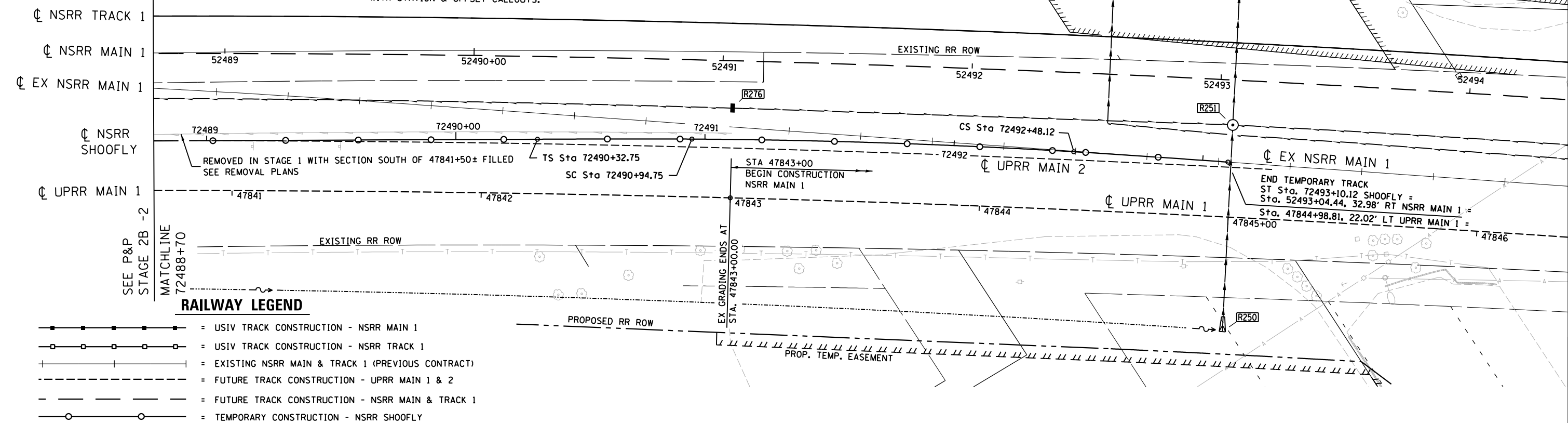
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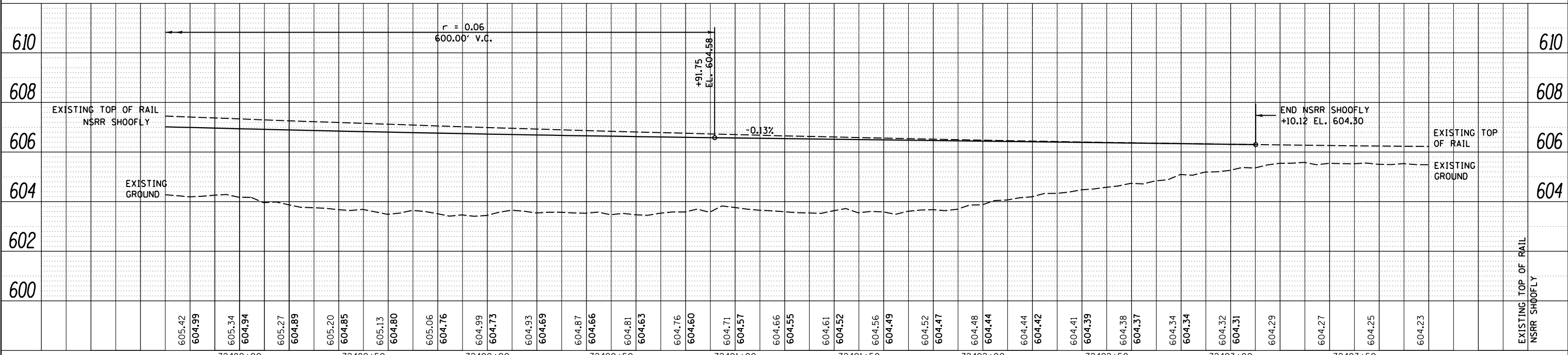
NOTES:

- (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

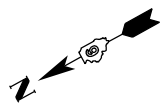
- [Symbol] = USIV TRACK CONSTRUCTION - NSRR MAIN 1
- [Symbol] = USIV TRACK CONSTRUCTION - NSRR TRACK 1
- [Symbol] = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
- [Symbol] = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- [Symbol] = FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1
- [Symbol] = TEMPORARY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



FILE NAME = D609L0179B-PP-US4-TRACK-SH003.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - SHOOFLY /STAGE 2B - 3	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	79	
PLANI	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -			09L0179B	CONTRACT NO.	93733		
						• 666 & 666 ALT.	ILLINOIS FED. AID PROJECT			

FINAL

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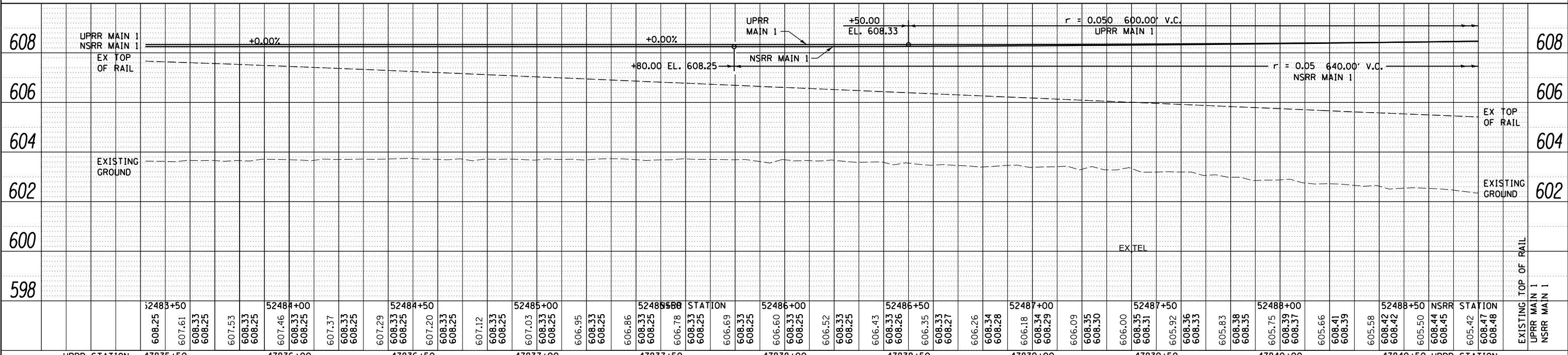
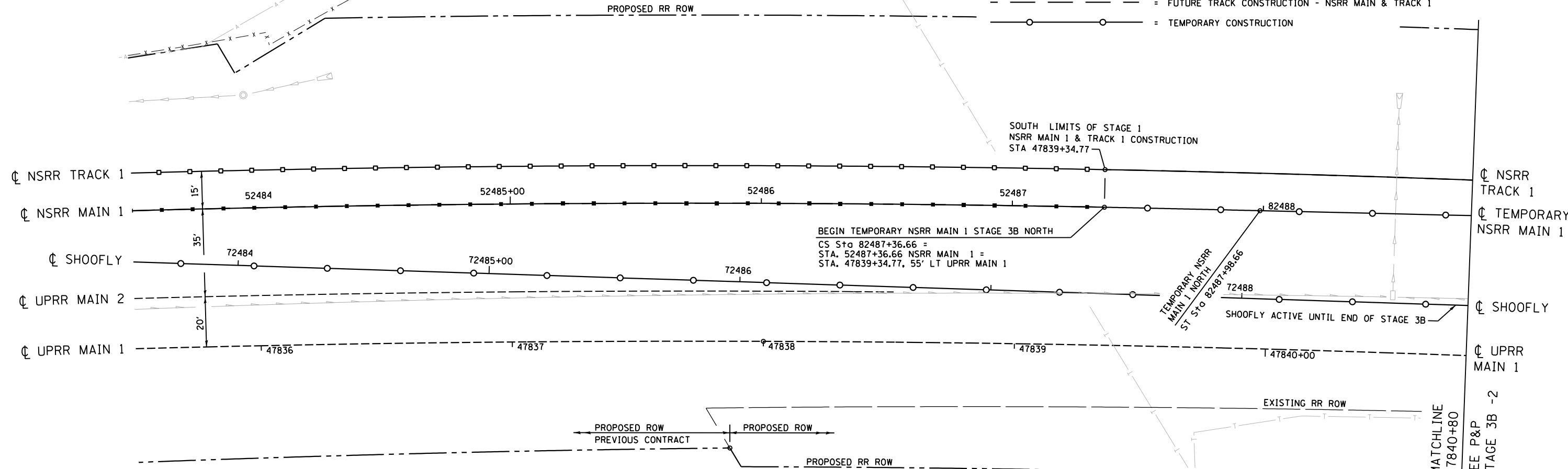


NOTES:

- (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

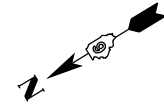


PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
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	FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS	

FILE NAME = D609L0179B-PP-US4-TRACK-01.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN & PROFILE - TEMPORARY NSRR MAIN 1 STAGE 3B - 1	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TEMP NORTH PLAN	PLOT SCALE = 48.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB(110) VB-5	SANGAMON	382	80	
	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -			09L0179B	CONTRACT NO. 93733			
						SCALE: SHEET 1 OF 5 SHEETS	STA. TO STA.	666 & 666 ALT.	ILLINOIS FED. AID PROJECT	



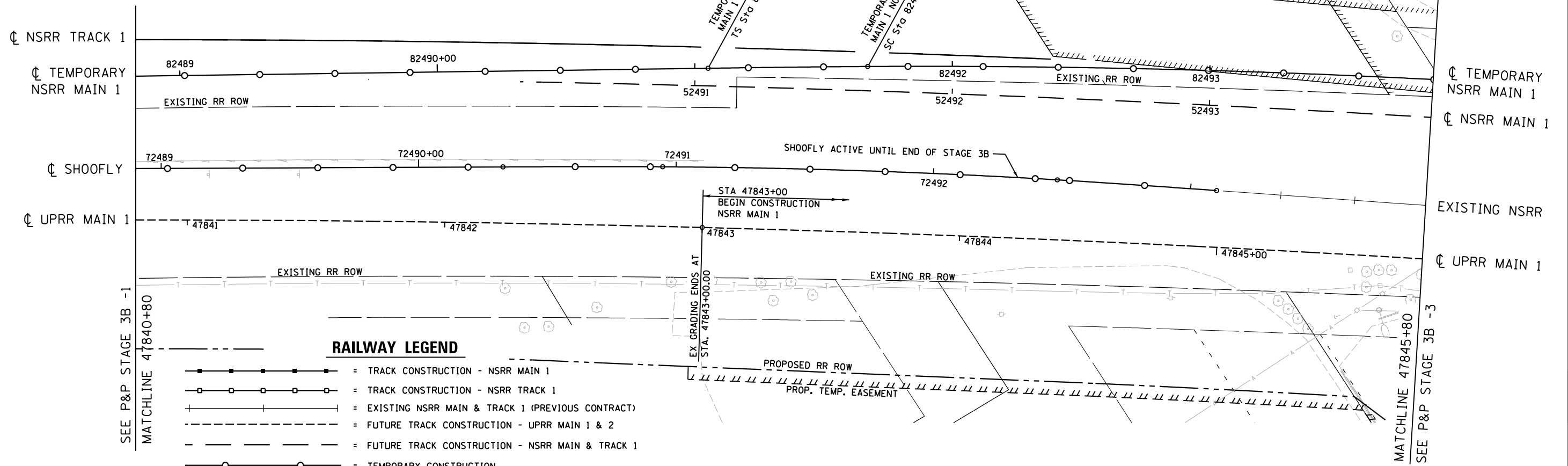
- NOTES:**
- (A) SEE P&P FINAL NSRR MAIN 1 STAGE 4B SHEETS FOR DRAINAGE / SEWER ELEMENTS.
 - (B) SEE FENCING & ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

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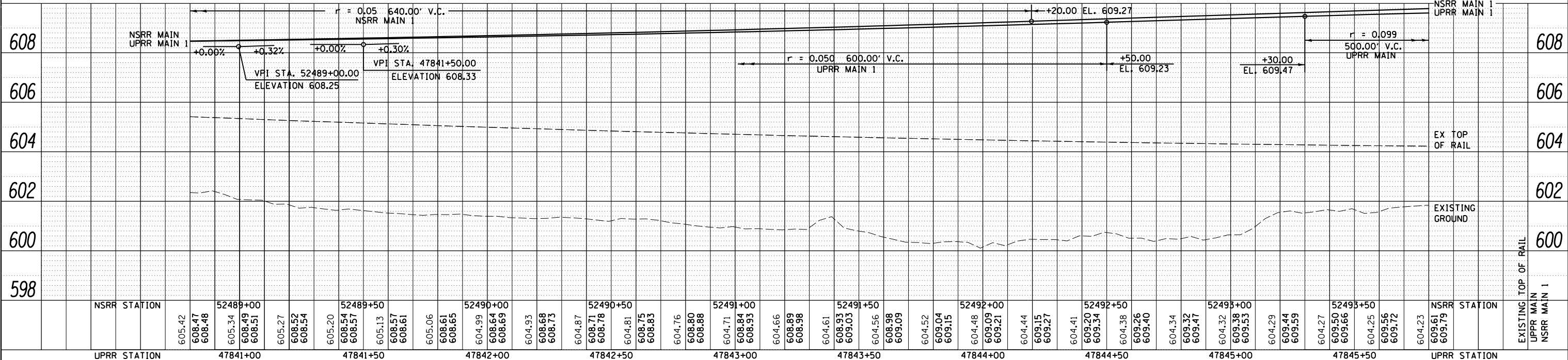
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RAILWAY LEGEND

	= 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



FILE NAME = D609L0179B-PP-US4-TRACK-02.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN & PROFILE - TEMPORARY NSRR MAIN 1 STAGE 3B - 2			F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
TEMP NORTH PLAN2	PLOT SCALE = 48.00' / in.	CHECKED - JWM/GCN	REVISED -		SCALE:	SHEET 2 OF 5 SHEETS	STA.	TO STA.	(109) VB,(110) VB-5	SANGAMON	382	81	
	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -						09L0179B	CONTRACT NO.	93733		
									*666 & 666 ALT.	ILLINOIS FED. AID PROJECT			



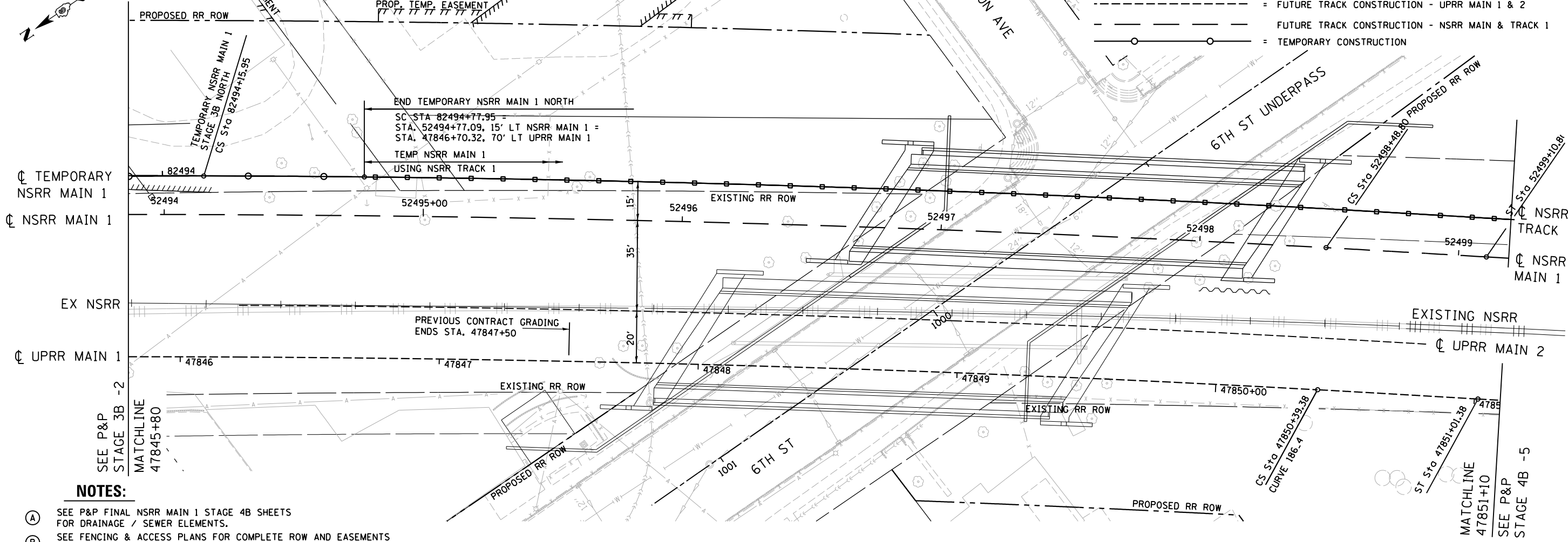
RAILWAY LEGEND

- = 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
- = TEMPORARY CONSTRUCTION

DATE	
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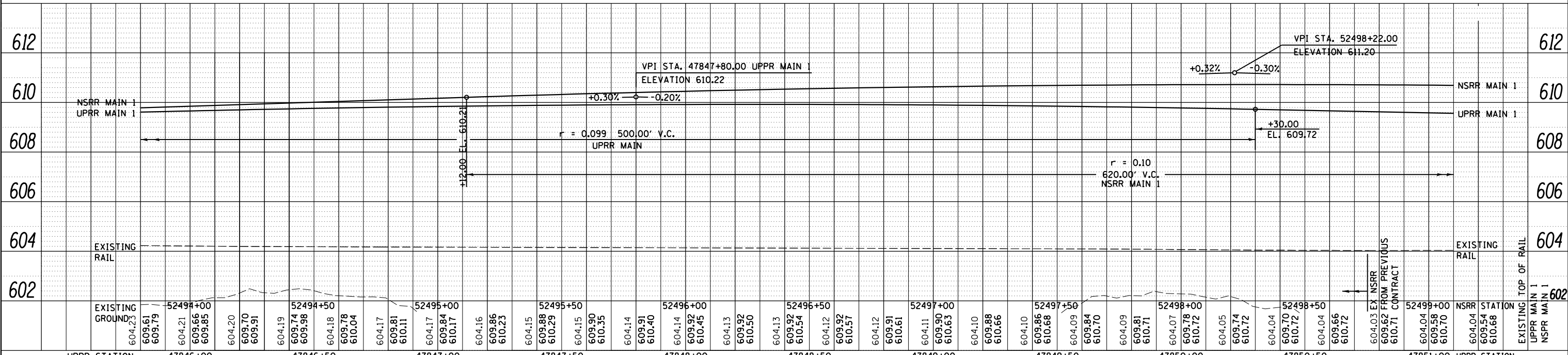


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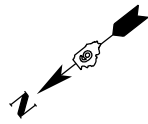


NOTES:

- (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.



FILE NAME = D609L0179B-PP-US4-TRACK-03.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN & PROFILE - TEMPORARY NSRR MAIN 1 STAGE 3B - 3	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TEMP NORTH PLAN3	PLOT SCALE = 48.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	82	
NSRR STATION	PLOT DATE = 4/10/2019	DATE - 03/15/2019	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.

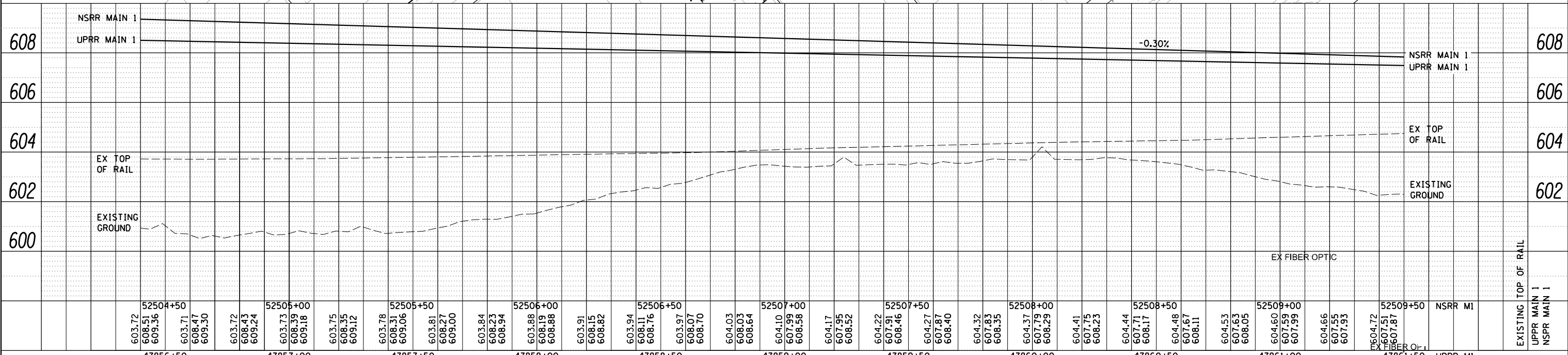
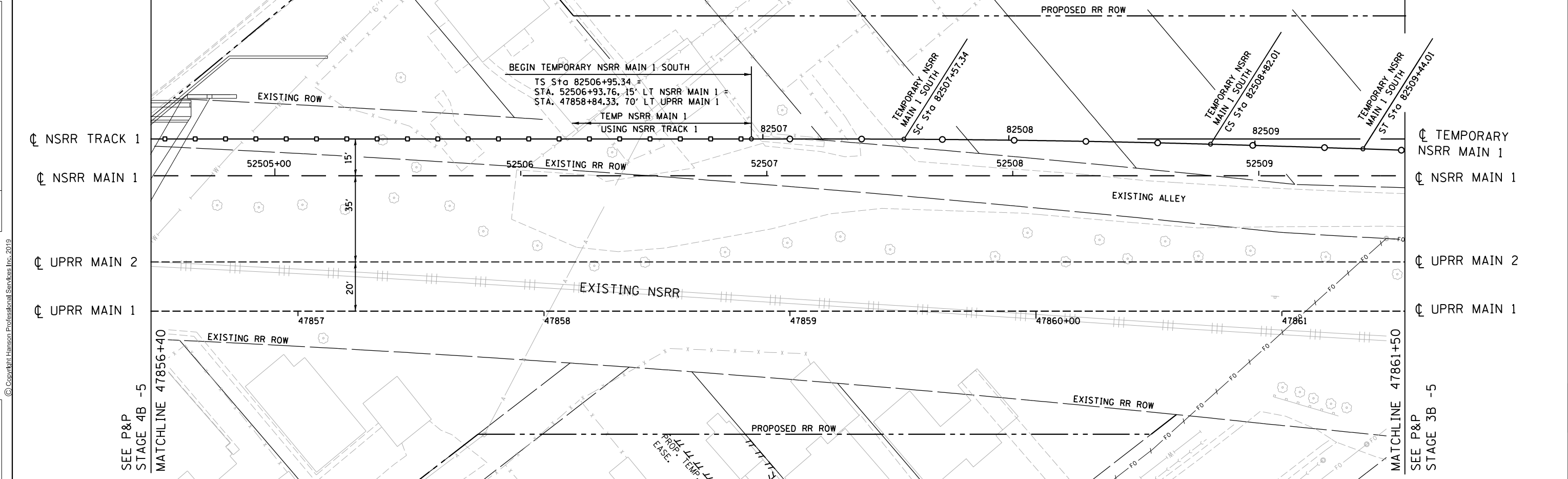
RAILWAY LEGEND

- = 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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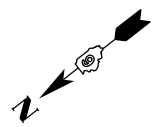
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FILE NAME =	USER NAME =	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN & PROFILE - TEMPORARY NSRR MAIN 1 STAGE 3B - 4</p>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D609L0179B-PP-US4-TRACK-05.dgn	Pop00275	DRAWN -	REVISED -		(109) VB,(110) VB-5	SANGAMON	382	83	
TEMP SOUTH PLAN1		CHECKED -	REVISED -		09L0179B				
		DATE -	REVISED -		CONTRACT NO.			93733	

FINAL

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA. *666 & 666 ALT. ILLINOIS FED. AID PROJECT

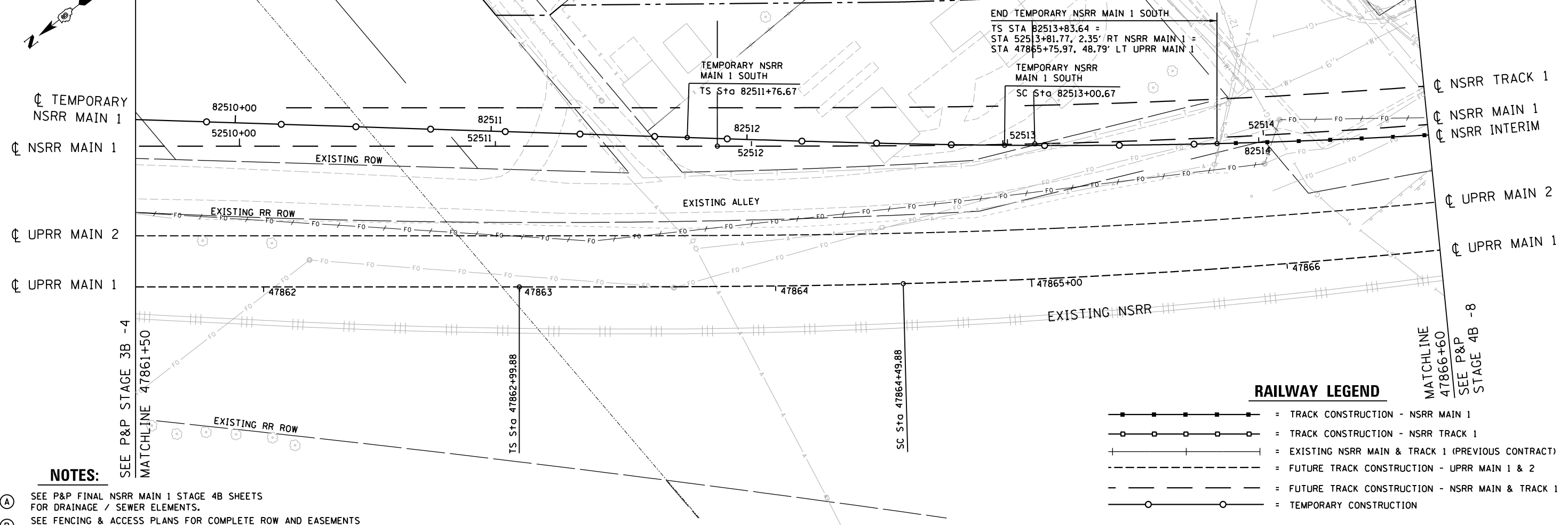


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RAILWAY LEGEND

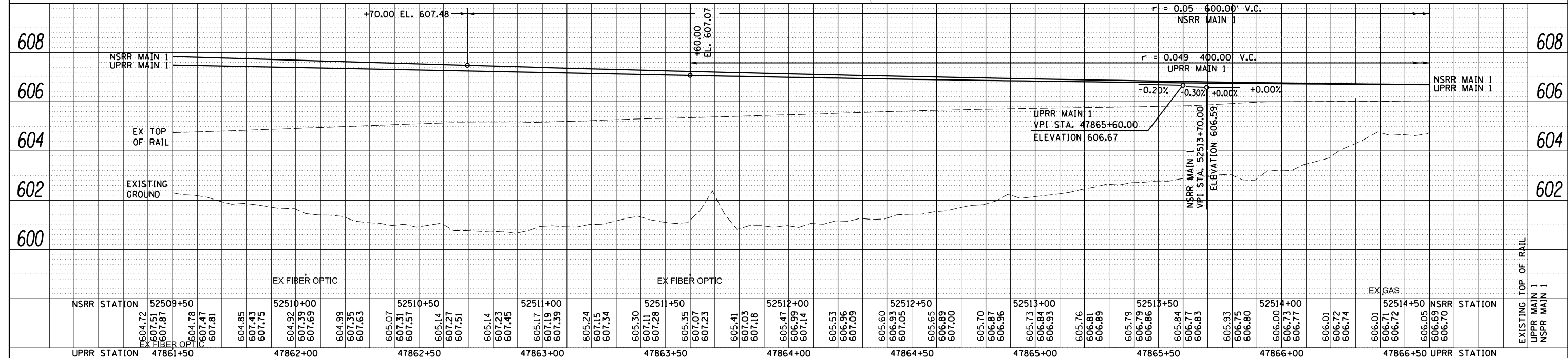
- = TRACK CONSTRUCTION - NSRR MAIN 1
- = TRACK CONSTRUCTION - NSRR TRACK 1
- +—+—+—+—+— = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
- - - - - = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- · · · · · = FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1
- = TEMPORARY CONSTRUCTION

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.

SEE P&P STAGE 3B - 4
MATCHLINE 47861+50

MATCHLINE 47866+60
SEE P&P STAGE 4B - 8



FILE NAME = D609L0179B-PP-US4-TRACK-06.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN & PROFILE - TEMPORARY NSRR MAIN 1 STAGE 3B - 5	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TEMP SOUTH PLAN2	PLOT SCALE = 48.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	84	
	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -			09L0179B				
						CONTRACT NO. 93733				

FINAL

SCALE: SHEET 5 OF 5 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

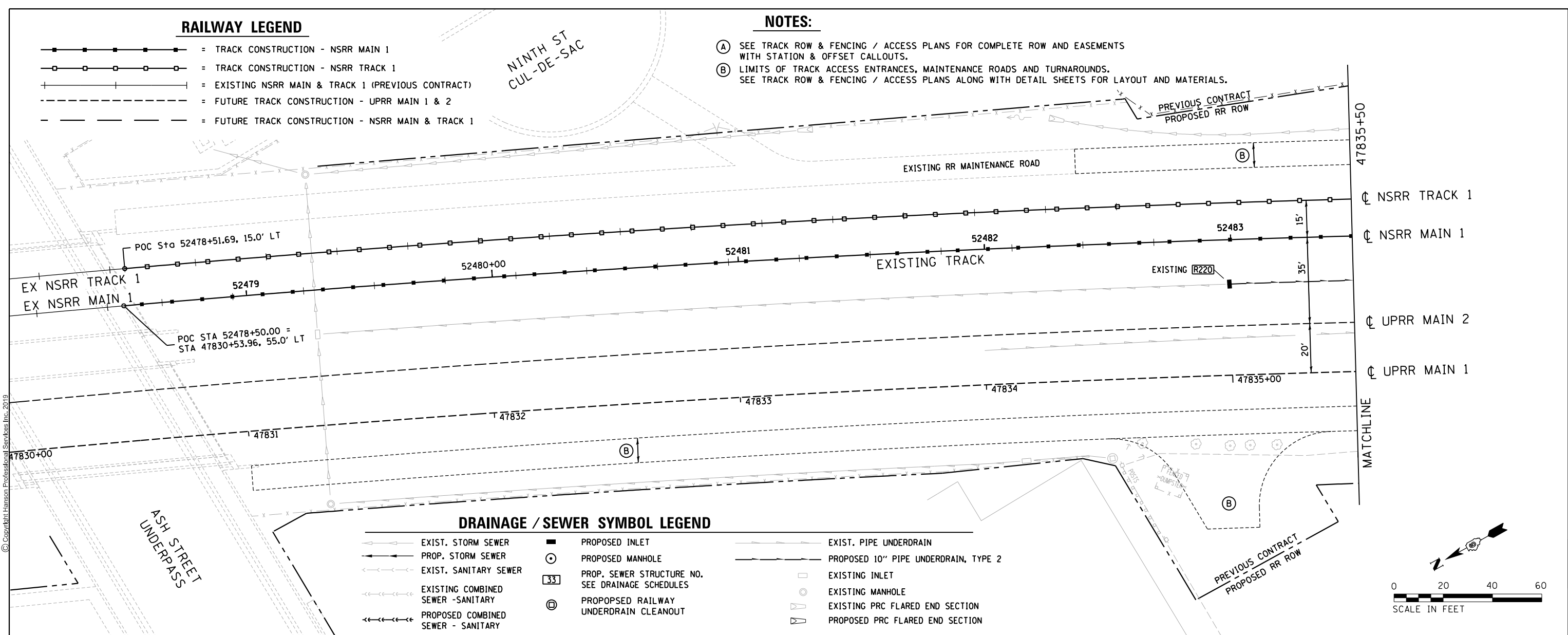
NOTES:

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

PLAN	NO.	DATE
SURVEYED	BY	
PLOTTED		
CHECKED		
ALIGNED		
FILE NAME		

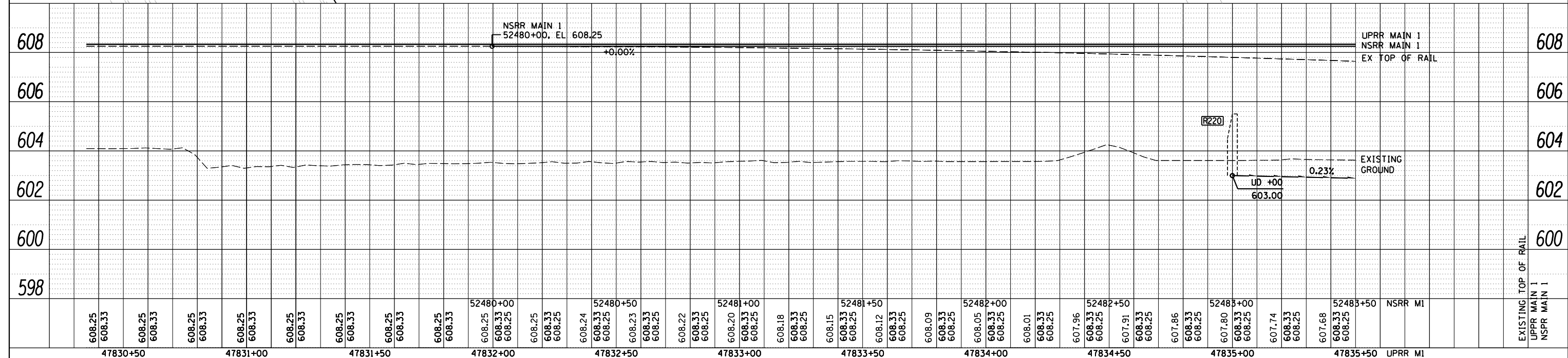
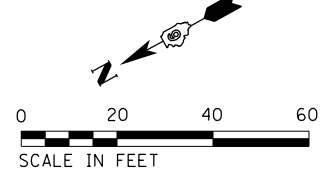


PROFILE	NO.	DATE
SURVEYED	BY	
PLOTTED		
CHECKED		
GRADES		
STRUCTURE		
NOTATIONS		
CHKD		



DRAINAGE / SEWER SYMBOL LEGEND

- >—>—>—>— = EXIST. STORM SEWER
- >—>—>—>— = PROP. STORM SEWER
- >—>—>—>— = EXIST. SANITARY SEWER
- >—>—>—>— = EXISTING COMBINED SEWER - SANITARY
- >—>—>—>— = PROPOSED COMBINED SEWER - SANITARY
- = PROPOSED INLET
- = PROPOSED MANHOLE
- 33 = PROP. SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES
- ⊙ = PROPOSED RAILWAY UNDERDRAIN CLEANOUT
- >—>—>—>— = EXIST. PIPE UNDERDRAIN
- >—>—>—>— = PROPOSED 10" PIPE UNDERDRAIN, TYPE 2
- = EXISTING INLET
- = EXISTING MANHOLE
- ▽ = EXISTING PRC FLARED END SECTION
- ▽ = PROPOSED PRC FLARED END SECTION



FILE NAME = D609L0179B-PP-US4-TRACK-00.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 - 1	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	85	
	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -			09L0179B	CONTRACT NO. 93733			
						*666 & 666 ALT.	ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. FILE NAME	



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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

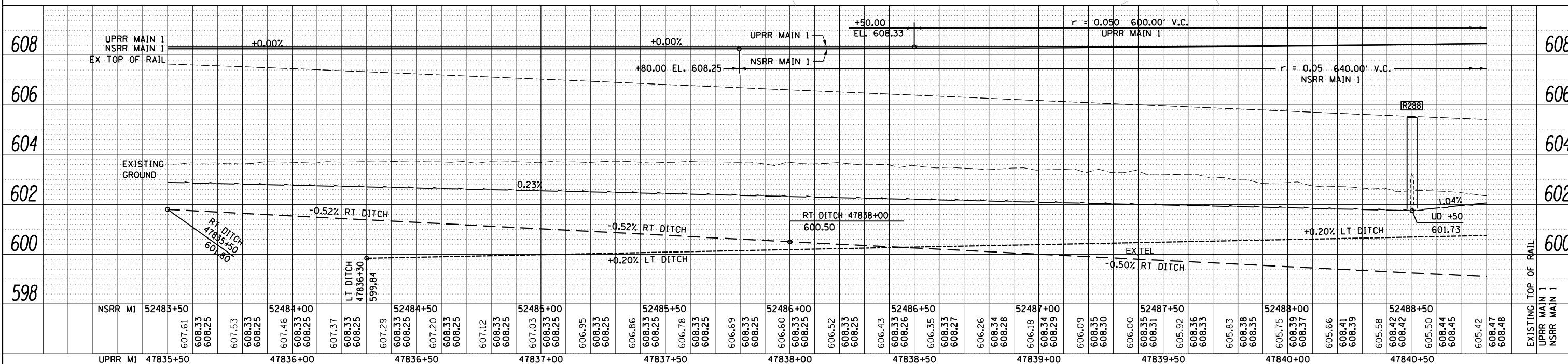
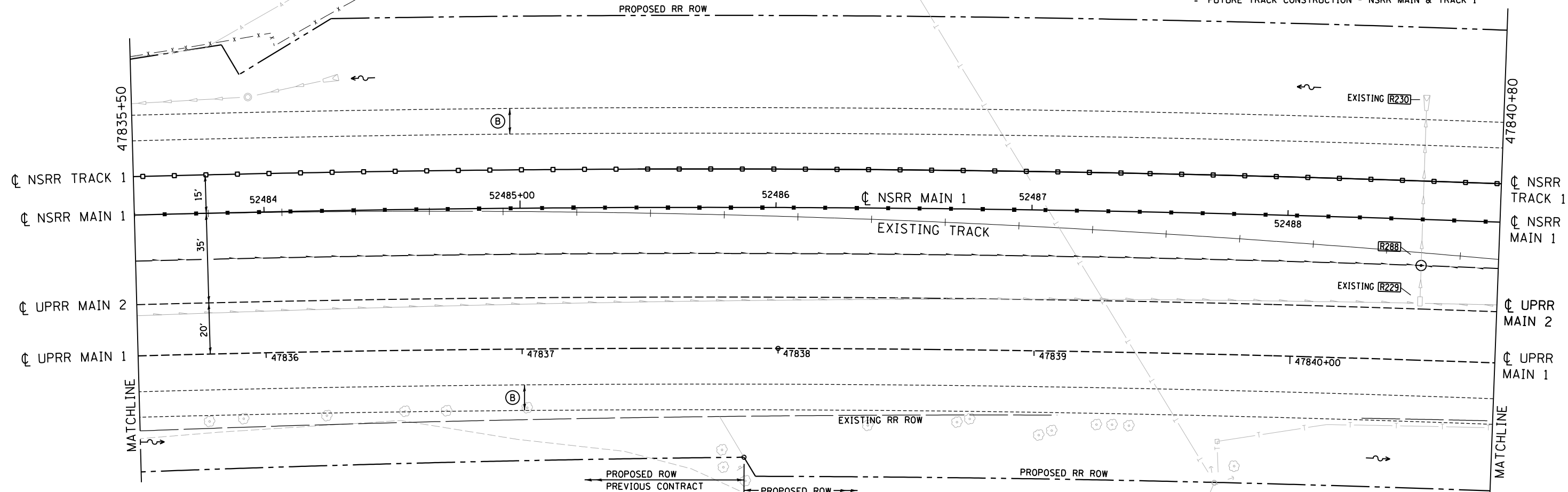


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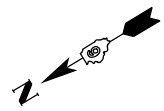
- (A) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
- (B) LIMITS OF TRACK ACCESS ENTRANCES, MAINTENANCE ROADS AND TURNAROUNDS. SEE TRACK ROW & FENCING / ACCESS PLANS ALONG WITH DETAIL SHEETS FOR LAYOUT AND MATERIALS.

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-01.dgn	USER NAME = Pop00275	DESIGNED - GCN	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 2	F.A.U. RTE. =	SECTION = (109) VB,(110) VB-5	COUNTY = SANGAMON	TOTAL SHEETS = 382	SHEET NO. = 86
PLAN	PLOT SCALE = 48.00' / in.	CHECKED - JWM/GCN	REVISOR -			SCALE: SHEET 2 OF 11 SHEETS STA. TO STA.	CONTRACT NO. = 93733	*666 & 666 ALT. ILLINOIS FED. AID PROJECT		



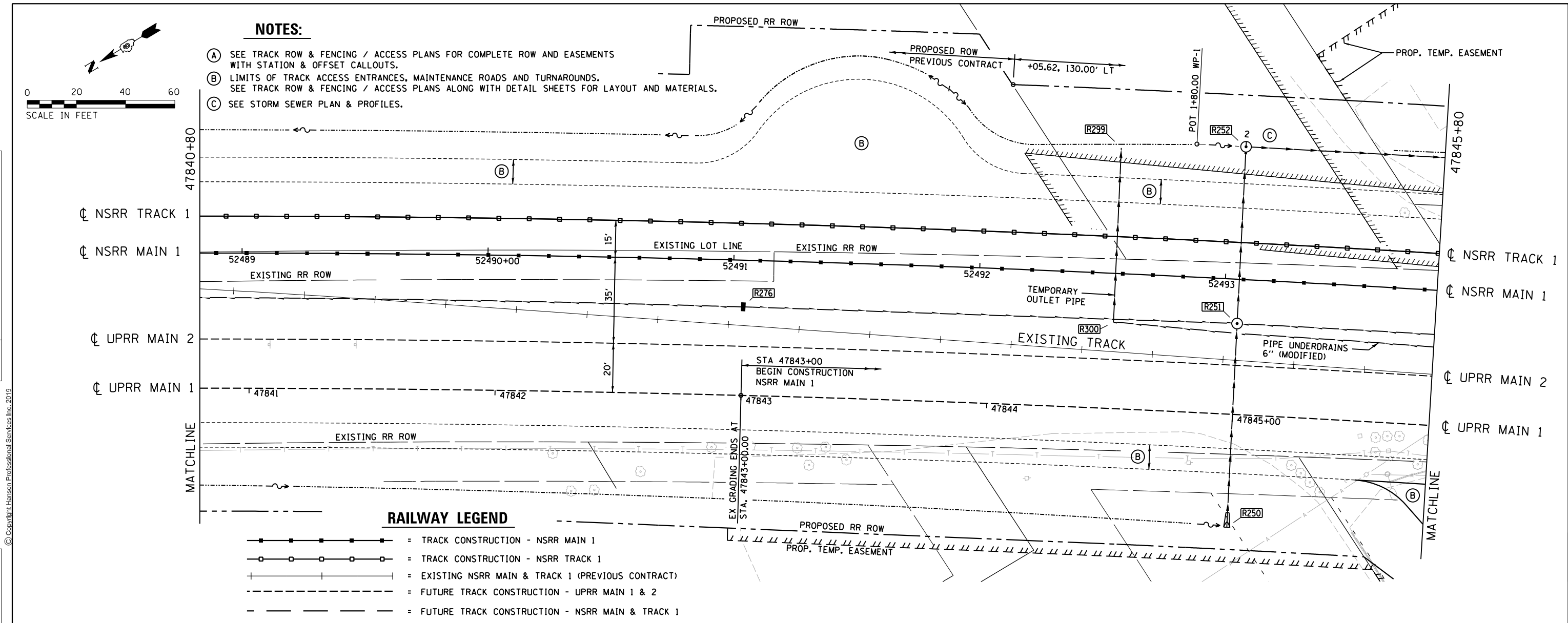
NOTES:

- (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.

DATE	
BY	
PLAN NO.	
NO. OF SHEETS	
DATE	
BY	
DATE	
BY	
DATE	

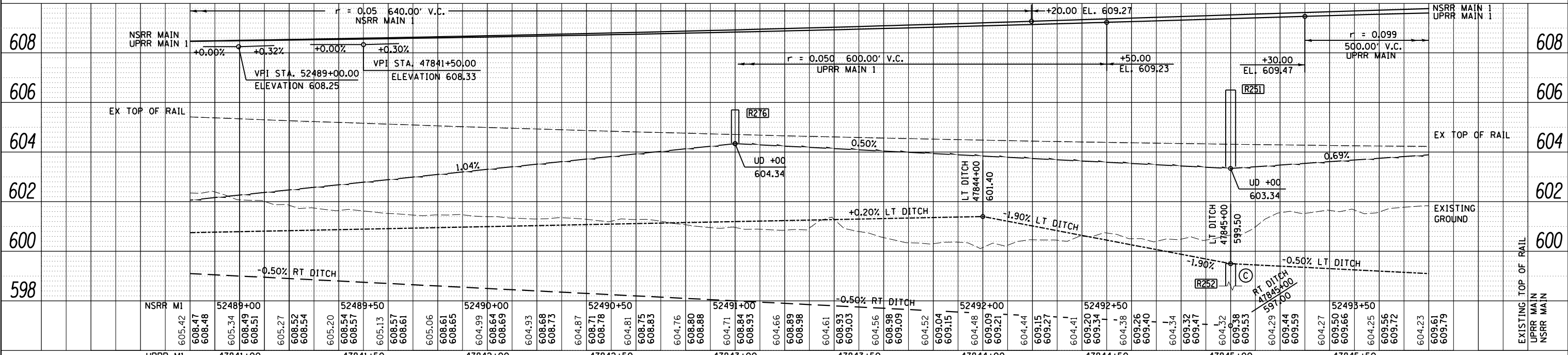


DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	



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-02.dgn PLANI	USER NAME = Pop00275 DESIGNED - GCN DRAWN - CLG CHECKED - JWM/GCN DATE - 03/15/2019	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 3	F.A.U. R.E. (109) VB,(110) VB-5 SECTION 09L0179B COUNTY SANGAMON CONTRACT NO. 93733	TOTAL SHEETS 382 SHEET NO. 87
	SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.	*666 & 666 ALT. ILLINOIS FED. AID PROJECT				



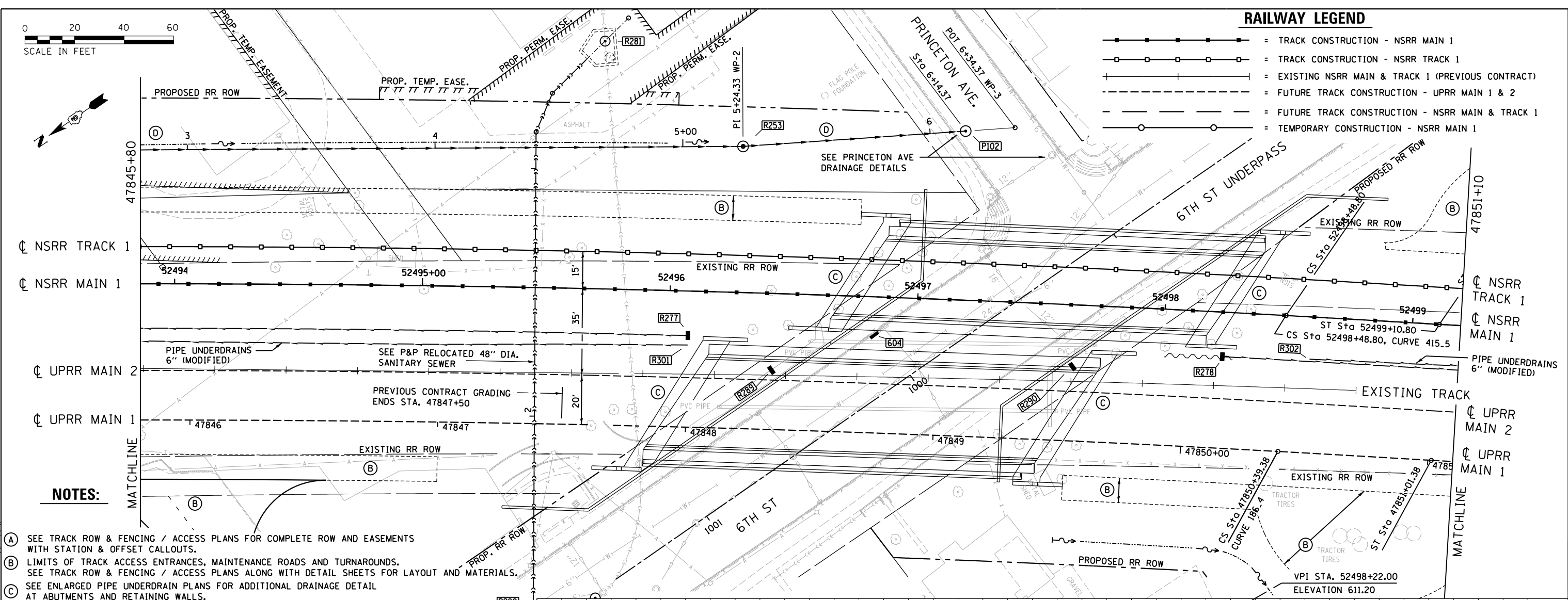
RAILWAY LEGEND

- = 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
- = TEMPORARY CONSTRUCTION - NSRR MAIN 1

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	NOTE BOOK
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	NO.
	NO.
	NO.

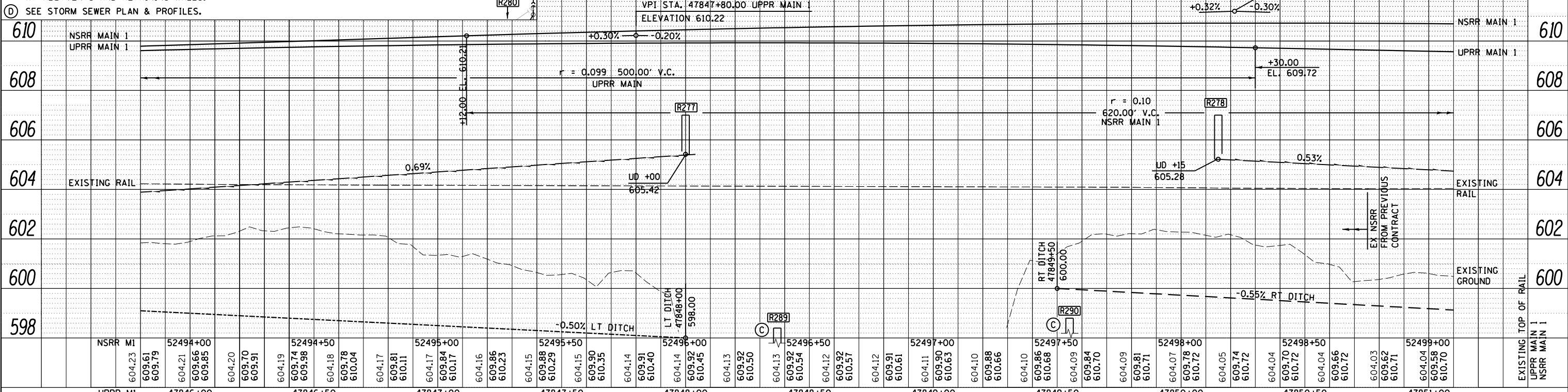


DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	NOTE BOOK
	NO.
	NO.
	NO.
	NO.



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 ENLARGED PIPE UNDERDRAIN PLANS FOR ADDITIONAL DRAINAGE DETAIL AT ABUTMENTS AND RETAINING WALLS.
- (D) SEE STORM SEWER PLAN & PROFILES.



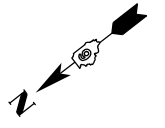
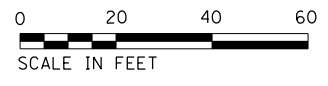
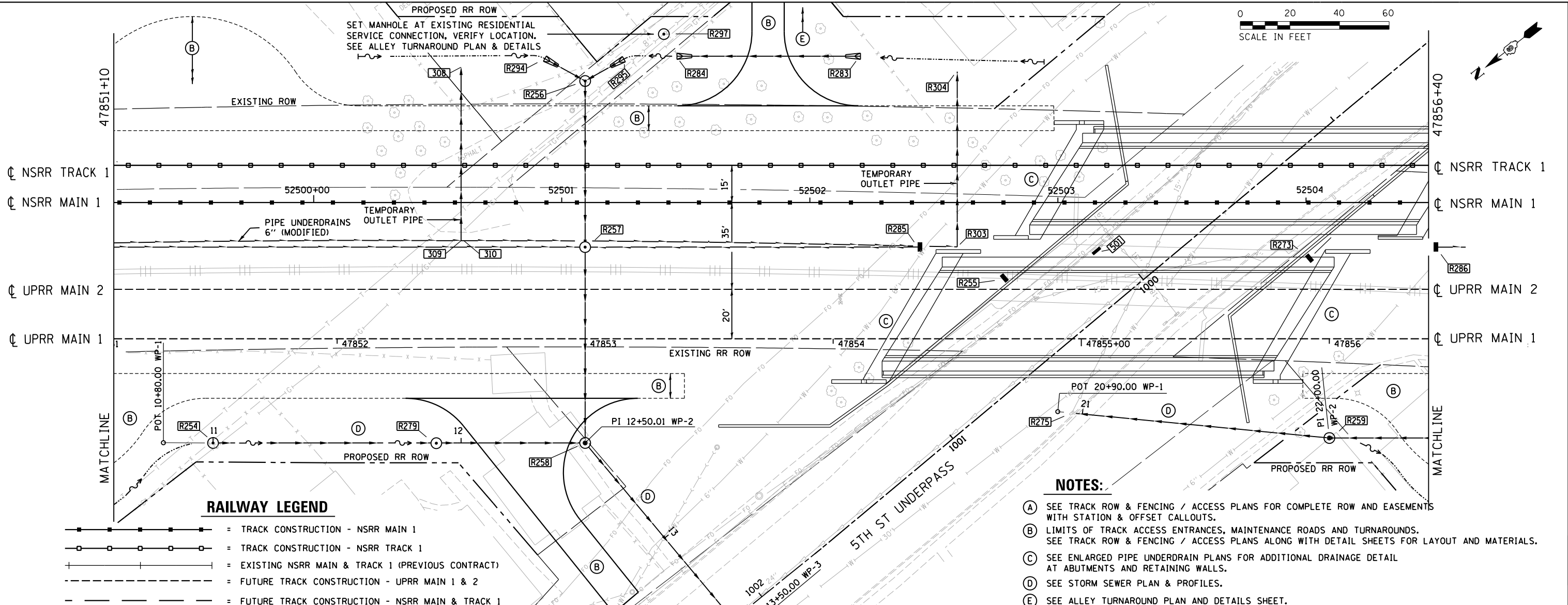
FILE NAME =	USER NAME = Pop00275	DESIGNED - GCN	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 4</p>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D609L0179B-PP-US4-TRACK-03.dgn		DRAWN - CLG	REVISED -		(109) VB,(110) VB-5	SANGAMON	382	88	
PLANI		CHECKED - JWM/GCN	REVISED -		09L0179B			CONTRACT NO. 93733	
PLANI		DATE - 03/15/2019	REVISED -		SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.	*666 & 666 ALT.	ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	CHECKED		
	FILED		
	NO.		



PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
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	NOTATIONS		
	CPAD		

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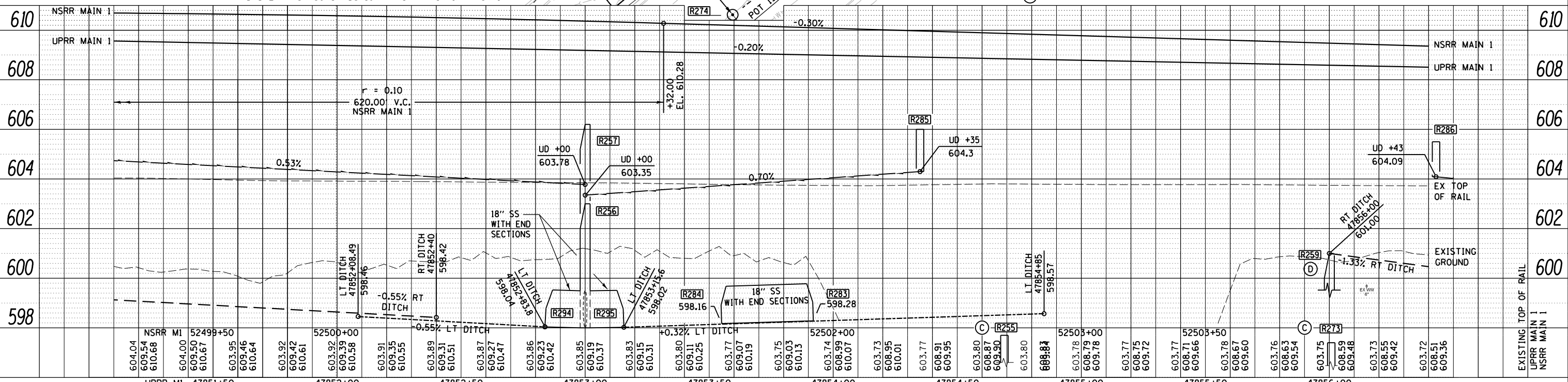


RAILWAY LEGEND

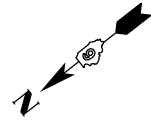
- = TRACK CONSTRUCTION - NSRR MAIN 1
- = TRACK CONSTRUCTION - NSRR TRACK 1
- = EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
- = FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
- = FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1

NOTES:

- (A) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
- (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 ENLARGED PIPE UNDERDRAIN PLANS FOR ADDITIONAL DRAINAGE DETAIL AT ABUTMENTS AND RETAINING WALLS.
- (D) SEE STORM SEWER PLAN & PROFILES.
- (E) SEE ALLEY TURNAROUND PLAN AND DETAILS SHEET.



FINAL	FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 5	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D609L0179B-PP-US4-TRACK-04.dgn	Pop00275	GCN				(109) VB(110) VB-5	SANGAMON	382	89	
	PLANI		CLG				09L0179B	CONTRACT NO.	93733		
		4/10/2019	JWM/GCN				• 666 & 666 ALT.	ILLINOIS FED. AID PROJECT			
		DATE			SCALE:	SHEET 5 OF 11 SHEETS	STA.	TO STA.			

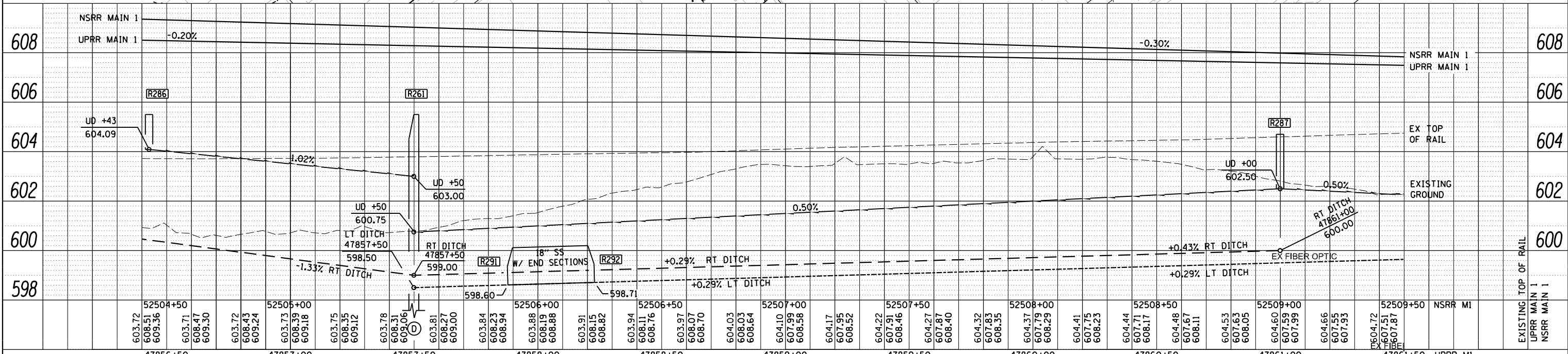
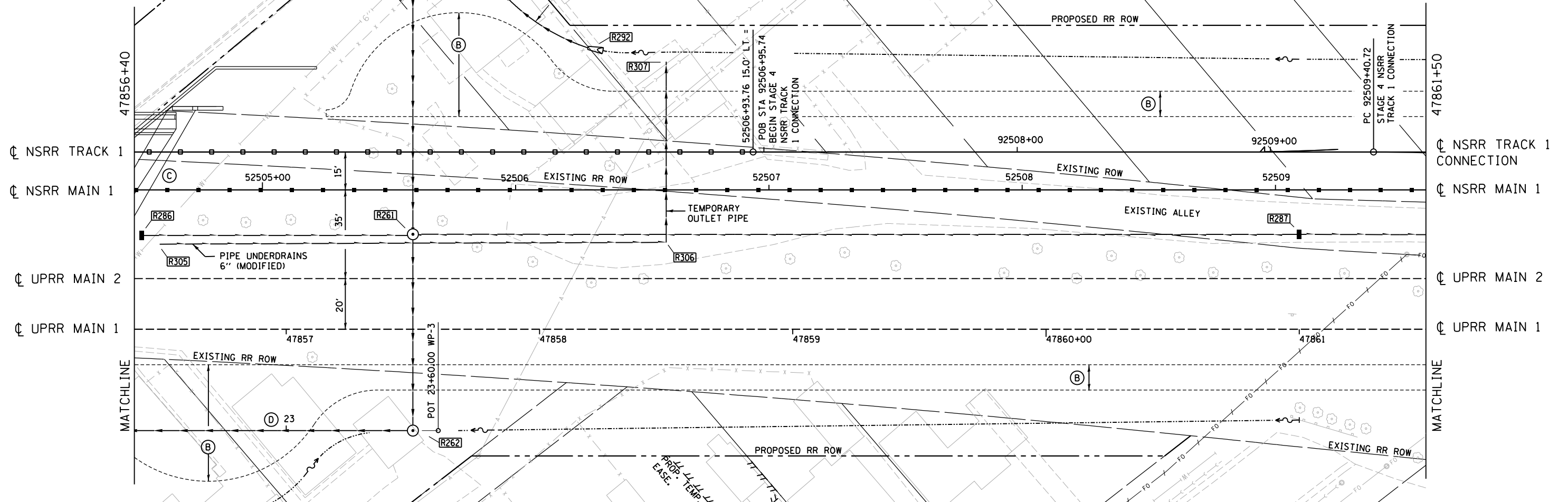


NOTES:

- (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 ENLARGED PIPE UNDERDRAIN PLANS FOR DRAINAGE DETAILS AT ABUTMENTS.
- (D) SEE STORM SEWER PROFILES.

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



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILED		
	CARD NO.		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILED		
	CARD NO.		

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FINAL FILE NAME = D609L0179B-PP-US4-TRACK-05.dgn USER NAME = Pop00275 DESIGNED - GCN DRAWN - CLG CHECKED - JWM/GCN PLOT DATE = 4/10/2019 DATE - 03/15/2019

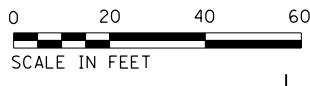
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 6**

SCALE: [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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
(109) VB,(110) VB-5	09L0179B	SANGAMON	382	90
*666 & 666 ALT.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 93733	

STATIONING: 47856+50, 47857+00, 47857+50, 47858+00, 47858+50, 47859+00, 47859+50, 47860+00, 47860+50, 47861+00, 47861+50 UPRR M1, EXISTING TOP OF RAIL UPRR MAIN 1 NSRR MAIN 1



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
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	FILE NAME		



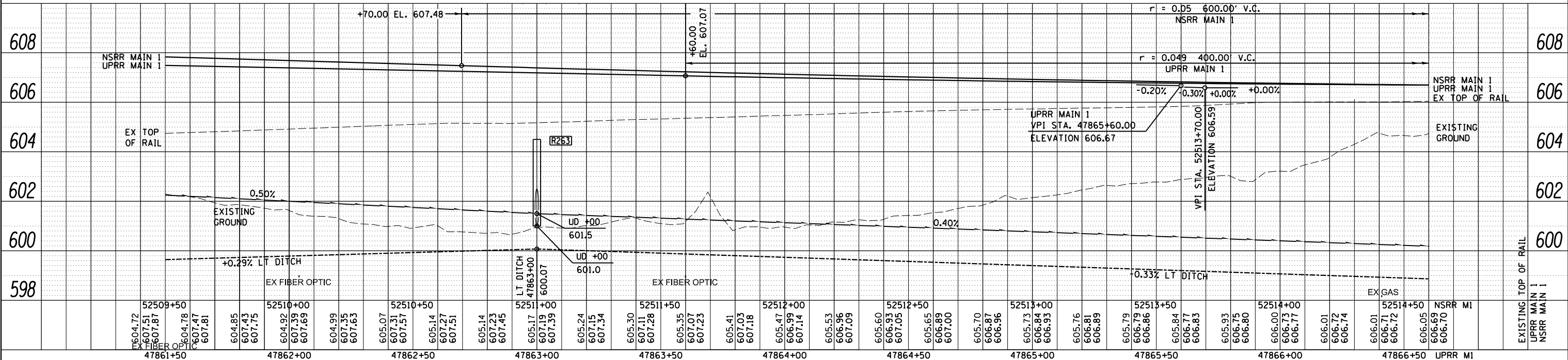
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	PLOTTED		
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	STRUCTURE		
	NOTATIONS		
	CPAD		

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



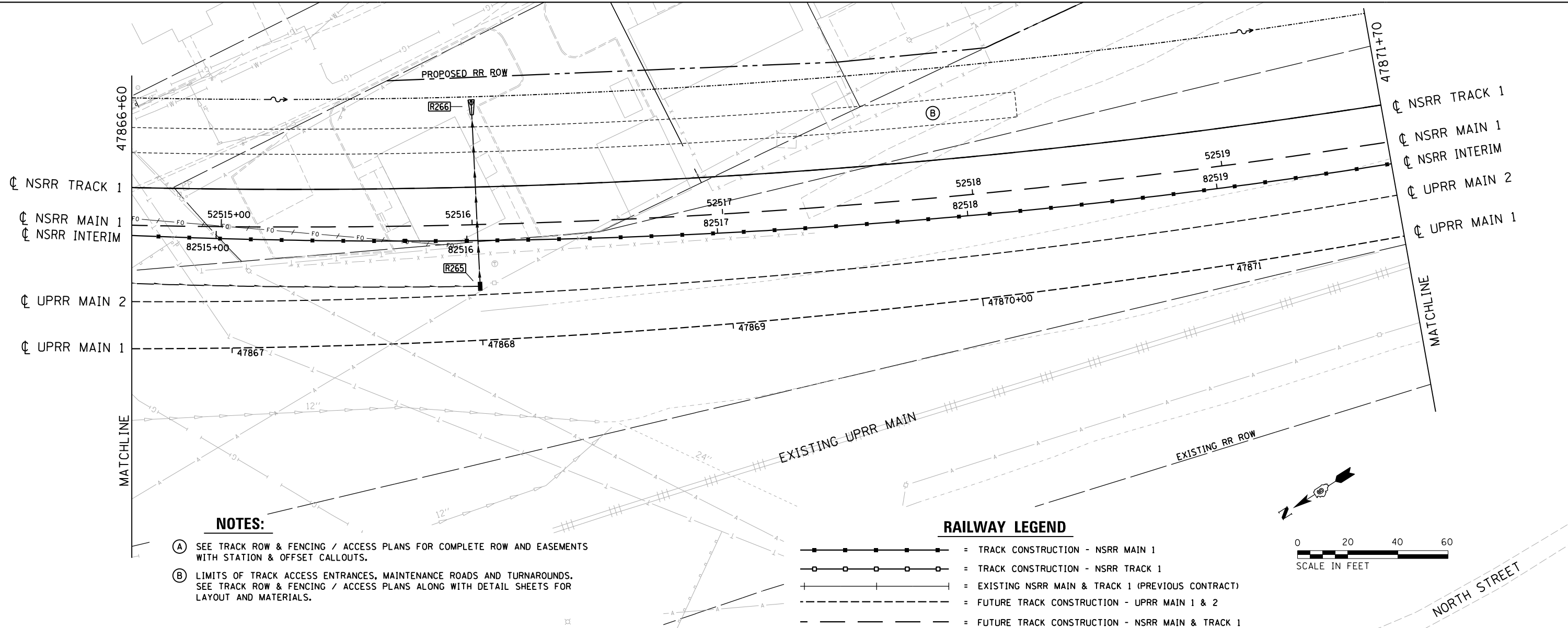
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PLANI	PLOT SCALE = 48.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	91	
PLOT DATE = 4/10/2019	DATE = 03/15/2019	REVISED -	REVISED -			09L0179B	CONTRACT NO. 93733	*666 & 666 ALT. ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
	NO.		
	CHECKED		
	ALIGNED		
	PLOTTED		
	FILE NAME		



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PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	NOTE BOOK		
	NO.		
	STRUCTURE		
	NOTATIONS		
	CPAD		

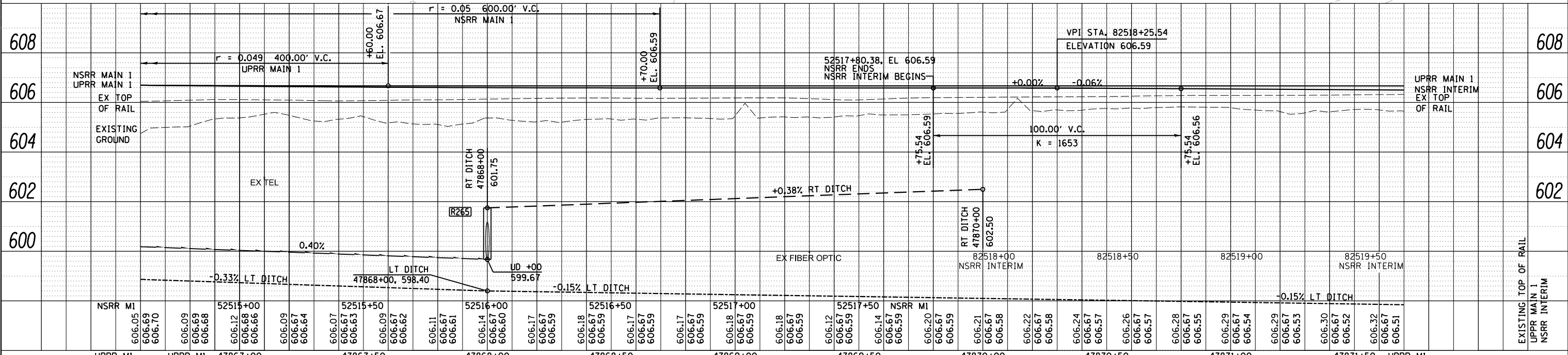
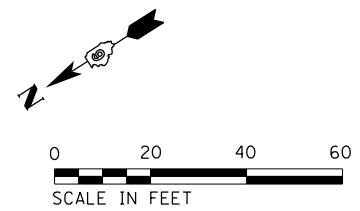


NOTES:

- (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



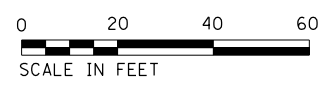
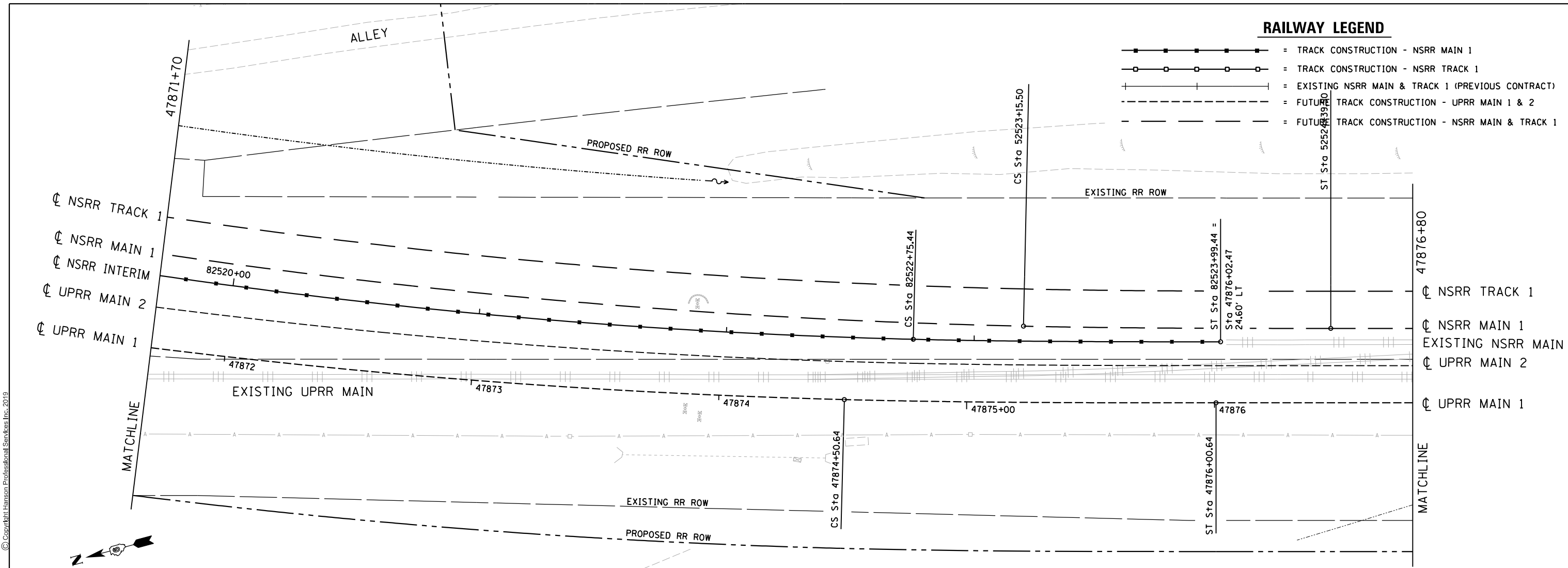
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	D609L0179B-PP-US4-TRACK-07.dgn		DRAWN - CLG	REVISED -		PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 8		(109) VB,(110) VB-5	SANGAMON	382	92	
	PLANI		CHECKED - JWM/GCN	REVISED -		SCALE:	SHEET 8 OF 11 SHEETS	STA.	TO STA.	CONTRACT NO. 93733		
			PLOT DATE = 4/10/2019	DATE - 03/15/2019		REVISED -					ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNED	
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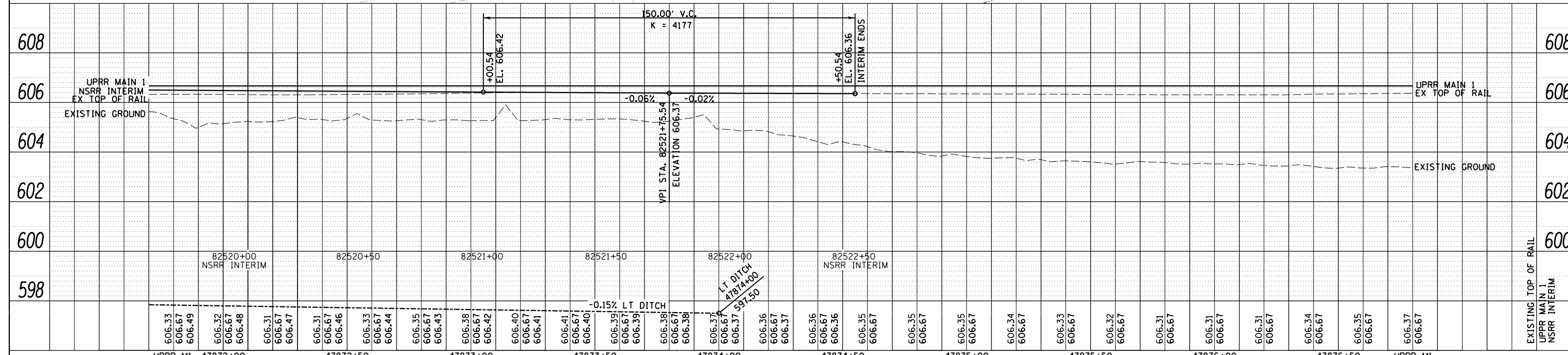


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NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATIONS	

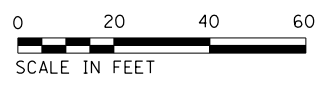
	TRACK CONSTRUCTION - NSRR MAIN 1
	TRACK CONSTRUCTION - NSRR TRACK 1
	EXISTING NSRR MAIN & TRACK 1 (PREVIOUS CONTRACT)
	FUTURE TRACK CONSTRUCTION - UPRR MAIN 1 & 2
	FUTURE TRACK CONSTRUCTION - NSRR MAIN & TRACK 1



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 -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 9	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLANT	PLOT SCALE = 48.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	93	
	PLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -			09L0179B	CONTRACT NO.	93733		
						•666 & 666 ALT.	ILLINOIS FED. AID PROJECT			

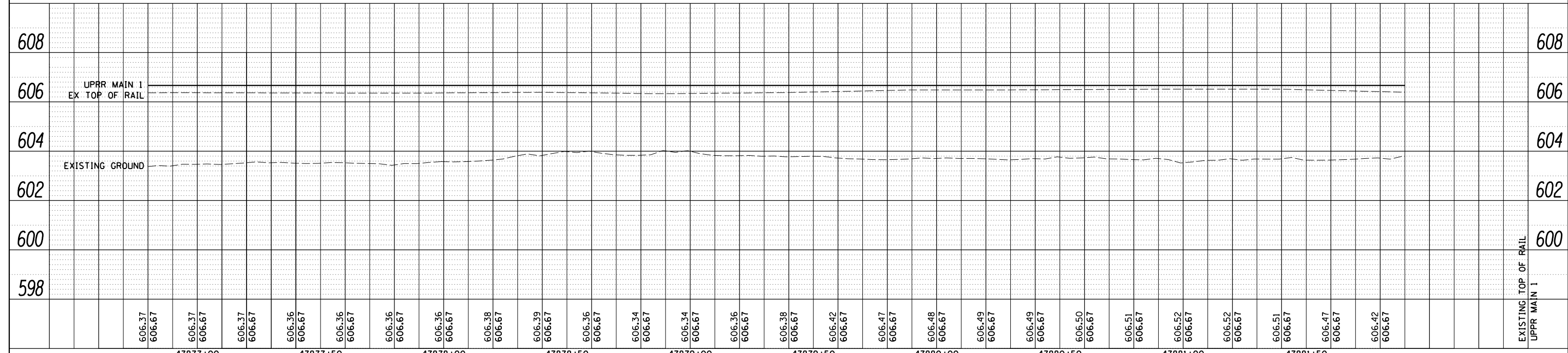
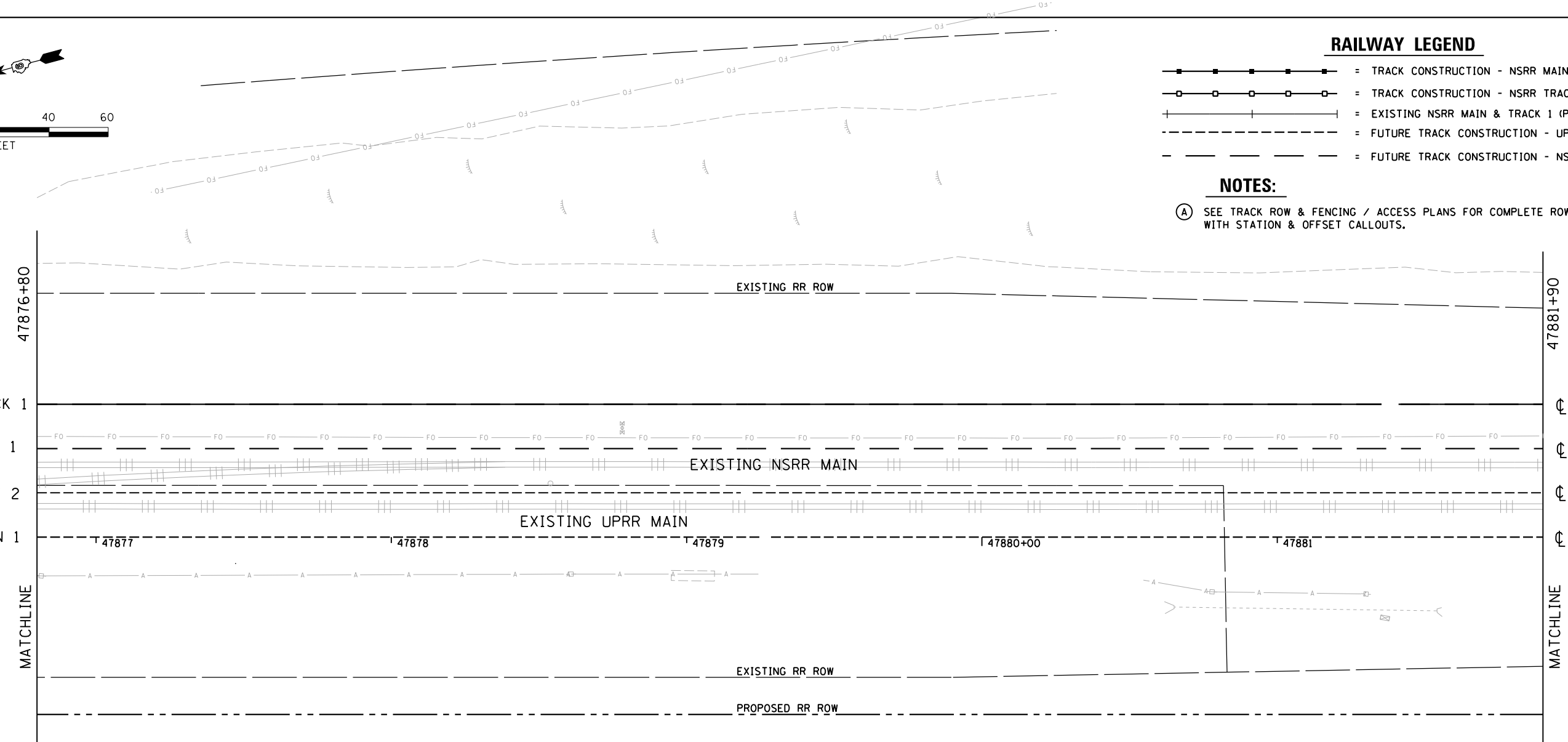


RAILWAY LEGEND

- = 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.



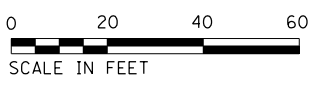
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	PLOTTED	BY
	NOTE BOOK	
	NO. _____	
	CHECKED	
	FILE NAME	



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PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE	
	NOTATIONS	
	NO. _____	

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	PLLOT SCALE = 40.00' / in.	CHECKED - JWM/GCN	REVISED -			(109) VB,(110) VB-5	SANGAMON	382	94	
	PLLOT DATE = 4/10/2019	DATE - 03/15/2019	REVISED -			09L0179B	CONTRACT NO. 93733			
						*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

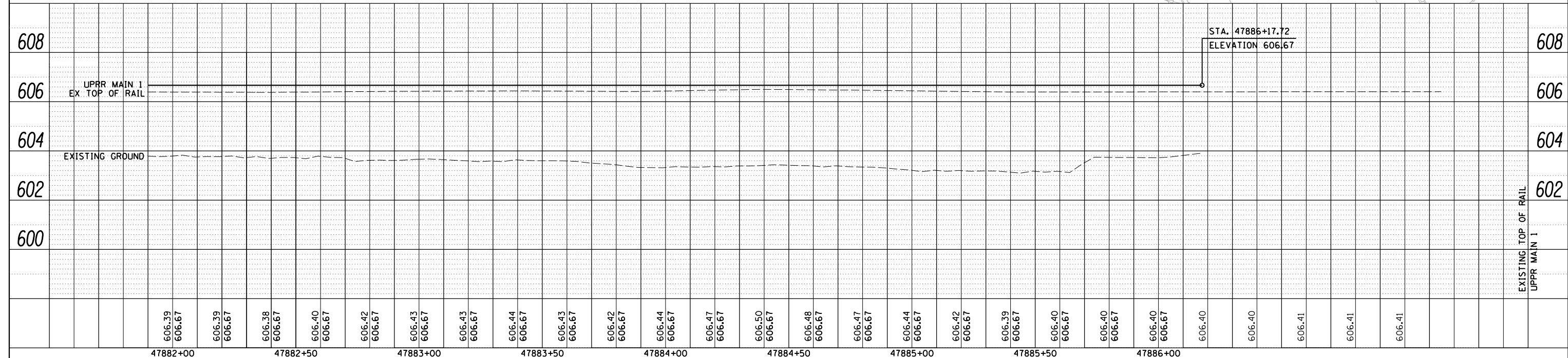
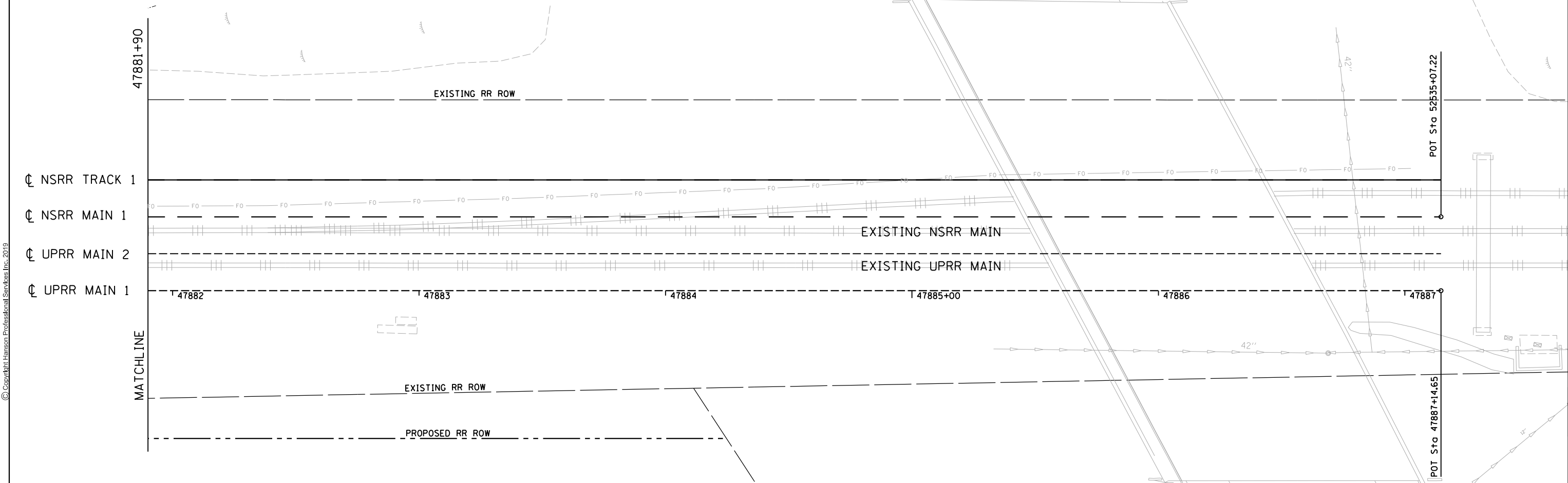
NOTES:
 (A) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.

STANFORD AVE
OVERPASS

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		



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



47882+00 47882+50 47883+00 47883+50 47884+00 47884+50 47885+00 47885+50 47886+00

FILE NAME = D609L0179B-PP-US4-TRACK-10.dgn
 PLANI

USER NAME = Pop00275	DESIGNED - GCN	REVISED -
DRAWN - CLG	REVISOR -	
CHECKED - JWM/GCN	REVISOR -	
DATE - 03/15/2019	REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE - FINAL NSRR MAIN 1 STAGE 4B - 11

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	95
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT. ILLINOIS FED. AID PROJECT				

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

FINAL

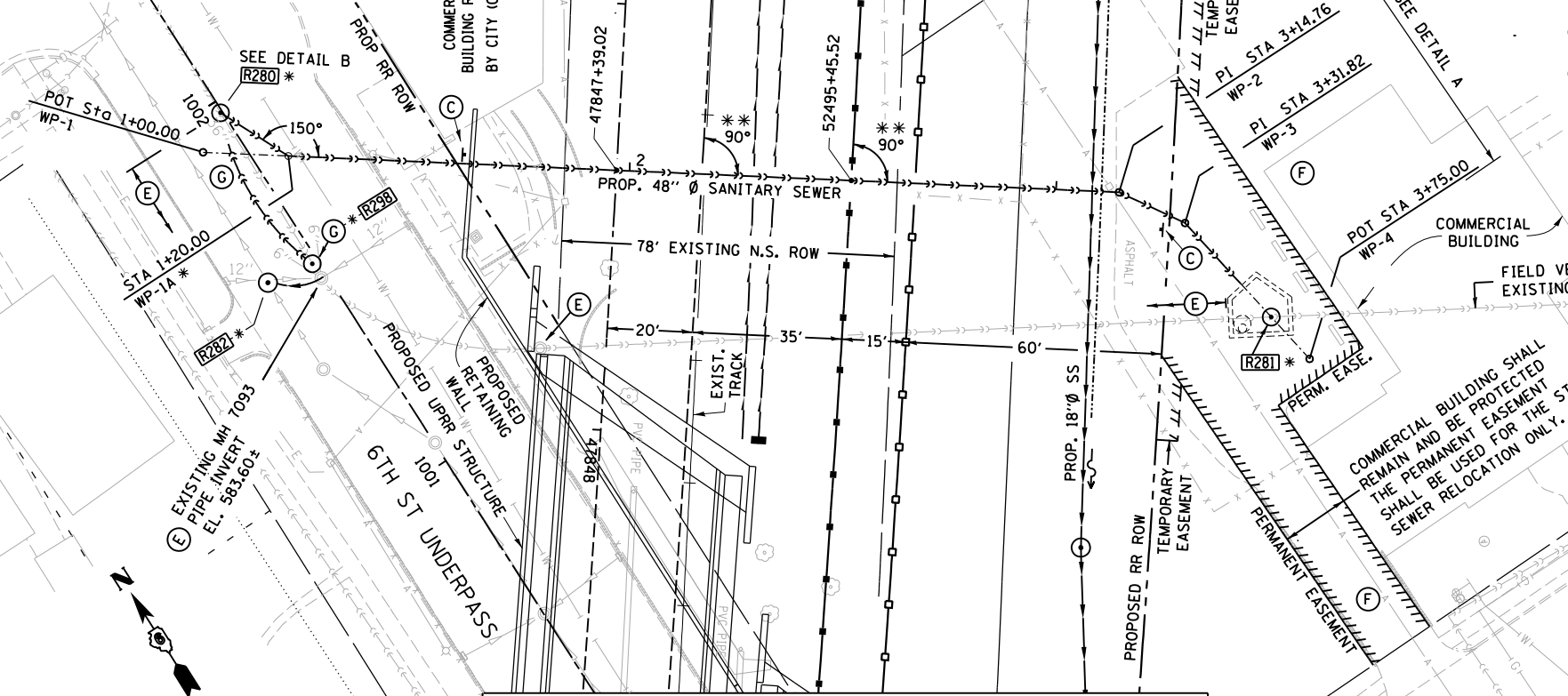
DATE	
BY	
PLAN	SURVEYED
	NOTED
	PLOTTED
	CHECKED
	AT
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	NO.
	NO.
	NO.



DATE	
BY	
PROFILE	SURVEYED
	NOTED
	PLOTTED
	CHECKED
	AT
	NO.
	NO.
	NO.
	NO.

RAILWAY LEGEND

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



NOTES

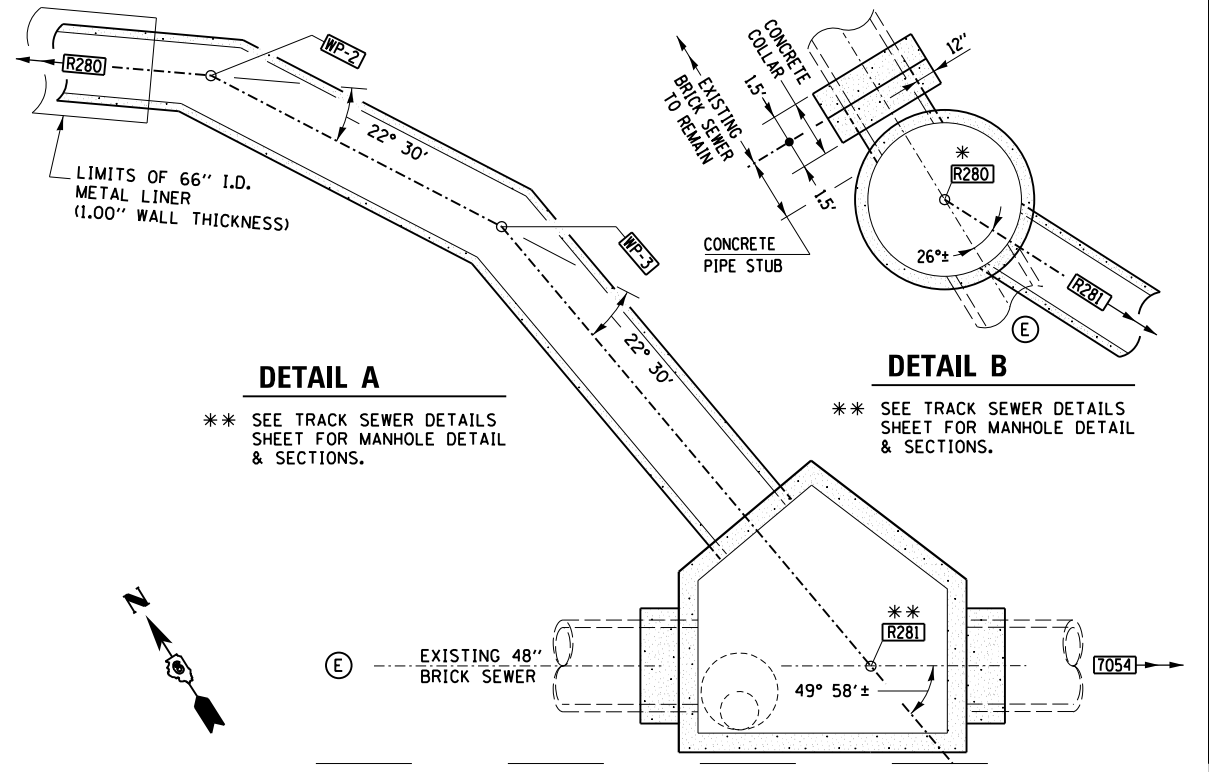
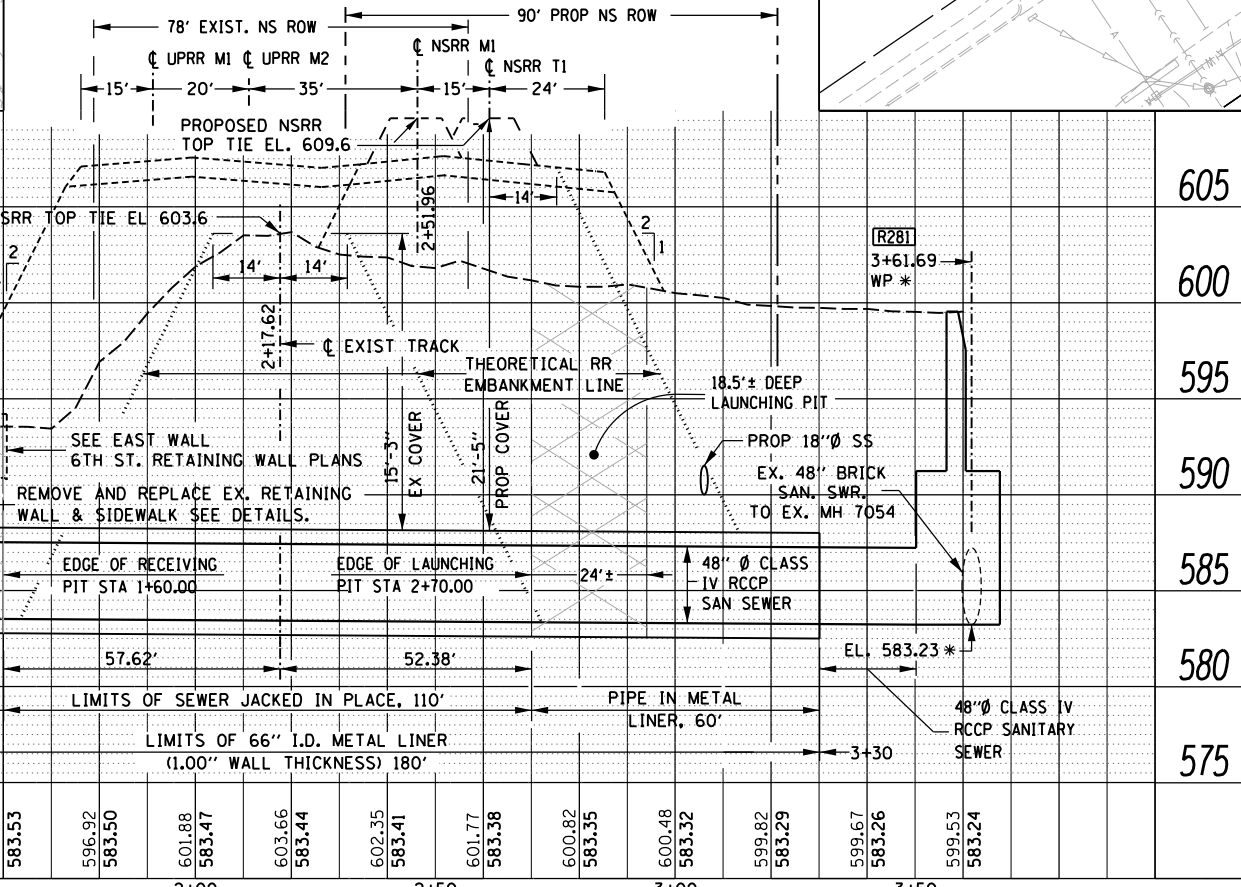
- (A) CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECIFICATIONS.
- (B) PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED "AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION" SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND 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 =	DESIGNED -	REVISED -
D609L0179B-PP-US4-RELOC-SEWER-6TH-PRINCETON.dgn	Pop00275	GCN	
PLANI		CLG	
		JWM/GCN	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

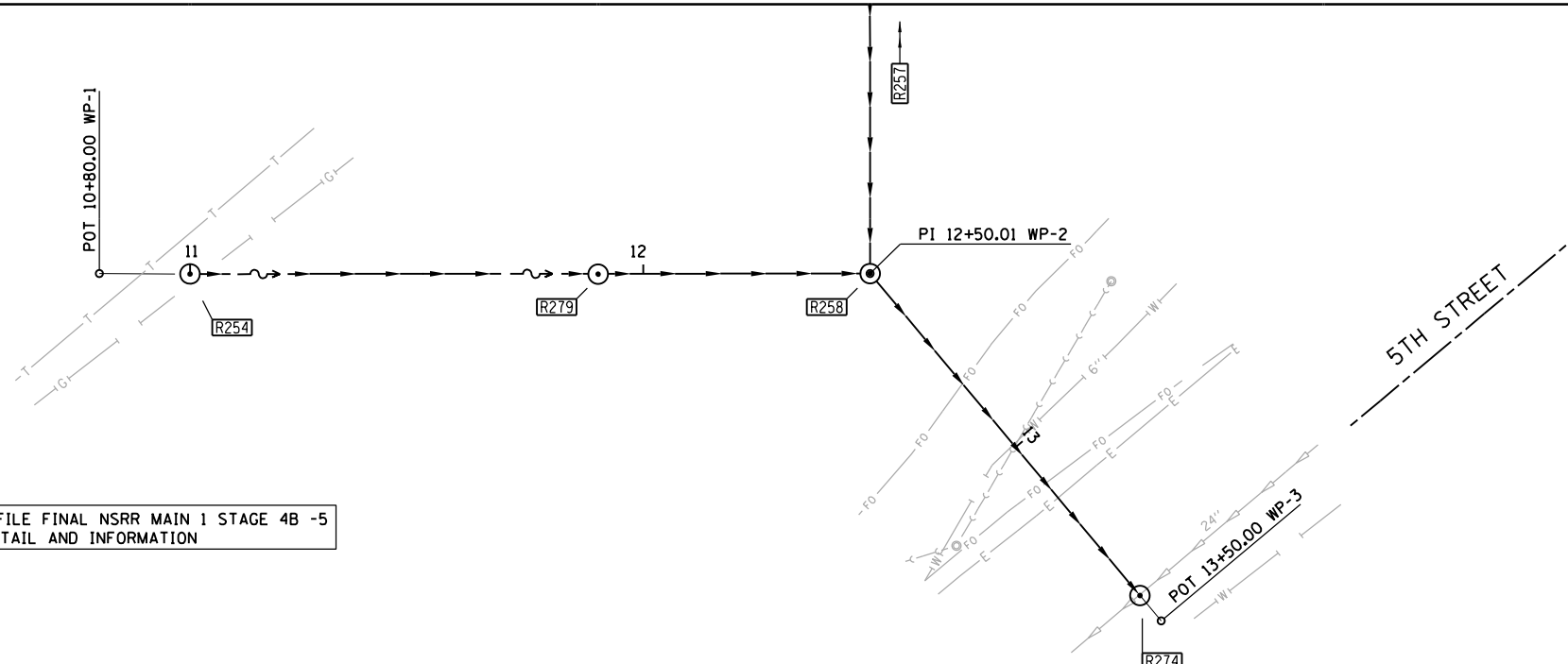
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE - RELOCATED 48" DIAMETER SANITARY SEWER
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

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		

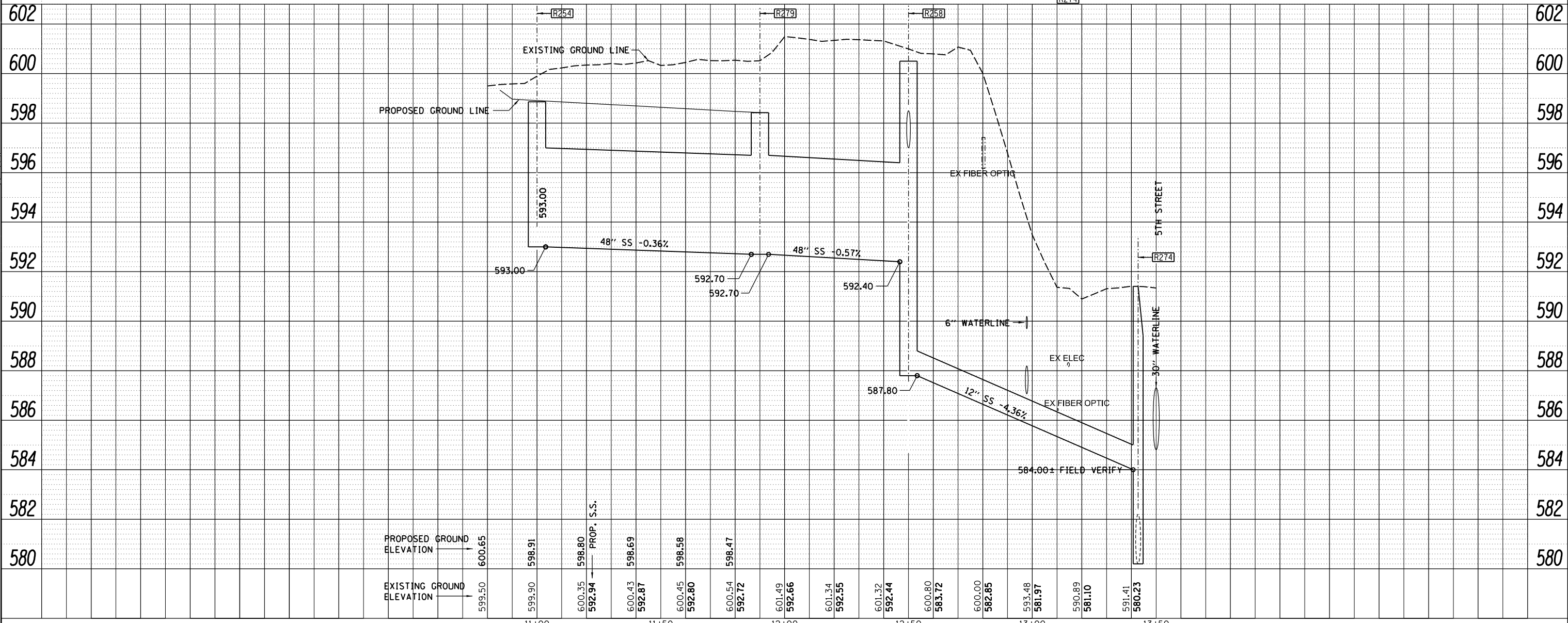
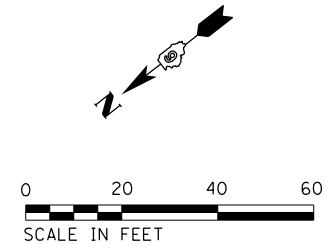
STORM SEWER ALIGNMENT

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	10+80.00	1132141.22	2441999.48	BEGINNING C.P.
R254	11+00.01	1132125.65	2441986.91	7' MANHOLE
R279	11+90.02	1132055.38	2441930.66	7' MANHOLE
R258 WP-2	12+00.01	1132008.45	2441893.30	7' MANHOLE
R274	* 13+42.70	*	*	4' MANHOLE
WP-3	13+50.00	1132006.19	2441793.33	ENDING C.P.

* FIELD VERIFY



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



DATE	BY
DATE	BY



DATE	BY
DATE	BY

PLAN: SURVEYED, PLOTTED, ALIGNED, CHECKED, REVISIONS, DATE, NO. (blank)
 PROFILE: SURVEYED, PLOTTED, GRADES, CHECKED, STRUCTURE, NOTATIONS, CHKD, NO. (blank)

FILE NAME = D609L0179B-shr-prf-SSUS4-01.dgn
PRF2

USER NAME = Pop00275
PLOT SCALE = 40.0000' / in.
PLOT DATE = 4/11/2019

DESIGNED - JWM
DRAWN - CLG
CHECKED - JWM/MNM
DATE - 03/15/2019

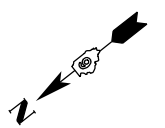
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

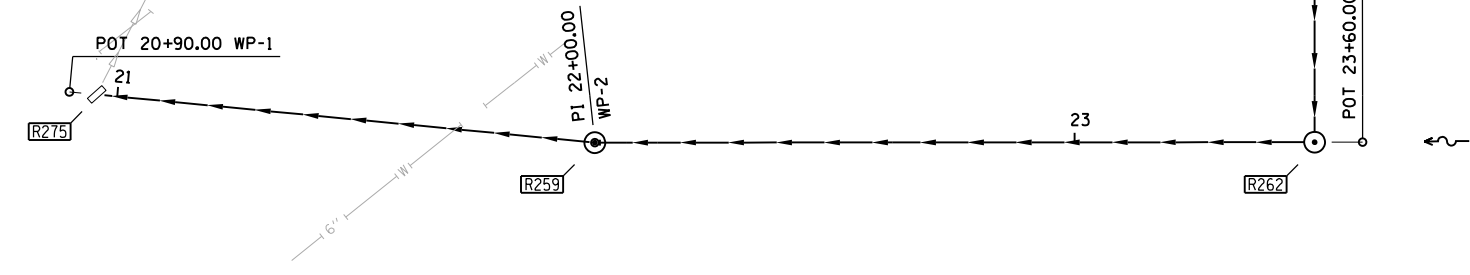
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN AND PROFILE - STORM SEWER R254 TO R274

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(109) VB,(110) VB-5	SANGAMON	382	98
	09L0179B	CONTRACT NO.	93733	
*666 & 666 ALT.		ILLINOIS FED. AID PROJECT		



5TH STREET

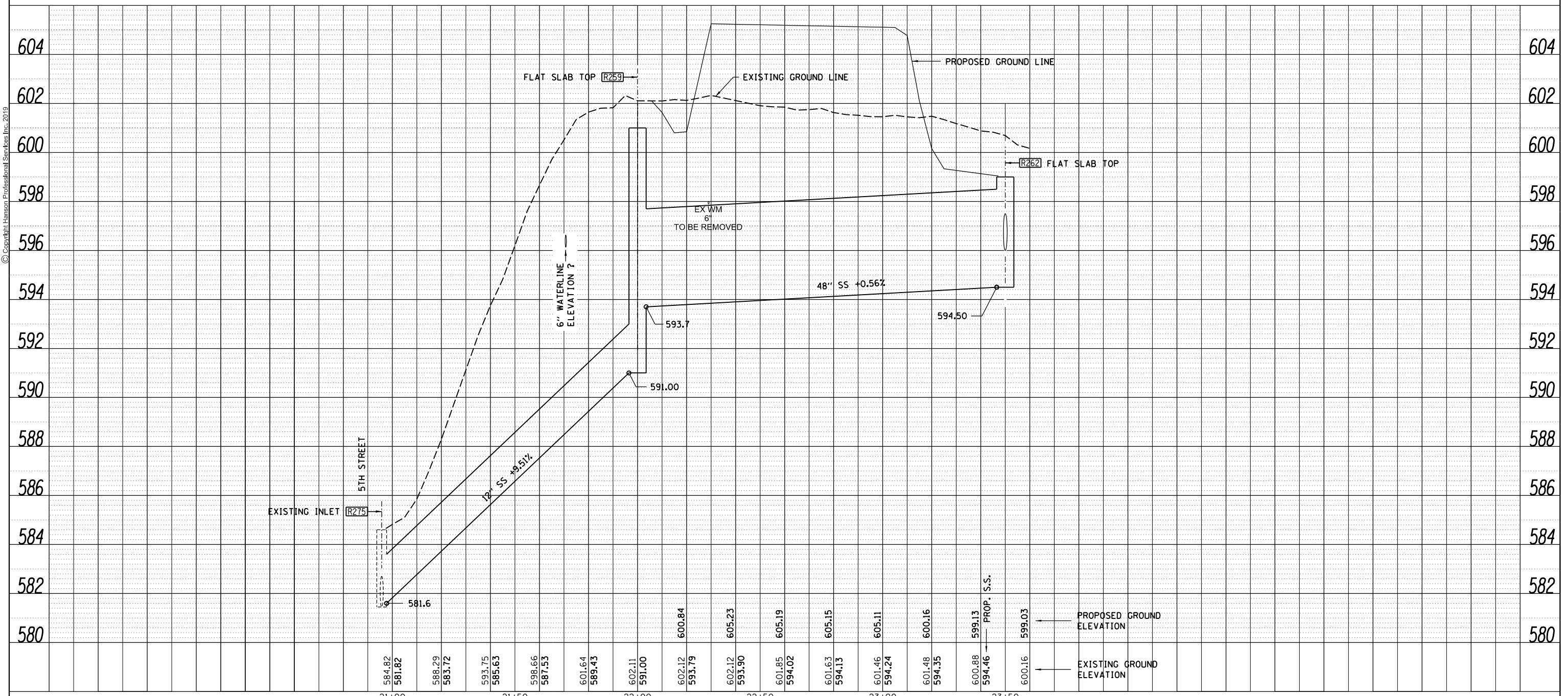


STORM SEWER ALIGNMENT

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



DATE	BY	SURVEYED	PLANNED
		NOTED	NOTED
		CHECKED	CHECKED
		FILED	FILED



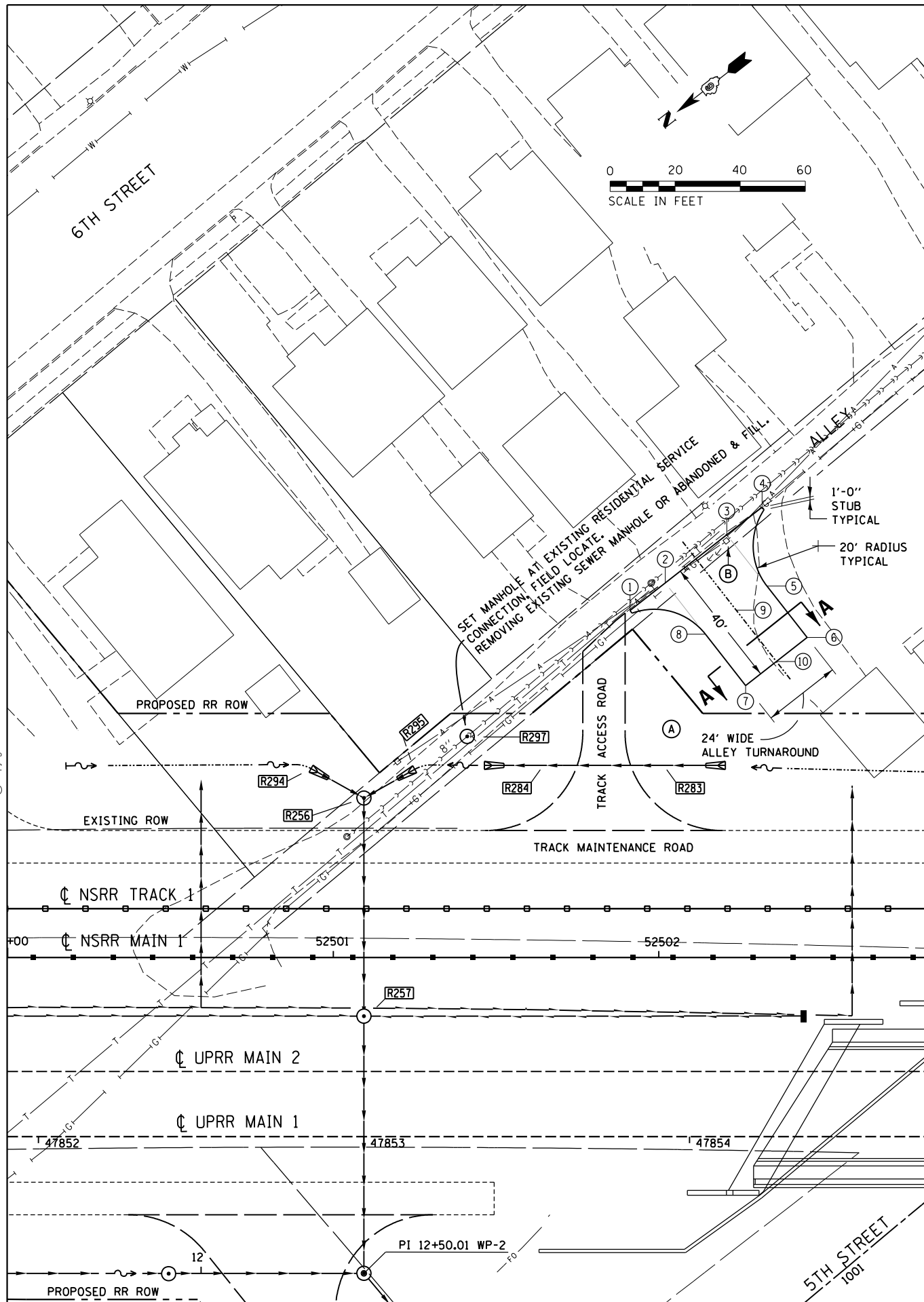
DATE	BY	SURVEYED	PLANNED
		NOTED	NOTED
		CHECKED	CHECKED
		FILED	FILED

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FILE NAME = D609L0179B-shr-prf-SSUS4-01.dgn	USER NAME = Pop00275	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS PLAN AND PROFILE - STORM SEWER R262 TO R275	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PRF3	PLOT SCALE = 48.0000' / in.	DRAWN - CLG	REVISED -			• (109) VB,(110) VB-5	SANGAMON	382	99	
PLOT DATE = 4/10/2019	DATE - 03/15/2019	CHECKED - JWM/MNM	REVISED -			09L0179B	CONTRACT NO.	93733		
		DATE - 03/15/2019	REVISED -			*666 & 666 ALT.	ILLINOIS FED. AID PROJECT			



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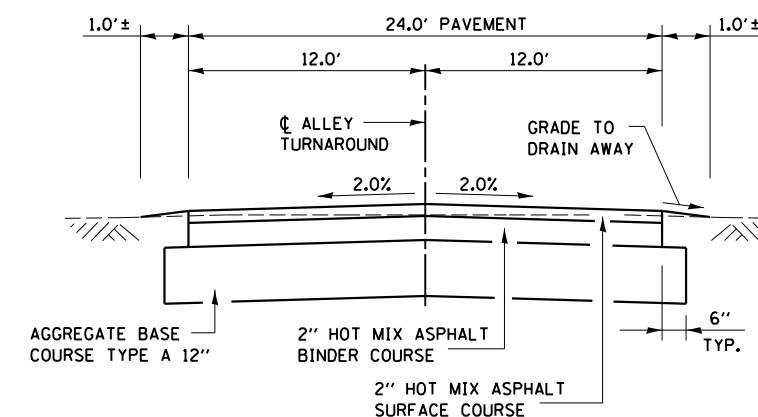
NOTES

- (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	PLLOT SCALE = 40.0000' / in.	DRAWN - CLG	REVISED -
	PLLOT DATE = 4/10/2019	CHECKED - JWM/GCN	REVISED -
		DATE - 03/15/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SPRINGFIELD RAIL IMPROVEMENTS PROJECT		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS			(109) VB,(110) VB-5	SANGAMON	382	100
ALLEY TURNAROUND PLAN & DETAILS			09L0179B			
SCALE:	SHEET 1 OF 1 SHEETS	STA.			CONTRACT NO.	93733
					*666 & 666 ALT.	ILLINOIS FED. AID PROJECT