

04-23-2021 LETTING ITEM 176

INDEX OF SHEETS
SEE SHEET NO. 2

FOR LIST OF STANDARDS
SEE SHEET NO. 2

ALL BALLAST & TRACKWORK
BY NSRR

COOK STREET

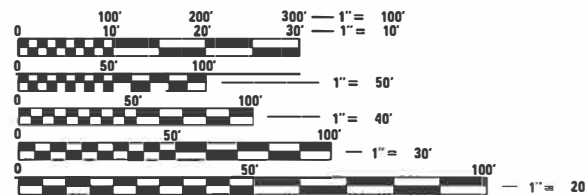
FUNCTIONAL CLASSIFICATION MINOR ARTERIAL
2017 ADT = 8200
2038 DHV = 1130
FAU ROUTE 7985A COOK STREET
DESIGN SPEED: COOK ST. - 30 M.P.H.

CONSTRUCTION OF SN 084-9964 TO CARRY
UNION PACIFIC RAILWAY OVER COOK STREET
CONSTRUCTION OF SN 084-9965 TO CARRY
NORFOLK SOUTHERN RAILWAY OVER COOK STREET

SOUTH GRAND AVE

FUNCTIONAL CLASSIFICATION MINOR ARTERIAL
2017 ADT = 13600
2032 DHV = 1600
FAU ROUTE 7989 SOUTH GRAND AVE
DESIGN SPEED: SOUTH GRAND AVE - 30 M.P.H.

CONSTRUCTION OF SN 084-9966 TO CARRY
UNION PACIFIC RAILWAY OVER SOUTH GRAND AVE
CONSTRUCTION OF SN 084-9967 TO CARRY
NORFOLK SOUTHERN RAILWAY OVER SOUTH GRAND AVE



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.

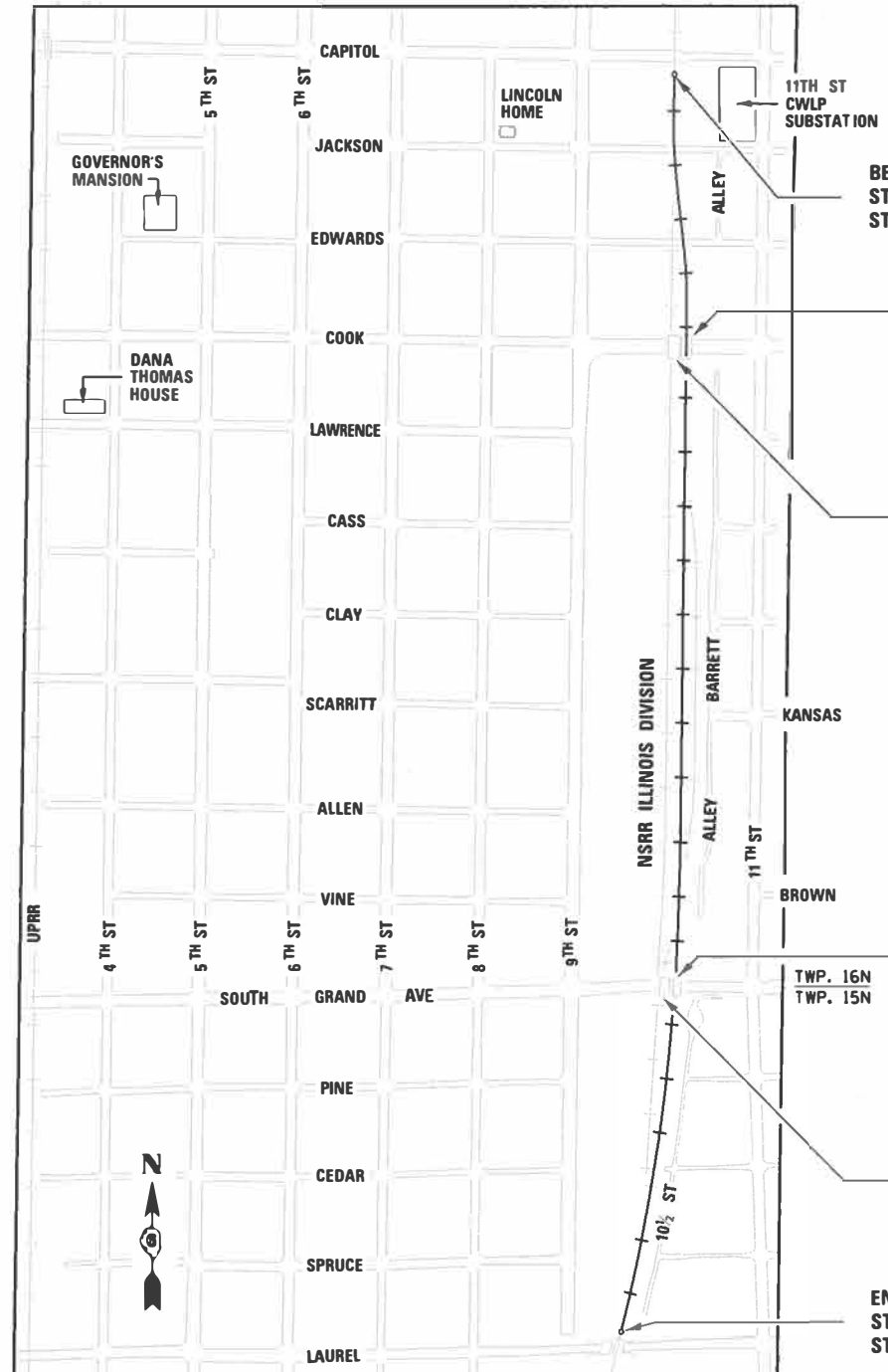
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



PROJECT ENGINEER: MICHAEL MENDENHALL (217)788-2450
PROJECT MANAGER: JIM MOLL (217)788-2450
CONTRACT NO. 93747

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS
PROPOSED HIGHWAY PLANS USABLE SEGMENT V
F.A.U. ROUTE 7985A (COOK STREET) & F.A.U. ROUTE 7989 (SOUTH GRAND AVE)
AT 10TH ST. CORRIDOR / RR UNDERPASS
SECTION 19-00488-00-BR
PROJECT ZOBP(501)
STRUCTURE REPLACEMENT
CITY OF SPRINGFIELD, SANGAMON COUNTY
C-96-016-20

RANGE 5W 3rd PM



BEGIN U.S.V PROJECT NSRR MAIN 1
STA. 82408 + 70 =
STA. 47761 + 00.24, 4.17' RT

BRIDGE REPLACEMENT
EXIST. S.N. 084-9939
PROP. S.N. 084-9965 (NSRR)
TWO-SPAN BRIDGE, 118'-4"
BK. TO BK. ABUTMENTS
STA. 52420 + 49.91 NSRR MAIN 1
AT & COOK ST.
NSRR: ILLINOIS DIVISION -
MILEPOST DH-414.72

NEW BRIDGE
PROP. S.N. 084-9964 (UPRR)
TWO-SPAN BRIDGE, 130'-4"
BK. TO BK. ABUTMENTS
STA. 47772 + 76.92 UPRR MAIN 1
AT & COOK ST.

BRIDGE REPLACEMENT
EXIST. S.N. 084-9947
PROP. S.N. 084-9967 (NSRR)
SINGLE-SPAN BRIDGE, 76'-6"
BK. TO BK. ABUTMENTS
STA. 52448 + 06.14 NSRR MAIN 1
AT & SOUTH GRAND AVE
NSRR: ILLINOIS DIVISION -
MILEPOST DH-415.23

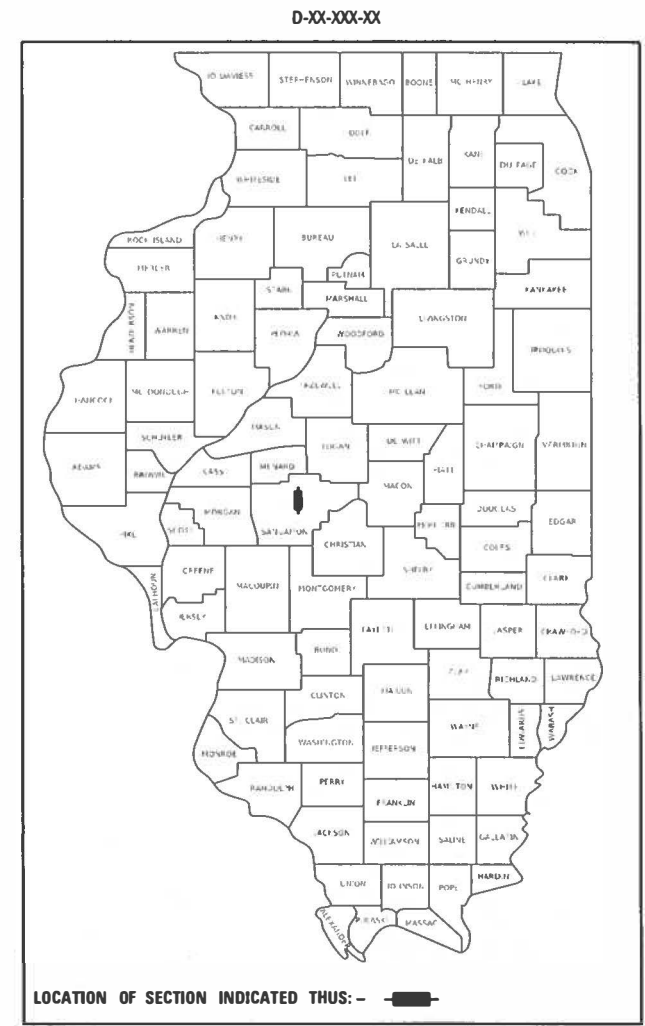
NEW BRIDGE
PROP. S.N. 084-9966 (UPRR)
SINGLE-SPAN BRIDGE, 76'-6"
BK. TO BK. ABUTMENTS
STA. 47800 + 32.35 UPRR MAIN 1
AT & SOUTH GRAND AVE

END U.S.V PROJECT NSRR MAIN 1
STA. 82463 + 09.58 =
STA. 47815 + 23.71, 55.00' LT



FINAL PLANS

F.A.U. RTE. 7985A 7989	SECTION 19-00488-00-BR	COUNTY SANGAMON	TOTAL SHEETS 347	SHEET NO. 1
ILLINOIS			CONTRACT NO. 93747	



APPROVED January 19, 20 21
Nathan Bottom
CITY ENGINEER

APPROVED February 2, 20 21
Prinor Wight
DISTRICT LOCAL ROADS AND STREETS ENGINEER

APPROVED February 2, 20 21
Jeffrey Myers
REGION FOUR ENGINEER

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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
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
515001-04	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602301-04	INLET - TYPE A
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602401-07	PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' (1.52 m) DIAMETER
602411-09	PRECAST MANHOLE TYPE A 7' (2.13 m) DIAMETER
602421-09	PRECAST MANHOLE TYPE A 9' (2.74m) DIAMETER
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602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
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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)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
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
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FINAL MODEL INDEX FILE NAME: \\hanson\csc\dw\hanson\csc\01\Documents\09\hst\09\01\798\Usable_Segments_III - V - V\CAD\Rail\Usable_Segments_VISheetD09\01\798\hst-cover-us-v-01.dgn

FINAL



USER NAME = Pop00275	DESIGNED - DJP	REVISED -
PLOT SCALE = 2.00' / in.	CHECKED - MNM	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
INDEX AND STANDARDS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	2
	09L0179B			CONTRACT NO. 93747
* 7985A & 7989	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

1. 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.
2. 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.
3. 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.
4. ELEVATION DATA IS BASED ON: IL STATE PLANE COORDINATE SYSTEM WEST ZONE DATUM OF NAD 83 (2011), ORTHO HEIGHT OF NAVD88 GEOID 12A
5. ALL DISTURBED AREAS OUTSIDE THE CONSTRUCTION LIMITS SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE DEPARTMENT.
6. 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.
7. BEFORE ORDERING ANY PIPES OR DRAINAGE STRUCTURES, THE CONTRACTOR SHALL VERIFY LENGTHS AND QUANTITIES REQUIRED.
8. 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
9. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCY IMMEDIATELY.
10. DRAWINGS AND DETAILS ARE ASSUMED NOT TO SCALE UNLESS OTHERWISE NOTED.
11. ADJUSTMENT OF PROPOSED GRADES TO MATCH EXISTING FIELD CONDITIONS MAY BE REQUIRED. THE ENGINEER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION OF GRADE MODIFICATIONS.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. SEVERAL TRACK ALIGNMENTS ARE SHOWN ON THESE PLANS. THE ONLY TRACKS TO BE CONSTRUCTED IN THIS CONTRACT ARE THE NSRR STAGE 1 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.
19. 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.
20. THE CONTRACTOR SHALL HAVE AND FOLLOW A SAFETY PLAN THAT CONFORMS TO ALL APPLICABLE OSHA AND FRA GUIDELINES.
21. 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.
22. 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.
23. 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.

24. 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.
25. 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.
26. 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 <http://www.nscorp.com/content/nscorp/en/real-estate/norfolk-southern-services/wire-pipeline-fiber-optic-projects.html> 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.
27. ALL E-MAIL CORRESPONDENCE WITH NORFOLK SOUTHERN SHOULD USE THE SUBJECT LINE "SUBJECT" - SPRINGFIELD IL- NS FILE BR0020537 & BR0020536 - USABLE SEGMENT V - DH-414.72 & 415.23. 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 TERENCE BERRY (Terrence.Berry@jacobs.com AND Charles.Berry@nscorp.com)
28. WHEN THE PROJECT REQUIRES MORE THAN 30 CONSECUTIVE DAYS OF FLAGGING. THE CONTRACTOR 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. THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF ENGINEERS FIELD OFFICE.
29. 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.
30. 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.
31. 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.

COMMITMENTS

1. ACCESS TO THE BILLBOARD LOCATED ON THE TEMPORARY EASEMENT SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT CONSTRUCTION OF THE PROJECT. THERE WILL BE NO INTERFERENCE WITH THE ACCESS TO OR USE OF THE ADVERTISING BILLBOARD IN CONNECTION WITH THE RAILROAD IMPROVEMENTS.

UTILITY NOTES

1. 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.
2. 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	SANGAMON COUNTY (WATER RECLAMATION DISTRICT) GREG HUMPHREY (217) 528-0491 3000 NORTH 8TH STREET SPRINGFIELD, IL 62707
CWLP (ELECTRIC) SHAUN ANDERS (217) 321-1323 1008 EAST MILLER STREET SPRINGFIELD, IL 62702	AMEREN CILCO NORTH (ELECTRIC) NICHOLAS REED (217) (W) (217)753-6459 (217) (M) (708)466-9027 825 NORTH MACARTHUR SPRINGFIELD, IL 62702	CENTURY LINK (LEVEL 3 COMMUNICATIONS) BRYAN HANKINS (720) 480-3364 624 WHITE OAK DR. CHATHAM, IL 62629
COMCAST DAVID BLY (224) 229-5267 (W) (217) 306-3759 (M) 711 SOUTH DIRKSEN PARKWAY SPRINGFIELD, IL 62703	ATT (DISTRIBUTION) MIKE OSMOND (217) 789-5644 1640 EAST HAZEL DELL ROAD SPRINGFIELD, IL 62703	WINDSTREAM KDL, INC. DAVID FERREIRA - (309) 282-3110 (W) (309) 253-0930 (M) 211-B SW ADAMS STREET PEORIA, IL 61602
CITY OF SPRINGFIELD (SEWER DEPARTMENT) VINCE SMITH (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
CITY OF SPRINGFIELD (PUBLIC WORKS) THOMAS HEAVISIDES (217) 789-2255 ROOM 203 MUNICIPAL CENTER WEST 300 SOUTH SEVENTH STREET SPRINGFIELD, IL 62701

	USER NAME = Pop00275	DESIGNED - DJP	REVISED -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS GENERAL NOTES AND UTILITY INFORMATION</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.00' / in.	CHECKED - MNM	REVISED -			* 19-00488-00-BR	SANGAMON	347	4	
	PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -			09L0179B	CONTRACT NO.	93747		
						* 7985A & 7989	ILLINOIS	FED. AID PROJECT		

FINAL

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 \VICAD\Balf\Usable_Segment_VISheetD090101798\chc-gp-mo-rs-45V41.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
Δ *	20100500 TREE REMOVAL, ACRES	ACRE	0.75						0.25	0.50
*	20200100 EARTH EXCAVATION	CU YD	24892						4332	20560
	20200200 ROCK EXCAVATION	CU YD	52						52	
	20400800 FURNISHED EXCAVATION	CU YD	36495							36495
	20800150 TRENCH BACKFILL	CU YD	1206						463	743
	20900110 POROUS GRANULAR BACKFILL	CU YD	107						107	
Δ	25000110 SEEDING, CLASS 1A	ACRE	7.25						1.25	6.00
Δ	25000400 NITROGEN FERTILIZER NUTRIENT	POUND	644						113	531
Δ	25000500 PHOSPHORUS FERTILIZER NUTRIENT	POUND	644						113	531
Δ	25000600 POTASSIUM FERTILIZER NUTRIENT	POUND	644						113	531
Δ	25000700 AGRICULTURAL GROUND LIMESTONE	TON	14.3						2.5	11.8
Δ	25100115 MULCH, METHOD 2	ACRE	2.75						1.25	1.50
Δ	25100125 MULCH, METHOD 3	ACRE	3.00							3.00
Δ	25100630 EROSION CONTROL BLANKET	SQ YD	7265							7265

* PAY ITEM REQUIRES A SPECIAL PROVISION

Δ SPECIALTY ITEMS

MODEL Sheet 1
FILE NAME: p:\hanson\hnc\paw\hanson.com\hanson-pw-01\Documents\09\hnc\091798\Usable Segments III - V - V\CA010\Usable Segment V\SheetD660101798-S00-US1-001.dgn



USER NAME = Pop00275	DESIGNED - DJP	REVISED -
PLOT SCALE = 0.17' / in.	DRAWN - DJP	REVISED -
PLOT DATE = 2/10/2021	CHECKED - MNM	REVISED -
	DATE - 1/18/2021	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.
*	19-00488-00-BR	SANGAMON	347	5
	0910179B		CONTRACT NO. 93747	
* 7985A & 7989		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 1 OF 18 SHEETS STA. TO STA.

FINAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	975						375	600
28000305	TEMPORARY DITCH CHECKS	FOOT	240							240
28000400	PERIMETER EROSION BARRIER	FOOT	4195						812	3383
28000500	INLET AND PIPE PROTECTION	EACH	50							50
28100630	BROKEN CONCRETE DUMPED RIPRAP	SQ YD	19							19
28200200	FILTER FABRIC	SQ YD	19							19
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	4531						617	3914
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	317						317	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9778						971	8807
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	979						98	881
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	713						55	658
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	366						37	329
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	173							173
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	287							287

* PAY ITEM REQUIRES A SPECIAL PROVISION
A SPECIALTY ITEM

FINAL

MODEL: Sheet 2
 FILE NAME: p:\hanson\hanson\paw.bentley.com\hanson-anv-01\Documents\09jobs\091798\Usable_Segments_III - V - VNCAD\091798\Usable_Segments_VSheet06091798-SQ-USV-001.dgn



USER NAME = Pop00275	DESIGNED - DJP	REVISED -
	DRAWN - DJP	REVISED -
PLOT SCALE = 0.17" / in.	CHECKED - MNM	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	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.
*	19-00488-00-BR	SANGAMON	347	6
09L0179B		CONTRACT NO. 93747		
* 7985A & 7989		ILLINOIS FED. AID PROJECT		

SCALE: SHEET 2 OF 18 SHEETS STA. TO STA.

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5223						5223	
42400800	DETECTABLE WARNINGS	SQ FT	10						10	
44000100	PAVEMENT REMOVAL	SQ YD	8779						524	8255
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	353						215	138
44000300	CURB REMOVAL	FOOT	206						206	
44000400	GUTTER REMOVAL	FOOT	44						44	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	860						860	
44000600	SIDEWALK REMOVAL	SQ FT	4352						2491	1861
44003100	MEDIAN REMOVAL	SQ FT	2628						2628	
44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ YD	12						12	
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	263						263	
45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	975							975
45200300	JOINT OR CRACK FILLING	POUND	271							271
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1					1		

* PAY ITEM REQUIRES A SPECIAL PROVISION
 Δ SPECIALTY ITEMS



USER NAME = Pop00275	DESIGNED - DJP	REVISED -
PLOT SCALE = 0.17" / in.	DRAWN - DJP	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	7
09L0179B		CONTRACT NO. 93747		
SCALE: SHEET 3 OF 18 SHEETS STA.		TO STA. * 7985A & 7989 ILLINOIS FED. AID PROJECT		

MODEL: Sheet 3
 FILE NAME: p:\hanson\hanson\proj\011\Documents\09\Jobs\09L0179B\Usable Segments III - V - V\CAD\Rail\Usable Segment Worksheet\09L0179B-S00-USV.dgn

FINAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
• 50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1					
• 50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1					1		
• 50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1				1			
50102400	CONCRETE REMOVAL	CU YD	15.8					15.8		
50104650	SLOPE WALL REMOVAL	SQ YD	2054						2054	
50200100	STRUCTURE EXCAVATION	CU YD	2059	453	381	466	257	502		
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	80	39	41					
• 50300225	CONCRETE STRUCTURES	CU YD	900.7	281.2	290.9	109.8	190.8		28.0	
• 50300255	CONCRETE SUPERSTRUCTURE	CU YD	232.4		127.8	15.6	89.0			
50300265	SEAL COAT CONCRETE	CU YD	31.0	16.0	15.0					
• 50300285	FORM LINER TEXTURED SURFACE	SQ FT	4798			1439	1322	2037		
50500505	STUD SHEAR CONNECTORS	EACH	12376		8064		4312			
50800105	REINFORCEMENT BARS	POUND	699200	49660	85380	223400	215480	125280		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	186400	41820	57140	25770	38260	21710	1700	

* PAY ITEM REQUIRES A SPECIAL PROVISION
 Δ SPECIALTY ITEM 5

MODEL: Sheet 4
 FILE NAME: p:\hanson\hnc\paw\hanson\paw\hanson\paw\01\Documents\091005\0910179B\Usable Segment - Worksheet0910179B-SOP-USV-001.dgn
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PLOT DATE = 1/18/2021	CHECKED - MNM	REVISED -
	DATE - 1/18/2021	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.
*	19-00488-00-BR	SANGAMON	347	8
09L0179B		CONTRACT NO. 93747		
* 7985A & 7989		ILLINOIS FED. AID PROJECT		

SCALE: SHEET 4 OF 18 SHEETS STA. TO STA.

FINAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
51100100	SLOPE WALL 4 INCH	SQ YD	507					507		
51500100	NAME PLATES	EACH	4	1	1	1	1			
51603000	DRILLED SHAFT IN SOIL	CU YD	1058.3	80.6	198.1	207.9	194.3	377.4		
51604000	DRILLED SHAFT IN ROCK	CU YD	700.3	31.4	148.3	179.0	179.0	162.6		
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	12870	941	1196				6588	4145
52200265	SECANT LAGGING	CU FT	5246			1359	827	3060		
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	233.1					233.1		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4							4
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	15							15
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	121						38	83
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	570							570
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	331							331
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	60						60	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	312						312	

* PAY ITEM REQUIRES A SPECIAL PROVISION
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USER NAME = Pep00275	DESIGNED - DJP	REVISED -
PLOT SCALE = 0.17" / in.	DRAWN - DJP	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM	REVISED -
	DATE - 1/18/2021	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.
*	19-00488-00-BR	SANGAMON	347	9
09L0179B		CONTRACT NO. 93747		
P 7985A & 7989		ILLINOIS FED. AID PROJECT		

SCALE: SHEET 5 OF 18 SHEETS STA. TO STA.

MODEL: Sheet 5
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MODEL: Sheet 6
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	498						498	
55100500	STORM SEWER REMOVAL 12"	FOOT	134							134
55100700	STORM SEWER REMOVAL 15"	FOOT	24						24	
55100900	STORM SEWER REMOVAL 18"	FOOT	20						20	
55101100	STORM SEWER REMOVAL 21"	FOOT	26						26	
55101200	STORM SEWER REMOVAL 24"	FOOT	250						250	
55200900	STORM SEWERS JACKED IN PLACE, 24"	FOOT	44						44	
55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	112							112
55201700	STORM SEWERS JACKED IN PLACE, 54"	FOOT	85							85
56100800	WATER MAIN 10"	FOOT	296							296
58000100	MEMBRANE WATERPROOFING	SQ FT	6899		4081		2818			
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	614	138	114	103	182	77		
58700300	CONCRETE SEALER	SQ FT	25374	3696	3364	4088	2897	4257	7072	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	331	74	78	61	85	33		

* PAY ITEM REQUIRES A SPECIAL PROVISION
 Δ SPECIALTY ITEMS



USER NAME = Pcp00275	DESIGNED - DJP	REVISED -
PLOT SCALE = 0.17' / in.	DRAWN - DJP	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	10
	09L0179B		CONTRACT NO. 93747	
7 7985A & 7989		ILLINOIS FED. AID PROJECT		

SCALE: SHEET 6 OF 18 SHEETS STA. TO STA.

FINAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	20							20
60100915	PIPE DRAINS 6"	FOOT	93							93
60108212	PIPE UNDERDRAINS, TYPE 2, 12"	FOOT	6061							6061
60108500	PIPE UNDERDRAINS 12" (SPECIAL)	FOOT	212							212
60200205	CATCH BASIN TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1							1
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7						6	1
60218500	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	4						4	
60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	25							25
60221700	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 8 GRATE	EACH	2							2
60224447	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1						1	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	5						5	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	8							8
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	2						2	
60263100	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	4						4	

* PAY ITEM REQUIRES A SPECIAL PROVISION
 Δ SPECIALTY ITEMS



USER NAME = Pop00275	DESIGNED - DJP	REVISED -
DRAWN - DJP	CHECKED - MNM	REVISED -
PLOT SCALE = 0.17' / in.	DATE - 1/18/2021	REVISED -
PLOT DATE = 1/18/2021		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	11
	09L0179B		CONTRACT NO. 93747	
	7985A & 7989	ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 7 OF 18 SHEETS STA. TO STA.

MODEL: Sheet 7
 FILE NAME: \\w\hanson\c\p\hanson\p\01\Documents\09L0179B\Usable Segments III - V - VTCAD\Rail\Usable Segment V\SheetD6610179B-506-USV-091.dgn

FINAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
60500040	REMOVING MANHOLES	EACH	6						1	5
60500060	REMOVING INLETS	EACH	3						3	
60500105	FILLING MANHOLES	EACH	1						1	
60602800	CONCRETE GUTTER, TYPE B	FOOT	121					121		
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	16						16	
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	668						668	
60607400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24	FOOT	481						481	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3497						3497	
60801006	FLAP GATE 6"	EACH	1						1	
60801008	FLAP GATE 8"	EACH	5						5	
△ • 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50						25	25
63200310	GUARDRAIL REMOVAL	FOOT	253						27	226
△ 66400105	CHAIN LINK FENCE, 4'	FOOT	115						115	
△ • 66500105	WOVEN WIRE FENCE, 4'	FOOT	5326							5326

* PAY ITEM REQUIRES A SPECIAL PROVISION
 △ SPECIALTY ITEMS



USER NAME = Pop00275	DESIGNED - DJP	REVISED -
PLOT SCALE = 0.17' / in.	DRAWN - DJP	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM	REVISED -
	DATE - 1/18/2021	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.
*	19-00488-00-BR	SANGAMON	347	12
	09L0179B		CONTRACT NO. 93747	
* 7985A & 7989		ILLINOIS FED. AID PROJECT		

SCALE: SHEET 8 OF 18 SHEETS STA. TO STA.

MODEL: Sheet 8
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
Δ • 66501600	WOVEN WIRE GATES, 4' X 16' DOUBLE	EACH	5							5
Δ • 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	5322							5322
Δ • 66900530	SOIL DISPOSAL ANALYSIS	EACH	2							2
Δ • 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1							1
Δ • 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1							1
Δ • 66901006	REGULATED SUBSTANCES MONITORING	CAL DAY	55							55
• 67000400	ENGINEER'S FIELD OFFICE TYPE A	CAL MO	24						12	12
• 67100100	MOBILIZATION	L SUM	1						0.5	0.5
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	100						100	
• 70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	1460						1460	
• 70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	18						18	
• 70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	2976						2976	
• 70400100	TEMPORARY CONCRETE BARRIER	FOOT	1587.5						1587.5	
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4						4	

* PAY ITEM REQUIRES A SPECIAL PROVISION
Δ SPECIALTY ITEMS

FINAL

MODEL: Sheet 9
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PLOT DATE = 1/18/2021	CHECKED - MNM	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	13
09L0179B		CONTRACT NO. 93747		
7985A & 7989		ILLINOIS FED. AID PROJECT		

SCALE: SHEET 9 OF 18 SHEETS STA. TO STA.

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 USER = pap00275
 DESIGNED - DJP
 DRAWN - DJP
 CHECKED - MNM
 DATE - 1/18/2021
 REVISED -
 REVISED -
 REVISED -
 REVISED -

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	101						36	65
Δ 72000200	SIGN PANEL - TYPE 2	SQ FT	20						10	10
Δ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	14							14
Δ 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1						1	
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	72						72	
Δ 72900100	METAL POST - TYPE A	FOOT	206							206
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	72						72	
Δ 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	4245						4245	
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	712						712	
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	85						85	
Δ 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	24							24
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3205							3205
Δ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2							2
Δ 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	723							723

* PAY ITEM REQUIRES A SPECIAL PROVISION
 Δ SPECIALTY ITEMS



USER NAME = pap00275	DESIGNED - DJP	REVISED -
PLOT SCALE = 0.17" / in.	DRAWN - DJP	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM	REVISED -
	DATE - 1/18/2021	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.
*	19-00488-00-BR	SANGAMON	347	14
09L01798		CONTRACT NO. 93747		
* 7985A & 7989		ILLINOIS FED. AID PROJECT		

SCALE: SHEET 10 OF 18 SHEETS STA. TO STA.

FINAL

MODEL: Sheet_12
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
Δ 83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	16							16
Δ 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	2							2
Δ 84200804	REMOVAL OF POLE FOUNDATION	EACH	4							4
Δ *	89502210 MODIFY EXISTING CONTROLLER CABINET	EACH	2						2	
*	X0301430 PRECAST CONCRETE PARKING BLOCK	EACH	134							134
*	X0320002 DRAINAGE SYSTEM, NO. 2	EACH	1		1					
*	X0320009 DRAINAGE SYSTEM, NO. 4	EACH	1				1			
*	X0320051 CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	1006	376		630				
*	X0324752 STORM SEWER TO BE FILLED	CU YD	306							306
Δ *	X0326266 ETHERNET SWITCH	EACH	2						2	
*	X0326671 CONCRETE SURFACE COLOR TREATMENT	SQ FT	4544	634	208	430	149	116	3007	
*	X0326805 FOUNDATION REMOVAL	SQ FT	754						754	
*	X0327132 DRAINAGE STRUCTURES, NO. 2	EACH	2							2
*	78300202 PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	247							247

* PAY ITEM REQUIRES A SPECIAL PROVISION
 Δ SPECIALTY ITEMS

USER NAME = Pop00275	DESIGNED - DJP	REVISED -
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	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET 12 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
19-00488-00-BR	SANGAMON	347	16	
09L0179B	CONTRACT NO. 93747			
7985A & 7989	ILLINOIS FED. AID PROJECT			



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
* X1200107	PIPE UNDERDRAINS 6" (MODIFIED)	FOOT	3526							3526
Δ X1400076	COBALT CONTROLLER	EACH	2						2	
Δ X1400238	LUMINAIRE, LED, SPECIAL	EACH	10							10
Δ X2200018	ORNAMENTAL FENCE	FOOT	261						261	
Δ X2503000	MAINTENANCE MOWING	ACRE	21.50						3.75	17.75
* X3400002	DEMOLITION OF EXISTING PUMP STATION	L SUM	1						1	
* X3400004	RETAINING WALL REMOVAL	FOOT	92							92
* X5030540	FLOOR DRAINS (SPECIAL)	EACH	42		24		18			
Δ X5060601	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1					1		
* X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	288						288	
* X5800110	MEMBRANE WATERPROOFING (SPECIAL)	SQ FT	7964	4836		3128				
* X6012108	PIPE DRAINS 18" (SPECIAL)	FOOT	1766							1766
* X6020084	MANHOLE, SPECIAL	EACH	2							2
* X6020101	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID (SPECIAL)	EACH	3							3

* PAY ITEM REQUIRES A SPECIAL PROVISION
Δ SPECIALTY ITEMS



USER NAME = Pop0275	DESIGNED - DJP	REVISED -
DRAWN - DJP	CHECKED - MNM	REVISED -
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PLOT DATE = 1/18/2021		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	17
	09L0179B		CONTRACT NO. 93747	
SCALE: SHEET 13 OF 18 SHEETS STA. TO STA.		* 7985A & 7989 ILLINOIS FED. AID PROJECT		

FINAL

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
• X6022900	CATCH BASINS TO BE RECONSTRUCTED (SPECIAL)	EACH	1						1	
• X6050210	FILLING CATCH BASINS, SPECIAL	EACH	1						1	
• X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	2						2	
• X6640300	CHAIN LINK FENCE REMOVAL	FOOT	1105						1105	
Δ • X6640308	CHAIN LINK GATES, (SPECIAL)	EACH	5							5
Δ • X6640570	CHAIN LINK FENCE, 8' (SPECIAL)	FOOT	1562							1562
• X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1						1	
• X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	1271						1271	
Δ • X8130350	JUNCTION BOX EMBEDDED IN STRUCTURE, SPECIAL	EACH	8						8	
Δ • X8300040	LIGHT POLE, ALUMINUM, 20 FT. M.H., 15 FT. DAVIT ARM	EACH	2							2
Δ • X8300045	LIGHT POLE, ALUMINUM, 25 FT. M.H., 15 FT. DAVIT ARM	EACH	3							3
Δ • X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	901						901	
Δ • XX004913	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	173						173	
• XX008948	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 1	L SUM	1	1						

* PAY ITEM REQUIRES A SPECIAL PROVISION
 Δ SPECIALTY ITEMS



USER NAME = Pop00275	DESIGNED - DJP	REVISED -
PLOT SCALE = 0.17' / in.	DRAWN - DJP	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
19-00488-00-BR	09L0179B	SANGAMON	347	18
SCALE:		CONTRACT NO. 93747		
SHEET 14 OF 18 SHEETS STA. TO STA.		7985A & 7989 ILLINOIS FED. AID PROJECT		

FINAL

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
• XX008949	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 2	L SUM	1		1					
Δ • XX008952	LUMINAIRE, DECORATIVE ELECTROLUMINESCENT LIGHT TAPE	FOOT	344							344
• XX009183	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 3	L SUM	1			1				
• XX009184	FURNISHING AND ERECTING STRUCTURAL STEEL BRIDGE NO. 4	L SUM	1				1			
Δ • XX009189	PUMP STATION ELECTRICAL WORK, NO. 1	L SUM	1							1
Δ • XX009190	PUMP STATION ELECTRICAL WORK, NO. 2	L SUM	1							1
Δ • XX009191	PUMP STATION MECHANICAL WORK, NO. 1	L SUM	1							1
Δ • XX009192	PUMP STATION MECHANICAL WORK, NO. 2	L SUM	1							1
• XX009193	PRECAST PRESTRESSED CONCRETE FASCIA BEAM, NO. 1	L SUM	1	1						
• XX009194	PRECAST PRESTRESSED CONCRETE FASCIA BEAM, NO. 3	L SUM	1			1				
Δ • XX009195	PUMPING STATION, NO. 1	L SUM	1							1
Δ • XX009196	PUMPING STATION, NO. 2	L SUM	1							1
Δ • XX009316	SEWER IN METAL LINER 48"	FOOT	60							60
Δ • XX009426	SEWER IN METAL LINER 54"	FOOT	80							80

* PAY ITEM REQUIRES A SPECIAL PROVISION
 Δ SPECIALTY ITEMS



USER NAME = Pop00275	DESIGNED - DJP	REVISED -
DRAWN - DJP	REVISIONS -	
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PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	19
09L01798		CONTRACT NO. 93747		
* 7985A & 7989		ILLINOIS FED. AID PROJECT		

SCALE: SHEET 15 OF 18 SHEETS STA. TO STA.

FINAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
Δ • Z0002300	BALLAST	CU YD	292							292
Δ • Z0007124	STEEL RAILING (SPECIAL)	FOOT	1053	276	255	158	164	200		
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
• Z0013798	CONSTRUCTION LAYOUT	L SUM	1						0.5	0.5
• Z0016702	DETOUR SIGNING	L SUM	1						1	
• Z0022800	FENCE REMOVAL	FOOT	3144							3144

* PAY ITEM REQUIRES A SPECIAL PROVISION
 Δ SPECIALTY ITEMS

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PLOT DATE = 1/18/2021		

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.
*	19-00488-00-BR	SANGAMON	347	20
	09L0179B		CONTRACT NO. 93747	
* 7985A & 7989		ILLINOIS FED. AID PROJECT		

SCALE: SHEET 16 OF 18 SHEETS STA. TO STA.

FINAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK ST. UPRR BRIDGE 084-9964	COOK ST. NSRR BRIDGE 084-9965	SOUTH GRAND UPRR BRIDGE 084-9966	SOUTH GRAND NSRR BRIDGE 084-9967	RETAINING WALLS	ROAD	RAILROAD
				0008	0010	0008	0010	0044	0004	0044
* Z0065702	SLOPE WALL, SPECIAL	SQ YD	504						504	
Δ Z0069700	SUB-BALLAST	CU YD	19185							19185
Δ Z0076100	TRACK REMOVAL	FOOT	28442							28442
# Z0076600	TRAINEES	HOUR	5000							
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	5000							
Δ XX009457	CLEANING AND PAINTING EXISTING STEEL RAILING	L SUM	1					1		
Δ XX009458	LUMINAIRE, LED, UNDERPASS, WALLMOUNT, OUTPUT DESIGNATION C - TYPE 1	EACH	12							12
Δ XX009459	LUMINAIRE, LED, UNDERPASS, WALLMOUNT, OUTPUT DESIGNATION C - TYPE 2	EACH	12							12
* XX009460	SUNSHELTER	EACH	2							2

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

FINAL

MODEL: Sheet 18
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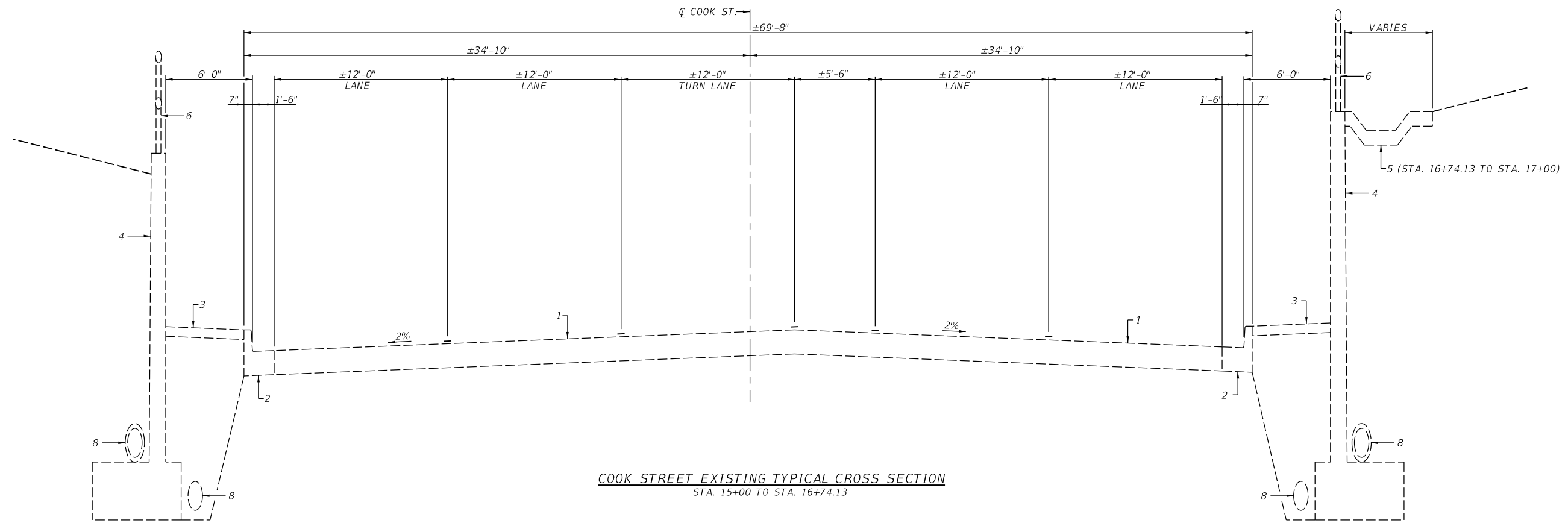
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

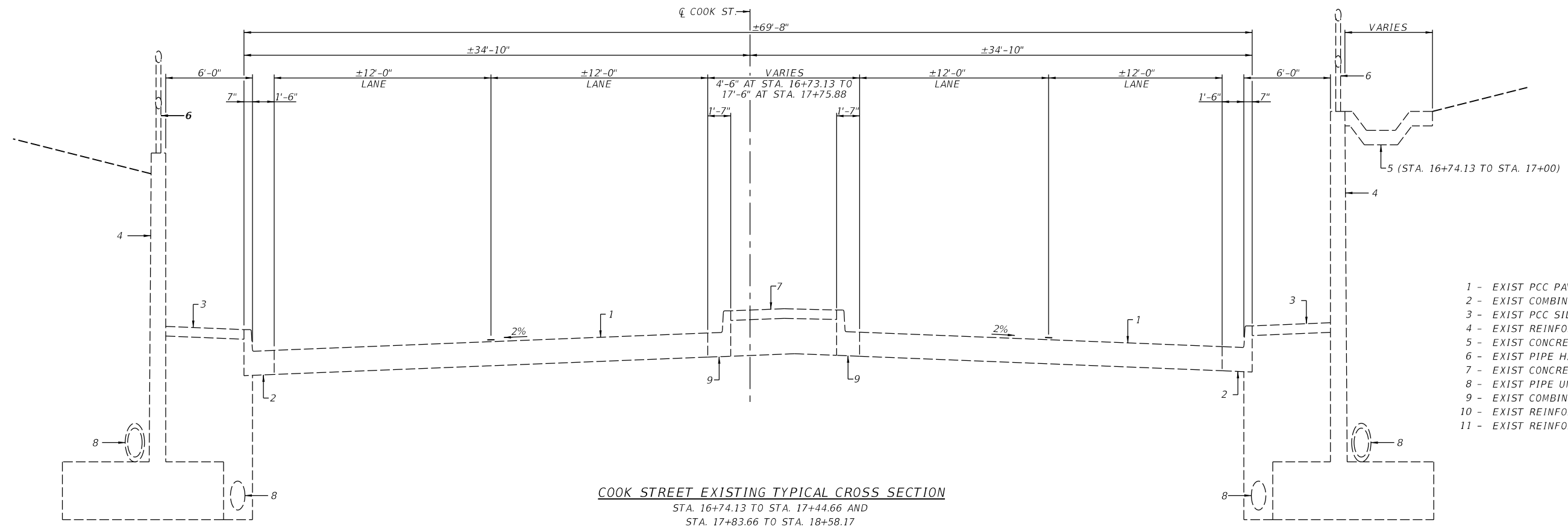
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 SUMMARY OF QUANTITIES - 18

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	22
	09L0179B		CONTRACT NO. 93747	
* 7985A & 7989		ILLINOIS FED. AID PROJECT		

SCALE: SHEET 18 OF 18 SHEETS STA. TO STA.



COOK STREET EXISTING TYPICAL CROSS SECTION
STA. 15+00 TO STA. 16+74.13



COOK STREET EXISTING TYPICAL CROSS SECTION
STA. 16+74.13 TO STA. 17+44.66 AND
STA. 17+83.66 TO STA. 18+58.17

- LEGEND**
- 1 - EXIST PCC PAVEMENT, 10"
 - 2 - EXIST COMBINATION CURB AND GUTTER, TYPE B - 6.18
 - 3 - EXIST PCC SIDEWALK, 4"
 - 4 - EXIST REINFORCED CONCRETE RETAINING WALL
 - 5 - EXIST CONCRETE PAVED DITCH
 - 6 - EXIST PIPE HANDRAIL
 - 7 - EXIST CONCRETE MEDIAN SURFACE, 4"
 - 8 - EXIST PIPE UNDERDRAINS
 - 9 - EXIST COMBINATION CURB AND GUTTER, TYPE B - 6.12
 - 10 - EXIST REINFORCED CONCRETE BRIDGE PIER
 - 11 - EXIST REINFORCED CONCRETE BRIDGE ABUTMENT

FINAL

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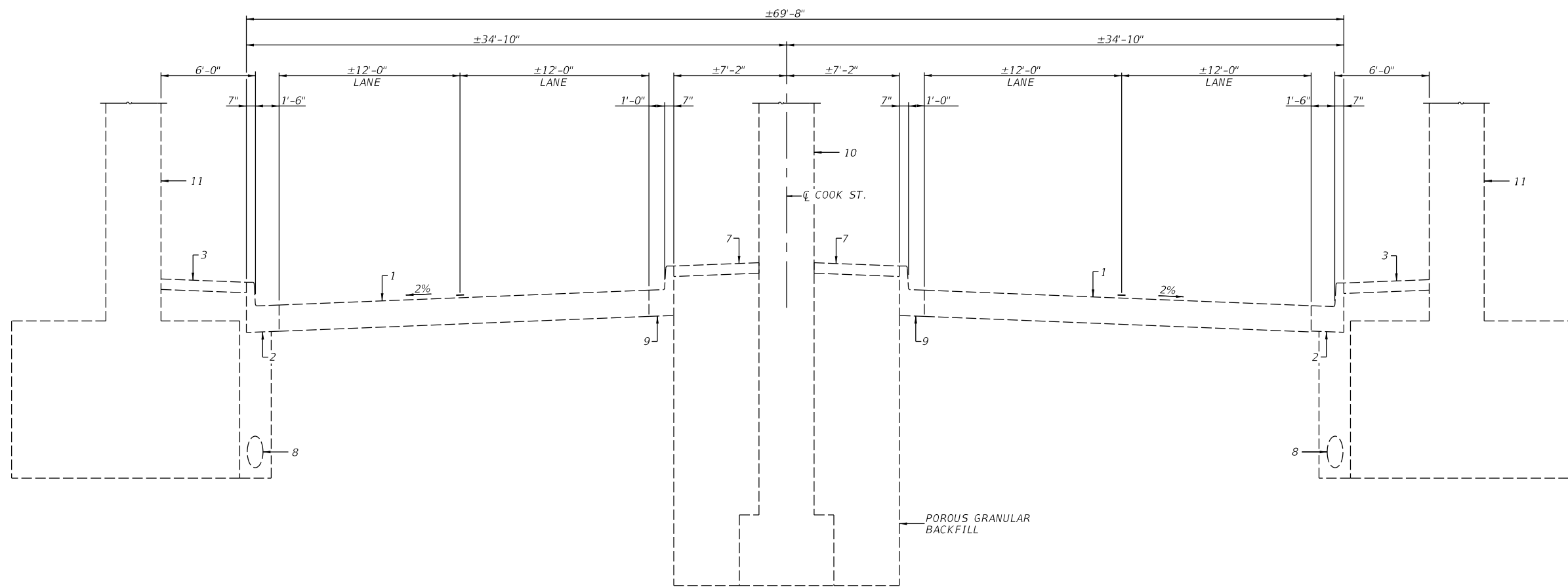
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DRAWN -	REVISED -	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

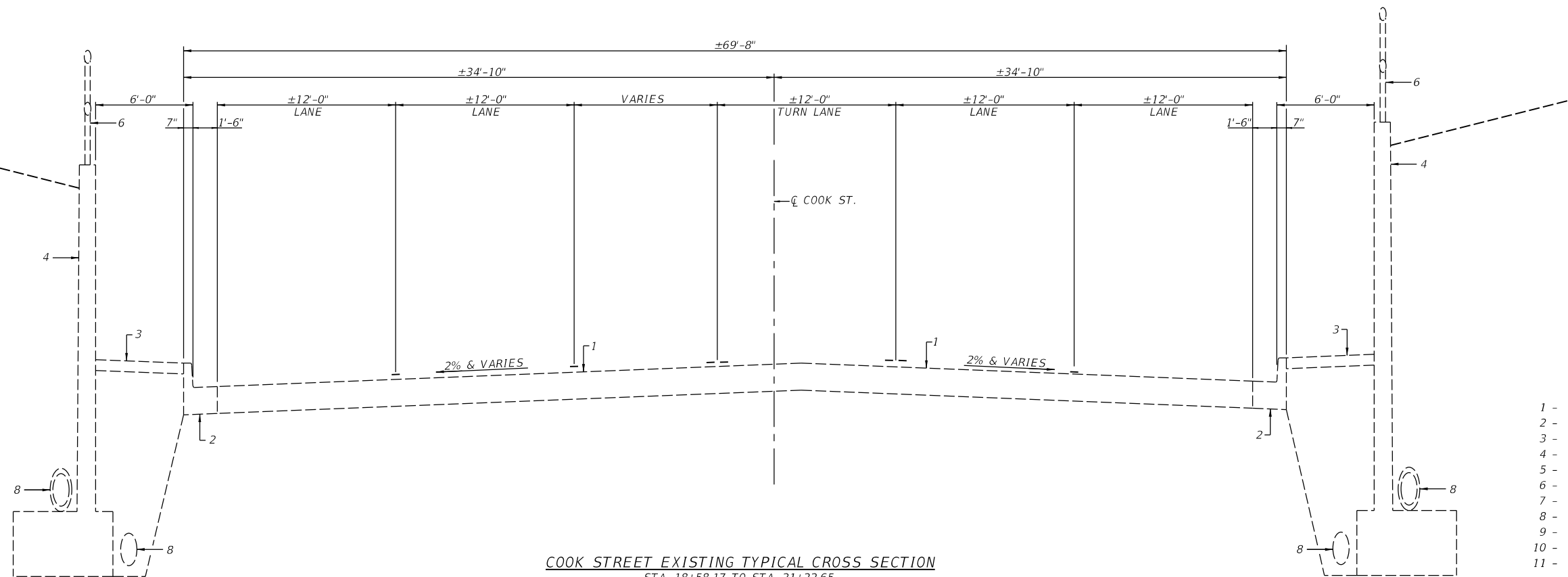
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
TYPICAL SECTIONS - COOK ST - 1**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	23
	09L0179B	CONTRACT NO.	93747	
* 7985A & 7990	ILLINOIS	FED. AID PROJECT		



COOK STREET EXISTING TYPICAL CROSS SECTION
STA. 17+44.66 TO STA. 17+83.66



COOK STREET EXISTING TYPICAL CROSS SECTION
STA. 18+58.17 TO STA. 21+22.65

- LEGEND**
- 1 - EXIST PCC PAVEMENT, 10"
 - 2 - EXIST COMBINATION CURB AND GUTTER, TYPE B - 6.18
 - 3 - EXIST PCC SIDEWALK, 4"
 - 4 - EXIST REINFORCED CONCRETE RETAINING WALL
 - 5 - EXIST CONCRETE PAVED DITCH
 - 6 - EXIST PIPE HANDRAIL
 - 7 - EXIST CONCRETE MEDIAN SURFACE, 4"
 - 8 - EXIST PIPE UNDERDRAINS
 - 9 - EXIST COMBINATION CURB AND GUTTER, TYPE B - 6.12
 - 10 - EXIST REINFORCED CONCRETE BRIDGE PIER
 - 11 - EXIST REINFORCED CONCRETE BRIDGE ABUTMENT

FINAL

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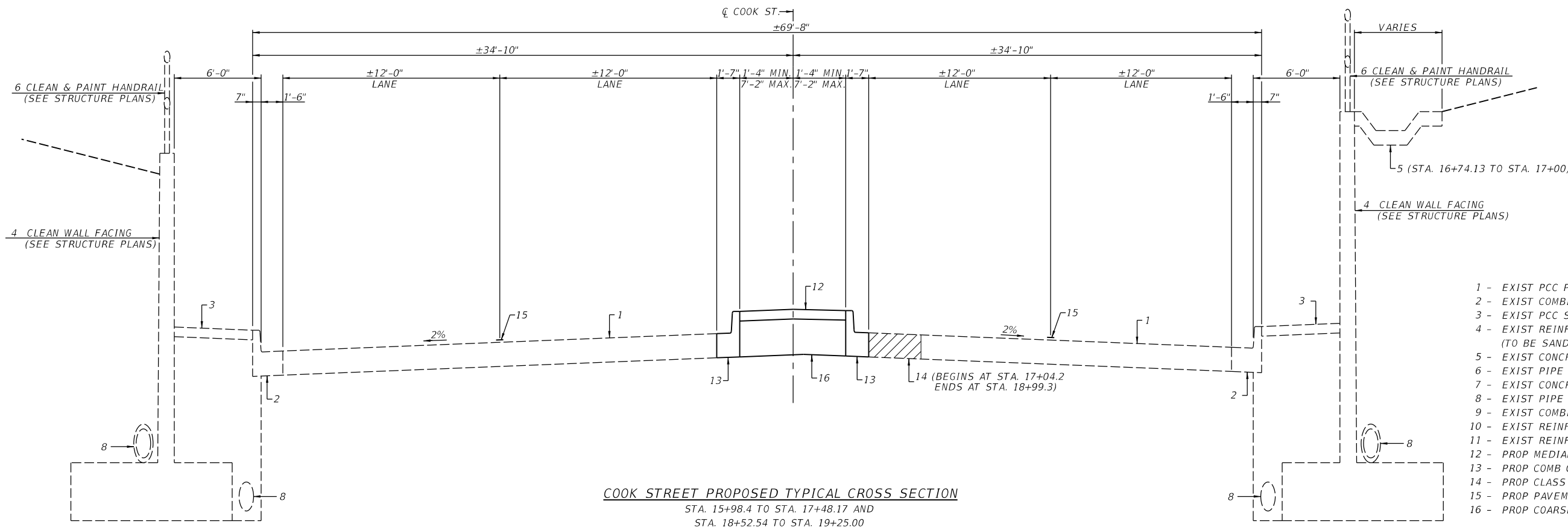
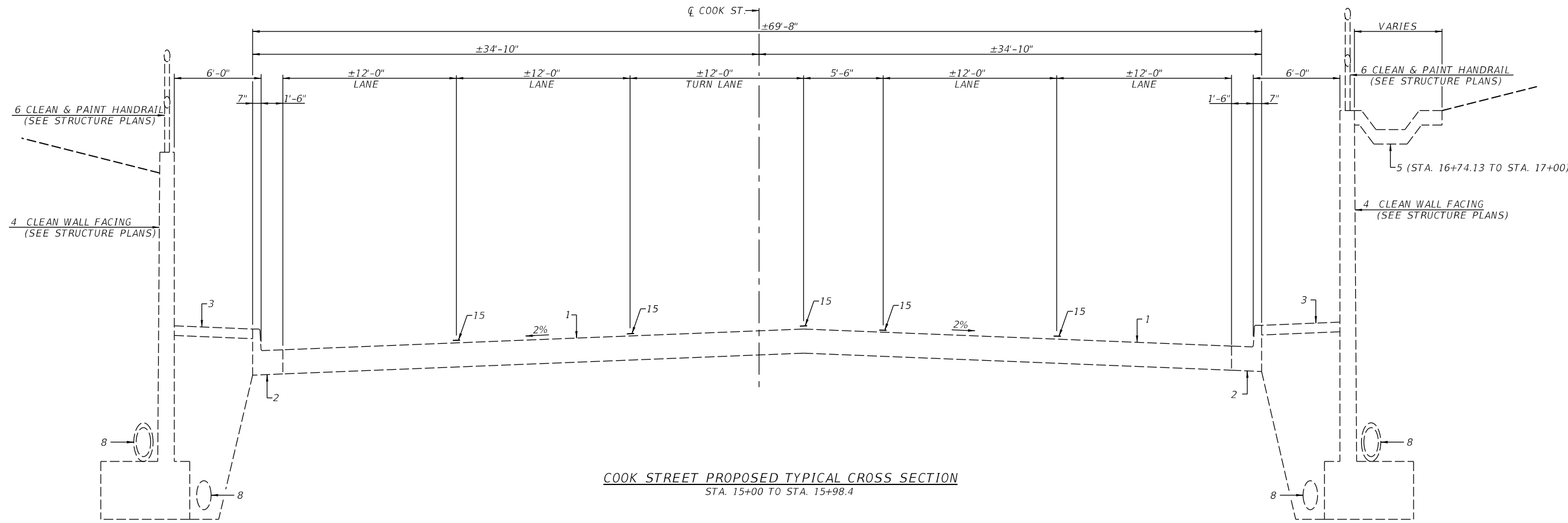
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PLOT DATE = 1/18/2021	CHECKED -	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	24
	09L0179B	ILLINOIS		9374
* 7985A & 7991		ILLINOIS FED. AID PROJECT		



- LEGEND**
- 1 - EXIST PCC PAVEMENT, 10"
 - 2 - EXIST COMBINATION CURB AND GUTTER, TYPE B - 6.18
 - 3 - EXIST PCC SIDEWALK, 4"
 - 4 - EXIST REINFORCED CONCRETE RETAINING WALL (TO BE SANDBLASTED AND SEALED)
 - 5 - EXIST CONCRETE PAVED DITCH
 - 6 - EXIST PIPE HANDRAIL
 - 7 - EXIST CONCRETE MEDIAN SURFACE, 4"
 - 8 - EXIST PIPE UNDERDRAINS
 - 9 - EXIST COMBINATION CURB AND GUTTER, TYPE B - 6.12
 - 10 - EXIST REINFORCED CONCRETE BRIDGE PIER
 - 11 - EXIST REINFORCED CONCRETE BRIDGE ABUTMENT
 - 12 - PROP MEDIAN SURFACE 4"
 - 13 - PROP COMB C & G TY B - 9.12
 - 14 - PROP CLASS C PATCH 10"
 - 15 - PROP PAVEMENT MARKING LINE - 5"
 - 16 - PROP COARSE AGGREGATE

FINAL

MODEL: 003
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USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 7,9998' / in.	DRAWN -	REVISED -
PLOT DATE = 1/18/2021	CHECKED -	REVISED -
	DATE = 1/18/2021	REVISED -

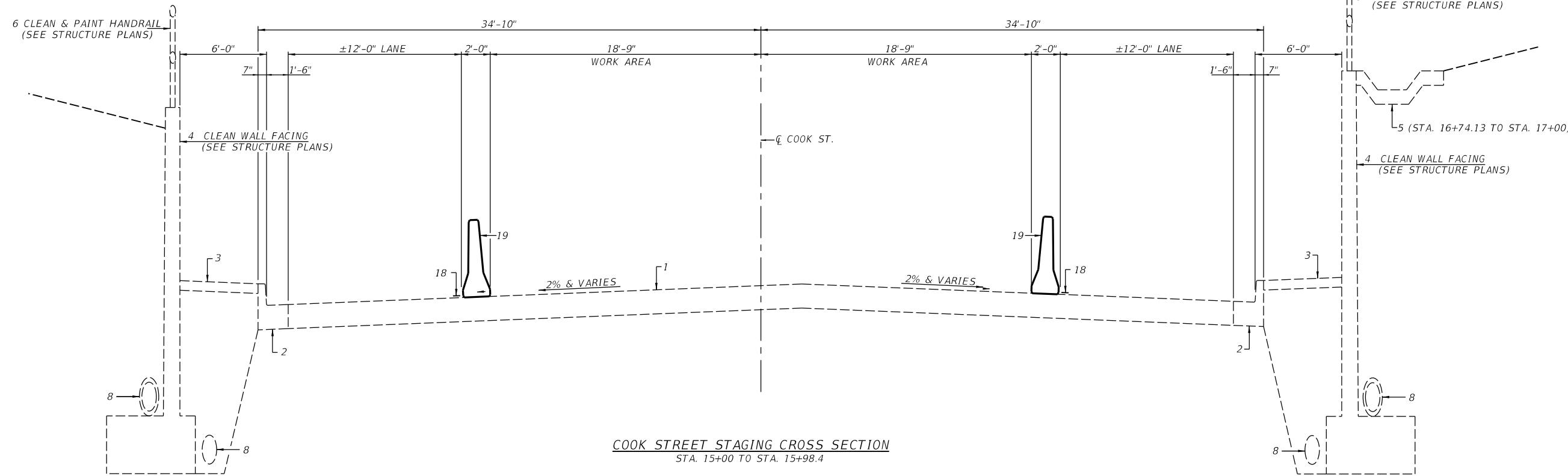
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

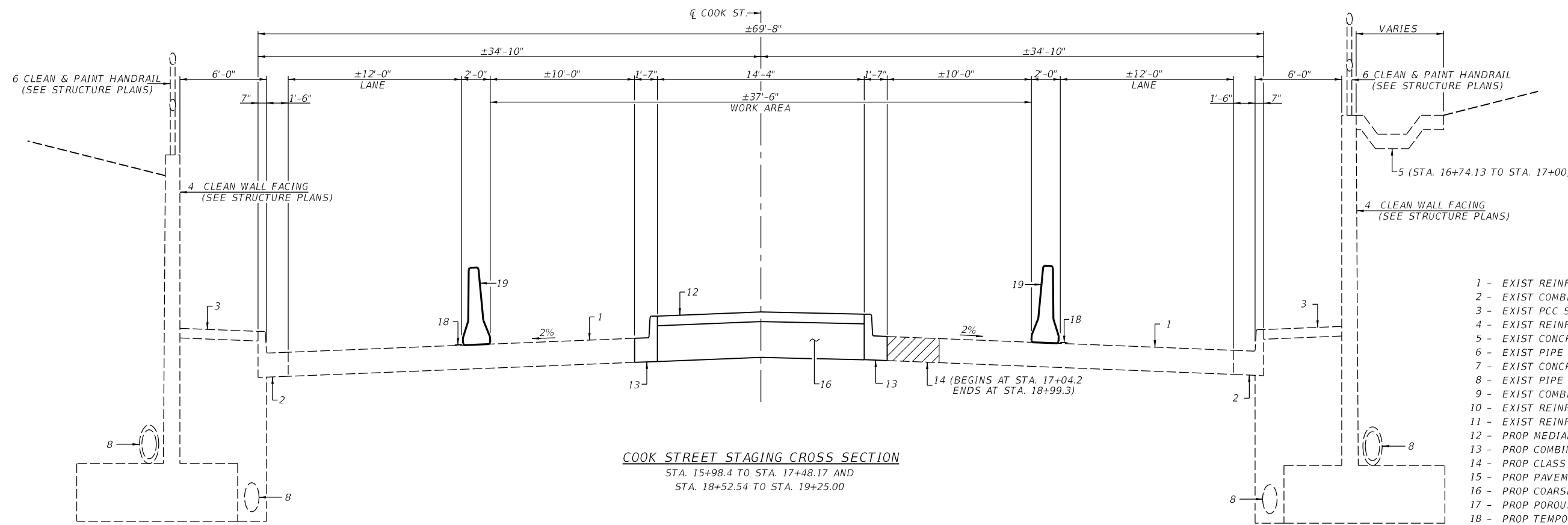
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	25
	0910179B		CONTRACT NO.	93747
* 7985A & 7992		ILLINOIS FED. AID PROJECT		

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COOK STREET STAGING CROSS SECTION
 STA. 15+00 TO STA. 15+98.4



COOK STREET STAGING CROSS SECTION
 STA. 15+98.4 TO STA. 17+48.17 AND
 STA. 18+52.54 TO STA. 19+25.00

- LEGEND**
- 1 - EXIST REINFORCED PCC PAVEMENT, 10"
 - 2 - EXIST COMBINATION CURB AND GUTTER, TYPE B - 6.18
 - 3 - EXIST PCC SIDEWALK, 4"
 - 4 - EXIST REINFORCED CONCRETE RETAINING WALL
 - 5 - EXIST CONCRETE PAVED DITCH
 - 6 - EXIST PIPE HANDRAIL
 - 7 - EXIST CONCRETE MEDIAN SURFACE, 4"
 - 8 - EXIST PIPE UNDERDRAINS
 - 9 - EXIST COMBINATION CURB AND GUTTER, TYPE B - 6.12
 - 10 - EXIST REINFORCED CONCRETE BRIDGE PIER
 - 11 - EXIST REINFORCED CONCRETE BRIDGE ABUTMENT
 - 12 - PROP MEDIAN SURFACE 4"
 - 13 - PROP COMBINATION CURB AND GUTTER TYPE B-9.24
 - 14 - PROP CLASS C PATCH 10"
 - 15 - PROP PAVEMENT MARKING LINE - 5"
 - 16 - PROP COARSE AGGREGATE
 - 17 - PROP POROUS GRANULAR BACKFILL
 - 18 - PROP TEMPORARY PAVEMENT MARKING LINE - 5"
 - 19 - PROP TEMPORARY CONCRETE BARRIER

FINAL



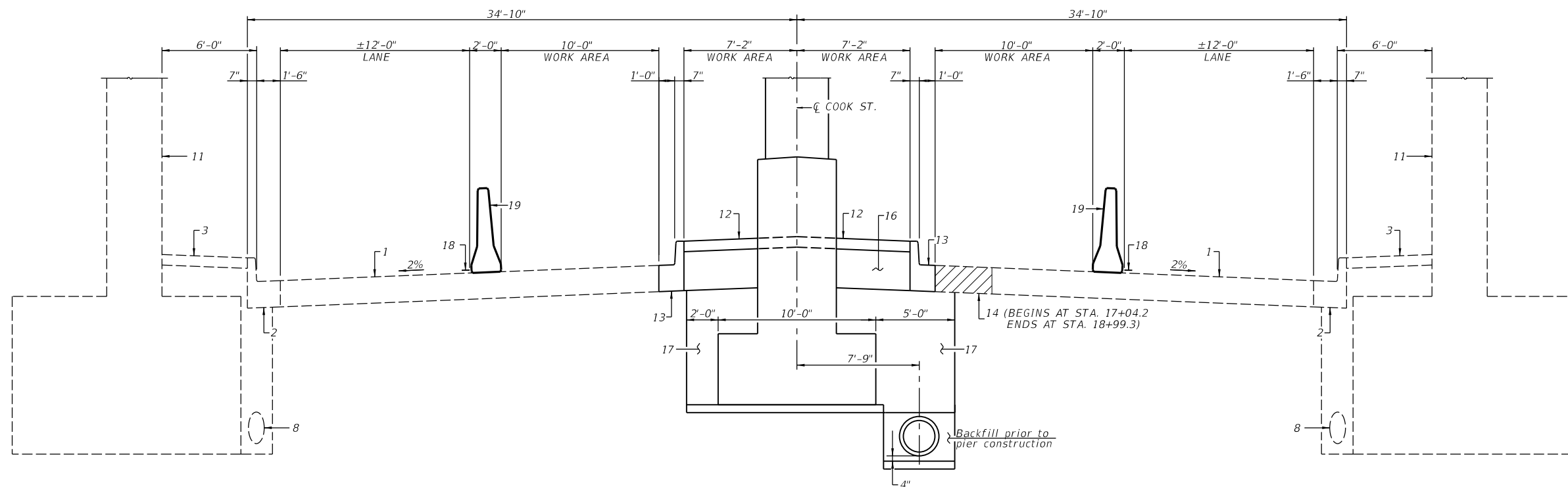
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

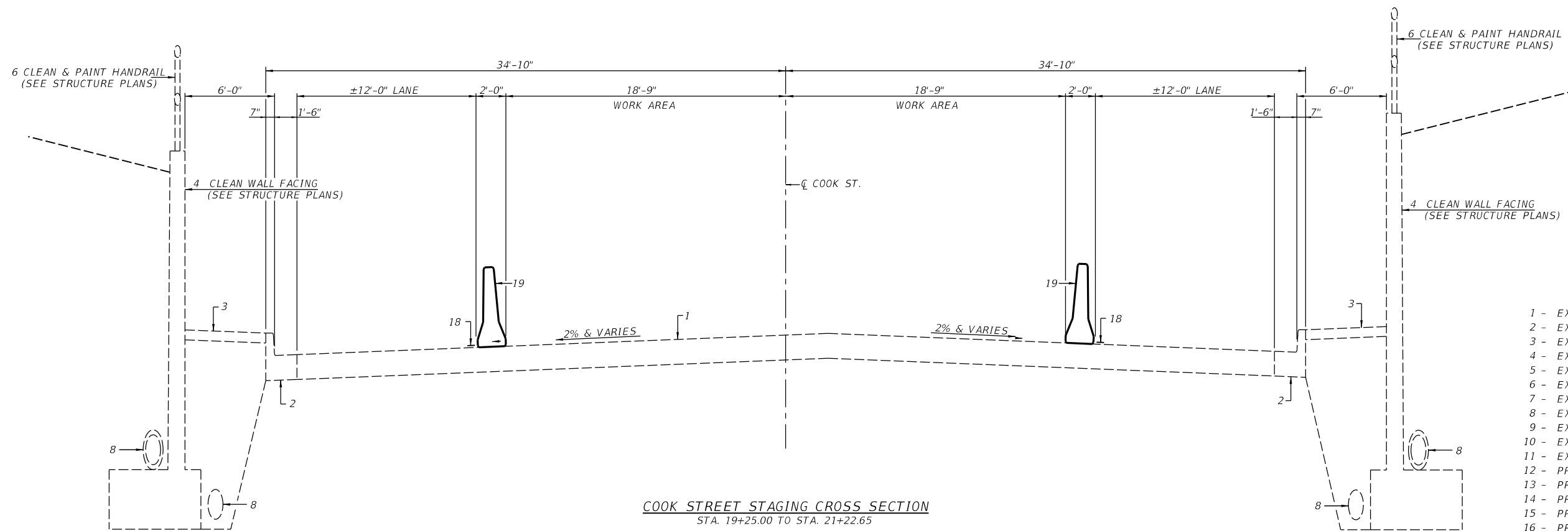
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
STAGING TYPICALS - COOK ST - 1

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	27
	09L0179B			CONTRACT NO. 93747
# 7985A & 7994	ILLINOIS	FED. AID PROJECT		



COOK STREET STAGING CROSS SECTION
STA. 17+48.17 TO STA. 18+52.54



COOK STREET STAGING CROSS SECTION
STA. 19+25.00 TO STA. 21+22.65

LEGEND

- 1 - EXIST REINFORCED PCC PAVEMENT, 10"
- 2 - EXIST COMBINATION CURB AND GUTTER, TYPE B - 6.18
- 3 - EXIST PCC SIDEWALK, 4"
- 4 - EXIST REINFORCED CONCRETE RETAINING WALL
- 5 - EXIST CONCRETE PAVED DITCH
- 6 - EXIST PIPE HANDRAIL
- 7 - EXIST CONCRETE MEDIAN SURFACE, 4"
- 8 - EXIST PIPE UNDERDRAINS
- 9 - EXIST COMBINATION CURB AND GUTTER, TYPE B - 6.12
- 10 - EXIST REINFORCED CONCRETE BRIDGE PIER
- 11 - EXIST REINFORCED CONCRETE BRIDGE ABUTMENT
- 12 - PROP MEDIAN SURFACE 4"
- 13 - PROP COMBINATION CURB AND GUTTER TYPE B-9.24
- 14 - PROP CLASS C PATCH 10"
- 15 - PROP PAVEMENT MARKING LINE - 5"
- 16 - PROP COARSE AGGREGATE
- 17 - PROP POROUS GRANULAR BACKFILL
- 18 - PROP TEMPORARY PAVEMENT MARKING LINE - 5"
- 19 - PROP TEMPORARY CONCRETE BARRIER

FINAL

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USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 7.9998' / in.	DRAWN -	REVISED -
PLOT DATE = 1/18/2021	CHECKED -	REVISED -
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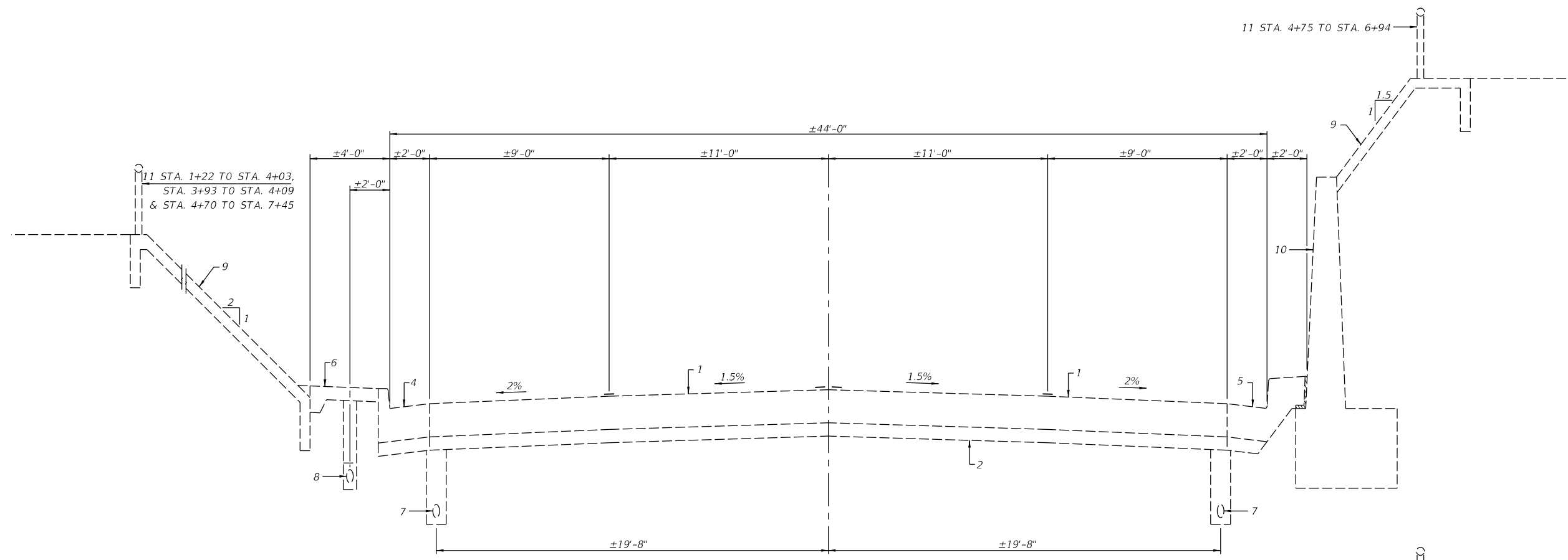
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
STAGING TYPICALS - COOK ST - 2**

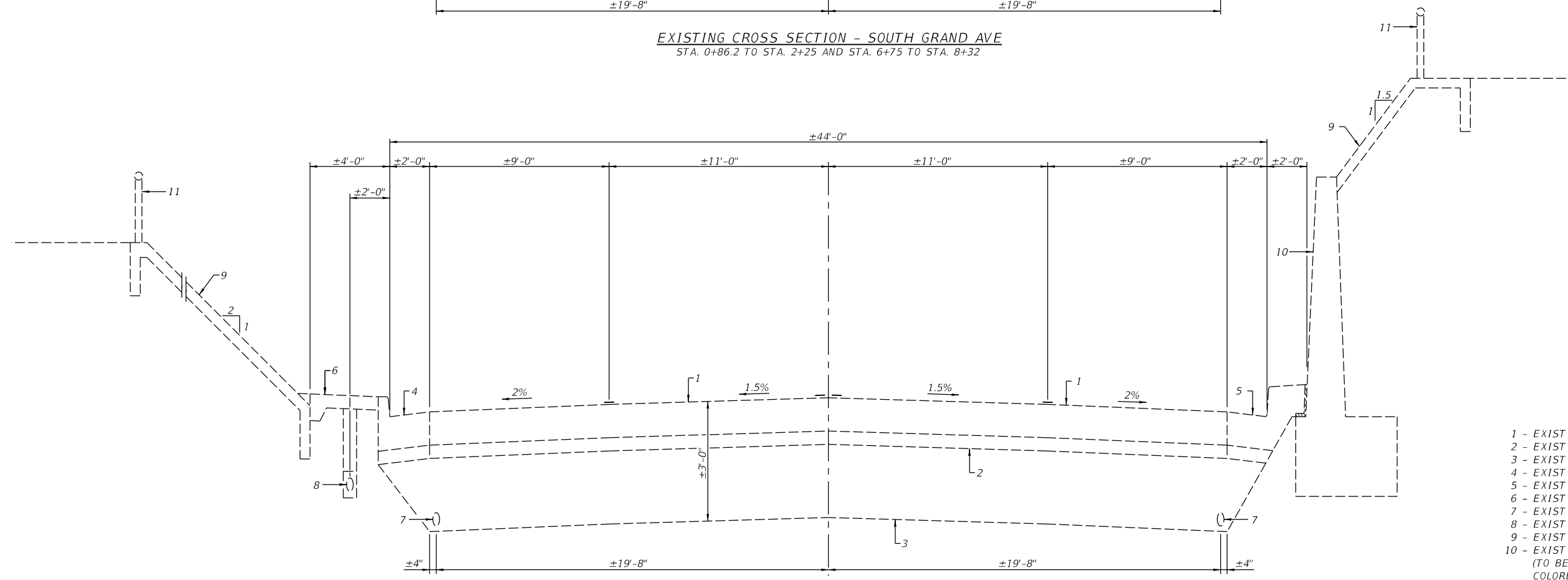
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	28
	09L0179B			CONTRACT NO. 93747
* 7985A & 7995		ILLINOIS	FED. AID PROJECT	

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EXISTING CROSS SECTION - SOUTH GRAND AVE
 STA. 0+86.2 TO STA. 2+25 AND STA. 6+75 TO STA. 8+32



EXISTING CROSS SECTION - SOUTH GRAND AVE
 STA. 2+25 TO STA. 3+88 & STA. 5+00.5 TO STA. 6+75 RT.,
 STA. 2+25 TO STA. 3+90.5 & STA. 5+04.1 TO STA. 6+75 LT.

- LEGEND**
- 1 - EXIST REINFORCED PCC PAVEMENT, 10"
 - 2 - EXIST STABILIZED SUB-BASE, 4"
 - 3 - EXIST POROUS GRANULAR EMBANKMENT
 - 4 - EXIST COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 5 - EXIST COMBINATION CURB AND GUTTER, SPECIAL
 - 6 - EXIST PCC SIDEWALK, 4"
 - 7 - EXIST PIPE UNDERDRAINS
 - 8 - EXIST BITUMINOUS FIBER CONDUIT
 - 9 - EXIST CONCRETE SLOPEWALL, 4"
 - 10 - EXIST REINFORCED CONCRETE RETAINING WALL (TO BE SANDBLASTED, CONCRETE SURFACE COLORED AND SEALED)
 - 11 - EXIST CHAIN LINK FENCE

FINAL



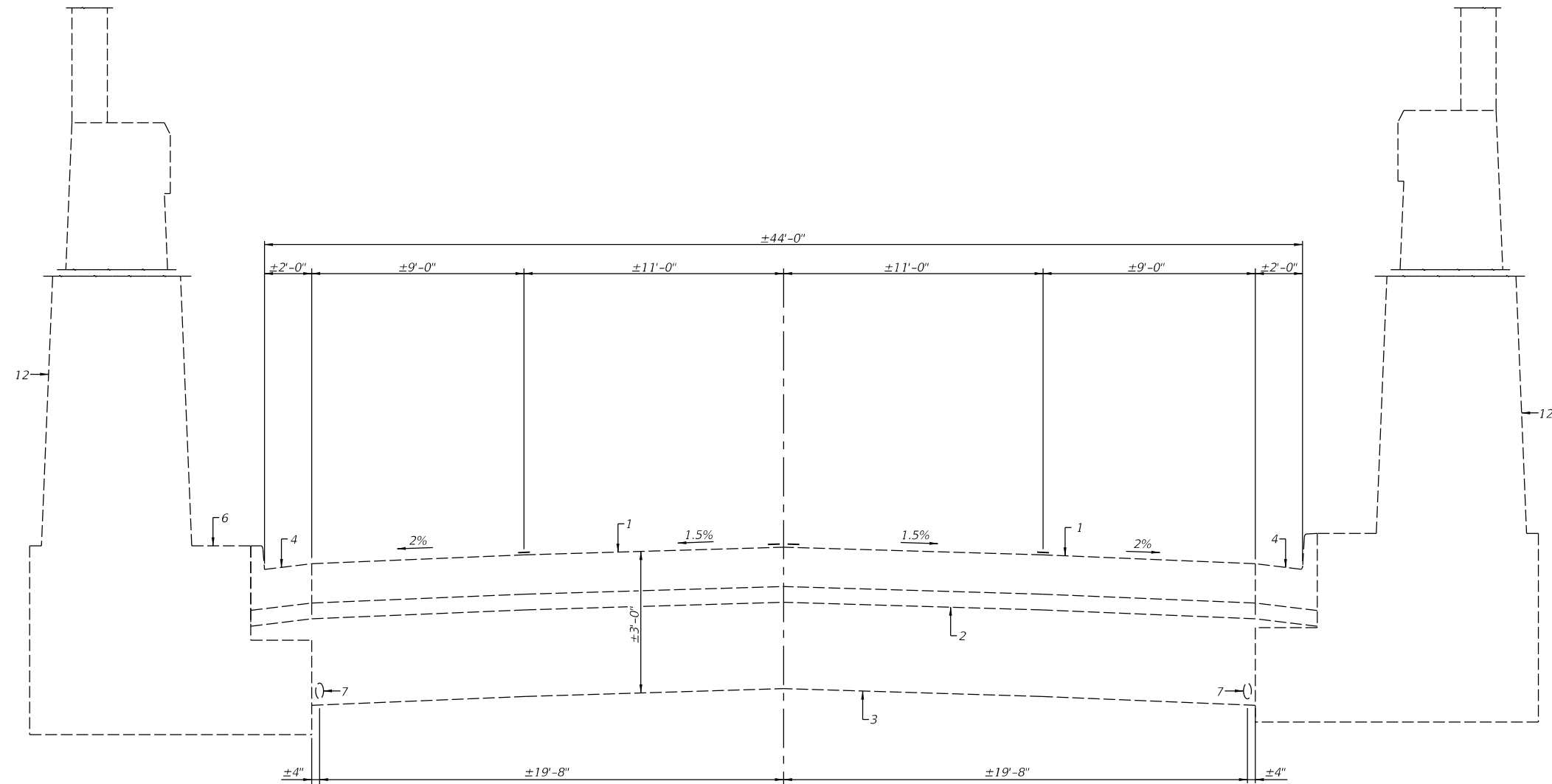
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DRAWN -	REVISED -	
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PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 TYPICAL SECTIONS - SOUTH GRAND AVE - 1**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	29
	09L0179B	CONTRACT NO.	93747	
* 7985A & 7996	ILLINOIS	FED. AID PROJECT		



EXISTING CROSS SECTION - SOUTH GRAND AVE
 STA. 3+88 TO STA. 5+00.5 RT. & STA. 3+90.5 TO STA. 5+04.1 LT.

LEGEND

- 1 - EXIST REINFORCED PCC PAVEMENT, 10"
- 2 - EXIST STABILIZED SUB-BASE, 4"
- 3 - EXIST POROUS GRANULAR EMBANKMENT
- 4 - EXIST COMBINATION CURB AND GUTTER, TYPE B-9.24
- 5 - EXIST COMBINATION CURB AND GUTTER, SPECIAL
- 6 - EXIST PCC SIDEWALK, 4"
- 7 - EXIST PIPE UNDERDRAINS
- 8 - EXIST BITUMINOUS FIBER CONDUIT
- 9 - EXIST CONCRETE SLOPEWALL, 4"
- 10 - EXIST REINFORCED CONCRETE RETAINING WALL (TO BE SANDBLASTED, CONCRETE SURFACE COLORED AND SEALED)
- 11 - EXIST CHAIN LINK FENCE
- 12 - EXIST REINFORCED CONCRETE ABUTMENT

FINAL

MODEL: 002
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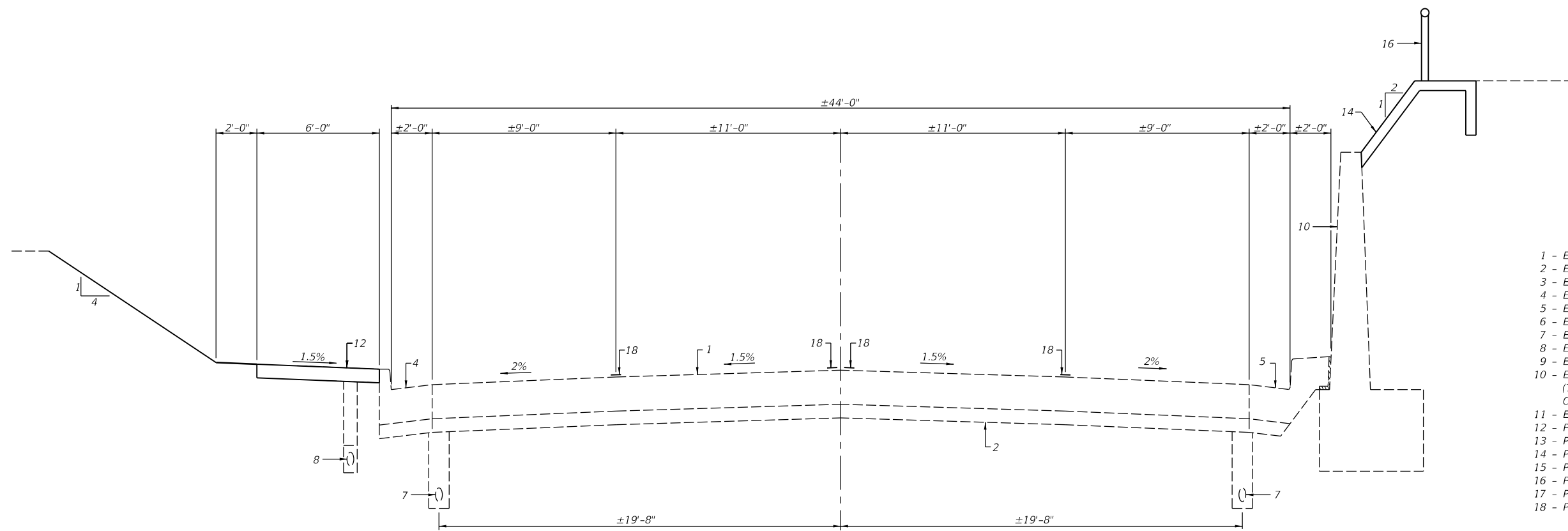
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PLOT SCALE = 6,0000' / In.	DRAWN -	REVISED -
PLOT DATE = 1/18/2021	CHECKED -	REVISED -
	DATE - 1/18/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 TYPICAL SECTIONS - SOUTH GRAND AVE - 2**

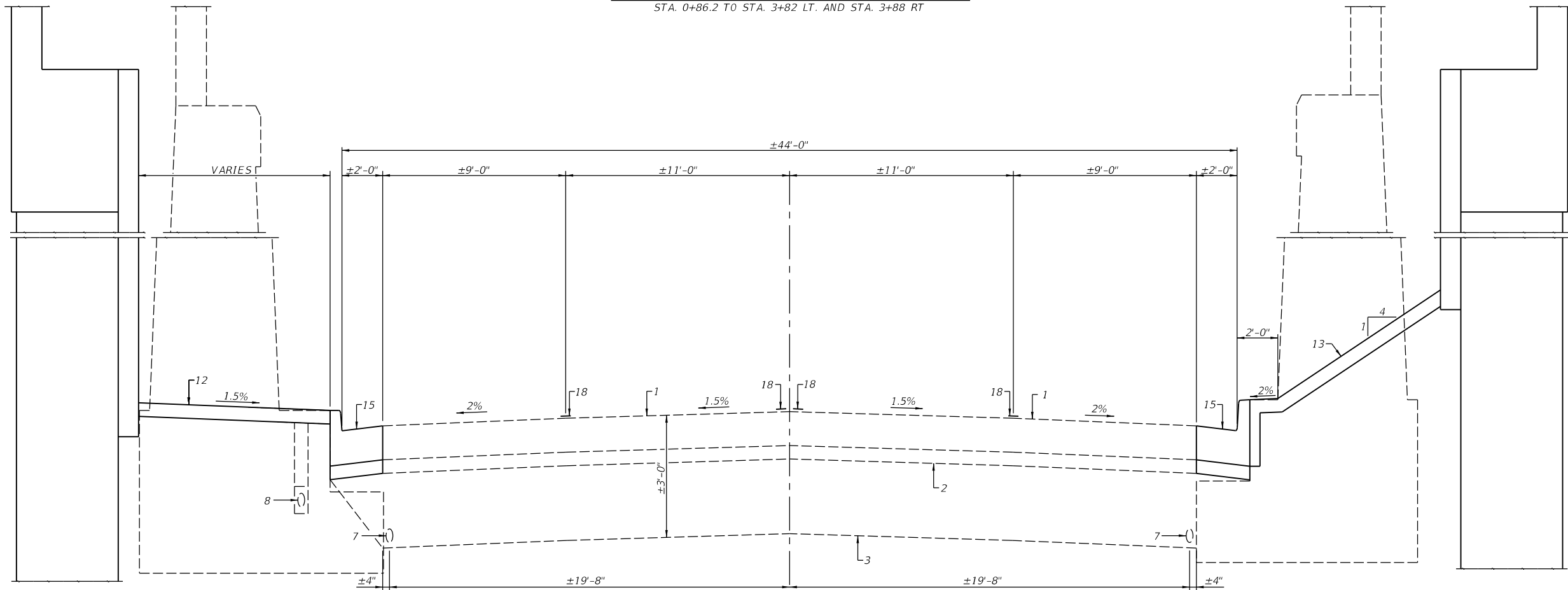
SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	30
	09L0179B	CONTRACT NO.	93747	
* 7985A & 7997	ILLINOIS	FED. AID PROJECT		



- LEGEND**
- 1 - EXIST REINFORCED PCC PAVEMENT, 10"
 - 2 - EXIST STABILIZED SUB-BASE, 4"
 - 3 - EXIST POROUS GRANULAR EMBANKMENT
 - 4 - EXIST COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 5 - EXIST COMBINATION CURB AND GUTTER, SPECIAL
 - 6 - EXIST PCC SIDEWALK, 4"
 - 7 - EXIST PIPE UNDERDRAINS
 - 8 - EXIST BITUMINOUS FIBER CONDUIT
 - 9 - EXIST CONCRETE SLOPEWALL, 4"
 - 10 - EXIST REINFORCED CONCRETE RETAINING WALL (TO BE SANDBLASTED, CONCRETE SURFACE COLORED AND SEALED)
 - 11 - EXIST CHAIN LINK FENCE
 - 12 - PROP PCC SIDEWALK, 4"
 - 13 - PROP CONCRETE SLOPEWALL
 - 14 - PROP SLOPEWALL, SPECIAL
 - 15 - PROP COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 16 - PROP ORNAMENTAL FENCE
 - 17 - PROP CHAIN LINK FENCE
 - 18 - PROP PAVEMENT MARKING LINE - 5"

PROPOSED CROSS SECTION - SOUTH GRAND AVE
 STA. 0+86.2 TO STA. 3+82 LT. AND STA. 3+88 RT



PROPOSED CROSS SECTION - SOUTH GRAND AVE
 STA. 3+82 TO STA. 5+76.32 RT. & STA. 3+88 TO STA. 5+86.93 LT.

FINAL



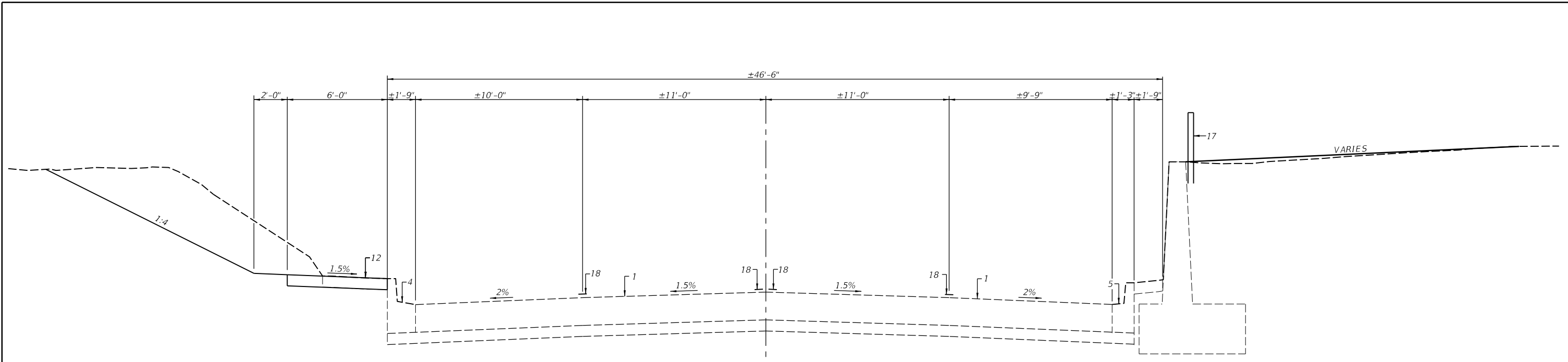
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DRAWN -	REVISIONS -	
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PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

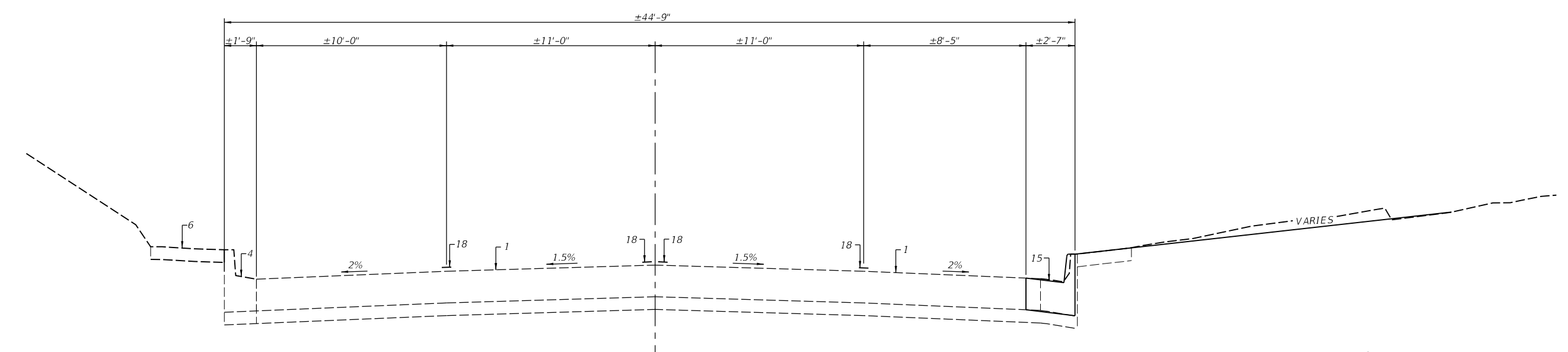
SPRINGFIELD RAIL IMPROVEMENTS PROJECT		
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS		
TYPICAL SECTIONS - SOUTH GRAND AVE - 3		
SCALE:	SHEET 3 OF 5 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	31
	09L0179B		CONTRACT NO.	9374
* 7985A & 7998	ILLINOIS	FED. AID PROJECT		

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PROPOSED CROSS SECTION - SOUTH GRAND AVE
 STA. 5+76.32 TO STA. 7+27.5 RT. AND
 STA. 5+86.93 TO STA. 7+27.5 LT.



PROPOSED CROSS SECTION - SOUTH GRAND AVE
 STA. 7+27.5 TO STA. 8+16 RT.

- LEGEND**
- 1 - EXIST REINFORCED PCC PAVEMENT, 10"
 - 2 - EXIST STABILIZED SUB-BASE, 4"
 - 3 - EXIST POROUS GRANULAR EMBANKMENT
 - 4 - EXIST COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 5 - EXIST COMBINATION CURB AND GUTTER, SPECIAL
 - 6 - EXIST PCC SIDEWALK, 4"
 - 7 - EXIST PIPE UNDERDRAINS
 - 8 - EXIST BITUMINOUS FIBER CONDUIT
 - 9 - EXIST CONCRETE SLOPEWALL, 4"
 - 10 - EXIST REINFORCED CONCRETE RETAINING WALL (TO BE SANDBLASTED, CONCRETE SURFACE COLORED AND SEALED)
 - 11 - EXIST CHAIN LINK FENCE
 - 12 - PROP PCC SIDEWALK, 4"
 - 13 - PROP CONCRETE SLOPEWALL
 - 14 - PROP SLOPEWALL, SPECIAL
 - 15 - PROP COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 16 - PROP ORNAMENTAL FENCE
 - 17 - PROP CHAIN LINK FENCE
 - 18 - PROP PAVEMENT MARKING LINE - 5"

FINAL

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USER NAME = Pop00275	DESIGNED -	REVISED -
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PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

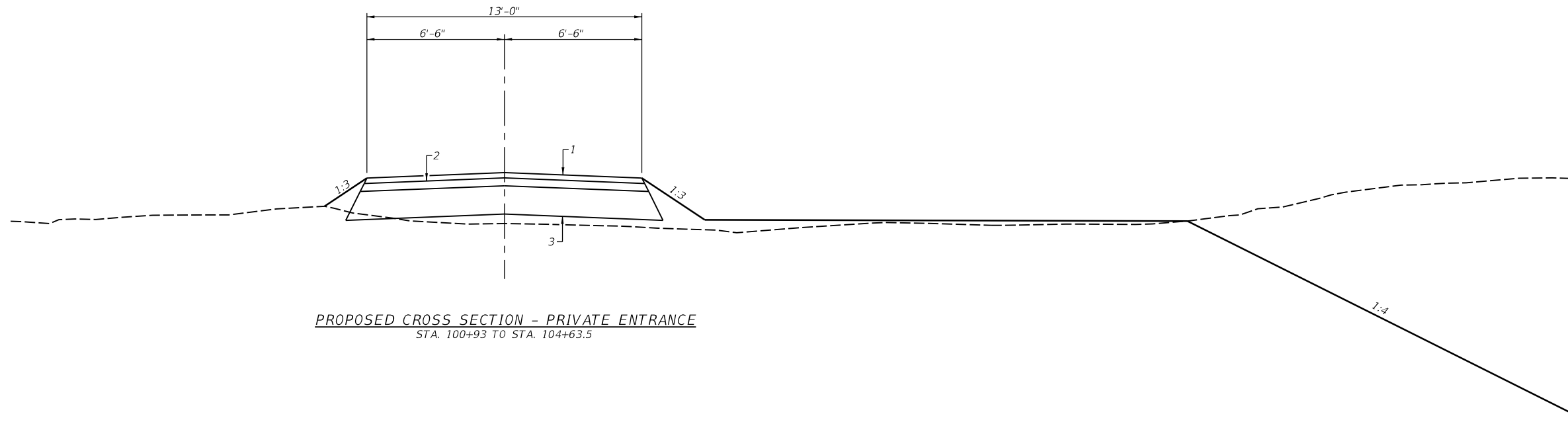
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 TYPICAL SECTIONS - SOUTH GRAND AVE - 4**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	32
	09L0179B			9374

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

* 7985A & 7999 ILLINOIS FED. AID PROJECT



PROPOSED CROSS SECTION - PRIVATE ENTRANCE
 STA. 100+93 TO STA. 104+63.5

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USE	SURFACE 1½"	BINDER 2½"
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) FRICTION AGGREGATE	MIX. C	NA

LEGEND

- 1 - PROP HMA SURFACE COURSE IL 9.5, MIX C N50 1½"
- 2 - PROP HMA BINDER COURSE IL 19.0, N50 2½"
- 3 - PROP AGGREGATE BASE COURSE 12"

FINAL

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PLOT SCALE = 6,000' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

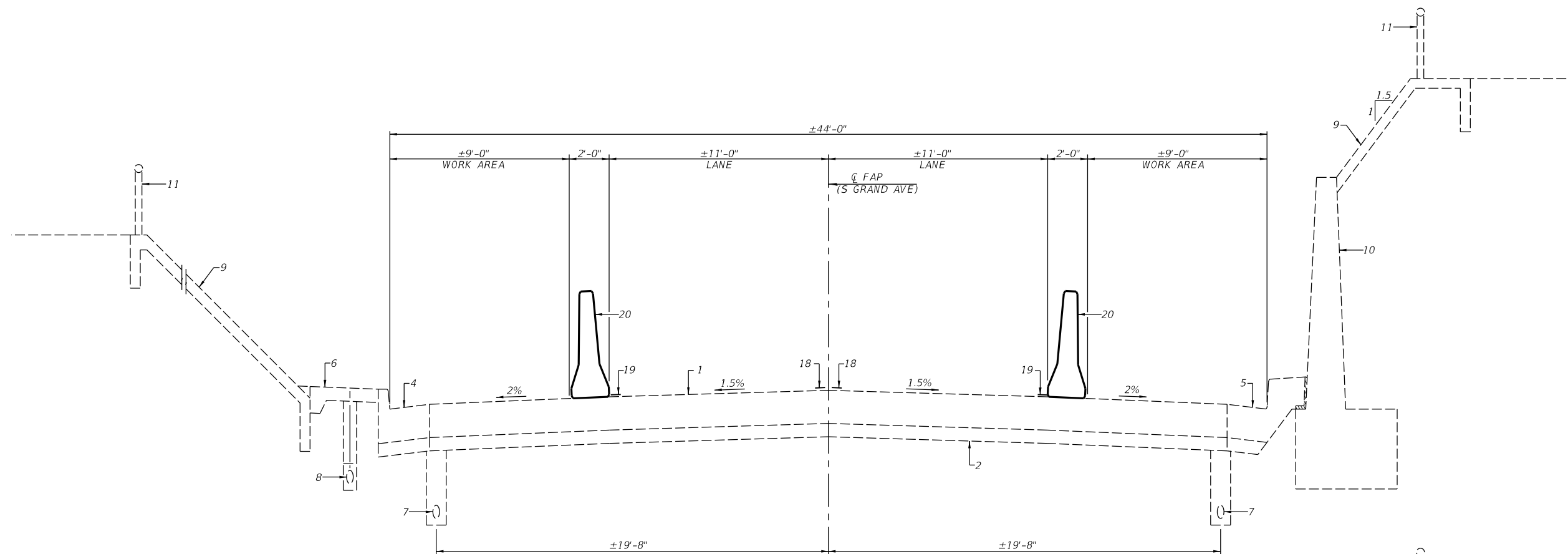
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 TYPICAL SECTIONS - SOUTH GRAND AVE - 5**

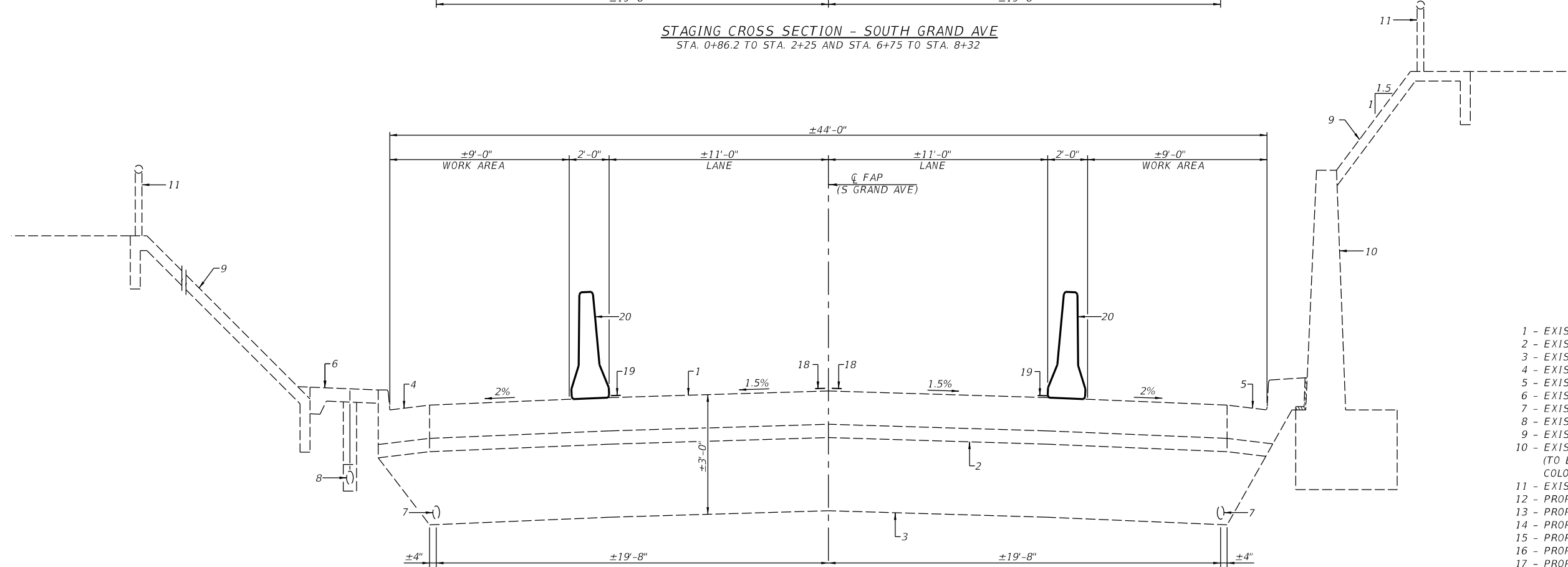
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	33
	09L0179B	CONTRACT NO.	9374	
* 7985A & 8000	ILLINOIS	FED. AID PROJECT		

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STAGING CROSS SECTION - SOUTH GRAND AVE
 STA. 0+86.2 TO STA. 2+25 AND STA. 6+75 TO STA. 8+32



STAGING CROSS SECTION - SOUTH GRAND AVE
 STA. 2+25 TO STA. 6+75

- LEGEND**
- 1 - EXIST REINFORCED PCC PAVEMENT, 10"
 - 2 - EXIST STABILIZED SUB-BASE, 4"
 - 3 - EXIST POROUS GRANULAR EMBANKMENT
 - 4 - EXIST COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 5 - EXIST COMBINATION CURB AND GUTTER, SPECIAL
 - 6 - EXIST PCC SIDEWALK, 4"
 - 7 - EXIST PIPE UNDERDRAINS
 - 8 - EXIST BITUMINOUS FIBER CONDUIT
 - 9 - EXIST CONCRETE SLOPEWALL, 4"
 - 10 - EXIST REINFORCED CONCRETE RETAINING WALL (TO BE SANDBLASTED, CONCRETE SURFACE COLORED AND SEALED)
 - 11 - EXIST CHAIN LINK FENCE
 - 12 - PROP PCC SIDEWALK, 4"
 - 13 - PROP CONCRETE SLOPEWALL
 - 14 - PROP SLOPEWALL, SPECIAL
 - 15 - PROP COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 16 - PROP ORNAMENTAL FENCE
 - 17 - PROP CHAIN LINK FENCE
 - 18 - PROP PAVEMENT MARKING LINE - 5"
 - 19 - PROP TEMPORARY PAVEMENT MARKING LINE
 - 20 - PROP TEMPORARY CONCRETE BARRIER

FINAL



USER NAME = Pop00275	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 6,000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

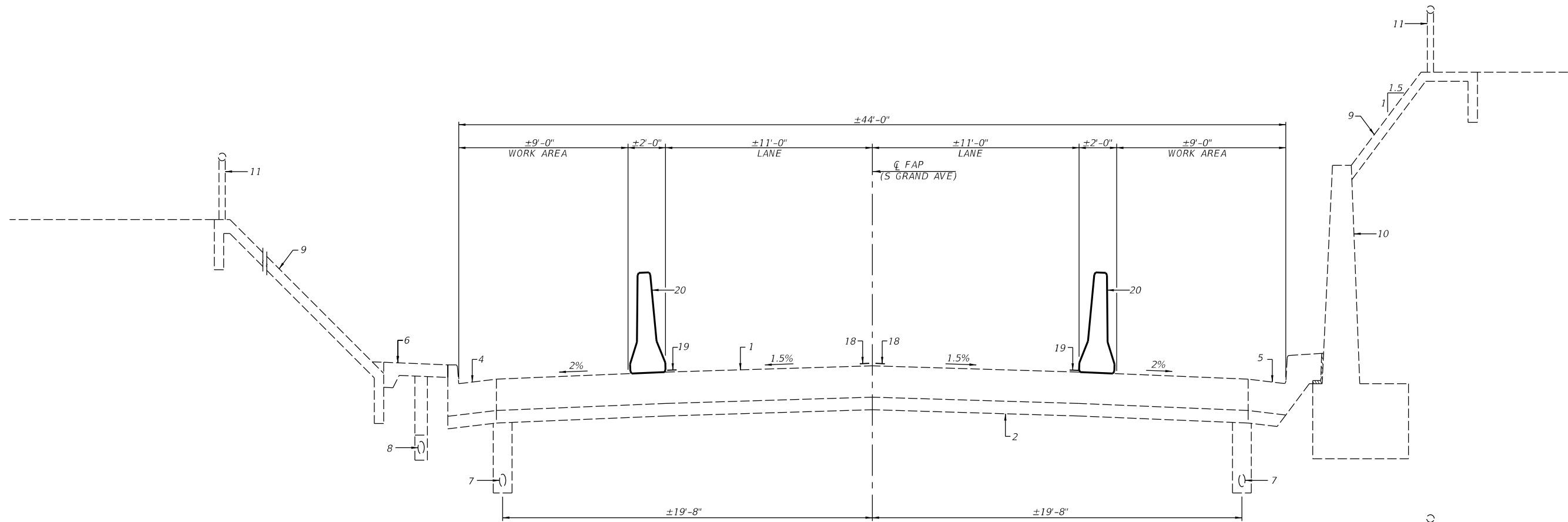
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
STAGING TYPICALS - S GRAND AVE - 1

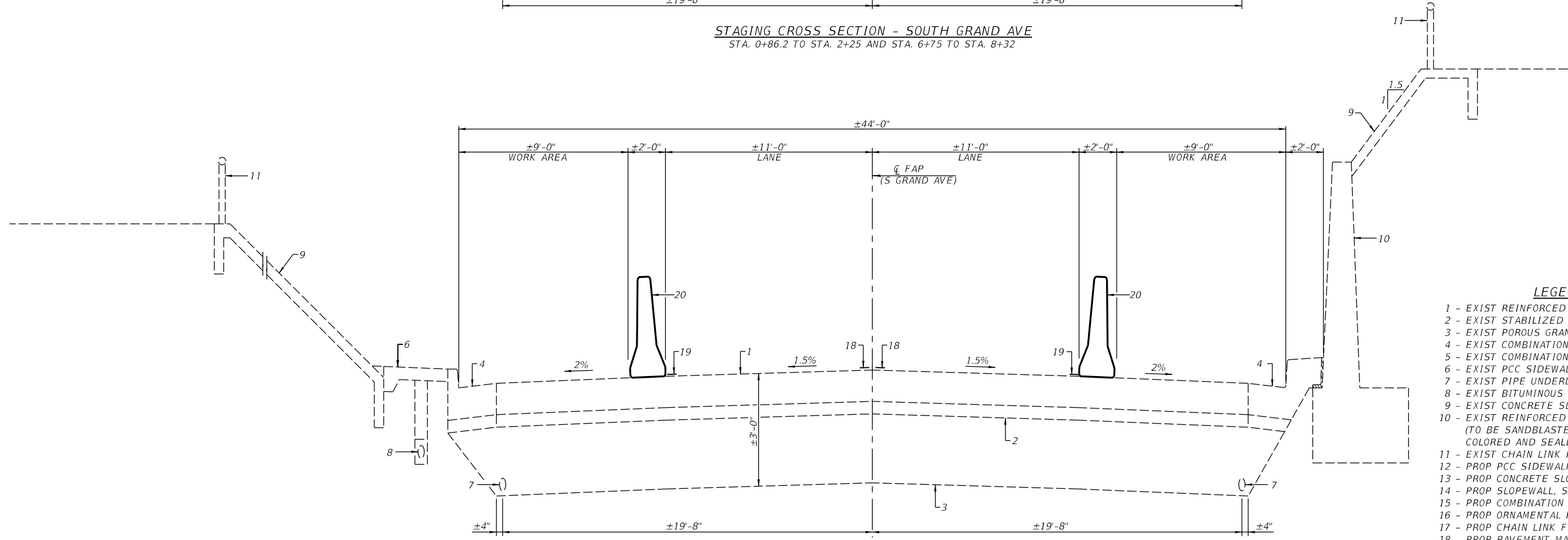
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	34
	09L0179B	CONTRACT NO.		93747
* 7985A & 8001	ILLINOIS	FED. AID PROJECT		

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STAGING CROSS SECTION - SOUTH GRAND AVE
STA. 0+86.2 TO STA. 2+25 AND STA. 6+75 TO STA. 8+32



STAGING CROSS SECTION - SOUTH GRAND AVE
STA. 2+25 TO STA. 6+75

- LEGEND**
- 1 - EXIST REINFORCED PCC PAVEMENT, 10"
 - 2 - EXIST STABILIZED SUB-BASE, 4"
 - 3 - EXIST POROUS GRANULAR EMBANKMENT
 - 4 - EXIST COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 5 - EXIST COMBINATION CURB AND GUTTER, SPECIAL
 - 6 - EXIST PCC SIDEWALK, 4"
 - 7 - EXIST PIPE UNDERDRAINS
 - 8 - EXIST BITUMINOUS FIBER CONDUIT
 - 9 - EXIST CONCRETE SLOPEWALL, 4"
 - 10 - EXIST REINFORCED CONCRETE RETAINING WALL (TO BE SANDBLASTED, CONCRETE SURFACE COLORED AND SEALED)
 - 11 - EXIST CHAIN LINK FENCE
 - 12 - PROP PCC SIDEWALK, 4"
 - 13 - PROP CONCRETE SLOPEWALL
 - 14 - PROP SLOPEWALL, SPECIAL
 - 15 - PROP COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 16 - PROP ORNAMENTAL FENCE
 - 17 - PROP CHAIN LINK FENCE
 - 18 - PROP PAVEMENT MARKING LINE - 5"
 - 19 - PROP TEMPORARY PAVEMENT MARKING LINE
 - 20 - PROP TEMPORARY CONCRETE BARRIER

FINAL



USER NAME = Pop00275	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 6,000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
STAGING TYPICALS - S GRAND AVE - 2**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	35
	09L0179B	CONTRACT NO.	93747	
* 7985A & 8002		ILLINOIS FED. AID PROJECT		

MODEL: 003
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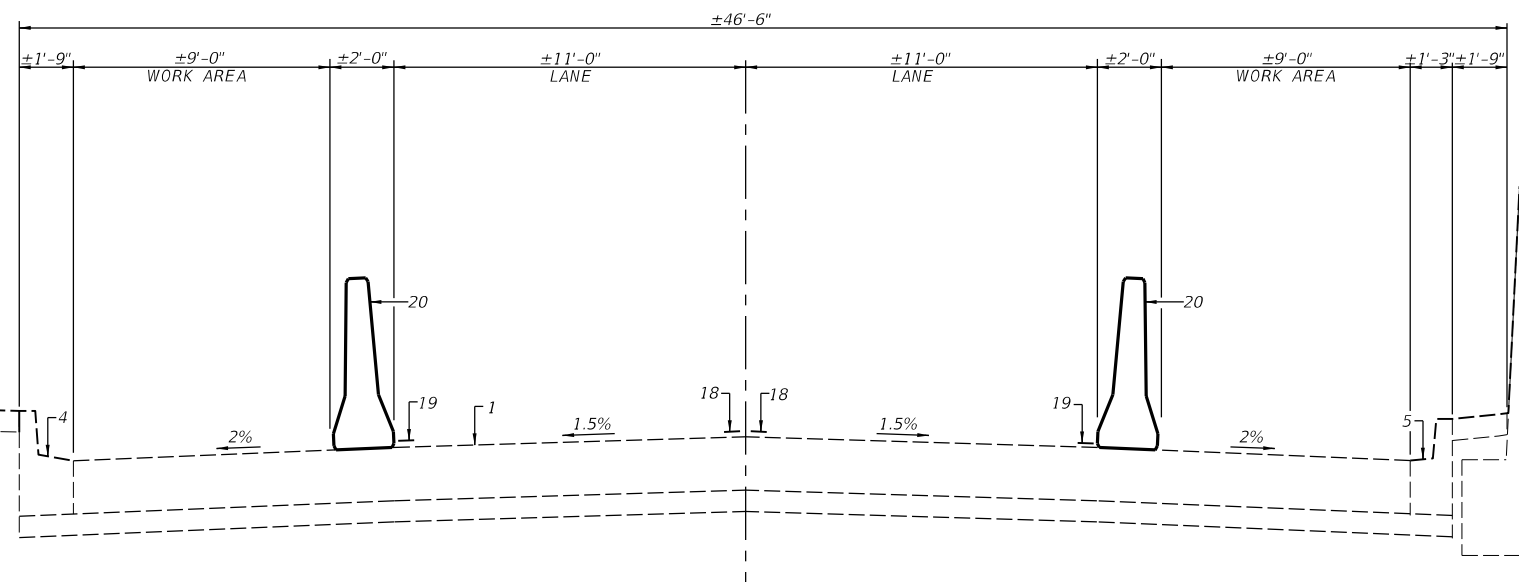
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DRAWN -	REVISED -	
PLOT SCALE = 6,000' / In.	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

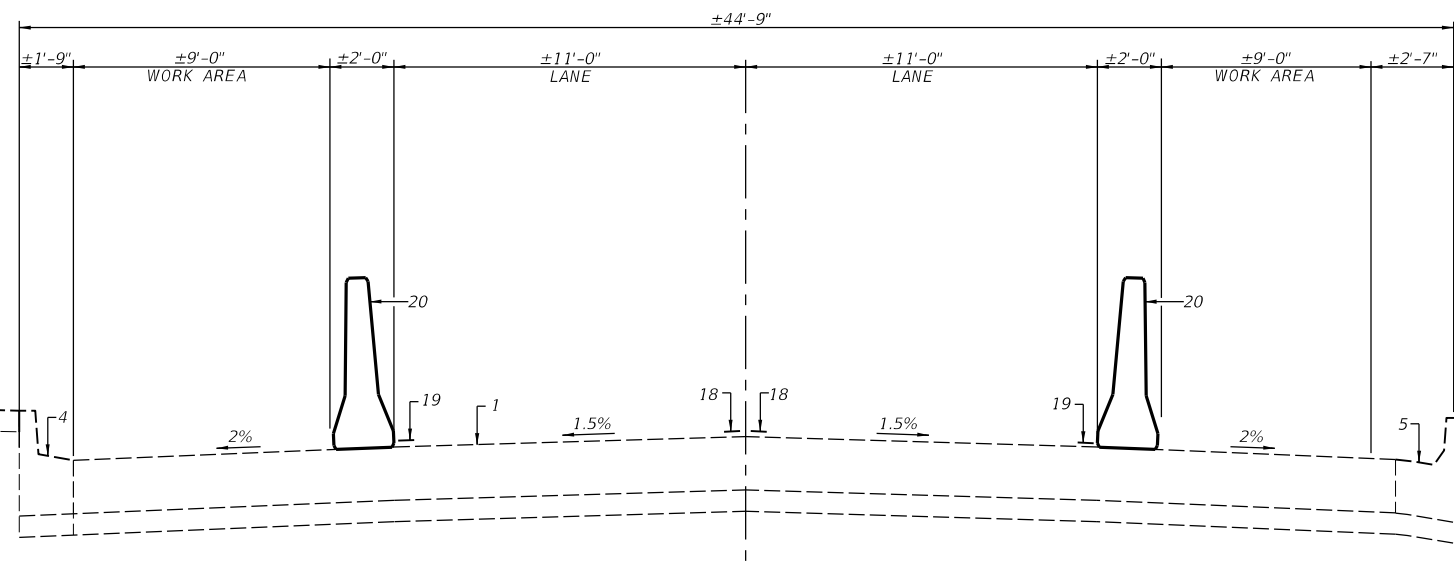
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 STAGING TYPICALS - S GRAND AVE - 3**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	36
	09L0179B			9374
* 7985A & 8003	ILLINOIS	FED. AID PROJECT		



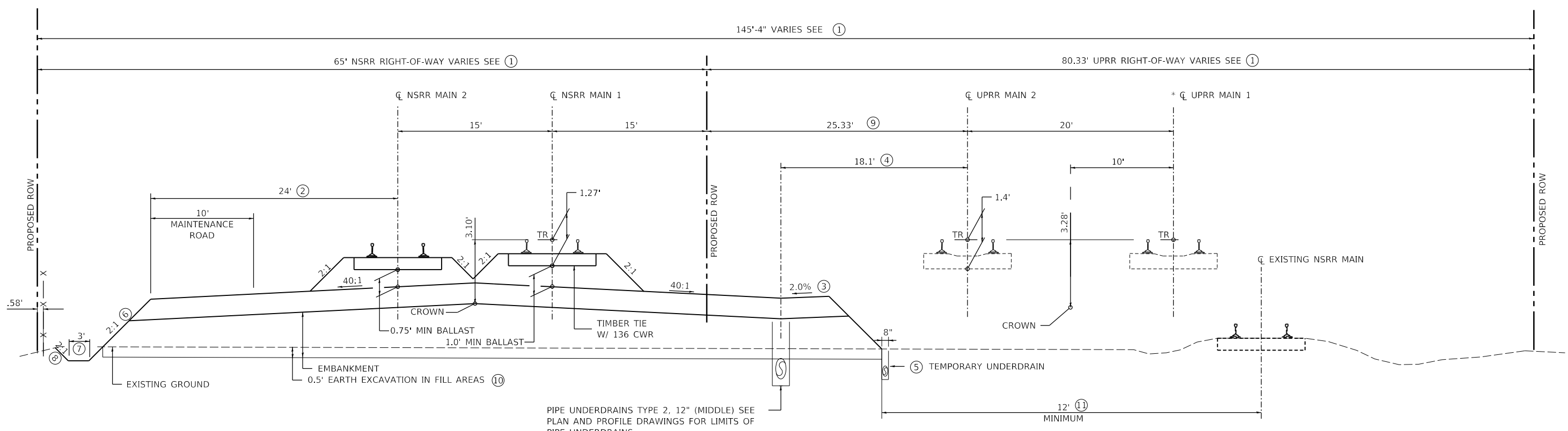
STAGING CROSS SECTION - SOUTH GRAND AVE
 STA. 5+76.32 TO STA. 7+27.5 RT. AND
 STA. 5+86.93 TO STA. 7+27.5 LT.



STAGING CROSS SECTION - SOUTH GRAND AVE
 STA. 7+27.5 TO STA. 8+16 RT.

- LEGEND**
- 1 - EXIST REINFORCED PCC PAVEMENT, 10"
 - 2 - EXIST STABILIZED SUB-BASE, 4"
 - 3 - EXIST POROUS GRANULAR EMBANKMENT
 - 4 - EXIST COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 5 - EXIST COMBINATION CURB AND GUTTER, SPECIAL
 - 6 - EXIST PCC SIDEWALK, 4"
 - 7 - EXIST PIPE UNDERDRAINS
 - 8 - EXIST BITUMINOUS FIBER CONDUIT
 - 9 - EXIST CONCRETE SLOPEWALL, 4"
 - 10 - EXIST REINFORCED CONCRETE RETAINING WALL (TO BE SANDBLASTED, CONCRETE SURFACE COLORED AND SEALED)
 - 11 - EXIST CHAIN LINK FENCE
 - 12 - PROP PCC SIDEWALK, 4"
 - 13 - PROP CONCRETE SLOPEWALL
 - 14 - PROP SLOPEWALL, SPECIAL
 - 15 - PROP COMBINATION CURB AND GUTTER, TYPE B-9.24
 - 16 - PROP ORNAMENTAL FENCE
 - 17 - PROP CHAIN LINK FENCE
 - 18 - PROP PAVEMENT MARKING LINE - 5"
 - 19 - PROP TEMPORARY PAVEMENT MARKING LINE
 - 20 - PROP TEMPORARY CONCRETE BARRIER

- ① SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- ② SUBBALLAST WIDTH 24' EXCEPT AT TURNAROUNDS, ENTRANCES AND FUTURE NS TRACK. SEE PLAN AND PROFILE SHEETS FOR LOCATIONS.
- ③ TRANSITION FROM 2% TO -2% FROM STA. 47762+40.47 TO STA. 47764+00.
-2% TO STA. 47767+50
TRANSITION FROM -2% TO 2% FROM STA. 47767+50 TO STA. 47768+00.
- ④ WIDTH 18.1' FROM STA. 47762+40.47 TO STA. 47792+62.68.
TRANSITION FROM 18.1' TO 15.1' FROM STA. 47792+62.68 TO STA. 47799+19.19.
15.1' FROM STA. 47799+19.19 TO STA. 47800+00.00.
- ⑤ PIPE UNDERDRAINS 6" (MODIFIED) PLACED AT TOE OF FILL FROM STA. 47764+13 TO STA. 47799+95. CONNECT TO OUTLET STRUCTURES. REMOVE PIPE UNDERDRAINS 6" (MODIFIED) AND PLUG OUTLET STRUCTURE CONNECTIONS DURING STAGE 2 CONSTRUCTION.
- ⑥ TRANSITION FROM 2:1 TO 3:1 FROM STA. 47774+50 TO STA. 47775+50
3:1 SLOPE FROM STA. 47775+00 TO STA. 47798+32.61
- ⑦ 4' FROM STA. 47774+00 TO STA. 47784+00
15' FROM STA. 47784+75 TO STA. 47794+00
TRANSITION TO WIDTHS OVER 50'
- ⑧ TRANSITION FROM 2:1 TO 3:1 FROM STA. 47774+50 TO STA. 47775+50
3:1 TO STA. 47775+50 TO STA. 47794+00
TRANSITION FROM 3:1 TO 2:1 FROM STA. 47794+00 TO STA. 47795+00
- ⑨ VARIES FROM 25.33' TO 20' FROM STA. 47792+62.68 TO STA. 47799+19.19.
20' FROM STA. 47799+19.19 TO END.
- ⑩ NO STRIPPING IN AREAS WHERE EXISTING NS YARD AND LEAD TRACKS ARE REMOVED (APPROXIMATE STA. 47780+00 TO STA. 47795+00).
- ⑪ 12' MINIMUM FROM STATION 47762+40.47 TO COOK STREET.
29' MINIMUM (15' MINIMUM FROM EXISTING NSRR TRACK 1) SOUTH OF COOK STREET.



STAGE 1
 UPRR MAIN 1 STA. 47762+40.47 TO STA. 47800+94.00
 GAP AT COOK STREET STRUCTURE
 LOOKING SOUTH
 * UPRR MAIN 1 IS BASELINE FOR EMBANKMENT CONSTRUCTION.

NOTE: ALL BALLAST AND TRACK CONSTRUCTION BY NSRR.

FINAL

MODEL SHEET 1
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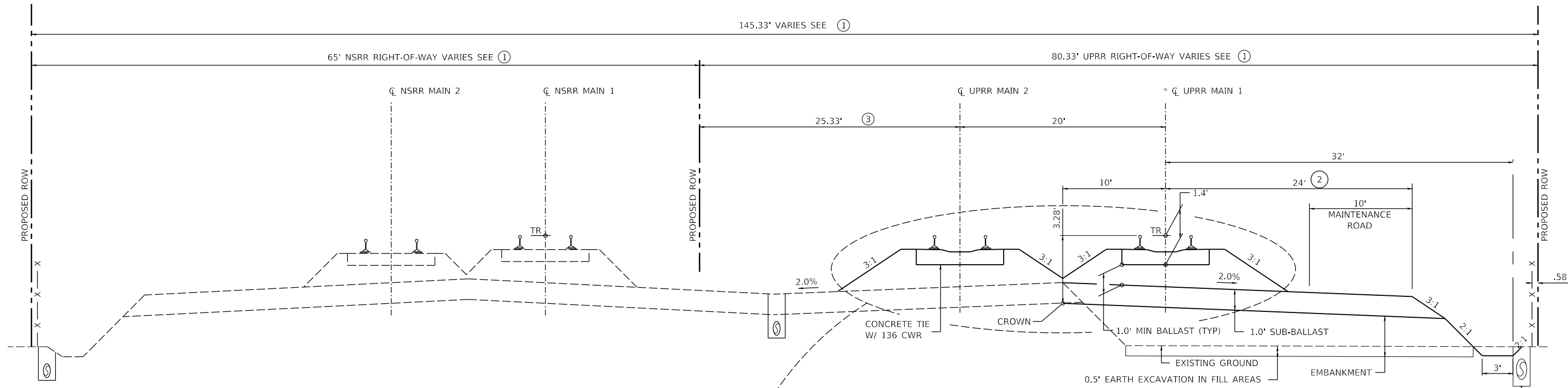
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PLOT SCALE = 10.00' / in.	DRAWN - DJP	REVISED -
PLOT DATE = 1/18/2021	CHECKED - GCN	REVISED -
	DATE - 1/18/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

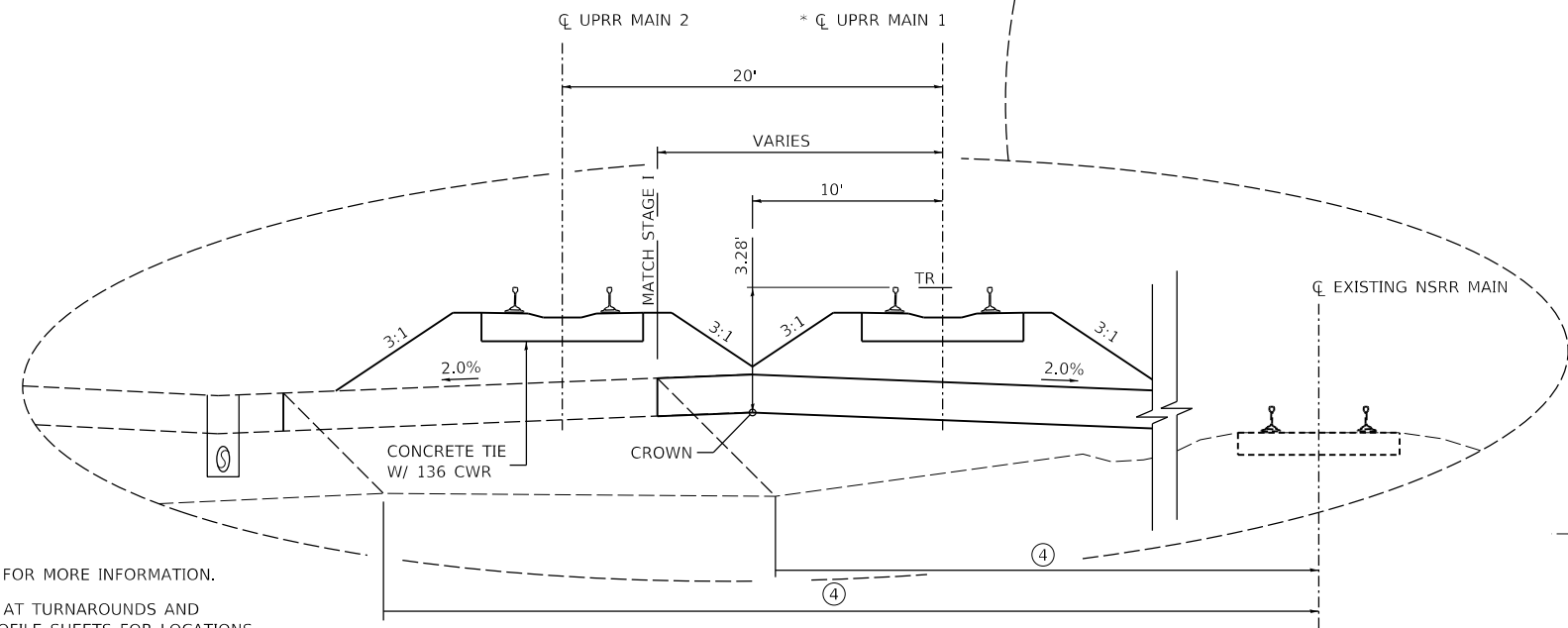
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	37
	09L0179B		CONTRACT NO. 93747	
* 7985A & 8004	ILLINOIS	FED. AID PROJECT		

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

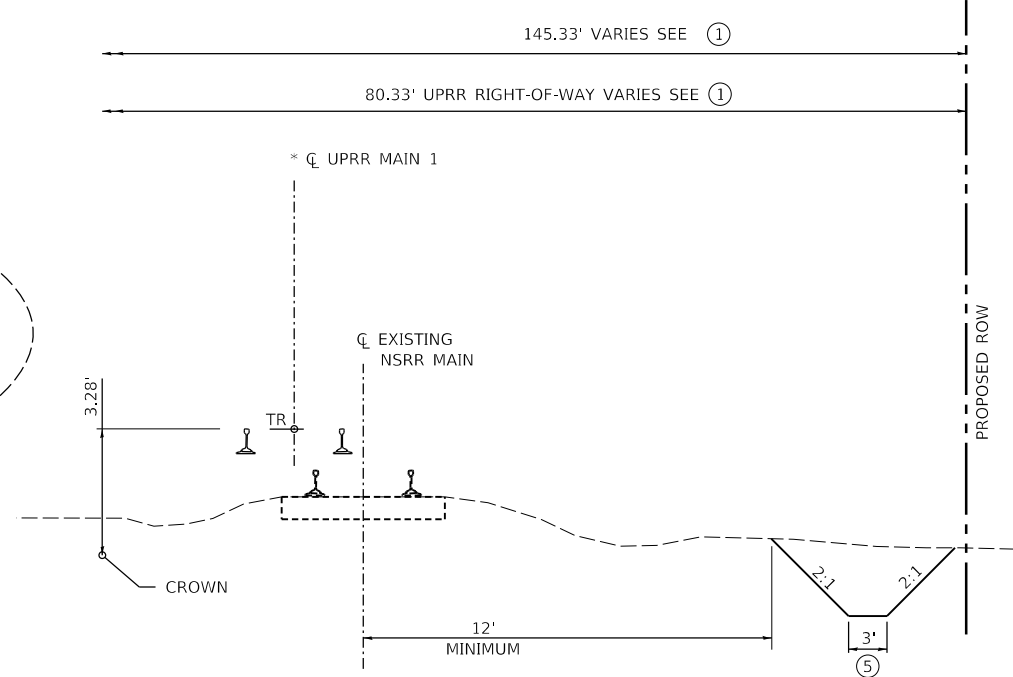


STAGE 2
 UPRR MAIN 1 STA. 47768+00.00 TO STA. 47809+94.00
 GAP AT COOK AND SOUTH GRAND STRUCTURES
 LOOKING SOUTH
 * UPRR MAIN 1 IS BASELINE FOR EMBANKMENT CONSTRUCTION.

PIPE UNDERDRAINS TYPE 2, 12" (RIGHT) SEE PLAN AND PROFILE DRAWINGS FOR LIMITS OF DITCH AND PIPE UNDERDRAINS



STAGE 2
 UPRR MAIN 1 STA. 47767+00 TO STA. 47809+94
 GAP AT COOK AND SOUTH GRAND STRUCTURES
 LOOKING SOUTH



STAGE 2
 UPRR MAIN 1 STA. 47762+40.47 TO STA. 47768+00.00
 LOOKING SOUTH

- ① SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.
- ② SUBBALLAST WIDTH 24' EXCEPT AT TURNAROUNDS AND ENTRANCES. SEE PLAN AND PROFILE SHEETS FOR LOCATIONS.
- ③ VARIES FROM 25.33' TO 20' FROM STA. 47792+62.68 TO STA. 47799+19.19. 20' FROM STA. 47799+19.19 TO END.
- ④ VARIES FROM 10' TO 34' TO MATCH STAGE I CONSTRUCTION LIMITS
- ⑤ SEE CROSS SECTIONS

NOTE: ALL BALLAST AND TRACK CONSTRUCTION BY NSRR.

FINAL

MODEL: Sheet 2
 FILE NAME: p:\hanson\csw_bentley\comshanson\p09\01798\Usable_Segments_III - V - VICAD\Rail\Usable_Segments_VISheetD09\01798-TYP-USV-TRACK-01.dgn



USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLOT SCALE = 10.00' / in.	DRAWN - DJP	REVISED -
PLOT DATE = 1/18/2021	CHECKED - GCN	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	38
	09L0179B	CONTRACT NO.	93747	
# 7985A & 8005	ILLINOIS	FED. AID PROJECT		

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
	STATION	STA	OFFSET	STA	OFFSET									
	MILE POST	STATION	OFFSET	STATION	OFFSET									
	UPRR MAIN 1													
1	47761+34	175	LT			ELECTRIC HANDHOLE		CWLP						X
2	47761+50	177	LT			ELECTRIC MANHOLE		CWLP						X
3	47761+23	112	LT			PARKING LOT LIGHTING	LIGHT POLE	CWLP				X		
4	47762+49	44	LT			PARKING LOT LIGHTING	LIGHT POLE	CWLP				X		
5	47763+23	112	LT			PARKING LOT LIGHTING	LIGHT POLE	CWLP				X		
6	47760+80	32	LT			CONTROL CABINET		NSRR						X
7	47763+82	164	LT			FIBER OPTIC	MANHOLE	CWLP				X		
8	47764+02	133	LT			OVERHEAD ELECTRIC	POLE	CWLP						(3)
9	47764+06	134	LT			OVERHEAD ELECTRIC/ FIBER OPTIC	POLE WITH FOELECTRIC DROP	CWLP		FOUNDATION (1)		X		
10	47764+03	87	LT			WATER	VALVE VAULT	CWLP		X (2)				
11	47764+02	38	LT			OVERHEAD ELECTRIC	POLE WITH LIGHT	CWLP				X		
12	47764+00	22	LT			RR SIGNAL		NSRR		FOUNDATION (2)		X		
13	47763+81	38	RT			OVERHEAD ELECTRIC	SERVICE POLE	CWLP						X
14	47764+04	53	RT			OVERHEAD ELECTRIC/ FIBER OPTIC	POLE WITH LIGHTS	CWLP						(3)
15	47764+41	163	LT			OVERHEAD ELECTRIC	LIGHT POLE	CWLP				X		
16	47764+65	183	LT			OVERHEAD ELECTRIC/ FIBER OPTIC	POLE	AMEREN	CWLP, COMCAST					(3)
17	47764+45	20	RT			RR SIGNAL		NSRR		FOUNDATION (2)		X		
18	47764+56	29	RT			OVERHEAD ELECTRIC	POLE	AMEREN				X		
19	47764+81	27	LT			OVERHEAD ELECTRIC	SERVICE POLE	CWLP				X		
20	47764+99	24	LT			CONTROL CABINET		NSRR				X		
21	47764+06	134	LT	47763+54	182	BURIED FIBER OPTIC		CWLP						DEPTH DEPENDENT
22	47764+06	134	LT	47763+98	182	BURIED ELECTRIC		CWLP						DEPTH DEPENDENT
23	47760+52	26	RT	47764+56	29	OVERHEAD ELECTRIC		AMEREN				X		
24	47764+36	37	RT	47764+37	120	WATER MAIN	6"	CWLP						(3)
24A	47764+37	120	LT	47764+37	182	WATER MAIN	6"	CWLP						DEPTH DEPENDENT
25	47764+41	163	LT	47765+38	182	OVERHEAD ELECTRIC		CWLP				X		
26	47763+92	100	LT	47763+92	182	GAS MAIN		AMEREN		X				
26A	47763+92	100	LT	47766+03	103	GAS SERVICE		AMEREN		X				
27	NOT USED													
28	47768+07	75	RT	47768+03	52	BURIED FIBER OPTIC		COMCAST						(3)
28A	47768+08	43	RT	47768+03	52	BURIED TELEPHONE	COPPER CABLE	AT&T				X		
29	47765+26	46	RT	47767+91	45	GAS MAIN	SERVES IPHCA	AMEREN						X
30	47768+03	37	RT	47767+99	120	GAS MAIN	6" PLASTIC (6" STEEL IN 10" CASING ACROSS NS ROW)	AMEREN						(3)
31	47767+12	182	LT			OVERHEAD ELECTRIC	POLE	CWLP	COMCAST					X
32	47767+32	164	LT			PARKING LOT LIGHTING	LIGHT POLE	PRIVATE		X (2)				X
33	47767+33	104	LT			PARKING LOT LIGHTING	LIGHT POLE	PRIVATE		X (2)				X
33A	NOT SHOWN IN PLANS					PARKING LOT LIGHTING	BURIED ELECTRIC	PRIVATE						A
34	47768+08	43	RT			OVERHEAD ELECTRIC	POLE	CWLP	AT&T, COMCAST			X		
34A	47768+08	43	RT	47768+08	75	OVERHEAD ELECTRIC/ FIBER OPTIC		CWLP	COMCAST					(4)
35	47768+03	52	LT			OVERHEAD ELECTRIC/ FIBER OPTIC	POLE WITH FO DROP	CWLP	AT&T, COMCAST			X		
35A	47768+08	43	RT	47768+03	52	OVERHEAD ELECTRIC		CWLP				X		
35B	47768+03	52	LT	47768+07	139	OVERHEAD ELECTRIC/ FIBER OPTIC		CWLP	COMCAST			X		
36	47768+07	139	LT			OVERHEAD ELECTRIC/ FIBER OPTIC	POLE	CWLP	COMCAST					(3)
37	47768+07	176	LT			OVERHEAD ELECTRIC/ FIBER OPTIC	POLE WITH LIGHT	CWLP						X
38	47768+41	54	LT			OVERHEAD ELECTRIC	POLE WITH TRANSFORMER	CWLP				X		
39	47768+39	55	RT	47768+40	120	WATER MAIN	6"	CWLP						(3)
39A	47767+86	80	LT	47768+40	80	WATER SERVICE	4"	CWLP		X				
40	47768+40	132	LT			WATER MAIN	VALVE	CWLP						X
41	47768+40	151	LT	47768+05	149	FIRE HYDRANT LEAD	6"	CWLP						DEPTH DEPENDENT
42	47768+05	149	LT			FIRE HYDRANT		CWLP						DEPTH DEPENDENT
43	47768+59	175	LT			FIRE DEPARTMENT CONNECTION		CWLP						X
44	47768+41	176	LT	47771+51	188	WATER MAIN	6"	CWLP						X
45	47768+52	167	LT			WATER	VALVE VAULT	CWLP						X
46	47768+54	125	LT			BURIED FIBER OPTIC	MANHOLE	AT&T						X
47	47768+46	43	LT	47768+51	43	BURIED TELEPHONE	DUAL-LID MANHOLE	AT&T		X (2)				
48	47768+89	22	RT			CONTROL CABINET	RECENTLY RELOCATED	NSRR				X		
49	47768+50	38	RT	47768+50	120	BURIED TELEPHONE	15 MTD	AT&T				X		
50	47768+53	38	RT	47768+54	120	BURIED FIBER OPTIC	17 PVC DUCT PACK.	AT&T	CENTURY LINK					DEPTH DEPENDENT
51 THRU 54	NOT USED													
55	47771+51	188	LT	47772+69	192	WATER MAIN	10"	CWLP						X
56	47772+27	180	LT			OVERHEAD ELECTRIC	POLE WITH TRANSFORMER	CWLP	COMCAST, AT&T					X
56A	47772+16	180	LT			OVERHEAD ELECTRIC	POLE WITH TRANSFORMER	CWLP						X
57	47771+85	58	RT	47771+61	206	OVERHEAD ELECTRIC	PUMP STATION FEED	CWLP	AT&T			X		
58	47773+28	176	LT			OVERHEAD ELECTRIC	POLE WITH TRANSFORMER	CWLP	COMCAST, AT&T			X		

CONTINUED ON NEXT SHEET

FINAL

MODEL: Sheet 1
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USER NAME = Pop00275
DESIGNED - JAD
DRAWN - DJP
PLOT SCALE = 2.00' / in.
CHECKED - JAD
PLOT DATE = 2/10/2021
DATE - 1/18/2021

REVISIONS
REVISOR
DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
UTILITY ADJUSTMENT SCHEDULE - 1

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
* 19-00488-00-BR SANGAMON 347 39
09L0179B CONTRACT NO. 93747
7985A & 8006 ILLINOIS FED. AID PROJECT

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

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														
59		47774+13	208	LT		OVERHEAD ELECTRIC	SERVICE POLE	CWLP					X	
60		47773+81	39	LT		OVERHEAD ELECTRIC	SERVICE POLE	CWLP					X	
61		47774+14	39	LT		CONTROL CABINET		NSRR					X	
62		47774+01	206	LT		TELEPHONE PEDESTAL		AT&T						X
63 THRU 68 NOT USED														
69		47780+21	78	RT	47780+21	120	BURIED TELEPHONE		AT&T					DEPTH DEPENDENT
70		47780+25	79	RT	47780+22	175	OVERHEAD ELECTRIC		CWLP					(3)
71		47785+45	43	RT	47787+56	35	OVERHEAD ELECTRIC	PRIVATE						X
71A		47786+93	30	RT	47788+09	35	BURIED TELEPHONE	SERVICE	AT&T				X	
72		47787+56	29	RT			LIGHT POLE			INCLUDE WITH BUILDING REMOVAL				
73		47787+55	26	RT			CONTROL CABINET AND SIGNALS		NSRR				X	
74		47791+08	197	LT			OVERHEAD ELECTRIC	POLE	CWLP	AT&T				X
75		47792+41	197	LT			OVERHEAD ELECTRIC	POLE	CWLP	AT&T				X
76		47793+62	197	LT			OVERHEAD ELECTRIC	POLE	CWLP	AT&T				X
77		47798+67	91	LT				CELL TOWER	AMERICAN TOWER					BUILDING REMOVAL NO. 8
78		47798+52	105	LT	47798+50	200	BURIED FIBER OPTIC		AT&T					A
79		47798+50	200	LT			OVERHEAD ELECTRIC/FIBER OPTIC	POLE	CWLP	AT&T				X
80		47797+97	200	LT			OVERHEAD ELECTRIC	POLE	CWLP	AT&T			X	
81		47797+97	200	LT	47798+50	200	OVERHEAD ELECTRIC		CWLP	AT&T			X	
82		47797+97	200	LT	47798+51	269	OVERHEAD ELECTRIC		CWLP				X	
83		47798+50	200	LT	47798+77	107	BURIED ELECTRIC	SERVICE TO CELL TOWER	CWLP					A
COOK STREET														
150		17+11	44	LT			OVERHEAD ELECTRIC	LIGHT POLE	CWLP					X
151		17+09	45	RT			OVERHEAD ELECTRIC	LIGHT POLE	CWLP					X
152		18+13	44	LT			OVERHEAD ELECTRIC	LIGHT POLE	CWLP				X	
153		18+12	44	RT			OVERHEAD ELECTRIC	LIGHT POLE	CWLP				X	
154		19+12	38	RT			OVERHEAD ELECTRIC	LIGHT POLE	CWLP				X	
155			6	LT			WATER MAIN	10"	CWLP					DEPTH DEPENDENT
156			36	RT			BURIED FIBER OPTIC	TRAFFIC SIGNAL INTERCONNECTION	CITY					X
157		17+49	40	RT			BURIED FIBER OPTIC	HANDHOLE	CITY					X
158		20+00	32	RT			BURIED FIBER OPTIC	HANDHOLE	CITY					X
SOUTH GRAND AVENUE														
170		1+03	57	LT			OVERHEAD ELECTRIC	POLE	CWLP					X
171		1+44	43	LT			BURIED TELEPHONE	SPLICE BOX	AT&T				X	
171A		1+20	165	LT	1+44	43	BURIED TELEPHONE		AT&T					DEPTH DEPENDENT
172		1+03	57	LT	5+88	49	OVERHEAD ELECTRIC	LIGHTING AND DISTRIBUTION LINE	CWLP				X	
173		3+69	121	LT			OVERHEAD ELECTRIC	POLE	CWLP					X
174		4+08	62	LT			ABANDONED POLE		CWLP				X	
175		6+92	33	LT			OVERHEAD ELECTRIC	POLE	CWLP				X	
176		4+86	40	RT			OVERHEAD ELECTRIC	POLE	CWLP				X	
177		5+86	35	RT			OVERHEAD ELECTRIC	POLE	CWLP				X	
178		6+95	25	RT			OVERHEAD ELECTRIC	POLE	CWLP					X
179		1+19	33	LT	7+99	24	BURIED FIBER OPTIC	TRAFFIC CONTROL	CITY		FO CABLE			HANDHOLES
180		4+43	25	LT			GAS MAIN	VALVE	AMEREN					DEPTH DEPENDENT
181		4+56	11	LT			WATER MAIN	10" CI	CWLP					DEPTH DEPENDENT
182		7+10	10	LT	7+09	41	WATER SERVICE		CWLP					A
183		7+24	10	LT	7+23	42	WATER SERVICE		CWLP					A
184		5+79	45	RT			BURIED FIBER OPTIC		CENTURY LINK					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/STABILIZATION BY OTHERS.
- (4) COORDINATE TEMPORARY RELOCATION TO ACCOMMODATE CONSTRUCTION CLEARANCE
- A TO BE ABANDONED BY UTILITY COMPANY

FINAL

MODEL: Sheet 2
 FILE: hanson-proj\hanson-proj\09109101798\Usable_Segment_III - V - V\CAD\Rail\Usable_Segment_V\SheetD09101798-SC-LS\US\A001.dgn



USER NAME = Pop00275	DESIGNED - JAD	REVISED -
PLOT SCALE = 2.00' / in.	CHECKED - JAD	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
UTILITY ADJUSTMENT SCHEDULE - 2**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	40
	09L0179B	CONTRACT NO.	93747	
# 7985A & 8007	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

LOCATION				60235700 INLETS, TYPE A, TYPE 3 F&G	60240220 INLETS, TYPE B, TYPE 3 F&G	60263100 INLETS TO BE RECON. TYPE 3 FRAME & GRATE	60218400 MANHOLE, TYPE A, 4' DIAMETER TYPE 1 FRAME CLOSED LID	60218500 MANHOLE, TYPE A, 4' DIAMETER TYPE 3 FRAME AND GRATE	60224447 MANHOLE, TYPE A, 7' DIAMETER TYPE 3 FRAME AND GRATE	X6022900 CATCH BASINS TO BE RECONSTRUCTED (SPECIAL)	X6050210 FILLING CATCH BASINS, SPECIAL
NO.	STATION	OFFSET	FRAME ELEV	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
SOUTH GRAND AVENUE											
S2684	3+82	23.5' LT.	584.50						1		1
S2680	4+38	22' LT.	583.53					1			
S100	4+46	22' LT.	583.51					1			
S101	4+56	22' LT.	583.55					1			
S104	5+86	29' LT.	588.45			1					
S2679	4+24.5	21' RT.	583.61	1							
S102	4+35	21.5' RT.	583.53		1						
S103	4+46	21.5' RT.	583.51		1						
S2692	4+55.5	22' RT.	583.53					1			
S105	1+25	57' LT.	602.10				1				
S106	4+49	93.5' LT.	603.50				1				
COOK STREET											
C100	16+72	33.5' LT.	579.35	1							
2293	16+76	33.5' LT.	579.28			1					
2296	17+41	33.5' LT.	579.74			1					
C101	17+45	33.5' LT.	579.80	1							
C102	16+72	33.5' LT.	579.70	1							
2269	16+76	33.5' LT.	579.60			1					
2277	17+41	33.5' LT.	579.16			1					
C103	17+45	33.5' LT.	579.25	1							
2285	17+09	36' LT.	579.68							1	
C104	17+09	7' RT.	580.20				1				
C105	18+95	7' RT.	585.75				1				
C106	18+95	16' LT.	585.58				1				
TOTAL				5	2	4	6	4	1	1	1

PIPE SCHEDULE

FROM STRUCTURE		TO STRUCTURE		550A0050 STORM SEWERS, CLASS A TYPE 1, 12"	550A0360 STORM SEWERS, CLASS A, TYPE 2, 15"	550A0380 STORM SEWERS, CLASS A, TYPE 2, 18"	550A0410 STORM SEWERS, CLASS A, TYPE 2, 24"	55200900 STORM SEWERS JACKED IN PLACE, 24"
NUMBER	INVERT ELEV	NUMBER	INVERT ELEV	FOOT	FOOT	FOOT	FOOT	FOOT
SOUTH GRAND AVENUE								
S2684	579.5	S2680	578.96				52	
S2680	578.92	S100	578.87				4	
S100	578.83	S101	578.79				6	
S101	578.75	S104	577.50				126	
S104	577.50	PUMP STATION	576.10				84	
S2679	581.00	S102	580.00	8				
S102	579.95	S103	579.90	8				
S103	579.85	S2692	579.80	6				
S2692	579.75	S101	578.75		38			
S106	594.35	S105	592.50			312		
COOK STREET								
C100	576.80	2293	576.70	4				
C101	576.50	2296	576.40	4				
C102	575.90	2269	575.80	4				
C103	576.10	2277	576.00	4				
2285	574.78	C104	574.40				42	
C104	574.35	C105	572.30				184	
C105	572.20	PUMP STATION	571.70					44
C106	579.30	C105	579.00		22			
TOTAL				38	60	312	498	44

FINAL

MODEL 001
FILE NAME: p:\projects\csw-bentley\com\barroso\p-w-01\Documents\09\090179B\Usable_Segment_V\090179B\Usable_Segment_V\090179B\Usable_Schedule.dwg
V:\090179B\Usable_Segment_V\090179B\Usable_Schedule.dwg



USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / In.	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE = 1/18/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET 1 OF 9 SHEETS	STA.	TO STA.
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**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SCHEDULE OF QUANTITIES – ROADWAY – 1**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	41
	09L0179B			CONTRACT NO. 93747
* 7985A & 8008		ILLINOIS	FED. AID PROJECT	

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
S. GRAND AVE.						
STA. 0+95 TO STA. 4+35 LT. (N.W. QUAD)	0.66	68	68	68	1.50	0.66
STA. 1+12 TO STA. 3+89 RT. (S.W. QUAD)	0.09	9	9	9	0.20	0.09
STA. 5+88 TO STA. 8+15 RT. (S.E. QUAD)	0.12	13	13	13	0.30	0.12
STA. 5+43 TO STA. 7+55 (N.E. QUAD)	0.22	23	23	23	0.50	0.22
TOTAL	1.09	113	113	113	2.50	1.09

USE 1.25 ACRE

USE 1.25 ACRE

EARTHWORK				
LOCATION	20200100 EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
S. GRAND AVE.				
STA. 1+25 TO STA. 4+00	2968	2226	0	2226
STA. 5+55 TO STA. 8+00	1158	869	18	871
ENTRANCE RELOCATION 9TH AND S. GRAND AVE.				
STA. 100+96 TO STA. 104+16	206	155	45	110
TOTAL	4332	3250	63	3207

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

20800150 TRENCH BACKFILL	
LOCATION	TRENCH BACKFILL
	CU. YD.
S. GRAND AVE.	
STA. 3+82 21' LT. TO STA. 4+38 21' LT.	39
STA. 4+40 21' LT. TO STA. 4+44 21' LT.	3
STA. 4+48 21' LT. TO STA. 4+54 21' LT.	5
STA. 4+58 21' LT. TO STA. 5+84 29' LT.	97
STA. 4+25.5 21' RT. TO STA. 4+33.5 21' RT.	2
STA. 4+36.5 21' RT. TO STA. 4+44.5 21' RT.	2
STA. 4+47.5 21' RT. TO STA. 4+53.5 21' RT.	2
STA. 4+55.5 21' RT. TO STA. 4+55.55 21' LT.	9
SUB-TOTAL	159
COOK ST.	
STA. 16+71 TO STA. 16+75 34' LT.	1
STA. 17+42 TO STA. 17+46 34' LT.	1
STA. 16+71 TO STA. 16+75 34' RT.	1
STA. 17+42 TO STA. 17+46 34' RT.	1
STA. 17+09 36' LT. TO STA. 17+09 7' RT.	27
STA. 17+09 7' RT. TO STA. 18+95 7' RT.	235
STA. 18+95 16' LT. TO STA. 18+95 7' RT.	18
STA. 18+95 7' RT. TO STA. 18+95 18' RT.	20
SUB-TOTAL	304
TOTAL	463

20100500 TREE REMOVAL, ACRES	
LOCATION	TREE REMOVAL, ACRES
	ACRE
S. GRAND AVE.	
STA 5+45 TO STA. 6+70 LT TO ROW (INCLUDES THE TWO TREES LISTED BELOW)	0.13
STA. 5+54 39' RT.	
STA. 5+60 40' RT.	
TOTAL	0.13

USE 0.25 ACRE

20200200 ROCK EXCAVATION	
LOCATION	ROCK EXCAVATION
	CU. YD.
COOK STREET	
STA. 17+09 34' LT. (2285) TO STA. 17+09 7' RT. (C104)	0.8
STA. 17+09 7' RT. (C104)	0.5
STA. 17+09 7' RT. (C104) TO STA. 18+95 7' RT. (C105)	29.0
STA. 18+95 7' RT. (C105)	2.0
STA. 18+95 7' RT. (C105) TO PUMP STATION	19.2
TOTAL	51.5

USE 52 CU. YD.

20900110 POROUS GRANULAR BACKFILL	
LOCATION	20900110 POROUS GRANULAR BACKFILL
	CU. YD.
S. GRAND AVE.	
STA. 3+76 TO STA. 5+90 LT	45
STA. 4+20.9 TO STA. 4+59.9 RT.	3
STA. 4+52.7 TO STA. 4+58.3 19' LT TO 19' RT.	5
COOK STREET	
STA. 17+05.75 TO STA. 17+12.25 36' LT TO 7' RT.	9
STA. 17+09 TO STA. 18+95 7' RT.	39
STA. 18+95 16' LT. TO STA. 18+95 7' RT.	3
STA. 18+95 7' RT. TO STA. 18+95 18' RT.	3
TOTAL	107

TEMPORARY EROSION CONTROL ITEMS		
LOCATION	28000250 TEMPORARY EROSION CONTROL SEEDING	28000400 PERIMETER EROSION BARRIER
	POUND	FOOT
S. GRAND AVE. (ASSUME 3 APPLICATIONS)		
STA. 0+95 TO STA. 4+35 LT. (N.W. QUAD)	225	
STA. 1+12 TO STA. 3+89 RT. (S.W. QUAD)	30	325
STA. 5+88 TO STA. 8+15 RT. (S.E. QUAD)	45	249
STA. 5+43 TO STA. 7+55 (N.E. QUAD)	75	238
TOTAL	375	812

FINAL

MODEL: 002
FILE: \\msf01\pub\asrc\caw\benley\com\barasop\pw-d1\Documents\09\09\01798\Usable - Segment 11 - V - V\CAD\Road\Usable - Segment_V\Coas\Sheet\09017981-sch.dwg



USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS		*	19-00488-00-BR	SANGAMON	347	42
SCHEDULE OF QUANTITIES - ROADWAY - 2		09L0179B		CONTRACT NO.	9374	
SCALE:	SHEET 2 OF 9 SHEETS	STA.	TO STA.	* 7985A & 8009	ILLINOIS	FED. AID PROJECT

AGGREGATE BASE COURSE TYPE A		
LOCATION	35100700 AGG BASE CSE TYPE A 8"	35101100 AGG BASE CSE TYPE A 12"
	SQ. YD.	SQ. YD.
	RELOCATE PRIVATE ENTRANCE 9TH & S. GRAND AVE. STA. 100+93 TO STA. 104+63.5	617
S. GRAND AVE. STA. 3+76 TO STA. 5+90 LT. STA. 4+20.9 TO STA. 4+59.9 RT. STA. 4+52.7 19' LT. TO STA. 4+58.3 19' RT.		55 16 21
COOK STREET STA. 16+67.2 TO STA. 16+79.8 LT. STA. 16+67.3 TO STA. 16+79.7 RT. STA. 17+37.5 TO STA. 17+50.0 LT. STA. 17+37.7 TO STA. 17+50.2 RT. STA. 17+04.4 35' LT. TO STA. 17+13.2 11.4' RT. STA. 17+13.2 4.5' LT. TO STA. 18+90.5 11.0' RT. STA. 18+90.5 20.6' LT. TO STA. 18+99.6 31.5' RT.		6 6 6 6 45 121 35
TOTAL	617	317

BITUMINOUS MATERIALS		
LOCATION	40600275 BITUMINOUS MATERIALS (PRIME COAT)	40600290 BITUMINOUS MATERIALS (TACK COAT)
	POUND	POUND
	RELOCATED PRIVATE ENTRANCE 9TH & S. GRAND AVE. STA. 100+93 TO STA. 103+76.8	971
TOTAL	971	98

HOT-MIX ASPHALT		
LOCATION	40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19, N50	40604050 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50
	TON	TON
	RELOCATED PRIVATE ENTRANCE 9TH & S. GRAND AVE. STA. 100+93 TO STA. 103+76.8	55
TOTAL	55	37

42400100 PORTLAND CEMENT CONCRETE SIDEWALK	
LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
	SQ. FT.
S. GRAND AVE. STA. 1+02 TO STA. 7+48 LT. STA. 3+88.51 TO STA. 5+55.85 RT.	4866 357
TOTAL	5223

42400800 DETECTABLE WARNINGS	
LOCATION	DETECTABLE WARNINGS
	SQ. FT.
S. GRAND AVE. STA. 1+03 55' LT. TO STA. 1+05 50' LT.	10
TOTAL	10

44000100 PAVEMENT REMOVAL	
LOCATION	PAVEMENT REMOVAL
	SQ. YD.
S. GRAND AVE. STA. 5+77 TO STA. 7+74 38' RT. (BEHIND RETAINING WALL)	304
COOK STREET STA. 15+98.4 TO STA. 19+25	220
TOTAL	524

44000200 DRIVEWAY PAVEMENT REMOVAL	
LOCATION	DRIVEWAY PAVEMENT REMOVAL
	SQ. YD.
S. GRAND AVE. STA. 7+28 TO STA. 7+72 RT. STA. 100+93 TO STA. 101+24 (EXISTING ENTRANCE ON 9TH STREET)	40 175
TOTAL	215

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	43
09L0179B		CONTRACT NO.	93747	

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

* 7985A & 8010 ILLINOIS FED. AID PROJECT

FINAL

MODEL: 003
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V:\CAD\Road\Usable - Segment_V\COAS\Sched\09\017981-sh1-sched.rvt



USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/18/2021	CHECKED -	REVISED -
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44000300 CURB REMOVAL	
LOCATION	CURB REMOVAL
	FOOT
S. GRAND AVE.	
STA. 1+04 25' RT. TO STA. 3+09 47' RT.	206
TOTAL	206

44000400 GUTTER REMOVAL	
LOCATION	GUTTER REMOVAL
	FOOT
S. GRAND AVE.	
STA. 7+27 TO STA. 7+71	44
TOTAL	44

44003100 MEDIAN REMOVAL	
LOCATION	MEDIAN REMOVAL
	SQ. FT.
COOK STREET	
STA. 16+00 6' RT. TO STA. 16+74 6' RT. (DEPRESSED MEDIAN)	407
STA. 16+74 6' RT. TO STA. 18+55 4' LT. (FULL HEIGHT MEDIAN)	1801
STA. 18+55 4' LT. TO STA. 19+25 4' LT. (DEPRESSED MEDIAN)	420
TOTAL	2628

50104650 SLOPEWALL REMOVAL	
LOCATION	SLOPEWALL REMOVAL
	SQ. YD.
S. GRAND AVE.	
STA. 1+08 TO STA. 4+00.2 LT.	689
STA. 1+12.1 TO STA. 4+03.8 RT.	585
STA. 4+84.5 TO STA. 7+48 LT.	545
STA. 4+75.4 TO STA. 6+94 RT.	235
TOTAL	2054

44000500 COMBINATION CURB AND GUTTER REMOVAL	
LOCATION	COMBINATION CURB AND GUTTER REMOVAL
	FOOT
S. GRAND AVE.	
STA. 1+01.6 56.3' LT. TO STA. 1+06 48' LT.	8
STA. 3+76.7 TO STA. 5+90 27' LT. - 2 INLETS	216
STA. 3+88 TO STA. 5+68 24' RT. - 4 INLETS	176
STA. 7+71 TO STA. 8+15.6 20' RT.	47
COOK STREET	
STA. 16+67.2 TO STA. 16+79.8 LT. - INLET	11
STA. 17+37.5 TO STA. 17+50 LT. - INLET	11
STA. 16+67.3 TO STA. 16+79.7 RT. - INLET	11
STA. 17+37.7 TO STA. 17+50.2 RT. - INLET	11
STA. 16+64 TO STA. 18+58 (MEDIAN)	369
TOTAL	860

44000600 SIDEWALK REMOVAL	
LOCATION	SIDEWALK REMOVAL
	SQ. FT.
S. GRAND AVE.	
STA. 1+02 TO STA. 7+48 LT.	2491
TOTAL	2491

CLASS C PATCHES		
LOCATION	44201349 CLASS C PATCHES, TYPE I, 10 INCH	44201359 CLASS C PATCHES, TYPE IV, 10 INCH
	SQ. YD.	SQ. YD.
S. GRAND AVE.		
STA. 3+93 17' LT TO STA. 4+86 20' LT. & STA. 4+21 18' RT. TO STA. 4+60 16' RT.		52
COOK STREET		
STA. 16+67.2 TO STA. 16+79.88 LT.	3	
STA. 17+37.5 TO STA. 17+50 LT.	3	
STA. 16+67.3 TO STA. 16+79.7 RT.	3	
STA. 17+37.7 TO STA. 17+50.2 RT.	3	
STA. 17+04.2 TO STA. 17+13.2 11.4' RT.		44
STA. 17+13.2 11.4' RT. TO STA. 18+90.5 4.5' RT.		128
STA. 18+90.5 20.6' LT. TO STA. 18+99.3 18' RT.		39
TOTAL	12	263

FINAL

MODEL 004
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	44
	09L0179B	CONTRACT NO.		9374
* 7985A & 8011		ILLINOIS	FED. AID PROJECT	

SUMMARY OF RETAINING WALL QUANTITIES		
LOCATION	50800205 REINFORCEMENT BARS, EPOXY COATED	50300225 CONCRETE STRUCTURES
	POUND	CU. YD.
S. GRAND AVE.		
STA. 1+25 27.6' RT. TO STA. 3+89.7 49.5' RT.	1695	27.9
STA. 1+12 26' RT.	5	0.1
TOTAL	1700	28.0

52200020 TEMPORARY SOIL RETENTION	
LOCATION	TEMPORARY SOIL RETENTION
	SQ. FT.
S. GRAND AVE.	
STA. 3+76.7 TO STA. 5+88.6 20' LT.	1773
STA. 4+52.7 16.5' LT. TO STA. 4+59.9 16.2' RT.	380
COOK STREET	
STA. 17+04.4 32.6' LT. TO STA. 17+04.2 11.4' RT.	270
STA. 17+13.4 32.6' LT. TO STA. 17+13.2 11.4' RT.	270
STA. 17+13.2 3.2' RT. TO STA. 18+90.5 3.3' RT.	1665
STA. 17+13.2 11.4' RT. TO STA. 18+90.5 12.3' RT.	1558
STA. 18+90.5 20.6' LT. TO STA. 18+90.5 18' LT.	295
STA. 18+99.3 20.6' RT. TO STA. 18+99.6 18' RT.	377
TOTAL	6588

STORM SEWER REMOVAL				
LOCATION	55100700 STORM SEWER REMOVAL 15"	55100900 STORM SEWER REMOVAL 18"	55101100 STORM SEWER REMOVAL 21"	55101200 STORM SEWER REMOVAL 24"
	FOOT	FOOT	FOOT	FOOT
S. GRAND AVE.				
STA. 1+25 57' LT TO STA. 3+72 59' LT.				250
STA. 3+85 21' LT. TO STA. 4+11 19' LT.			26	
STA. 3+79 26' LT. TO STA. 3+72 59' LT.				
STA. 3+85 26' LT. TO STA. 3+72 59' LT.				
COOK STREET				
STA. 17+42 TO STA. 17+48 34' LT.				
STA. 17+42 TO STA. 17+48 34' RT.				
STA. 17+09 16' LT. TO STA. 17+09 7' RT.	24			
STA. 17+09 36' RT. TO STA. 17+09 16' RT.		20		
TOTAL	24	20	26	250

COMBINATION CONCRETE CURB AND GUTTER			
LOCATION	60604400 COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18	60605900 COMBINATION CONCRETE CURB AND GUTTER TYPE B-9.12	60607400 COMBINATION CONCRETE CURB AND GUTTER TYPE B-9.24
	FOOT	FOOT	FOOT
S. GRAND AVE.			8
STA. 1+02 56' LT. TO STA. 1+06 48' LT.			210
STA. 3+82 TO STA. 5+90 27' LT. - 8' (INLETS)			172
STA. 3+88 TO STA. 5+68 24' RT. - 8' (INLETS)			91
STA. 7+27 TO STA. 8+18 20' RT.			
COOK STREET			
STA. 15+98.5 TO STA. 19+25 (MEDIAN)		668	
STA. 16+70 to STA. 16+78 LT. - 2 INLETS	4		
STA. 17+39 TO STA. 17+47 LT. - 2 INLETS	4		
STA. 16+70 to STA. 16+78 RT. - 2 INLETS	4		
STA. 17+39 TO STA. 17+47 RT. - 2 INLETS	4		
TOTAL	16	668	481

60500040 REMOVING MANHOLES	
LOCATION	REMOVING MANHOLES
	EACH
S. GRAND AVE.	
STA. 3+72 59' LT.	1
TOTAL	1

60500105 FILLING MANHOLES	
LOCATION	FILLING MANHOLES
	EACH
S. GRAND AVE.	
STA. 4+29 16' LT.	1
TOTAL	1

60618300 CONCRETE MEDIAN SURFACE, 4 INCH	
LOCATION	CONCRETE MEDIAN SURFACE
	SQ. FT.
COOK STREET	
STA. 15+98.4 4.5' RT. TO STA. 19+25.0 7.2' LT.	3497
TOTAL	3497

USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / In.	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

60500060 REMOVING INLETS	
LOCATION	REMOVING INLETS
	EACH
S. GRAND AVE.	
STA. 4+38 21' LT.	1
STA. 4+24.5 21' RT.	1
STA. 4+55.5 21' RT.	1
TOTAL	3

FLAP GATES		
LOCATION	60801006 FLAP GATES 6"	60801008 FLAP GATES 8"
	EACH	EACH
S. GRAND AVE.		
STA. 3+83 20' LT.	1	
STA. 3+80 22' RT.		1
STA. 3+81 20' LT.		1
STA. 3+86 23' LT.		1
COOK STREET		
STA. 17+48 34' LT.		1
STA. 17+48 34' RT.		1
TOTAL	1	5

63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	
LOCATION	STEEL PLATE BEAM GUARDRAIL TYPE A 6 FOOT POSTS
	FOOT
S. GRAND AVE.	
STA. 6+00 TO STA. 6+25 49' RT.	25
TOTAL	25

63200310 GUARDRAIL REMOVAL	
LOCATION	63200310 GUARDRAIL REMOVAL
	FOOT
S. GRAND AVE.	
STA. 5+93 TO STA. 6+20 38' RT.	27
TOTAL	27

66400105 CHAIN LINK FENCE, 4'	
LOCATION	CHAIN LINK FENCE 4'
	FOOT
S. GRAND AVE.	
STA. 5+87 TO STA. 6+97 RT.	115
TOTAL	115

TEMPORARY PAVEMENT MARKING		
LOCATION	70300230 TEMPORARY PAVEMENT MARKING LINE - 5"	70300210 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS
	FOOT	SQ. FT.
S. GRAND AVE.		
STA. 1+35.8 TO STA. 8+09 7' LT.	677	
STA. 1+09.1 TO STA. 8+11 2' RT.	703	
STA. 0+13 TO STA. STA. 0+82 81' LT. (TURN LANE TO 9TH STREET)	30	
STA. 0+00 12' RT. (LEFT TURN ARROW)		8.8
STA. 0+00 24' RT. (RIGHT TURN ARROW)		8.8
COOK STREET		
STA. 14+12.0 TO STA. 20+96.5 LT.	690	
STA. 14+12.0 TO STA. 20+96.5 RT.	692	
STA. 14+12.0 TO STA. 15+12.0 LT.	100	
STA. 20+13.2 TO STA. 20+96.6 RT.	84	
TOTAL	2976	17.6

USE 18 SQ. FT.

70400100 TEMPORARY CONCRETE BARRIER	
LOCATION	TEMPORARY CONCRETE BARRIER
	FOOT
COOK STREET	
STA. 16+25.1 TO STA. 19+12.5 LT.	287.5
STA. 15+92.0 TO STA. 19+42.0 RT.	350.0
S. GRAND AVE.	
STA. 2+57.1 TO STA. 7+05.6 LT.	450.0
STA. 2+16.9 TO STA. 7+18.1 RT.	500.0
TOTAL	1587.5

FINAL

MODEL 006
FILE NAME: p:\vba\scm\paw\hender\com\barasop\paw\01798\usable - Segment 11 - V - V\CAD\Road\Usable - Segment 11 - V - V\COA\Sched\000017911-sch-sched.rvt



USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / In.	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS		*	19-00488-00-BR	SANGAMON	347	46
SCHEDULE OF QUANTITIES - ROADWAY - 6		09L0179B		CONTRACT NO.		93747
SCALE:	SHEET 6 OF 9 SHEETS	STA.	TO STA.	* 7985A & 8013 ILLINOIS FED. AID PROJECT		

70600255 IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2	
LOCATION	IMPACT ATTENUATORS TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 2 EACH
S. GRAND AVE.	
STA. 1+91.3 TO STA. 2+16.9 RT.	1
STA. 7+05.6 TO STA. 7+31.2 LT.	1
COOK STREET	
STA. 15+66.4 TO STA. 15+92.0	1
STA. 19+12.5 TO STA. 19+38.1	1
TOTAL	4

72400200 REMOVE SIGN PANEL ASSEMBLY - TYPE B	
LOCATION	REMOVE SIGN PANEL ASSEMBLY TYPE B EACH
S. GRAND AVE.	
STA. 1+30 25' RT.	1
TOTAL	1

72000100 SIGN PANEL TYPE 1	
LOCATION	72000100 SIGN PANEL TYPE 1 SQ. FT.
S. GRAND AVE.	
STA. 6+00.5 48' RT. (OM 4-3)	9
STA. 6+06.5 48' RT. (OM 4-3)	9
STA. 6+18.5 48' RT. (OM 4-3)	9
STA. 6+24.5 48' RT. (OM 4-3)	9
TOTAL	36

72800100 TELESCOPING STEEL SIGN SUPPORT	
LOCATION	TELESCOPING STEEL SIGN SUPPORT FOOT
S. GRAND AVE.	
STA. 6+00.5 48' RT.	12
STA. 6+06.5 48' RT.	12
STA. 6+11 48' RT.	12
STA. 6+14 48' RT.	12
STA. 6+18.5 48' RT.	12
STA. 6+24.5 48' RT.	12
TOTAL	72

72000200 SIGN PANEL TYPE 2	
LOCATION	72000200 SIGN PANEL TYPE 2 SQ. FT.
S. GRAND AVE.	
STA. 6+12.5 48' RT. (R11-2)	10
TOTAL	10

X2200018 ORNAMENTAL FENCE	
LOCATION	ORNAMENTAL FENCE FOOT
S. GRAND AVE.	
STA. 1+25 TO STA. 3+89.7 RT.	261
TOTAL	261

FINAL

MODEL: 007
 FILE: \\nas01\cadd\pwworking\springfield\cadd\19-00488-00\19-00488-00-Roadway-7.dwg
 USER: vveestra
 PLOT DATE: 1/18/2021



USER NAME = Pop00275	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / 1"	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	47
	09L0179B			9374
* 7985A & 8014		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

X5509900 ABANDON AND FILL EXISTING STORM SEWER	
LOCATION	ABANDON AND FILL EXIST. STORM SEWER
	FOOT
S. GRAND AVE.	
STA. 4+11 21' LT. TO STA. 4+28 16' LT. (21")	18
STA. 4+30 16' LT. TO STA. 4+37 20' LT. (15")	8
STA. 4+23 20' RT. TO STA. 4+28 15' LT. (12")	36
STA. 4+40 20' LT. TO STA. 4+54 20' RT. (12")	44
COOK STREET	
STA. 17+11 TO STA. 18+93 16' LT. (15")	182
TOTAL	288

X6640300 CHAIN LINK FENCE REMOVAL	
LOCATION	FENCE REMOVAL
	FOOT
S. GRAND AVE.	
STA. 1+22 TO STA. 4+03 LT.	374
STA. 4+70 TO STA. 7+45 LT.	451
STA. 4+75 TO STA. 6+94 RT.	220
STA. 3+93 TO STA. 4+09 TO ROW LT.	60
TOTAL	1105

X7030005 TEMPORARY PAVEMENT MARKING REMOVAL	
LOCATION	TEMPORARY PAVEMENT MARKING REMOVAL
	SQ. FT.
S. GRAND AVE.	
STA. 1+35.8 TO STA. 8+09.7 LT.	285
STA. 1+09.1 TO STA. 8+11.2 RT.	296
STA. 0+13 TO STA. STA. 0+82 81' LT. (TURN LANE TO 9TH STREET)	13
STA. 0+00 12' RT. (LEFT TURN ARROW)	9
STA. 0+00 24' RT. (RIGHT TURN ARROW)	9
COOK STREET	
STA. 14+11.8 TO STA. 20+96.5 LT.	290
STA. 14+11.8 TO STA. 20+96.6 RT.	291
STA. 14+12.0 TO STA. 15+12.0 LT.	42
STA. 20+13.2 TO STA. 20+96.6 RT.	36
TOTAL	1271

X0326671 CONCRETE SURFACE COLOR TREATMENT	
LOCATION	CONCRETE SURFACE COLOR TREATMENT
	SQ. FT.
S. GRAND AVE.	
EXISTING RETAINING WALL FACE AND TOP	
STA. 1+12 TO STA. 3+89	1627
STA. 5+67 TO STA. 7+28	1147
SLOPEWALL	
STA. 1+46.42 TO STA. 1+68.42 RT. (12" LINES)	209
STA. 1+68.42 TO STA. 3+89.7 RT. (6" LINES)	24
TOTAL	3007

CONCRETE SEALER AND SANDBLASTING CONCRETE		
LOCATION	58700300 CONCRETE SEALER	Z0056600 SANDBLASTING CONCRETE
	SQ. FT.	SQ. YD.
S. GRAND AVE.		
EXISTING RETAINING WALL		
STA. 1+12 TO STA. 3+89 RT.	1627	181
STA. 5+67 TO STA. 7+28 RT.	1147	128
PROPOSED SLOPEWALL		
STA. 1+24.75 TO STA. 3+89.7	4298	
TOTAL	7072	309

Z0065702 SLOPE WALL, SPECIAL	
LOCATION	SLOPE WALL, SPECIAL
	SQ. YD.
S. GRAND AVE.	
STA. 1+25 TO STA. 3+89.7 RT.	504
TOTAL	504

X0326805 FOUNDATION REMOVAL	
LOCATION	FOUNDATION REMOVAL
	SQ. FT.
S. GRAND AVE.	
STA. 6+63 TO STA. 6+92 48' TO 72' LT.	754
TOTAL	754

X6430120 REMOVE IMPACT ATTENUATORS, NO SALVAGE	
LOCATION	REMOVE IMPACT ATTENUATORS
	EACH
COOK STREET	
STA. 17+29.7 TO STA. 17+44.7	1
STA. 17+83.7 TO STA. 17+98.7	1
TOTAL	2

FINAL

MODEL: 009
FILE: \\msf-pw\ubasem\caw\benley.com\barasop\pw-d1\Documents\09\09\01798\Usable - Segment - V - V - V\VCAD\Road\Usable - Segment - V\Cook\Sheet\0609017981-shi-schedule-00



USER NAME = Pop00275	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 2,000' / In.	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 9 OF 9 SHEETS		STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						*	19-00488-00-BR	SANGAMON	347	49
							09L0179B		CONTRACT NO.	93747
						* 7985A & 8016	ILLINOIS	FED. AID PROJECT		

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

PAVEMENT AND SIDEWALK REMOVAL SCHEDULE						
LOCATION				44000100	44000200	44000600
BEGIN STATION	OFFSET	END STATION	OFFSET	PAVEMENT REMOVAL SQ YD	DRIVEWAY PAVEMENT REMOVAL SQ YD	SIDEWALK REMOVAL SQ FT
UPRR MAIN 1						
47760+67	42	L	47763+85	181	L	4120
47764+09	182	L	47764+39	37	R	792
47766+67	121	L	47766+71	145	L	12
47766+71	120	L	47767+76	84	L	323
47767+05	31	L	47768+11	143	L	659
47767+60	141	L	47767+75	148	L	13
47768+11	175	L	47768+41	27	L	497
47768+11	82	R	47768+42	23	R	201
47770+36	182	L	47772+11	239	L	531
47771+49	39	R	47771+83	77	R	147
47773+19	19	R	47774+32	38	R	212
47774+27	79	R	47774+65	76	R	82
47778+67	114	L	47779+59	165	L	482
47798+56	127	L	47798+96	168	L	184
47763+84	36	R	47764+09	37	R	2
47763+90	36	L	47764+04	23	L	18
47763+90	124	L	47764+09	97	L	57
47768+40	101	L	47768+62	76	L	61
47763+85	182	L	47763+89	36	R	1202
47768+62	174	L	47768+66	28	L	660
TOTALS				8255	138	1861

TRACK REMOVAL						
LOCATION						Z0076100
TRACK	BEGIN STATION	END STATION	LT/RT	STAGE	TURNOUT REMOVAL (INCLUDED IN TRACK REMOVAL) EACH	TRACK REMOVAL FOOT
EX US2 NSRR MAIN	47800+58	47812+86	LT	2		918
EX US2 NSRR TRACK 1	47800+58	47812+86	LT	2		924
EX NSRR MAIN	47764+30	47800+58	LT	2	1	3,627
EX NSRR SP01 (TRACK 1)	47765+54	47800+58	LT	2	3	3,504
EX NSRR SP02	47776+43	47800+58	LT	1	2	2,417
EX NSRR SP03	47777+65	47797+07	LT	1	2	1,942
EX NSRR SP04	47778+69	47796+15	LT	1	2	1,746
EX NSRR SP05	47779+77	47795+38	LT	1	2	1,560
EX NSRR SP06	47780+91	47794+51	LT	1	2	1,360
EX NSRR SP07	47775+48	47793+66	LT	1	1	1,822
EX NSRR SP08	47773+76	47798+05	LT	1	1	2,441
EX NSRR SP09	47776+07	47799+52	LT	1	1	2,360
EX NSRR SP10	47774+80	47794+67	LT	1	2	1,999
EX NSRR SP11	47778+80	47795+75	LT	1	2	1,708
EX NELCH SPUR	47776+88	47778+01	RT	1		114
TOTAL					21	28,442

TRACK REMOVAL LIMITS SHALL BE CONFIRMED BY NSRR PRIOR TO ANY REMOVAL

TREE REMOVAL SCHEDULE			
LOCATION			20100500 TREE REMOVAL, ACRES
UPRR MAIN 1	STATION 47796+30	STATION 47799+80	0.5
TOTAL			0.5
ROUNDED TOTAL			0.50

MISCELLANEOUS REMOVAL SCHEDULE							
LOCATION				63200310	84200600	84200804	X3400004
BEGIN STATION	OFFSET	END STATION	OFFSET	GUARDRAIL REMOVAL FOOT	REMOVAL OF LIGHTING UNIT, NO SALVAGE EACH	REMOVAL OF POLE FOUNDATION EACH	RETAINING WALL REMOVAL FOOT
UPRR MAIN 1							
47764+00	22	LT				1	
47764+45	20	RT				1	
47767+32	164	LT			1	1	
47767+33	104	LT			1	1	
47767+86	22	RT	47768+62	22	RT	76	
47767+87	25	LT	47768+64	26	LT	77	
47770+70	38	RT	47771+18	38	RT		48
47774+43	72	RT	47774+51	48	RT		26
47776+01	46	RT	47776+02	62	RT		18
47778+12	21	RT	47778+81	21	RT	73	
TOTAL				226	2	4	92

SEWER AND UTILITY REMOVAL/ADJUSTMENT SCHEDULE							
LOCATION				60500040	55100500	X0324752	59300100
BEGIN STATION	OFFSET	END STATION	OFFSET	REMOVING MANHOLES EACH	STORM SEWER REMOVAL 12" FT	STORM SEWER TO BE FILLED CU YD	CONTROLLED LOW-STRENGTH MATERIAL CU YD
UPRR MAIN 1							
47764+02.63	87	LT		1			
47768+26.00	155	LT	47768+26.00	84	RT	141	
47768+46.00	43	LT		1			
47772+60.80	54	RT	47772+61.00	133	LT	5	
47773+22.50	59	LT	47773+22.50	188	LT	134	
47774+47.27	82	RT		1			
47776+82.52	167	LT	47774+47.27	82	RT	160	
47777+17.50	35	RT		1			
MISC UNKNOWN STRUCTURES							
TOTALS				5	134	306	20

FENCE REMOVAL SCHEDULE						
LOCATION					Z0022800	
BEGIN STATION	OFFSET	END STATION	OFFSET	FOOT	FENCE REMOVAL	
UPRR MAIN 1						
47760+67	42	L	47763+83	42	L	317
47763+82	42	L	47763+84	119	L	78
47764+65	30	L	47766+65	29	L	200
47764+65	30	L	47764+67	180	L	150
47764+67	180	L	47765+68	180	L	101
47773+18	19	R	47776+07	23	R	289
47776+07	23	R	47776+07	33	R	11
47776+12	71	L	47776+12	65	L	6
47776+12	65	L	47777+02	85	L	92
47777+02	85	L	47777+01	119	L	34
47778+17	20	R	47784+50	22	R	633
47784+50	22	R	47784+50	32	R	10
47784+50	22	R	47785+15	23	R	66
47785+15	23	R	47785+15	33	R	11
47785+15	23	R	47786+07	22	R	92
47786+07	22	R	47786+07	29	R	7
47786+93	32	R	47787+58	32	R	65
47788+20	34	R	47788+46	27	R	27
47788+46	27	R	47794+63	33	R	618
47796+91	141	L	47797+41	141	L	50
47797+41	141	L	47797+42	110	L	31
47798+37	111	L	47798+95	113	L	59
47798+52	202	L	47798+55	128	L	74
47798+55	128	L	47798+36	112	L	25
47798+95	113	L	47798+97	74	L	39
47798+97	74	L	47798+38	72	L	59
TOTAL					3144	

SIGN REMOVAL SCHEDULE				
LOCATION				72400100
STATION	OFFSET	SECTION	EACH	REMOVE SIGN PANEL ASSEMBLY - TYPE A
UPRR MAIN 1				
47763+81	22	L	1	
47764+06	77	L	1	
47764+06	173	L	1	
47767+94	20	R	1	
47767+96	23	L	1	
47768+53	20	R	1	
47768+61	24	L	1	
47773+17	188	L	6	
47773+20	23	L	1	
TOTAL				14

FINAL MODEL - Sheet 3 FILE: \\hanson-cdw-bentley.com\hanson-cdw\c1\Documents\09\091798\Usable_Segment_VIS\Sheet\091798-SC\US\A001.dgn



USER NAME = Pop00275
 PLOT SCALE = 2.00' / in.
 PLOT DATE = 1/18/2021

DESIGNED - DJP
 DRAWN - DJP
 CHECKED - MNM
 DATE - 1/18/2021

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	50
	09L0179B	CONTRACT NO.	93747	
# 79854 & 8017	ILLINOIS	FED. AID PROJECT		

LOCATION		EARTHWORK													COMMENTS
		A	B	C	D	20200200	20400800	66900200	66900530	66901001	66901003	66901006	Z0069700	Z0002300	
		20200100	EXCAVATION TO BE USED IN EMBANKMENT, ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE EXCESS (+) OR SHORTAGE (-)	ROCK EXCAVATION	FURNISHED EXCAVATION	NON-SPECIAL WASTE DISPOSAL	SOIL DISPOSAL ANALYSIS	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	REGULATED SUBSTANCES MONITORING	SUB-BALLAST	BALLAST	
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	EACH	L SUM	L SUM	CAL DAYS	CU YD	CU YD	
TRACK															
Stage 1		17,160	12,875	32,005	-19,130		19,130						10,895		
Drainage Ditch Lt Sta. 47776+15 to Sta. 47795+25					-5,322		5,322	5,322	2	1	1	55			
Stage 2		3,400	2,555	14,600	-12,045		12,045						8,290	292	
SUBTOTAL		20,560	15,430	46,605	-36,497	0	36,497	5,322	2	1	1	55	19,185	292	
ROAD EARTHWORK BALANCE		4,332	3,249	63	3,186	52									
TOTAL		24,892	18,679	46,668	-33,311	52	36,497	5,322	2	1	1	55	19,185	292	
TOTAL Rounded to Nearest 5 CY		24,890					36,495								

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

LOCATION		SEEDING SCHEDULE										
		25000110	25000400	25000500	25000600	25000700	25100115	25100125	X2503000			
BEGIN STATION	OFFSET	END STATION	OFFSET	ACRE	POUND	POUND	POUND	TON	ACRE	ACRE	ACRE	
UPRR MAIN 1												
STAGE 1												
				3.20	288	288	288	6.4		1.70	9.60	
STAGE 2												
				1.30	117	117	117	2.6		1.30	3.90	
EXCESS PARCELS												
EDWARDS TO COOK			LT	0.81	73	73	73	1.6	0.81		2.44	
COOK TO LAWRENCE			LT	0.21	19	19	19	0.4	0.21		0.63	
KANSAS TO CLAY			RT	0.06	6	6	6	0.1	0.06		0.19	
SOUTH GRAND AVE. PUMP STA.			LT	0.31	28	28	28	0.6	0.31		0.93	
ROUNDED TOTAL				6.00	531	531	531	11.8	1.50	3.00	17.75	

(1) CONTINGENCY QUANTITY BASED ON ASSUMPTION THAT VEGETATED AREAS WILL REQUIRE 3 MOWINGS.

LOCATION		SIGNS AND GUARDRAIL					
		72000100	72000200	72900100	63000001		
STREET	LOCATION	DESCRIPTION	SQ FT	SQ FT	FOOT	FOOT	
	STATION OFF						
EDWARDS ST	RT ON GATE	OM4-3 (18X18) - OBJECT MARKER	2.3				
	RT ON GATE	OM4-3 (18X18) - OBJECT MARKER	2.3				
	RT 9TH ST INTERSECTION	W14-1 (36X36) - DEAD END	9.0		26		
	LT ON GATE	OM4-3 (18X18) - OBJECT MARKER	2.3				
	LT ON GATE	OM4-3 (18X18) - OBJECT MARKER	2.3				
JACKSON ST	LT 11TH ST INTERSECTION	W14-1 (36X36) - DEAD END	9.0		26		
	RT CLOSURE	GUARDRAIL				25	
	RT CLOSURE	OM4-3 (18X18) - OBJECT MARKER	2.3		11		
	RT CLOSURE	OM4-3 (18X18) - OBJECT MARKER	2.3		11		
	RT CLOSURE	OM4-3 (18X18) - OBJECT MARKER	2.3		11		
	RT CLOSURE	OM4-3 (18X18) - OBJECT MARKER	2.3		11		
	RT CLOSURE	R11-2 (48X30) - ROAD CLOSED		10	23		
	RT 9TH ST INTERSECTION	W14-1 (36X36) - DEAD END	9.0		26		
BARRET ST SOUTH OF COOK	LT ON GATE @ CITY P-LOT	OM4-3 (18X18) - OBJECT MARKER	2.3				
	LT ON GATE @ CITY P-LOT	OM4-3 (18X18) - OBJECT MARKER	2.3				
	LT 11TH ST INTERSECTION	W14-1 (36X36) - DEAD END	9.0		26		
	CLOSURE	OM4-3 (18X18) - OBJECT MARKER	2.3		11		
	CLOSURE	OM4-3 (18X18) - OBJECT MARKER	2.3		11		
		OM4-3 (18X18) - OBJECT MARKER	2.3		11		
TOTAL			65	10	206	25.00	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	51
	09L0179B		CONTRACT NO. 93747	
* 7985A & 8018	ILLINOIS	FED. AID PROJECT		

SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.

USER NAME = Pop00275	DESIGNED - DJP	REVISED -
	DRAWN - DJP	REVISED -
PLOT SCALE = 2.00' / in.	CHECKED - MNM	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

PAVEMENT SCHEDULE											
LOCATION			35100700	40600275	40600290	40604050	40603080	42300400	42300200	45200100	45200300
LOCATION			AGGREGATE BASE COURSE, TYPE A 8"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	JOINT OR CRACK FILLING
BEGIN STATION	END STATION	OFFSET	SQ YD	POUND	POUND	TON	TON	SQ YD	SQ YD	FOOT	POUND
UPRR MAIN 1											
CITY PARKING LOT - CAPITOL / EDWARDS			3421	7698	770	287.4	574.8	14.5		975	271
ENTRANCES - EDWARDS								139.6			
PUMP STATION - S. GRAND			243	546	55	20.4	40.8		62		
PUMP STATION - COOK			251	564	56	21.1	42.1		110		
BARRET ST. ENTRANCES SOUTH OF COOK								133.2			
TOTALS			3914	8807	881	329	658	287	173	975	271

PAVEMENT MARKING SCHEDULE						
LOCATION		78001100	78001110	X0301430	78300202	
LOCATION		PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	PAINT PAVEMENT MARKING - LINE 4"	PRECAST CONCRETE PARKING BLOCK	PAVEMENT MARKING REMOVAL - WATER BLASTING	
BEGIN STATION	END STATION	OFFSET	SQ FT	FOOT	EACH	SQ FT
CITY PARKING LOT CAPITOL / EDWARDS						
PARKING SPACES ALONG WEST E.O.P.					69	
				1224		PARKING STALL LINES
				84		45 DEGREE STRIPING AND BORDER
PARKING SPACES ALONG EAST E.O.P.					65	
			12			"NO PARKING"
				1116		PARKING STALL LINES
				438		45 DEGREE STRIPING AND BORDER
NO PARKING STRIPING AT SOUTH E.O.P.			12			"NO PARKING"
				343		45 DEGREE STRIPING AND BORDER
MARKING REMOVAL IN ASPHALT LOTS OF CAPITOL						79
						EXISTING PARKING STALL LINES
MARKING REMOVAL IN PCC LOT NORTH OF EDWARDS						168
						EXISTING PARKING STALL LINES
TOTAL			24	3205	134	247

FENCE SCHEDULE								
LOCATION				66500105	66501600	X6640308	X6640570	NOTE
LOCATION				WOVEN WIRE FENCE, 4' FOOT	WOVEN WIRE GATES, 4' X 16' DOUBLE EACH	CHAIN LINK GATES, (SPECIAL) EACH	CHAIN LINK FENCE, 8' (SPECIAL) FOOT	NOTE
BEGIN STATION	OFFSET	END STATION	OFFSET					
UPRR								
47760+67.0	99.7	L	47760+89.7	99.7	L			23
47760+89.7	99.7	L	47761+26.3	119.4	L			42
47761+26.3	119.4	L	47763+83.6	120.0	L			257
47763+83.6	120.0	L	47764+12.1	182.8	L			39
47763+81.9	35.3	R	47764+63.6	36.9	R	82		
47763+83.6	120.0	L	47764+63.7	120.0	L			80
47764+12.1	182.8	L	47764+36.1	182.8	L		1	8'x24' Gate Double
47764+36.1	182.8	L	47766+10.9	182.8	L			175
47764+63.6	36.9	R	47767+85.6	36.7	R	322		
47764+63.7	120.0	L	47767+75.7	119.4	L			312
47766+10.9	182.8	L	47767+75.7	182.8	L			165
47767+75.7	182.8	L	47767+75.7	119.4	L			63
47767+75.7	119.4	L	47768+17.2	119.4	L	42		
47767+85.6	36.7	R	47768+17.2	36.4	R	32		
47768+17.2	36.4	R	47768+33.2	36.6	R		1	
47768+17.2	119.4	L	47768+33.2	119.4	L		1	
47768+33.2	36.6	R	47768+65.6	37.5	R	32		
47768+33.2	119.4	L	47768+66.0	120.0	L	33		
47768+65.6	37.5	R	47770+70.6	36.9	R	205		
47768+66.0	120.0	L	47770+68.8	119.4	L	203		
47770+68.8	119.4	L	47770+68.8	154.8	L	35		
47770+68.8	154.8	L	47772+27.1	154.8	L	158		
47770+70.6	36.9	R	47770+70.6	76.8	R	40		
47770+70.6	76.8	R	47771+82.1	77.4	R	111		
47771+82.1	77.4	R	47772+26.5	76.8	R	44		
47772+06.7	29.8	L	47772+06.8	13.6	R			
47772+26.5	76.8	R	47772+26.6	37.1	R	40		
47772+26.6	37.1	R	47772+35.2	37.1	R	9		
47772+27.0	119.6	L	47772+34.2	119.6	L	7		
47772+27.1	154.8	L	47772+27.0	119.6	L	35		
47773+15.2	119.2	L	47773+64.4	119.2	L	49		
47773+18.2	37.1	R	47775+14.6	37.3	R	196		
47773+25.5	164.4	L	47773+49.5	164.4	L		1	8'x24' Gate Double
47773+25.5	124.4	L	47773+25.5	164.4	L			40
47773+47.1	29.9	L	47773+47.1	13.5	R			43
47773+49.5	164.4	L	47773+60.5	164.4	L			11
47773+60.5	164.4	L	47773+60.5	124.4	L			40
47773+60.5	124.4	L	47773+25.5	124.4	L			35
47773+64.4	119.2	L	47773+64.4	168.9	L	50		
47773+64.4	168.9	L	47773+77.6	168.9	L	13		
47773+77.6	168.9	L	47773+93.6	168.9	L		1	
47773+93.6	168.9	L	47774+06.8	168.9	L	13		
47774+06.7	119.2	L	47776+14.2	120.0	L	208		
47774+06.8	168.9	L	47774+06.7	119.2	L	50		
47775+14.6	37.3	R	47775+42.4	77.0	R	49		
47775+42.4	77.0	R	47775+90.7	77.1	R	48		
47775+90.7	77.1	R	47776+18.7	37.4	R	49		
47776+14.2	120.0	L	47777+01.3	120.0	L	87		
47776+18.7	37.4	R	47780+54.3	38.1	R	436		
47780+54.3	38.1	R	47782+92.8	37.9	R	239		
47782+92.8	37.9	R	47782+92.8	34.4	R	3		
47782+92.8	34.4	R	47785+65.7	35.0	R	273		
47785+65.7	35.0	R	47787+45.7	35.0	R	180		
47787+45.7	35.0	R	47794+63.3	34.4	R	718		
47794+63.3	34.4	R	47799+13.4	34.4	R	450		
47794+99.3	108.5	L	47796+39.4	107.0	L	140		
47794+99.7	140.9	L	47794+99.3	108.5	L	32		
47796+39.4	107.0	L	47798+50.5	104.5	L	211		
47798+50.5	104.5	L	47798+50.5	130.8	L	26		
47798+50.5	130.8	L	47799+33.5	133.7	L	83		
47798+95.3	167.9	L	47799+33.5	169.4	L			39
47798+96.1	143.9	L	47798+95.3	167.9	L			8'x24' Gate Double
47799+13.4	34.4	R	47799+29.5	34.4	R		1	
47799+27.0	104.4	L	47799+79.8	104.4	L	53		
47799+29.5	34.4	R	47799+32.0	34.4	R	3		
47799+33.5	169.4	L	47799+34.4	145.4	L			24
47799+34.4	145.4	L	47798+96.1	143.9	L			39
47799+32.0	34.4	R	47799+90.3	34.4	R	58		
47799+32.0	34.4	R	47799+34.8	103.6	R	69		
47799+33.5	133.7	L	47799+27.0	104.4	L	30		
47799+34.8	103.6	R	Exist			3	1	
47799+79.8	104.4	L	47799+92.0	96.4	L	15		
47799+87.4	29.0	L	47799+89.1	16.3	R			
47799+87.4	29.0	L	47799+92.4	29.1	L			
47799+90.3	34.4	R	47799+96.5	27.8	R	9		
47799+92.0	96.4	L	47799+95.4	96.5	L	3		
47799+96.5	27.8	R	47800+00.0	27.6	R	4		
47800+60.1	99.2	L	47800+79.1	104.4	L	20		
47800+66.5	42.0	R	Exist			26		
47800+68.6	32.3	L	47800+73.5	32.5	L			5
47800+73.5	32.5	L	47800+75.7	12.7	R			45
TOTAL				5326	5	5	1562	

MODEL: Sheet 6
 FILE NAME: p:\11\hanson\c-11\Documents\09\0901798\Usable_Segment_V3SheetD0901798-SC-LSJ\A001.dgn
 USER: bharson\pcw
 DATE: 2/10/2021
 SHEET: 4 OF 9 SHEETS
 SCALE: 1" = 200'



USER NAME = Pop00275
 PLOT SCALE = 2.00' / in.
 PLOT DATE = 2/10/2021

DESIGNED - DJP
 DRAWN - DJP
 CHECKED - MNM
 DATE - 1/18/2021

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 7985A & 8020	19-00488-00-BR 09L0179B	SANGAMON	347	53
ILLINOIS		CONTRACT NO. 93747		FED. AID PROJECT

						LIGHTING SCHEDULE																											
LOCATION						80400100	81100320	81028320	81200210	81300220	X3130350	81603010	81702450	82500360	X1400238	82110033			XX008952	81702110	X8300040	X8300045	83000300	83002450	83600200	83600300	83800650	COMMENTS					
REF. NO.	BEGIN STATION	OFFSET	REF. NO.	END STATION	OFFSET	EACH	FOOT	FOOT	FOOT	EACH	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	EACH					
Cook																																	
L01	17+00.0	1.9 R																															
L02	18+98.4	0.0 R																															
L03	19+23.6	81.6 R																															
	17+63.14	20.00 L																															
	17+63.14	20.00 R																															
	17+81.09	20.00 L																															
	17+81.09	20.00 R																															
	18+17.86	20.00 L																															
	18+17.86	20.00 R																															
	18+39.00	20.00 L																															
	18+39.00	20.00 R																															
	17+60.00	40.25 L																															
	17+60.00	40.25 R																															
	17+75.00	40.25 L																															
	17+75.00	40.25 R																															
	17+90.00	40.34 L																															
	17+90.00	40.23 R																															
	18+10.00	40.62 L																															
	18+10.00	39.80 R																															
	18+24.99	40.83 L																															
	18+24.98	39.46 R																															
	18+39.99	41.04 L																															
	18+39.98	39.13 R																															
	17+53.55	40.90 R																															
	17+53.55	40.70 L																															
	17+64.00	40.90 R																															
	17+81.61	40.90 R																															
	18+21.42	40.90 R																															
	18+26.64	53.07 R																															
	18+26.64	3.26 R																															
	18+37.61	40.90 R																															
	18+44.74	55.16 L																															
	18+48.05	39.31 R																															
	19+06.22	79.44 R				1																											
	18+96.15	81.23 R																															
	17+48.90	59.90 L																															
	18+51.20	55.00 L																															
	17+53.55	63.33 L																															
	17+53.55	63.33 R																															
	17+53.55	40.90 R																															
	17+62.99	40.98 R																															
	17+81.06	40.98 R																															
	18+10.54	0.00 R																															
	18+10.54	0.00 R																															
	18+21.07	40.98 R																															
	18+26.64	3.26 R																															
	18+37.47	39.69 R																															
	18+44.17	53.60 R																															
	18+44.74	55.16 L																															
	18+44.87	40.70 L																															
	18+44.87	40.70 L																															
	17+58.47	45.16 L																															
	18+10.54	0.00 R																															
	18+10.54	0.00 R																															
	18+26.64	53.07 R																															
	18+48.05	39.31 R																															
	18+96.15	81.23 R																															

CONTINUED ON NEXT SHEET

FINAL

MODEL: Sheet 7
FILE: hanson\c:\p\hanson\c-01\Documents\09\09109011798\Usable_Segment_V3\Sheet\09011798-SC-H-US-001.dgn



Copyright Hanson Professional Services Inc., 2021

USER NAME	= Pop00275
PLOT SCALE	= 2.00' / in.
PLOT DATE	= 1/18/2021

DESIGNED -	DJP	REVISED -	
DRAWN -	DJP	REVISED -	
CHECKED -	MNM	REVISED -	
DATE -	1/18/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	54
	09L0179B	CONTRACT NO.	93747	
# 7985A & 8021	ILLINOIS	FED. AID PROJECT		

LIGHTING SCHEDULE

LOCATION						80400100	81100320	81028320	81200210	81300220	X8130350	81603010	81702450	82500360	X1400238	82110033			XX008952	81702110	X8300040	X8300045	83000300	83002450	83600200	83600300	83800650	COMMENTS	
REF. NO.	BEGIN STATION	OFFSET	REF. NO.	END STATION	OFFSET	EACH	FOOT	FOOT	FOOT	EACH	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT	FOOT	EACH			
South Grand																													
L01	3+81.5	32.3 L																											
L02	4+10.9	36.8 R																											
L03	5+96.3	31.8 L																											
L04	5+96.3	35.0 R																											
L05	6+08.0	101.3 L																											
	4+55.21	10.00 L																											
	4+55.21	10.00 R																											
	4+73.27	10.00 L																											
	4+73.27	10.00 R																											
	5+09.94	10.00 L																											
	5+09.94	10.00 R																											
	5+29.19	10.00 L																											
	5+29.19	10.00 R																											
	4+51.21	32.65 L																											
	4+51.21	30.79 R																											
	4+68.99	32.65 L																											
	4+68.99	30.79 R																											
	4+83.52	32.65 L																											
	4+83.52	30.79 R																											
	5+00.00	32.65 L																											
	5+00.00	30.79 R																											
	5+18.18	32.65 L																											
	5+18.18	30.79 R																											
	5+32.02	32.65 L																											
	5+32.02	30.79 R																											
	4+45.70	33.20 L																											
	4+56.80	32.80 L																											
	4+74.10	32.50 L																											
	4+87.55	41.78 L																											
	5+11.90	33.10 L																											
	5+26.20	33.10 L																											
	5+26.60	30.80 R																											
	5+36.08	41.83 L																											
	6+25.63	107.27 L																											
	6+24.50	100.49 L																											
	4+41.80	37.40 L																											
	5+40.30	34.80 L																											
	4+56.60	32.80 L																											
	4+74.10	32.50 L																											
	5+11.90	33.10 L																											
	5+26.60	30.80 R																											
	3+81.45	32.29 L																											
	4+10.89	36.75 R																											
	5+87.12	31.33 R																											
	6+24.50	100.49 L																											
	4+10.00	30.79 R																											
	4+27.96	32.79 L																											
	4+39.72	37.82 L																											
	4+43.37	41.78 L																											
	4+45.70	33.20 L																											
	4+48.90	30.90 R																											
	5+32.02	26.81 L																											
	5+35.20	30.90 R																											
	5+38.54	41.83 L																											
	6+24.50	100.49 L																											
	6+24.50	100.49 L																											
TOTAL						2	933	723	324	10	8	140	2395	2	10	16	12	12	344	1005	2	3	1	2	30	12	16		

FINAL



USER NAME = Pop00275
 DESIGNED - DJP
 DRAWN - DJP
 CHECKED - MNM
 DATE - 1/18/2021

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	55
	09L0179B			CONTRACT NO. 93747
* 7985A & 8022	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE															
				INLETS		MANHOLES				C. B.		END SECTIONS		TSRS	
				60236200	60219000	60218400	60221700	X6020084	X6020101	60200205	54213657	54213663	52200020		
LOCATION: SEE DETAIL FOR REFERENCE STATION AND OFFSET LOCATION				CONSTRUCTION STAGE	TYPE A, TYPE 8 GRATE	TYPE A, 4'-DIA, TYPE 8 GRATE	TYPE A, 4'-DIA, TYPE 1 FRAME, CLOSED LID	TYPE A, 5'-DIA, TYPE 8 GRATE	MANHOLE, SPECIAL	TYPE A, 9'-DIA, TYPE 1 FRAME, CLOSED LID (SPECIAL)	CATCH BASIN TYPE A, 4'- DIA, TYPE 1 FRAME, CLOSED LID	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	TEMPORARY SOIL RETENTION SYSTEM	COMMENTS
NO.	STATION	OFFSET	FRAME ELEV		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	SQ FT		
UPRR MAIN 1															
R311	47760+70.00	38.00 L	599.20	1	1										
R312	47764+70.00	38.00 L	599.30	1		1									
R313	47764+70.00	105.00 L	596.38	1								1			
R314	47764+08.00	30.00 R	597.00	2		1									
R315	47768+14.00	126.00 L	597.00	1					1				600	Sanitary Manhole	
R316	47768+00.00	110.00 L	598.50	1		1									
R317	47768+00.00	30.00 R	599.50	1		1								Half Trap at R317	
R318	47768+14.00	55.00 R	597.00	1					1				705	Sanitary Manhole	
R319	47768+65.00	38.00 L	600.27	1		1								See Special Provision	
R320	47768+55.00	110.00 L	595.30	1						1					
R321	47772+00.00	38.00 L	601.27	1	1										
R322	47773+50.00	31.00 R	597.50	2	1										
R323	47773+60.00	38.00 L	601.50	1	1										
R324	47775+90.00	31.00 R	601.41	2			1								
R325	47775+90.00	38.00 L	601.90	1		1									
R326	47775+90.00	138.00 L	595.00	1			1							Perforated Manhole, See Details. Half Trap at Outlet	
R327	47776+82.52	167.15 L	596.00	1				1					1170	Sanitary Manhole	
R328	47778+40.00	31.00 R	598.70	2		1									
R329	47778+40.00	38.00 L	602.29	1		1									
R330	47778+40.00	137.00 L	590.00	1									1		
R331	47780+90.00	38.00 L	602.56	1		1									
R332	47780+90.00	135.00 L	591.00	1									1		
R334	47783+40.00	31.00 R	599.00	2		1									
R335	47783+40.00	38.00 L	602.80	1		1									
R336	47783+40.00	144.00 L	593.00	1									1		
R337	47774+84.85	167.15 L	597.00	1											
R338	47774+47.27	81.62 R	591.18	1				1					765		
R339	47804+05.00	31.00 R	602.15	2									905	Sanitary Manhole	
R340	47788+40.00	31.00 R	600.00	2		1									
R341	47788+40.00	38.00 L	603.36	1		1									
R342	47788+40.00	136.00 L	595.50	1									1		
R343	47808+00.00	31.00 R	602.50	2									1		
R344	47767+90.00	110.00 L	595.30	1						1					
R346	47794+00.00	31.00 R	601.00	2		1									
R347	47794+00.00	38.00 L	604.00	1		1									
R348	47794+00.00	131.00 L	595.50	1									1		
R349	47799+87.00	35.00 L	604.50	1	1										
R350	47768+65.00	109.00 L	595.30	1									1		
R351	47764+08.00	107.00 L	596.45	1						1					
R352	47764+36.00	107.00 L	596.38	1						1					
R353	47772+31.00	113.00 L	594.20	1	1										
R354	47773+31.00	110.00 L	594.30	1	1										
R355	47776+83.60	154.00 L	595.00	1					1					Half Trap at R355	
R356	47780+90.00	31.00 R	600.00	2		1									
R357	47786+00.00	31.00 R	600.00	2		1									
R358	47786+00.00	38.00 L	603.10	1		1									
R359	47786+00.00	136.00 L	595.50	1									1		
R360	47791+20.00	31.00 R	601.00	2		1									
R361	47791+20.00	38.00 L	603.60	1		1									
R362	47791+20.00	136.00 L	595.50	1									1		
R363	47797+00.00	31.00 R	601.50	2		1									
R364	47797+00.00	38.00 L	604.30	1		1									
R365	47797+00.00	121.00 L	595.50	1									1		
R366	47797+96.00	120.00 L	595.00	1									1		
R367	47798+60.00	114.00 L	602.50	1			1								
R368	47766+00.00	30.00 R	597.40	2		1									
R369	47762+50.00	30.00 R	597.20	2	1										
R370	47766+50.00	38.00 L	599.77	1		1									
R371	47766+50.00	107.00 L	595.50	1									1		
R372	47771+00.00	38.00 L	600.81	1		1									
R373	47771+00.00	113.00 L	596.00	1									1		
TOTAL					8	25	1	2	2	3	1	4	15	4145	
* Set frame at final pavement elevation															

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FINAL



USER NAME = Pop00275
 PLOT SCALE = 2.00' / in.
 PLOT DATE = 1/18/2021

DESIGNED - JFC
 DRAWN - DJP
 CHECKED - RDN
 DATE - 1/18/2021

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	56
	09L0179B	CONTRACT NO. 93747		
# 7985A & 8023	ILLINOIS	FED. AID PROJECT		

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 FINAL

PIPE SCHEDULE																					
FROM STRUCTURE		TO STRUCTURE		CONSTRUCTION STAGE	550A0050	550A0070	550A0090	55201600	55201700	60108212	60108500	X1200107	60100915	X6012108	56100800	Z0057956	Z0057962	XX009316	XX009426	20800150	COMMENTS
NUMBER	INV ELEV	NUMBER	INV ELEV		STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 1 15"	STORM SEWERS, CLASS A, TYPE 1 18"	SEWERS JACKED IN PLACE, 48"	SEWERS JACKED IN PLACE, 54"	PIPE UNDERDRAINS TYPE 2, 12"	PIPE UNDERDRAINS 12" (SPECIAL)	PIPE UNDERDRAINS 6" (MODIFIED)	PIPE DRAINS 6"	PIPE DRAINS 18" (SPECIAL)	WATER MAIN, 10"	SANITARY SEWER 48"	SANITARY SEWER 54"	SEWER IN METAL LINER 48"	SEWER IN METAL LINER 54"	TRENCH BACKFILL	
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD	
R311	597.00	R312	596.50	1						396											
R312	596.50	R313	596.38	1										60							
R314	595.00	R368	594.50	2		190															
R315	583.38	R318	582.65	1					85								16		80	330.0	
R316	590.50	R315	591.70	1	17																Half Trap @ R316; Drop Connection at R315
R317	592.50	R318	593.00	2		24															Half Trap @ R317; Drop Connection at R318
R318	582.65	New Elbow	Exist	1													30				
R319	598.10	R370	597.23	1							212										
R319	596.00	R350	595.30	1										64							
R320	595.30	R316	593.00	1	47																
R321	598.93	R372	598.68	1						98											
R322	595.80	R324	595.37	2						238											
R323	599.18	R325	598.66	1						228											
R324	592.77	R325	592.05	1,2										68							See Note A
R325	592.05	R326	586.50	1										99							
R326	586.00	R355	585.50	1			93														
R327	581.96	R337	581.50	1												192					
R328	596.02	R324	595.37	2						247											
R328	592.44	R329	591.72	1,2										68							See Note A
R329	600.10	R325	598.66	1						247											
R329	591.72	R330	590.00	1										92							
R331	600.46	R329	599.50	1						247											
R331	591.80	R332	591.00	1										90							
R334	594.19	R335	593.47	1,2										68							See Note A
R334	597.32	R356	596.67	2						247											
R335	600.60	R331	599.60	1						247											
R335	593.47	R336	593.00	1										100							
R337	581.40	R338	580.78	1			112									88		60		413.5	
R339	602.15	R225	602.09	2										38							Connect to Existing R225
R340	596.90	R341	596.20	1,2										68							See Note A
R340	598.55	R357	598.00	2						237											
R341	601.16	R358	600.60	1						237											
R341	596.20	R342	595.50	1										92							
R343	602.50	R226	602.00	2										40							
R344	595.30	R316	593.50	1	3																
R346	596.90	R347	596.20	1,2										68							See Note A
R346	598.84	R360	598.20	2						277											
R347	602.00	R361	600.93	1						277											
R347	596.20	R348	595.50	2										87							
R349	602.53	R364	600.43	1						284											
R351	596.45	R352	596.38	1	16																
R353	592.90	Exist	592.60	1																	
R354	592.80	Cook St Pump Station	592.00	1									75								
R355	583.65	R327	585.40	1			8						18								Half Trap at R355
R356	596.67	R328	596.02	2						247											
R356	592.60	R331	591.80	1,2										68							See Note A
R357	598.00	R334	597.32	2						257											
R357	596.90	R358	596.20	1,2										68							See Note A
R358	600.60	R335	600.00	1						257											
R358	596.20	R359	595.50	1										92							
R360	599.20	R340	598.55	2						277											
R360	596.90	R361	596.20	1,2										68							See Note A
R361	600.93	R341	600.48	1						277											
R361	596.20	R362	595.50	1										92							
R363	596.90	R364	596.20	1,2										68							See Note A
R363	599.50	R346	598.84	2						297											
R364	602.43	R347	602.00	1						297											
R364	596.20	R365	595.50	1										76							
R366	595.00	R367	594.80	1			58														
R367	594.80	S106	594.35	1,2			172														See Note A
R368	594.50	R317	594.00	2			200														
R369	595.37	R314	595.00	2			156														
R370	595.70	R371	595.50	1										63							
R370	597.23	R312	596.50	1						177											
R372	596.20	R373	596.00	1										69							
R372	598.68	R319	598.10	1						233											
S106	600.00	R363	599.53	2						235											

CONTINUED ON NEXT SHEET

USER NAME = Pop00275	DESIGNED - JFC	REVISED -
PLOT SCALE = 2.00' / in.	CHECKED - RDN	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SCHEDULE OF QUANTITIES - TRACK - 8

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	57
	09L0179B	CONTRACT NO.	93747	
* 7985A & 8024	ILLINOIS	FED. AID PROJECT		

SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

FROM STRUCTURE		TO STRUCTURE		CONSTRUCTION STAGE	550A0050	550A0070	550A0090	55201600	55201700	60108212	60108500	X1200107	60100915	X6012108	56100800	Z0057956	Z0057962	XX009316	XX009426	20800150	COMMENTS	
NUMBER	INV ELEV	NUMBER	INV ELEV		STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 1 15"	STORM SEWERS, CLASS A, TYPE 1 18"	SEWERS JACKED IN PLACE, 48"	SEWERS JACKED IN PLACE, 54"	PIPE UNDERDRAINS TYPE 2, 12"	PIPE UNDERDRAINS 12" (SPECIAL)	PIPE UNDERDRAINS 6" (MODIFIED)	PIPE DRAINS 6"	PIPE DRAINS 18" (SPECIAL)	WATER MAIN, 10"	SANITARY SEWER 48"	SANITARY SEWER 54"	SEWER IN METAL LINER 48"	SEWER IN METAL LINER 54"	TRENCH BACKFILL		
					FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD	
Cook St Pump Station	591.29	R326	586.50	1											241							
So. Grand Pump Station	596.89	R367	596.50	1											55							
New Elbow	Exist	R315	583.38	1													30					
47762+50.00	597.50	R312	596.90	1							234											
47766+50.00	597.50	R319	597.00	1							230											
47772+00.00	598.50	R319	597.50	1							350											
47773+60.00	598.50	R325	597.00	1							242											
47778+40.00	597.50	R325	597.00	1							264											
47780+90.00	597.00	R329	596.50	1							264											
47783+40.00	597.50	R331	597.00	1							264											
47788+40.00	599.00	R335	597.50	1							514											
47794+00.00	600.50	R341	599.00	1							574											
47799+75.00	602.50	R347	600.50	1							590											
TOTAL					83	570	331	112	85	6061	212	3526	93	1766	296	280	76	60	80	743		

Note A: Install portion of pipe east of Stage Construction Line in Stage 1, cover pipe end, install remainder in Stage 2

MODEL Sheet 11
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FINAL



USER NAME = Pop00275	DESIGNED - JFC	REVISED -
	DRAWN - DJP	REVISED -
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PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

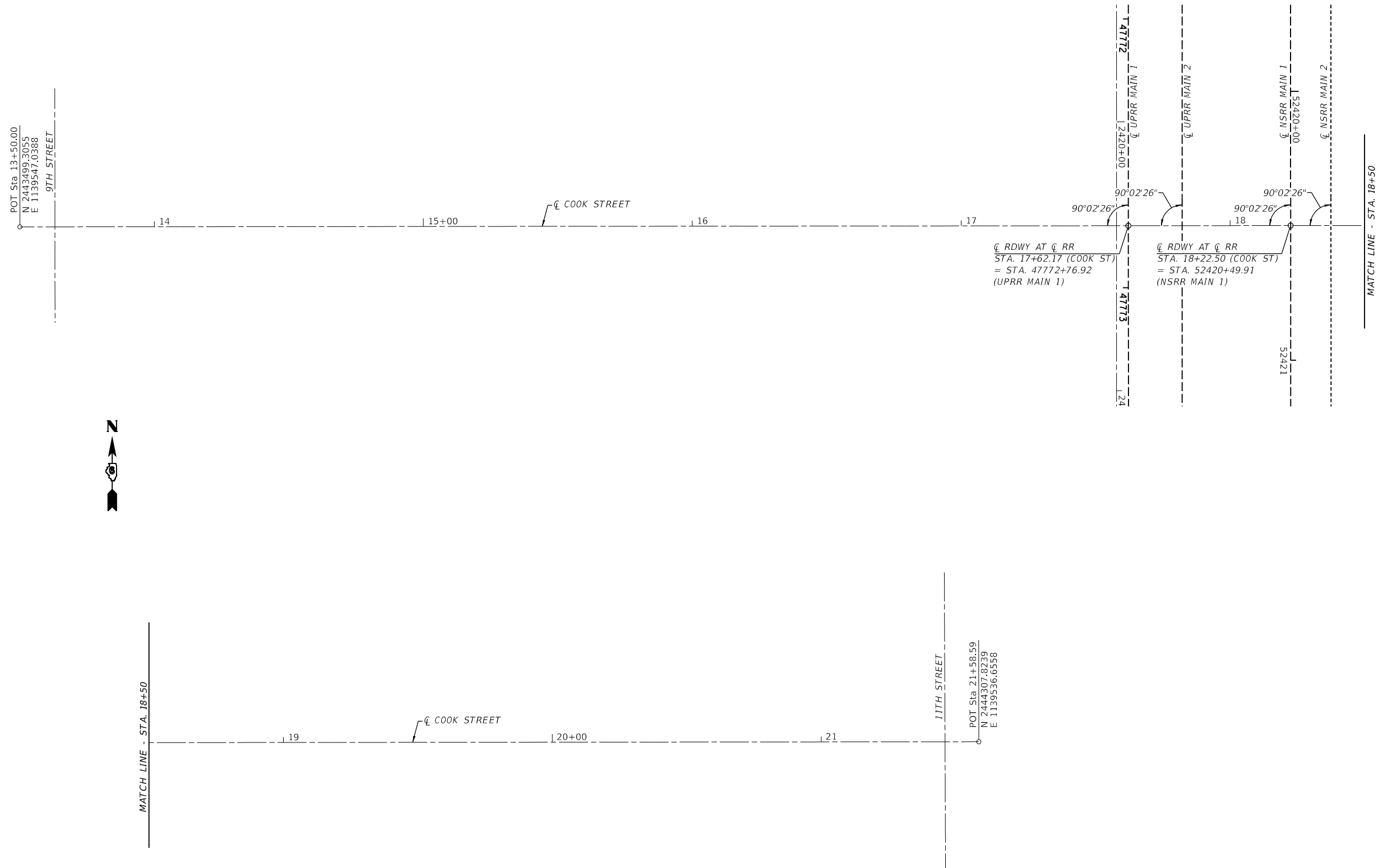
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 SCHEDULE OF QUANTITIES - TRACK - 9**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	58
	09L0179B		CONTRACT NO. 93747	
* 7985A & 8025	ILLINOIS	FED. AID PROJECT		

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PLAN - COOK STREET



FINAL



USER NAME = Pop00275	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 40,0000 ' / In.	CHECKED -	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 ALIGNMENT - COOK STREET

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	59
	09L0179B	CONTRACT NO.	93747	
* 7985A & 8026	ILLINOIS	FED. AID PROJECT		

FINAL

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DRAWN: J. Kimm
DATE: 1/18/2021



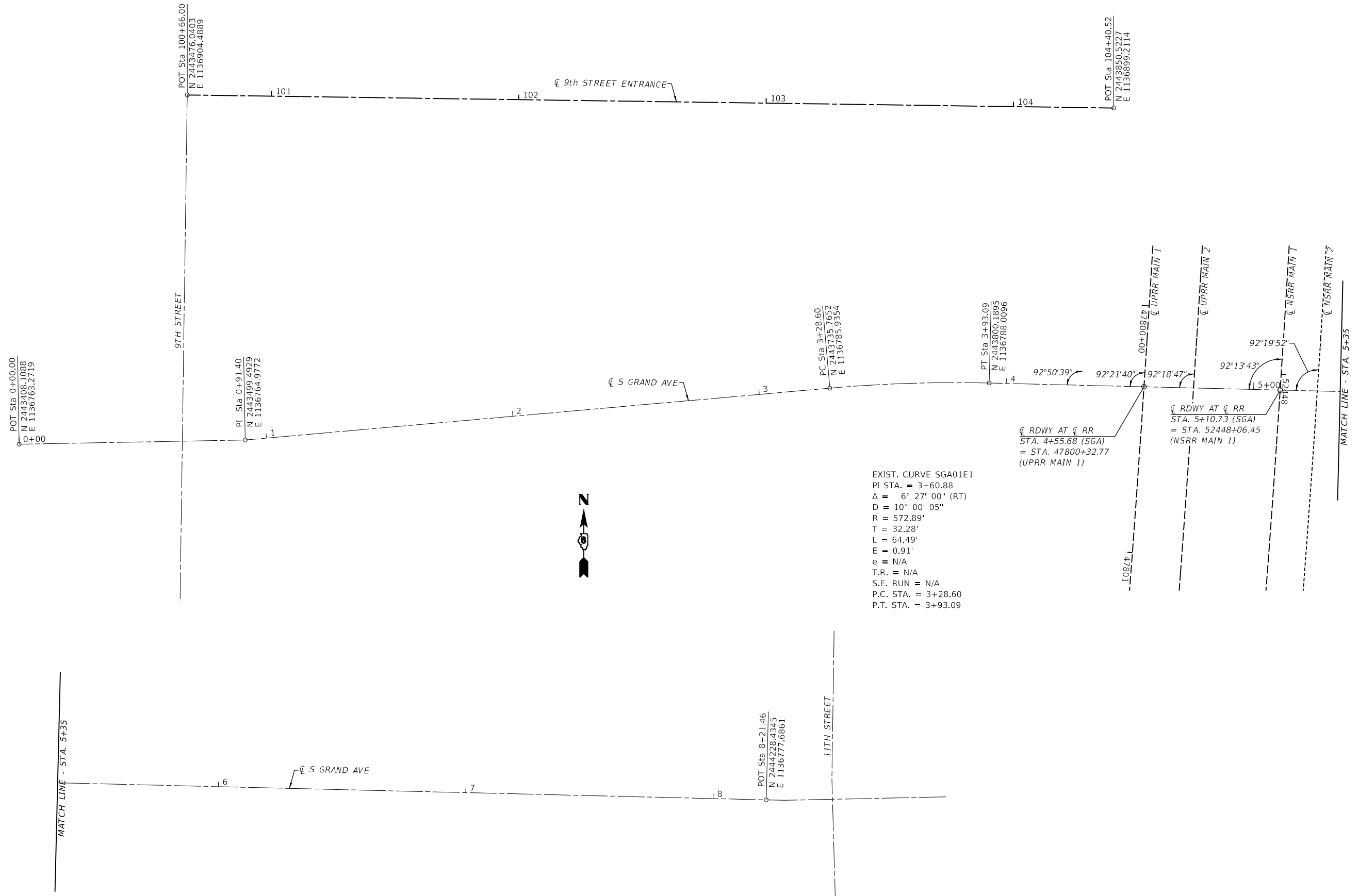
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

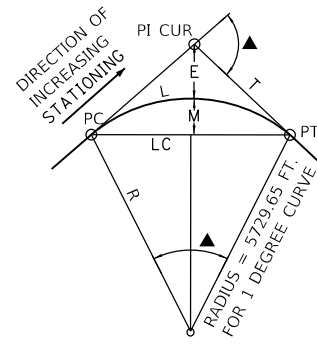
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ALIGNMENT - SOUTH GRAND AVE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	60
	09L0179B		CONTRACT NO. 93747	
# 7985A & 8027	ILLINOIS	FED. AID PROJECT		

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



PLAN - SOUTH GRAND AVENUE
SCALE: 1" = 20'



CIRCULAR CURVE USING CHORD DEFINITION

- R = RADIUS = 50/SIN (D/2)
- L = LENGTH (CHORDED) = 100*Δ/D_c
- L = LENGTH = πR*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.

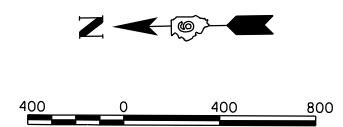
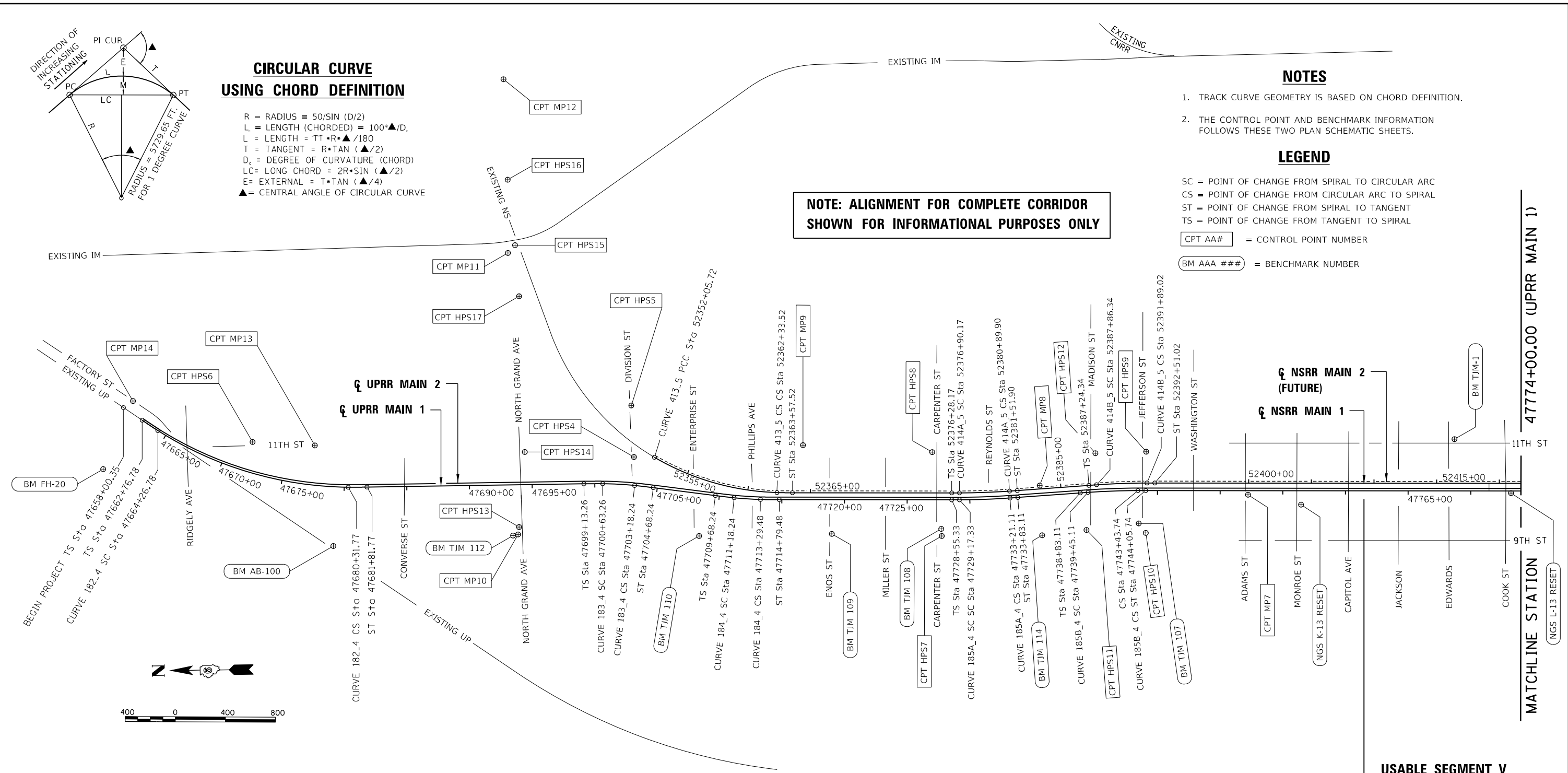
LEGEND

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

CPT AA# = CONTROL POINT NUMBER

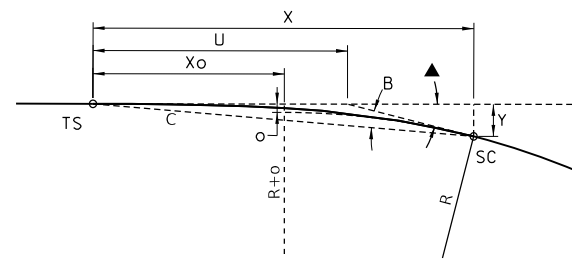
BM AAA ### = BENCHMARK NUMBER

NOTE: ALIGNMENT FOR COMPLETE CORRIDOR SHOWN FOR INFORMATIONAL PURPOSES ONLY



CIRCULAR CURVE WITH SPIRAL TRANSITION

- d = ks = kl/100; D = kS = kL/300
- δ = 1/2 ks^2 = dl/200; Δ = 1/2 kS^2 = DL/200
- a = 1/2 δ = 1/4 ks^2; A = 1/2 * Δ = 1/4 * kS^2
- b = 1/2 δ; B = 1/2 * Δ
- Y = 0.58268s - 0.00001264*s^3
- X = l - 0.003048*s^2
- o = 0.1454 *S* Δ
- Xo = 1/2 *L - 0.000508 S* Δ
- TS = (R + o) TAN (l/2) + Xo
- Es = (R + o) 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
- a = DEFLECTION ANGLE FROM THE TANGENT AT THE TS OR ST TO ANY POINT ON THE SPIRAL
- b = 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

USABLE SEGMENT V PROJECT BOUNDARY

MATCHLINE STATION 47774+00.00 (UPRR MAIN 1)

FINAL

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PLOT DATE = 1/18/2021	CHECKED - GCN/JWM	REVISED -
	DATE - 1/18/2021	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.
*	19-00488-00-BR	SANGAMON	347	61
	09L0179B	CONTRACT NO.	93747	
# 7985A & 802B	ILLINOIS	FED. AID PROJECT		

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

NOTES

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

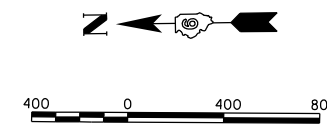
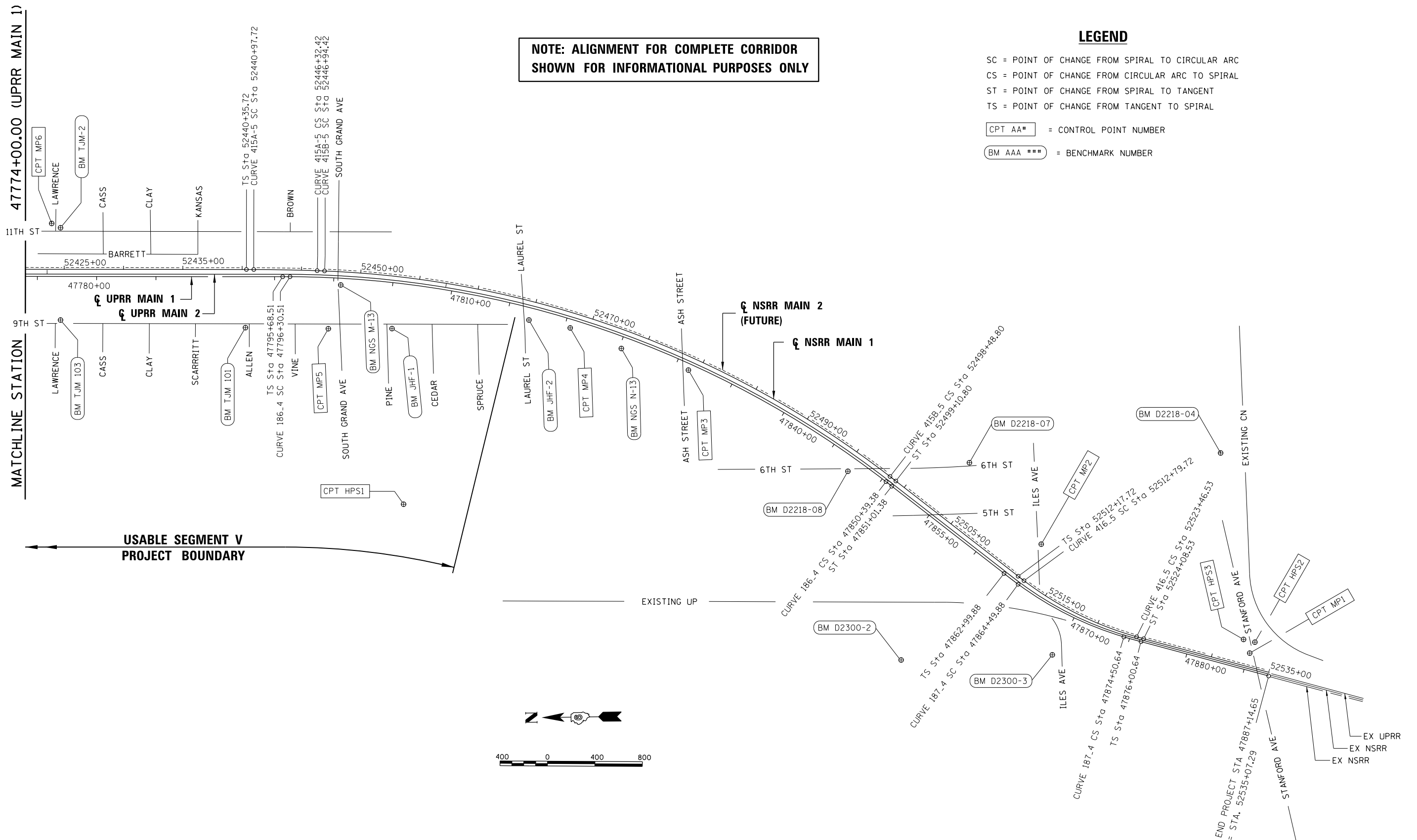
LEGEND

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



FINAL

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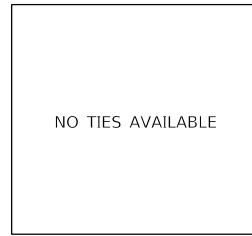
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PLOT SCALE = 800.00' / in.	DRAWN - CLG	REVISED -
PLOT DATE = 1/18/2021	CHECKED - GCN/JWM	REVISED -
	DATE - 1/18/2021	REVISED -

**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.

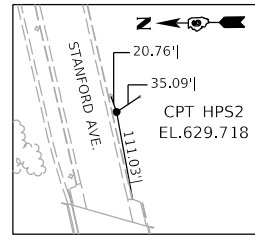
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	62
	09L0179B		CONTRACT NO.	93747
# 7985A & 8029	ILLINOIS	FED. AID PROJECT		



CONTROL POINT HPS1

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

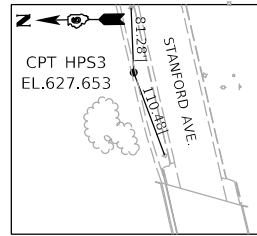
N 1,136,254.9375
E 2,441,949.7000
ELEV. 603.515



CONTROL POINT #HPS2

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

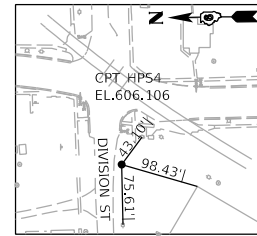
N 1,129,093.2707
E 2,440,696.1637
ELEV. 629.718



CONTROL POINT #HPS3

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

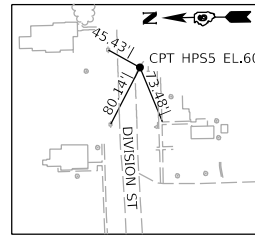
N 1,129,188.7267
E 2,440,720.4267
ELEV. 627.653



CONTROL POINT #HPS4

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

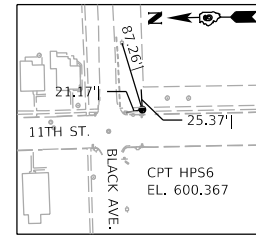
N 1,146,493.2417
E 2,444,269.0733
ELEV. 606.106



CONTROL POINT #HPS5

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

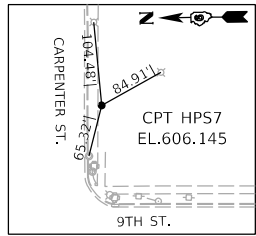
N 1,146,508.4440
E 2,444,679.8280
ELEV. 606.463



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.

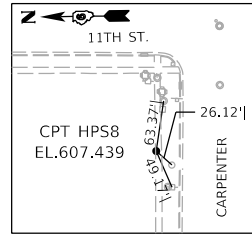
N 1,149,534.0340
E 2,444,426.2573
ELEV. 600.367



CONTROL POINT #HPS7

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

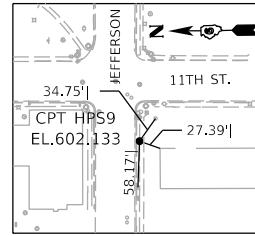
N 1,144,047.8910
E 2,443,664.6555
ELEV. 606.145



CONTROL POINT #HPS8

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

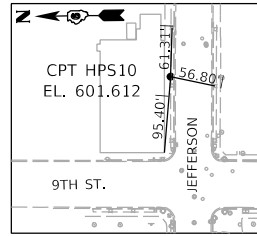
N 1,144,112.1030
E 2,444,277.9075
ELEV. 607.439



CONTROL POINT #HPS9

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

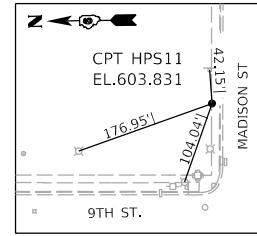
N 1,142,404.4865
E 2,444,260.2030
ELEV. 602.133



CONTROL POINT #HPS10

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

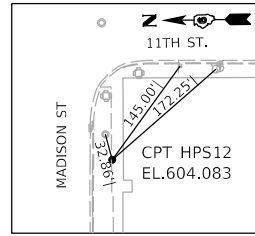
N 1,142,471.4950
E 2,443,688.3390
ELEV. 601.612



CONTROL POINT #HPS11

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

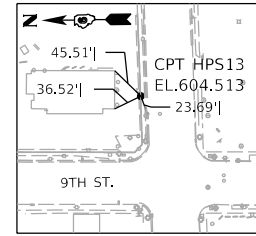
N 1,142,889.3595
E 2,443,641.9680
ELEV. 603.831



CONTROL POINT #HPS12

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

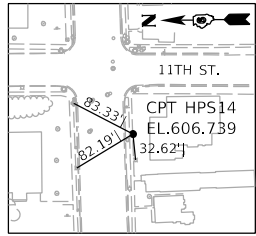
N 1,142,810.7985
E 2,444,253.5245
ELEV. 604.083



CONTROL POINT #HPS13

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

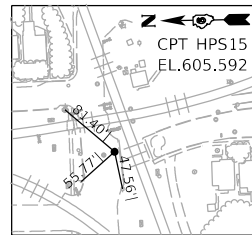
N 1,147,427.3920
E 2,443,728.0820
ELEV. 604.513



CONTROL POINT #HPS14

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

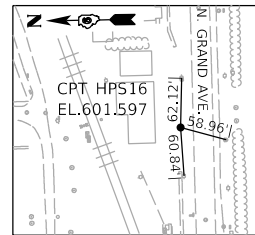
N 1,147,363.6315
E 2,444,319.5005
ELEV. 606.739



CONTROL POINT #HPS15

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

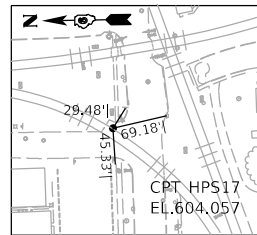
N 1,147,420.4275
E 2,445,970.8030
ELEV. 605.592



CONTROL POINT #HPS16

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

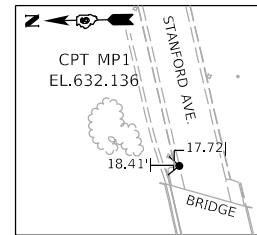
N 1,147,472.6290
E 2,446,493.1190
ELEV. 601.597



CONTROL POINT #HPS17

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

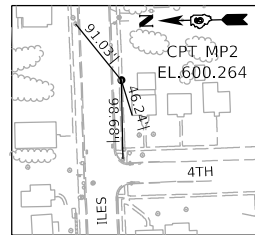
N 1,147,393.5195
E 2,445,562.4820
ELEV. 604.057



CONTROL POINT #MP1

SET NAIL IN NORTH SIDE OF SIDEWALK APPROX. 100' WEST OF BRIDGE OVER RAILROAD

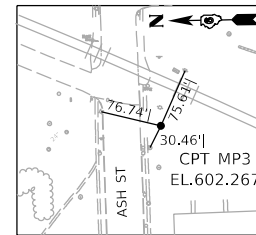
N 1,129,138.4333
E 2,440,604.2887
ELEV. 632.136



CONTROL POINT #MP2

SET NAIL IN NORTH EDGE OF SIDEWALK APPROX. 50' WEST OF SW QUADRANT OF 4TH STREET AND MADISON STREET

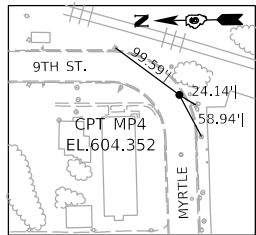
N 1,130,883.7397
E 2,441,544.8010
ELEV. 600.264



CONTROL POINT #MP3

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

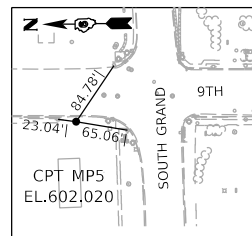
N 1,133,839.4933
E 2,443,050.6063
ELEV. 602.267



CONTROL POINT #MP4

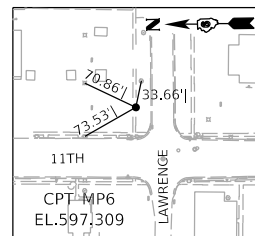
SET NAIL IN SOUTH EDGE OF SIDEWALK APPROX. 50' WEST OF SW QUAD OF 11TH STREET AND NORTH GRAND AVENUE

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



CONTROL POINT #MP5

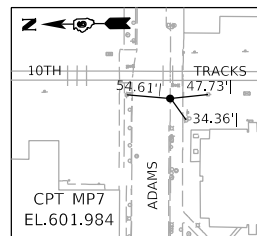
N 1,136,871.4293
E 2,443,436.5803
ELEV. 602.020



CONTROL POINT MP6

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

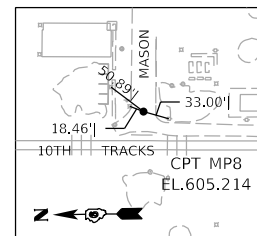
N 1,139,192.0730
E 2,444,353.7153
ELEV. 597.309



CONTROL POINT #MP7

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

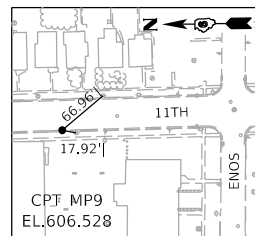
N 1,141,597.3217
E 2,443,906.9077
ELEV. 601.984



CONTROL POINT #MP8

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

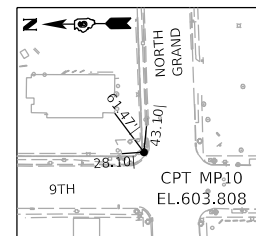
N 1,143,258.4373
E 2,444,000.7783
ELEV. 605.214



CONTROL POINT #MP9

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

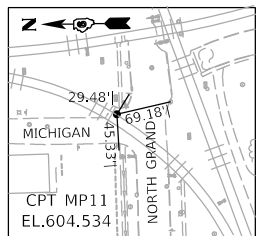
N 1,145,143.1010
E 2,444,346.2403
ELEV. 606.528



CONTROL POINT #MP10

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

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



CONTROL POINT #MP11

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

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

NOTES:

CONTROL POINT CROSS TIES ARE APPROXIMATE

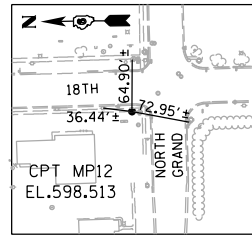
REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM WEST ZONE DATUM OF NAD 83 (2011)
ORTHO HEIGHT: NAVD88 (GEOID 12A)

NOTE: BOLD TITLES INDICATE POINTS WITHIN USABLE SEGMENT V LIMITS



USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLOT SCALE = 1200.00' / in.	DRAWN - CLG	REVISED -
PLOT DATE = 1/18/2021	CHECKED - GCN/JWM	REVISED -
	DATE - 1/18/2021	REVISED -

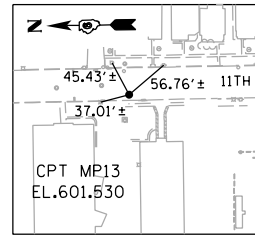
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	63
	09L0179B	SANGAMON		CONTRACT NO. 93747
* 7985A & 8030	ILLINOIS	FED. AID PROJECT		



CONTROL POINT #MP12

SEE TIE ABOVE

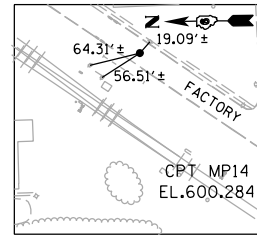
N 1,147,495.9547
E 2,447,295.4817
ELEV. 598.513



CONTROL POINT #MP13

SEE TIE ABOVE

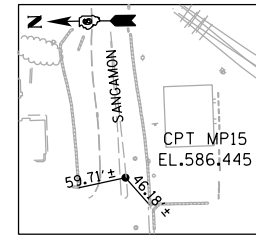
N 1,149,038.9733
E 2,444,390.1813
ELEV. 601.530



CONTROL POINT #MP14

SEE TIE ABOVE

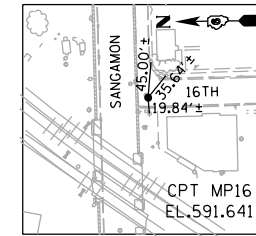
N 1,150,484.6283
E 2,444,765.1777
ELEV. 600.284



CONTROL POINT #MP15

SEE TIE ABOVE

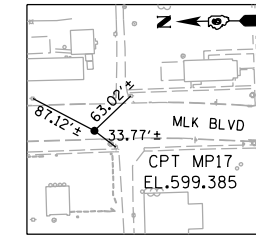
N 1,152,762.7927
E 2,445,944.0463
ELEV. 586.445



CONTROL POINT #MP16

SEE TIE ABOVE

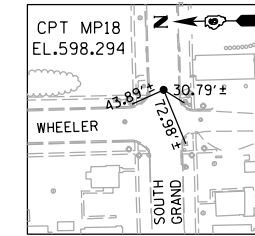
N 1,152,745.9277
E 2,446,352.2323
ELEV. 591.641



CONTROL POINT #MP17

SEE TIE ABOVE

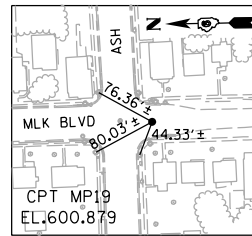
N 1,137,071.1653
E 2,447,107.1640
ELEV. 599.385



CONTROL POINT #MP18

SEE TIE ABOVE

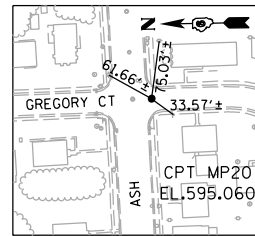
N 1,136,862.1420
E 2,448,862.5450
ELEV. 598.294



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 V 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 PLACE

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

BENCHMARK D2300-2

ELEV. 603.234

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

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

BENCHMARK D2300-3

ELEV. 604.498

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

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

BENCHMARK JHF-1

ELEV. 607.422

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

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

BENCHMARK JHF-2

ELEV. 605.788

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

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

BENCHMARK TJM 101

ELEV. 600.186

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

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

BENCHMARK TJM 103

ELEV. 597.757

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

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

BENCHMARK TJM 107

ELEV. 603.007

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

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

BENCHMARK TJM 108

ELEV. 607.145

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

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

BENCHMARK TJM 109

ELEV. 606.418

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

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

BENCHMARK TJM 110

ELEV. 606.239

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

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

BENCHMARK TJM 112

ELEV. 604.856

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

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

BENCHMARK TJM 114

ELEV. 605.652

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

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

BENCHMARK TJM-1

ELEV. 598.122

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

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

BENCHMARK TJM-2

ELEV. 597.536

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

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

BENCHMARK TJM-3

ELEV. 599.939

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

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

BENCHMARK FH-20

ELEV. 596.758

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

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

BENCHMARK FH-21

ELEV. 590.711

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

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

BENCHMARK FH-8

ELEV. 590.143

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

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

BENCHMARK FH-9

ELEV. 591.932

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

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

BENCHMARK NGS K-13 RESET

ELEV. 598.961

BRASS DISK ON STATE JOURNAL REGISTER PROPERTY - MONROE STREET

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

BENCHMARK NGS L-13 RESET

ELEV. 599.392

BRASS DISK ON SW CORNER RR BRIDGE ABUTMENT COOK STREET UNDERPASS

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

BENCHMARK NGS M-13

ELEV. 598.414

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

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

BENCHMARK NGS N-13

ELEV. 601.40

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

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



USER NAME = Pop00275
PLOT SCALE = 1200.00' / in.
PLOT DATE = 1/18/2021

DESIGNED - GCN	REVISED -
DRAWN - CLG	REVISED -
CHECKED - GCN/JWM	REVISED -
DATE - 1/18/2021	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.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	64
	09L0179B	CONTRACT NO.	93747	
* 7985A & 8031	ILLINOIS	FED. AID PROJECT		

MODEL SHEET 1-For US ONLY
FILE NAME: p:\projects\mcp\w\identifiers\com\hanson\pw-01\Documents\09\09010179B\Usable_Segment_III - V - VNCAD\Rail\Usable_Segment_VI - IDOT\Sheet\09010179B-TrackGeometry-Tables.dgn



USER NAME = Pop00275
DESIGNED - GCN
DRAWN - CLG
PLOT SCALE = 0.17' / In.
PLOT DATE = 1/18/2021

DESIGNED - GCN
CHECKED - GCN/JWM
DATE - 1/18/2021

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.

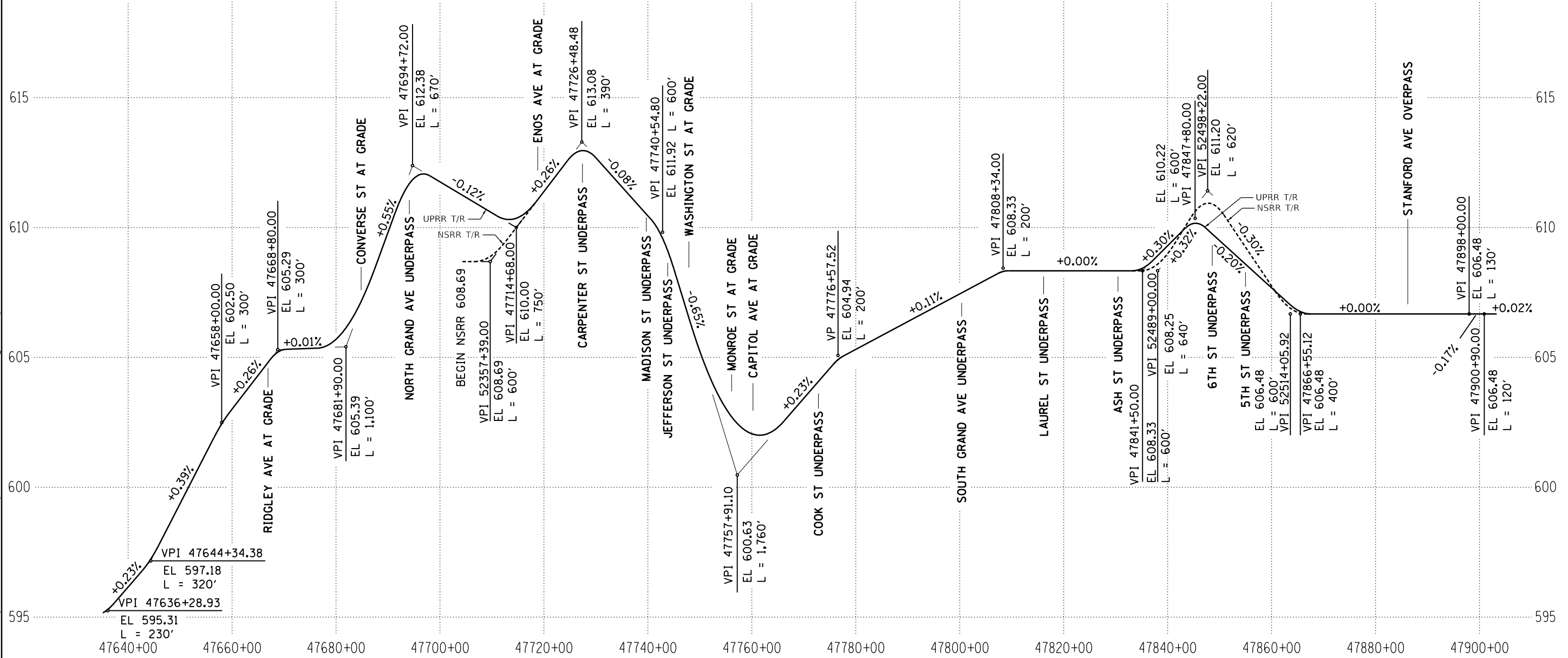
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	65
09L0179B		CONTRACT NO. 93747		
* 7985A & 8032		ILLINOIS FED. AID PROJECT		

UPRR MAIN 1 ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
CURVE 182_4	TOTAL DELTA = 4°42'21.40" LT DELTA = 4°07'42.71" LT DEGREE (chord) = 3°30'00.00" R = 1,637.28' L = 117.95' T = 59.01' Ls-in = 33.0', Se=0.75" - DS = 20 MPH	Existing TS Existing SC Existing PI CUR Existing POC	47631+35.35 47631+68.35 47632+27.36 47632+86.31	 33.00' 117.96'	S 41°37'07.02" W S 41°02'28.35" W S 36°54'45.634" W	1,152,988.6356 1,152,963.8920 1,152,919.3817 1,152,872.1971	2,446,410.6976 2,446,388.8632 2,446,350.1146 2,446,314.6712
BEGIN	BEGIN	BEGIN, POC	47632+86.31	0.00'	S 36°54'45.634" W	1,152,872.1971	2,446,314.6712
CURVE 182A_4	TOTAL DELTA = 2°17'15.80" LT DELTA = 1°12'55.14" LT DEGREE (chord) = 1°30'00" R = 3,819.83' L = 81.02' T = 40.51' Ls-in = 33.0', Se=0.75" - DS = 20 MPH Ls-out = 33.0', Se=0.75" - DS = 20 MPH	CS SC PI SCSS PI CUR CS ST	47632+86.31 47633+19.31 47672+63.11 47633+59.82 47634+00.33 47634+33.33	 33.00' 81.02' 33.00'	S 36°54'45.634" W S 36°05'15.98" W S 34°52'20.84" W S 34°37'29.87" W	1,152,872.1971 1,152,845.6513 1,149,601.0577 1,152,812.9120 1,152,779.6738 1,152,752.5455	2,446,314.6712 2,446,295.0675 2,444,053.1581 2,446,271.2043 2,446,248.0408 2,446,229.2510
DIAMOND	RAIL CROSSING 17°04'46.20" - IMRR	DIAMOND	47638+22.28	388.95'	S 34°52'20.84" W	1,152,432.4846	2,446,008.2499
PS	PS #11. LHXT	PS	47642+43.34	421.06'	S 34°37'29.87" W	1,152,085.9923	2,445,768.9980
PS	PS #20. RHXO	PS	47650+56.90	813.56'	S 34°37'29.87" W	1,151,416.5267	2,445,306.7340
PS	PS #20. LHXO	PS	47652+16.90	160.00'	S 34°37'29.87" W	1,151,284.8644	2,445,215.8216
CURVE 183A_4	TOTAL DELTA = 34°46'25.25" LT DELTA = 31°47'40.66" LT DEGREE (chord) = 1°59'10" R = 2,884.93' L = 1,600.83' T = 821.65' Ls-in = 150.0', Se=2.5" - DS = 50 MPH Ls-out = 150.0', Se=2.5" - DS = 50 MPH	TS SC PI SCSS PI CUR CS ST	47662+84.66 47664+34.66 47672+63.11 47672+56.31 47680+35.49 47681+85.49	1,067.76' 150.00' 1,600.83' 150.00'	S 34°37'29.87" W S 33°08'07.58" W S 1°20'26.91" W S 0°08'55.38" E	1,150,406.2183 1,150,282.0548 1,148,772.5977 1,148,622.6049	2,444,809.1191 2,444,524.9641 2,444,053.1581 2,444,075.8343 2,444,056.6082 2,444,055.6978
CURVE 183B_4	TOTAL DELTA = 8°05'57.88" RT DELTA = 5°05'58.43" RT DEGREE (chord) = 2°00'00" R = 2,864.93' L = 254.98' T = 127.58' Ls-in = 150.0', Se=2.5" - DS = 50 MPH Ls-out = 150.0', Se=2.5" - DS = 50 MPH	TS SC PI SCSS PI CUR CS ST	47699+13.26 47700+63.26 47701+91.12 47701+90.84 47703+18.24 47704+68.24	1,727.77' 150.00' 254.98' 150.00'	S 0°08'55.38" E S 1°21'04.35" W S 6°27'02.77" W S 7°57'02.50" W	1,146,894.8359 1,146,744.8433 1,146,616.9820 1,146,617.2990	2,444,060.1824 2,444,059.2628 2,444,060.9036 2,444,056.2544
CURVE 184B_4	TOTAL DELTA = 7°10'28.18" LT DELTA = 4°11'43.60" LT DEGREE (chord) = 1°59'10" R = 2,884.93' L = 211.24' T = 105.67' Ls-in = 150.0', Se=2.5" - DS = 50 MPH Ls-out = 150.0', Se=2.5" - DS = 50 MPH	TS SC PI SCSS PI CUR CS ST	47709+68.24 47711+18.24 47712+24.12 47712+23.91 47713+29.48 47714+79.48	500.00' 150.00' 211.24' 150.00'	S 7°57'02.50" W S 6°27'40.21" W S 2°15'56.61" W S 0°46'34.32" W	1,145,846.6042 1,145,697.8763 1,145,487.2883 1,145,337.3298	2,443,953.3100 2,443,933.8505 2,443,917.9166 2,443,921.9594
CURVE 185A_4	TOTAL DELTA = 4°13'20.67" LT DELTA = 3°39'37.35" LT DEGREE (chord) = 0°54'23" R = 6,320.52' L = 403.79' T = 201.96' Ls-in = 62.0', Se=0.75" - DS = 50 MPH Ls-out = 62.0', Se=0.75" - DS = 50 MPH	TS SC PI SCSS PI CUR CS ST	47728+55.33 47729+17.33 47741+44.53 47731+19.29 47733+21.11 47733+83.11	1,375.85' 62.00' 403.78' 62.00'	S 0°46'34.32" W S 0°29'42.66" W S 3°09'54.69" E S 3°26'46.35" E	1,143,961.6074 1,143,899.6118 1,143,697.6304 1,143,697.6558	2,443,895.8119 2,443,895.0734 2,443,892.2355 2,443,893.3279
CURVE 185B_4	TOTAL DELTA = 4°13'20.67" RT DELTA = 3°39'14.69" RT DEGREE (chord) = 0°55'00" R = 6,250.52' L = 398.63' T = 199.38' Ls-in = 62.0', Se=0.75" - DS = 50 MPH Ls-out = 62.0', Se=0.75" - DS = 50 MPH	TS SC PI SCSS PI CUR CS ST	47738+83.11 47739+45.11 47741+44.53 47741+44.50 47743+43.74 47744+05.74	500.00' 62.00' 398.63' 62.00'	S 3°26'46.35" E S 3°09'43.36" E S 0°29'31.33" W S 0°46'34.32" W	1,142,935.0106 1,142,873.1167 1,142,474.6613 1,142,412.6658	2,443,938.1607 2,443,941.7853 2,443,951.0711 2,443,950.3337
PS	PS #20. LHXO	PS	47763+00.00	1,894.26'	S 0°46'34.32" W	1,140,518.5786	2,443,924.6725
CURVE 186_4	TOTAL DELTA = 37°50'24.48" RT DELTA = 37°24'40.69" RT DEGREE (chord) = 0°41'30" R = 8,283.78' L = 5,408.86' T = 2,804.81' Ls-in = 62.0', Se=0.75" - DS = 50 MPH Ls-out = 62.0', Se=0.75" - DS = 50 MPH	TS SC PI SCSS PI CUR CS ST	47795+68.51 47796+30.51 47824+38.93 47824+35.33 47850+39.38 47851+01.38	3,268.51' 62.00' 5,408.87' 62.00'	S 0°46'34.32" W S 0°59'26.21" W S 38°24'06.90" W S 38°36'58.80" W	1,137,250.3666 1,137,188.3734 1,132,185.9211 1,132,137.4297	2,443,880.3946 2,443,879.4774 2,443,841.5096 2,443,830.9860
CURVE 187A_4	TOTAL DELTA = 22°51'19.58" LT DELTA = 18°37'51.62" LT DEGREE (chord) = 3°15'00" R = 1,763.18' L = 573.26' T = 289.22' Ls-in = 130.0', Se=2.5" - DS = 40 MPH Ls-out = 130.0', Se=2.5" - DS = 40 MPH	TS SC PI SCSS PI CUR CS ST	47865+48.38 47866+78.38 47869+69.86 47869+67.60 47872+51.64 47873+81.64	1,447.00' 130.00' 573.26' 130.00'	S 38°36'58.80" W S 36°30'14.82" W S 17°52'23.20" W S 15°45'39.22" W	1,131,006.8266 1,130,904.2689 1,130,396.5240 1,130,271.8624	2,441,146.9976 2,441,067.1234 2,440,806.3056 2,440,769.4620
CURVE 187B_4	TOTAL DELTA = 2°15'51.00" LT DELTA = 2°15'51.06" LT DEGREE (chord) = 1°30'00" R = 3,819.83' L = 150.95' T = 75.48' Ls-in = 40.0', Se=2.5" - DS = 40 MPH Ls-out = 40.0', Se=2.5" - DS = 40 MPH	TS SC PI SCSS PI CUR CS ST	47875+27.30 47875+67.30 47876+42.79 47876+42.78 47877+18.24 47877+58.24	145.66' 40.00' 150.94' 40.00'	S 15°45'39.22" W S 15°27'39.25" W S 13°11'48.19" W S 12°53'48.22" W	1,130,131.6775 1,130,093.1625 1,129,946.9179 1,129,907.9427	2,440,729.8970 2,440,719.0993 2,440,698.5258 2,440,698.9765
PI	PI #20 T.O.	PI	47879+42.94	561.30'	S 12°53'48.22" W	1,129,727.9069	2,440,631.5250
PS	PS #20 T.O.	PS	47880+04.00	61.06'	S 15°45'39.22" W	1,129,669.1425	2,440,614.9397
END	END MATCH EXISTING	END	47880+04.00	0.00'	S 15°45'39.22" W	1,129,669.1425	2,440,614.9397

UPRR MAIN 2 ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
BEGIN	BEGIN	BEGIN, POT	57641+66.22		S 34°37'29.87" W	1,152,141.1940	2,445,824.1278
PS	PS #20. RHXO	PS	57646+54.58	488.36'	S 34°37'29.87" W	1,151,739.3300	2,445,546.6419
PS	PS #20. LHXO	PS	57656+18.48	963.90'	S 34°37'29.87" W	1,150,946.1515	2,444,998.9546
CURVE 183_5	TOTAL DELTA = 34°46'25.25" LT DELTA = 31°46'25.80" LT DEGREE (chord) = 2°00'00" R = 2,864.93' L = 1,588.69' T = 815.39' Ls-in = 150.0', Se=2.5" - DS = 50 MPH Ls-out = 150.0', Se=2.5" - DS = 50 MPH	TS SC PI SCSS PI CUR CS ST	57662+75.64 57664+25.64 57672+47.84 57672+41.04 57680+14.34 57681+64.34	657.16' 150.00' 1,588.70' 150.00'	S 34°37'29.87" W S 33°07'30.14" W S 1°21'04.35" W S 0°08'55.38" E	1,150,405.3749 1,150,281.2063 1,149,605.3671 1,149,598.3329 1,148,783.1688 1,148,633.1762	2,444,625.5499 2,444,541.4025 2,444,073.1470 2,444,095.8175 2,444,076.5899 2,444,075.6704
CURVE 187_5	TOTAL DELTA = 22°51'19.58" LT DELTA = 18°37'51.62" LT DEGREE (chord) = 3°15'00" R = 1,763.1834' L = 573.26' T = 289.22' Ls-in = 130.0', Se=2.5" - DS = 40 MPH Ls-out = 130.0', Se=2.5" - DS = 40 MPH	TS SC PI SCSS PI CUR CS ST	57865+60.11 57866+90.11 57869+81.59 57869+79.33 57872+63.37 57873+93.37	1,455.84' 130.00' 573.26' 130.00'	S 38°36'58.80" W S 36°30'14.82" W S 17°52'23.20" W S 15°45'39.22" W	1,130,987.4450 1,130,884.8874 1,130,658.1203 1,130,652.4064 1,130,377.1425 1,130,252.4809	2,441,157.1135 2,441,077.2393 2,440,894.0633 2,440,905.1866 2,440,816.4214 2,440,779.5779
END	END	END, POT	57872+63.37	0.00'	S 17°52'23.20" W	1,130,377.1425	2,440,816.4214
PS	Existing PS LHXO	Existing PS	57874+54.26	60.89'	S 15°45'39.22" W	1,130,193.8777	2,440,763.0379

UPRR MAIN 2 IS SET 20' LEFT OF UPRR MAIN 1 EXCEPT FOR BEGINNING THROUGH CURVE 183_5, AND CURVE 187_5 TO END.

MODEL: Sheet 1
 FILE: I:\A\B\C\Projects\hanson\csw\hanson\spc-01\Documents\09L0179B\Usable_Segments_VI - V - V\CAD\Rail\Usable_Segment_VI - IDOT\Street\09L0179B-TrackProfile_Schematic.dgn



**SCHEMATIC 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%

————— UPRR TOP OF RAIL
 - - - - - NSRR TOP OF RAIL

FINAL



USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLOT SCALE = 400.00' / in.	DRAWN - CLG	REVISED -
PLOT DATE = 1/18/2021	CHECKED - GCN/JWM	REVISED -
	DATE - 1/18/2021	REVISED -

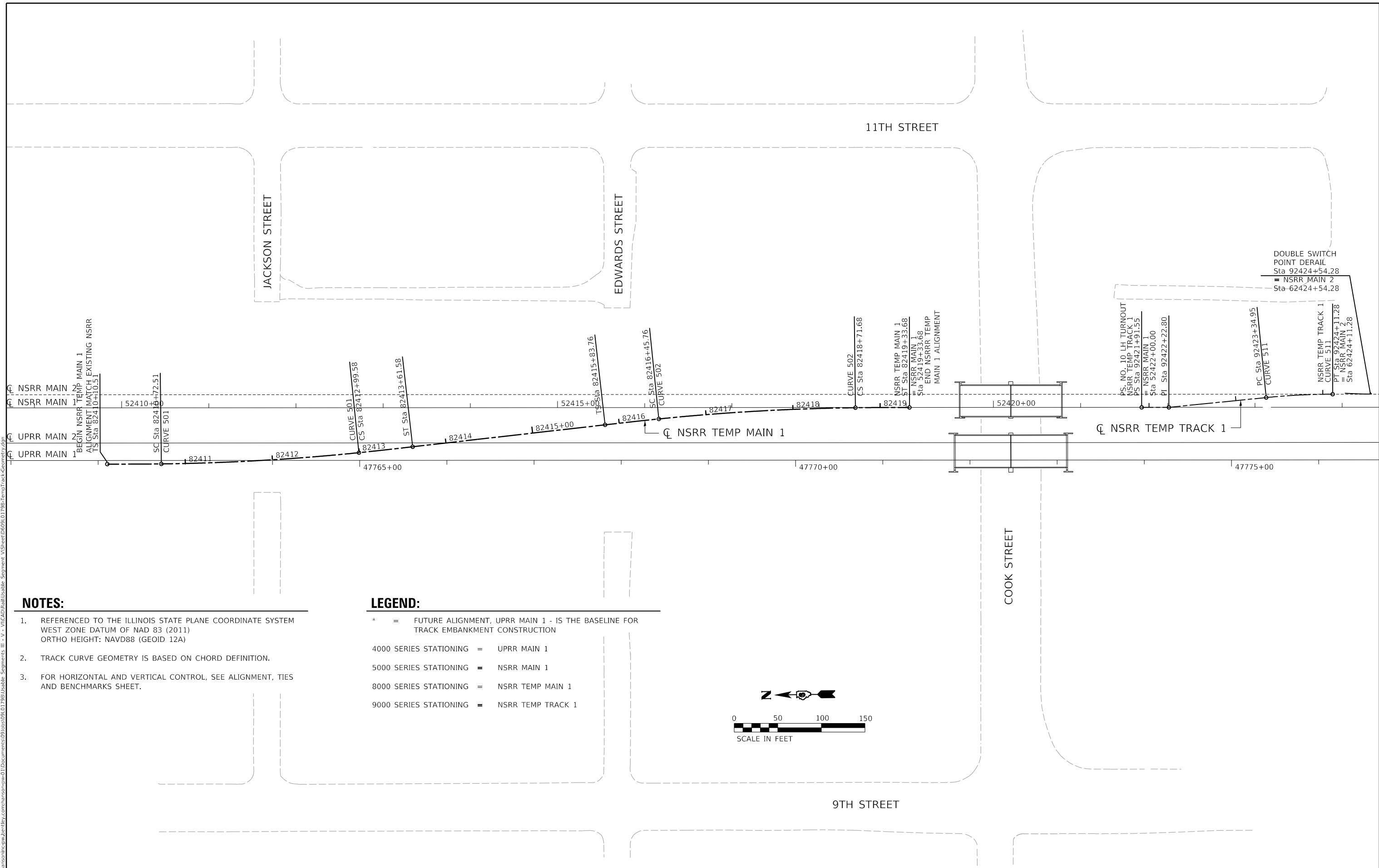
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	67
09L0179B		CONTRACT NO. 93747		
* 7985A & 8034		ILLINOIS FED. AID PROJECT		

MODEL: Sheet 1
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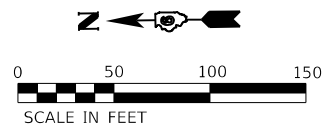


NOTES:

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. FOR HORIZONTAL AND VERTICAL CONTROL, SEE ALIGNMENT, TIES AND BENCHMARKS SHEET.

LEGEND:

- * = FUTURE ALIGNMENT, UPRR MAIN 1 - IS THE BASELINE FOR TRACK EMBANKMENT CONSTRUCTION
- 4000 SERIES STATIONING = UPRR MAIN 1
- 5000 SERIES STATIONING = NSRR MAIN 1
- 8000 SERIES STATIONING = NSRR TEMP MAIN 1
- 9000 SERIES STATIONING = NSRR TEMP TRACK 1



FINAL



USER NAME = Pop00275	DESIGNED - GCN	REVISED -
PLOT SCALE = 100.00' / in.	CHECKED - GCN/JWM	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	68
09L0179B		CONTRACT NO. 93747		
# 7985A & 8035	ILLINOIS	FED. AID PROJECT		

NSRR TEMP MAIN 1 ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
BEGIN	MATCH EXISTING NSRR	POT	82410+10.51		S 0°48'08.32" W	1,140,578.4232	2,443,921.2492
CURVE 501	TOTAL DELTA = 6°30'14.71" LT	TS	82410+10.51	0.00'	S 0°48'08.32" W	1,140,578.1627	2,443,921.2456
	DELTA = 5°06'33.03" LT	SC	82410+72.51	62.00'	S 0°06'17.48" W	1,140,516.1662	2,443,920.6290
	DEGREE (chord) = 2°15'00"	PI SC	82411+86.21			1,140,402.4765	2,443,918.7853
	R = 2,546.64'		82411+86.13			1,140,402.5465	2,443,920.4210
	L = 227.07'	CS	82412+99.58	227.07'	S 5°00'15.55" E	1,140,289.3598	2,443,930.3322
T = 113.62'	82413+61.58		62.00'	S 5°42'06.39" E	1,140,227.6424	2,443,936.2415	
CURVE 502	LS-IN = 62', Se=1" - DS = 40 MPH	ST	82416+45.76	62.00'	S 5°42'06.39" E	1,140,006.5609	2,443,958.3153
	LS-OUT = 62', Se=1" - DS = 40 MPH	SC	82416+45.76	62.00'	S 5°00'15.55" E	1,139,944.8435	2,443,964.2246
	TOTAL DELTA = 6°28'40.71" RT	TS	82415+83.76	222.18'	S 5°42'06.39" E	1,140,006.5609	2,443,958.3153
	DELTA = 5°04'59.03" RT	SC	82416+45.76	62.00'	S 5°00'15.55" E	1,139,944.8435	2,443,964.2246
	DEGREE (chord) = 2°15'00"	PI SC	82417+58.88			1,139,832.3061	2,443,975.7137
R = 2,546.64'	82417+58.80				1,139,832.2360	2,443,974.0851	
CURVE 502	L = 225.91'	SC	82418+71.68	225.92'	S 0°04'43.48" W	1,139,719.1978	2,443,973.9297
	T = 113.04'		82419+33.68	62.00'	S 0°46'34.32" W	1,139,657.2010	2,443,973.3414
	LS-IN = 62', Se=1" - DS = 40 MPH	ST	82419+33.68	62.00'	S 0°46'34.32" W	1,139,657.2010	2,443,973.3414
END	MATCH NSRR MAIN 1 STA. 52419+33.68	ST	82419+33.68	0.00'	S 0°46'34.32" W	1,139,657.2010	2,443,973.3414

NSRR TEMP TRACK 1 ALIGNMENT CONTROL							
ALIGNMENT ELEMENT	DESCRIPTION	ALIGNMENT POINT	STATION	DISTANCE	BEARING	NORTHING	EASTING
BEGIN	PS #10 LH TURNOUT	POB	92421+91.55		S 0°46'34" W	1,139,390.9020	2,443,969.7335
PI	MATCH NSRR MAIN 1 STA. 52422+00.00	PI	92422+22.80	31.25'	S 0°46'34" W	1,139,359.6548	2,443,969.3102
CURVE 511	PI #10 TURNOUT	PC	92423+34.95	112.15'	S 4°56'54.60" W	1,139,247.9187	2,443,978.9847
	DELTA = 5°43'28.92" RT		92423+73.18			1,139,209.8375	2,443,982.2818
	DEGREE (chord) = 7°30'00.00"	PI CUR	92423+73.18			1,139,209.8375	2,443,982.2818
	R = 764.49'		92424+11.28	76.33'	S 0°46'34.32" W	1,139,171.6172	2,443,981.7640
END	L = 76.33'	PT	92424+11.28	76.33'	S 0°46'34.32" W	1,139,171.6172	2,443,981.7640
	T = 38.22'		RH DOUBLE SWITCH POINT DERAIL	END	43.00'	S 0°46'34.32" W	1,139,128.6212
END	MATCH NSRR MAIN 2 STA. 62424+54.28	END	92424+54.28	43.00'	S 0°46'34.32" W	1,139,128.6212	2,443,981.1815

FINAL

MODEL SHEET 1
 FILE: \\hanson.com\hanson\pww\11\Documents\09L0179B\Usable_Segment_III - V - V\VCAD\Rail\Usable_Segment_V\Sheet\09L0179B-TempTrack-Geometry_Tables.dgn



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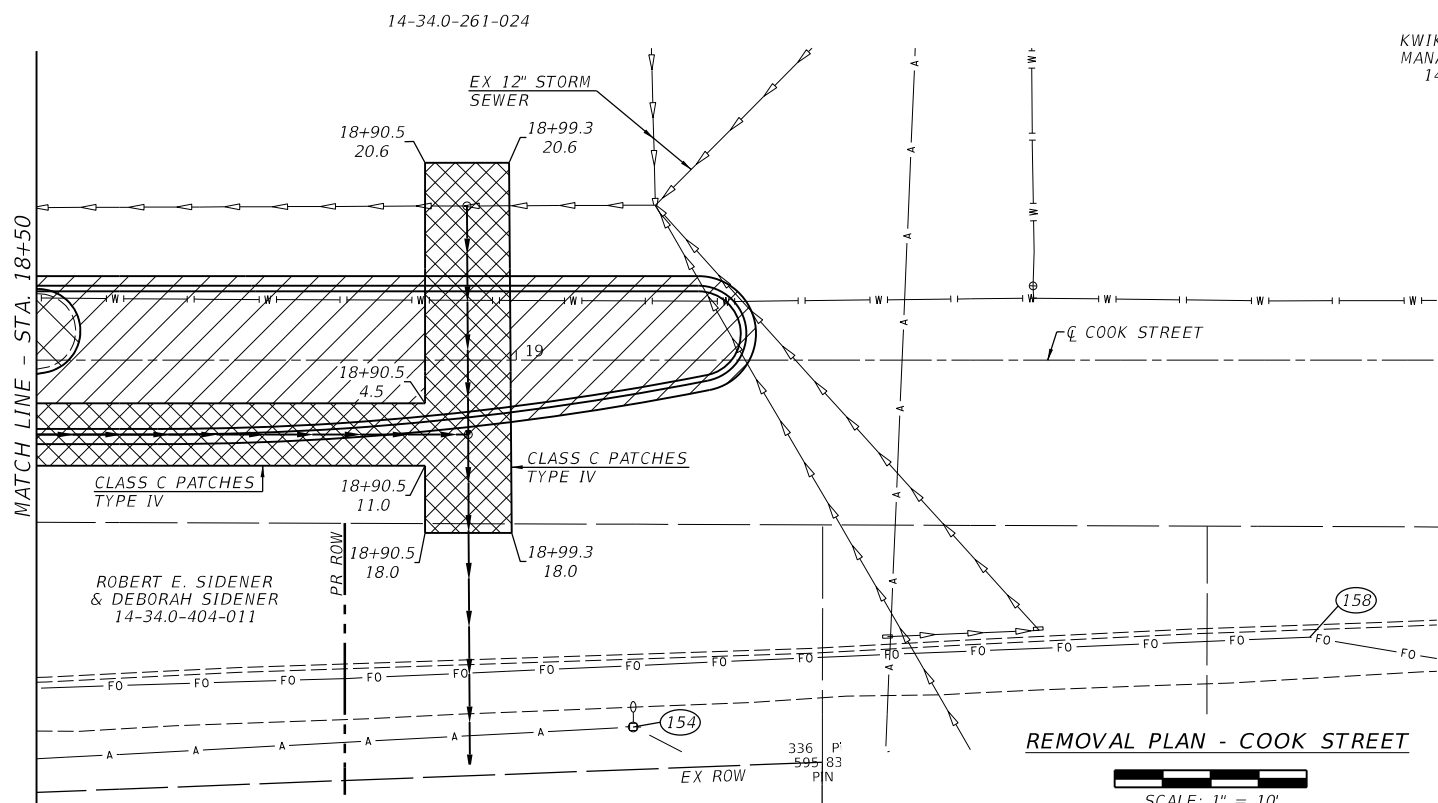
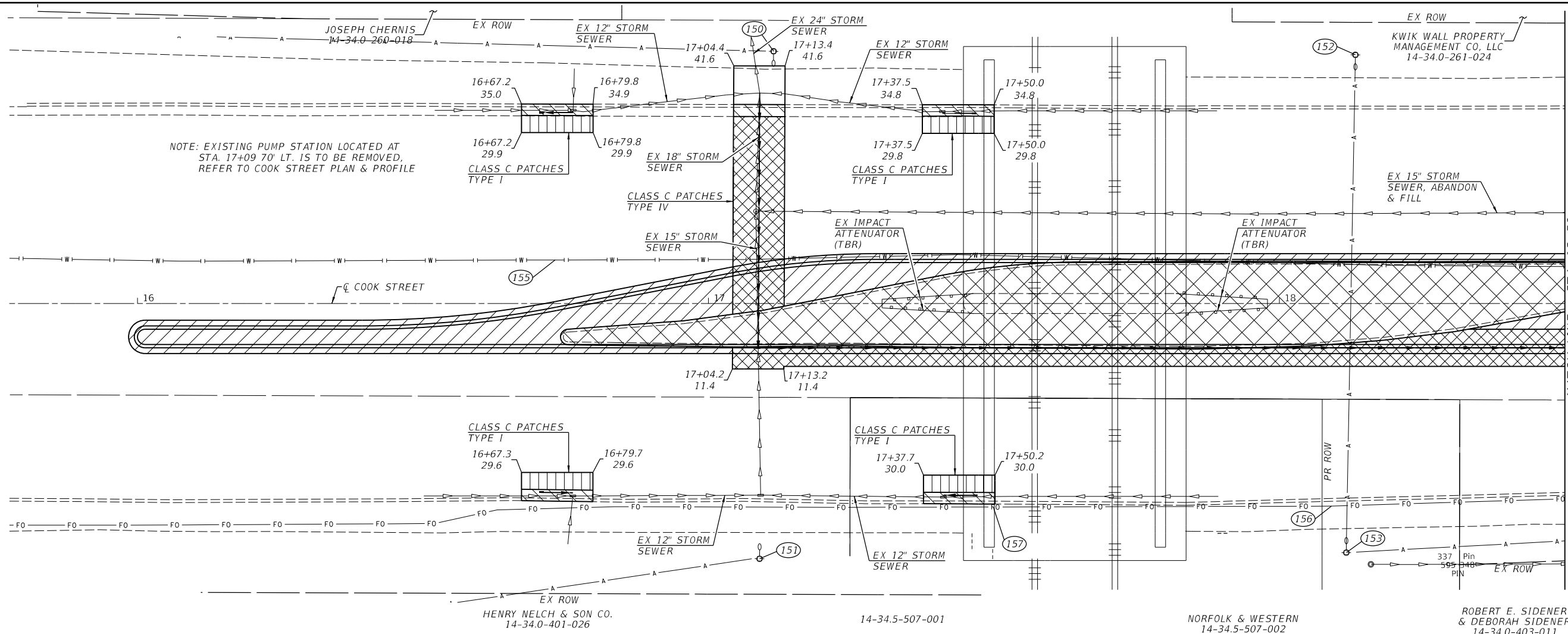
USER NAME = Pop00275	DESIGNED - GCN	REVISED -
	DRAWN - CLG	REVISED -
PLOT SCALE = 0.17" / 1"	CHECKED - GCN/JWM	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

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.
*	19-00488-00-BR	SANGAMON	347	69
	09L0179B	CONTRACT NO.	93747	
* 7985A & 8036	ILLINOIS	FED. AID PROJECT		



LEGEND

- MEDIAN REMOVAL (EXIST MEDIAN)
- PAVEMENT REMOVAL
- COMBINATION CONCRETE CURB & GUTTER REMOVAL
- CLASS C PATCH 10' TYPE IV
- CLASS C PATCH TYPE I

FINAL



USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' / In.	DRAWN -	REVISED -
PLOT DATE = 1/18/2021	CHECKED -	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

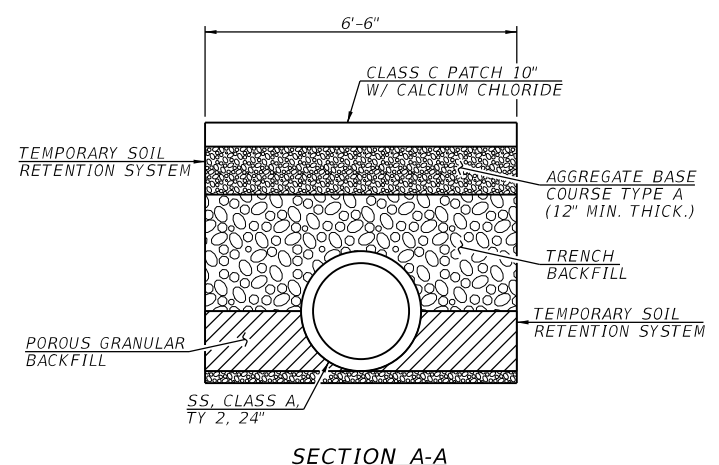
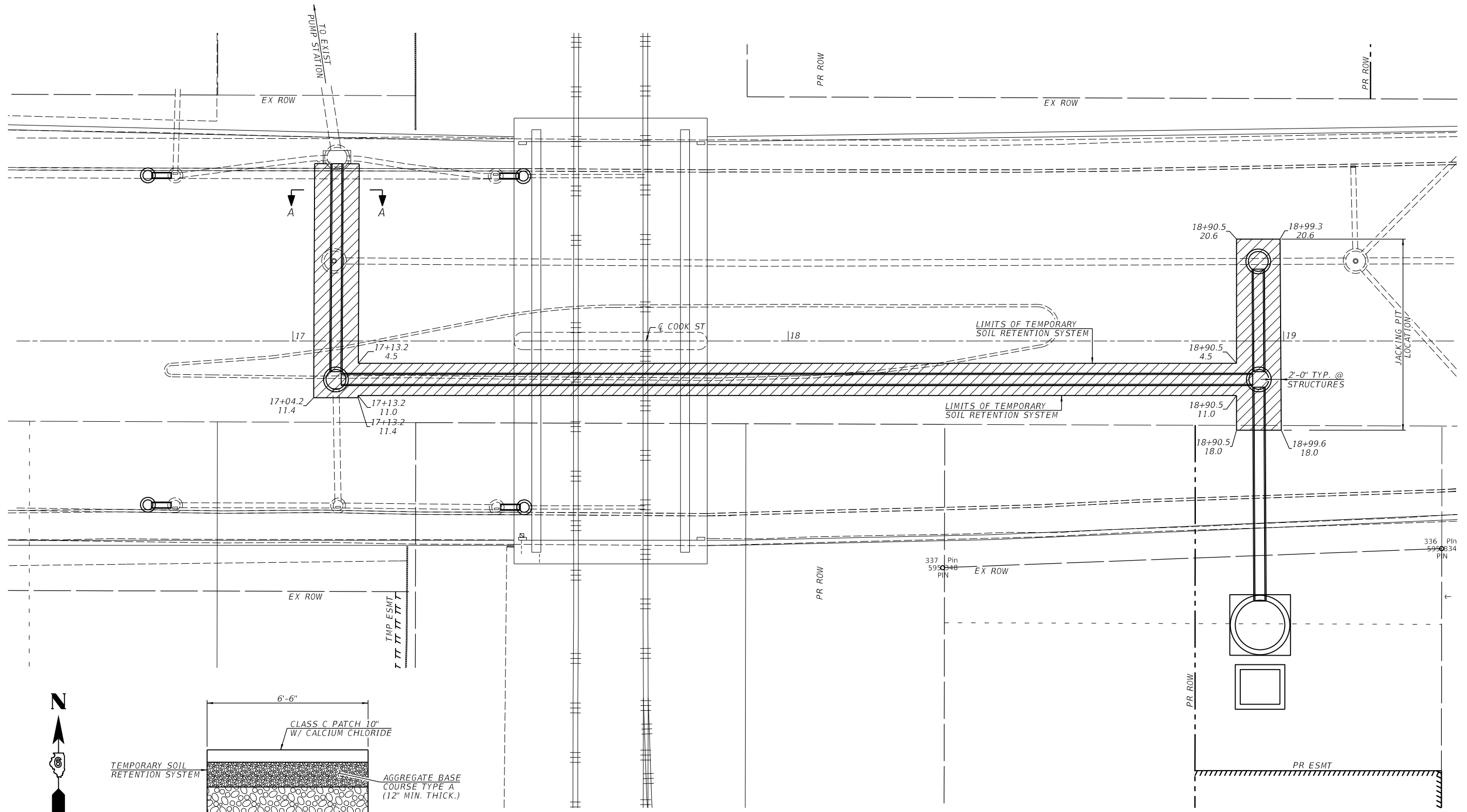
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 REMOVAL PLAN - COOK ST - 1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	70
09L0179B		CONTRACT NO.	93747	
* 7985A & 8037		ILLINOIS FED. AID PROJECT		

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

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SOIL RETENTION PLAN - COOK STREET
 SCALE: 1" = 10'

LEGEND
 [Hatched Box] - REMOVAL AREA AND SOIL RETENTION AREA

FINAL



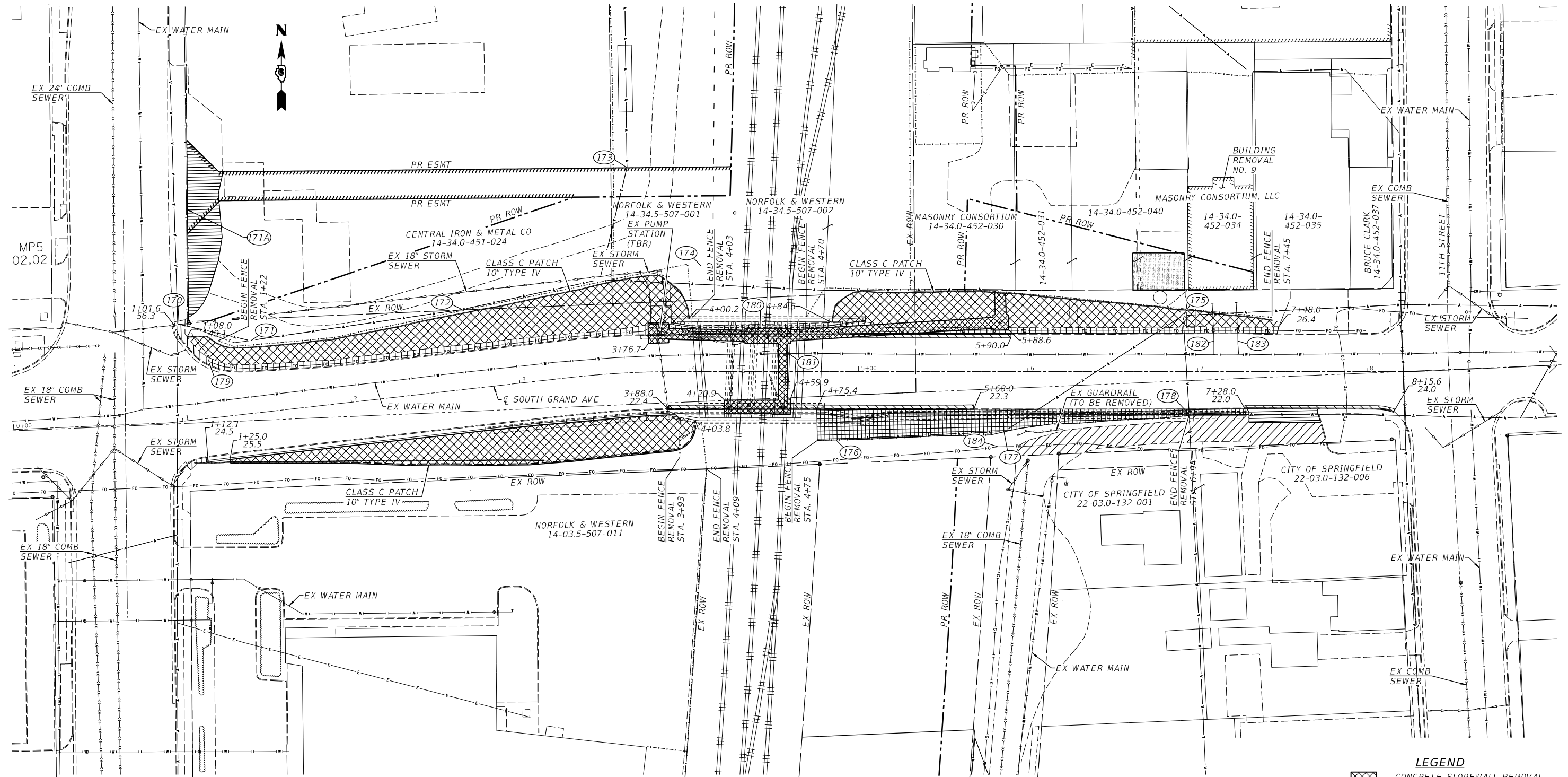
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PLOT DATE = 1/18/2021	CHECKED -	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

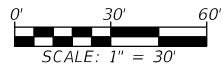
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 REMOVAL PLAN - COOK ST - 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	71
	09L0179B		CONTRACT NO.	93747
* 7985A & 8038		ILLINOIS	FED. AID PROJECT	

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



REMOVAL PLAN - SOUTH GRAND AVENUE



- LEGEND**
- CONCRETE SLOPEWALL REMOVAL (INCLUDES STEPS)
 - PAVEMENT REMOVAL
 - COMBINATION CONCRETE CURB & GUTTER REMOVAL
 - SIDEWALK REMOVAL
 - CONCRETE REMOVAL
 - DRIVEWAY REMOVAL
 - CLASS C PATCH 10" TYPE IV
 - FOUNDATION REMOVAL
 - BUILDING REMOVAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
REMOVAL PLAN - SOUTH GRAND AVE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	72
	09L0179B	CONTRACT NO.		93747

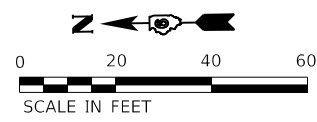
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

FINAL

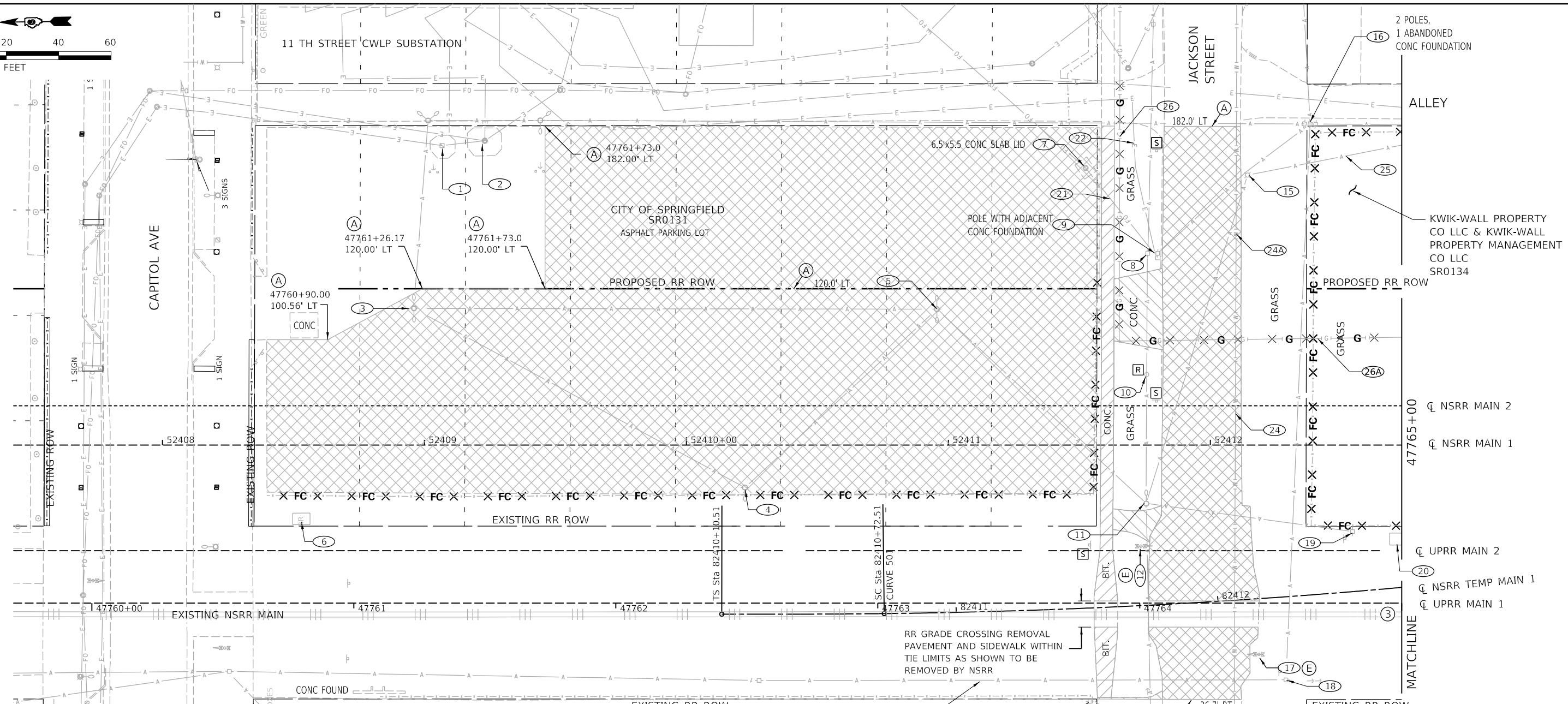
V&K
Veenstra & Kimm, Inc.
Springfield, IL. Phone: (217)544-8033

USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 60,0000' / In.	DRAWN -	REVISED -
PLOT DATE = 1/18/2021	CHECKED -	REVISED -
	DATE = 1/18/2021	REVISED -

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 Copyright Hanson Professional Services Inc. 2021



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 AND PIT FLOORS WHERE PRESENT.
- ③ PAY ITEM TRACK REMOVAL INCLUDES THE REMOVAL OF EXISTING TRACK WITHIN THE CONSTRUCTION LIMITS SHOWN ON TRACK STAGING PLANS, PER SPECIFICATIONS. TRACK NOT ACTIVE & NOT REQUIRED FOR THE OPERATION OF NSRR RAIL TRAFFIC IN THAT STAGE SHALL BE REMOVED FROM THE EXISTING ROW / YARD. THE FIELD ENGINEER SHALL DIRECT THE TIME & TRACK LIMITS TO BE REMOVED. THE NSRR HAS THE AUTHORITY TO DESIGNATE EXCEPTIONS AND LIMITS FOR ANY SALVAGE OPERATION.

LEGEND

	PAVEMENT REMOVAL INCLUDES ADJACENT CURB & GUTTER	X W X	WATER LINE REMOVAL (COST INCLUDED IN EARTH EXCAVATION FOR LINES LESS THAN 12" IN. DIA.)
	SIDEWALK REMOVAL INCLUDES ADJACENT CURB	X S X	SEWER REMOVAL
	DRIVEWAY PAVT REMOVAL INCLUDES ADJACENT CURB & GUTTER	X G X	GAS MAIN REMOVAL (COST INCLUDED WITH EARTH EXCAVATION)
		X FC X	FENCE REMOVAL
REC	DRAINAGE STRUCTURE RECONSTRUCTION	X F X	ABANDON AND FILL EXISTING SEWER WITH CLSM
ADJ	DRAINAGE OR UTILITY STRUCTURE ADJUSTMENT	⌘	TREE AND SHRUB REMOVAL. ALL COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TREE REMOVAL, ACRES.
R	DRAINAGE OR UTILITY STRUCTURE REMOVAL	⌘	REMOVAL ITEM SYMBOL WITH DESCRIPTION
S	REMOVE SIGN PANEL ASSEMBLY		
26	UTILITY IDENTIFIER - SEE UTILITY ADJUSTMENT SCHEDULE		

- SHEET NOTES:**
- (A) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVT REMOVAL AND OR SIDEWALK REMOVAL. ALL SAW CUTS (S.C.) FULL DEPTH U.N.O.
 - (B) SEE SCHEDULES FOR OTHER ITEMS TO BE ADJUSTED OR REMOVED BY OTHERS.
 - (C) SEE ROW & FENCING / ACCESS PLANS FOR ROW STATION AND OFFSET CALLOUTS.
 - (D) ALL STATION & OFFSET CALLOUTS ARE FROM UPRR MAIN 1 UNLESS NOTED OTHERWISE
 - (E) FOUNDATION REMOVAL, RR SIGNAL AND GATES TO BE REMOVED BY NSRR

FINAL



USER NAME = Pop00275	DESIGNED - CLG	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM/JAD	REVISED -
	DATE - 1/18/2021	REVISED -

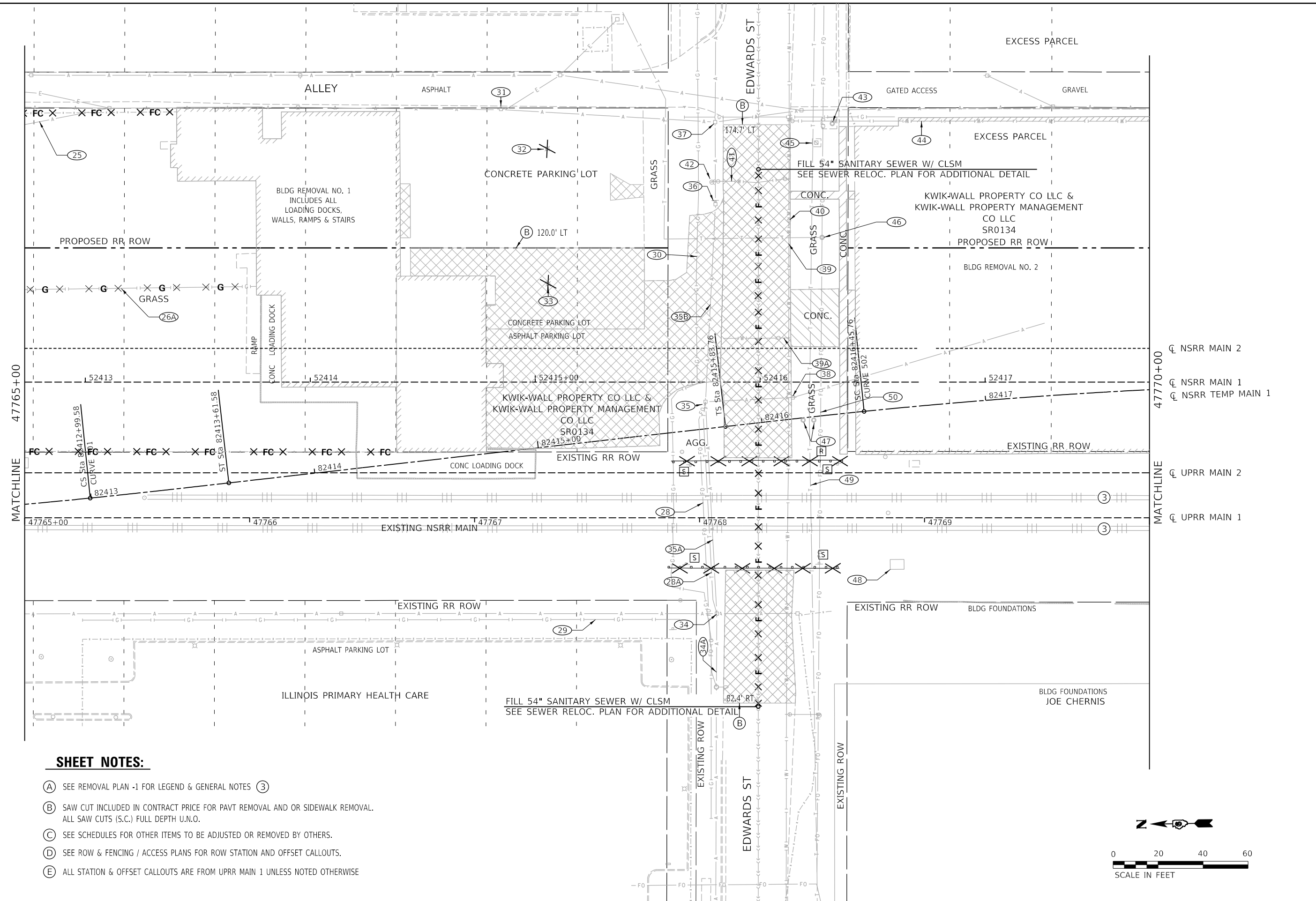
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

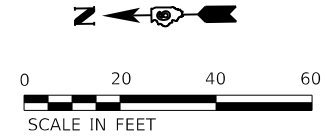
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 09L0179B	19-00488-00-BR	SANGAMON	347	74
* 7985A & 8041		ILLINOIS	FED. AID PROJECT	

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SHEET NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND & GENERAL NOTES (3)
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVT REMOVAL AND OR SIDEWALK 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) ALL STATION & OFFSET CALLOUTS ARE FROM UPRR MAIN 1 UNLESS NOTED OTHERWISE



FINAL



USER NAME = Pop00275	DESIGNED - CLG	REVISED -
	DRAWN - CLG	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MNM/JAD	REVISED -
PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

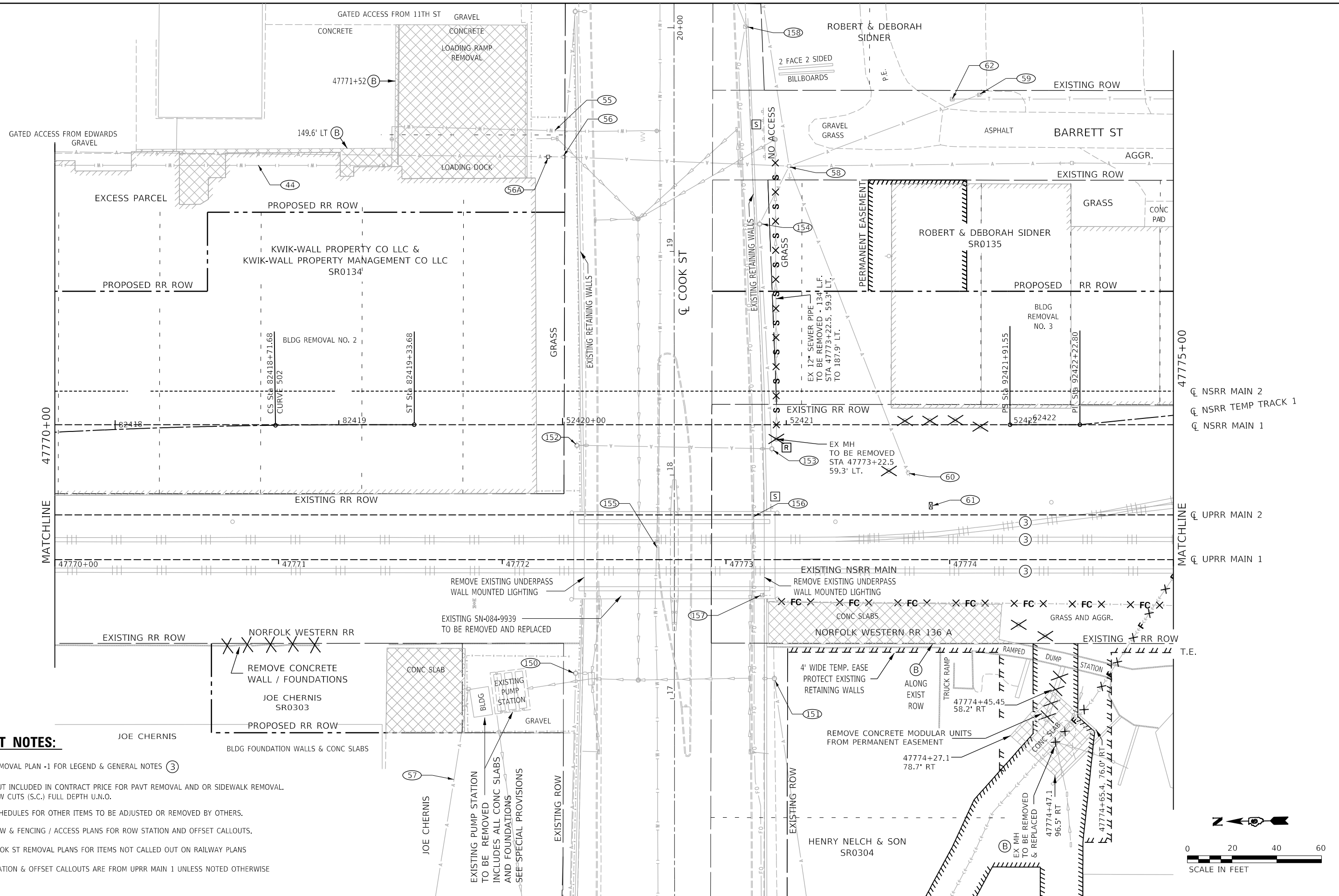
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.

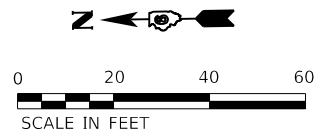
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	75
	09L0179B		CONTRACT NO. 93747	
* 7985A & 8042	ILLINOIS	FED. AID PROJECT		

MODEL: Sheet 3
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SHEET NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND & GENERAL NOTES (3)
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVT REMOVAL AND OR SIDEWALK 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) SEE COOK ST REMOVAL PLANS FOR ITEMS NOT CALLED OUT ON RAILWAY PLANS
- (F) ALL STATION & OFFSET CALLOUTS ARE FROM UPRR MAIN 1 UNLESS NOTED OTHERWISE



FINAL



USER NAME = Pop00275	DESIGNED - CLG	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - CLG	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM/JAD	REVISED -
	DATE - 1/18/2021	REVISED -

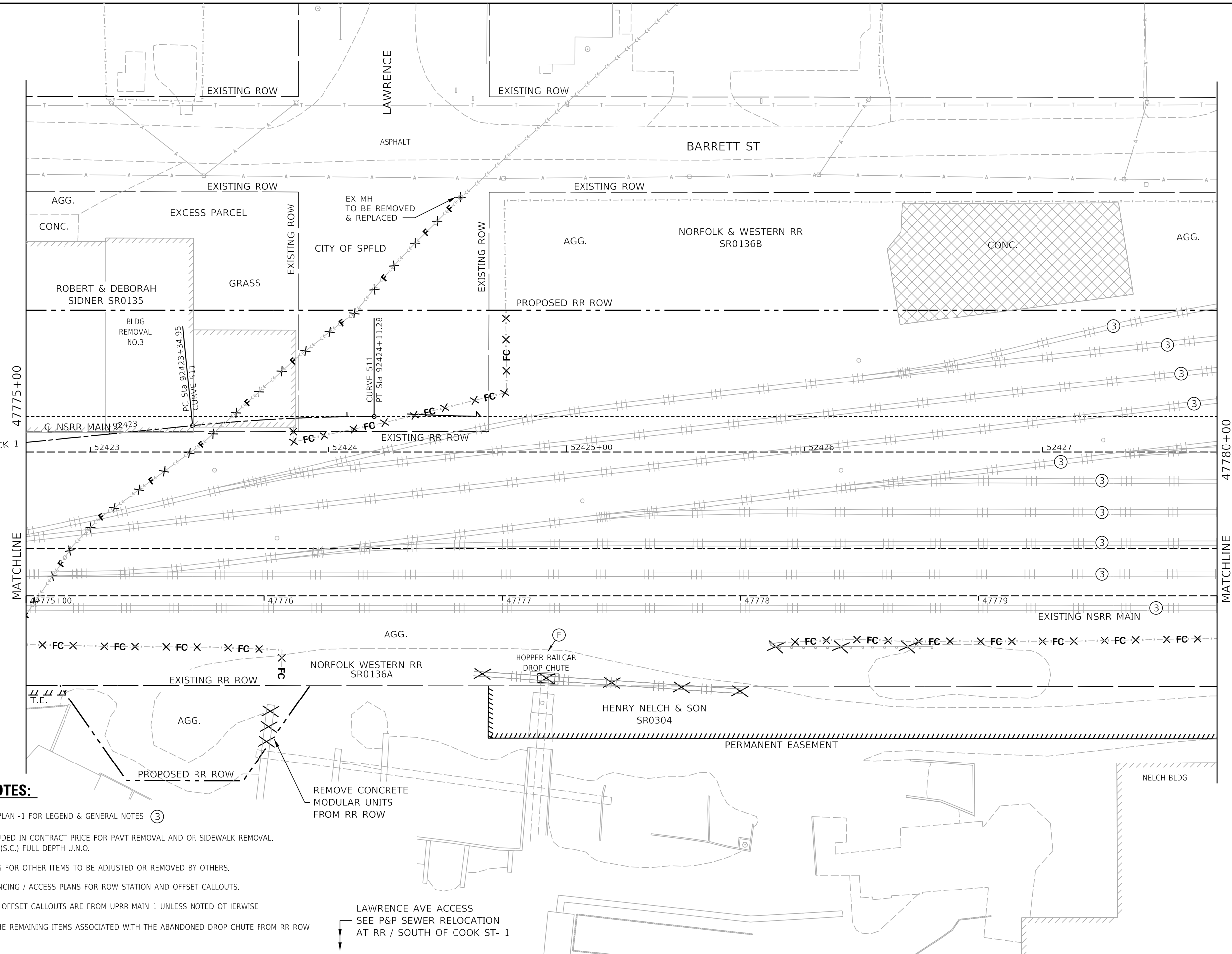
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	76
	09L0179B	CONTRACT NO.	93747	
# 7985A & 8043	ILLINOIS	FED. AID PROJECT		

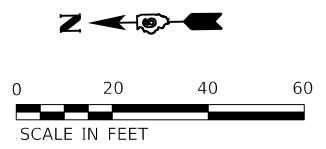
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SHEET NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND & GENERAL NOTES (3)
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVT REMOVAL AND OR SIDEWALK 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) ALL STATION & OFFSET CALLOUTS ARE FROM UPRR MAIN 1 UNLESS NOTED OTHERWISE
- (F) REMOVE ALL THE REMAINING ITEMS ASSOCIATED WITH THE ABANDONED DROP CHUTE FROM RR ROW

LAWRENCE AVE ACCESS
 SEE P&P SEWER RELOCATION
 AT RR / SOUTH OF COOK ST- 1



FINAL



USER NAME = Pop00275	DESIGNED - CLG	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM/JAD	REVISED -
	DATE - 1/18/2021	REVISED -

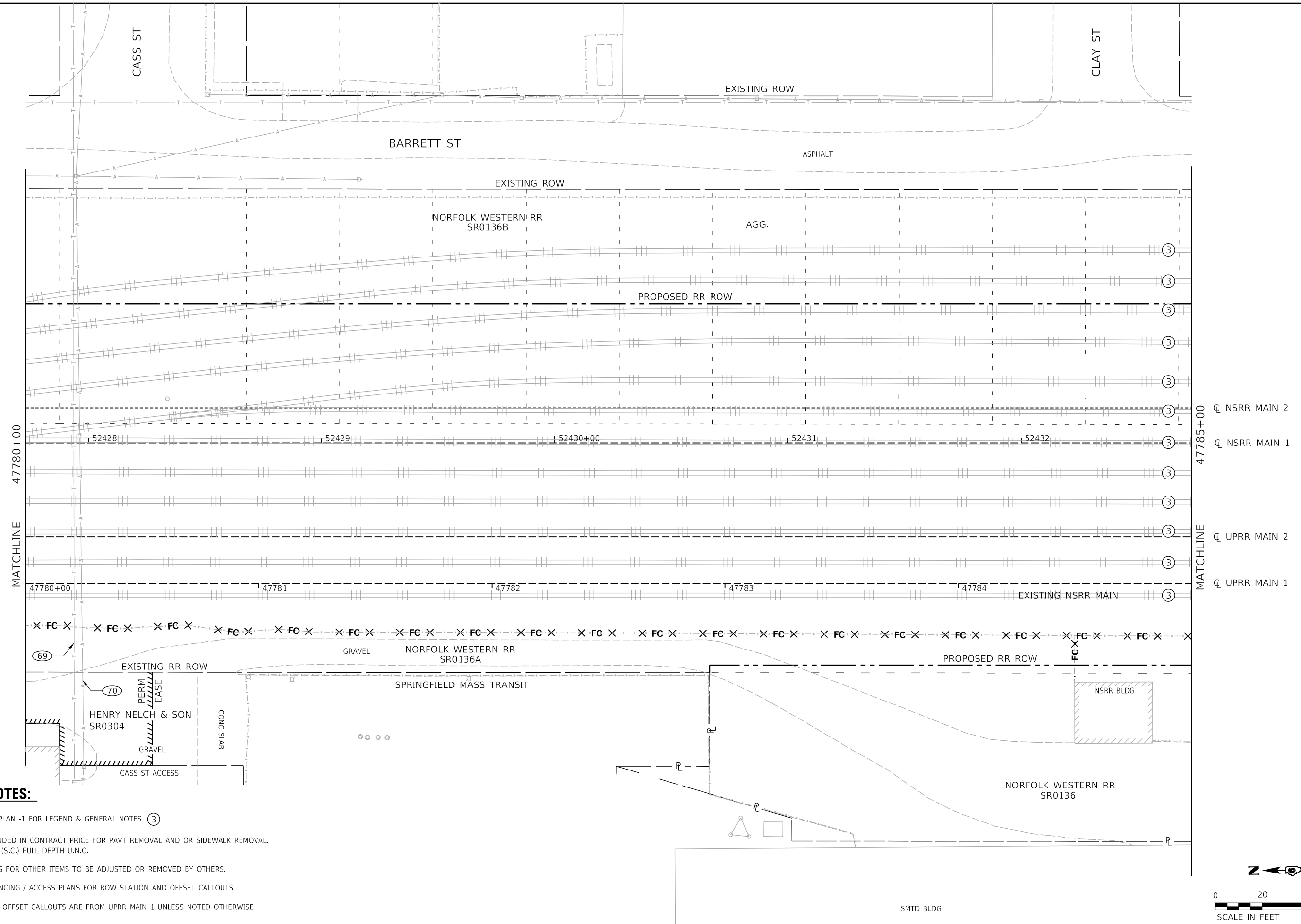
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	77
	09L0179B			CONTRACT NO. 93747
* 7985A & 8044	ILLINOIS	FED. AID PROJECT		

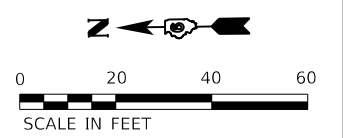
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SHEET NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND & GENERAL NOTES (3)
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVT REMOVAL AND OR SIDEWALK 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) ALL STATION & OFFSET CALLOUTS ARE FROM UPRR MAIN 1 UNLESS NOTED OTHERWISE



FINAL



USER NAME = Pop00275	DESIGNED - CLG	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM/JAD	REVISED -
	DATE - 1/18/2021	REVISED -

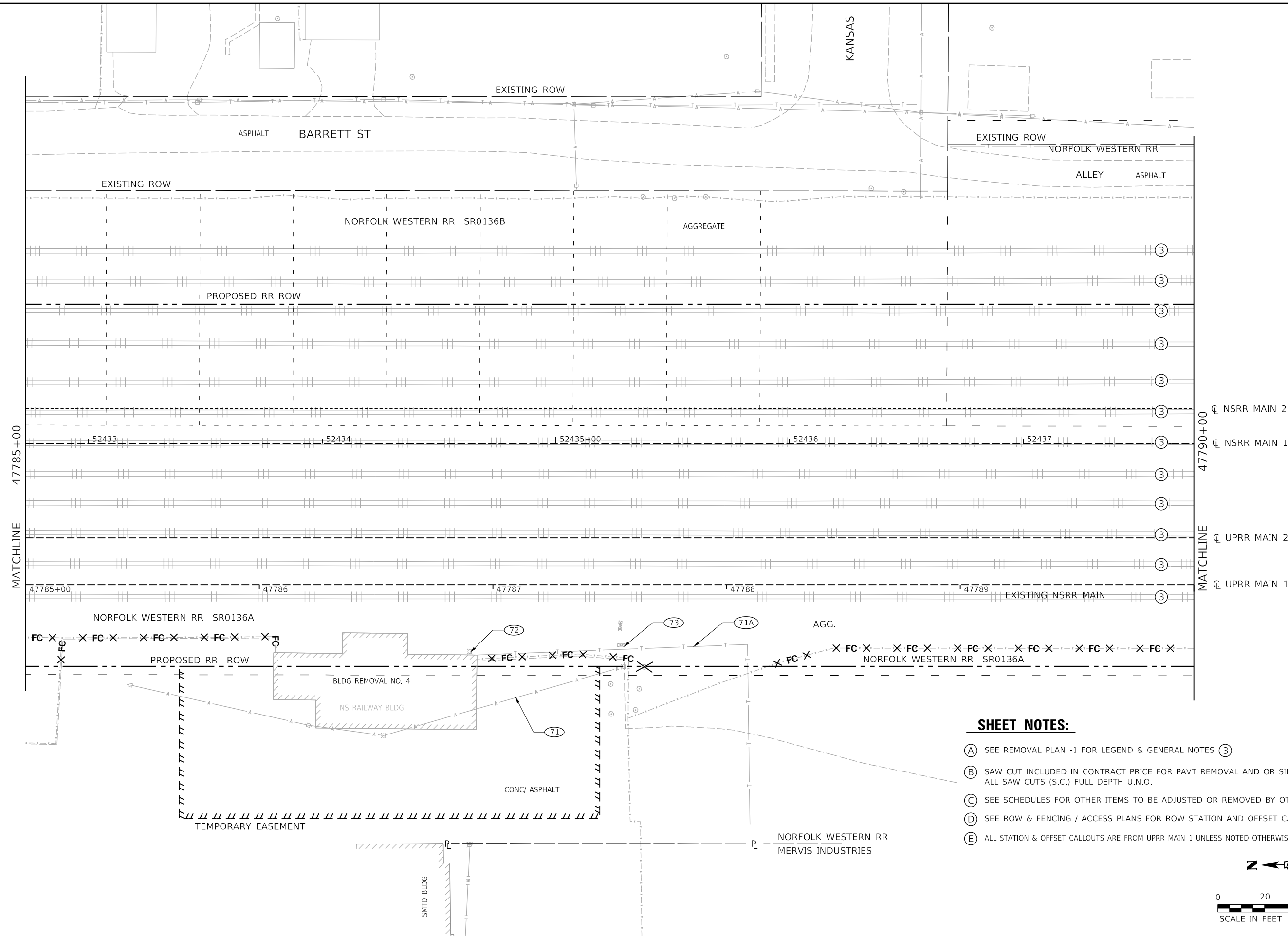
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

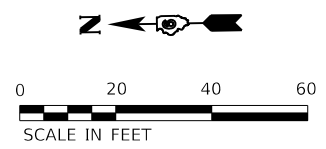
SCALE: SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	78
	09L0179B			CONTRACT NO. 93747
# 7985A & 8045	ILLINOIS	FED. AID PROJECT		

MODEL: Sheet 6
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- SHEET NOTES:**
- (A) SEE REMOVAL PLAN -1 FOR LEGEND & GENERAL NOTES (3)
 - (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVT REMOVAL AND OR SIDEWALK 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) ALL STATION & OFFSET CALLOUTS ARE FROM UPRR MAIN 1 UNLESS NOTED OTHERWISE



FINAL



USER NAME = Pop00275	DESIGNED - CLG	REVISED -
	DRAWN - CLG	REVISED -
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PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

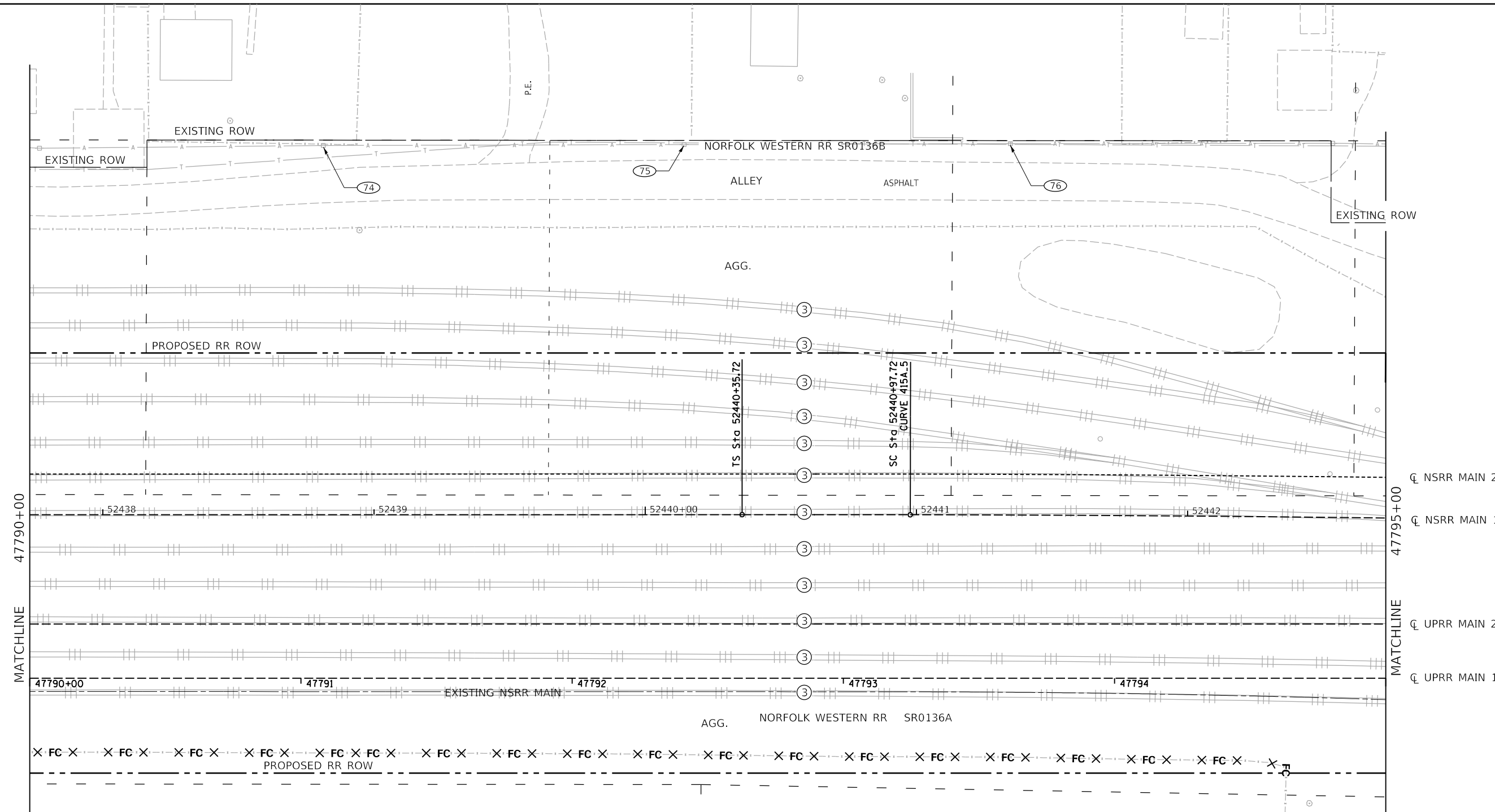
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

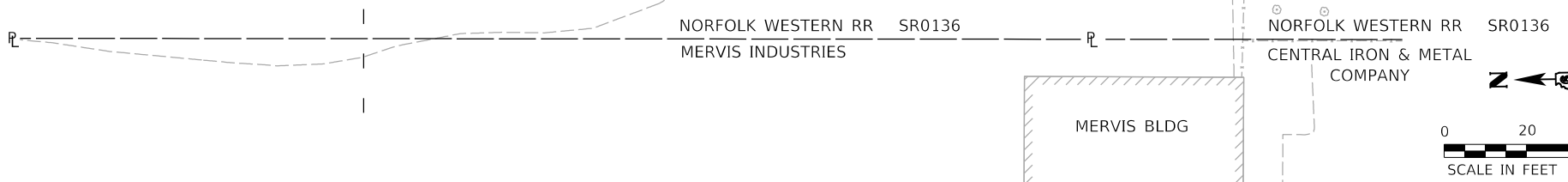
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	79
	09L0179B			CONTRACT NO. 93747
* 7985A & 8046	ILLINOIS	FED. AID PROJECT		

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SHEET NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND & GENERAL NOTES (3)
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVT REMOVAL AND OR SIDEWALK 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) ALL STATION & OFFSET CALLOUTS ARE FROM UPRR MAIN 1 UNLESS NOTED OTHERWISE



FINAL



USER NAME = Pop00275	DESIGNED - CLG	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - CLG	REVISED -
PLOT DATE = 1/18/2021	CHECKED - MNM/JAD	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

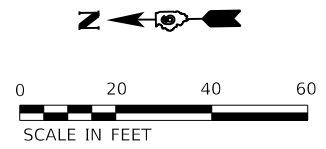
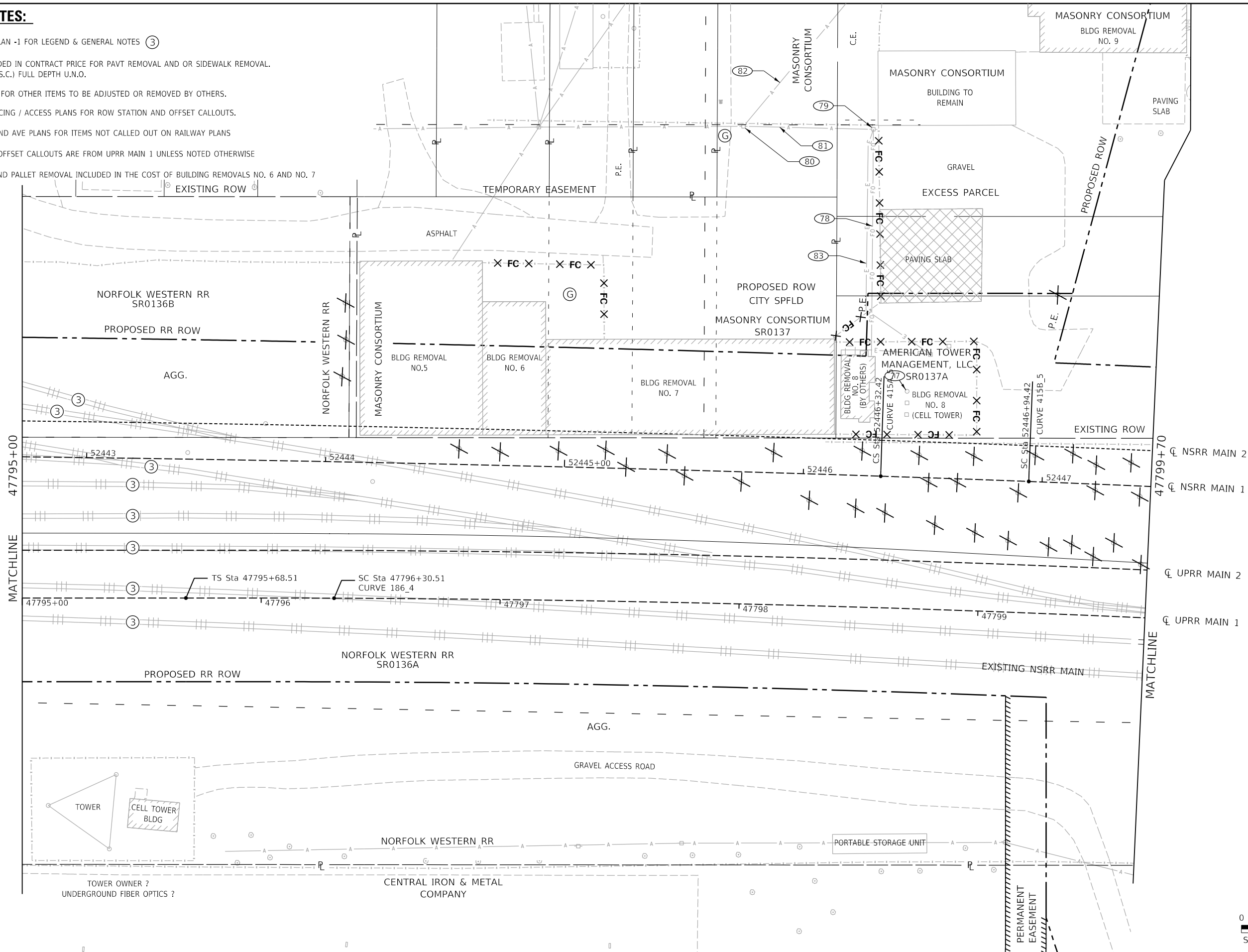
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
REMOVAL PLAN - TRACK - 7

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	80
	09L0179B		CONTRACT NO. 93747	
# 7985A & 8047	ILLINOIS	FED. AID PROJECT		

SHEET NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND & GENERAL NOTES (3)
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVT REMOVAL AND OR SIDEWALK 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) SEE SOUTH GRAND AVE PLANS FOR ITEMS NOT CALLED OUT ON RAILWAY PLANS
- (F) ALL STATION & OFFSET CALLOUTS ARE FROM UPRR MAIN 1 UNLESS NOTED OTHERWISE
- (G) BRICK, BLOCK AND PALLET REMOVAL INCLUDED IN THE COST OF BUILDING REMOVALS NO. 6 AND NO. 7



FINAL

MODEL: Sheet 8
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USER NAME = Pop00275	DESIGNED - CLG	REVISED -
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PLOT DATE = 1/18/2021	CHECKED - MNM/JAD	REVISED -
	DATE - 1/18/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	81
	09L0179B		CONTRACT NO. 93747	
# 7985A & 8048	ILLINOIS	FED. AID PROJECT		

MODEL: Sheet 9
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FINAL



USER NAME = Pop00275
 PLOT SCALE = 40.00' / in.
 PLOT DATE = 1/18/2021

DESIGNED - CLG
 DRAWN - CLG
 CHECKED - MNM/JAD
 DATE - 1/18/2021

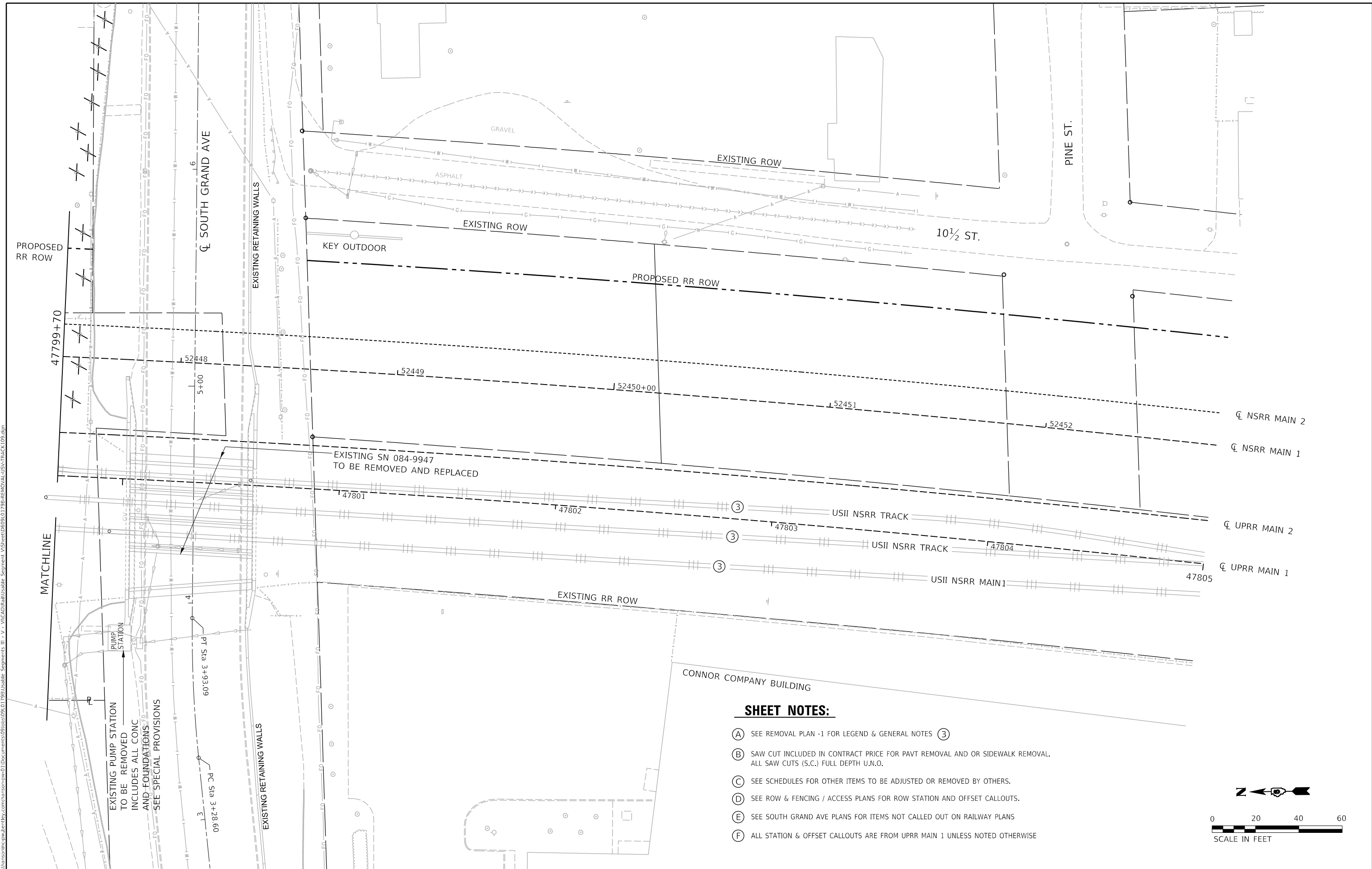
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

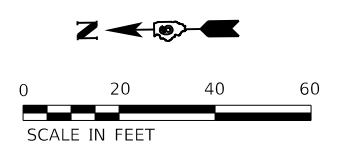
SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	82
09L0179B		CONTRACT NO. 93747		
# 7985A & 8049	ILLINOIS	FED. AID PROJECT		



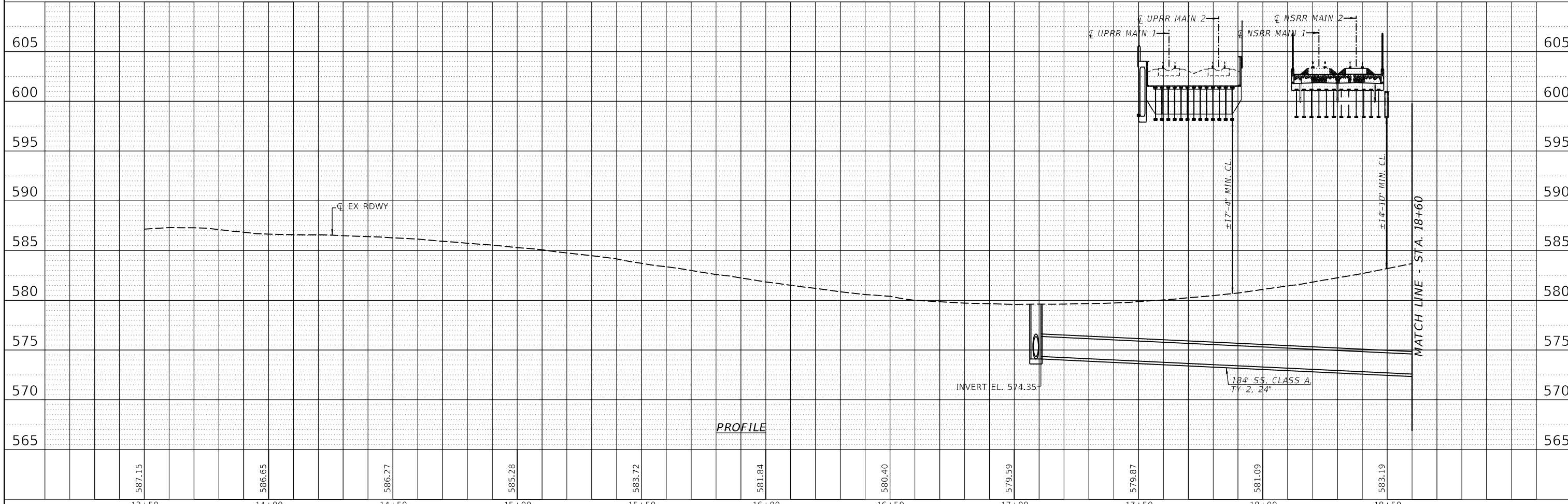
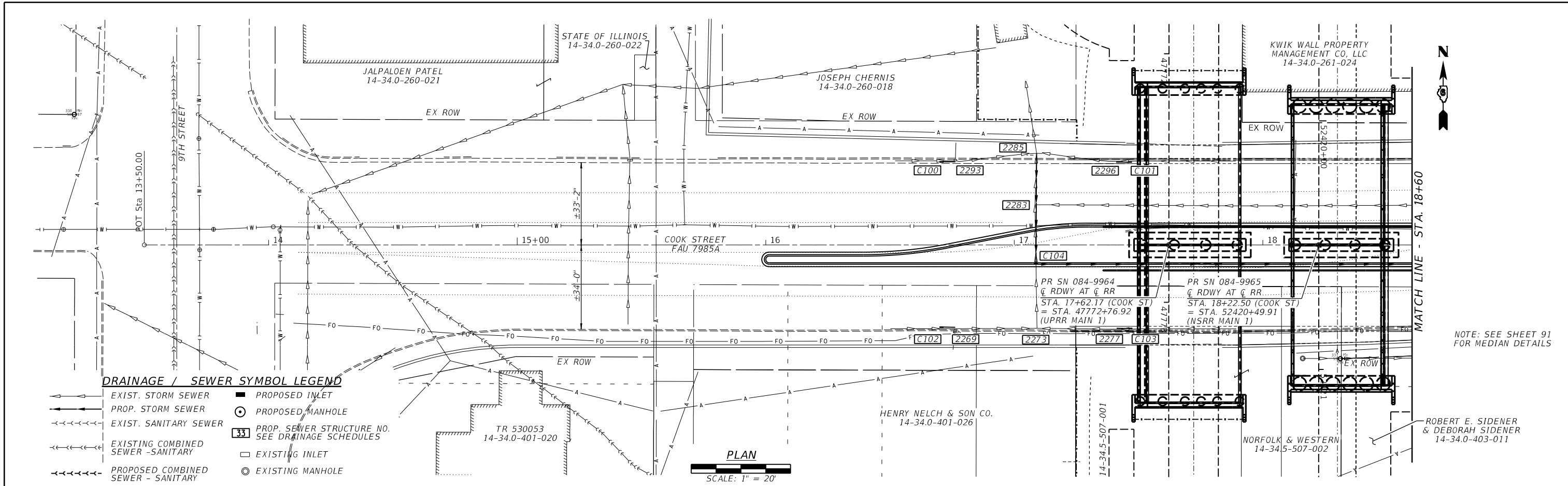
SHEET NOTES:

- (A) SEE REMOVAL PLAN -1 FOR LEGEND & GENERAL NOTES (3)
- (B) SAW CUT INCLUDED IN CONTRACT PRICE FOR PAVT REMOVAL AND OR SIDEWALK 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) SEE SOUTH GRAND AVE PLANS FOR ITEMS NOT CALLED OUT ON RAILWAY PLANS
- (F) ALL STATION & OFFSET CALLOUTS ARE FROM UPRR MAIN 1 UNLESS NOTED OTHERWISE



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

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



FINAL

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

USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/18/2021	CHECKED -	REVISED -
	DATE = 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

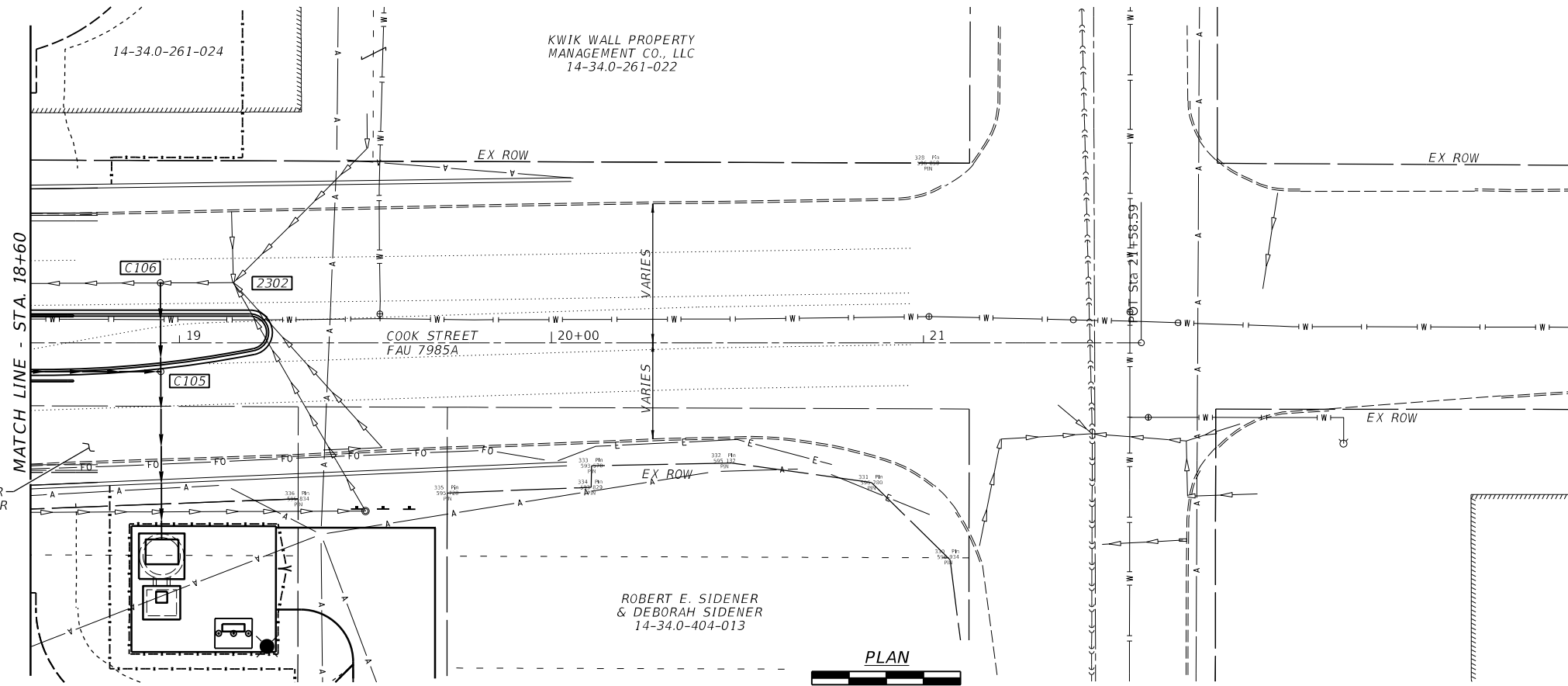
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN & PROFILE - COOK ST - 1

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 19-00488-00-BR	09L0179B	SANGAMON	347	83
* 7985A & 8050		ILLINOIS FED. AID PROJECT	CONTRACT NO. 93747	

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

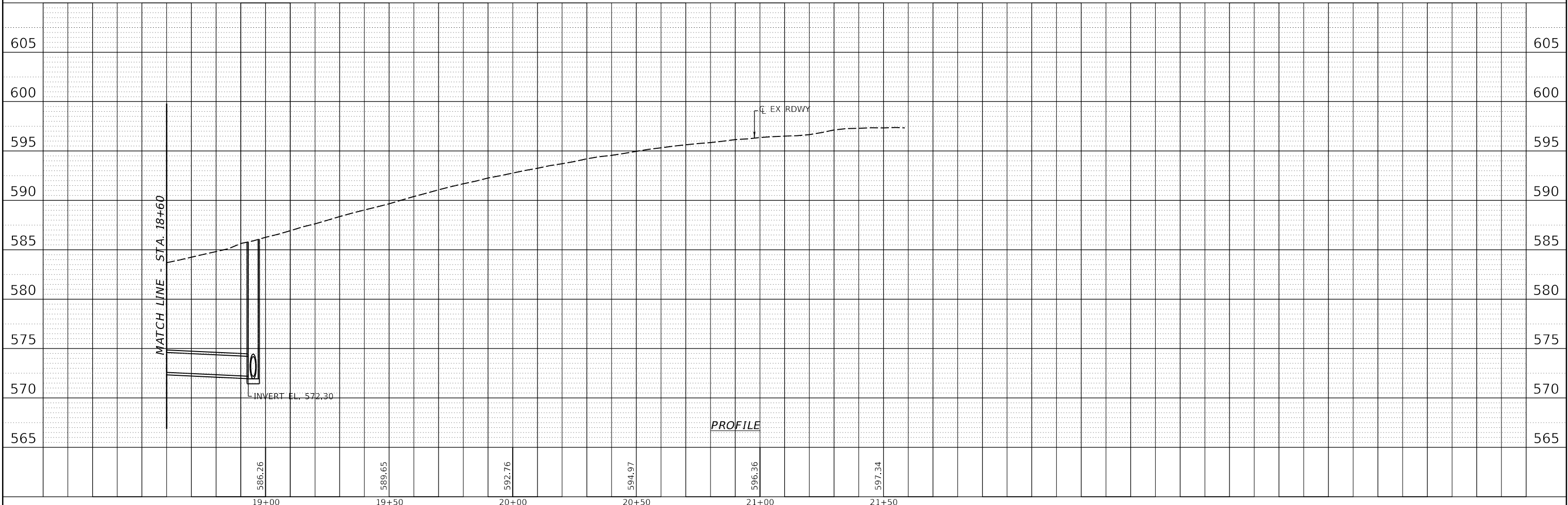
PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	



NOTE: SEE SHEET 91 FOR MEDIAN DETAILS

DRAINAGE / SEWER SYMBOL LEGEND

←←←←←	EXIST. STORM SEWER	■	PROPOSED INLET
→→→→→	PROP. STORM SEWER	⊙	PROPOSED MANHOLE
- - - - -	EXIST. SANITARY SEWER	33	PROP. SEWER STRUCTURE NO. SEE DRAINAGE SCHEDULES
⊘⊘⊘⊘⊘	EXISTING COMBINED SEWER - SANITARY	□	EXISTING INLET
⊘⊘⊘⊘⊘	PROPOSED COMBINED SEWER - SANITARY	⊙	EXISTING MANHOLE



FINAL



USER NAME = Pop00275	DESIGNED -	REVISED -
PLLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLLOT DATE = 1/18/2021	CHECKED -	REVISED -
	DATE = 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET 2 OF 2 SHEETS		STA.	TO STA.
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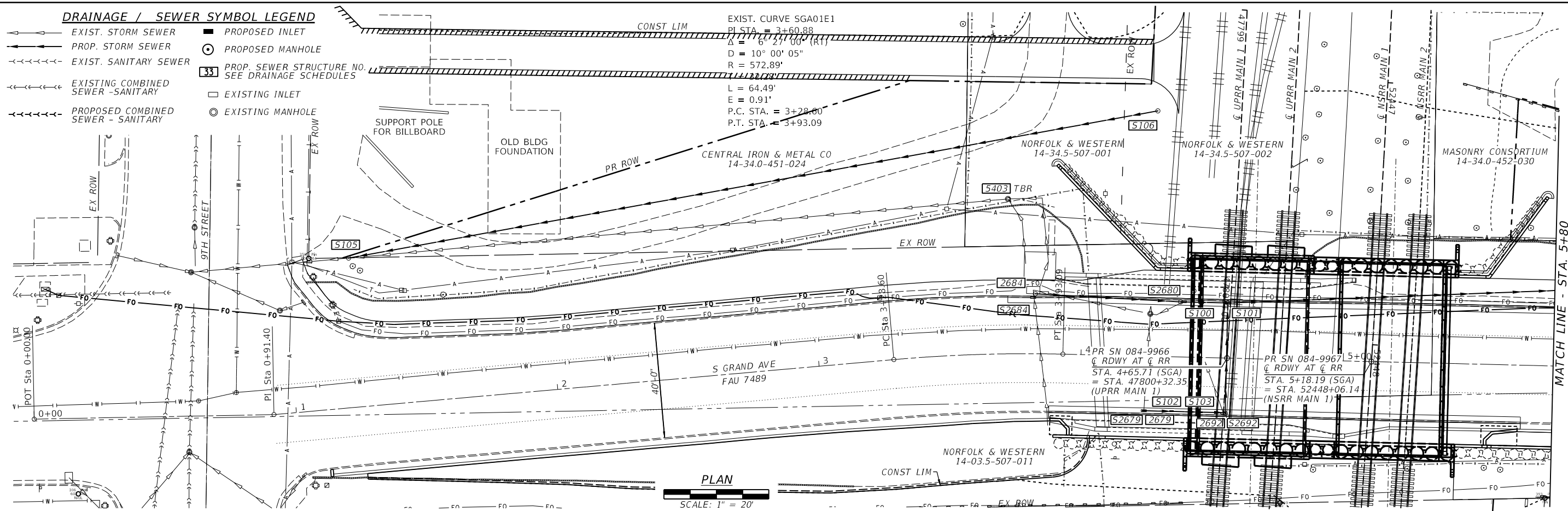
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN & PROFILE - COOK ST - 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	84
09L0179B		CONTRACT NO.	93747	
* 7985A & 8051		ILLINOIS FED. AID PROJECT		

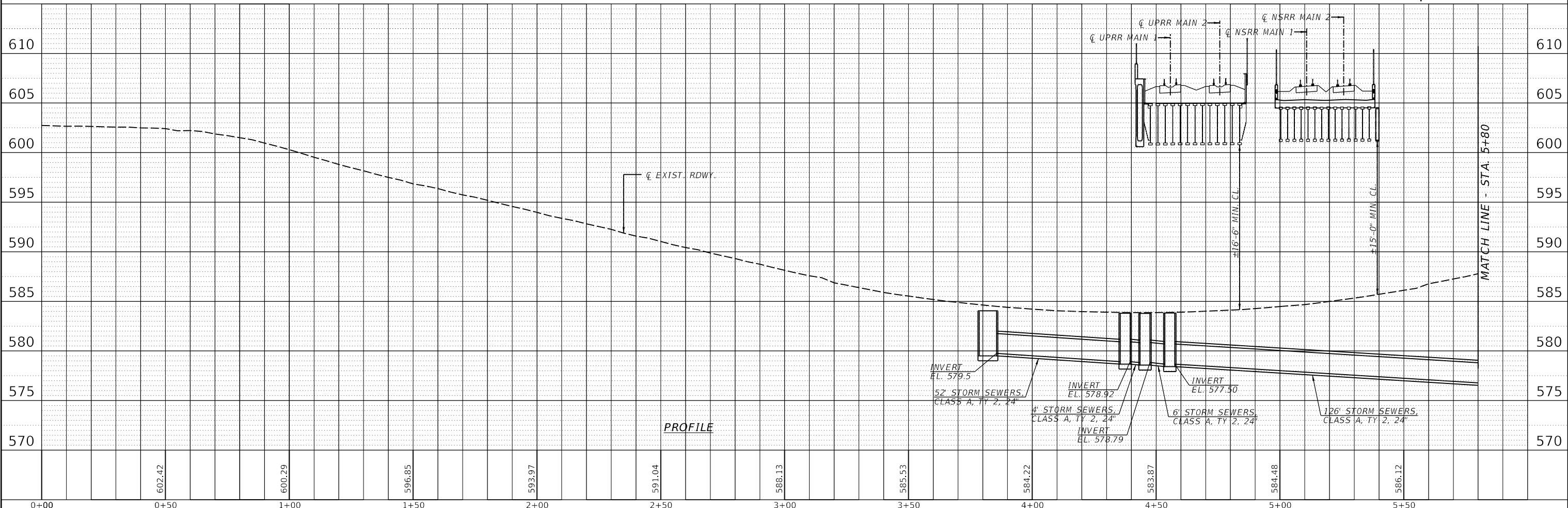
DRAINAGE / SEWER SYMBOL LEGEND

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

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



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



FINAL



USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/18/2021	CHECKED -	REVISED -
	DATE = 1/18/2021	REVISED -

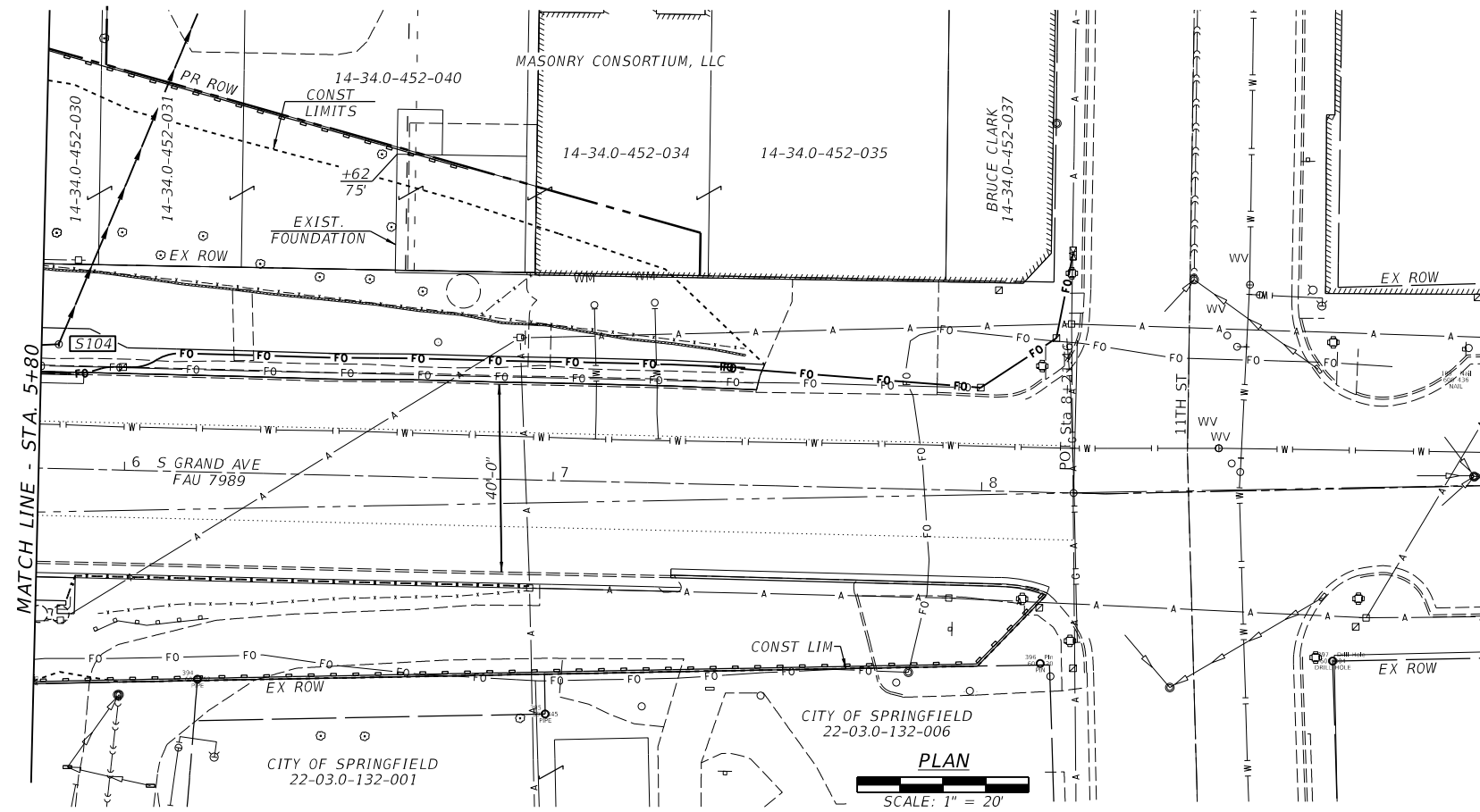
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN & PROFILE - SOUTH GRAND AVE - 1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	85
	091.0179B	CONTRACT NO.	93747	
* 7985A & 8052 ILLINOIS FED. AID PROJECT				

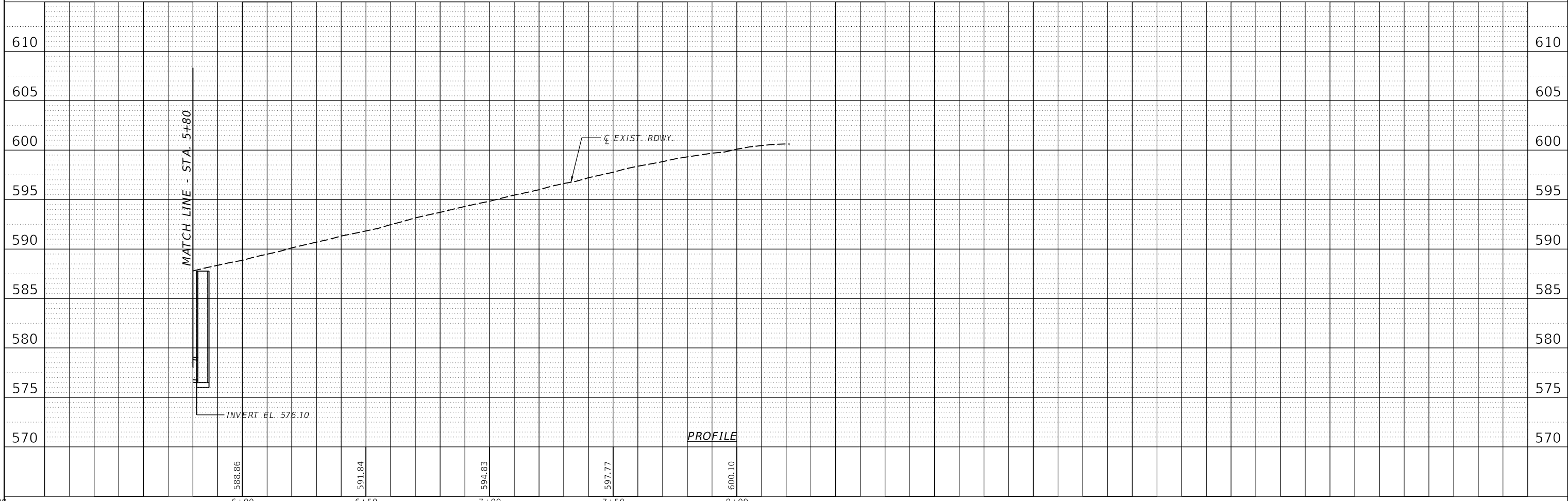
PLAN	SUBMITTED	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNMENT CHECKED	
	CARD FILE NAME	



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

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



FINAL



USER NAME = Pop00275	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/18/2021	CHECKED -	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

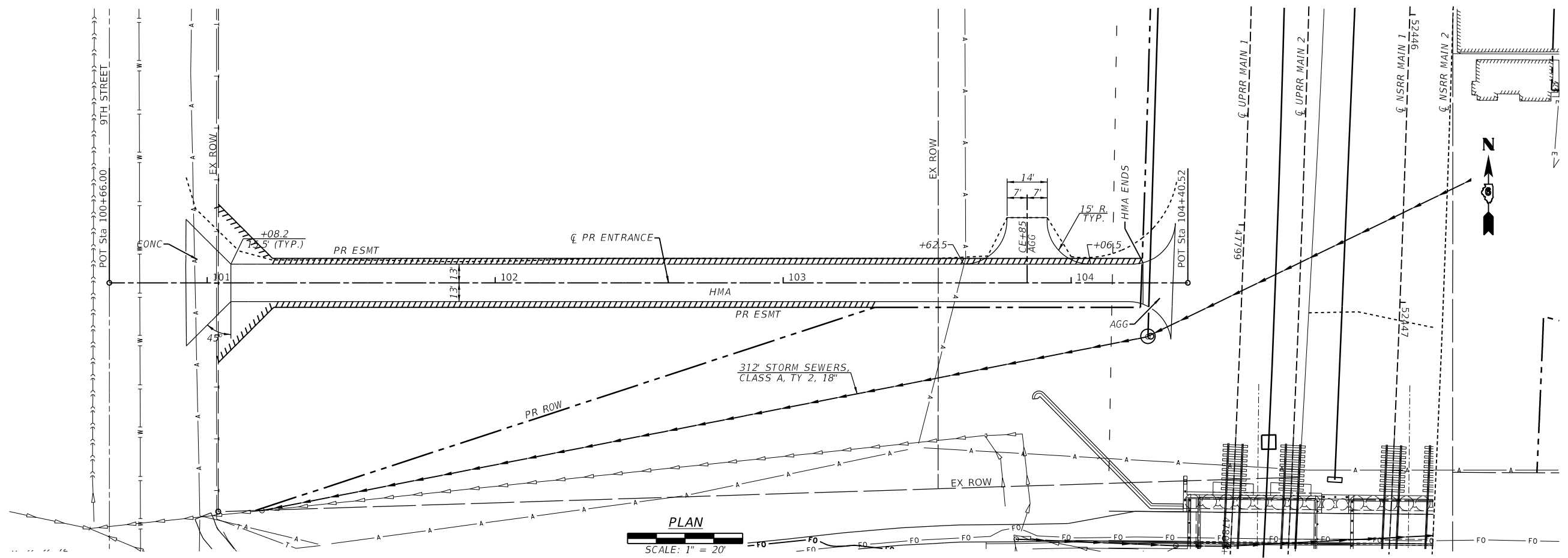
SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.
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SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN & PROFILE - SOUTH GRAND AVE - 2

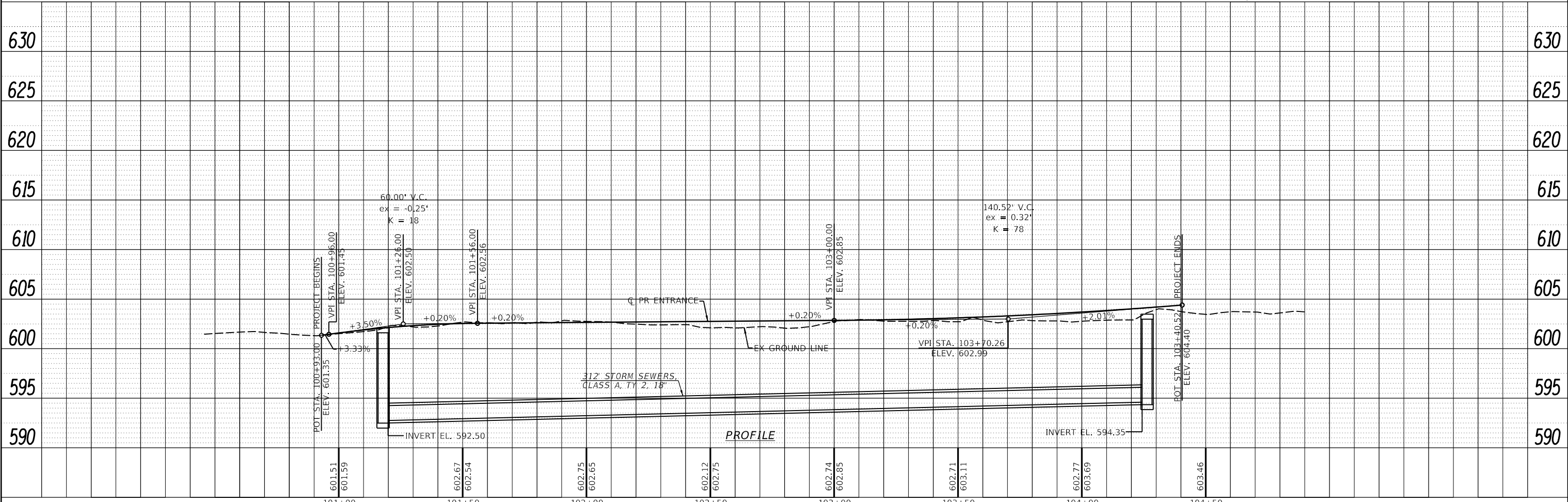
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	86
	09L0179B	CONTRACT NO.	93747	
* 7985A & 8053		ILLINOIS FED. AID PROJECT		

PLAN	SUBMITTED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	DESIGNED		
	FILE NAME		
	NO.		

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



PLAN
SCALE: 1" = 20'



FINAL



USER NAME = Pop00275
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE - 1/18/2021

DESIGNED -
 REVISED -
 CHECKED -
 DATE - 1/18/2021

REVISED -
 REVISED -
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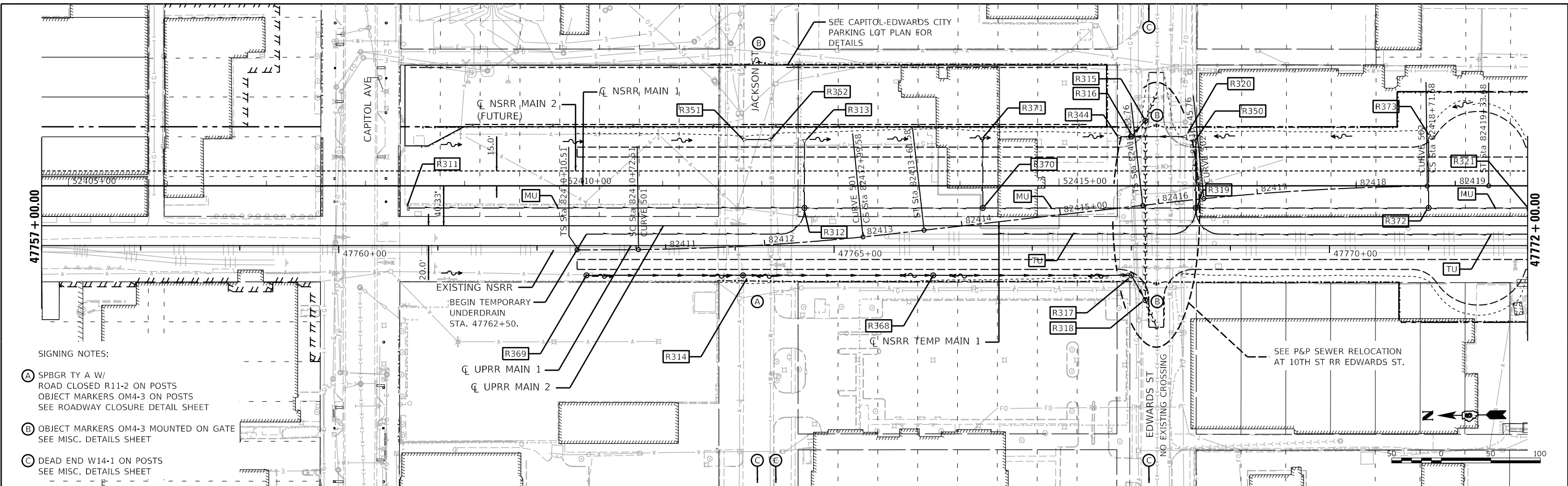
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 PLAN & PROFILE - 9TH ST ENTRANCE

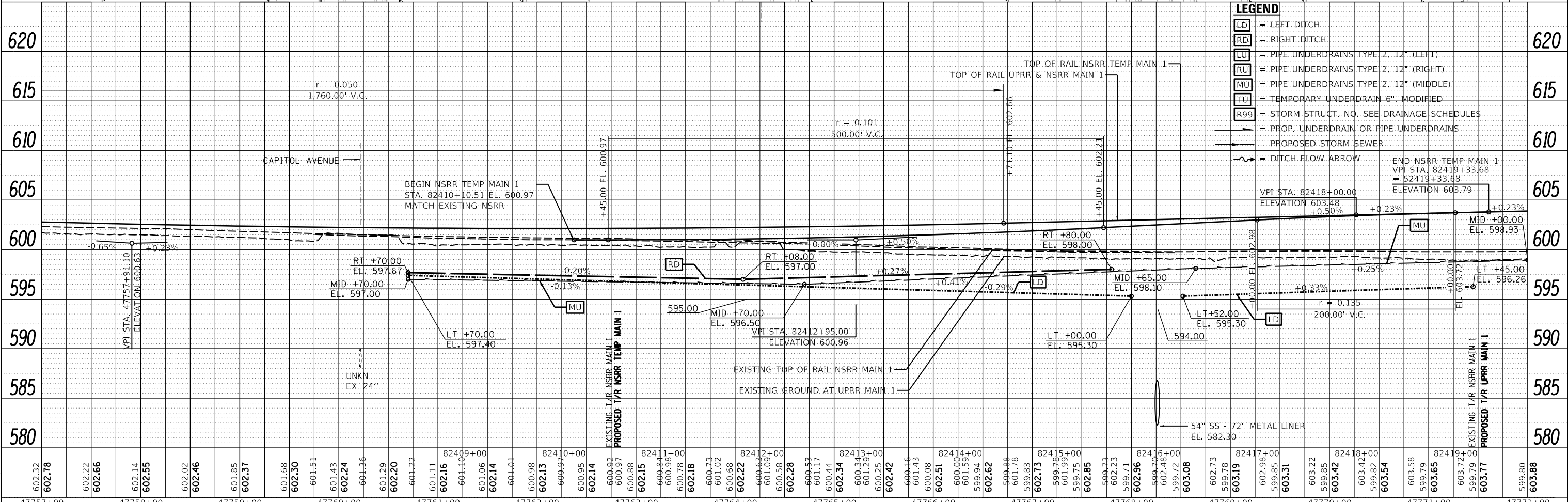
SCALE: SHEET 11 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	87
	09L0179B	CONTRACT NO.	9374	
* 7985A & 8054		ILLINOIS FED. AID PROJECT		

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- SIGNING NOTES:**
- (A) SPBGR TY A W/ ROAD CLOSED R11-2 ON POSTS
OBJECT MARKERS OM4-3 ON POSTS
SEE ROADWAY CLOSURE DETAIL SHEET
 - (B) OBJECT MARKERS OM4-3 MOUNTED ON GATE
SEE MISC. DETAILS SHEET
 - (C) DEAD END W14-1 ON POSTS
SEE MISC. DETAILS SHEET



LEGEND

- [LD] = LEFT DITCH
- [RD] = RIGHT DITCH
- [LU] = PIPE UNDERDRAINS TYPE 2, 12" (LEFT)
- [RU] = PIPE UNDERDRAINS TYPE 2, 12" (RIGHT)
- [MU] = PIPE UNDERDRAINS TYPE 2, 12" (MIDDLE)
- [TU] = TEMPORARY UNDERDRAIN 6", MODIFIED
- [R99] = STORM STRUCT. NO. SEE DRAINAGE SCHEDULES
- [Arrow] = PROP. UNDERDRAIN OR PIPE UNDERDRAINS
- [Arrow] = PROPOSED STORM SEWER
- [Wavy Arrow] = DITCH FLOW ARROW

END NSRR TEMP MAIN 1
 VPI STA. 82419+33.68
 ELEVATION 603.79

VPI STA. 82418+00.00
 ELEVATION 603.88
 +0.50% +0.23%

MID +00.00
 EL. 598.93

RT +80.00
 EL. 598.00

RT +08.00
 EL. 597.00

MID +70.00
 EL. 596.50

VPI STA. 82412+95.00
 ELEVATION 600.96

LT +00.00
 EL. 595.30

MID +65.00
 EL. 598.10

LT +52.00
 EL. 595.30

594.00

r = 0.135
 200.00' V.C.

54" SS - 72" METAL LINER
 EL. 582.30

EXISTING T/R NSRR MAIN 1
 PROPOSED T/R UPRR MAIN 1

47757+00	47758+00	47759+00	47760+00	47761+00	47762+00	47763+00	47764+00	47765+00	47766+00	47767+00	47768+00	47769+00	47770+00	47771+00	47772+00
602.32	602.78	602.22	602.66	602.14	602.55	602.02	602.46	601.85	602.37	601.68	602.30	601.51	601.43	602.24	601.36
601.29	602.20	601.22	601.11	602.16	601.10	601.06	602.14	601.01	600.98	602.13	600.97	600.95	602.14	600.92	600.97
600.88	602.15	600.84	600.98	600.78	602.18	600.73	601.02	600.68	602.22	600.63	601.09	600.58	602.28	600.53	601.17
600.44	602.34	600.34	601.29	600.25	602.42	600.16	601.43	600.08	602.51	600.00	601.59	599.94	602.62	599.88	601.78
599.83	602.73	599.78	599.75	599.75	602.85	599.73	602.23	599.71	602.96	599.70	602.48	599.72	603.08	602.73	599.85
603.19	602.98	599.85	603.31	603.22	599.85	603.42	603.42	599.82	603.54	603.58	599.79	603.65	603.72	599.79	603.77
599.80	603.88														

FINAL



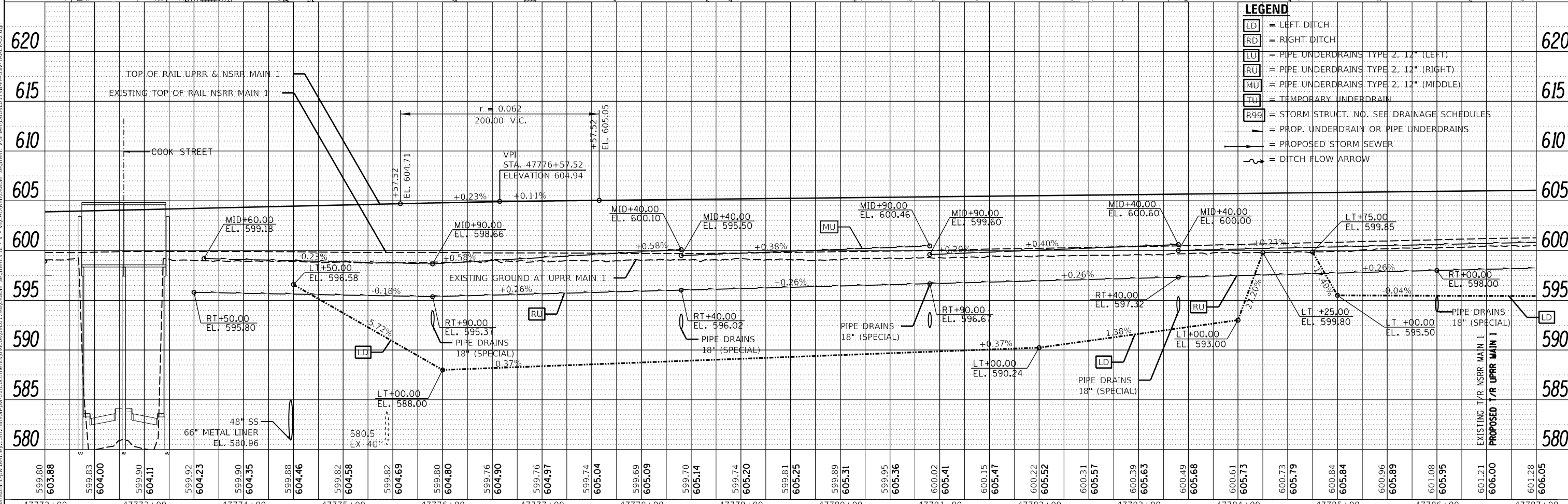
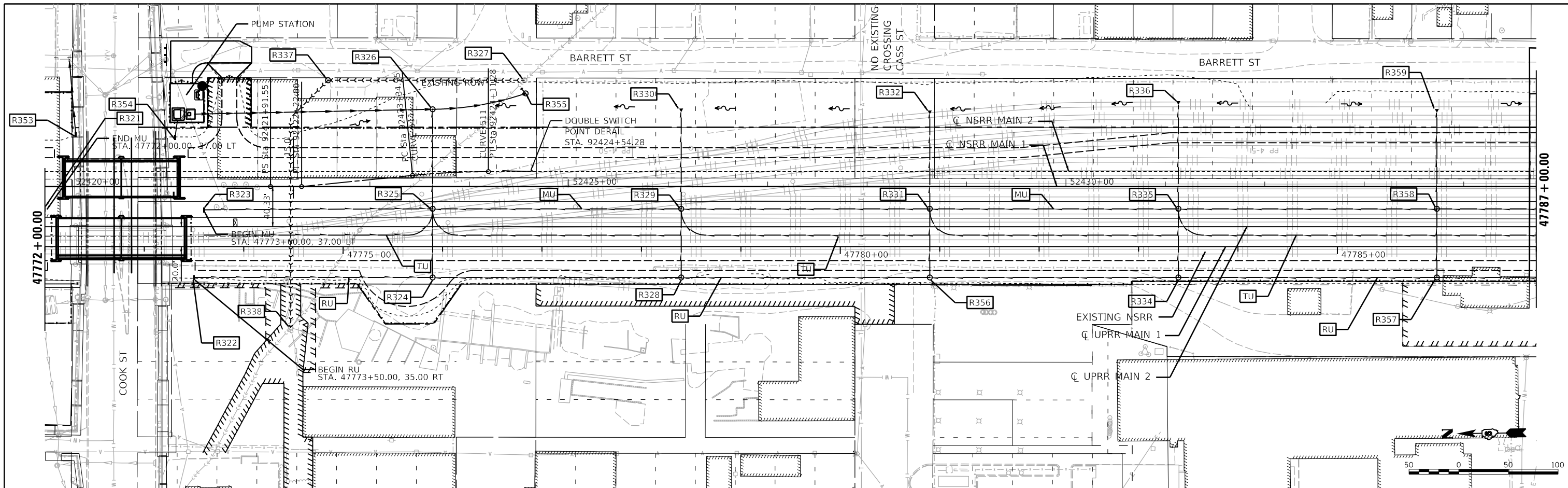
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	DATE - 1/18/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00488-00-BR	SANGAMON	347	88
	09L0179B	CONTRACT NO.	93747	
	7985A & 8055	ILLINOIS FED. AID PROJECT		



LEGEND

- [LD] = LEFT DITCH
- [RD] = RIGHT DITCH
- [LU] = PIPE UNDERDRAINS TYPE 2, 12" (LEFT)
- [RU] = PIPE UNDERDRAINS TYPE 2, 12" (RIGHT)
- [MU] = PIPE UNDERDRAINS TYPE 2, 12" (MIDDLE)
- [TU] = TEMPORARY UNDERDRAIN
- [R99] = STORM STRUCT. NO. SEE DRAINAGE SCHEDULES
- [Symbol] = PROP. UNDERDRAIN OR PIPE UNDERDRAINS
- [Symbol] = PROPOSED STORM SEWER
- [Symbol] = DITCH FLOW ARROW

599.80	603.88	599.83	604.00	599.90	604.11	599.92	604.23	599.90	604.35	599.88	604.46	599.82	604.58	599.82	604.69	599.80	604.80	599.76	604.90	599.76	604.97	599.74	605.04	599.69	605.09	599.70	605.14	599.74	605.20	599.81	605.25	599.89	605.31	599.95	605.36	600.02	605.41	600.15	605.47	600.22	605.52	600.31	605.57	600.39	605.63	600.49	605.68	600.61	605.73	600.73	605.79	600.84	605.84	600.96	605.89	601.08	605.95	601.21	606.00	601.28	606.05																																																																			
47772+00	47773+00	47774+00	47775+00	47776+00	47777+00	47778+00	47779+00	47780+00	47781+00	47782+00	47783+00	47784+00	47785+00	47786+00	47787+00	47788+00	47789+00	47790+00	47791+00	47792+00	47793+00	47794+00	47795+00	47796+00	47797+00	47798+00	47799+00	47800+00	47801+00	47802+00	47803+00	47804+00	47805+00	47806+00	47807+00	47808+00	47809+00	47810+00	47811+00	47812+00	47813+00	47814+00	47815+00	47816+00	47817+00	47818+00	47819+00	47820+00	47821+00	47822+00	47823+00	47824+00	47825+00	47826+00	47827+00	47828+00	47829+00	47830+00	47831+00	47832+00	47833+00	47834+00	47835+00	47836+00	47837+00	47838+00	47839+00	47840+00	47841+00	47842+00	47843+00	47844+00	47845+00	47846+00	47847+00	47848+00	47849+00	47850+00	47851+00	47852+00	47853+00	47854+00	47855+00	47856+00	47857+00	47858+00	47859+00	47860+00	47861+00	47862+00	47863+00	47864+00	47865+00	47866+00	47867+00	47868+00	47869+00	47870+00	47871+00	47872+00	47873+00	47874+00	47875+00	47876+00	47877+00	47878+00	47879+00	47880+00	47881+00	47882+00	47883+00	47884+00	47885+00	47886+00	47887+00	47888+00	47889+00	47890+00	47891+00	47892+00	47893+00	47894+00	47895+00	47896+00	47897+00	47898+00	47899+00	47900+00

FINAL

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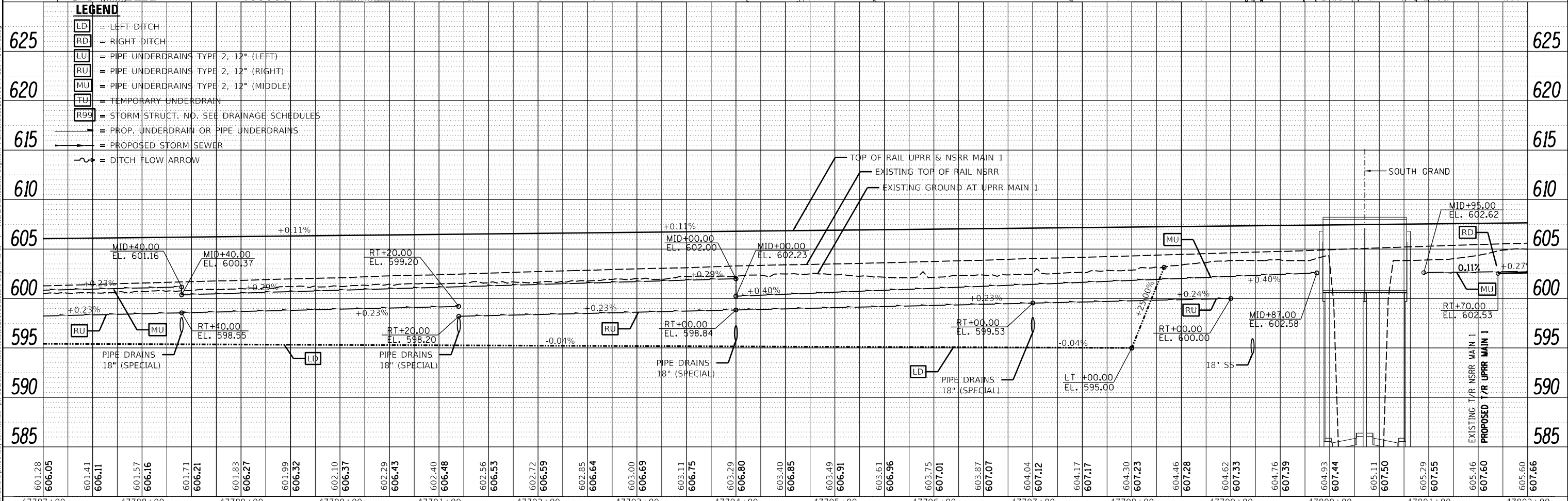
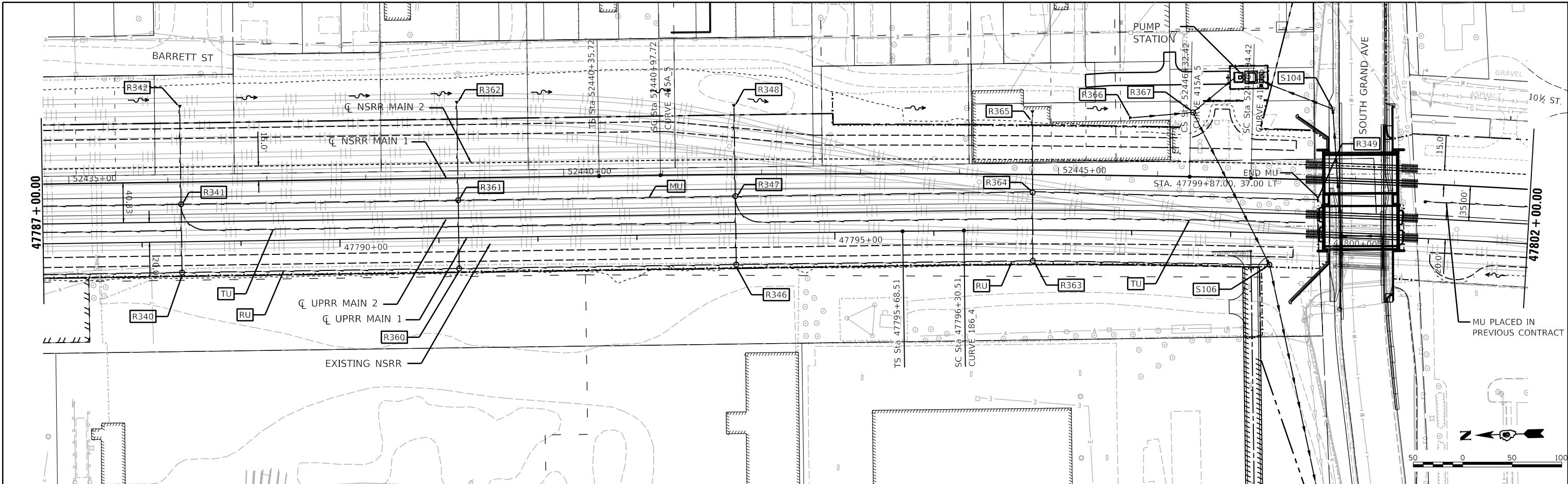
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PLOT DATE = 1/18/2021	CHECKED - GCN	REVISED -
	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS
19-00488-00-BR	SANGAMON	347	89
09L0179B	CONTRACT NO.	93747	
7985A & 8056	ILLINOIS	FED. AID PROJECT	

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



LEGEND

- LD = LEFT DITCH
- RD = RIGHT DITCH
- LU = PIPE UNDERDRAINS TYPE 2, 12" (LEFT)
- RU = PIPE UNDERDRAINS TYPE 2, 12" (RIGHT)
- MU = PIPE UNDERDRAINS TYPE 2, 12" (MIDDLE)
- TU = TEMPORARY UNDERDRAIN
- R99 = STORM STRUCT. NO. SEE DRAINAGE SCHEDULES
- = PROP. UNDERDRAIN OR PIPE UNDERDRAINS
- = PROPOSED STORM SEWER
- = DITCH FLOW ARROW

FINAL

MODEL Sheet 3
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HANSON
 © Copyright Hanson Professional Services Inc. 2021

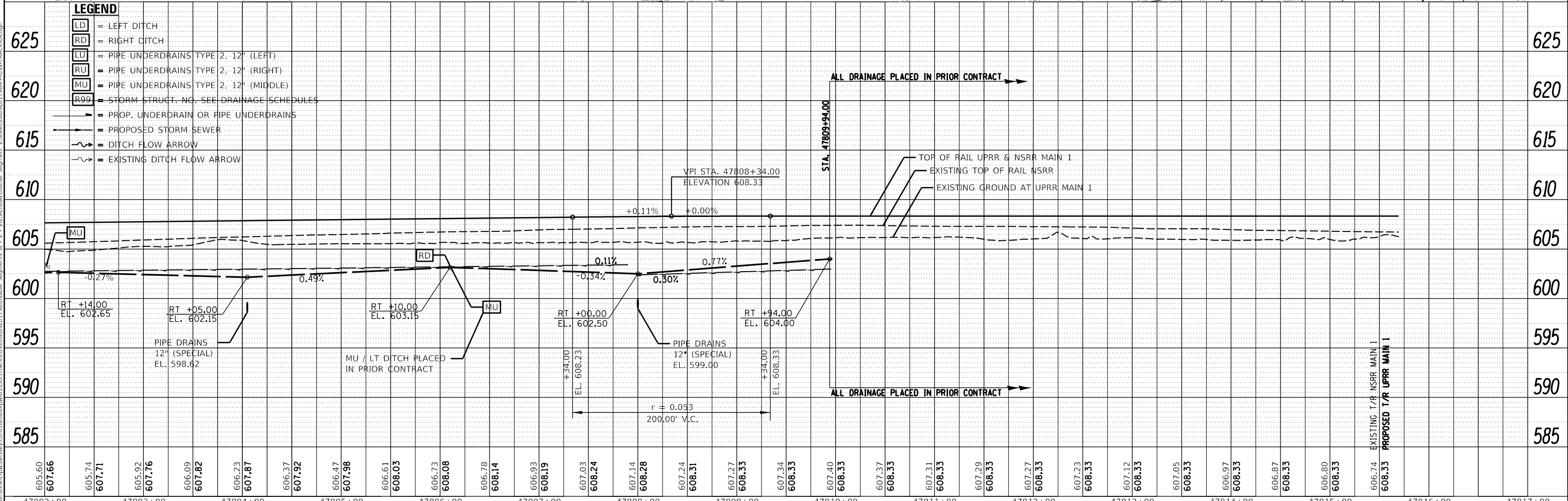
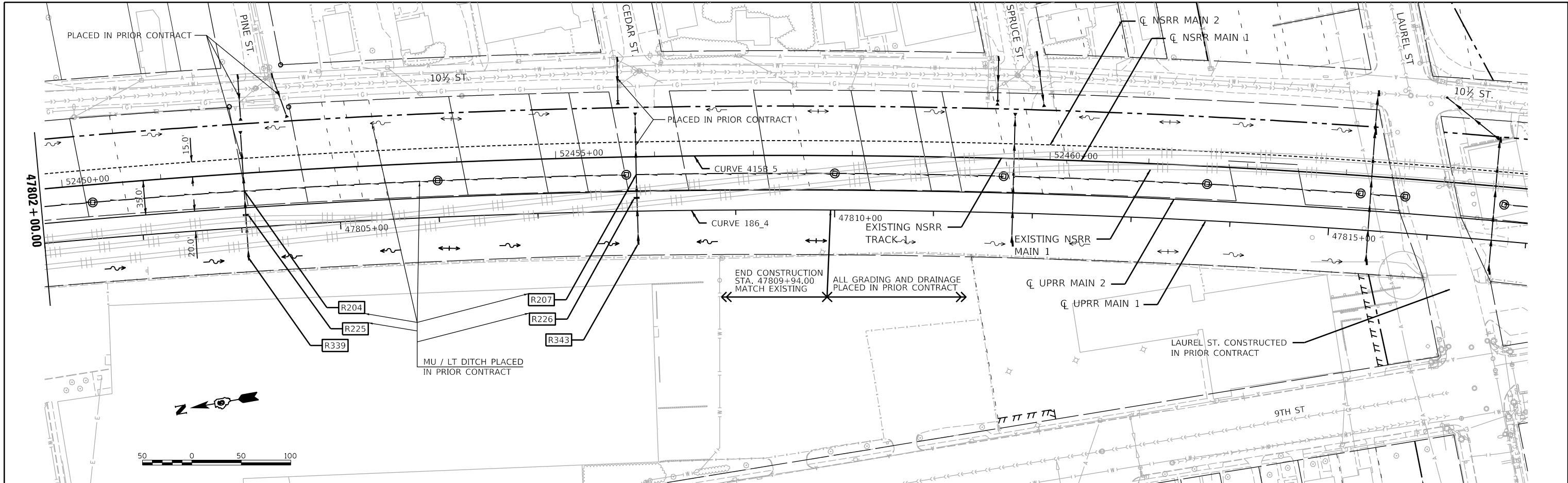
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	DATE - 1/18/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 PLAN AND PROFILE - TRACK - 3**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 7985A & 8057	19-00488-00-BR	SANGAMON	347	90
	09L0179B	SANGAMON	347	90
			CONTRACT NO.	93747



LEGEND

- LD = LEFT DITCH
- RD = RIGHT DITCH
- LU = PIPE UNDERDRAINS TYPE 2, 12" (LEFT)
- RU = PIPE UNDERDRAINS TYPE 2, 12" (RIGHT)
- MU = PIPE UNDERDRAINS TYPE 2, 12" (MIDDLE)
- R00 = STORM STRUCT. NO. SEE DRAINAGE SCHEDULES
- = PROP. UNDERDRAIN OR PIPE UNDERDRAINS
- = PROPOSED STORM SEWER
- = DITCH FLOW ARROW
- = EXISTING DITCH FLOW ARROW

FINAL

MODEL Sheet 4
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HANSON
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

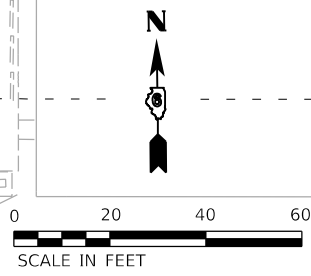
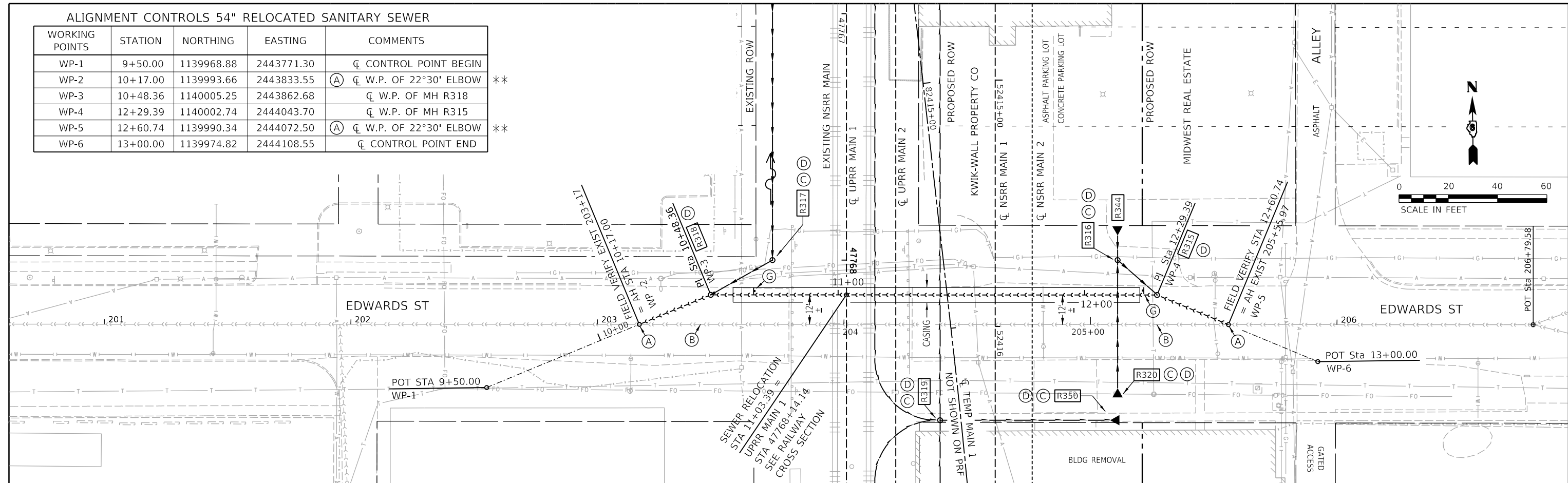
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 PLAN AND PROFILE - TRACK - 4**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	19-00488-00-BR	SANGAMON	347 91
09L0179B		CONTRACT NO.	93747
* 7985A & 8058		ILLINOIS FED. AID PROJECT	

ALIGNMENT CONTROLS 54" RELOCATED SANITARY SEWER

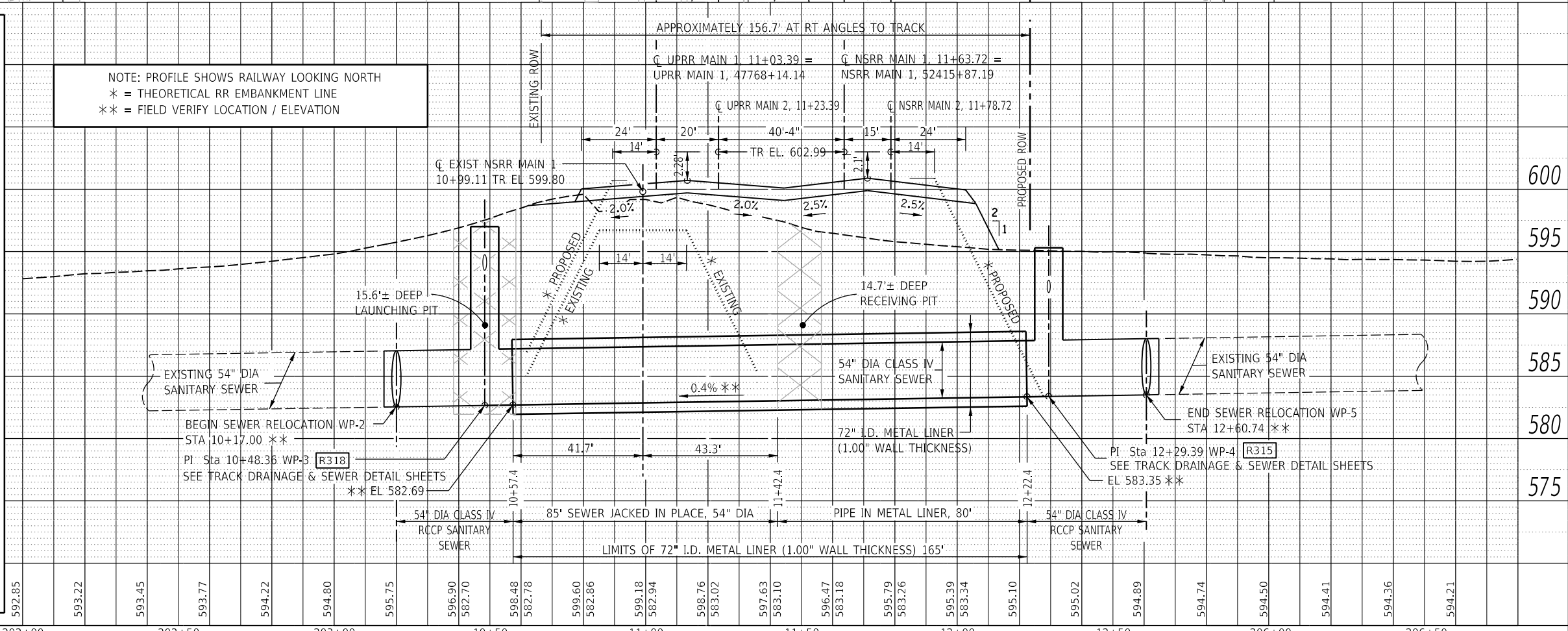
WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	9+50.00	1139968.88	2443771.30	CL CONTROL POINT BEGIN
WP-2	10+17.00	1139993.66	2443833.55	(A) CL W.P. OF 22°30' ELBOW **
WP-3	10+48.36	1140005.25	2443862.68	CL W.P. OF MH R318
WP-4	12+29.39	1140002.74	2444043.70	CL W.P. OF MH R315
WP-5	12+60.74	1139990.34	2444072.50	(A) CL W.P. OF 22°30' ELBOW **
WP-6	13+00.00	1139974.82	2444108.55	CL CONTROL POINT END



NOTES

- (A) PIPE ELBOW COST INCLUDED IN 54" Ø SEWER
- (B) FILL ABANDONED BRICK SEWER WITH CLSM UPON COMPLETION OF SEWER RELOCATION.
- (C) DRAINAGE STRUCTURES NOT SHOWN IN PROFILE
- (D) SEE TRACK DRAINAGE & SEWER DETAIL SHEETS FOR LAYOUT SCHEMATIC OF SEWERS ALONG EDWARDS STREET
- (E) CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECIFICATIONS.
- (F) 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.
- (G) PIPELINE MARKER SIGN
NOTE : COST INCLUDED WITH 54" DIAMETER SANITARY SEWER
- (H) THE 54" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED DURING STAGE 1, PRIOR TO TRACK CONSTRUCTION.
- (I) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
- (K) SOIL SUPPORT FOR LAUNCHING AND RECEIVING PITS SHALL BE DESIGNED FOR RAILROAD / HIGHWAY LOADING.

NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
 * = THEORETICAL RR EMBANKMENT LINE
 ** = FIELD VERIFY LOCATION / ELEVATION



FINAL

MODEL SHEET 1
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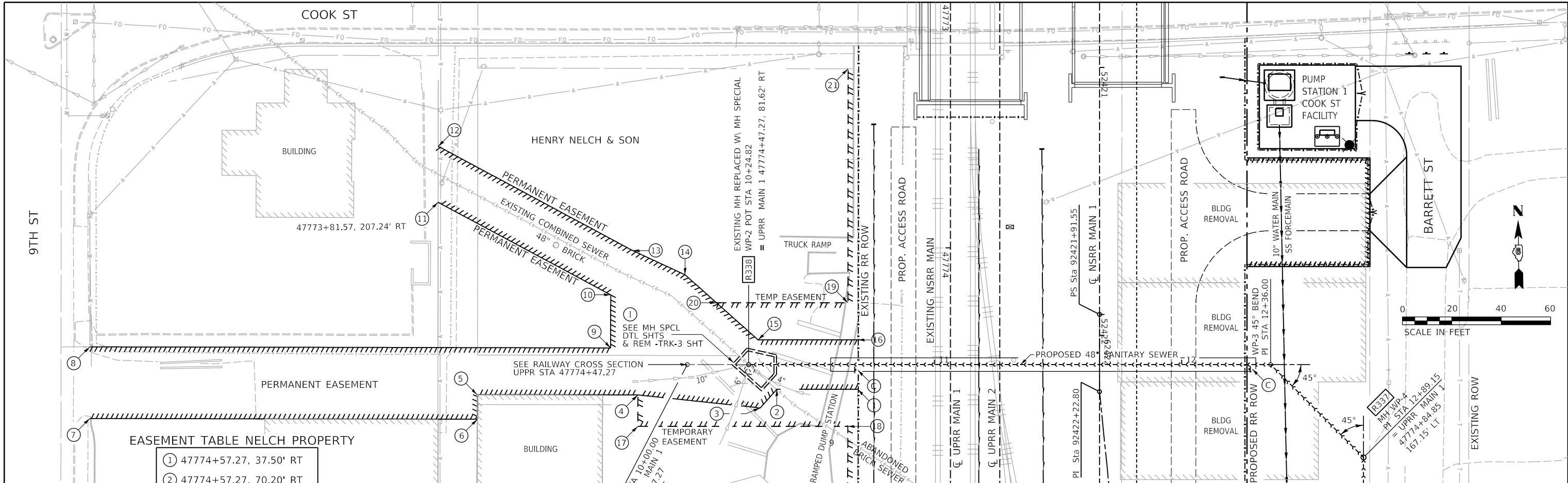
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	DATE - 1/18/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 P&P SEWER RELOCATION AT RR - EDWARDS ST

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	93
	09L0179B	CONTRACT NO.	93747	
# 7985A & 8060	ILLINOIS	FED. AID PROJECT		

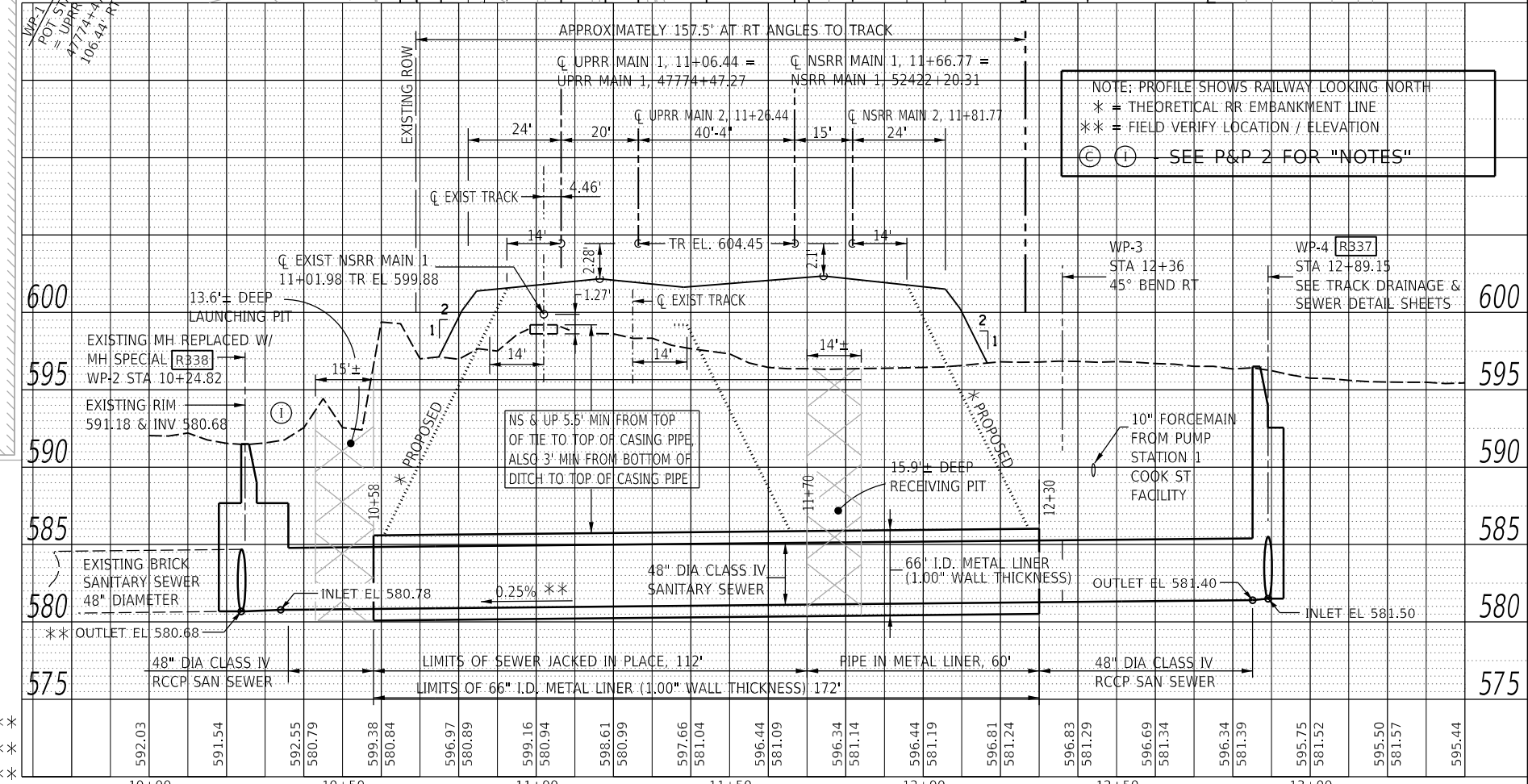


EASEMENT TABLE NELCH PROPERTY

1	47774+57.27, 37.50' RT
2	47774+57.27, 70.20' RT
3	47774+64.81, 76.93' RT
4	47774+59.54, 126.41' RT
5	47774+59.41, 191.32' RT
6	47774+69.41, 191.33' RT
7	47774+69.09, 348.15' RT
8	47774+40.09, 348.13' RT
9	47774+40.52, 137.46' RT
10	47774+19.04, 137.41' RT
11	47773+81.57, 207.24' RT
12	47773+58.88, 207.21' RT
13	47774+01.14, 128.48' RT
14	47774+10.89, 107.37' RT
15	47774+37.27, 77.77' RT
16	47774+37.27, 37.48' RT
17	47774+72.27, 126.44' RT
18	47774+72.27, 41.51' RT
19	47774+22.27, 41.46' RT
20	47774+22.27, 94.60' RT
21	47773+27.54, 41.37' RT

ALIGNMENT CONTROLS 48" RELOCATED SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	10+00	1139372.857	2443802.705	CL CONTROL POINT BEGIN
WP-2	10+24.82	1139372.521	2443827.521	W.P. MH SPECIAL R338
WP-3	12+36	1139369.660	2444038.683	CL W.P. OF 45°00' BEND RT
WP-4	12+89.15	1139331.569	2444075.756	CL W.P. 8' DIA MH R337



NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
 * = THEORETICAL RR EMBANKMENT LINE
 ** = FIELD VERIFY LOCATION / ELEVATION
 (C) (I) SEE P&P 2 FOR "NOTES"

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 P&P SEWER RELOCATION AT RR / SOUTH OF COOK ST- 1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00488-00-BR	SANGAMON	347	94
	0910179B		CONTRACT NO.	93747

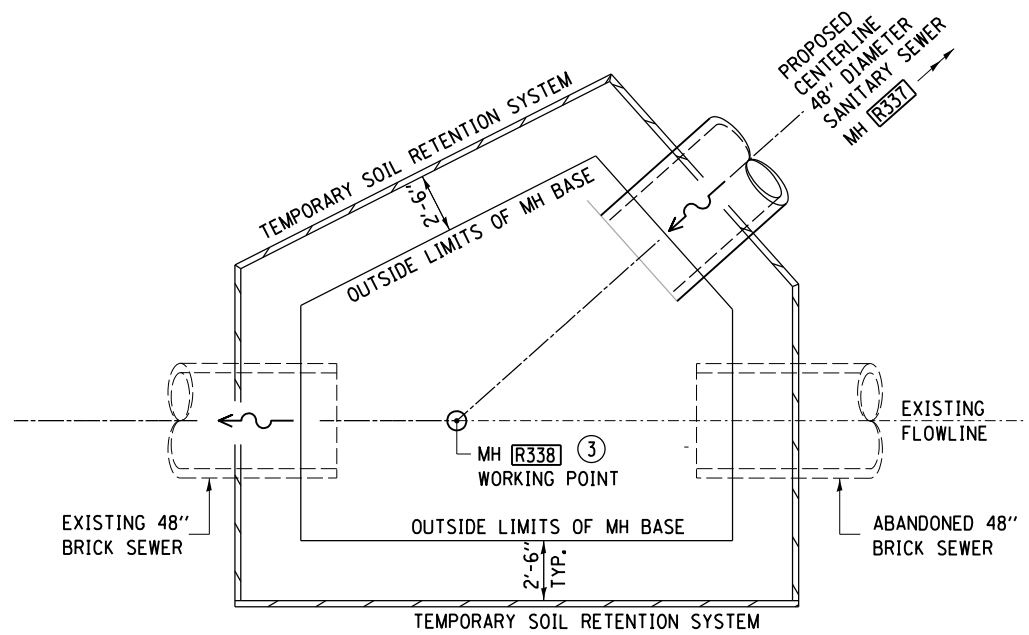
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

FINAL



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 Copyright Hanson Professional Services Inc. 2021

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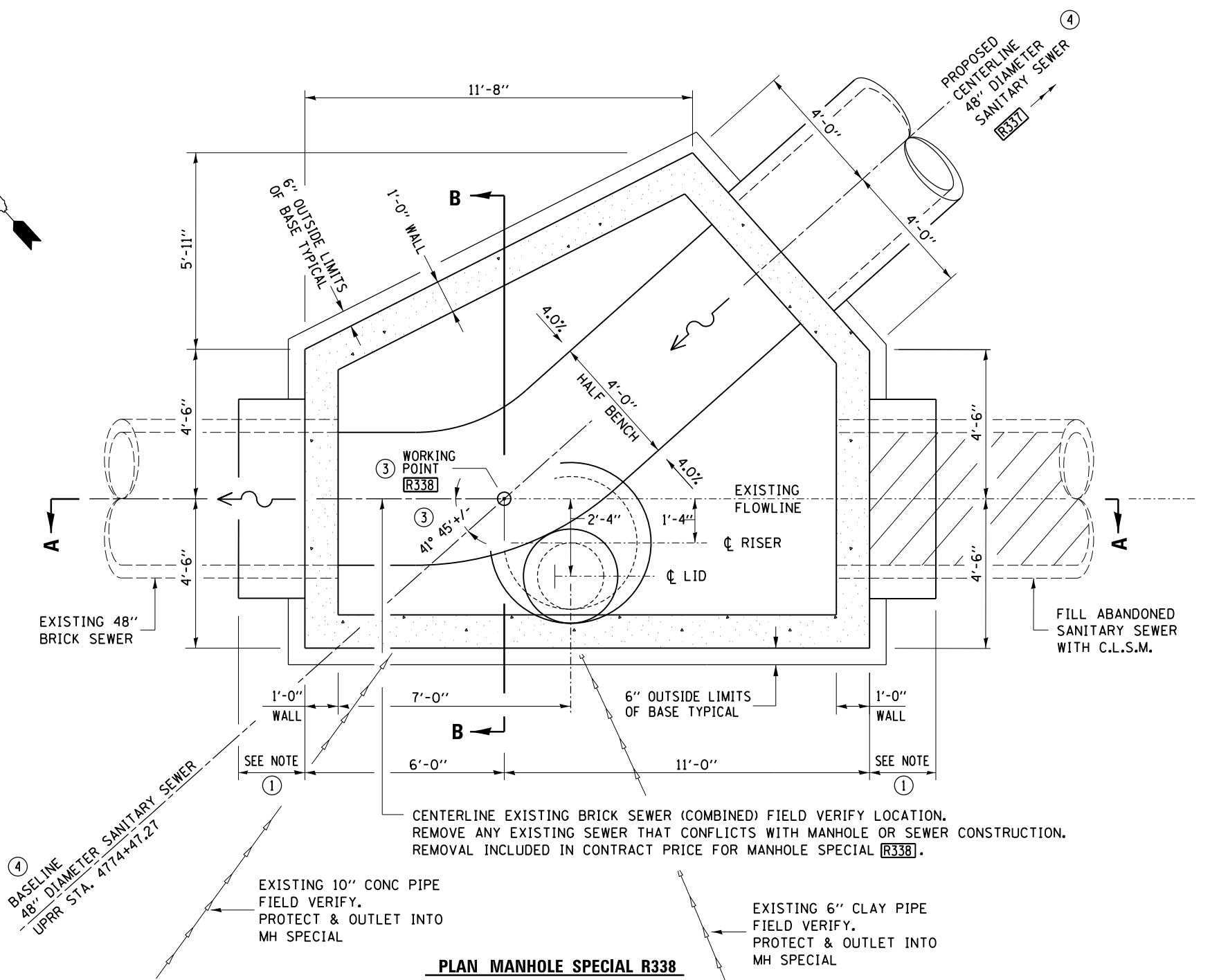
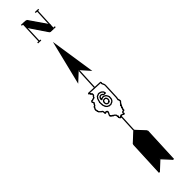
PLAN MANHOLE SPECIAL R338

THE CONTRACTOR SHALL SUBMIT A TEMPORARY SOIL RETENTION SYSTEM DESIGN INCLUDING PLAN DETAILS AND CALCULATIONS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER.

SANITARY SEWER CONSTRUCTION PHASING

48" DIAMETER SEWER RELOCATION AT RR / SOUTH COOK ST

- PHASE 1 - CONSTRUCT SEWER UNDER RAILWAY ROW, JACKED IN PLACE, PIPE IN METAL LINER AND THE PORTIONS OF THE 48" SEWER THROUGH THE CONSTRUCTION OF MANHOLE R337.
- PHASE 2 - CONSTRUCT MANHOLE SPECIAL R338 WHILE MAINTAINING FLOW IN EXISTING SEWER.
- PHASE 3 - CONSTRUCT MANHOLE R327 WHILE MAINTAINING FLOW IN EXISTING SEWER. FINISH EXTENDING 48" SEWER FROM MANHOLE R327 TO R337.
- PHASE 4 - FINISH BOTH MANHOLE R327 & R338 CONNECTIONS. PLUG EXISTING 48" WEST OUTLET PIPE AT MANHOLE R327 & FILL EXISTING SEWER FROM MANHOLE R327 TO MANHOLE R338 WITH C.L.S.M.



PLAN MANHOLE SPECIAL R338

NOTES:

- ① CONSTRUCT 2'-0" WIDE CONCRETE COLLAR WITH 6x6 44.0xW4.0 WELDED WIRE REINFORCEMENT. STABILIZE EXISTING BRICK SEWER, ALLOWING THE REMOVAL AND RECONSTRUCTION OF ACTIVE SEWER.
- ② SEE TRACK DRAINAGE & SEWER DETAIL SHEETS FOR SECTIONS A-A & B-B AND TOP SLAB PLAN.
- ③ FIELD VERIFY
- ④ SEE P&P SEWER RELOCATION AT RR / SOUTH OF COOK ST-1 FOR ALIGNMENT CONTROLS & ADDITIONAL NOTES.
- ⑤ ALL UNDOCUMENTED SEWER SERVICES FOUND WHILE INSTALLING THE NEW 48" SEWER SHALL BE RECONNECTED INTO THE NEW SEWER.

FINAL

MODEL DETAIL FILE: \\hanson\p\busas\c\p\w\hanson\c\hanson\p\w\c1\Documents\09L0179B\09L0179B.dwg Segment: V:\Sheet\09L0179B.dwg V:\Sheet\09L0179B.dwg



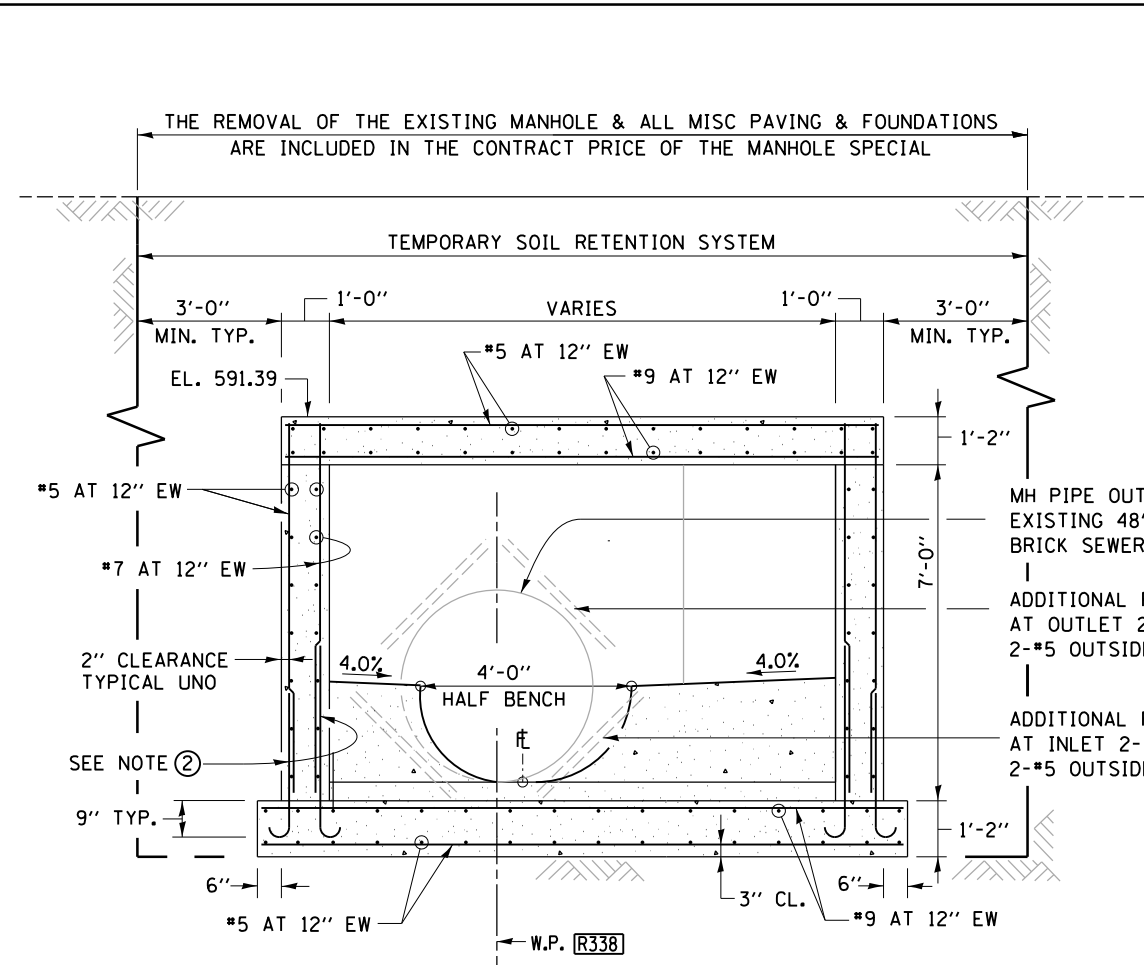
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
PLAN MANHOLE SPECIAL - R338 - 1**

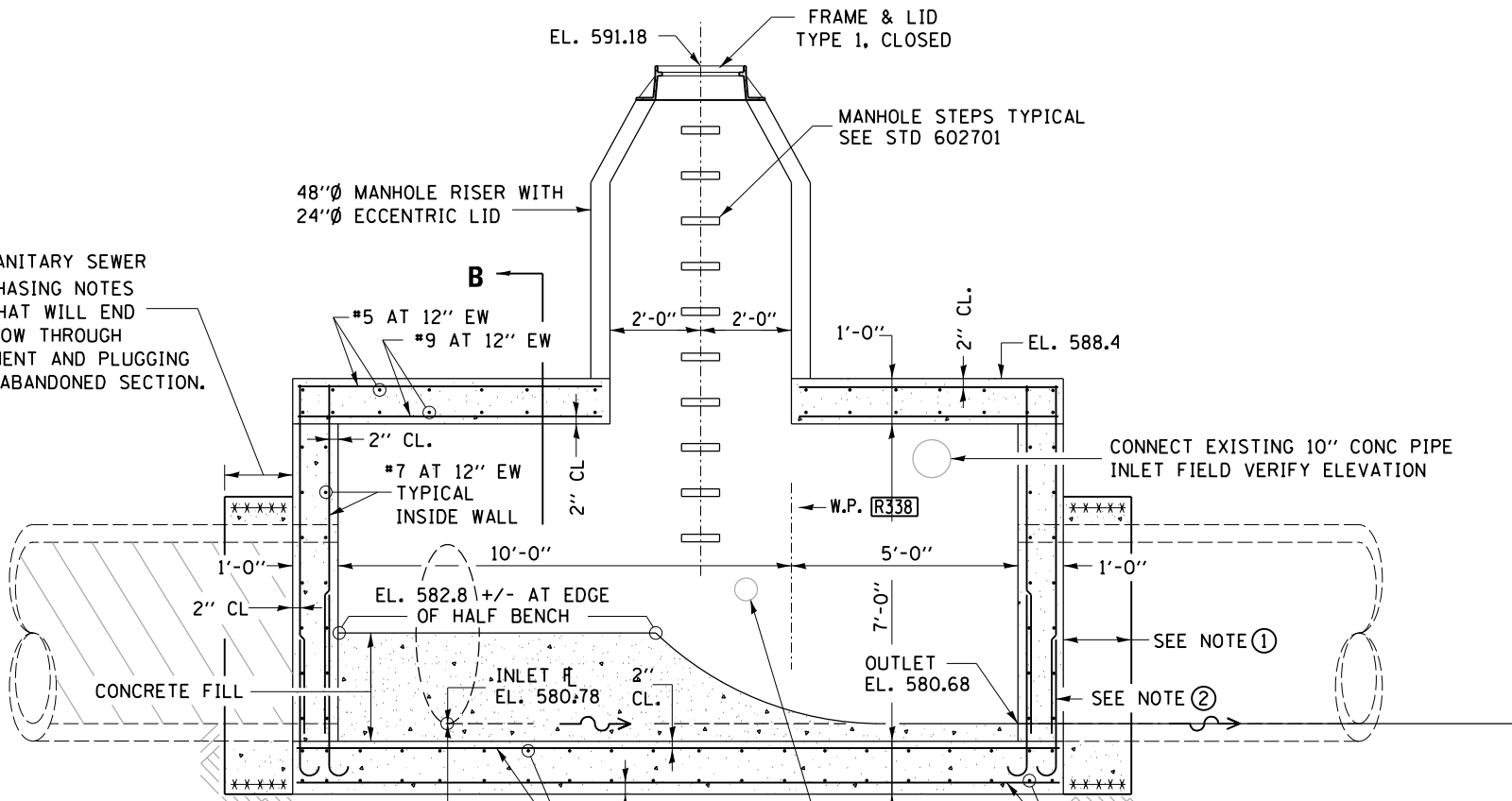
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*	19-00488-00-BR	SANGAMON	347	96
	09L0179B	CONTRACT NO.	93747	
* 7985A & 8063	ILLINOIS	FED. AID PROJECT		

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



MANHOLE SPECIAL R338 SECTION B-B

SEE NOTE ① & SANITARY SEWER CONSTRUCTION PHASING NOTES FOR SEQUENCE THAT WILL END IN REROUTING FLOW THROUGH NEW PIPE ALIGNMENT AND PLUGGING AND FILLING OF ABANDONED SECTION.

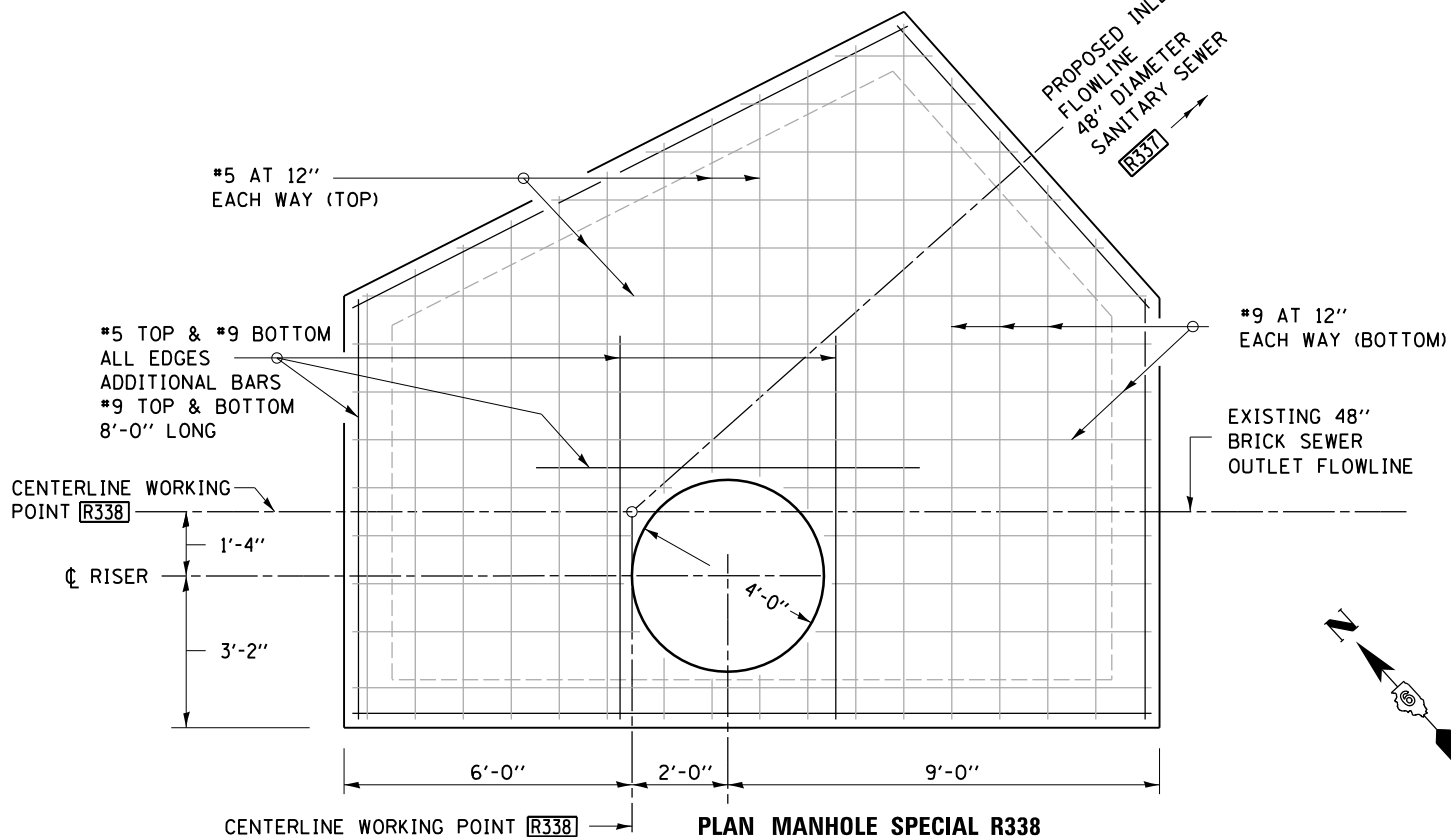
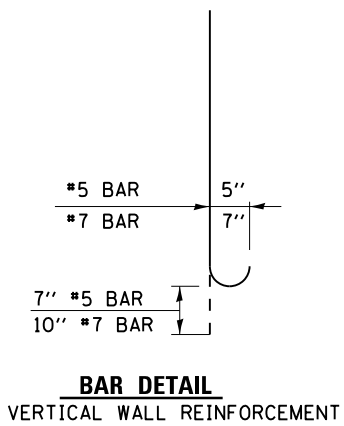


MANHOLE SPECIAL R338 SECTION A-A

INLET FROM PROPOSED 48" DIAMETER SEWER. INLET SEWER & FL ARE BEHIND SECTION CUT A-A SEE SHEET "PLAN MANHOLE SPECIAL - 338"

NOTES:

- ① CONSTRUCT 2'-0" WIDE CONCRETE COLLAR WITH WELDED WIRE REINFORCEMENT, STABILIZE EXISTING BRICK SEWER, ALLOWING THE REMOVAL AND RECONSTRUCTION OF ACTIVE SEWER. SEE DRAINAGE & SEWER DETAIL SHEETS.
- ② OPTIONAL BAR SPLICE LAP # 5 = 2'-2" OPTIONAL BAR SPLICE LAP # 7 = 3'-5"
- ③ SEE SHEET "PLAN MANHOLE SPECIAL - R338" FOR DETAILED LAYOUT OF MANHOLE.



PLAN MANHOLE SPECIAL R338 REINFORCEMENT PLAN AT TOP OF SLAB

FINAL

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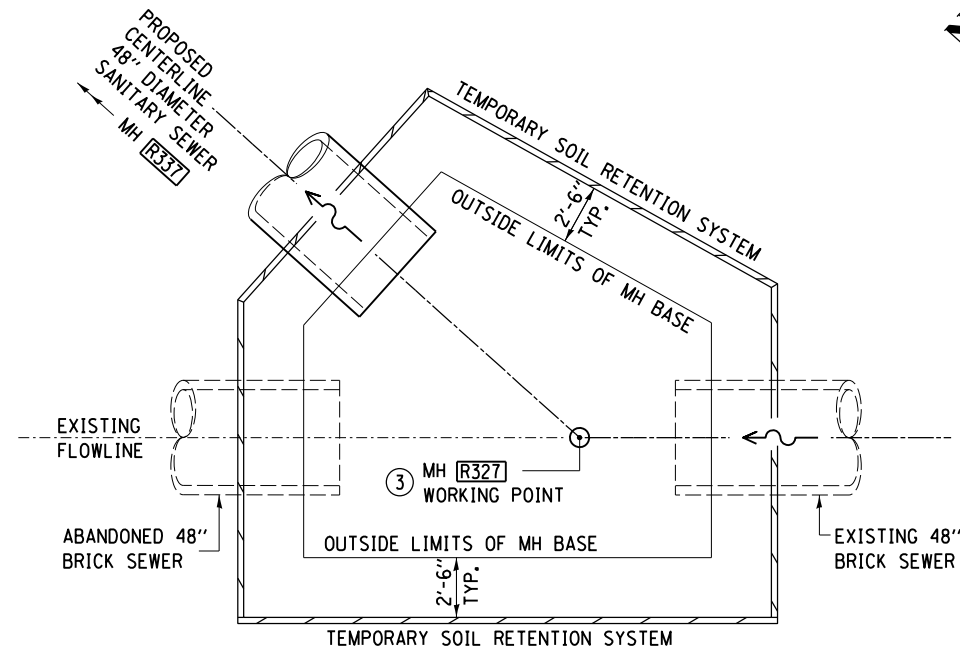
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
DETAILS & SECTIONS MANHOLE SPECIAL - R338 - 2

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	97
09L0179B		CONTRACT NO.	93747	
# 7985A & 8064		ILLINOIS	FED. AID PROJECT	

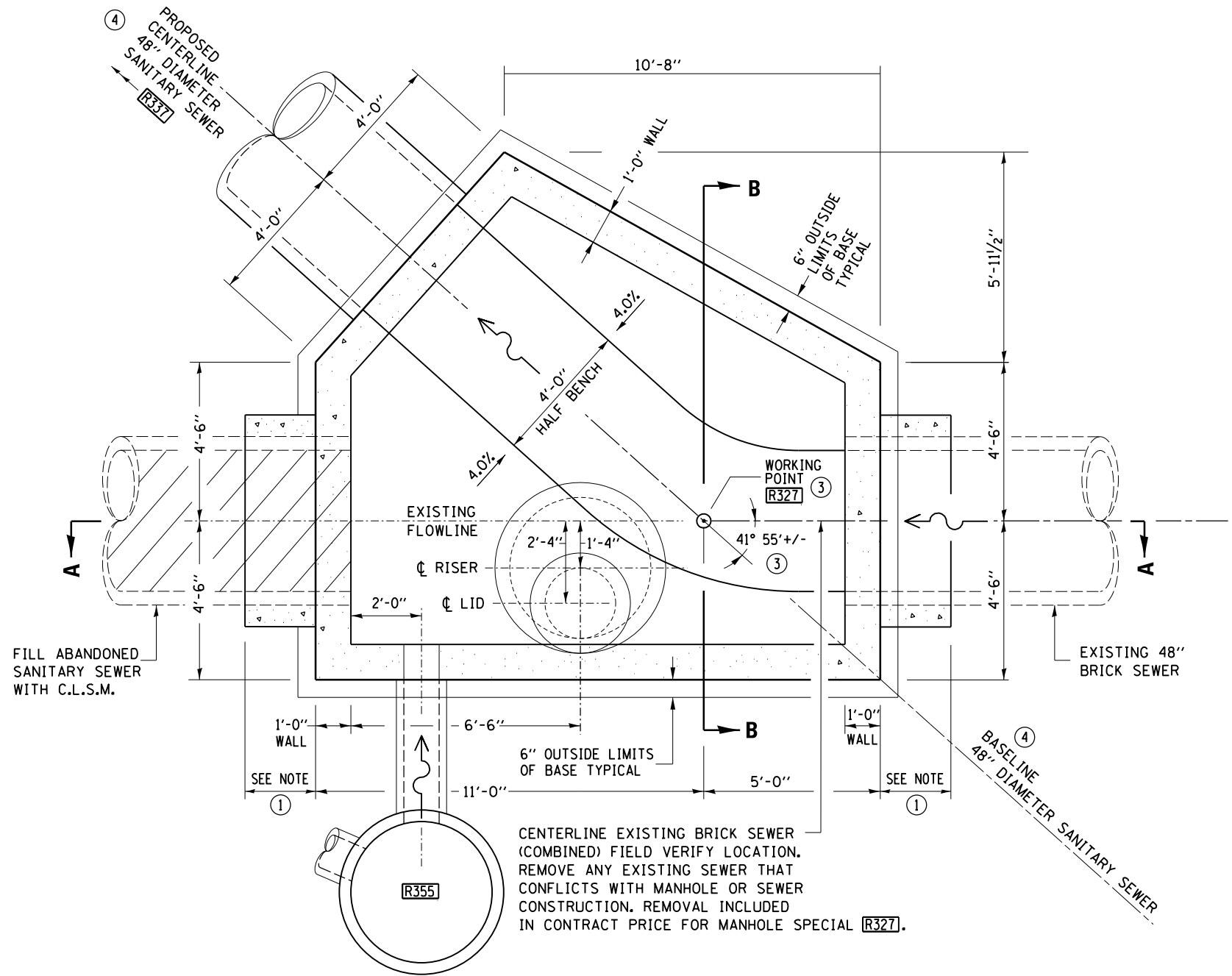


PLAN MANHOLE SPECIAL R327

THE CONTRACTOR SHALL SUBMIT A TEMPORARY SOIL RETENTION SYSTEM DESIGN INCLUDING PLAN DETAILS AND CALCULATIONS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER.

SANITARY SEWER CONSTRUCTION PHASING
48" DIAMETER SEWER RELOCATION AT RR /SOUTH COOK ST

- PHASE 1 -
CONSTRUCT SEWER UNDER RAILWAY ROW, JACKED IN PLACE, PIPE IN METAL LINER AND THE PORTIONS OF THE 48" SEWER THROUGH THE CONSTRUCTION OF MANHOLE R337.
- PHASE 2 -
CONSTRUCT MANHOLE SPECIAL R338 WHILE MAINTAINING FLOW IN EXISTING SEWER.
- PHASE 3 -CONSTRUCT MANHOLE R327 WHILE MAINTAINING FLOW IN EXISTING SEWER. FINISH EXTENDING 48" SEWER FROM MANHOLE R327 TO R337.
- PHASE 4 -FINISH BOTH MANHOLE R327 & R338 CONNECTIONS PLUG EXISTING 48" WEST OUTLET PIPE AT MANHOLE R327 & FILL EXISTING SEWER FROM MANHOLE R327 TO MANHOLE R338 WITH C.L.S.M.
CONSTRUCT SEWER FROM MANHOLES R326 TO R327



PLAN MANHOLE SPECIAL R327

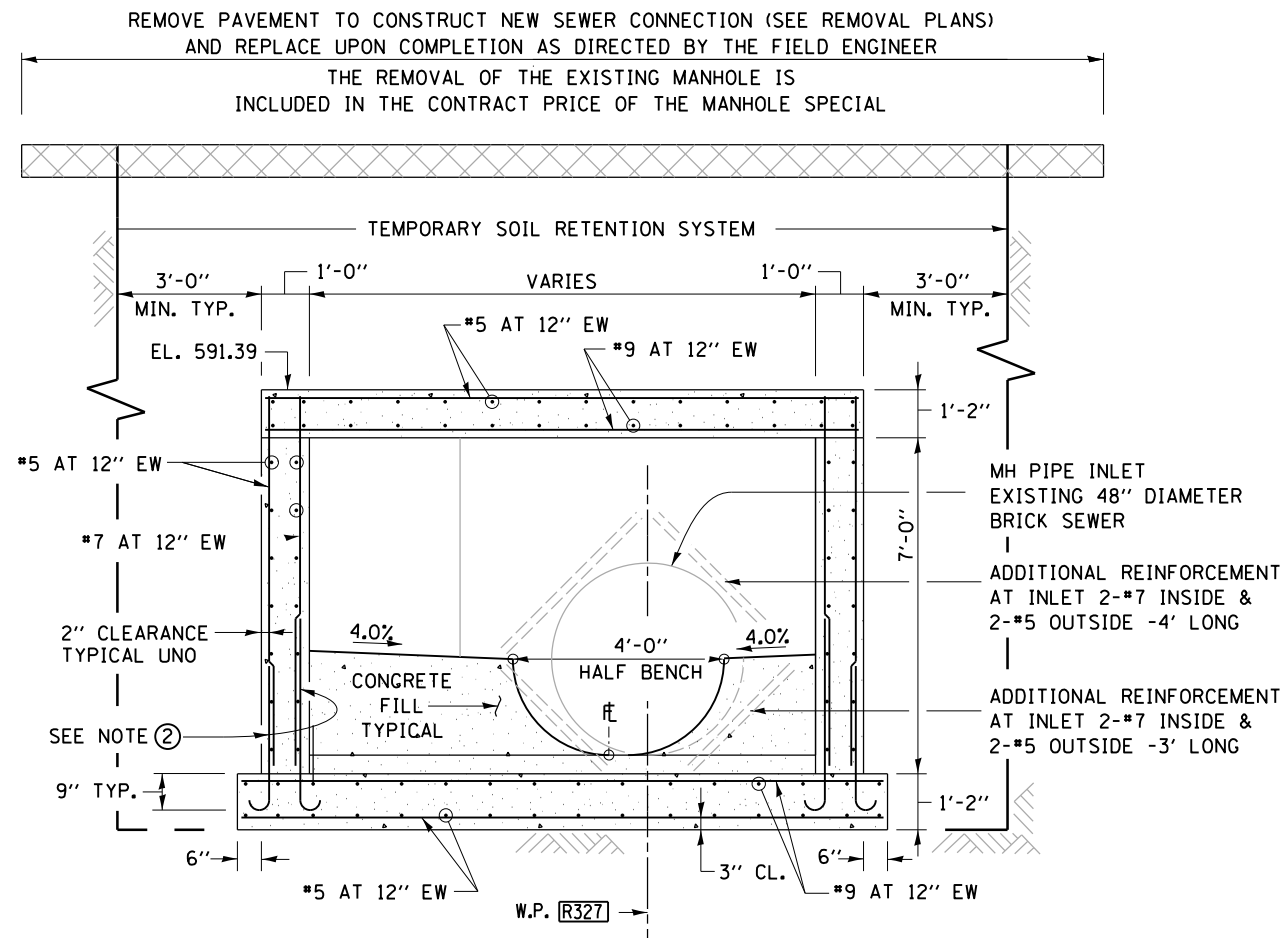
NOTES:

- ① CONSTRUCT 2'-0" WIDE CONCRETE COLLAR WITH 6x6 44.0xW4.0 WELDED WIRE REINFORCEMENT, STABILIZE EXISTING BRICK SEWER, ALLOWING THE REMOVAL AND RECONSTRUCTION OF ACTIVE SEWER.
- ② SEE SHEET "DETAILS & SECTIONS MH SPECIAL - R327" FOR SECTIONS A-A & B-B AND TOP SLAB DETAIL.
- ③ FIELD VERIFY
- ④ SEE P&P SEWER RELOCATION AT RR / SOUTH OF COOK ST-2 FOR ALIGNMENT CONTROLS & ADDITIONAL NOTES.

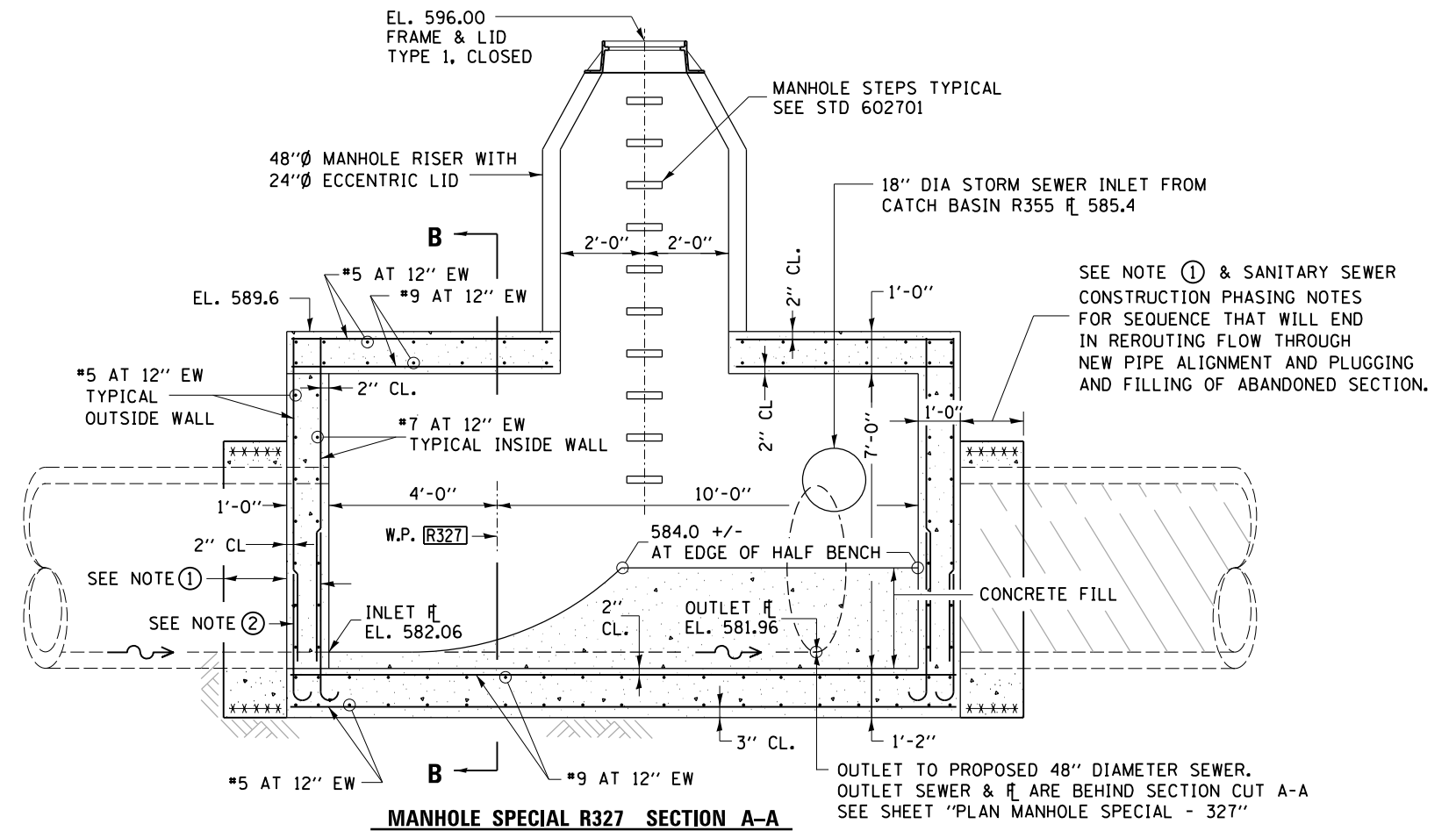


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PLOT DATE = 1/18/2021	DATE - 1/18/2021	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	98
	09L0179B		CONTRACT NO.	93747
* 7985A & 8065	ILLINOIS	FED. AID PROJECT		

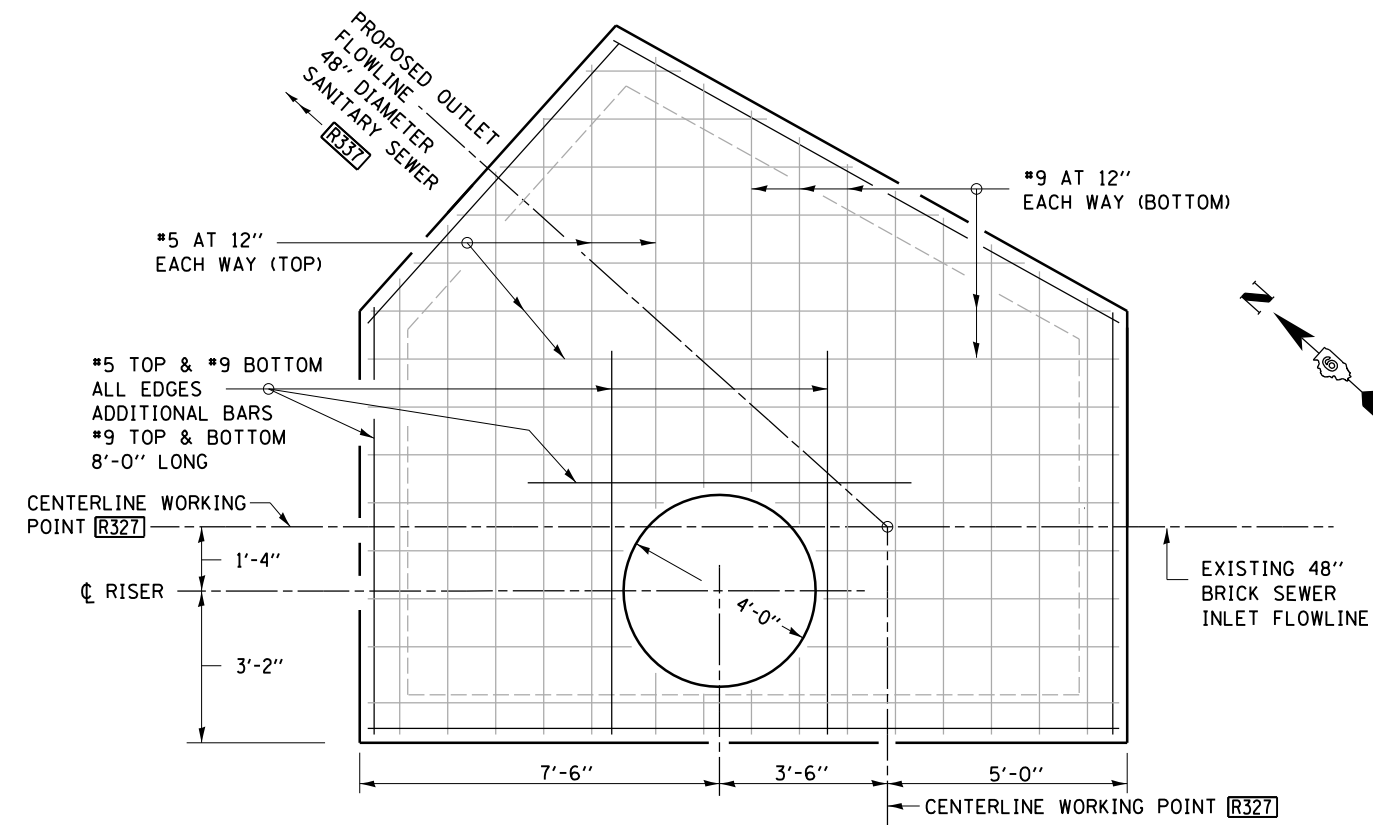
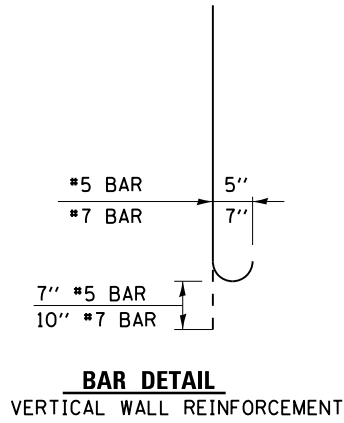


MANHOLE SPECIAL R327 SECTION B-B



MANHOLE SPECIAL R327 SECTION A-A

- NOTES:**
- ① CONSTRUCT 2'-0" WIDE CONCRETE COLLAR WITH WELDED WIRE REINFORCEMENT, STABILIZE EXISTING BRICK SEWER, ALLOWING THE REMOVAL AND RECONSTRUCTION OF ACTIVE SEWER. SEE DRAINAGE & SEWER DETAIL SHEETS.
 - ② OPTIONAL BAR SPLICE LAP # 5 = 2'-2" OPTIONAL BAR SPLICE LAP # 7 = 3'-5"
 - ③ SEE SHEET "PLAN MANHOLE SPECIAL - R327" FOR DETAILED LAYOUT OF MANHOLE.



PLAN MANHOLE SPECIAL R327 REINFORCEMENT PLAN AT TOP OF SLAB

FINAL

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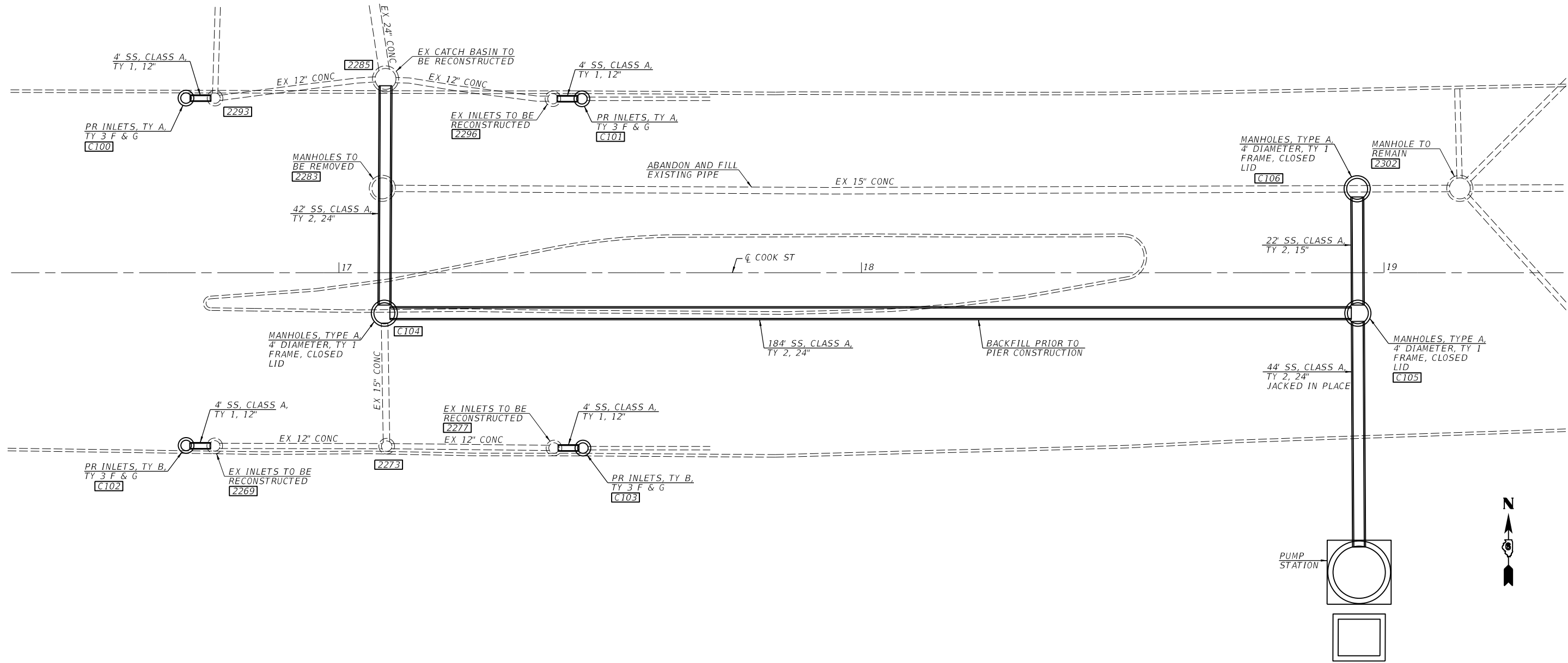
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
DETAILS & SECTIONS MANHOLE SPECIAL - R327 - 2**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	99
	09L0179B		CONTRACT NO.	93747
* 7985A & 8066	ILLINOIS	FED. AID PROJECT		

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

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COOK STREET DRAINAGE PLAN

FINAL



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PLOT DATE = 1/18/2021	CHECKED -	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 DRAINAGE DETAILS - COOK ST - 1

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	19-00488-00-BR	SANGAMON	347	100
	09L0179B	CONTRACT NO.	9374	
# 7985A & 8067	ILLINOIS	FED. AID PROJECT		