

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MADISON UPRR BRIDGE 084-9968	MADISON NSRR BRIDGE 084-9969	JEFFERSON UPRR BRIDGE 084-9970	JEFFERSON NSRR BRIDGE 084-9971	RETAINING WALLS	ROAD	MISC.
				0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE
				0008	0010	0008	0010	0044	0004	0044
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	6370							6370
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	225							225
28000305	TEMPORARY DITCH CHECKS	FOOT	120							120
28000400	PERIMETER EROSION BARRIER	FOOT	4363							4363
28000500	INLET AND PIPE PROTECTION	EACH	128							128
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	6136						6136	
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	2041						2041	
31200100	STABILIZED SUBBASE 4"	SQ YD	8700						8700	
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	354						354	
35501309	HOT-MIX ASPHALT BASE COURSE, 6 1/4"	SQ YD	3143						3143	
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	6						6	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100						100	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	797						797	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	80						80	

* PAY ITEM REQUIRES A SPECIAL PROVISION

Δ SPECIALTY ITEM



USER NAME = Pep00275	DESIGNED - JAD	REVISED - Δ 11/1/2021
PLOT SCALE = 0.17' / in.	DRAWN - DJP	REVISED -
PLOT DATE = 11/9/2021	CHECKED - JAD	REVISED -
	DATE - 11/1/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET 2 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 67.67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 6
09L0179B			CONTRACT NO. 93762	
ILLINOIS FED. AID PROJECT				

MODEL Sheet 2
FILE NAME: p:\v\hanson\c-pw\hanson\p-w-0\documents\09L0179B\09L0179B-SCQ-USIL001.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MADISON UPRR BRIDGE 084-9968	MADISON NSRR BRIDGE 084-9969	JEFFERSON UPRR BRIDGE 084-9970	JEFFERSON NSRR BRIDGE 084-9971	RETAINING WALLS	ROAD	MISC.
				0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE
				0008	0010	0008	0010	0044	0004	0044
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	60						60	
40603230	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	495						495	
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	30						30	
40604150	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	306						306	
42000201	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SQ YD	1839						1839	
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	7543						7543	
42001300	PROTECTIVE COAT	SQ YD	11009						11009	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	237						237	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1684						1684	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	14608						14608	
42400800	DETECTABLE WARNINGS	SQ FT	206						206	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	219						219	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	22756						4497	18259
44000300	CURB REMOVAL	FOOT	1763						979	784

* PAY ITEM REQUIRES A SPECIAL PROVISION

Δ SPECIALTY ITEM

MODEL Sheet 3
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USER NAME = Pop00275	DESIGNED - JAD	REVISED - Δ 1/6/2022
PLOT SCALE = 0.17' / in.	DRAWN - DJP	REVISED -
PLOT DATE = 11/9/2021	CHECKED - JAD	REVISED -
	DATE - 11/1/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 7
09L0179B		CONTRACT NO. 93762		
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 3 OF 23 SHEETS STA. TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MADISON UPRR BRIDGE 084-9968	MADISON NSRR BRIDGE 084-9969	JEFFERSON UPRR BRIDGE 084-9970	JEFFERSON NSRR BRIDGE 084-9971	RETAINING WALLS	ROAD	MISC.
				0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE
				0008	0010	0008	0010	0044	0004	0044
52200010	TEMPORARY SHEET PILING	SQ FT	1629		225					1404
52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	7219					7219		
* 52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	62759.8					62759.8		
* 52200205	DRILLING AND SETTING SOLDIER PILES (IN ROCK)	CU FT	34175.6					34175.6		
52200250	UNTREATED TIMBER LAGGING	SQ FT	13757					13757		
* 52200265	SECANT LAGGING	CU FT	7634	1379	1421	1389	1421	2024		
* 52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	10590					10590		
* 52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	514.5					464.6	49.9	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	17							17
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1							1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2748							2748
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	296						189	107
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	325						264	61
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	65						65	

* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEM

	USER NAME = Pop00275	DESIGNED - JAD	REVISED - <u>1/6/2022</u>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 5			F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 9	
	PLOT SCALE = 0.17" / in.	CHECKED - JAD	REVISED -		SCALE:	SHEET 5 OF 23 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					
	PLOT DATE = 11/9/2021	DATE - 11/1/2021	REVISED -										
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MODEL: Sheet 5
 FILE NAME: \\hanson\pwwork\hanson\pwwork\Documents\0910101798\Usable_Segment_11\Sheet\09101798-COC-USJ1101.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MADISON UPRR BRIDGE 084-9968	MADISON NSRR BRIDGE 084-9969	JEFFERSON UPRR BRIDGE 084-9970	JEFFERSON NSRR BRIDGE 084-9971	RETAINING WALLS	ROAD	MISC.
				0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE
				0008	0010	0008	0010	0044	0004	0044
550A1140	STORM SEWERS, CLASS A, TYPE 4 84"	FOOT	467						467	
* 55100500	STORM SEWER REMOVAL 12"	FOOT	1378						1245	133
* 55100700	STORM SEWER REMOVAL 15"	FOOT	466						466	
* 55100900	STORM SEWER REMOVAL 18"	FOOT	401						401	
* 55101200	STORM SEWER REMOVAL 24"	FOOT	87							87
* 55101400	STORM SEWER REMOVAL 30"	FOOT	270						270	
* 55101500	STORM SEWER REMOVAL 33"	FOOT	425						425	
* 55200900	STORM SEWERS JACKED IN PLACE, 24"	FOOT	92						17	75
* 55201100	STORM SEWERS JACKED IN PLACE, 30"	FOOT	148							148
* 55201300	STORM SEWERS JACKED IN PLACE, 36"	FOOT	272						272	
* 56103510	DUCTILE IRON WATER MAIN 20"	FOOT	85						85	
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	852	126	119	201	192	75	139	
58700300	CONCRETE SEALER	SQ FT	54367	3500	1953	3399	1923	39342		4250
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	1148	79	75	97	85	812		

* PAY ITEM REQUIRES A SPECIAL PROVISION

Δ SPECIALTY ITEM

	USER NAME = Pop0275	DESIGNED - JAD	REVISED - <u>11/6/2022</u>	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 6	F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 10		
	PLOT SCALE = 0.17' / in.	CHECKED - JAD	REVISED -			SCALE:	SHEET 6 OF 23 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 11/9/2021	DATE - 11/1/2021	REVISED -			CONTRACT NO. 93762						

MODEL: Sheet 6
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MADISON UPRR BRIDGE 084-9968	MADISON NSRR BRIDGE 084-9969	JEFFERSON UPRR BRIDGE 084-9970	JEFFERSON NSRR BRIDGE 084-9971	RETAINING WALLS	ROAD	MISC.
				0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE
				0008	0010	0008	0010	0044	0004	0044
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	36						36	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4							4
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	44						44	
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	2747						2747	
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	900						900	
60108208	PIPE UNDERDRAINS, TYPE 2, 8"	FOOT	1039						1039	
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	3932					3932		
60146305	PIPE UNDERDRAINS FOR STRUCTURES (SPECIAL) 4"	FOOT	356					356		
60146306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	443	110	106	116	111			
60146307	PIPE UNDERDRAINS FOR STRUCTURES (SPECIAL) 6"	FOOT	235	100	47	44	44			
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7						7	
60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	27						4	23
60219570	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3V FRAME AND GRATE	EACH	12						12	
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8						7	1

* PAY ITEM REQUIRES A SPECIAL PROVISION

Δ SPECIALTY ITEM

MODEL: Sheet 7
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PLOT DATE = 11/9/2021	CHECKED - JAD	REVISED -
	DATE - 11/1/2021	REVISED -

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.
67,67A	20-00491-00-BR	SANGAMON	509	11
09L0179B			CONTRACT NO. 93762	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 7 OF 23 SHEETS STA. TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MADISON UPRR BRIDGE 084-9968	MADISON NSRR BRIDGE 084-9969	JEFFERSON UPRR BRIDGE 084-9970	JEFFERSON NSRR BRIDGE 084-9971	RETAINING WALLS	ROAD	MISC.
				0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE
				0008	0010	0008	0010	0044	0004	0044
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	18						9	9
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	1						1	
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	4						3	1
60255500	MANHOLES TO BE ADJUSTED	EACH	9						9	
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2 ^Δ						2 ^Δ	
60260100	INLETS TO BE ADJUSTED	EACH	1						1	
60261530	INLETS TO BE ADJUSTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	1						1	
60262700	INLETS TO BE RECONSTRUCTED	EACH	1						1	
60263700	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 9 FRAME AND GRATE	EACH	1						1	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2						2	
60500040	REMOVING MANHOLES	EACH	23						21	2
60500060	REMOVING INLETS	EACH	31						28	3
60500105	FILLING MANHOLES	EACH	2						2	
60600605	CONCRETE CURB, TYPE B	FOOT	617						617	

* PAY ITEM REQUIRES A SPECIAL PROVISION

Δ SPECIALTY ITEM

MODEL: Sheet 8
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PLOT SCALE = 0.17' / in.	DRAWN - DJP	REVISED -
PLOT DATE = 11/9/2021	CHECKED - JAD	REVISED -
	DATE - 11/11/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET 8 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	12
09L0179B			CONTRACT NO. 93762	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MADISON UPRR BRIDGE 084-9968	MADISON NSRR BRIDGE 084-9969	JEFFERSON UPRR BRIDGE 084-9970	JEFFERSON NSRR BRIDGE 084-9971	RETAINING WALLS	ROAD	MISC.
				0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE
				0008	0010	0008	0010	0044	0004	0044
* Δ	Z0057700	SANITARY SEWER 30"	FOOT	137						137
* Δ	Z0057900	SANITARY SEWER 36"	FOOT	777					777	
* Δ	Z0069700	SUB-BALLAST	CU YD	16119						16119
* Δ	Z0076100	TRACK REMOVAL	FOOT	5272						5272
* #	Z0076600	TRAINEES	HOURL							
* #	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL							
* Δ	XX009497	HANDHOLE 18"X18"	EACH	3					3	
* Δ	XX009498	PIPE DRAINS 24" (SPECIAL)	FOOT	56						56
* Δ	XX009498	PIPE UNDERDRAINS, TYPE 2, 15"	FOOT	3202						3202
* Δ	XX009499	PUMP STATION ELECTRICAL BUILDING	L SUM	1					1	
* Δ	XX009500	RELOCATE ARTISTIC ELEMENTS	L SUM	1					1	
* Δ	XX009501	REMOVE AND STOCKPILE ARTISTIC ELEMENTS	L SUM	1					1	
* Δ	XX009502	LIGHT POLE, DECORATIVE, STREET LIGHT, 27 FT. M. H.	EACH	13					13	
* Δ	XX009503	LIGHT POLE, DECORATIVE, STREET LIGHT, 10.5 FT. M. H.	EACH	7					7	

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

	USER NAME = Pop00275	DESIGNED - JAD	REVISED - Δ 1/6/2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPRINGFIELD RAIL IMPROVEMENTS PROJECT SPRINGFIELD, SANGAMON COUNTY, ILLINOIS SUMMARY OF QUANTITIES - 21	F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 25		
	PLOT SCALE = 0.17" / in.	CHECKED - JAD	REVISED -			SCALE: SHEET 21 OF 23 SHEETS STA. TO STA.	CONTRACT NO. 93762		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 11/9/2021	DATE - 11/1/2021	REVISED -									

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MADISON UPRR BRIDGE 084-9968	MADISON NSRR BRIDGE 084-9969	JEFFERSON UPRR BRIDGE 084-9970	JEFFERSON NSRR BRIDGE 084-9971	RETAINING WALLS	ROAD	MISC.
				0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE	60.5 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	100 % GCPF ELIBIBLE	0 % GCPF ELIBIBLE
				0008	0010	0008	0010	0044	0004	0044
Δ XX008952	LUMINAIRE, DECORATIVE ELECTROLUMINESCENT LIGHT TAPE	FOOT	258						258	
Δ 82110020	LUMINAIRE, LED, UNDERPASS, WALLMOUNT, OUTPUT DESIGNATION C	EACH	24						24	
Δ XX009504	600V, 4-1C NO. 2, 1/C NO. 8 GROUND, (XLP-TYPE USE), 2" DIA POLYETHYLENE	FOOT	7						7	
Δ XX009505	SEWER IN METAL LINER 24"	FOOT	86 Δ							86 Δ
Δ XX009506	SEWER IN METAL LINER 30"	FOOT	165							165
Δ XX009507	SEWER IN METAL LINER 36"	FOOT	62						62	
Δ XX009460	SUNSHELTER	EACH	1							1

* PAY ITEM REQUIRES A SPECIAL PROVISION Δ SPECIALTY ITEM



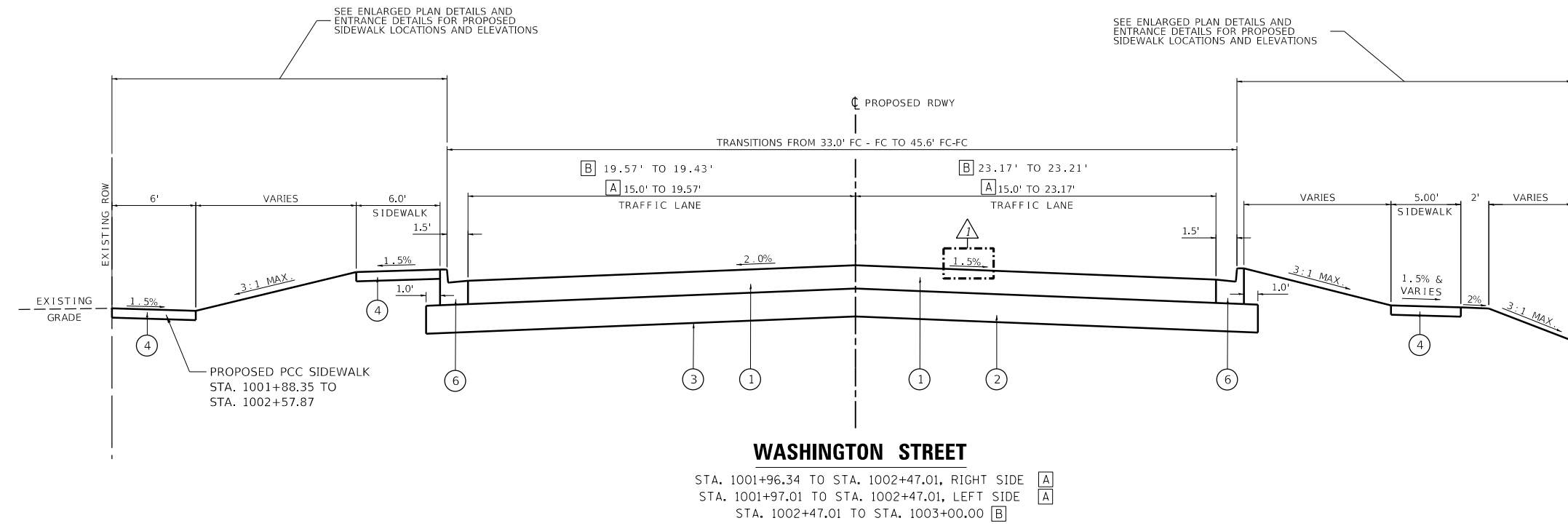
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DRAWN - DJP	CHECKED - JAD	REVISIONS
PLOT SCALE = 0.17' / in.	DATE - 11/1/2021	
PLOT DATE = 11/15/2021		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
SUMMARY OF QUANTITIES - 22

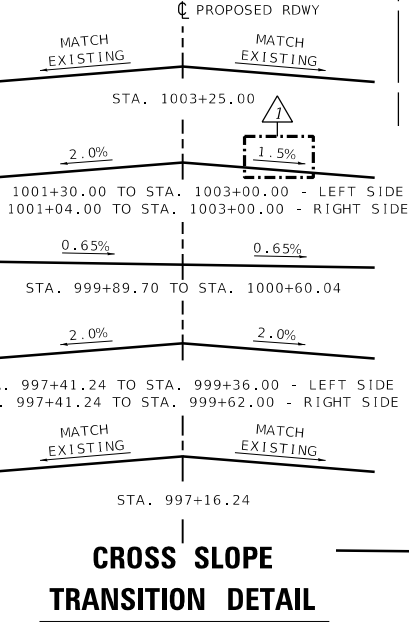
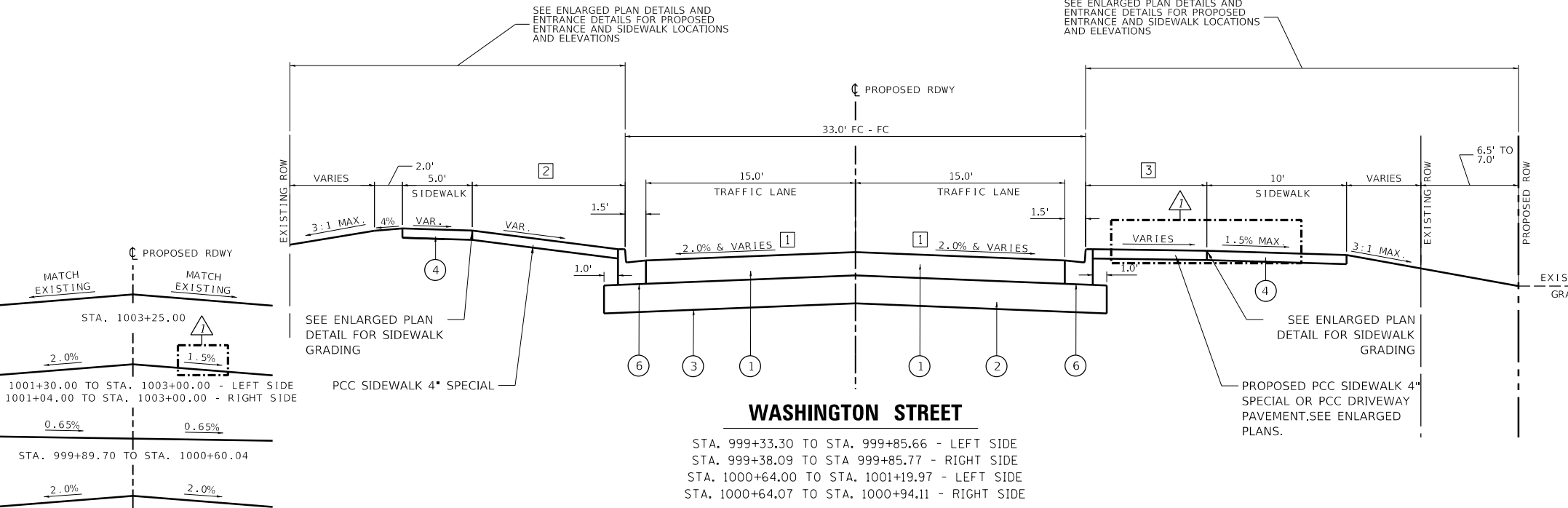
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09L0179B		CONTRACT NO. 93762		ILLINOIS FED. AID PROJECT

SCALE: SHEET 22 OF 23 SHEETS STA. TO STA.

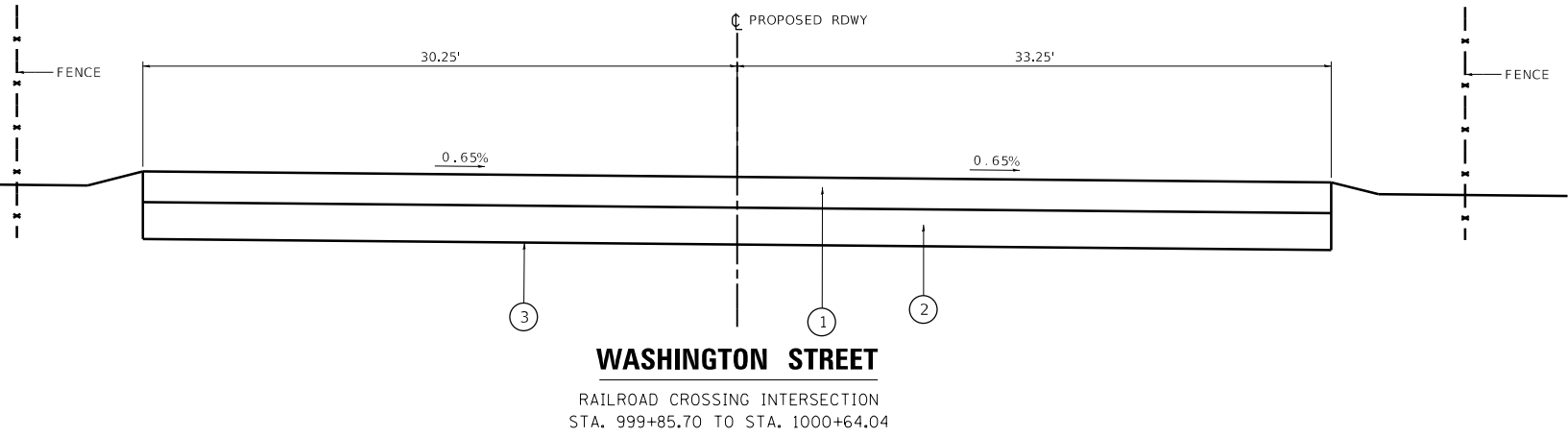


- ### LEGEND
- ① HMA FULL DEPTH PAVEMENT 10" (SEE MIX REQUIREMENTS THIS SHEET)
 - ② AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ③ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - ④ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
 - ⑤ PIPE UNDERDRAINS, TYPE 2, 4"
 - ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.18
 - ⑧ CONCRETE PAVERS, 3 1/8"
 - ⑨ SAND BEDDING LAYER 1"
 - ⑩ PORTLAND CEMENT CONCRETE PAVEMENT, 7" (JOINTED)
 - ⑪ PORTLAND CEMENT CONCRETE PAVEMENT, 8" (JOINTED)
 - ⑫ SUB-BASE GRANULAR MATERIAL, TYPE C 4"
 - ⑬ SIDEWALK WALL

- ① PAVEMENT CROSS SLOPE TRANSITIONS:
 RIGHT SIDE
 FROM -2.0% AT STA. 999+62.00
 TO -0.65% AT STA. 999+89.70
 FROM -0.65% AT STA. 1000+60.04
 TO -1.5% AT STA. 1001+04.00
 MAINTAIN -1.5% FROM STA. 1001+04.00
 TO STA. 1003+00.00
 LEFT SIDE
 MAINTAIN -2.0% FROM STA. 999+30.30
 TO STA. 999+36.00
 FROM -2.0% AT STA. 999+36.00
 TO 0.65% AT STA. 999+89.70
 FROM 0.65% AT STA. 1000+60.04
 TO -1.62% AT STA. 1001+19.97
- ② 0' TO 8.75' - STA. 999+33.30 TO STA. 999+53.30
 8.75' - STA. 999+53.30 TO STA. 999+85.64
 8.75' - STA. 1000+63.97 TO STA. 1000+99.97
 8.75' TO 0' - STA. 1000+99.97 TO STA. 1001+19.97
- ③ 8.15' STA. 999+38.09 TO STA. 999+85.77
 8.17' STA. 1000+64.09 TO STA. 1000+84.11



HMA PAVEMENT (FULL DEPTH) 10" HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE USE(S):	SURFACE (1.5")	BINDER (2.25")	BASE (6.25")
PG:	SBS PG 70-28	SBS PG 70-28	PG 64-22
DESIGN AIR VOIDS:	4% @ N50	4% @ N50	4% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-19.0	IL-19.0
FRICTION AGGREGATE:	MIX "C"	N/A	N/A
MIXTURE WEIGHT:	112 lb/s.y./in.	112 lb/s.y./in.	112 lb/s.y./in.
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO	NO	NO



FINAL



USER NAME = Pop00275	DESIGNED - SKM	REVISED - 1/6/2022 D.J.P.
	DRAWN - JAP	REVISED -
PLOT SCALE = 10.00' / in.	CHECKED - SKM	REVISED -
PLOT DATE = 1/6/2022	DATE - 1/6/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR 09L0179B	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 36
ILLINOIS		FED. AID PROJECT		

MODEL Sheet 02
 FILE Name: p:\projects\springfield\documents\09l0179b\usable - Segment 11 - V - VNCAD\Road\Usable - Segment 11\Washington\Sheet\09L0179B-SHT-WAS-TYP.dgn
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				DRAINAGE STRUCTURE SCHEDULE																										
				INLETS									MANHOLES						END SXN		HDWALL	DRAIN STRUCT		SOIL RET						
				X6020074	60236200	60236600	X6020075	60240301	60262700	60260100	60261530	60263700	60218400	60219000	60219570	60221100	60257900	60255500	X6020084	X6023102	X6024200	54213663	54213669	60100060	X0327131	X0327132	52200010			
LOCATION: SEE DETAIL FOR REFERENCE STATION AND OFFSET LOCATION				TYPE A, TYPE 3V F&G	TYPE A, TYPE 8 GRATE	TYPE A, TYPE 9 F&G	TYPE B, TYPE 3V F&G	TYPE B, TYPE 8 GRATE	INLETS TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	INLETS TO BE ADJUSTED WITH NEW TYPE 23 F & G	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 9 FRAME AND GRATE	TYPE A, 4'-DIA., TYPE 1 FRAME, CLOSED LID	TYPE A, 4'-DIA., TYPE 8 GRATE	TYPE A, 4'-DIA TYPE 3V F&G	TYPE A, 5'-DIA, TYPE 1 FRAME, CLOSED LID	MANHOLES TO BE RECONSTRUCTED	MANHOLES TO BE ADJUSTED	MANHOLE, SPECIAL	MANHOLS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID, SPECIAL	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, SPECIAL	PRECAST REINF CONC FLARED END SECTIONS 18"	PRECAST REINF CONC FLARED END SECTIONS 24"	CONCRETE HEADWALL FOR PIPE DRAINS	DRAINAGE STRUCTURES, NO. 1	DRAINAGE STRUCTURES, NO. 2	TEMPORARY SHEET PILING	COMMENTS		
NO.	STATION	OFFSET	FRAME ELEV	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	SQ FT			
R424	47751+20.00	46.00 L	602.00										1																	
R425	47751+20.00	30.50 R	599.30																											
R427	47753+50.00	107.00 L	597.43																											
R428	47753+50.00	46.00 L	601.10										1																	
R429	47753+50.00	30.50 R	597.85																											
R430	47754+95.00	107.00 L	596.60																											
R431	47755+55.00	107.00 L	596.31																											
R432	47754+95.00	43.00 L	600.60																											
R433	47754+95.00	30.00 R	599.35																											
R434	47756+35.00	38.00 L	600.06																											
R435	47756+65.00	18.00 R	600.00		1																									
R436	47758+00.00	106.00 L	596.30																											
R437	47758+00.00	38.00 L	599.73																											
R438	47758+00.00	29.00 R	598.90																											
R439	47759+57.00	107.00 L	595.78																											
R440	47759+63.00	109.00 L	595.78																											
R441	47759+57.00	38.00 L	599.50																											
R442	47759+57.00	30.00 R	598.60																											
R443	47718+67.71	118.00 L	607.64																											
R511	47718+79.81	147.21 LT	607.83																											
R512	47718+81.59	76.88 RT	606.15																											
R513	47757+00.00	106.00 L	597.00																											
R514	47759+61.44	104.80 L	597.00																											
R515	47748+40.00	32.00 R	600.55																											
R516	47748+43.71	105.00 L	601.00																											
WASHINGTON STREET																														
W1	1001+54.30	1.00 L	605.94																											
W2	998+03.35	38.00 L	601.42		1																									
W3	998+09.20	1.68 L	601.79																											
W4	998+13.52	27.08 R	601.40	1																										
W5	1001+25.00	4.00 L	606.63																											
W7	1001+20.00	40.30 L	603.65		1																									
TOTAL				37	18	1	7	4	1	1	1	1	7	27	12	8	2	1	4	6	4	17	1	4	1	2	1404			

MODEL: Sheet 3
 FILE: \\hanson\civic\work\hanson\p\w\41\Documents\09L0179B\Usable_Segment_III - V - VNCAD\Rail\Usable_Segment_III_Sheet0609_0179B-SC+JBI001.dwg
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FINAL



USER NAME = Pop00275	DESIGNED - JAD	REVISED - 1/6/2022 D.J.P.
PLOT SCALE = 2.00' / In.	CHECKED - JAD	REVISED -
PLOT DATE = 1/6/2022	DATE - 1/6/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

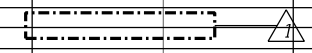
F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR 09L0179B	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 56
CONTRACT NO. 93762			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 10 OF 33 SHEETS STA. TO STA.

EROSION AND SEDIMENT CONTROL SCHEDULE								
LOCATION				25100630	28000305	28000400	28000500	28000250
				EROSION CONTROL BLANKET	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	TEMPORARY EROSION CONTROL SEEDING
BEGIN STATION	OFFSET	END STATION	OFFSET	SQ YD	FOOT	FOOT	EACH	POUND
47748+40.00	46.00	L					1	
47750+00.00	46.00	L					1	
47750+00.00	30.50	R					1	
47751+20.00	46.00	L					1	
47751+20.00	30.50	R					1	
47753+50.00	46.00	L					1	
47753+50.00	30.50	R					1	
47754+95.00	43.00	L					1	
47754+95.00	30.00	R					1	
47755+55.00	107.00	L					1	
47756+35.00	38.00	L					1	
47756+65.00	18.00	R					1	
47758+00.00	38.00	L					1	
47758+00.00	29.00	R					1	
47759+57.00	38.00	L					1	
47759+57.00	30.00	R					1	
47759+63.00	109.00	L					1	
47733+50	110.00	L			8			
47735+00	111.00	L			8			
47737+70	108.30	L			8			
47738+70	109.20	L			8			
47741+49	112.00	L			8			
47742+96	114.00	L			8			
47745+52	110.70	L			8			
44747+02	110.30	L			8			
47749+75	108.40	L			8			
47751+50	108.30	L			8			
47753+25	108.30	L			8			
47755+25	108.80	L			8			
47757+85	107.50	L			8			
47759+46	108.00	L			8			
47759+00	31.30	R			8			
AS NEEDED THROUGHOUT RAIL CORRIDOR								225
NSRR MAIN 1								
82352+64	25.00	R	82355+00	25.00	R			236
82356+10	23.00	R	82359+25	23.00	R			315
82359+25	23.00	R	82360+03	10.00	R			80
82360+03	10.00	R	82361+00	12.00	R			98
82361+00	12.00	R	82362+39	12.00	R			139
82362+39	12.00	R	82363+63	12.00	R			124
82363+63	12.00	R	82366+00	12.00	R			237
82366+00	12.00	R	82371+23	12.00	R			523
82371+23	12.00	R	82374+60	12.00	R			337
TOTAL				6370	120	4363	128	225



SEEDING SCHEDULE											
LOCATION				25000110	25000400	25000500	25000600	25000700	25100115	25100125	X2503000
				SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	MULCH, METHOD 3	MAINTENANCE MOWING
BEGIN STATION	OFFSET	END STATION	OFFSET	ACRE	POUND	POUND	POUND	TON	ACRE	ACRE	ACRE
MADISON STREET											
				0.40	36	36	36	0.8	0.4		1.20
JEFFERSON STREET											
				0.40	36	36	36	0.8	0.4		1.20
WASHINGTON STREET											
				0.65	59	59	59	1.3	0.7		1.95
MONROE STREET											
CAPITOL AVENUE											
				0.10	9	9	9	0.2	0.1		0.30
EXCESS PARCELS											
				0.18	16	16	16	0.4	0.2		0.54
MASON STREET											
				0.06	5	5	5	0.1	0.1		0.18
REYNOLDS STREET											
				0.02	2	2	2	0.0	0.0		0.06
UPRR MAIN 1											
STAGE 1				3.15	284	284	284	6.3		3.15	9.45
STAGE 2				1.10	99	99	99	2.2		1.10	3.30
STAGE 4				1.46	131	131	131	2.9		1.46	4.38
TOTAL				7.52	677	677	677	15.0	1.81	5.71	22.56
ROUNDED TOTAL				7.50	677	677	677	15.0	1.75	5.75	22.50



FINAL

MODEL Sheet 19
 FILE: \\hanson\c:\pwworking\hanson.com\hanson\pwworking\11\Documents\09\091798\Usable_Segment_III - V - VNCAD\Rail\Usable_Segment_III\Sheet\0609\01798-SC-11\01.dwg



USER NAME = Pop00275
 PLOT SCALE = 2.00' / 1in.
 PLOT DATE = 1/6/2022

DESIGNED - JAD
 DRAWN - DJP
 CHECKED - JAD
 DATE - 1/6/2022

REVISED - 1/6/2022 D.J.P.
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 SCHEDULE OF QUANTITIES - 20

SCALE: SHEET 20 OF 33 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	66
09L0179B		CONTRACT NO. 93762		
ILLINOIS		FED. AID PROJECT		

CURB AND GUTTER AND CONCRETE MEDIAN SURFACE SCHEDULE											
LOCATION				20700220	60603800	60604400	60605000	60600605	60607400	60618300	X6062400
				POROUS GRANULAR EMBANKMENT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE CURB, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24	CONCRETE MEDIAN SURFACE, 4 INCH	CONCRETE GUTTER (SPECIAL)
BEGIN STATION	OFFSET	END STATION	OFFSET	CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT
MADISON STREET											
296+32.81		RT	296+58.54				24.1				
296+58.84		RT	297+20.00				61.2				
297+20.00		RT	297+30.00		1				10.0	14	
297+30.00		RT	298+00.00		7				70.0	129	
298+00.00		RT	302+68.00		45				468.0	861	
302+68.00		RT	302+98.00		2				30.0	43	
302+98.00		RT	303+33.29				35.3				
303+33.29		RT	303+64.32				54.0				
296+32.81		LT	296+46.71				30.5				
296+46.71		LT	297+05.00				58.3				
297+05.00		LT	297+15.00		1				10.0	14	
297+15.00		LT	297+95.00		8				80.0	147	
297+95.00		LT	302+63.00		45				468.0	861	
302+63.00		LT	302+93.00		2				30.0	43	
302+93.00		LT	303+53.35				60.3				
303+53.35		LT	303+64.32				33.2				
JEFFERSON STREET											
896+35.00		RT	896+50.00				38.0				
896+50.00		RT	897+15.00				65.0				
897+15.00		RT	897+25.00		1				10.0	14	
897+25.00		RT	898+30.00		10				105.0	193	
898+30.00		RT	902+65.00		42				435.0	800	
902+65.00		RT	903+05.00		3				40.0	57	
903+05.00		RT	903+49.08				44.1				
903+49.08		RT	903+63.55				36.7				
896+35.00		LT	896+59.92				41.9				
896+59.92		LT	897+15.00				55.1				
897+15.00		LT	897+25.00		1				10.0	14	
897+25.00		LT	898+30.00		10				105.0	193	
898+30.00		LT	902+65.00		42				435.0	800	
902+65.00		LT	903+05.00		3				40.0	57	
903+05.00		LT	903+38.23				33.2				
903+38.23		LT	903+63.55				41.9				
PUMP STATION ENTRANCE RD											
896+45.61	34.5	RT	897+15.00	34.5				69.4			
897+15.00	34.5	RT	899+61.85	34.5	10			246.9		227	
896+45.61	46.5	RT	899+11.35	46.5				265.7			
WASHINGTON STREET											
997+16.24	25.88	RT	998+15.14	25.88			98.9				
998+15.14	25.88	RT	998+71.29	15.00			57.2				
998+71.29	15.00	RT	999+85.74	15.00			114.5				
1000+64.07	15.00	RT	1001+96.34	15.00			132.3				
1001+96.34	15.00	RT	1002+47.01	23.17			51.3				
1002+47.01	23.17	RT	1003+22.66	25.09			75.8				
1002+09.92	57.80	RT	1002+19.89	36.91			25.0				
1002+45.89	36.93	RT	1002+50.90	46.52			15.9				
1002+67.44	51.50	RT	1002+72.43	36.95			15.8				
1002+98.43	36.97	RT	1003+04.43	51.46			16.3				
997+41.24	27.77	LT	997+80.81	27.76			39.4				
997+80.61	27.76	LT	997+93.37	15.00			18.1				
997+93.37	15.00	LT	999+85.68	15.00			192.3				
1000+64.00	15.00	LT	1001+97.01	15.00			133.0				
1001+97.01	15.00	LT	1002+47.01	19.57			50.2				
1002+47.01	19.57	LT	1003+23.18	19.48			76.2				
MONROE STREET											
999+40.05	40.03	LT	999+49.98	60.47				34.2			
CAPITOL AVENUE											
60+14.99	15.30	LT	61+91.55	15.00			176.6				
60+14.99	15.30	RT	61+91.58	15.00			125.6			51.0	
60+95.76	40.00	LT	61+61.86	40.00						66.1	
62+69.88	15.00	LT	64+94.99	14.90			163.5			61.6	
62+69.91	15.00	RT	64+94.99	14.90			117.7			107.4	
TOTAL				233	74	1623	713	617	2346	4467	287

CAPITOL AVENUE CONCRETE STRUCTURES SUMMARY						
ITEM			50200100	50300225	50800105	73400200
			STRUCTURE EXCAVATION	CONCRETE STRUCTURES	REINFORCEMENT BARS	DRILLED SHAFT CONCRETE FOUNDATIONS
			CU YD	CU YD	POUND	CU YD
GRADE BEAMS	188 FT		63	20.9	1630	
GRADE BEAM PIERS	9 EACH		27	5.4	450	
INTERPRETIVE MARKER FOUNDATIONS	3 EACH				360	2.7
CUSTOM PLANTER FOUNDATIONS	7 EACH				560	3.5
PCC PLANTER EDGE	3 7-11" SEGMENTS		0	1.5		
TOTALS			90	27.8	3000	6.2

SEE CAPITOL AVENUE PLANS FOR LOCATIONS OF STRUCTURES
SEE LIGHTING SCHEDULE FOR LIGHT FOUNDATIONS.

SEE STREETScape UTILITY PLAN - CAPITOL AVENUE FOR IRRIGATION QUANTITIES.

MODEL: Sheet_26
FILE: \\hanson\civic\pwworking\hanson\pwworking\01798\usable\Segment_III - V - VNCAD\Rail\usable_Segment_III_Sched0609.01798-SC-H-0101.dwg

FINAL



USER NAME = Pop00275	DESIGNED - JAD	REVISED - 1/6/2022 D.J.P.
PLOT SCALE = 2.00' / In.	CHECKED - JAD	REVISED -
PLOT DATE = 1/6/2022	DATE - 1/6/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SPRINGFIELD RAIL IMPROVEMENTS PROJECT		
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS		
SCHEDULE OF QUANTITIES - 29		
SCALE:	SHEET 29 OF 33 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	75
	09L0179B	CONTRACT NO.	93762	
		ILLINOIS	FED. AID PROJECT	

FINAL

MODEL: Sheet 2
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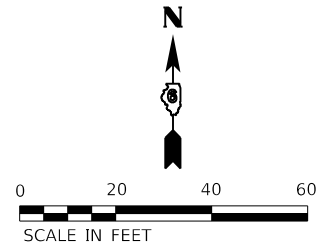
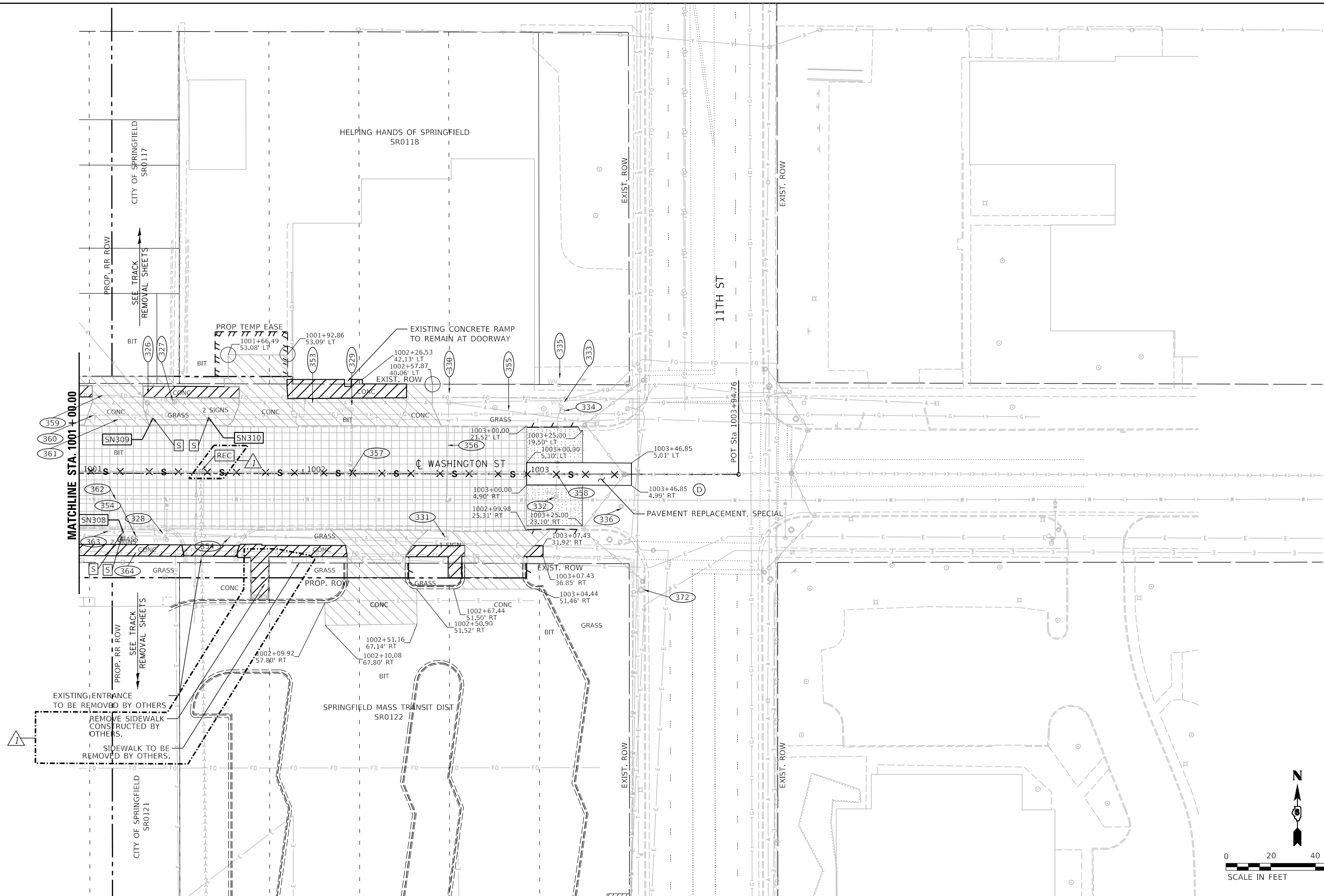
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PLOT SCALE = 40.00' / in.	DRAWN - JAP	REVISED -
PLOT DATE = 1/4/2022	CHECKED - GCN	REVISED -
	DATE - 1/6/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
REMOVAL PLANS - WASHINGTON STREET - 2**

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

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 103
09L0179B		CONTRACT NO. 93762		
ILLINOIS FED. AID PROJECT				



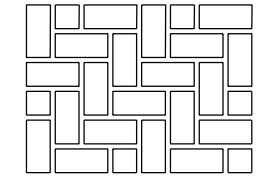
NOTES

1. SEE TYPICAL SECTION SHEETS FOR ROADWAY CROSS SLOPE TRANSITIONS.
2. ALL PROPOSED ENTRANCES AT 90° PERPENDICULAR TO CENTERLINE OF ROADWAY UNLESS OTHERWISE NOTED

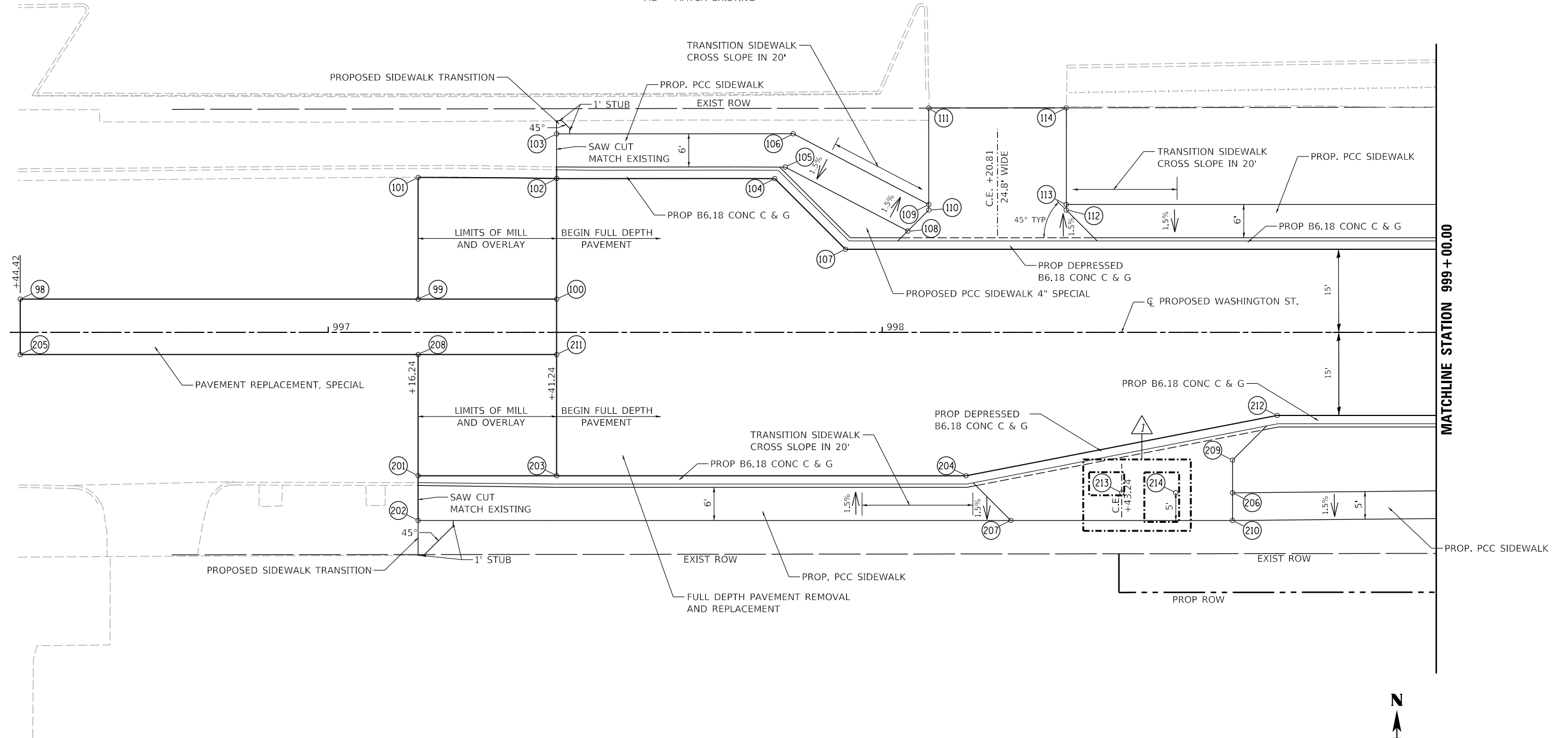
WASHINGTON STREET POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
98	996+44.42	5.99' LT	ME	EOP
99	997+16.24	5.99' LT	ME	EOP
100	997+41.24	6.00' LT	ME	EOP
101	997+16.24	27.97' LT	ME	EOP
102	997+41.24	27.77' LT	ME	EOP
103	997+41.24	35.83' LT	ME	SW
104	997+80.61	27.76' LT	599.77	EOP
105	997+82.50	29.84' LT	601.10	SW
106	997+83.95	35.86' LT	601.21	SW
107	997+93.37	15.00' LT	601.10	EOP
108	998+04.62	18.29' LT	601.52	SW
109	998+08.41	23.08' LT	601.42	ENT
110	998+08.41	22.08' LT	601.44	SW
111	998+08.41	40.49' LT	ME	ENT
112	998+33.22	22.08' LT	602.29	ENT
113	998+33.22	23.08' LT	602.27	SW
114	998+33.22	40.53' LT	ME	ENT

ME = MATCH EXISTING

WASHINGTON STREET POINT TABLE				
POINT #	STATION	OFFSET	ELEV	DESC
201	997+16.24	25.88' RT	ME	EOP
202	997+16.24	33.96' RT	ME	SW
203	997+41.24	25.88' RT	ME	EOP
204	998+15.14	25.88' RT	601.45	EOP
205	996+44.42	4.01' RT	ME	EOP
206	998+63.23	28.96' RT	603.69	SW
207	998+23.22	33.94' RT	601.40	SW
208	997+16.24	4.01' RT	ME	EOP
209	998+63.23	23.06' RT	603.69	ENT
210	998+63.23	33.96' RT	603.69	SW
211	997+41.24	4.00' RT	600.76	EOP
212	998+71.29	15.00' RT	604.09	EOP
213	998+43.24	28.96' RT	602.66	SW
214	998+53.00	28.96' RT	602.18	SW



SIDEWALK SPECIAL PATTERN



MATCHLINE STATION 999 + 00.00



FINAL

MODEL: Sheet_01
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USER NAME = Pop00275	DESIGNED - SKM	REVISED - 1/6/2022 D.J.P.
	DRAWN - JAP	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - SKM	REVISED -
PLOT DATE = 1/4/2022	DATE - 1/6/2022	REVISED -

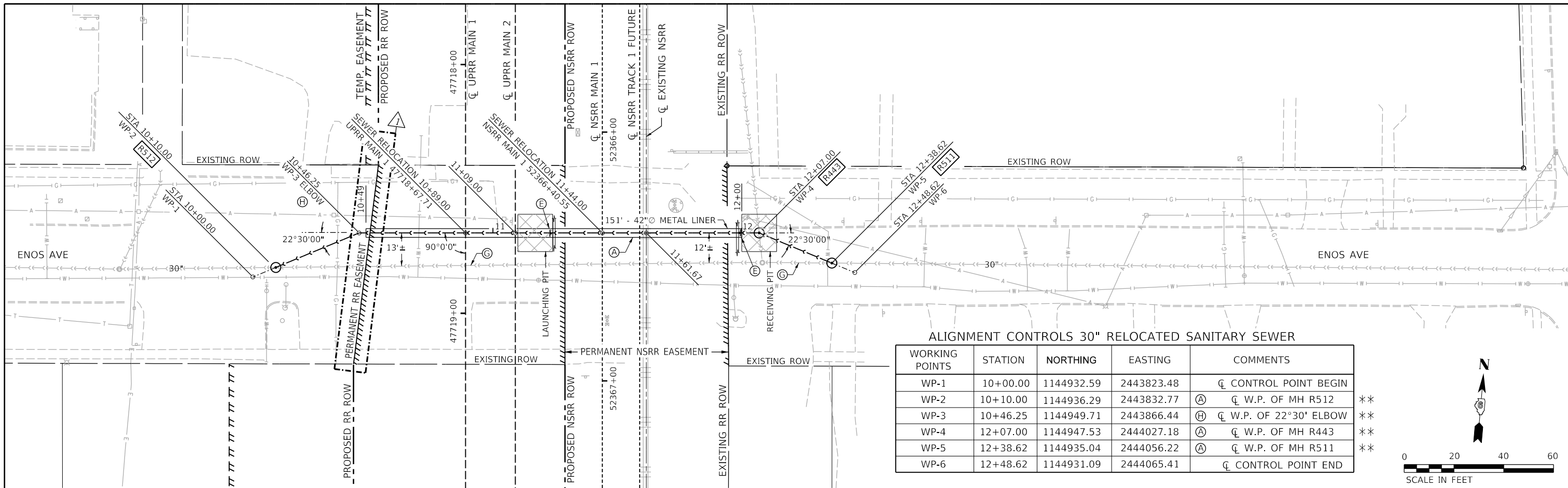
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
ENLARGED PLAN - WASHINGTON STREET - 1**

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

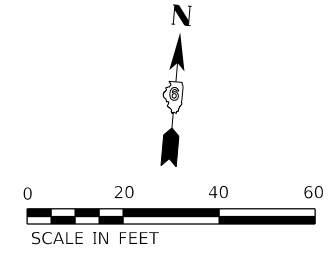
F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR 09L0179B	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 155
ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 93762

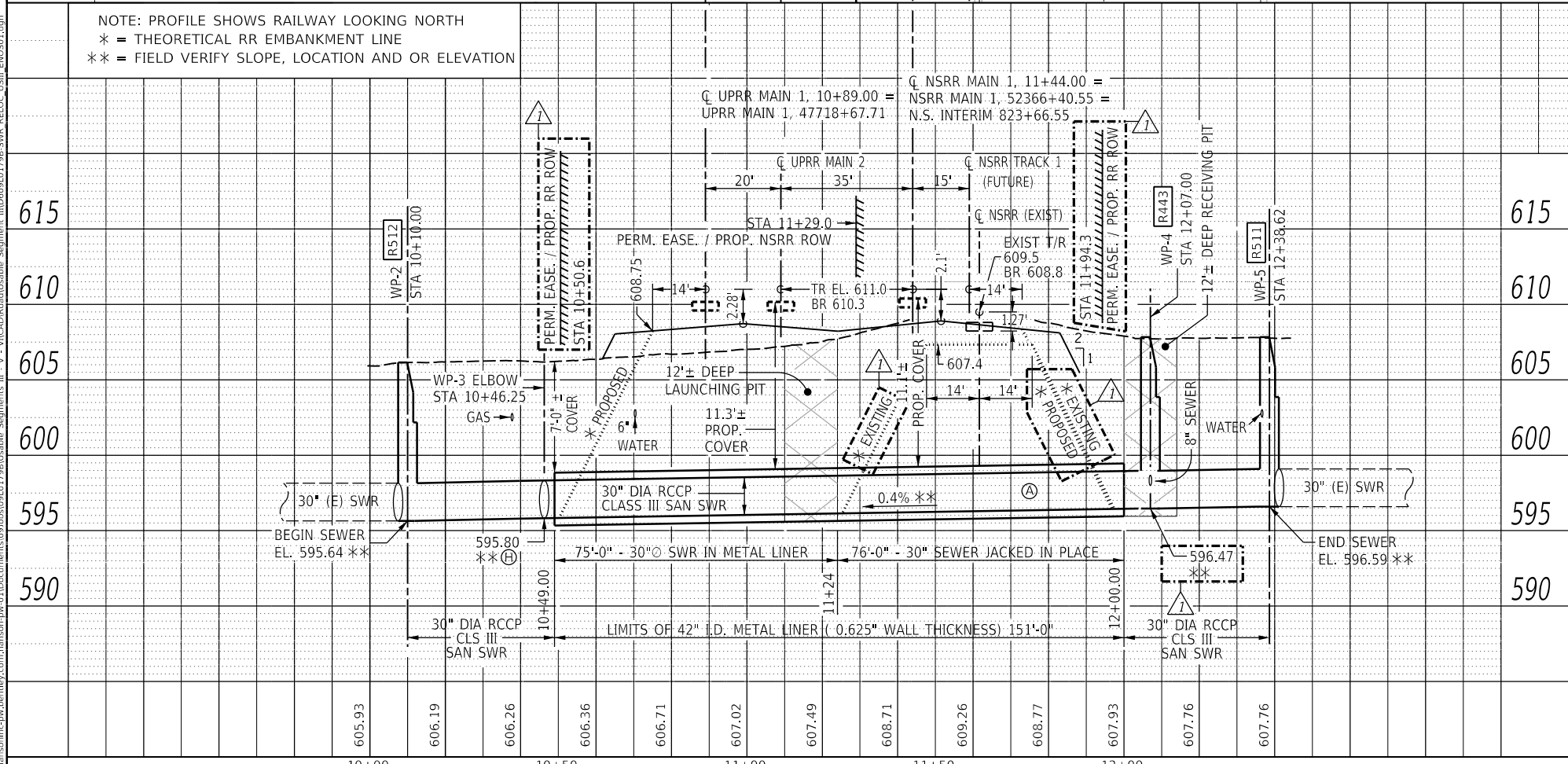


ALIGNMENT CONTROLS 30" RELOCATED SANITARY SEWER

WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	10+00.00	1144932.59	2443823.48	CL CONTROL POINT BEGIN
WP-2	10+10.00	1144936.29	2443832.77	(A) CL W.P. OF MH R512 **
WP-3	10+46.25	1144949.71	2443866.44	(H) CL W.P. OF 22°30' ELBOW **
WP-4	12+07.00	1144947.53	2444027.18	(A) CL W.P. OF MH R443 **
WP-5	12+38.62	1144935.04	2444056.22	(A) CL W.P. OF MH R511 **
WP-6	12+48.62	1144931.09	2444065.41	CL CONTROL POINT END



NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
 * = THEORETICAL RR EMBANKMENT LINE
 ** = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION



- NOTES:**
- (A) - THE 30" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED DURING STAGE 2B, PRIOR TO EMBANKMENT CONSTRUCTION.
 - (B) - CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECS. THE BORING AND JACKING OPERATION SHALL BE PROGRESSED ON A 24-HOUR BASIS WITHOUT STOPPAGE UNTIL THE LEADING EDGE OF THE PIPE HAS REACHED THE RECEIVING PIT. **BLASTING NOT PERMITTED.**
 - (C) - 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.
 - (D) - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION AND CALLOUTS.
 - (E) - FASTEN PIPELINE MARKER SIGN TO OUTSIDE FACE OF TEMPORARY CONCRETE BARRIER. BARRIER AND SIGN TO BE REMOVED WHEN CROSSING IS CONSTRUCTED IN USABLE SEGMENT VI.
 - (F) - SOIL SUPPORT FOR LAUNCHING AND RECEIVING PITS SHALL BE DESIGNED FOR RAILROAD / HIGHWAY LOADING. DESIGN CALCULATIONS AND DRAWINGS BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER SHALL BE SUBMITTED FOR NSRR REVIEW PRIOR TO CONSTRUCTION.
 - (G) - FILL ABANDONED BRICK SEWER AND MANHOLES WITH CLSM BETWEEN R511 AND R512 UPON COMPLETION OF SEWER RELOCATION. SEE SPECIAL PROVISIONS. CONFIRM THAT THERE ARE NO SERVICE CONNECTIONS IN ANY PORTION OF THE ABANDONED BRICK SEWER PRIOR TO FILLING. ALL UNDOCUMENTED SEWER SERVICES FOUND SHALL BE RECONNECTED TO THE NEW SEWER, AND ABANDONED SERVICE CONNECTIONS SHALL BE FILLED WITH CLSM.
 - (H) - PIPE ELBOW COST INCLUDED IN 30" SEWER. PIPE ELBOW W.P. LOCATIONS SHALL BE FIELD SURVEYED BY CONTRACTOR AND COORDINATES SUBMITTED TO THE ENGINEER.
 - (I) - TRACK MONITORING WILL BE REQUIRED. A TRACK MONITORING PLAN SHALL BE SUBMITTED FOR NSRR REVIEW PRIOR TO CONSTRUCTION. IF SETTLEMENT OCCURS DURING CONSTRUCTION N.S. MAY REQUIRE UP TO 30 DAYS OF POST-CONSTRUCTION MONITORING.
 - (J) - RAILROAD SIGNAL AND COMMUNICATION LINES NOT SHOWN.
 - (K) - (E) EXISTING FLS/GATE TO BE REMOVED. (P) PROPOSED FLS/GATE TO BE INSTALLED IN USABLE SEGMENT VI.
 - (L) - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR SUBMITTAL TO NSRR VIA EMAIL TO NS.PERMITTING@RAILPROS.COM

FINAL



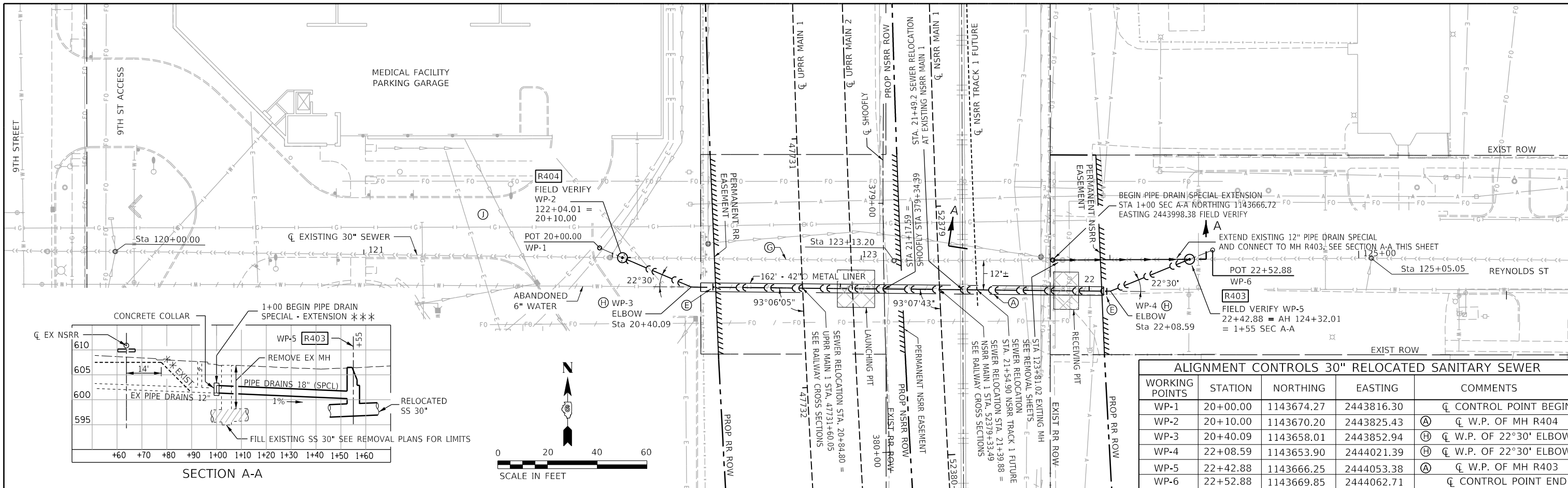
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

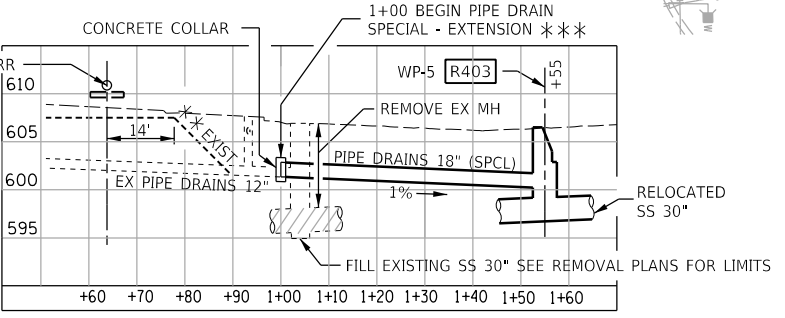
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
P&P SEWER RELOCATION AT RR - ENOS AVE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67.67A	20-00491-00-BR	SANGAMON	509	177
	09L0179B			CONTRACT NO. 93762
ILLINOIS FED. AID PROJECT				

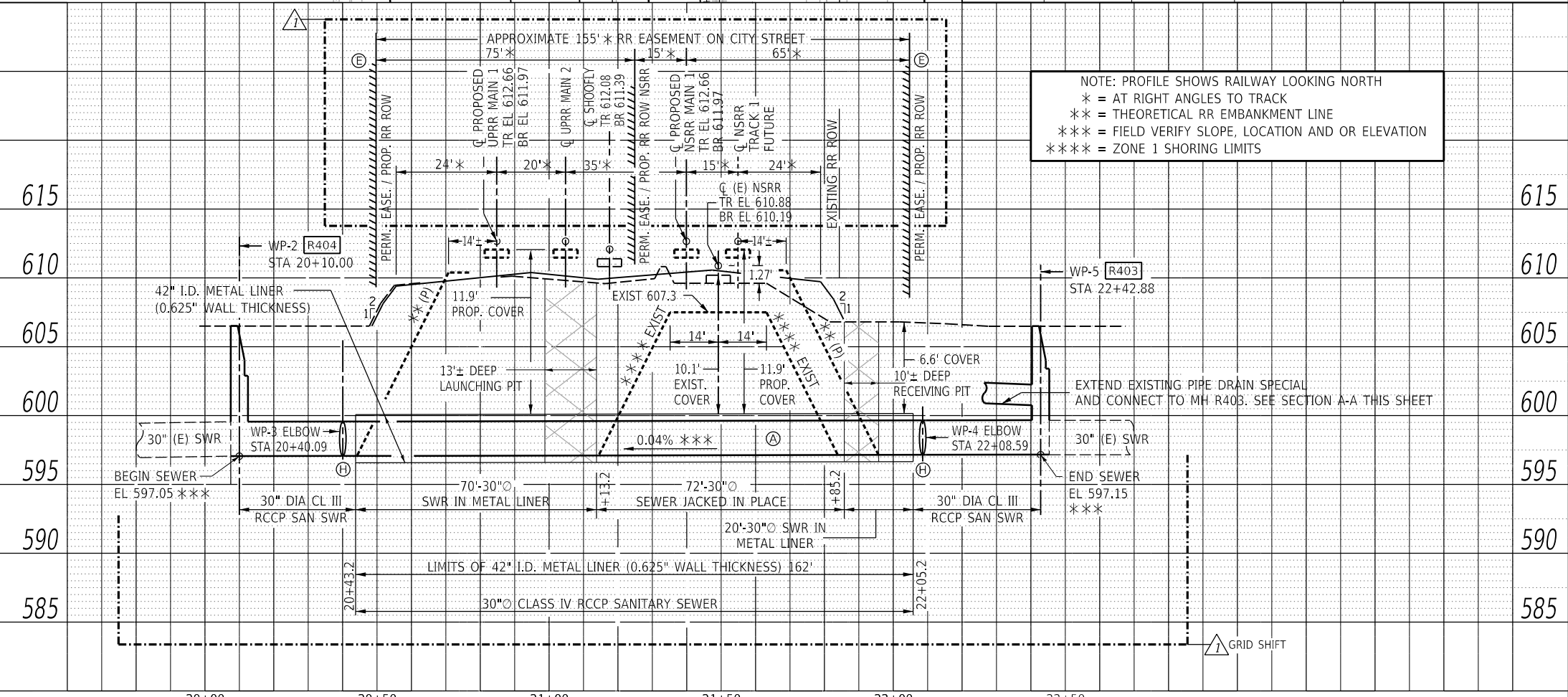
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.



ALIGNMENT CONTROLS 30" RELOCATED SANITARY SEWER				
WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	20+00.00	1143674.27	2443816.30	CL CONTROL POINT BEGIN
WP-2	20+10.00	1143670.20	2443825.43	(A) CL W.P. OF MH R404
WP-3	20+40.09	1143658.01	2443852.94	(H) CL W.P. OF 22°30' ELBOW
WP-4	22+08.59	1143653.90	2444021.39	(H) CL W.P. OF 22°30' ELBOW
WP-5	22+42.88	1143666.25	2444053.38	(A) CL W.P. OF MH R403
WP-6	22+52.88	1143669.85	2444062.71	CL CONTROL POINT END



- NOTES:**
- (A) - THE 30" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED DURING STAGE 1, PRIOR TO SHOOFLY TRACK CONSTRUCTION AND STAGE 2 & 4 EMBANKMENT CONSTRUCTION.
 - (B) - CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECS. THE BORING AND JACKING OPERATION SHALL BE PROGRESSED ON A 24-HOUR BASIS WITHOUT STOPPAGE UNTIL THE LEADING EDGE OF THE PIPE HAS REACHED THE RECEIVING PIT. **BLASTING NOT PERMITTED.**
 - (C) - 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.
 - (D) - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
 - (E) - SET PIPELINE MARKER SIGN, COST INCLUDED W/ 30" SEWER.
 - (F) - SOIL SUPPORT FOR LAUNCHING AND RECEIVING PITS SHALL BE DESIGNED FOR RAILROAD / HIGHWAY LOADING. DESIGN CALCULATIONS AND DRAWINGS BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER SHALL BE SUBMITTED FOR NSRR REVIEW PRIOR TO CONSTRUCTION.
 - (G) - FILL ABANDONED BRICK SEWER AND MANHOLES WITH CLSM BETWEEN R403 AND R404. UPON COMPLETION OF SEWER RELOCATION, SEE SPECIAL PROVISIONS. CONFIRM THAT THERE ARE NO SERVICE CONNECTIONS IN ANY PORTION OF THE ABANDONED BRICK SEWER PRIOR TO FILLING. ALL UNDOCUMENTED SEWER SERVICES FOUND SHALL BE RECONNECTED TO THE NEW SEWER. **AND ABANDONED SERVICE CONNECTIONS SHALL BE FILLED WITH CLSM.**
 - (H) - PIPE ELBOW COST INCLUDED IN 30" SEWER. PIPE ELBOW W.P. LOCATIONS SHALL BE FIELD SURVEYED BY CONTRACTOR AND COORDINATES SUBMITTED TO THE ENGINEER.
 - (I) - TRACK MONITORING WILL BE REQUIRED. A TRACK MONITORING PLAN SHALL BE SUBMITTED FOR NSRR REVIEW PRIOR TO CONSTRUCTION. IF SETTLEMENT OCCURS DURING CONSTRUCTION N.S. MAY REQUIRE UP TO 30 DAYS OF POST-CONSTRUCTION MONITORING.
 - (K) - CONTRACTOR SHALL NOT BLOCK OR USE ST JOHNS PARKING LOT FOR ACCESS TO COMPLETE THIS WORK.
 - (L) - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR SUBMITTAL TO NSRR VIA EMAIL TO NS.PERMITTING@RAILPROS.COM



NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
 * = AT RIGHT ANGLES TO TRACK
 ** = THEORETICAL RR EMBANKMENT LINE
 *** = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION
 **** = ZONE 1 SHORING LIMITS

FINAL



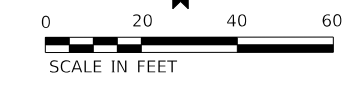
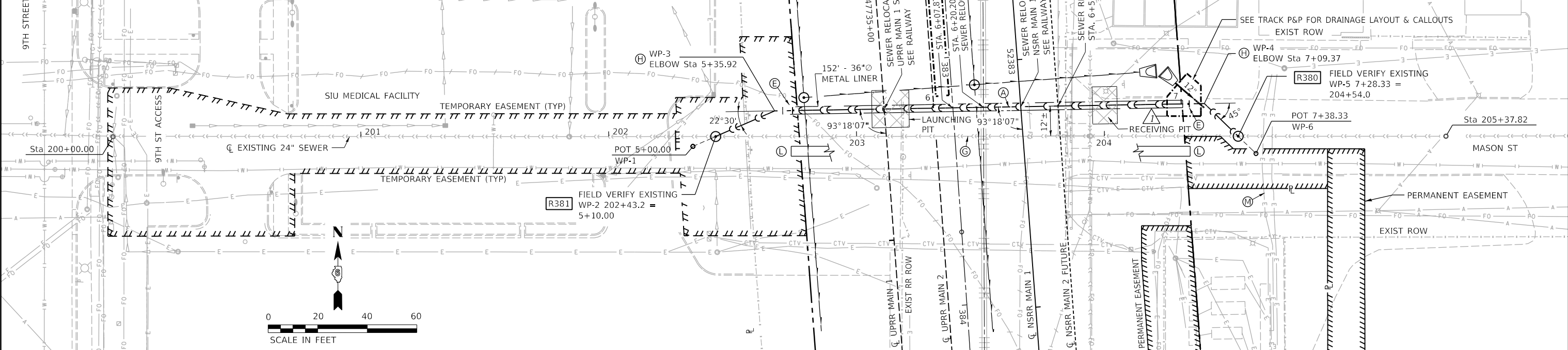
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	DATE - 1/6/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

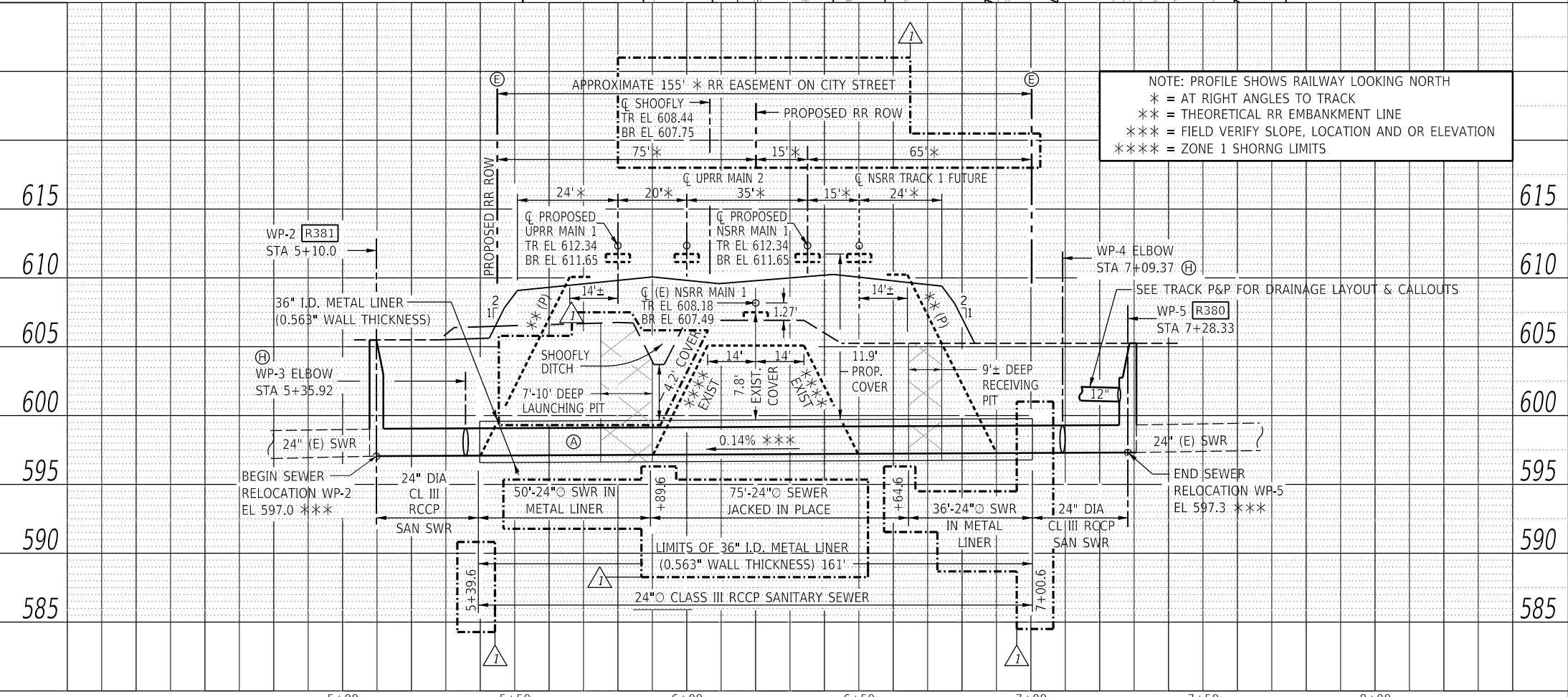
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 P&P SEWER RELOCATION AT RR - REYNOLDS ST /SIU MEDICAL FACILITY

F.A.U. RTE. 67.67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 178
	09L0179B	CONTRACT NO. 93762		
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT				

ALIGNMENT CONTROLS 24" RELOCATED SANITARY SEWER				
WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	5+00.00	1143256.55	2443840.56	☐ CONTROL POINT BEGIN
WP-2	5+10.00	1143260.40	2443849.78	ⓐ ☐ W.P. OF MH R381
WP-3	5+35.92	1143270.38	2443873.71	Ⓜ ☐ W.P. OF 22°30' ELBOW
WP-4	7+09.37	1143270.82	2444047.16	Ⓜ ☐ W.P. OF 45° ELBOW
WP-5	7+28.33	1143257.45	2444060.59	ⓐ ☐ W.P. OF MH R380
WP-6	7+38.33	1143250.40	2444067.68	☐ CONTROL POINT END



- NOTES:**
- ⓐ - THE 24" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED DURING STAGE 1, PRIOR TO SHOOFLY TRACK AND STAGE 2 & 4 EMBANKMENT CONSTRUCTION.
 - ⓑ - CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECS. THE BORING AND JACKING OPERATION SHALL BE PROGRESSED ON A 24-HOUR BASIS WITHOUT STOPPAGE UNTIL THE LEADING EDGE OF THE PIPE HAS REACHED THE RECEIVING PIT. **BLASTING NOT PERMITTED.**
 - ⓒ - 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.
 - ⓓ - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
 - ⓔ - SET PIPELINE MARKER SIGN, COST INCLUDED W/ 24" SEWER.
 - ⓕ - SOIL SUPPORT FOR LAUNCHING AND RECEIVING PITS SHALL BE DESIGNED FOR RAILROAD / HIGHWAY LOADING. DESIGN CALCULATIONS AND DRAWINGS BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER SHALL BE SUBMITTED FOR NSRR REVIEW PRIOR TO CONSTRUCTION.
 - ⓖ - FILL ABANDONED BRICK SEWER AND MANHOLES WITH CLSM BETWEEN R380 AND R381. UPON COMPLETION OF SEWER RELOCATION, SEE SPECIAL PROVISIONS. CONFIRM THAT THERE ARE NO SERVICE CONNECTIONS IN ANY PORTION OF THE ABANDONED BRICK SEWER PRIOR TO FILLING. ALL UNDOCUMENTED SEWER SERVICES FOUND SHALL BE RECONNECTED TO THE NEW SEWER. **AND ABANDONED SERVICE CONNECTIONS SHALL BE FILLED WITH CLSM.**
 - ⓗ - PIPE ELBOW COST INCLUDED IN 24" SEWER. PIPE ELBOW W.P. LOCATIONS SHALL BE FIELD SURVEYED BY CONTRACTOR AND COORDINATES SUBMITTED TO THE ENGINEER.
 - Ⓢ - TRACK MONITORING WILL BE REQUIRED. A TRACK MONITORING PLAN SHALL BE SUBMITTED FOR NSRR REVIEW PRIOR TO CONSTRUCTION. IF SETTLEMENT OCCURS DURING CONSTRUCTION N.S. MAY REQUIRE UP TO 30 DAYS OF POST-CONSTRUCTION MONITORING.
 - Ⓣ - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR SUBMITTAL TO NSRR VIA EMAIL TO NS.PERMITTING@RAILPROS.COM
 - Ⓤ - SEE RAILWAY PLAN AND PROFILES FOR ADDITIONAL DRAINAGE DETAIL & STRUCTURE #s
 - Ⓦ - PROPOSED ELECTRICAL DUCT RELOCATION BY OTHERS, COORDINATE CONSTRUCTION TO AVOID IMPACTS & DELAYS.
 - Ⓧ - EXISTING ELECTRICAL DUCT BANK TO REMAIN.



NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
 * = AT RIGHT ANGLES TO TRACK
 ** = THEORETICAL RR EMBANKMENT LINE
 *** = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION
 **** = ZONE 1 SHORNG LIMITS

FINAL

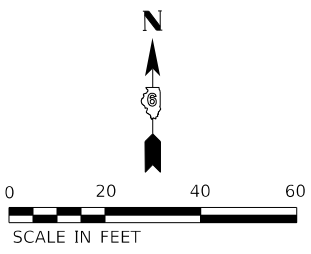
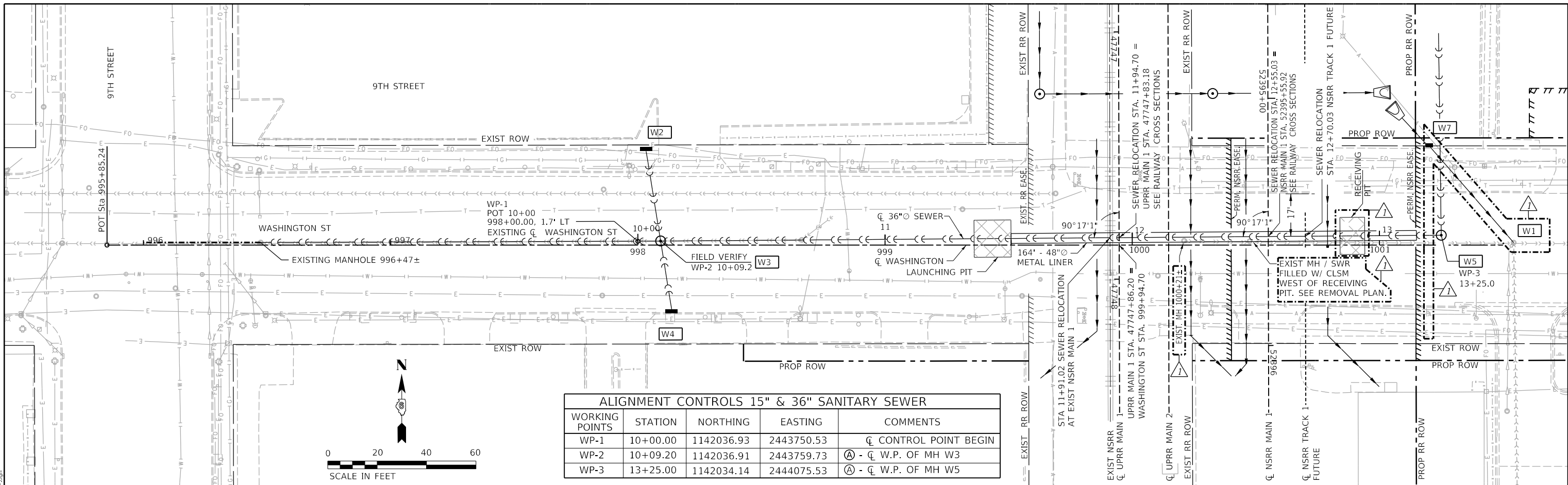


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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

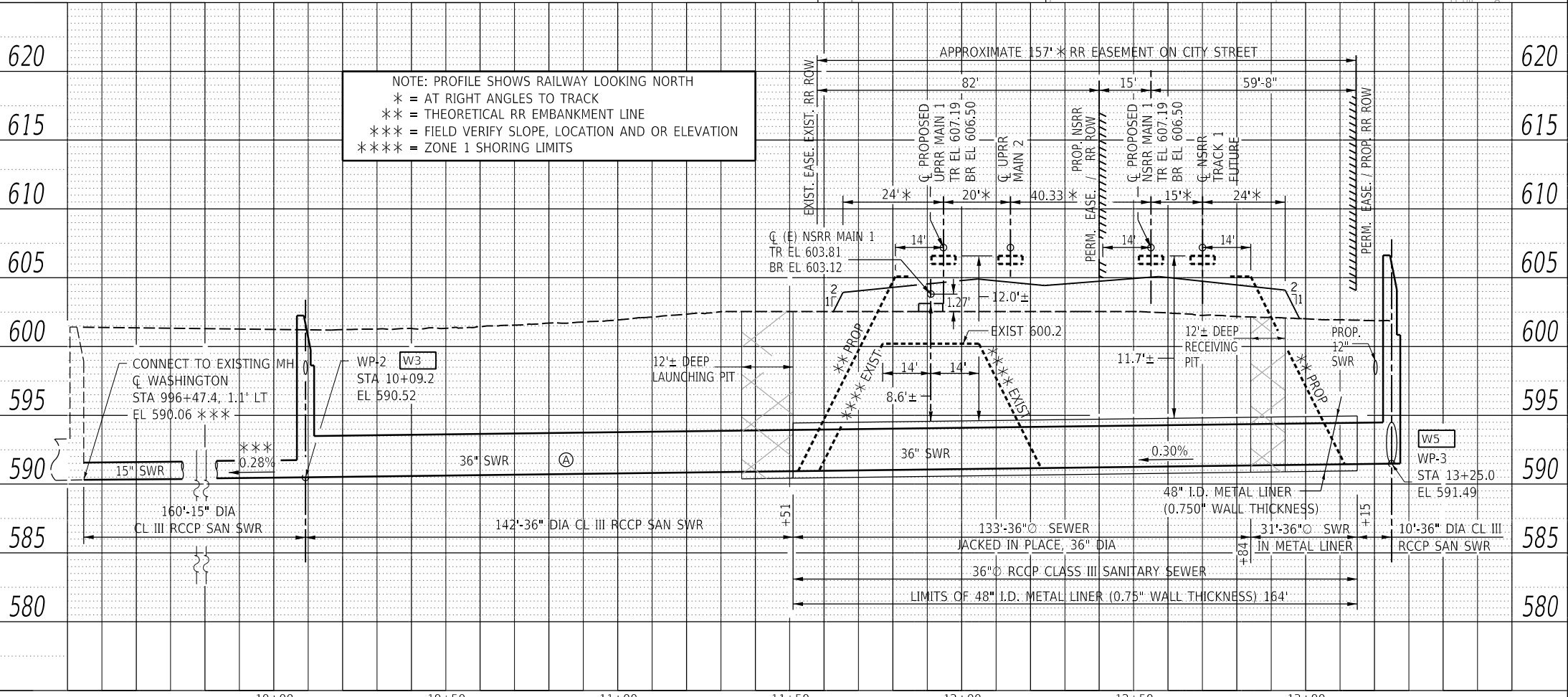
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 P&P SEWER RELOCATION AT RR - MASON ST /SIU MEDICAL FACILITY
 SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 179
09L0179B		CONTRACT NO. 93762	ILLINOIS FED. AID PROJECT	



ALIGNMENT CONTROLS 15" & 36" SANITARY SEWER				
WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	10+00.00	1142036.93	2443750.53	CL CONTROL POINT BEGIN
WP-2	10+09.20	1142036.91	2443759.73	A - CL W.P. OF MH W3
WP-3	13+25.00	1142034.14	2444075.53	A - CL W.P. OF MH W5

- NOTES:**
- A - THE 15" & 36" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED DURING STAGE 2 PRIOR TO THE GRADE IMPROVEMENTS ALONG WASHINGTON STREET. FINAL MH LID ELEVATIONS NEED TO BE COORDINATED WITH WASHINGTON ST IMPROVEMENTS. SEE PLAN AND PROFILE - WASHINGTON STREET FOR PROPOSED ROADWAY IMPROVEMENT ITEMS.
 - B - CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECS. THE BORING AND JACKING OPERATION SHALL BE PROGRESSED ON A 24-HOUR BASIS WITHOUT STOPPAGE UNTIL THE LEADING EDGE OF THE PIPE HAS REACHED THE RECEIVING PIT. **BLASTING NOT PERMITTED.**
 - C - 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.
 - D - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
 - E - SOIL SUPPORT FOR LAUNCHING AND RECEIVING PITS SHALL BE DESIGNED FOR RAILROAD / HIGHWAY LOADING. DESIGN CALCULATIONS AND DRAWINGS BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER SHALL BE SUBMITTED FOR NSRR REVIEW PRIOR TO CONSTRUCTION.
 - F - **FILL ABANDONED BRICK SEWER AND MANHOLES WITH CLSM BETWEEN EXIST. MH AT 1000+21 TO WESTSIDE OF RECEIVING PIT.** UPON COMPLETION OF SEWER RELOCATION. SEE SPECIAL PROVISIONS. CONFIRM THAT THERE ARE NO SERVICE CONNECTIONS IN ANY PORTION OF THE ABANDONED BRICK SEWER PRIOR TO FILLING. ALL UNDOCUMENTED SEWER SERVICES FOUND SHALL BE RECONNECTED TO THE NEW SEWER. **AND ABANDONED SERVICE CONNECTIONS SHALL BE FILLED WITH CLSM.**
 - G - TRACK MONITORING WILL BE REQUIRED. **A TRACK MONITORING PLAN SHALL BE SUBMITTED FOR NSRR REVIEW PRIOR TO CONSTRUCTION.** IF SETTLEMENT OCCURS DURING CONSTRUCTION N.S. MAY REQUIRE UP TO 30 DAYS OF POST-CONSTRUCTION MONITORING.
 - H - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR SUBMITTAL TO NSRR VIA EMAIL TO NS.PERMITTING@RAILPROS.COM
 - I - SEE RAILWAY PLAN AND PROFILES FOR ADDITIONAL DRAINAGE DETAIL & STRUCTURE #S



NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
 * = AT RIGHT ANGLES TO TRACK
 ** = THEORETICAL RR EMBANKMENT LINE
 *** = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION
 **** = ZONE 1 SHORING LIMITS

FINAL



USER NAME = Pop00275	DESIGNED - JWM	REVISED - 1/6/2022 C.L.G.
PLOT SCALE = 40,0000' / In.	DRAWN - CLG	REVISED -
PLOT DATE = 1/6/2022	CHECKED - JWM	REVISED -
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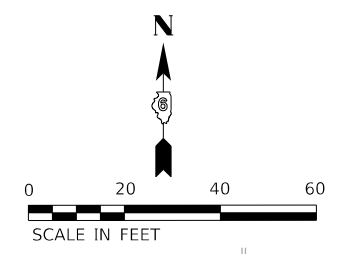
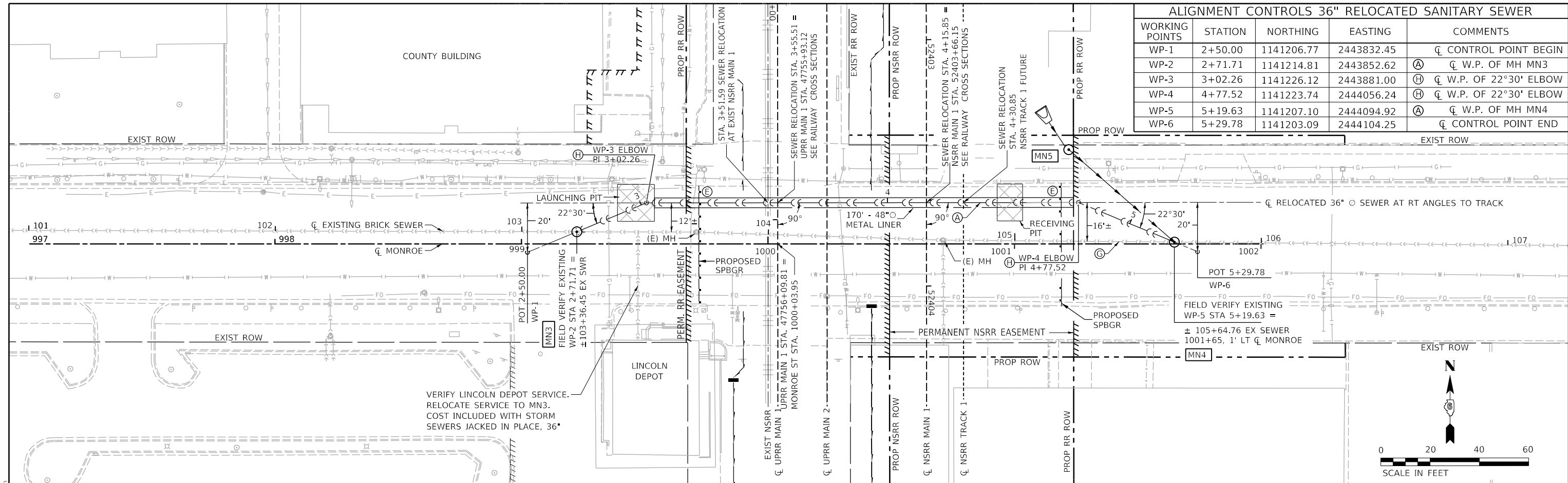
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 P&P SEWER RELOCATION AT RR - WASHINGTON STREET

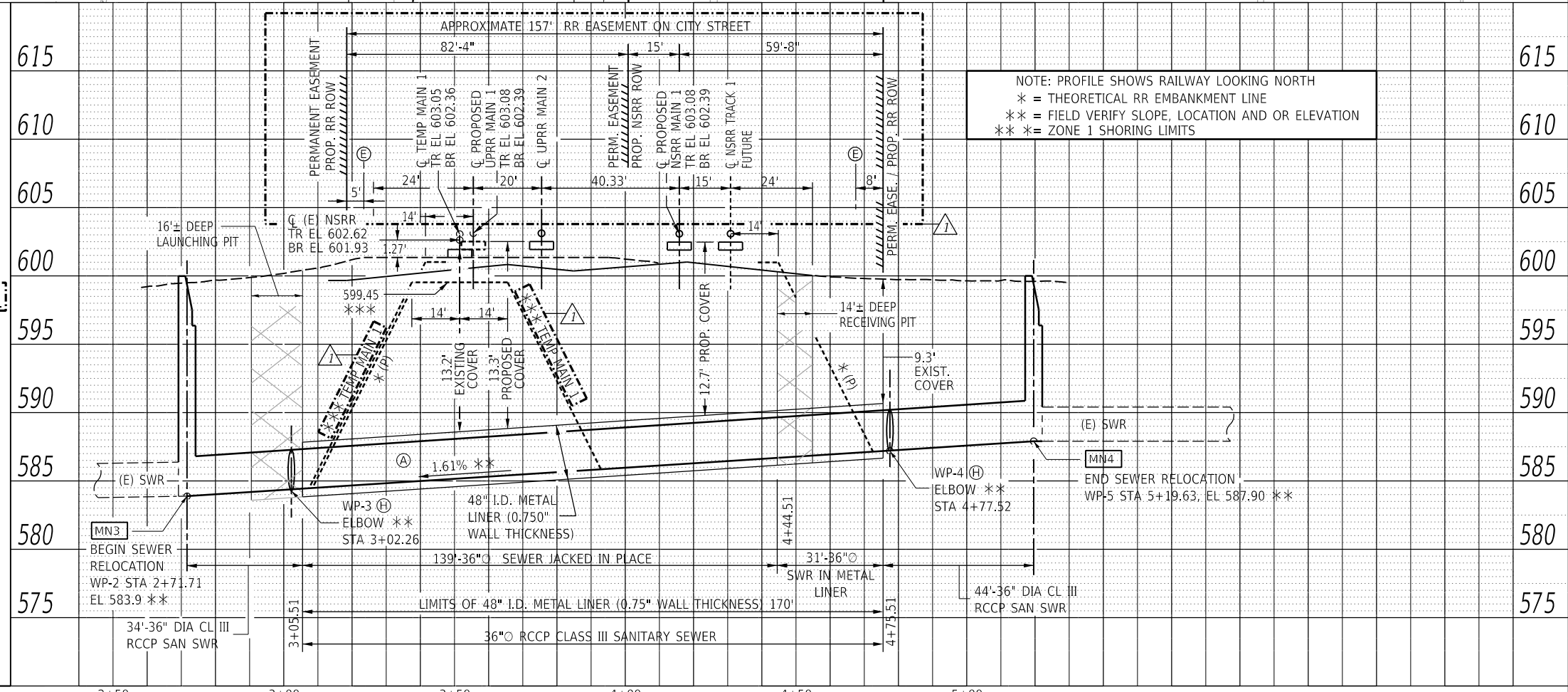
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09L0179B		CONTRACT NO. 93762	ILLINOIS FED. AID PROJECT	

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

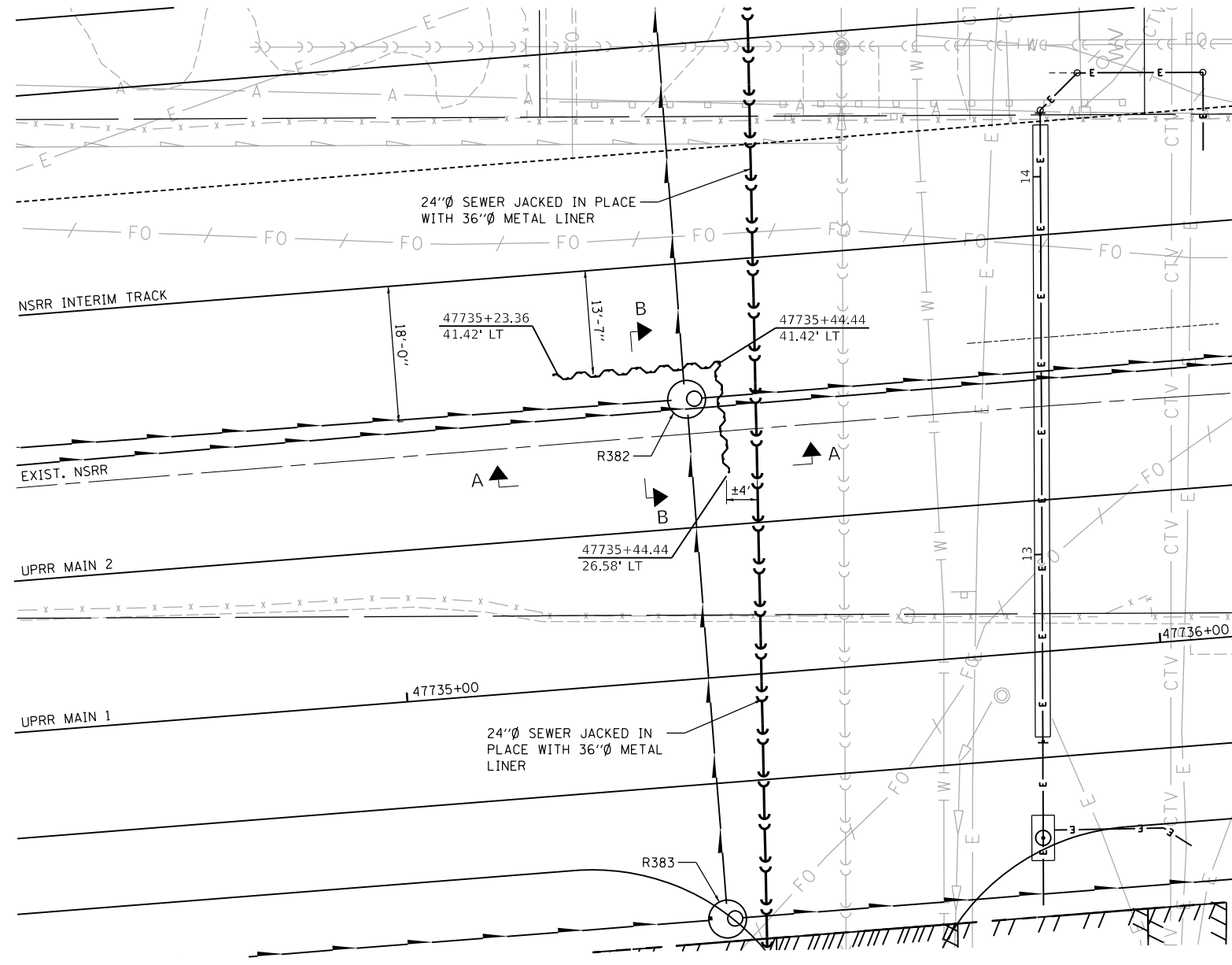
ALIGNMENT CONTROLS 36" RELOCATED SANITARY SEWER				
WORKING POINTS	STATION	NORTHING	EASTING	COMMENTS
WP-1	2+50.00	1141206.77	2443832.45	☐ CONTROL POINT BEGIN
WP-2	2+71.71	1141214.81	2443852.62	Ⓐ ☐ W.P. OF MH MN3
WP-3	3+02.26	1141216.12	2443881.00	Ⓓ ☐ W.P. OF 22°30' ELBOW
WP-4	4+77.52	1141223.74	2444056.24	Ⓓ ☐ W.P. OF 22°30' ELBOW
WP-5	5+19.63	1141207.10	2444094.92	Ⓐ ☐ W.P. OF MH MN4
WP-6	5+29.78	1141203.09	2444104.25	☐ CONTROL POINT END



- NOTES:**
- Ⓐ - THE 36" DIAMETER SANITARY SEWER SHALL BE CONSTRUCTED DURING STAGE 1, PRIOR TO THE GRADE IMPROVEMENTS ALONG MONROE STREET. FINAL MH LID ELEVATIONS NEED TO BE COORDINATED WITH MONROE ST IMPROVEMENTS. SEE PLAN AND PROFILE - MONROE STREET FOR PROPOSED ROADWAY IMPROVEMENT ITEMS
 - Ⓑ - CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S NSCE-8 SPECS. THE BORING AND JACKING OPERATION SHALL BE PROGRESSED ON A 24-HOUR BASIS WITHOUT STOPPAGE UNTIL THE LEADING EDGE OF THE PIPE HAS REACHED THE RECEIVING PIT. **BLASTING NOT PERMITTED.**
 - Ⓒ - 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.
 - Ⓓ - SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
 - Ⓔ - SET PIPELINE MARKER SIGN BEHIND GUARDRAIL. SEE MONROE STREET ENLARGED PLAN. COST INCLUDED IN 36" SEWER.
 - Ⓕ - SOIL SUPPORT FOR LAUNCHING AND RECEIVING PITS SHALL BE DESIGNED FOR RAILROAD / HIGHWAY LOADING. DESIGN CALCULATIONS AND DRAWINGS BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER SHALL BE SUBMITTED FOR NSRR REVIEW PRIOR TO CONSTRUCTION.
 - Ⓖ - **FILL ABANDONED C.I.P.B. LINED BRICK SEWER AND MANHOLES WITH CLSM BETWEEN MN3 AND MN4 UPON COMPLETION OF SEWER RELOCATION. SEE SPECIAL PROVISIONS. CONFIRM THAT THERE ARE NO SERVICE CONNECTIONS IN ANY PORTION OF THE ABANDONED BRICK SEWER PRIOR TO FILLING. ALL UNDOCUMENTED SEWER SERVICES FOUND SHALL BE RECONNECTED TO THE NEW SEWER. AND ABANDONED SERVICE CONNECTIONS SHALL BE FILLED WITH CLSM.**
 - Ⓗ - PIPE ELBOW COST INCLUDED IN 36" SEWER. PIPE ELBOW W.P. LOCATIONS SHALL BE FIELD SURVEYED BY CONTRACTOR AND COORDINATES SUBMITTED TO THE ENGINEER.
 - Ⓘ - TRACK MONITORING WILL BE REQUIRED. A TRACK MONITORING PLAN SHALL BE SUBMITTED FOR NSRR REVIEW PRIOR TO CONSTRUCTION. IF SETTLEMENT OCCURS DURING CONSTRUCTION N.S. MAY REQUIRE UP TO 30 DAYS OF POST-CONSTRUCTION MONITORING.
 - Ⓚ - RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR SUBMITTAL TO NSRR VIA EMAIL TO NS.PERMITTING@RAILPROS.COM
 - Ⓛ - SEE RAILWAY PLAN AND PROFILES FOR ADDITIONAL DRAINAGE DETAIL & STRUCTURE #S



NOTE: PROFILE SHOWS RAILWAY LOOKING NORTH
 * = THEORETICAL RR EMBANKMENT LINE
 ** = FIELD VERIFY SLOPE, LOCATION AND OR ELEVATION
 *** = ZONE 1 SHORING LIMITS



PLAN

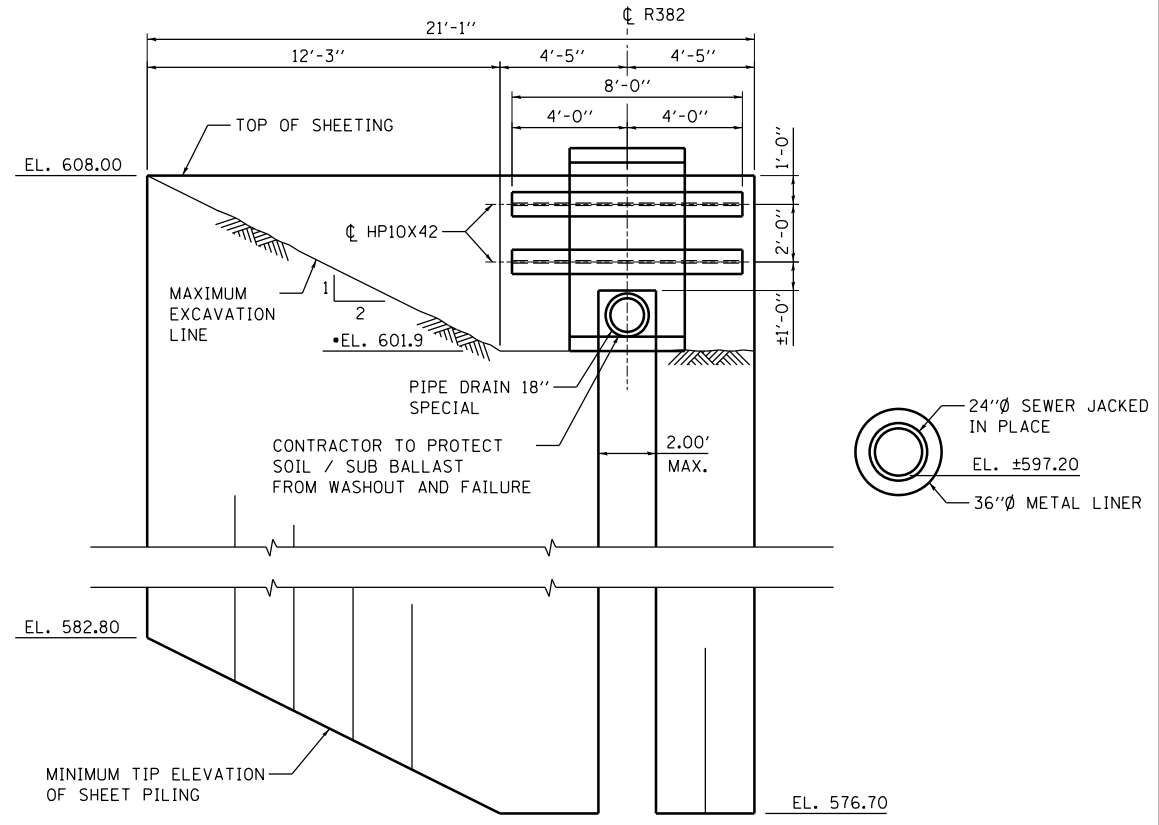
BILL OF MATERIAL

ITEM	UNIT	TOTAL
TEMPORARY SHEET PILING	SO FT	1000

NOTES:
 IF THE CONTRACTOR CHOOSES TO ALTER THE TEMPORARY CANTILEVERED SHEET PILING DESIGN REQUIREMENTS SHOWN ON THE PLANS, A DESIGN SUBMITTAL INCLUDING PLAN DETAILS AND CALCULATIONS WILL BE REQUIRED FOR REVIEW AND ACCEPTANCE BY THE ENGINEER AND RAILROAD.

DISTANCE BETWEEN SHEETING AND JACKED IN PLACE SEWER BASED ON PROPOSED ALIGNMENT OF RELOCATED SEWER. SEE P&P SEWER RELOCATION AT RR - MASON ST / SIU MEDICAL FACILITY SHEET FOR WORKING POINTS OF RELOCATED SEWER. CONTRACTOR TO VERIFY AS-BUILT RELOCATED SEWER PRIOR TO DRIVING SHEETING.

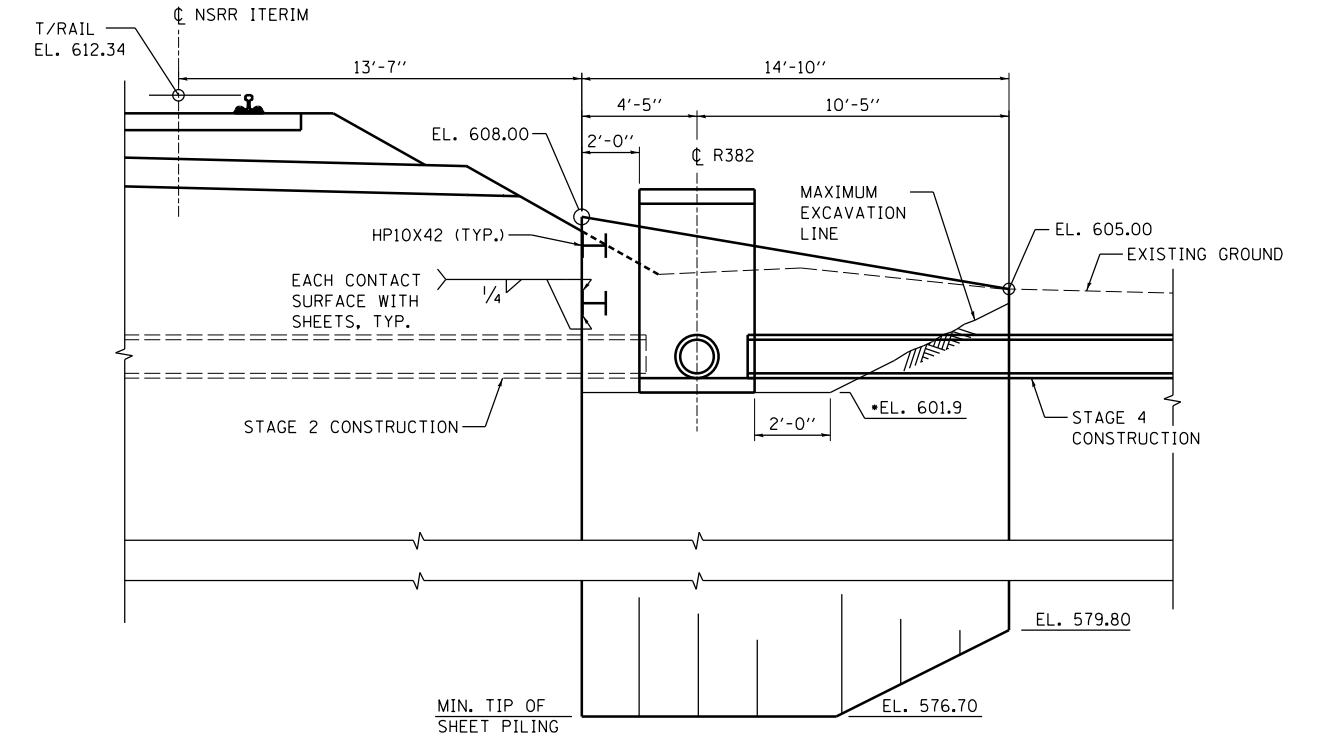
HP10X42 COST INCLUDED WITH TEMPORARY SHEET PILING.



SECTION A-A
(PARALLEL TO NSRR INTERIM TRACK)

•VERIFY WITH PRECAST SHOP DRAWINGS

MINIMUM SECTION MODULUS = 30in³/FT
 MINIMUM MOMENT OF INERTIA = 550in⁴/FT



SECTION B-B
(AT RT. L'S TO SHEET PILING)

FINAL

MODEL: Sheet 1
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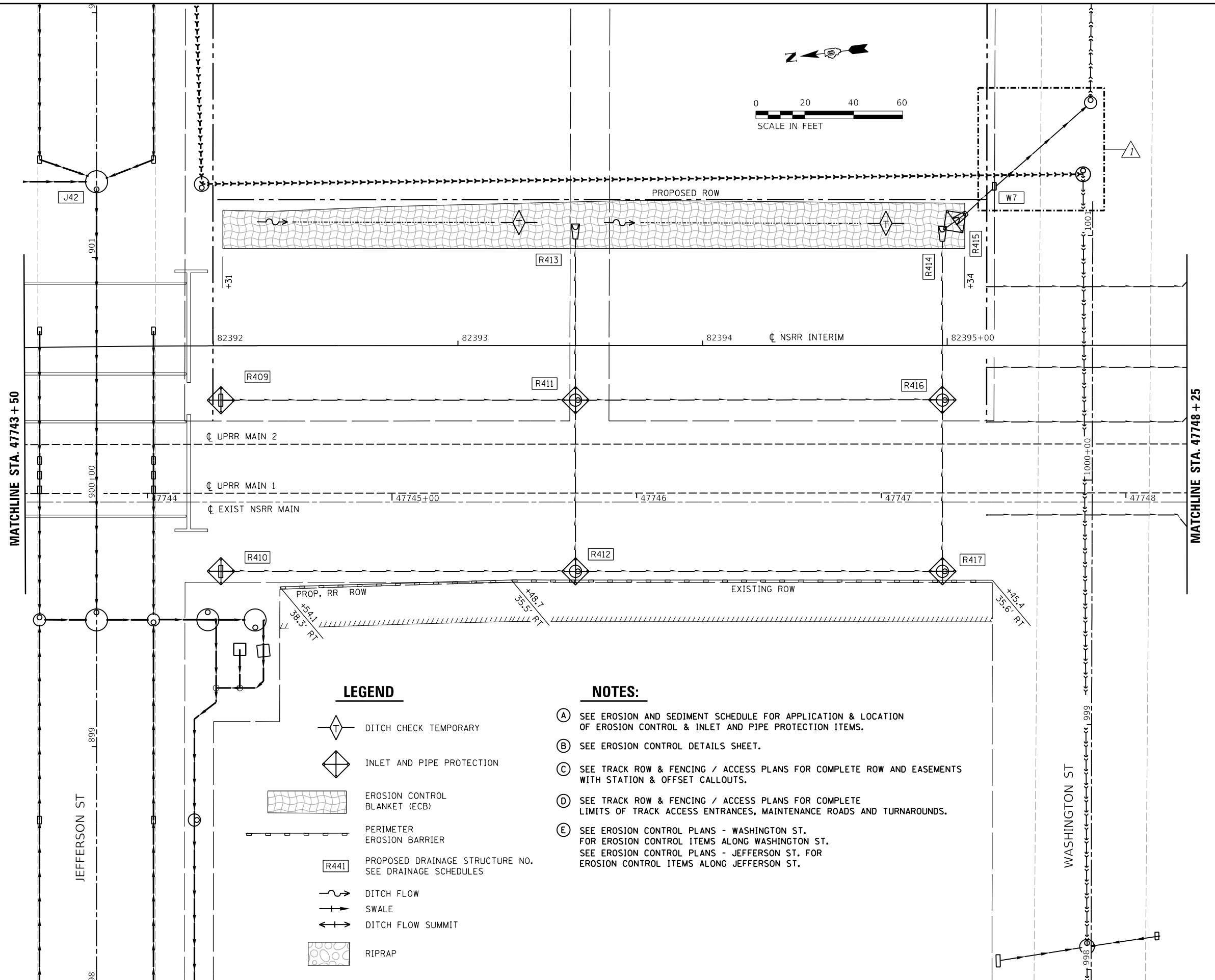
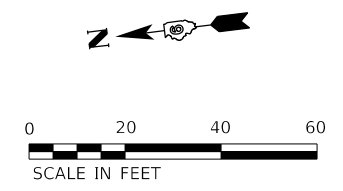
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PLOT DATE = 1/6/2022	CHECKED - MNM	REVISED -
	DATE - 1/6/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 TEMPORARY SHEET PILING DETAILS - 1

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 186
09L0179B		CONTRACT NO. 93762		
ILLINOIS FED. AID PROJECT				

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



LEGEND

- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- EROSION CONTROL BLANKET (ECB)
- PERIMETER EROSION BARRIER
- PROPOSED DRAINAGE STRUCTURE NO. SEE DRAINAGE SCHEDULES
- DITCH FLOW
- SWALE
- DITCH FLOW SUMMIT
- RIPRAP

NOTES:

- (A) SEE EROSION AND SEDIMENT SCHEDULE FOR APPLICATION & LOCATION OF EROSION CONTROL & INLET AND PIPE PROTECTION ITEMS.
- (B) SEE EROSION CONTROL DETAILS SHEET.
- (C) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE ROW AND EASEMENTS WITH STATION & OFFSET CALLOUTS.
- (D) SEE TRACK ROW & FENCING / ACCESS PLANS FOR COMPLETE LIMITS OF TRACK ACCESS ENTRANCES, MAINTENANCE ROADS AND TURNAROUNDS.
- (E) SEE EROSION CONTROL PLANS - WASHINGTON ST. FOR EROSION CONTROL ITEMS ALONG WASHINGTON ST. SEE EROSION CONTROL PLANS - JEFFERSON ST. FOR EROSION CONTROL ITEMS ALONG JEFFERSON ST.

FINAL

MODEL: Sheet 5
 FILE NAME: p:\projects\hanson\csw\hanson\csw\09\09\01\798\Usable_Segments_III - V - V\CAD\Rail\Usable_Segment_III\SheetD609.01798-SHT-Track-Erosion_Control.dgn



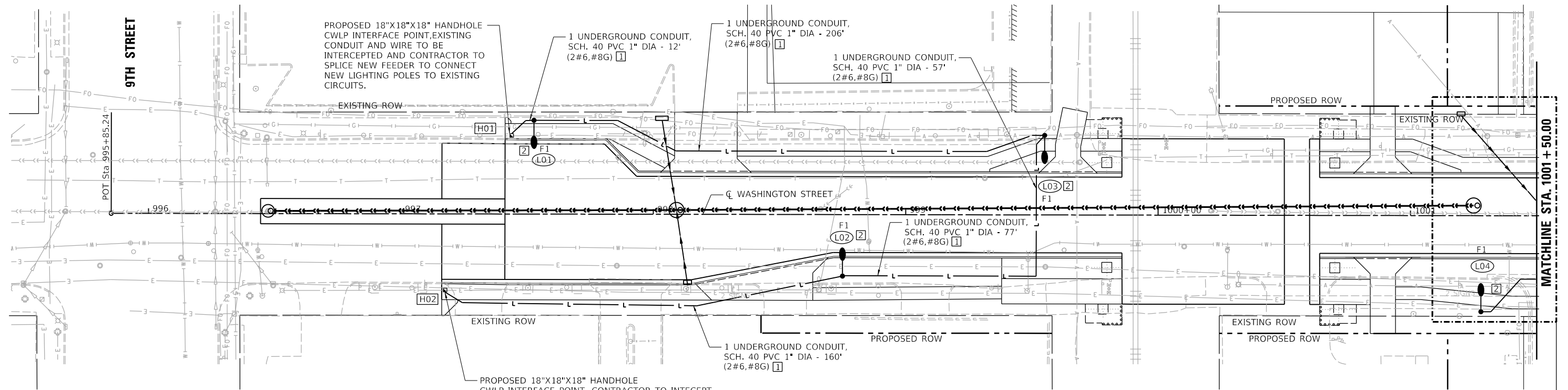
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PLOT DATE = 1/6/2022	CHECKED - MNM	REVISED -
	DATE - 1/6/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 EROSION CONTROL PLANS - TRACK - 9

SCALE: SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 201
09L0179B		CONTRACT NO. 93762		
ILLINOIS		FED. AID PROJECT		



KEYED NOTES

- 1] ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 1-1/C NO. 6 (PAY ITEM #81702130), 1-1/C NO. 8 (PAY ITEM #81702120) (TYP. WITHIN CONDUIT EMBEDDED IN STRUCTURE, UNDERGROUND CONDUIT OR CONDUIT ATTACHED TO STRUCTURE)
- 2] CONTRACTOR TO PROVIDE AND INSTALL WIRE, CONDUIT, FOUNDATION, LIGHT POLE, AND FIXTURE PER THE CWLP STANDARDS.
- 3] VERTICAL RUN UP EXISTING POWER POLE. LEAVE 10' OF SLACK WIRE TO CONNECT TO ELECTRICAL SYSTEM. COORDINATE WITH CWLP ON CONNECTING TO ELECTRICAL SYSTEM. ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 1/C NO. 6 (PAY ITEM #81702130), 1-1/C NO. 8 (PAY ITEM #81702120) (TYP. WITHIN CONDUIT EMBEDDED IN STRUCTURE, UNDERGROUND CONDUIT OR CONDUIT ATTACHED TO STRUCTURE)

LEGEND

- (L11) FIXTURE REFERENCE NUMBER
- LIGHT POLE
- ELECTRICAL HANDHOLE
- L — LIGHTING ELECTRIC CABLE

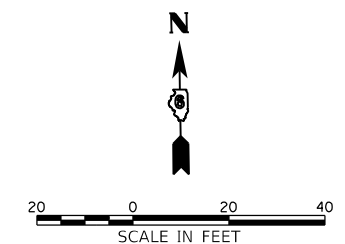
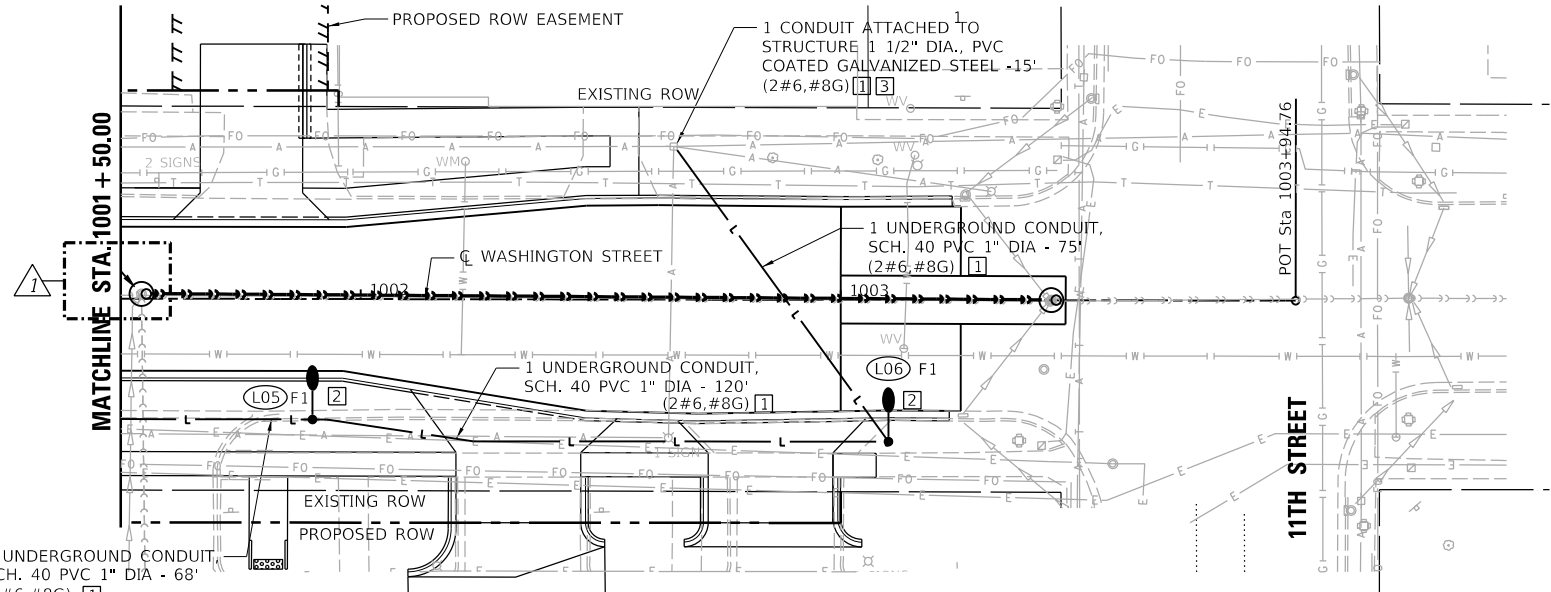
HANDHOLE REF. NO.	STATION	OFFSET	SIZE
WASHINGTON STREET			
H01	997+50.00	36.00' RT	18"X18"X18"
H02	997+50.00	37.00' LT	18"X18"X18"

FIXTURE REF. NO.	STATION	OFFSET	POLE HT.	NOTES
WASHINGTON STREET				
L01	997+53.00	37.09' LT	27.00'	
L02	998+75.00	24.33' RT	27.00'	
L03	999+55.00	31.48' LT	27.00'	
L04	1001+28.00	38.00' RT	27.00'	
L05	1001+90.00	25.10' RT	27.00'	
L06	1003+10.00	29.60' RT	27.00'	

LIGHTING FIXTURE SCHEDULE						
FIXT. TYPE	DESCRIPTION	MANUFACTURER & CATALOG NO.	LAMPS/ WATTS	VOLTS	MOUNTING	REMARKS
F1	27" HIGH ROUND 16 FLUTED DECORATE R100 STEEL POLE LIGHTING FIXTURE. TEARDROP RENAISSANCE WITH MAST DEC DOUBLE BENT 5FT FOR RN20 LUMINAIRE, HOUSING WITH DECROATIVE CROWN. WEATHERPROOF, 250W HPS, TYPE 3 DISTRIBUTION.	LUMEC: RN20-250HPS=THA3-ACDR-QTA/240-SMA-CR1-RC-BKTX	250W HPS 3000K	MVOLT	POLE CATALOG: LUMEC: R100D-005-27 GFII-BKTX	PHOTO EYE RECETPACLE AND PHOTO EYE. BOLTED TO 30" FOUNDATION WITH REBAR CAGE.

GENERAL NOTE

- 1. SEE LIGHTING DETAILS-ROAD-4 SHEET LIGHT POLE AND FOUNDATION DETAIL.
- 2. LENGTHS PROVIDED FOR CONDUIT AND WIRE REPRESENT TYPICAL HORIZONTAL DISTANCES FROM POINT TO POINT. VERTICAL DISTANCES FOR BURIAL OF CONDUIT ARE NOT INCLUDED. SIX(6) ADDITIONAL FEET IS ADDED TO THE CONDUIT LENGTH FOR TYPICAL WIRE LENGTHS FOR SLACK AND TERMINATIONS BUT AGAIN THE VERTICAL LENGTHS FOR BURIAL ARE NOT INCLUDED. CONTRACTOR SHALL ACCOUNT FOR NOTED ITEMS IN THEIR OVERALL UNIT PRICING.



FINAL

MODEL: Sheet 5
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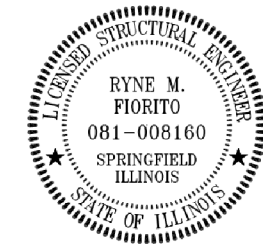
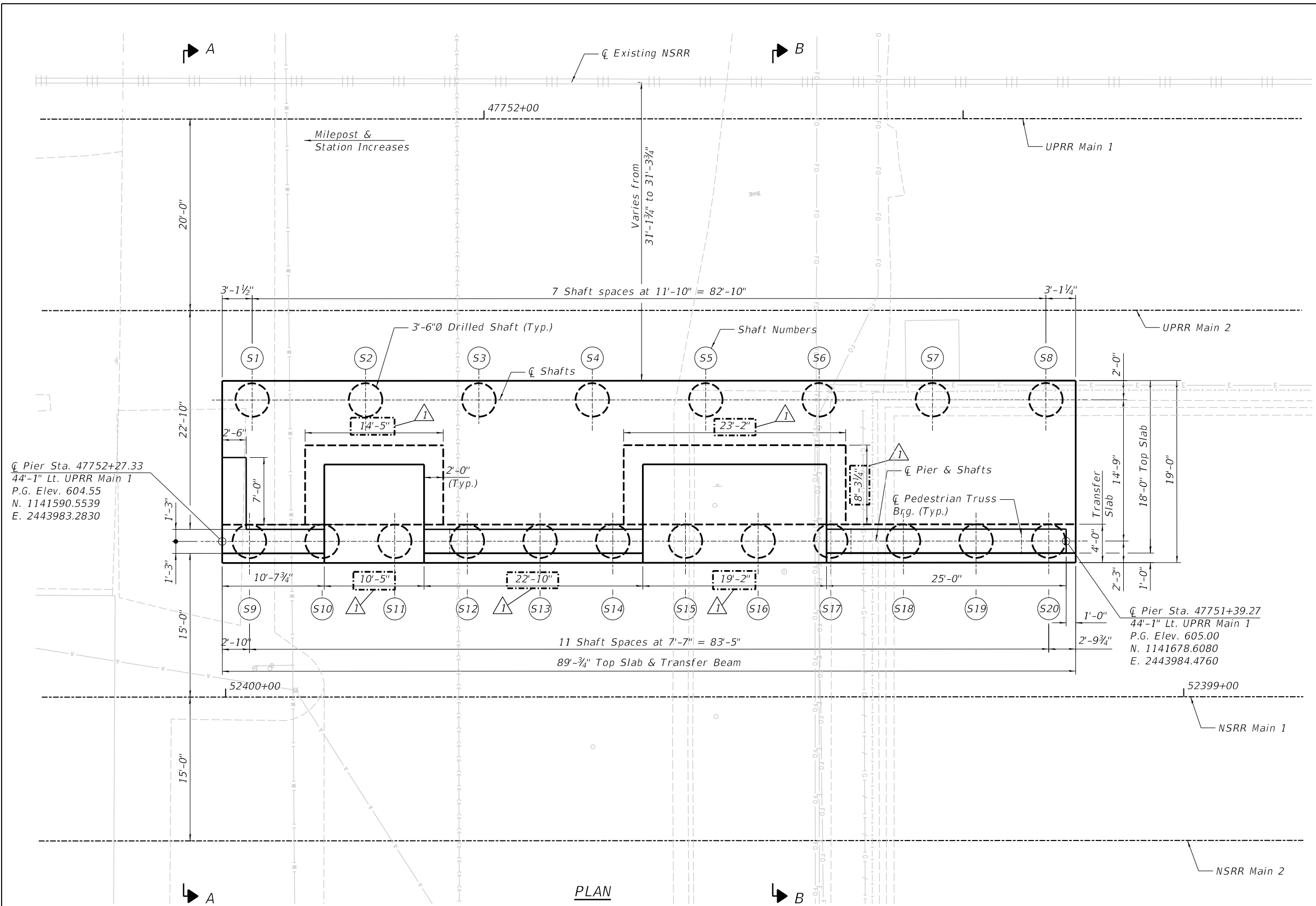
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	PLOT DATE = 1/6/2022	CHECKED - RDN	REVISED -
		DATE - 1/6/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
LIGHTING PLAN - WASHINGTON STREET

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 232
09L0179B		CONTRACT NO. 93762		
ILLINOIS FED. AID PROJECT				

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



SIGNATURE

11/1/2021
DATE

LIC. EXP. DATE : 11/30/22



FINAL

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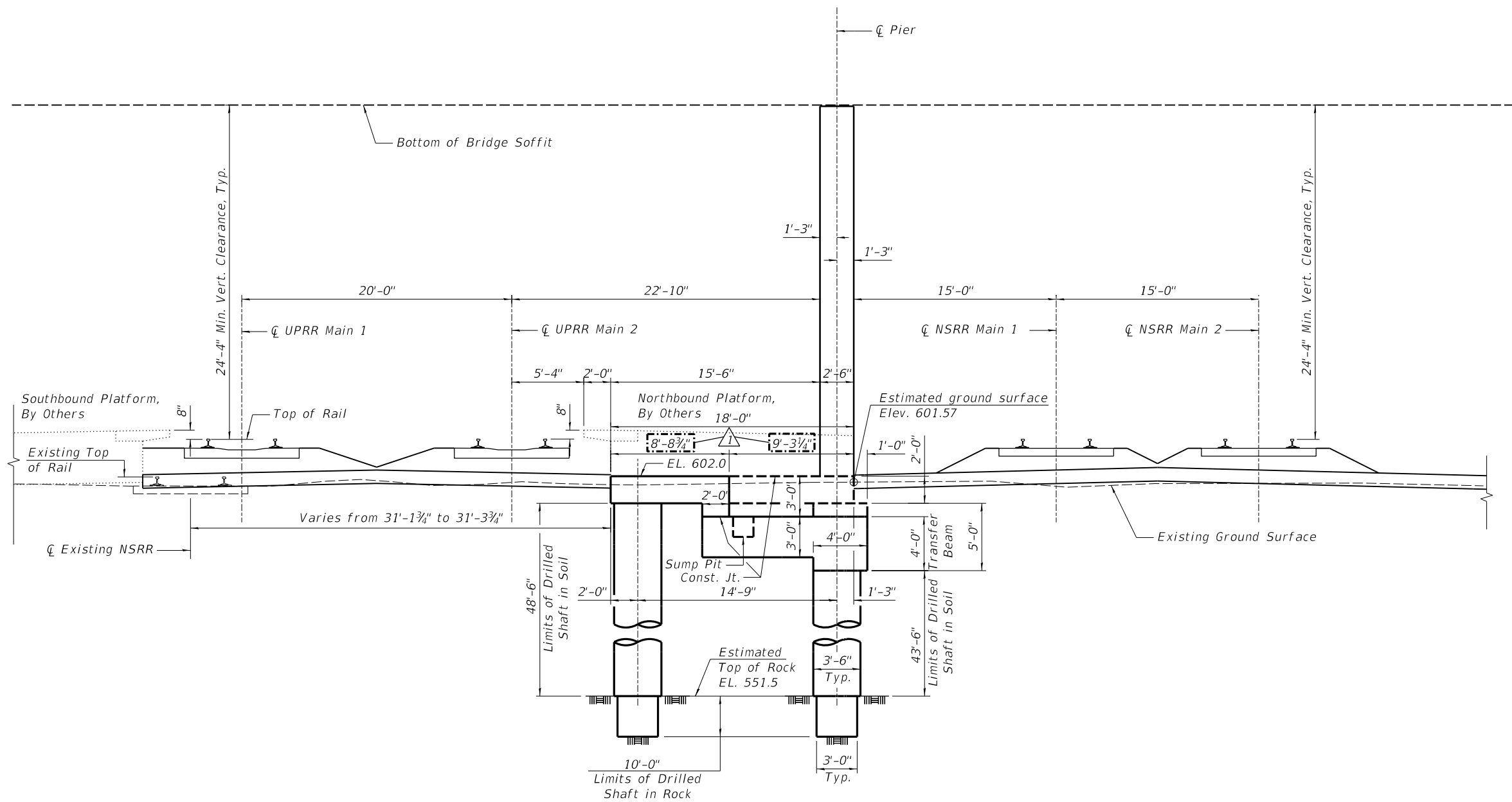
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PLOT DATE = 1/6/2022	CHECKED - MNM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSPORTATION CENTER PIER
PLAN

SHEET NO. 1 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	424
CONTRACT NO.			93762	
ILLINOIS FED. AID PROJECT				



SECTION B-B
(Looking North)

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FINAL



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	CHECKED - CGP	REVISED -
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PLOT DATE = 1/6/2022	CHECKED - JGT	REVISED -

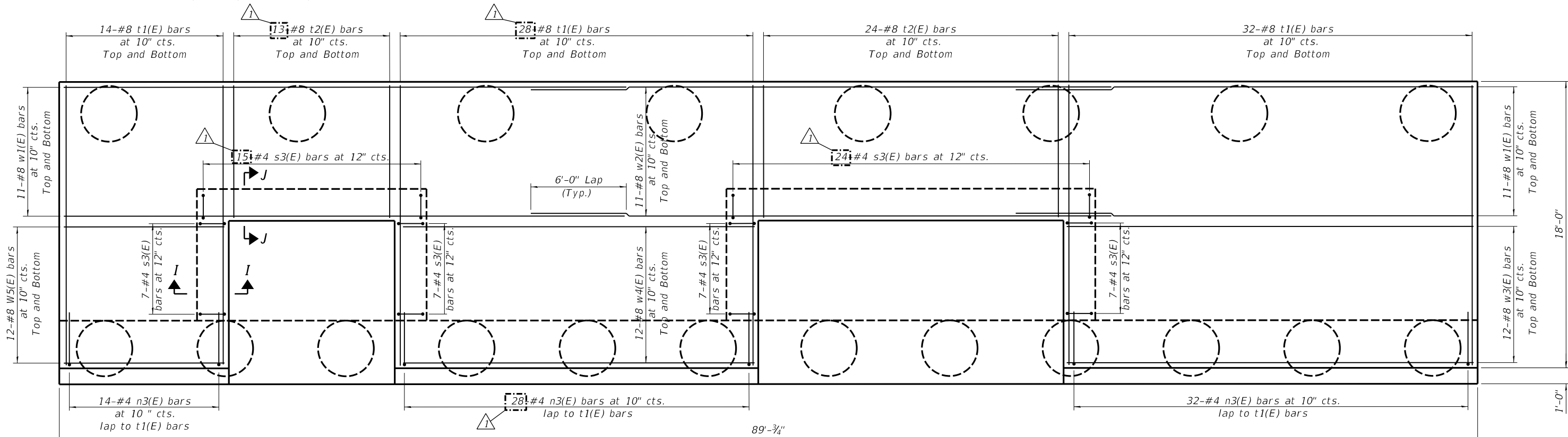
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSPORTATION CENTER PIER
SECTION B-B

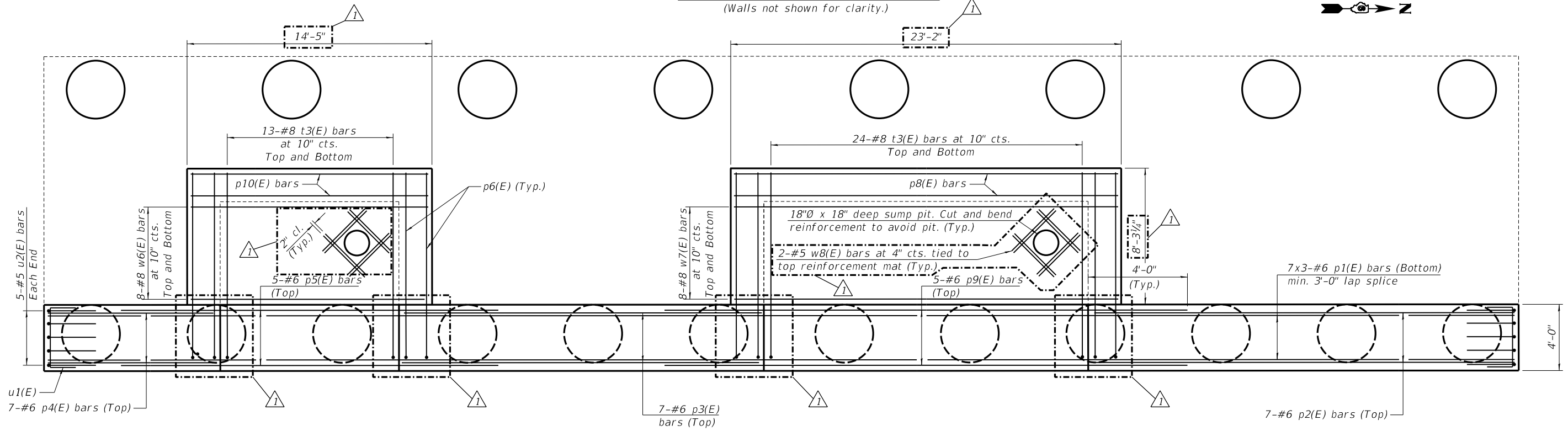
SHEET NO. 3 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	426
CONTRACT NO.			93762	
ILLINOIS FED. AID PROJECT				

Notes:
 Bars indicated thus 7x3-#6 etc. indicates 7 lines of bars with 3 lengths per line.
 For bar list and Bill of Material, See Sheet 7 of 8.
 See Section I-I for p6(E) bar layout.
 See Section J-J for p8(E) & p10(E) bar layout.



TOP SLAB REINFORCEMENT PLAN
 (Walls not shown for clarity.)



BOTTOM SLAB AND TRANSFER BEAM REINFORCEMENT PLAN
 (Walls and top slab not shown for clarity.)

p:\hanson\nc-pw.bentley.com\hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - V\CAD\Struct\Usable Segment III\Transportation\Sheet\09L0179B-TCP_Pier_Detail.dgn

FINAL



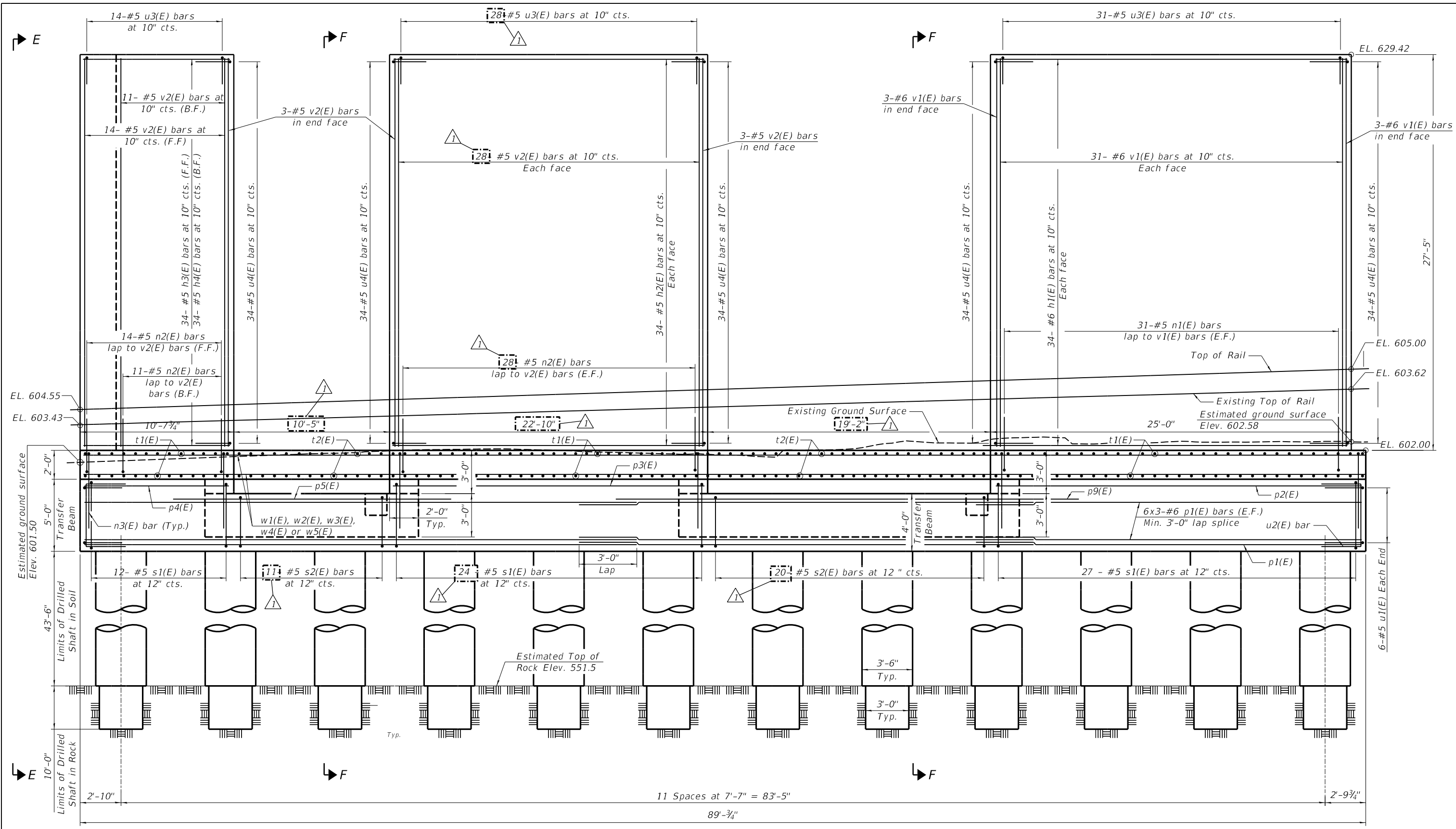
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PLOT DATE = 1/6/2022	DRAWN - RSJ	REVISED -
	CHECKED - JGT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSPORTATION CENTER PIER
PIER DETAILS 1

SHEET NO. 4 OF 8 SHEETS

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 427
CONTRACT NO. 93762			ILLINOIS FED. AID PROJECT	



ELEVATION
(Looking West)

Notes:
 Bars indicated thus 6x3-#6 etc. indicates 6 line of bars with 3 lengths per line.
 For bar list and Bill of Material, See Sheet 7 of 8

pw:\hansoninc-pw\entley.com\hanson-pw-01\Documents\09Jobs\09L0179B\Usable Segments III - V - V\CAD\Struct\Usable Segment III\Transportation\Sheet\09L0179B-TCP_Pier_Detail2.dgn

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PLOT DATE = 1/6/2022	DRAWN - RSJ	REVISED -
	CHECKED - JGT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSPORTATION CENTER PIER
PIER DETAILS 2

SHEET NO. 5 OF 8 SHEETS

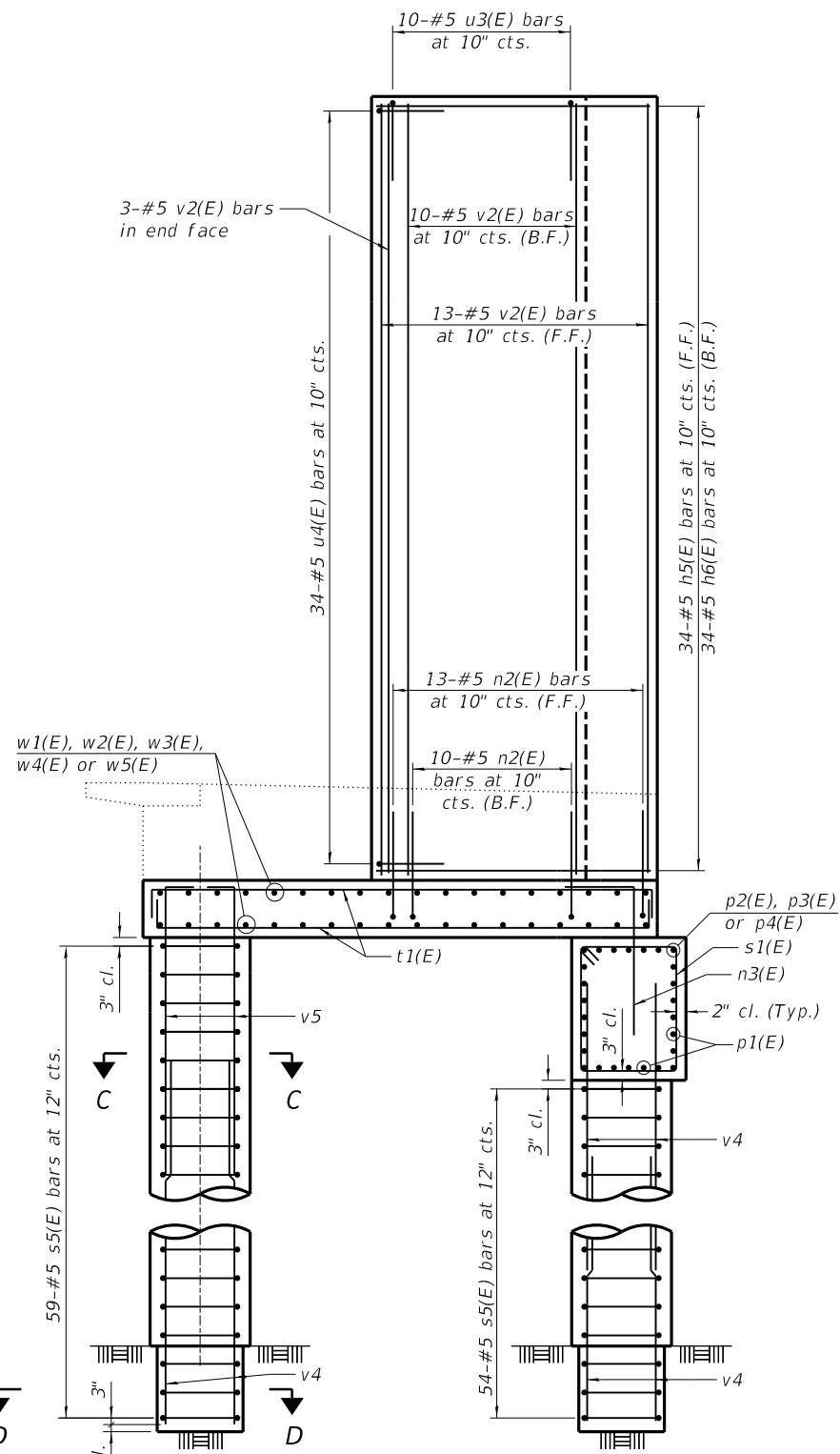
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67,67A	20-00491-00-BR	SANGAMON	509	428
CONTRACT NO.			93762	

ILLINOIS FED. AID PROJECT

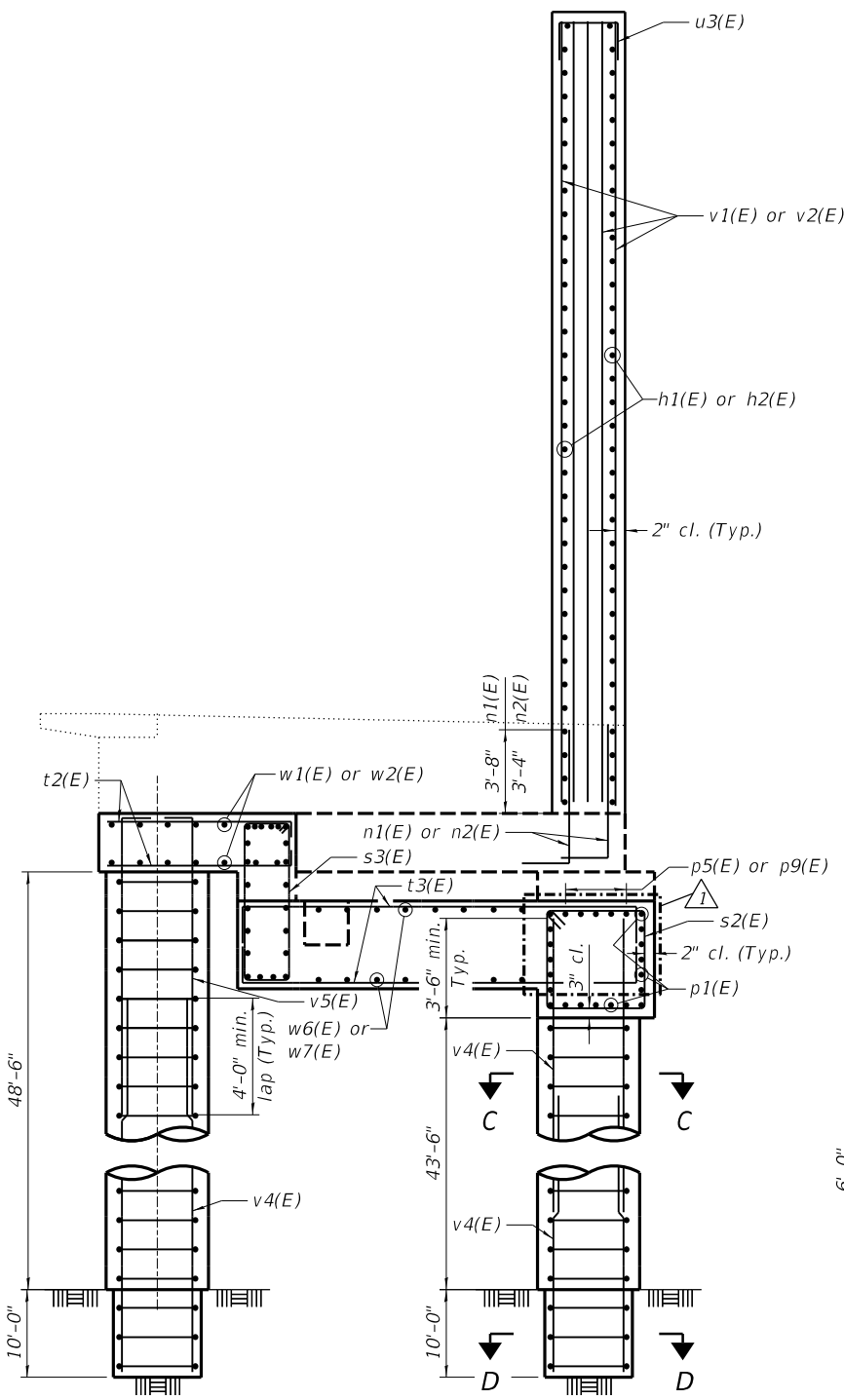
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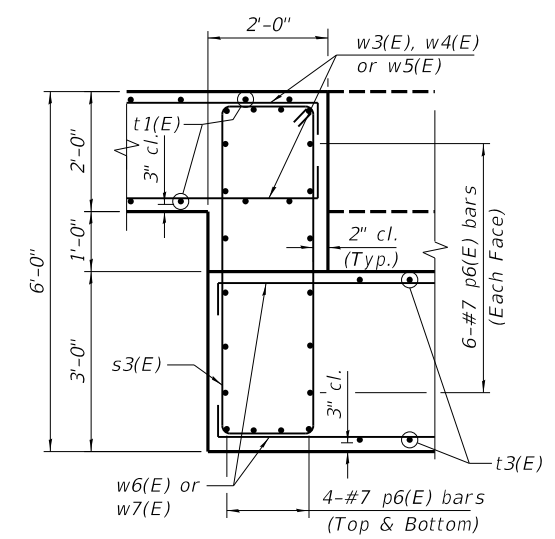
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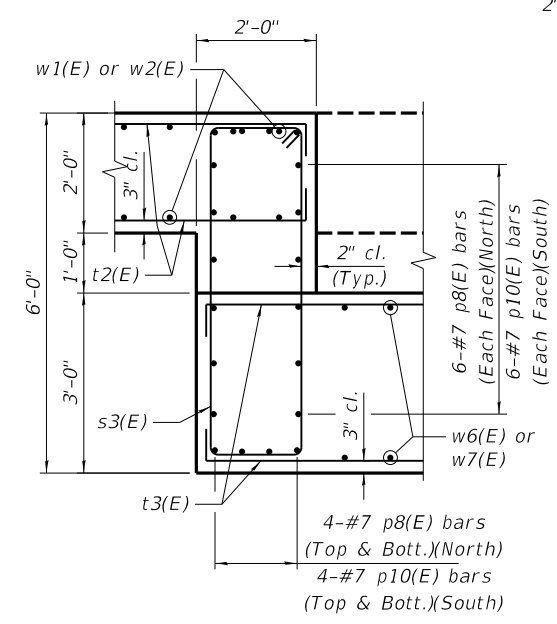
SECTION E-E
(Looking North)



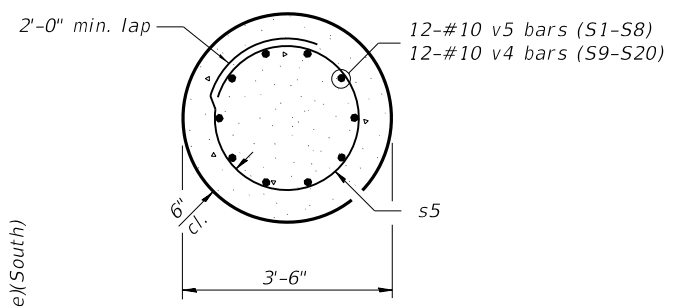
SECTION F-F
(Looking North)



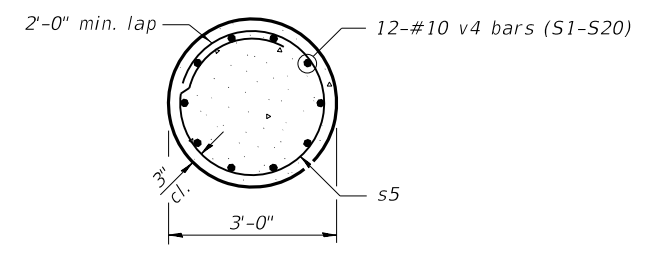
SECTION I-I



SECTION J-J



SECTION C-C

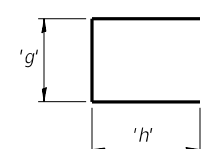


SECTION D-D

BILL OF MATERIAL

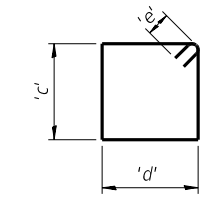
Bar	No.	Size	Length	Shape
h1(E)	68	#6	24'-8"	—
h2(E)	68	#5	22'-6"	—
h3(E)	34	#5	10'-3"	—
h4(E)	34	#5	8'-3"	—
h5(E)	34	#5	9'-8"	—
h6(E)	34	#5	7'-8"	—
n1(E)	62	#6	5'-2"	—
n2(E)	104	#5	4'-8"	—
n3(E)	74	#8	6'-10"	—
p1(E)	57	#6	31'-9"	—
p2(E)	7	#6	25'-8"	—
p3(E)	7	#6	22'-6"	—
p4(E)	7	#6	10'-3"	—
p5(E)	5	#6	18'-5"	—
p6(E)	80	#7	14'-1"	—
p8(E)	20	#7	25'-2"	—
p9(E)	5	#6	27'-2"	—
p10(E)	20	#7	16'-5"	—
s1(E)	63	#5	17'-5"	□
s2(E)	31	#5	15'-5"	□
s3(E)	67	#4	15'-3"	□
s5	1120	#5	9'-9"	○
t1(E)	148	#8	20'-4"	—
t2(E)	74	#8	11'-0"	—
t3(E)	74	#8	14'-5"	—
u1(E)	12	#5	5'-7"	—
u2(E)	10	#5	6'-6"	—
u3(E)	83	#5	4'-2"	—
u4(E)	204	#5	4'-1"	—
v1(E)	68	#6	27'-1"	—
v2(E)	116	#5	27'-1"	—
v4	384	#10	30'-6"	—
v5	96	#10	35'-4"	—
w1(E)	44	#8	34'-11"	—
w2(E)	22	#8	33'-7"	—
w3(E)	24	#8	28'-2"	—
w4(E)	24	#8	25'-2"	—
w5(E)	24	#8	12'-11"	—
w6(E)	16	#8	16'-9"	—
w7(E)	16	#8	25'-6"	—
w8(E)	16	#5	3'-6"	—
Structure Excavation		Cu. Yd.	269	
Concrete Structures		Cu. Yd.	366.7	
Reinforcement Bars		Pound	76,380	
Reinforcement Bars, Epoxy Coated		Pound	50,380	
Drilled Shaft in Soil		Cu. Yd.	324.3	
Drilled Shaft in Rock		Cu. Yd.	52.3	
Concrete Sealer		Sq. Ft.	4,250	

Bar	'g'	'h'
u1(E)	3'-7"	1'-0"
u2(E)	4'-6"	1'-0"
u3(E)	2'-2"	1'-0"
u4(E)	2'-1"	1'-0"



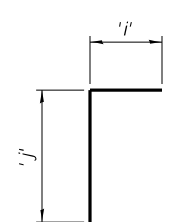
BARS u1(E), u2(E), u3(E) & u4(E)

Bar	'c'	'd'	'e'
s1(E)	4'-7"	3'-8"	5 1/2"
s2(E)	3'-7"	3'-8"	5 1/2"
s3(E)	5'-7"	1'-8"	4 1/2"



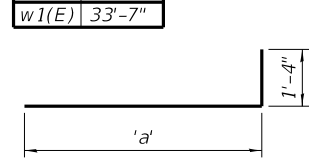
BARS s1(E), s2(E), s3(E) & s4(E)

Bar	'i'	'j'
n1(E)	1'-2"	4'-0"
n2(E)	1'-0"	3'-8"
n3(E)	1'-4"	5'-6"

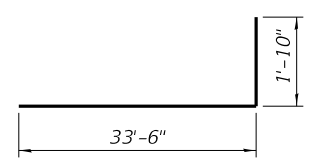


BARS n1(E), n2(E), n3(E)

Bar	'a'
w1(E)	33'-7"

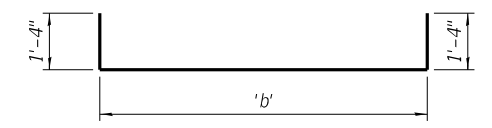


BARS w1(E)

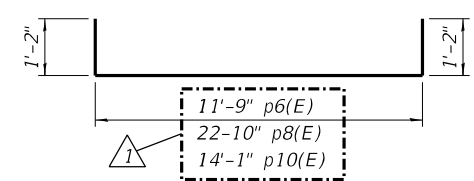


BAR v5(E)

Bar	'b'
t1(E)	17'-8"
t2(E)	8'-4"
t3(E)	11'-9"
w3(E)	25'-6"
w4(E)	22'-6"
w5(E)	10'-3"
w6(E)	14'-7"
w7(E)	22'-10"



BARS t1(E), t2(E), t3(E), w3(E), w4(E), w5(E) w6(E) & w7(E)



BARS p6(E), p8(E) & p10(E)



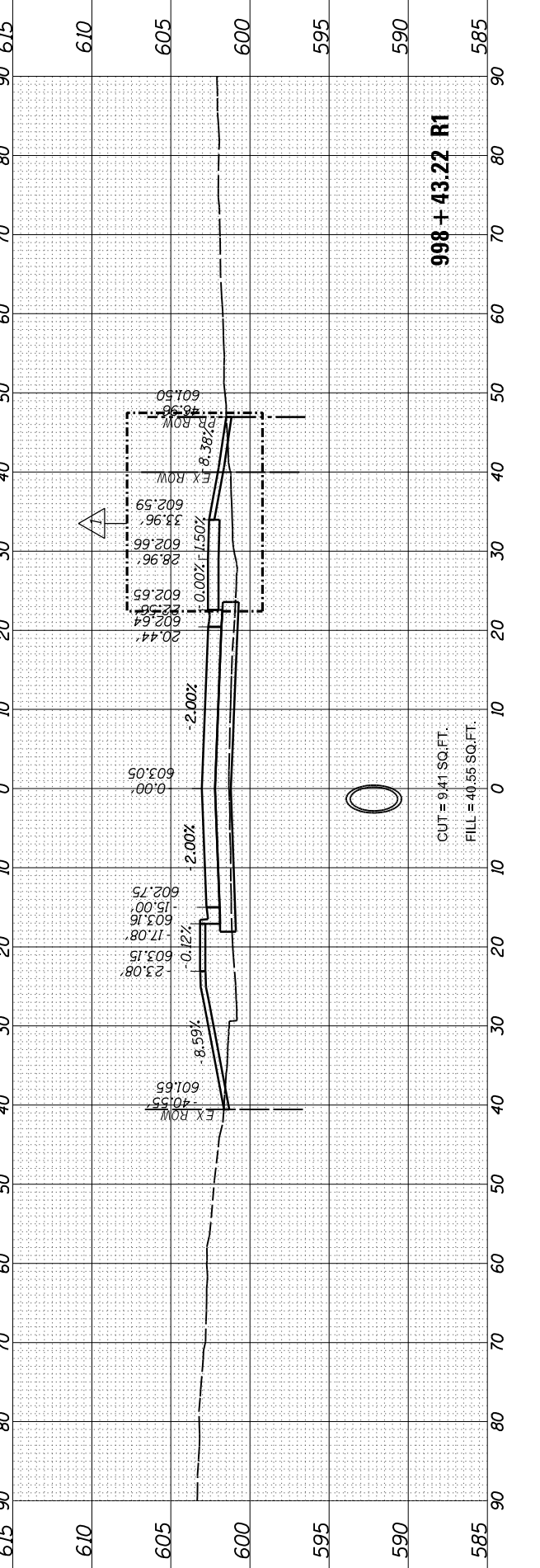
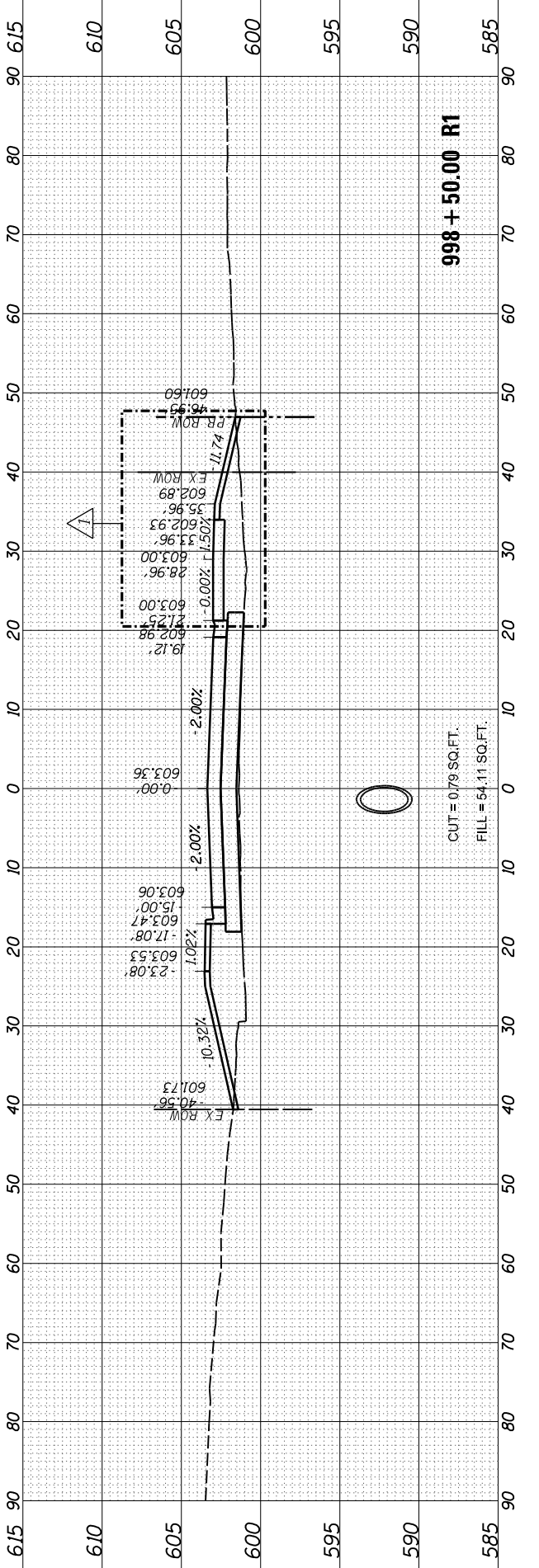
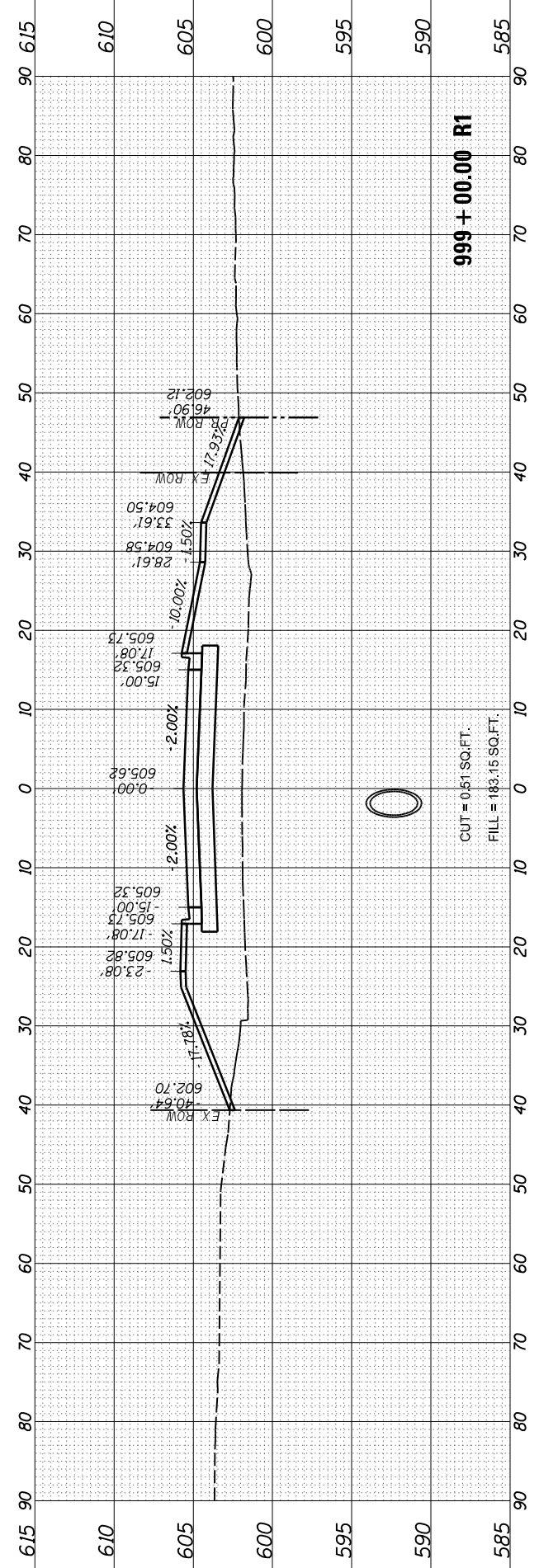
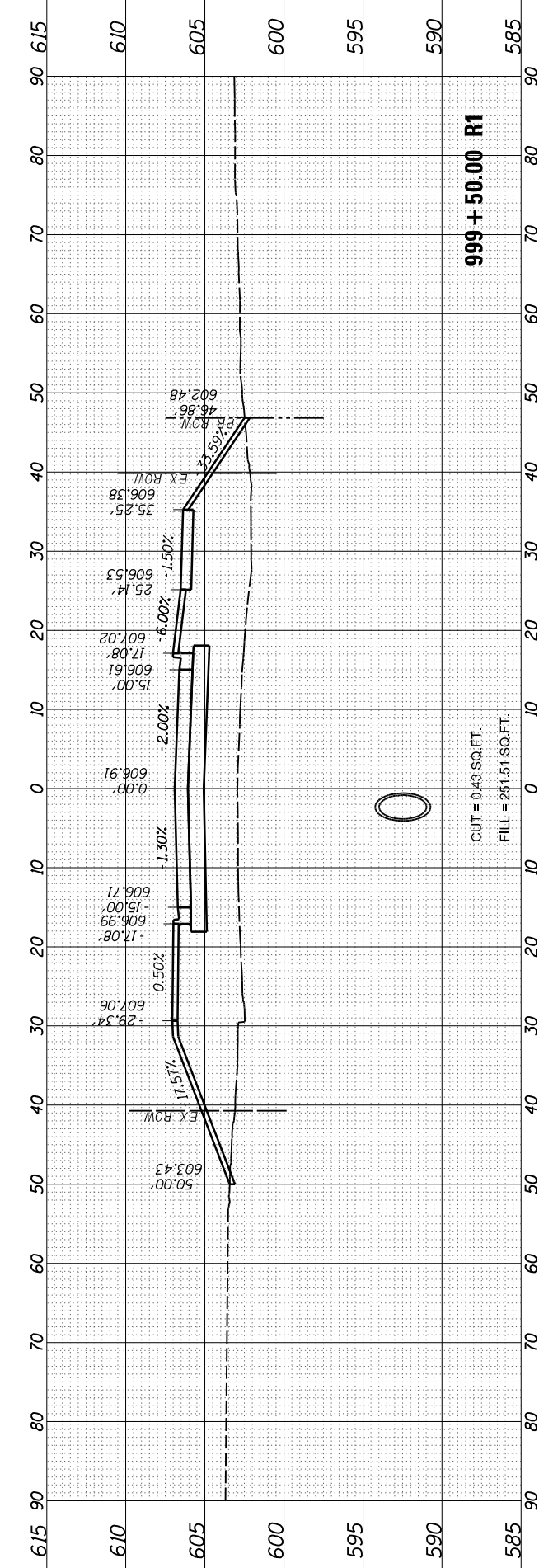
FINAL



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Sheet 2
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USER NAME = Pop00275	DESIGNED - SKM	REVISED - 1/6/2022 D.J.P.
PLOT SCALE = 20.00' / in.	DRAWN - RH	REVISED -
PLOT DATE = 1/4/2022	CHECKED - SKM/MNM	REVISED -
	DATE - 1/6/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - WASHINGTON STREET - 2

SCALE: SHEET 2 OF 5 SHEETS STA. 998+43.22 R1 TO STA. 999+50.00 R1

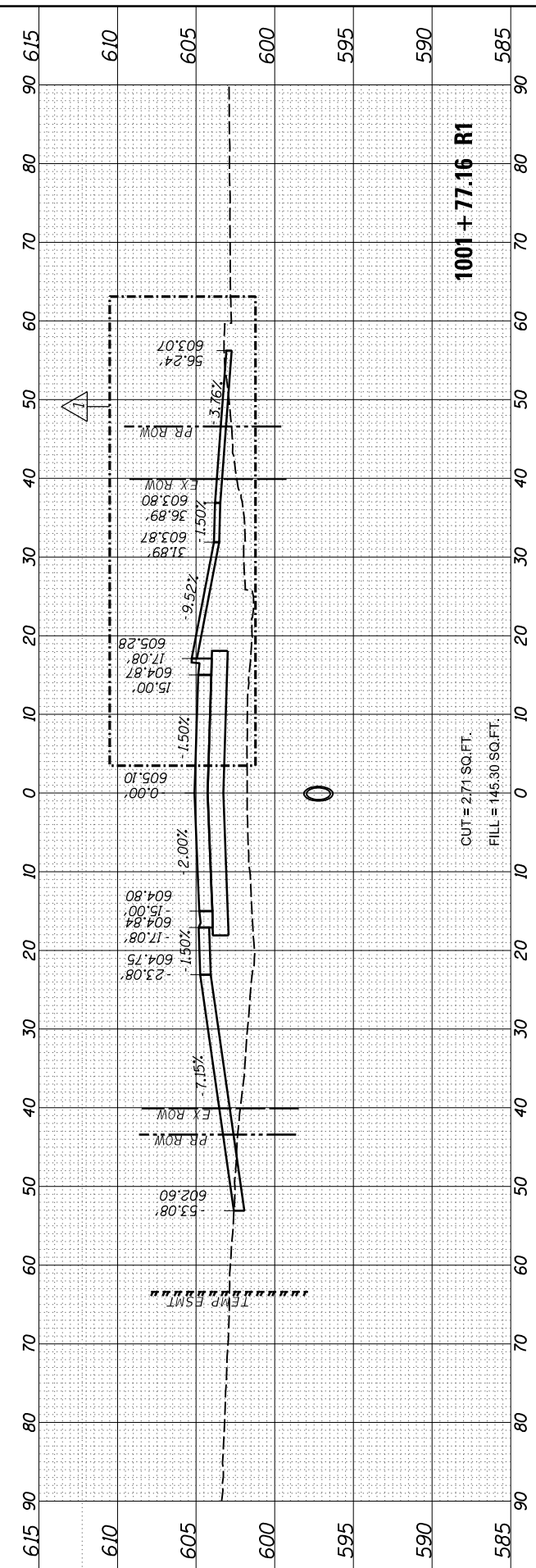
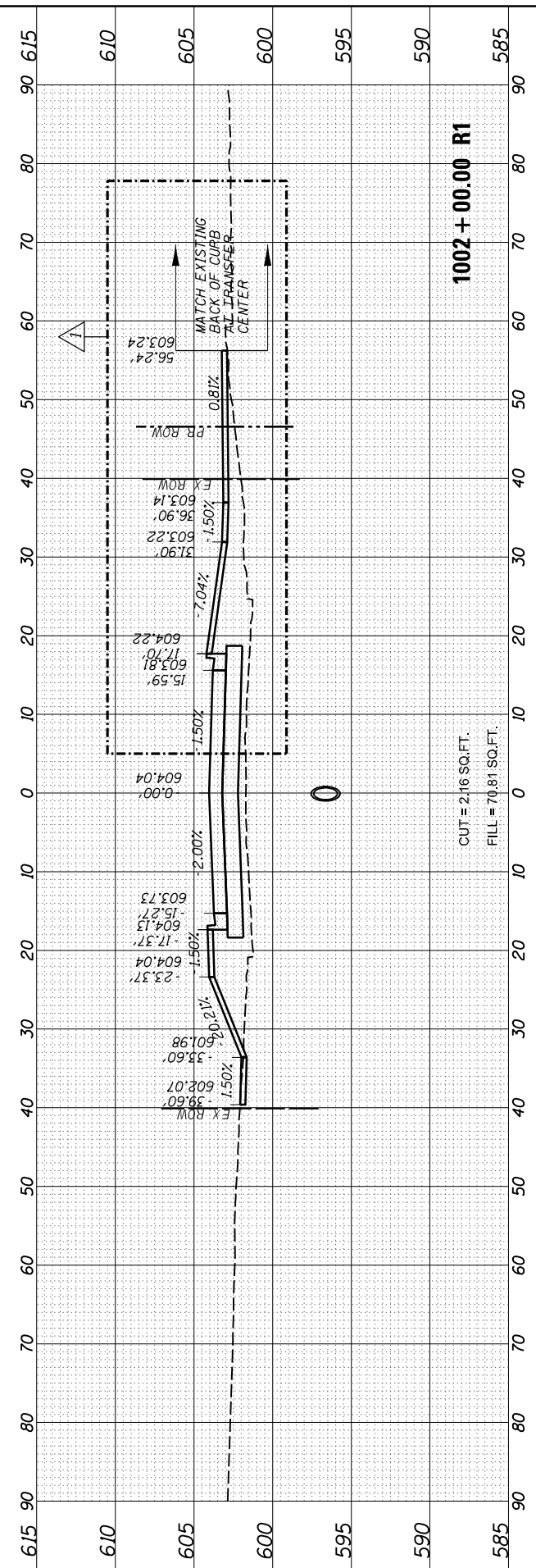
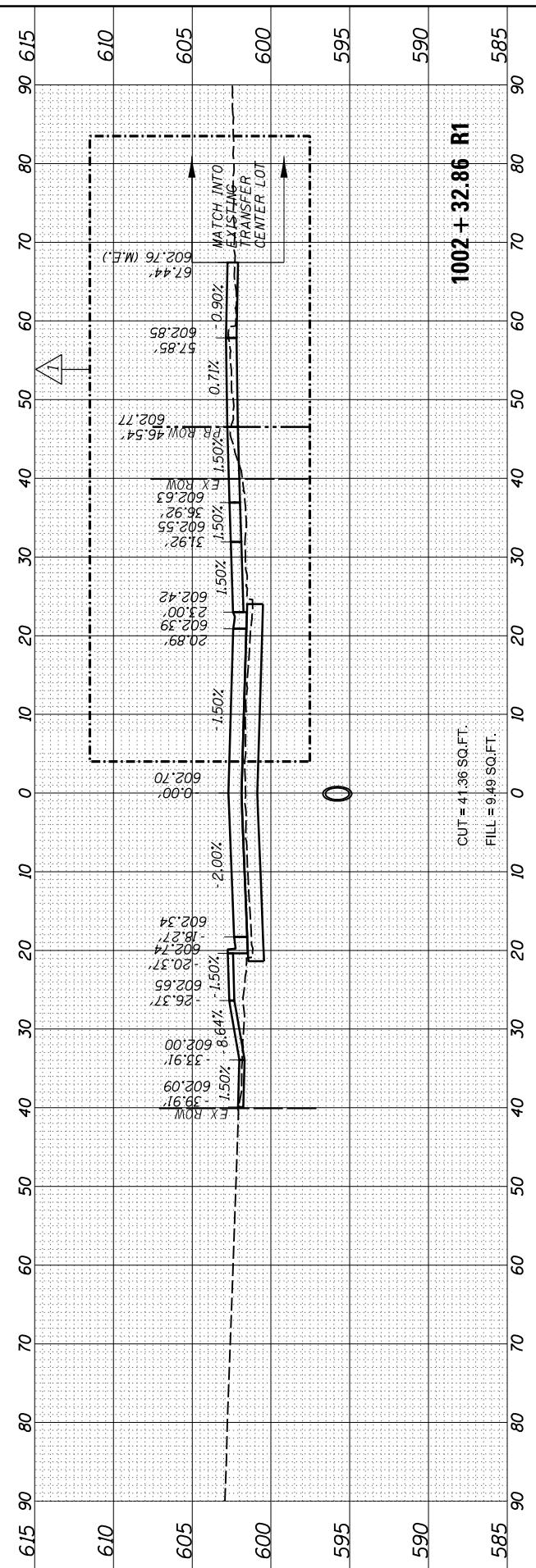
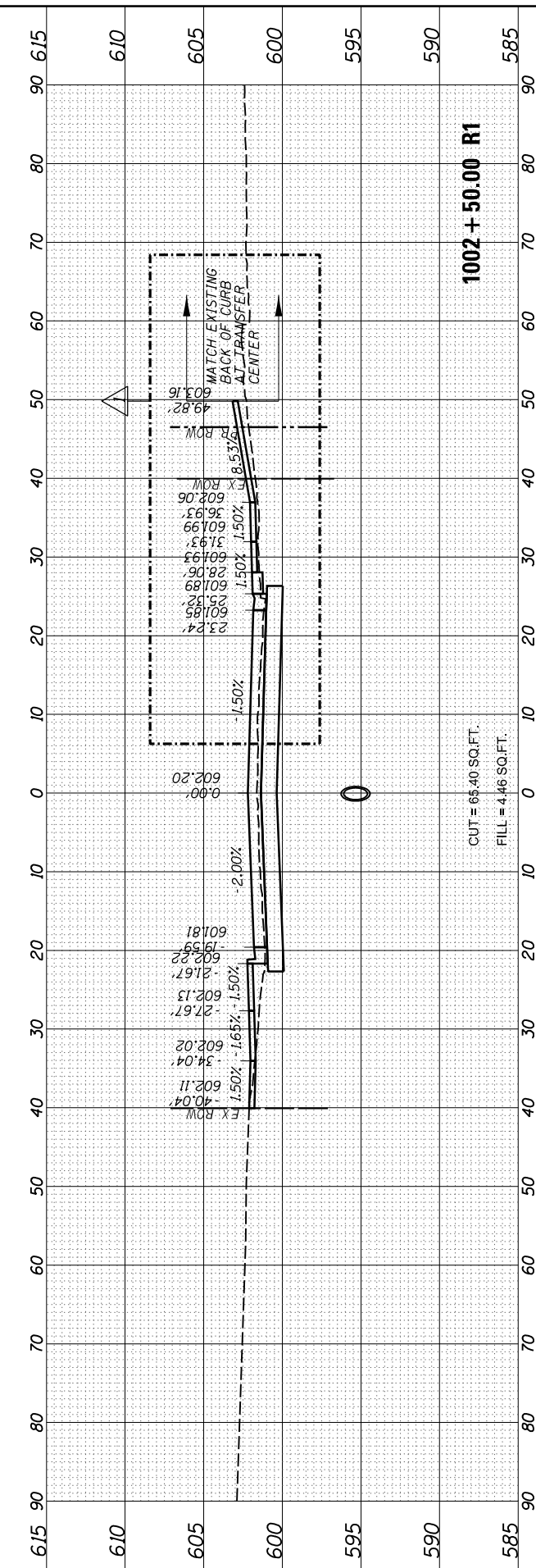
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	09L0179B		CONTRACT NO. 93762	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

MODEL Sheet 4

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USER NAME = Pop00275	DESIGNED - SKM	REVISION 1/6/2022 R.L.H.
PLOT SCALE = 20.00' / in.	CHECKED - SKM/MNM	REVISION
PLOT DATE = 1/6/2022	DATE - 1/6/2022	REVISION

DESIGNED - SKM	REVISION 1/6/2022 R.L.H.
DRAWN - RH	REVISION
CHECKED - SKM/MNM	REVISION
DATE - 1/6/2022	REVISION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - WASHINGTON STREET - 4

SCALE: SHEET 4 OF 5 SHEETS STA. 1001+77.16 RI TO STA. 1002+50.00 RI

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 445
	09L0179B	CONTRACT NO. 93762		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Sheet 5
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USER NAME = Pop00275	DESIGNED - SKM	REVISED - 1/6/2022 R.L.H.
PLOT SCALE = 20.00' / in.	CHECKED - SKM/MNM	REVISED -
PLOT DATE = 1/6/2022	DATE - 1/6/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - WASHINGTON STREET - 5**

SCALE: SHEET 5 OF 5 SHEETS STA. 1002+85.40 RI TO STA. 1003+00.00 RI

F.A. RTE. 67,67A	SECTION 20-00491-00-BR 09L0179B	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 446
ILLINOIS FED. AID PROJECT		CONTRACT NO. 93762		

