

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAP ROUTE 666A (I-55 BUS/PEORIA RD)
SECTION 27RS-7, TS-3; 26RS-1
PROJECT NHPP-Q9S9(347)
STANDARD OVERLAY, TRAFFIC
SIGNAL REPLACEMENT,
CULVERT REPAIR
SANGAMON COUNTY

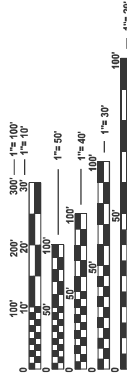
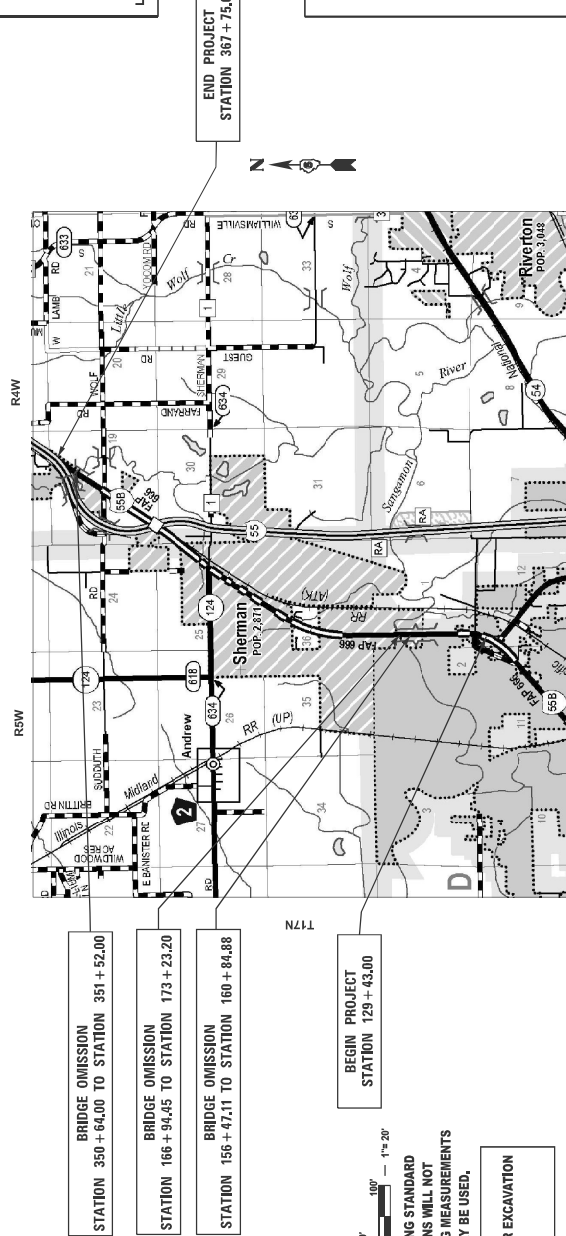
FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY STANDARDS

- 000001-09 701101-05 782001-01
- 001001-02 701106-02 781001-04
- 001006 701201-05 782006-01
- 424001-12 701301-04 805001-01
- 424006-08 701306-04 814001-03
- 424031-03 701311-03 814006-03
- 442201-04 701422-10 821101-03
- 542001-06 701426-09 830006-05
- 606001-09 701451-05 857001-01
- 606301-04 701606-10 862001-01
- 630001-13 701701-10 873001-02
- 631011-10 701901-11 877011-10
- 631031-18 720001-01 877012-07
- 635001-02 720016-04 878001-11
- 642006-01 725001-01 880006-01
- 780001-05



C-96-040-24



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.

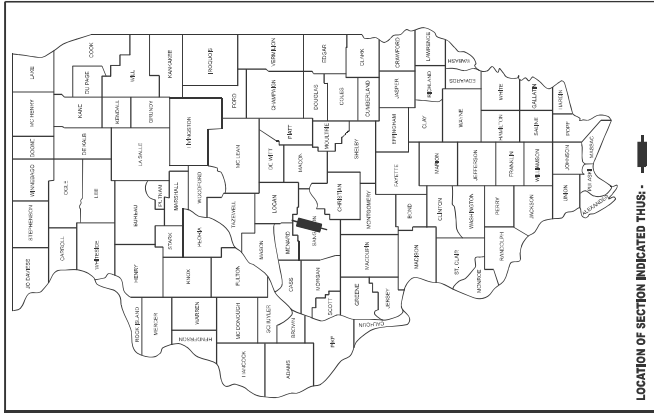
JULIE E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-492-0723
OR 811

PROJECT ENGINEER: JON KELLEY (217)785-2739
PROJECT MANAGER: ED KERN (217)524-7547

CONTRACT NO. 72491

GROSS LENGTH = 26,300 FT. = 4.47 MILE
NET LENGTH = 22,883.25 FT. = 4.33 MILE

D-96-024-24



LOCATION OF SECTION INDICATED THUS: -

FUNCTIONAL CLASSIFICATION
OTHER PRINCIPAL ARTERIAL
ADT = 9,600 (2023)
PV = 91.12% SU = 4.27% MU = 4.61%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 30, 2025

Teresa C. Price
REGIONAL ENGINEER

May 8, 2025
ENGINEER OF DESIGN AND AGREEMENT

May 8, 2025
DIRECTOR OF HIGHWAYS PROJECT INFILTRATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

REV 6-1-2026

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01147-0000	6-01147-0100	6-01147-0100	6-01147-0200	6-01147-0300
				80% FEDERAL 20% STATE NHPP BUS 55	80% FEDERAL 15% STATE 5% LOCAL NHPP ANDREW RD	80% FEDERAL 10% STATE 10% LOCAL NHPP MEREDITH & CABIN SMOKE/CARTER	80% FEDERAL 20% STATE NHPP CULVERT	80% FEDERAL 13.33% STATE 6.67% LOCAL NHPP VILLAGE CENTER DR
				ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS	SN 084-7125	TRAFFIC SIGNALS
				0005	0021	0021	0004	0021
				URBAN	URBAN	URBAN	URBAN	URBAN
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	227					
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	351					
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	31,557					
60622800	CONCRETE MEDIAN, TYPE SM-6.12	SQ FT	5,016					
60623200	CONCRETE MEDIAN, TYPE SM-6.24	SQ FT	569					
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,213					
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5					
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2					
63100167	TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT	EACH	7					
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	8806					
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	8,905					
64200214	SINUSOIDAL RUMBLE STRIPS, 14"	FOOT	2,170					
66900200	NON-SPECIAL WASTE DISPOSAL	CUYD	5		5			
66900530	SOL DISPOSAL ANALYSIS	EACH	1		1			
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1		1			

* - INDICATES PAY ITEM REQUIRES A SPECIAL PROVISION

* SPECIALTY ITEM

USER NAME = Bkale Beets	DESIGNED =	REVIEWED =	SUMMARY OF QUANTITIES				REV - MS			
	DRAWN =	REVIEWED =	STATE OF ILLINOIS				REV 6-1-2026			
	CHECKED =	REVIEWED =	DEPARTMENT OF TRANSPORTATION				SECTION 27RS-7 TS-3-26RS-1			
	DATE =	REVIEWED =	SCALE				SHEET 5 OF 14 SHEETS			
PLT DATE = 3/27/2026			TO STA				ILLINOIS FEB 2026 PROJECT			
							CONTRACT NO. 72481			
							COUNTY SANGAMON			
							SHEET 111			
							SHEET 8			

AGGREGATE SHOULDERS

STATION		TO	STATION	O.S.	LENGTH	AVG	AREA	48102100	X4811900
				(FOOT)	(FOOT)	WIDTH	(SQ. FT.)	AGG WEDGE SHLDR, TYPE B (AVG DEPTH 1.75") (TON)	AGGREGATE SHOULDERS (SPECIAL) (AVG DEPTH 3.5") (TON)
MAINLINE									
129+43.00	TO	132+49.63	LT	306.6	3	919.9	8.0		
129+43.00	TO	132+46.34	RT	303.3	3	910.0	7.9		
133+29.51	TO	134+91.76	RT	162.3	3	486.8	4.3		
143+87.25	TO	148+88.00	RT	500.8	3	1,502.3	13.0		
144+56.47	TO	147+00.00	LT	243.5	3	730.6	6.4		
148+12.80	TO	148+88.00	LT	75.2	3	225.6	2.0		
148+88.00	TO	156+38.00	LT	750.0	3	2,250.0			38.9
148+88.00	TO	156+38.00	RT	750.0	3	2,250.0			38.9
160+84.88	TO	156+85.24	LT	600.4	3	1,801.1			31.2
160+84.88	TO	156+85.24	RT	600.4	3	1,801.1			31.2
163+75.30	TO	156+85.24	RT	309.9	3	929.8			16.1
173+40.20	TO	175+88.70	RT	248.5	3	745.5			12.9
173+40.30	TO	176+38.50	LT	298.2	3	894.6			15.5
180+93.39	TO	182+64.43	LT	171.0	3	513.1	4.5		
181+93.05	TO	182+81.81	RT	88.8	3	266.3	2.4		
183+40.14	TO	190+52.29	RT	712.2	3	2,136.5	18.5		
183+65.04	TO	199+96.96	LT	631.9	3	1,895.8	16.4		
191+29.22	TO	197+55.72	LT	626.5	3	1,879.5	16.3		
191+38.33	TO	203+12.87	RT	1,174.5	3	3,523.6	30.5		
198+81.42	TO	205+57.96	LT	676.5	3	2,029.6	17.6		4.6
208+42.00	TO	209+30.00	RT	88.0	3	264.0			26.0
209+00.00	TO	214+00.00	LT	500.0	3	1,500.0			15.4
209+78.00	TO	212+75.00	RT	297.0	3	891.0			
212+75.00	TO	213+35.00	RT	60.0	3	180.0	1.6		
214+09.10	TO	219+38.00	RT	528.9	3	1,586.7	13.8		
214+35.86	TO	220+37.50	LT	601.6	3	1,804.9	15.6		
219+38.00	TO	221+26.00	RT	188.0	3	564.0			9.8
220+37.50	TO	222+25.00	LT	187.5	3	562.5			9.8
221+26.00	TO	223+67.28	RT	241.3	3	723.8	6.3		
222+25.00	TO	238+10.15	LT	1,585.2	3	4,755.5	41.1		
224+39.43	TO	238+32.09	RT	1,392.7	3	4,178.0	36.2		
239+56.22	TO	263+31.28	LT	2,375.1	3	7,125.2	61.6		
239+99.95	TO	248+13.96	RT	814.0	3	2,442.0	21.2		
248+66.92	TO	255+02.57	RT	635.7	3	1,907.0	16.5		
255+75.46	TO	263+01.91	LT	726.5	3	2,179.4	18.9		
263+66.74	TO	268+90.03	RT	524.1	3	1,572.3	13.6		
263+86.05	TO	271+75.45	RT	789.4	3	2,368.2	20.5		
271+57.00	TO	281+36.00	LT	979.0	3	2,937.0	25.4		
271+57.00	TO	281+36.00	RT	979.0	3	2,937.0	25.4		
301+33.00	TO	312+27.00	LT	1,094.0	3	3,282.0	28.4		
312+27.00	TO	317+94.00	LT	567.0	3	1,701.0	14.7		

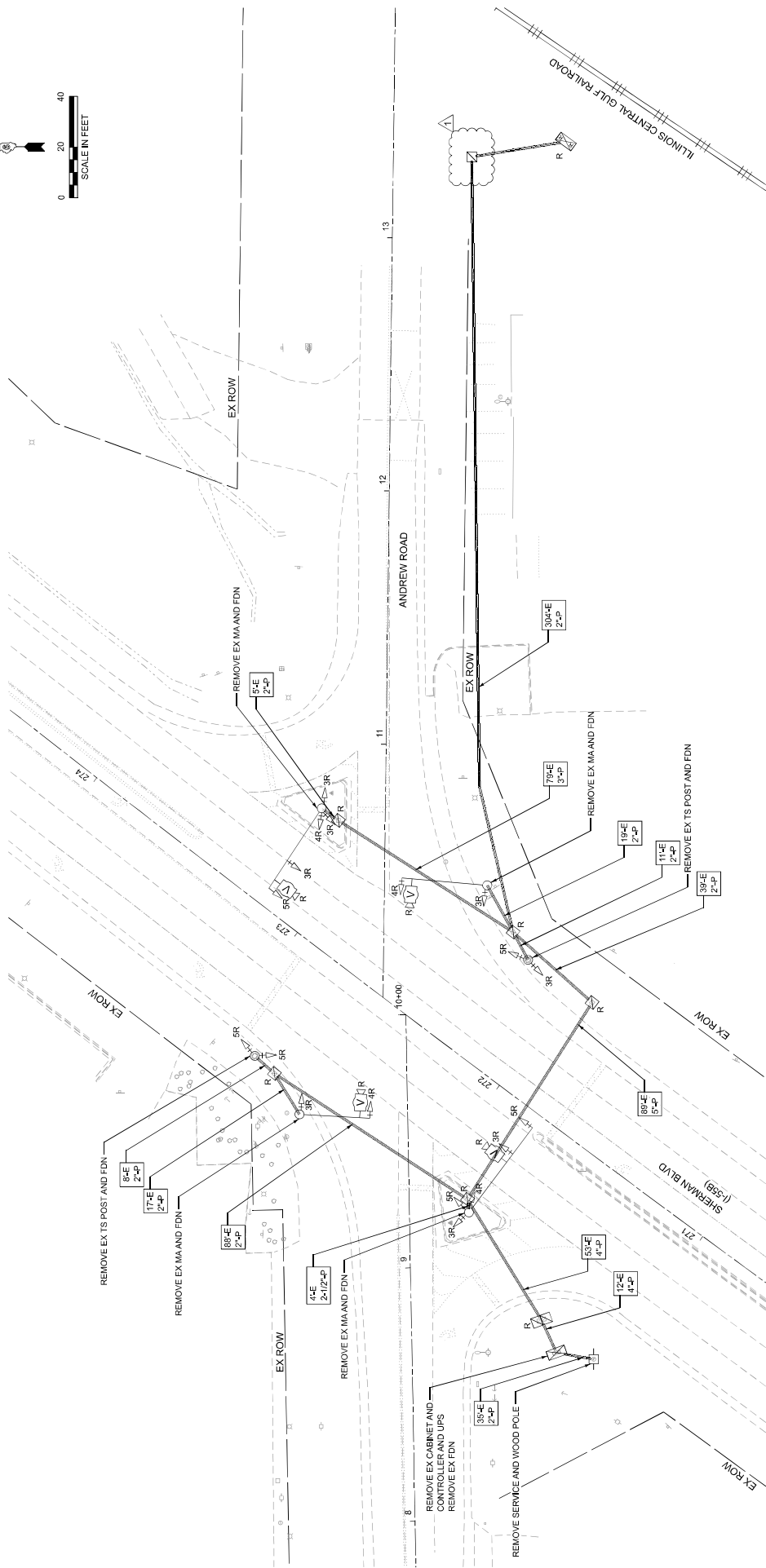
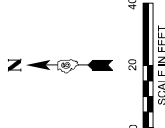
SCHEDULE CONTINUES ON NEXT PAGE

AGGREGATE SHOULDERS

STATION		TO STATION		O.S.	LENGTH (FOOT)	AVG WIDTH (FEET)	AREA (SQ. FT)	48102100 ASG WEDGE SHLR, TYPE B (AVG DEPTH 1.75")	(TON)	48119000 AGGREGATE SHOULDERS (SPECIAL) (AVG DEPTH 3.5")	(TON)
MAINLINE											
312+27.00	TO	317+94.00	RT	567.0	3	1,701.0	14.7				
318+14.00	TO	331+26.00	SB LT	1,312.0	3	3,936.0	34.1				
318+14.00	TO	335+25.19	SB RT	1,711.2	3	5,133.6	44.4				
318+14.00	TO	331+26.00	NB LT	1,312.0	3	3,936.0	34.1				
318+14.00	TO	331+26.00	NB RT	1,312.0	3	3,936.0	34.1				
331+25.00	TO	336+66.00	SB RT	540.0	3	1,620.0	14.0				
331+25.00	TO	336+66.00	SB LT	540.0	3	1,620.0	14.0				
337+88.00	TO	367+75.00	RT	2,987.0	3	8,961.0	77.5				
337+88.00	TO	367+75.00	LT	2,987.0	3	8,961.0	77.5				
349+09.00	TO	350+64.90	RT	155.9	3	467.7				8.1	
349+09.00	TO	350+64.90	LT	155.9	3	467.7				8.1	
351+52.20	TO	352+97.80	RT	145.6	3	436.8				7.6	
351+52.20	TO	352+97.80	LT	145.6	3	436.8				7.6	
352+59.80	TO	367+75.00	RT	1,477.2	3	4,431.6	38.3				
352+59.80	TO	367+75.00	LT	1,477.2	3	4,431.6	38.3				
TOTALS								930			282

RUMBLE STRIPS

STATION		TO	STATION	O.S	64200108	64200214
PAVEMENT					SHOULDER RUMBLE STRIPS, 8" (FOOT)	SINUSOIDAL CENTERLINE RUMBLE STRIP-14" (FOOT)
MAINLINE						
129+43	TO	132+40	RT		297.0	
129+43	TO	132+40	LT		297.0	
133+40	TO	143+50	RT		1,010.0	
133+40	TO	147+00	LT		1,360.0	
142+50	TO	147+25	CL			475.0
144+00	TO	156+47	RL		1,247.0	
148+00	TO	156+47	LT		847.0	
148+15	TO	156+47	CL		832.0	832.0
160+84	TO	166+94	RT		610.0	
160+84	TO	166+94	LT		610.0	
160+84	TO	166+94	CL			610.0
173+22	TO	175+75	CL			253.0
173+22	TO	181+70	RT		848.0	
173+22	TO	181+70	LT		848.0	
TOTALS					8,806	2,170



EXISTING TRAFFIC SIGNAL EQUIPMENT IDENTIFIED FOR INFORMATION ONLY

QTY	ITEM TO BE REMOVED
4	MAST ARM AND POLE
2	TRAFFIC SIGNAL CABINET
18	TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)
1	SERVICE INSTALLATION
4	LUMINAIRE

EXISTING TRAFFIC SIGNAL & REMOVAL NOTES:

- EXISTING CONDUIT IS PVC.
- VIDEO DETECTION SYSTEM AND CONTROLLER CABINET TO BE DELIVERED TO DOT DISTRICT 8 OPERATION.
- INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION PURPOSES ONLY.

SCHEDULE OF QUANTITIES

PAY ITEM	PAY ITEM DESCRIPTION	UNIT	QUANTITY
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	29
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	20
88500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
88500200	REMOVE EXISTING CABLE FROM CONDUIT	FOOT	4,977
88500275	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
88500280	REMOVE EXISTING HANDHOLE	EACH	5
88500282	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
88500285	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7

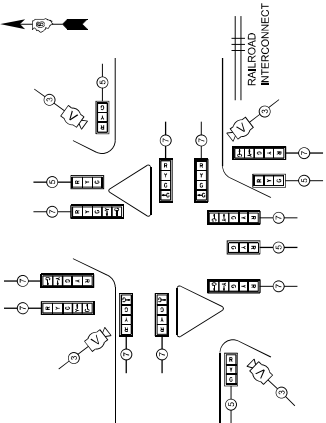
REVISED 6-1-2026

QUIGG ENGINEERING INC.
DESIGNED - JAA
DRAWN - JAA
CHECKED - JAA
DATE - 6/1/2026

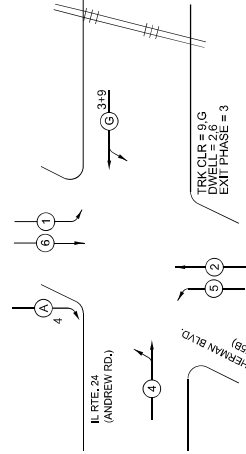
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND REMOVAL TRAFFIC SIGNAL PLAN
SHERMAN BLVD (I-55B) AND ANDREW ROAD
SHEET 1 OF 6 SHEETS STA. TO STA.

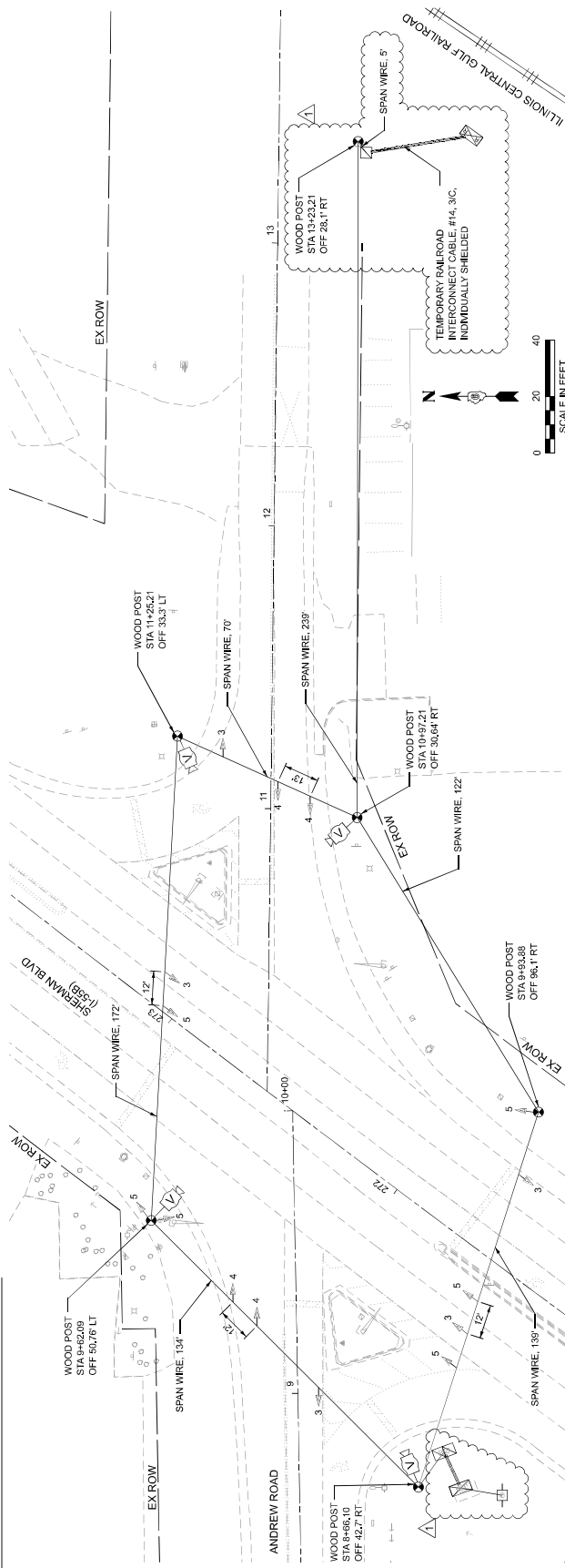
SECTION
27RIS-7, TS-3 2RIS-1
COUNTY
SANGAMON
SHEET
111
CONTRACT NO. 72481
ILLINOIS TURNPIKE PROJECT



TEMP CABLE SIGNAL DIAGRAM



TEMP PHASE DIAGRAM



NOTES:

- 1. EXISTING TRAFFIC SIGNAL CABINET & CONTROLLER MUST BE USED FOR TEMPORARY SIGNALS.
- 2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS.
- 3. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM OF 35 FEET MOUNTING HEIGHT FOR VIDEO CAMERAS.
- 4. EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS.
- 5. WHEN TRANSITIONING FROM TEMPORARY TO PROPOSED SIGNALS, THE INTERSECTION SHALL BE FULLY OPERATIONAL PRIOR TO THE REMOVAL OF THE TEMPORARY SIGNALS. ALL DIRECTIONS SHALL BE PLUGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.
- 6. IDOT OPERATIONS STAFF SHALL BE NOTIFIED 72 HOURS PRIOR TO PROPOSED SIGNAL TURNON. OPERATIONS STAFF SHALL BE PRESENT AT THE TIME OF TURNON TO PROGRAM AND APPROVE OF SIGNAL TIMING AND DETECTION LAYOUT. PHONE: (217) 622-2472 OR (217) 622-0668
- 7. TEMPORARY VIDEO DETECTION SYSTEM MUST BE FULLY FUNCTIONAL DURING TEMPORARY SIGNAL OPERATION.
- 8. RAILROAD INTERCONNECT MUST BE FULLY OPERATIONAL DURING TEMPORARY SIGNAL OPERATION.



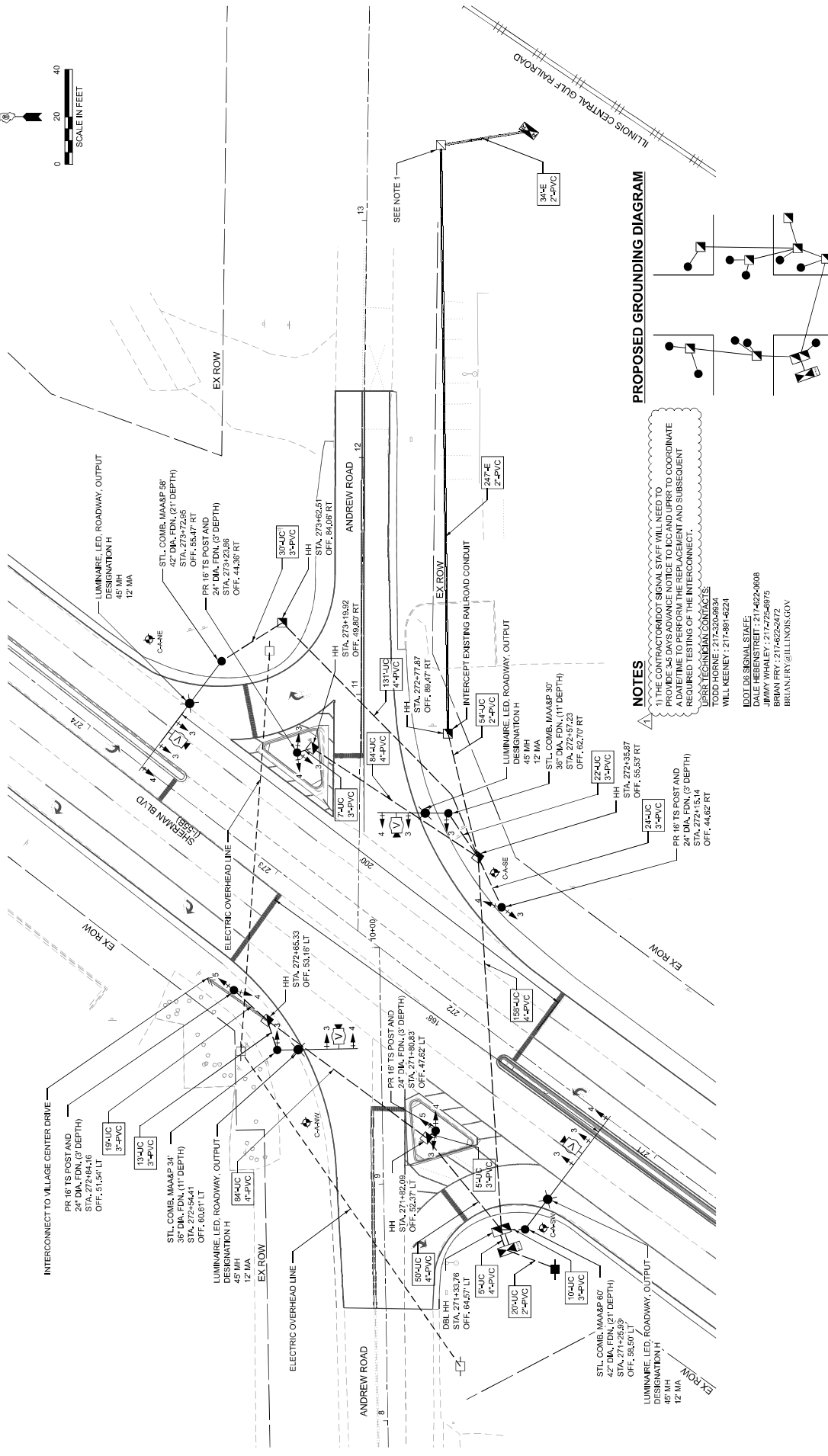
QUIGG ENGINEERING INC

USER NAME	AA	DESIGNED	AA
DATE	3/12/2026	DRAWN	AA
DATE	3/12/2026	CHECKED	AA
DATE	3/12/2026	REVIEWED	AA

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNAL PLAN
SHERMAN BLVD (I-55B) AND ANDREW ROAD

SECTION	7195-7, 7195-8, 7195-9	COUNTY	SANGAMON
SHEET	6	OF	6
CONTRACT NO.	72481	PROJECT	ILLINOIS CENTRAL GULF RAILROAD



APPROXIMATE BORING LOCATION

 QEC ENGINEERING INC	DESIGNED -	AA	REVISED -		FAP R/L	TOTAL SHEETS	SHEET NO.
	DRAWN -	AA	REVISED -		NO		
	CHECKED -	JA	REVISED -				
	DATE	3/19/2026	REVISED -				
PROJECT NAME: ADRIAC					PROPOSED TRAFFIC SIGNAL PLAN		
PLOT DATE: 6/10/2026					SHERMAN BLVD (I-55) AND SHERWOOD ROAD		
SCALE: 1"=50'					COUNTY: SANGAMON		
SHEET 4 OF 6					CONTRACT NO. 12451		
DATE: 3/19/2026					LUNER: FEG APPROACH		
TO STA.					FROM STA.		



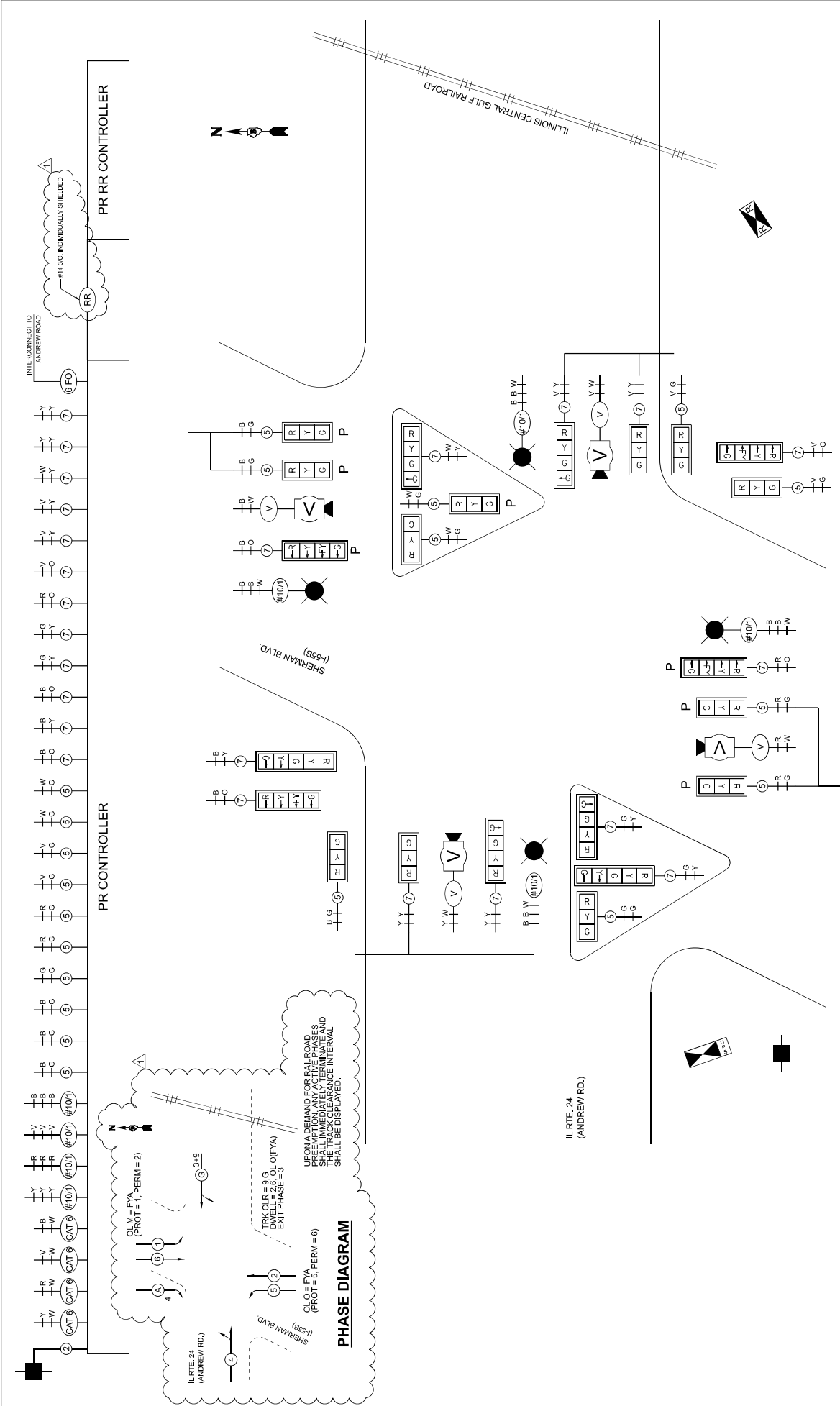
QUIGG ENGINEERING INC

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TRAFFIC SIGNAL PLAN
SHERMAN BLVD (I-55B) AND ANDREW ROAD

SCALE: 1"=20'	SHEET 4	OF 6	SHEETS	STA.	TO STA.
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ILLINOIS	FED. AID PROJECT
CONTRACT NO. 72491	



CABLE PLAN

REVISED 6-1-2026

QUICK ENGINEERING INC		DESIGNED - J.A.		REVIEWED - J.A.	
PROJECT NAME: C:\pwworking\pwworking\05453\05453.DWG (Andrew [Sheet])		DRAWN - J.A.		REVIEWED - J.A.	
PLOT DATE - 6/1/2026		CHECKED - J.A.		REVIEWED - J.A.	
DATE - 3/12/2026		DATE - 3/12/2026		DATE - 3/12/2026	
SHEET 5 OF 6		SHEET 5 OF 6		SHEET 5 OF 6	
SCALE: 1"=10'		SCALE: 1"=10'		SCALE: 1"=10'	
TO STA.		TO STA.		TO STA.	
SHERMAN BLVD (I-55B) AND ANDREW ROAD		SHERMAN BLVD (I-55B) AND ANDREW ROAD		SHERMAN BLVD (I-55B) AND ANDREW ROAD	
PROPOSED CABLE PLAN		PROPOSED CABLE PLAN		PROPOSED CABLE PLAN	
COUNTY SANGAMON		COUNTY SANGAMON		COUNTY SANGAMON	
SECTION 27RHS-7, 1S-3, 2RHS-1		SECTION 27RHS-7, 1S-3, 2RHS-1		SECTION 27RHS-7, 1S-3, 2RHS-1	
TOTAL SHEETS 111		TOTAL SHEETS 111		TOTAL SHEETS 111	
CONTRACT NO. 72481		CONTRACT NO. 72481		CONTRACT NO. 72481	
LINKED TO PROJECT		LINKED TO PROJECT		LINKED TO PROJECT	