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DISTRICT STUDIES & PLANS ENGINEER

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DISTRICT LAND ACQUISITION ENGINEER

Examined By: Car M
DISTRICT PROGRAM DEVELOPMENT ENGINEER

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DISTRICT OPERATIONS ENGINEER

Examined By: _____
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Bruce Smith
DISTRICT CONSTRUCTION ENGINEER

Examined By: Ann Day
DISTRICT MATERIALS ENGINEER

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PLOT DATE =	2/25/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

SCALE: SHEET 2 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Selline	24	2
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

*FAP 332/FAP 331 (US 45/IL 13)

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
4-7	SUMMARY OF QUANTITIES
8	PAVEMENT MARKING SCHEDULE
9	TEMPORARY PAVEMENT MARKING SCHEDULE
10	SIGNING SCHEDULE PAVEMENT MARKING REMOVAL SCHEDULE
11	EXISTING PAVEMENT MARKINGS
12	PROPOSED PAVEMENT MARKING REMOVAL - GRINDING
13	PROPOSED PAVEMENT MARKING
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15	PROPOSED TRAFFIC SIGNALS
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17	PROPOSED WIRING DIAGRAM
18	PROPOSED PHASE DESIGNATION DIAGRAM
19	LIGHTING: GENERAL NOTES, INDEX OF SHEETS, LEGEND, HIGHWAY STANDARDS, AND SUMMARY OF QUANTITIES
20	PROPOSED LIGHTING PLAN: IL 13 / US 45
21	LIGHTING CONTROLLER (SPECIAL) AND LUMINAIRE PERFORMANCE TABLE
22	SOIL BORING LOGS
23	DETAILS: SIGNAL GROUNDING DETAILS: SERVICE INSTALLATION - GROUND MOUNTED
24	DETAILS: SIGNS
25	DETAILS: SIGNS CONT. DETAILS: CONCRETE FOUNDATION, TYPE C

HIGHWAY STANDARDS

- 000001-09 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
- 701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701426-09 LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPERATIONS 45MPH OR MORE
- 701427-05 LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPERATIONS 40MPH OR LESS
- 701701-10 URBAN LANE CLOSURE MULTILANE INTERSECTION
- 701901-11 TRAFFIC CONTROL DEVICES
- 720016-04 MAST ARM MOUNTED STREET NAME SIGNS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001-03 HANDHOLES
- 821101-03 LUMINAIRE WIRING IN POLE
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 873001-02 TRAFFIC SIGNAL GROUNDING AND BONDING
- 877001-08 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877011-10 STEEL COMBO MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 878001-11 CONCRETE FOUNDATION DETAILS
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS

GENERAL NOTES

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR EXISTING OVERHEAD POWERLINES

COMMITMENTS

NONE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS,
AND GENERAL NOTES

SCALE: SHEET 3 OF 25 SHEETS STA. TO STA.

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	3
			CONTRACT NO. 7 8B9 4	
		ILLINOIS FED. AID PROJECT		

*FAP 332/FAP 331 (US 45/IL 13)

SUMMARY OF QUANTITIES

COUNTY:	SALINE CO	SALINE CO
ROUTE:	FAP 332/FAP 331	FAP 332/FAP 331
FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
LOCATION:	URBAN	URBAN
	TRAFFIC SIGNALS	ROADWAY
	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS	ROADWAY
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	531		531
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	177		177
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	83		83
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	2,249		2,249
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	421		421
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	169		169
* 72000100	SIGN PANEL - TYPE 1	SQ FT	73	73	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	25	25	
* 78004640	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 8"	FOOT	38		38
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83		83
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	2,212		2,212
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	421		421

* SPECIALTY ITEM

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SUMMARY OF QUANTITIES - CONT

COUNTY:	SALINE CO	SALINE CO
ROUTE:	FAP 332/FAP 331	FAP 332/FAP 331
FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
LOCATION:	URBAN	URBAN
	TRAFFIC SIGNALS	ROADWAY
	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS	ROADWAY
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	169		169
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	83		83
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	2,212		2,212
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	38		38
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	421		421
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	169		169
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	1,126		1,126
80300100	LOCATING UNDERGROUND CABLE	FOOT	800	800	
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1	1	
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	25	25	
81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	110	110	
81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	395	395	
81400100	HANDHOLE	EACH	4	4	
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	480	480	
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4	4	

* SPECIALTY ITEM

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USER NAME = Dacoda.Blockley	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE:	SHEET 5	OF 25	SHEETS	STA.	TO STA.	Illinois	FED. AID PROJECT	
	CHECKED -	REVISED -						*	D9 Traffic Signal 2026-3	Saline	25	5
PLOT DATE = 3/4/2026	DATE -	REVISED -						CONTRACT NO. 78B94				

*FAP 332/FAP 331 (US 45/IL 13)

SUMMARY OF QUANTITIES - CONT

COUNTY:	SALINE CO	SALINE CO
ROUTE:	FAP 332/FAP 331	FAP 332/FAP 331
FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
LOCATION:	URBAN	URBAN
	TRAFFIC SIGNALS	ROADWAY
	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS	ROADWAY
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1	1	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,925	1,925	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,385	1,385	
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	50	50	
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	635	635	
87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	2	2	
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1	1	
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1	1	
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	2	2	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6	6	
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4	4	
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	56	56	
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9	9	
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	2	

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USER NAME = Dacoda.Blockley PLOT DATE = 3/4/2026	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	SCALE:	SHEET 6 OF 25 SHEETS STA. TO STA.	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. * D9 Traffic Signal 2026-3 Saline 25 6 ILLINOIS FED. AID PROJECT
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*FAP 332/FAP 331 (US 45/IL 13)

SUMMARY OF QUANTITIES - CONT

COUNTY:	SALINE CO	SALINE CO
ROUTE:	FAP 332/FAP 331	FAP 332/FAP 331
FUNDING:	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
LOCATION:	URBAN	URBAN
	TRAFFIC SIGNALS	ROADWAY
	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS	ROADWAY
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2	2	
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2	2	
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4	4	
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	19	19	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	
XP000179	GROUND ROD, 8', COPPER CLAD	EACH	4	4	
X0325810	WIRELESS ETHERNET RADIO	EACH	2	2	
X1700066	POTHOLING	EACH	20	20	
X7340100	CONCRETE FOUNDATIONS, GROUND MOUNT	CU YD	0.5	0.5	
X8250505	LIGHTING CONTROLLER (SPECIAL)	EACH	1	1	
X8710103	ETHERNET SWITCH	EACH	1	1	
X8891301	VIDEO AND RADAR HYBRID DETECTION SYSTEM	EACH	1	1	
Z0033068	TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1	1	

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*FAP 332/FAP 331 (US 45/IL 13)

PAVEMENT MARKINGS SCHEDULE

START STATION	END STATION	LENGTH	LOCATION	DESCRIPTION	MODIFIED URETHANE PAVEMENT MARKING					PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 8"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS & SYMBOLS	
					LINE 4"		LINE 12"		LINE 24"							LETTERS & SYMBOLS
					WHITE	YELLOW	WHITE	YELLOW	WHITE							
					SOLID	DOUBLE SOLID	SOLID	SOLID	SOLID							
FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT			
IL 13/NW LEG																
122+71.			LEFT TURN LANE	ONLY					11.8						11.8	
122+71.			RIGHT TURN LANE	ONLY					11.8						11.8	
122+97.			LEFT TURN LANE	LEFT ARROW					8.8						8.8	
122+97.			RIGHT TURN LANE	RIGHT ARROW					8.8						8.8	
123+08.			LEFT TURN LANE	STOP BAR				24.0						24.0		
123+18.			THRU LANE	STOP BAR				12.0						12.0		
123+09.	123+16.	7.0	THRU LANE	EDGE LINE	7.0						7.0					
123+09.	123+47.	38.0	RIGHT TURN LANE	EDGE LINE	112.7						112.7					
123+09.	123+47.	38.0	RIGHT TURN LANE	HATCHING			61.1						61.1			
123+09.	124+07.	98.0	LEFT TURN LANE	SKIP-DASH 2' - 6'						37.1		37.1				
123+35.			RIGHT TURN LANE	STOP BAR				16.0						16.0		
IL 13/SW LEG																
45+14.			LEFT TURN LANE	STOP BAR				13.3						13.3		
45+39.			THRU LANES	STOP BAR				22.7						22.7		
45+39.			RIGHT TURN	STOP BAR				16.6						16.6		
IL 13/SE LEG																
124+14.	124+62.	48.0	RIGHT TURN LANE	EDGE LINE	150.4						150.4					
124+14.	124+62.	48.0	RIGHT TURN LANE	HATCHING			98.2						98.2			
124+24.			RIGHT TURN LANE	STOP BAR				16.0						16.0		
124+36.			THRU LANE/OFFSET LANE	STOP BAR				12.0						12.0		
124+36.	127+85.	349.0	OFFSET LANE	EDGE LINE	700.9						700.9					
124+36.	127+85.	349.0	OFFSET LANE	HATCHING			205.7						205.7			
124+59.	128+66.	407.0	LEFT TURN LANE	DOUBLE YELLOW			1141.4				1141.4					
124+59.	128+66.	407.0	LEFT TURN LANE	DOUBLE YELLOW HATCHING				55.1					55.1			
124+70.			LEFT TURN LANE	LEFT ARROW					8.8						8.8	
124+97.			LEFT TURN LANE	ONLY					11.8						11.8	
125+85.			LEFT TURN LANE	LEFT ARROW					8.8						8.8	
126+12.			LEFT TURN LANE	ONLY					11.8						11.8	
US 45/NE LEG																
46+47.	48+31.	184.0	RADIUS	SKIP-DASH	88.8						88.8					
46+49.			THRU LANE	STOP BAR				24.0						24.0		
46+49.	46+59.	10.0	THRU LANE	EDGE LINE	10.0						10.0					
46+59.			LEFT TURN LANE	STOP BAR				12.0						12.0		
SUB-TOTAL					1069.8	1141.4	365.0	55.1	168.6	82.4	37.1	2211.2	37.1	420.1	168.6	82.4
TOTAL					2212		421	169	83	38	2212	38	421	169	83	

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PLOT DATE = 3/4/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE

SCALE: SHEET 8 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	8
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

TEMPORARY PAVEMENT MARKINGS SCHEDULE

START STATION	END STATION	LENGTH	LOCATION	DESCRIPTION	TEMPORARY PAVEMENT MARKING - MODIFIED URETHANE						
					LINE 4"			LINE 12"		LINE 24"	LETTERS & SYMBOLS
					WHITE SOLID	WHITE SKIP-DASH	YELLOW DOUBLE	WHITE SOLID	YELLOW SOLID	WHITE SOLID	WHITE
					FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT
IL 13/NW LEG											
122+71.			LEFT TURN LANE	ONLY						11.8	
122+71.			RIGHT TURN LANE	ONLY						11.8	
122+97.			LEFT TURN LANE	LEFT ARROW						8.8	
122+97.			RIGHT TURN LANE	RIGHT ARROW						8.8	
123+08.			LEFT TURN LANE	STOP BAR					24.0		
123+18.			THRU LANE	STOP BAR					12.0		
123+09.	123+16.	7.0	THRU LANE	EDGE LINE	7.0						
123+09.	123+47.	38.0	RIGHT TURN LANE	EDGE LINE	112.7						
123+09.	123+47.	38.0	RIGHT TURN LANE	HATCHING			61.1				
123+09.	124+07.	98.0	LEFT TURN LANE	SKIP-DASH 2'-6"		37.1					
123+35.			RIGHT TURN LANE	STOP BAR					16.0		
IL 13/SW LEG											
45+14.			LEFT TURN LANE	STOP BAR					13.3		
45+39.			THRU LANES	STOP BAR					22.7		
45+39.			RIGHT TURN	STOP BAR					16.6		
IL 13/SE LEG											
124+14.	124+62.	48.0	RIGHT TURN LANE	EDGE LINE	150.4						
124+14.	124+62.	48.0	RIGHT TURN LANE	HATCHING			98.2				
124+24.			RIGHT TURN LANE	STOP BAR					16.0		
124+36.			THRU LANE/OFFSET LANE	STOP BAR					12.0		
124+36.	127+85.	349.0	OFFSET LANE	EDGE LINE	700.9						
124+36.	127+85.	349.0	OFFSET LANE	HATCHING			205.7				
124+59.	128+66.	407.0	LEFT TURN LANE	DOUBLE YELLOW			1141.4				
124+59.	128+66.	407.0	LEFT TURN LANE	DOUBLE YELLOW HATCHING				55.1			
124+70.			LEFT TURN LANE	LEFT ARROW						8.8	
124+97.			LEFT TURN LANE	ONLY						11.8	
125+85.			LEFT TURN LANE	LEFT ARROW						8.8	
126+12.			LEFT TURN LANE	ONLY						11.8	
US 45/NE LEG											
46+47.	48+31.	184.0	RADIUS	SKIP-DASH	88.8						
46+49.			THRU LANE	STOP BAR					24.0		
46+49.	46+59.	10.0	THRU LANE	EDGE LINE	10.0						
46+59.			LEFT TURN LANE	STOP BAR					12.0		
SUB-TOTAL					1069.8	37.1	1141.4	365.0	55.1	168.6	82.4
TOTAL						2249		421		169	83

MODEL: Temp Pk (Sheet)
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USER NAME = Dacoda.Blockley	DESIGNED -	REVISED -
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PLOT DATE = 3/3/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY PAVEMENT MARKING SCHEDULE

SCALE: SHEET 9 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	9
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

SIGNING SCHEDULE

LOCATION	SIGN NAME	STREET NAME	STREET NAME	STATE ROUTE	CARDINAL DIRECTION	DIRECTIONAL ARROW	LEFT ON GREEN ARROW ONLY	LEFT TURN YIELD ON FLASHING	REMARKS	
		COMBINATION (GUIDE SIGNS)						COMBINATION		
	MUTCD No.	D3-2	D3-1	M1-5	M3-4	M6-3	R10-5	R10-12		
	SIZE	60" X 30"	48" X 18"	24" X 24"	24" X 12"	21" X 15"	30" X 36"	30" X 36"		
	SHAPE	RECT.	RECT.	SQUARE	RECT.	RECT.	RECT.	RECT.		
	SIGN AREA (SF)	12.50	6.00	4.00	2.00	2.19	7.50	7.50		
NW LEG		1		1	1	1	2	1		
SW LEG			1					2		
SE LEG		1					1			
NE LEG			1					1		
	SIGN PANEL TYPE	2	1	1	1	1	1	1		
	TOTAL SIGNS	2	2	1	1	1	3	4		
	TOTAL AREA TYPE 1 (SQ FT)	73								
	TOTAL AREA TYPE 2 (SQ FT)	25								

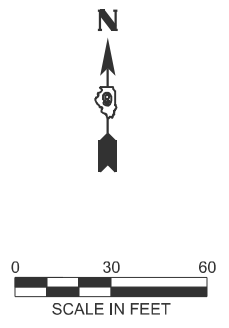
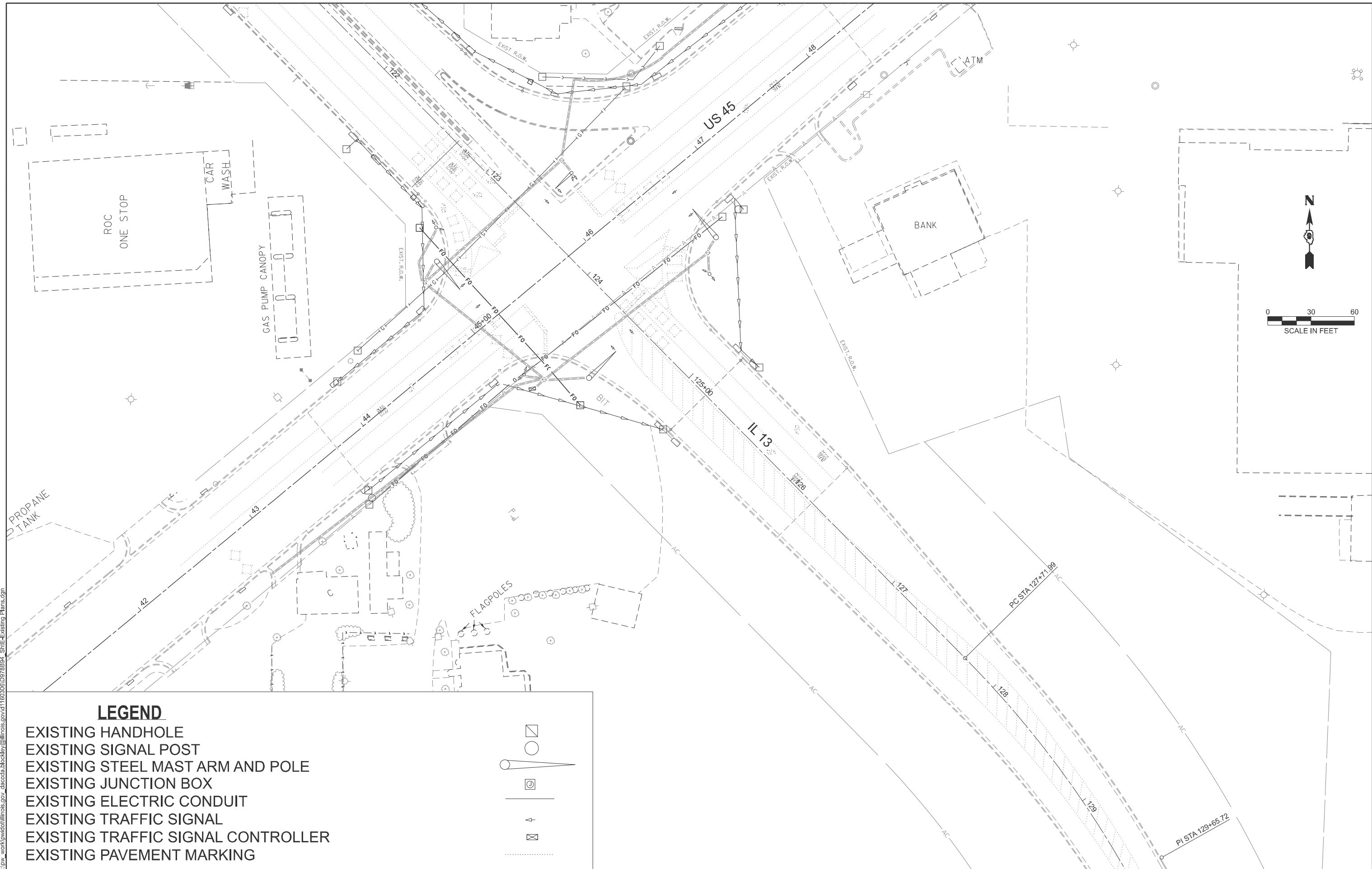
PAVEMENT MARKING REMOVAL

START STATION	END STATION	LOCATION	DESCRIPTION	LENGTH	WIDTH	PAVEMENT MARKING REMOVAL - GRINDING	COMMENTS
				FOOT	FOOT	SQ FT	
IL 13/NW LEG							
	122+81.		LEFT TURN LANES			23.6	
	123+08.		LEFT TURN LANES			17.6	
123+09.	123+33.		LEFT TURN LANES	48.0	0.5	24.0	
123+16.	123+40.		THRU LANE	24.0	0.5	12.0	
	123+33.		LEFT TURN LANES	24.0	2.0	48.0	
123+33.	124+07.		LEFT TURN LANES	32.1	0.3	10.7	
	123+40.		THRU LANE	12.0	2.0	24.0	
IL 13/SE LEG							
124+33.	128+58.		HATCHING	1280.0	0.3	426.7	
124+33.	128+58.		HATCHING	780.7	0.5	390.4	
	125+75.		LEFT TURN LANE			8.8	
	126+02.		LEFT TURN LANE			11.8	
US 45/NE LEG							
45+72.	46+69.		RADIUS	128.2	0.3	10.7	
	46+19.		THRU LANES	24.0	2.0	48.0	
46+19.	46+48.		THRU LANES	58.0	0.5	29.0	
	46+28.		LEFT TURN LANE	12.6	2.0	25.2	
46+28.	46+58.		LEFT TURN LANE	30.0	0.5	15.0	
SUB-TOTAL						1125.4	
TOTAL						1,126	

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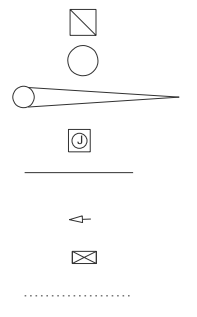
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	DRAWN -	REVISED -						*	D9 Traffic Signal 2026-3	Saline	25	10
	CHECKED -	REVISED -									CONTRACT NO. 78B94	
PLOT DATE = 3/4/2026	DATE -	REVISED -						SCALE:	SHEET 10	OF 25 SHEETS	STA.	TO STA.

MODEL: Ex_Pavmnt_Marking (Sheet)
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LEGEND

- EXISTING HANDHOLE
- EXISTING SIGNAL POST
- EXISTING STEEL MAST ARM AND POLE
- EXISTING JUNCTION BOX
- EXISTING ELECTRIC CONDUIT
- EXISTING TRAFFIC SIGNAL
- EXISTING TRAFFIC SIGNAL CONTROLLER
- EXISTING PAVEMENT MARKING



USER NAME =	Dacoda.Blockley	DESIGNED -	REvised -
		DRAWN -	REvised -
		CHECKED -	REvised -
DATE =	3/4/2026	DATE -	REvised -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

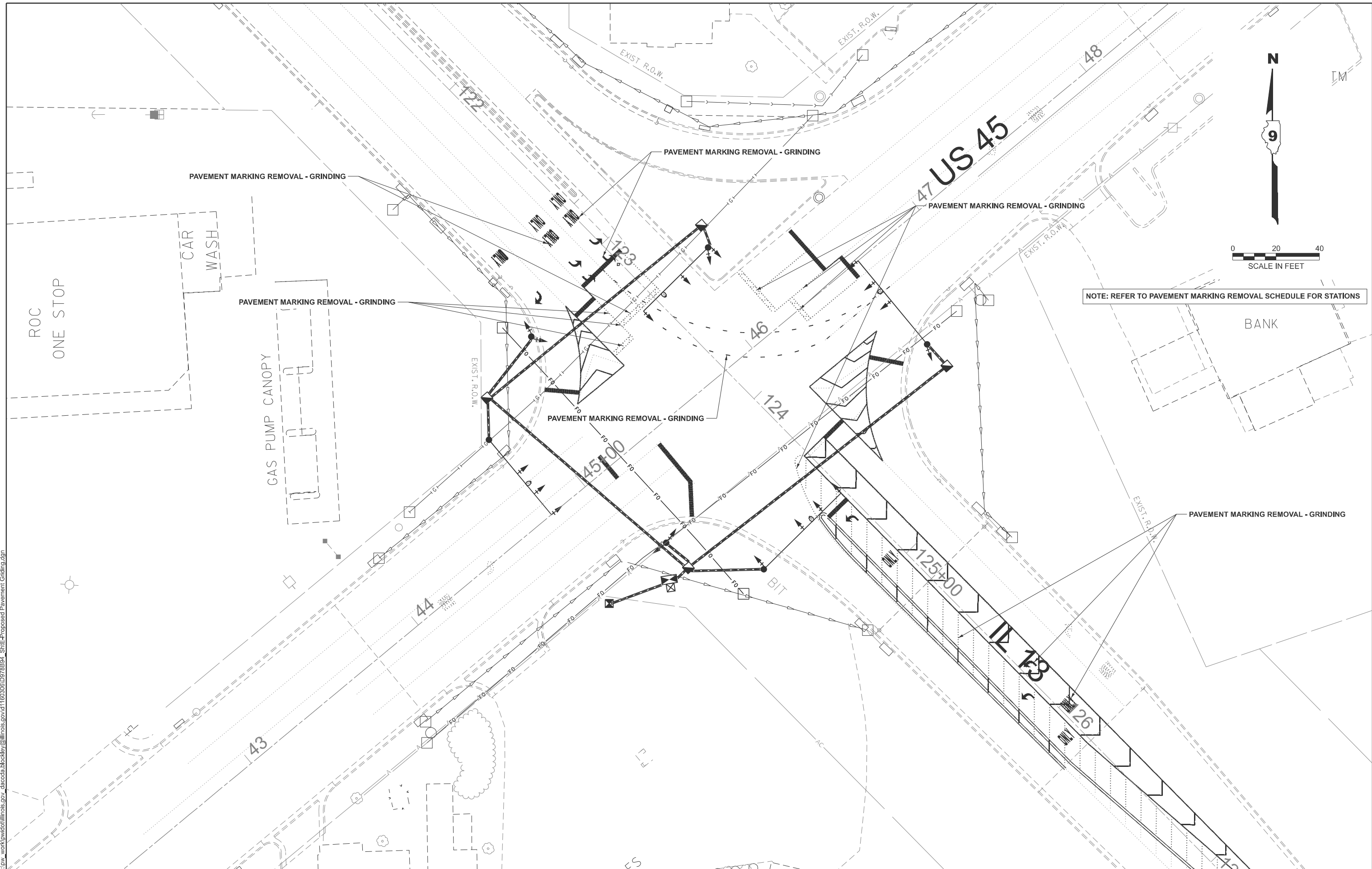
EXISTING PAVEMENT MARKINGS

SCALE: 1"=30' SHEET 11 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	11
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

*FAP 332/FAP 331 (US 45/IL 13)

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NOTE: REFER TO PAVEMENT MARKING REMOVAL SCHEDULE FOR STATIONS

USER NAME =	Dacoda.Blockley	DESIGNED -	REVISD -
		DRAWN -	REVISD -
		CHECKED -	REVISD -
DATE	3/3/2026	DATE	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

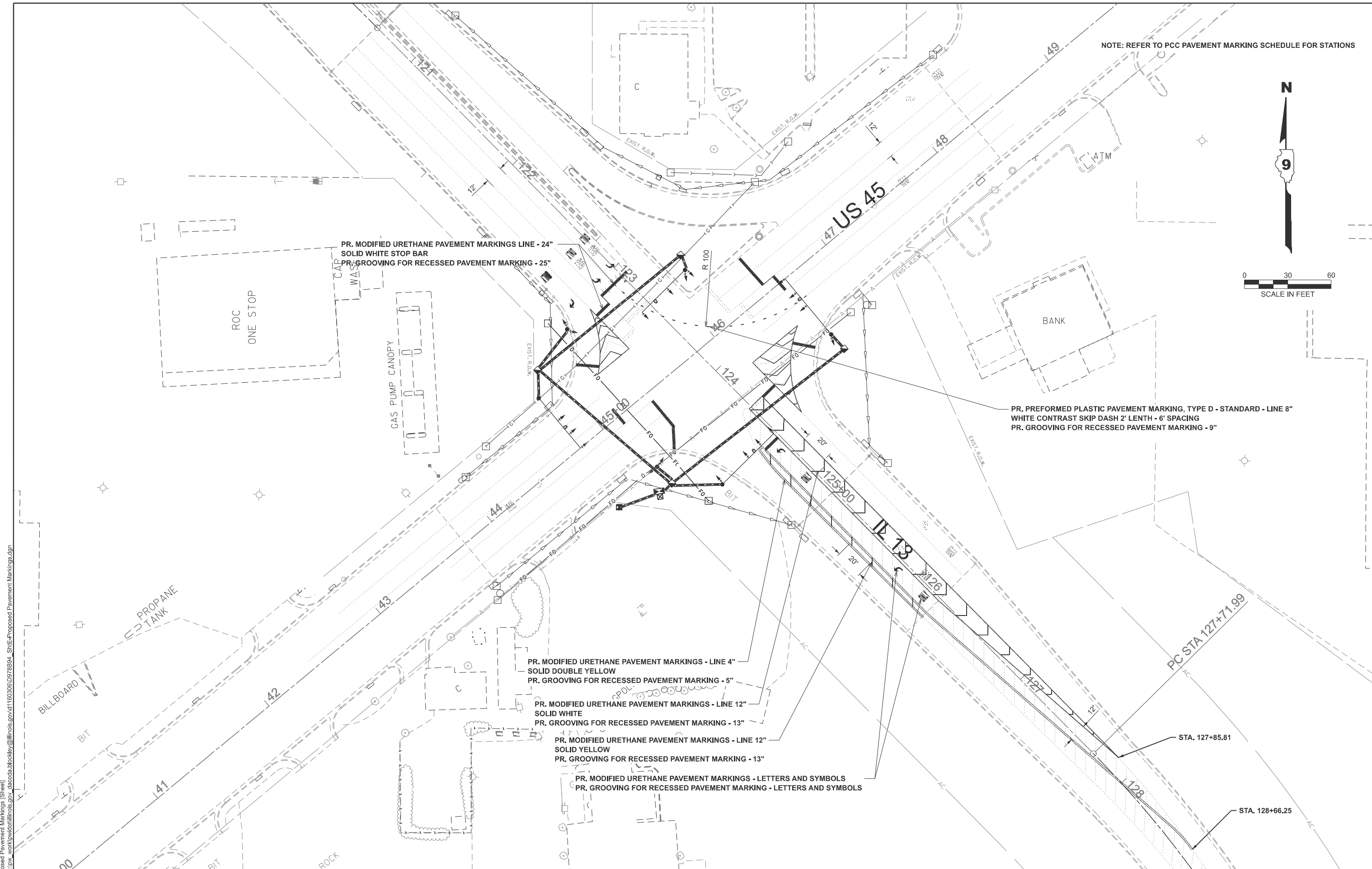
PROPOSED PAVEMENT MARKING REMOVAL - GRINDING

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	12
CONTRACT NO. 78B94				
		ILLINOIS	FED. AID PROJECT	

SCALE: 1"=20' SHEET 12 OF 25 SHEETS STA. TO STA.

*FAP 332/FAP 331 (US 45/IL 13)

NOTE: REFER TO PCC PAVEMENT MARKING SCHEDULE FOR STATIONS



MODEL: Proposed Pavement Markings (Sheet)
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USER NAME =	Dacoda.Blockley	DESIGNED -	REVISD -
		DRAWN -	REVISD -
		CHECKED -	REVISD -
PLOT DATE =	3/3/2026	DATE -	REVISD -

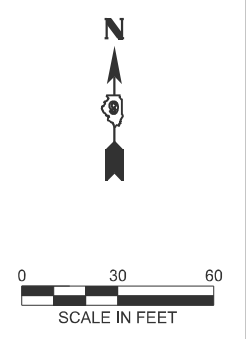
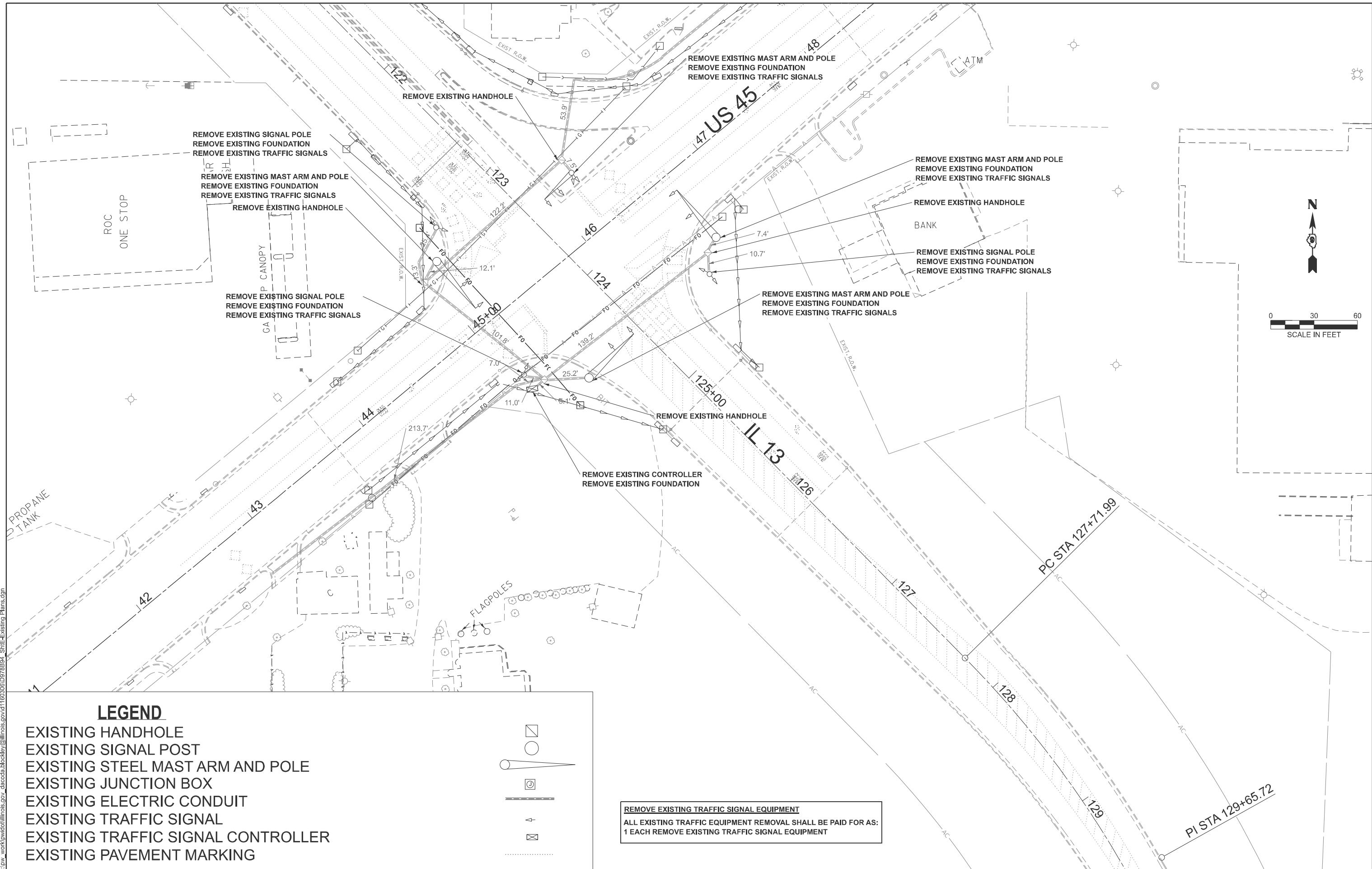
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKINGS
 SCALE: 1"=30' SHEET 13 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	13
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

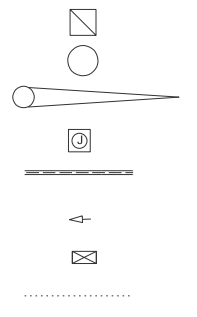
*FAP 332/FAP 331 (US 45/IL 13)

MODEL: Existing Pavement Marking Plan (Sheet)
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LEGEND

- EXISTING HANDHOLE
- EXISTING SIGNAL POST
- EXISTING STEEL MAST ARM AND POLE
- EXISTING JUNCTION BOX
- EXISTING ELECTRIC CONDUIT
- EXISTING TRAFFIC SIGNAL
- EXISTING TRAFFIC SIGNAL CONTROLLER
- EXISTING PAVEMENT MARKING



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
 ALL EXISTING TRAFFIC EQUIPMENT REMOVAL SHALL BE PAID FOR AS:
 1 EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

USER NAME = Dacoda.Blockley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/4/2026	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC SIGNALS

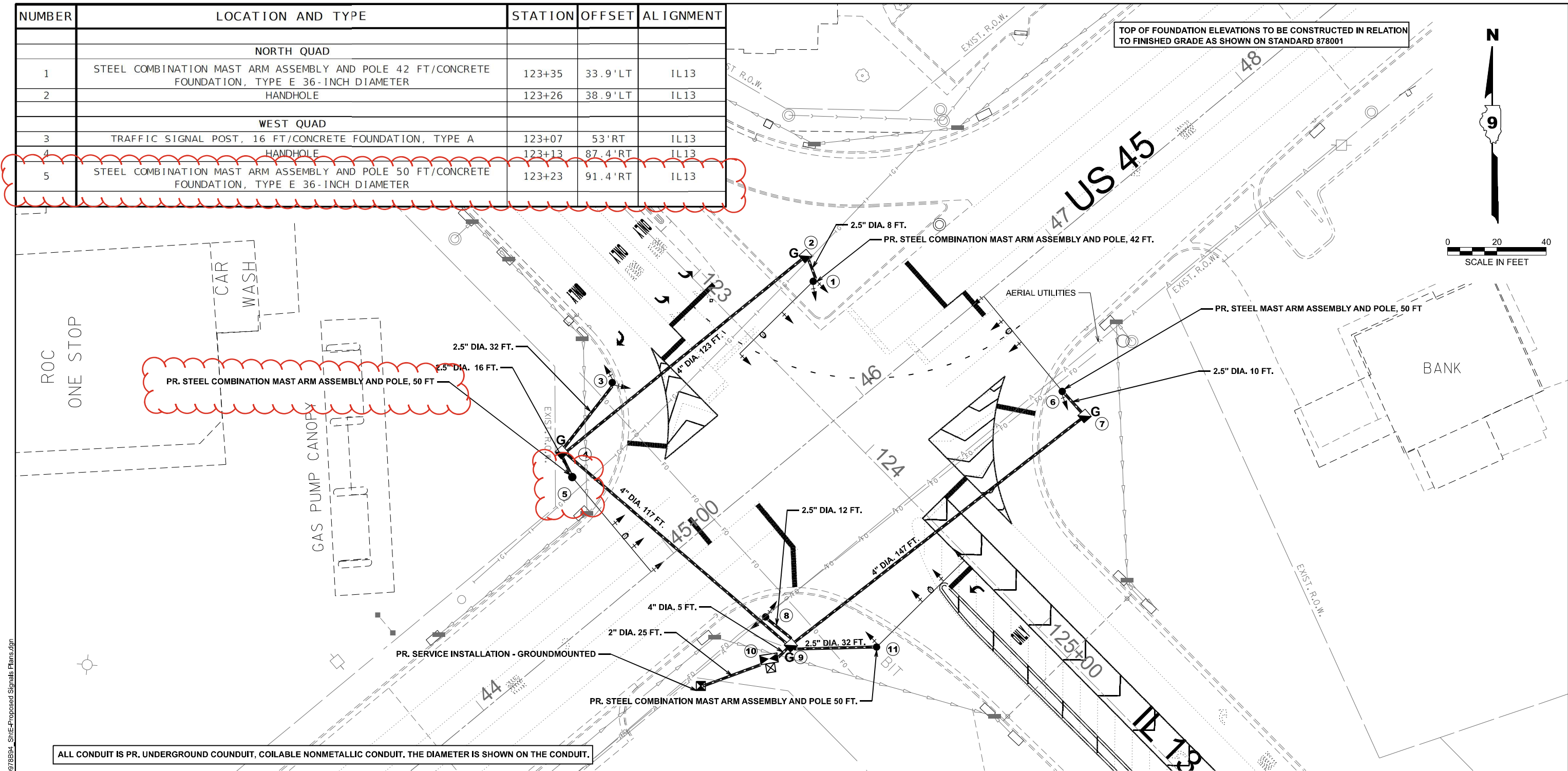
SCALE: 1"=30' SHEET 14 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	14
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

*FAP 332/FAP 331 (US 45/IL 13)

NUMBER	LOCATION AND TYPE	STATION	OFFSET	ALIGNMENT
NORTH QUAD				
1	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT/CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	123+35	33.9'LT	IL13
2	HANDHOLE	123+26	38.9'LT	IL13
WEST QUAD				
3	TRAFFIC SIGNAL POST, 16 FT/CONCRETE FOUNDATION, TYPE A	123+07	53'RT	IL13
4	HANDHOLE	123+13	87.4'RT	IL13
5	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT/CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	123+23	91.4'RT	IL13

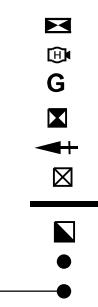
TOP OF FOUNDATION ELEVATIONS TO BE CONSTRUCTED IN RELATION TO FINISHED GRADE AS SHOWN ON STANDARD 878001



ALL CONDUIT IS PR. UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT. THE DIAMETER IS SHOWN ON THE CONDUIT.

LEGEND

- FULL-ACTUATED CONTROLLER AND TYPE V CABINET
- VIDEO AND RADAR HYBRID DETECTION SYSTEM
- GROUND ROD, 8', COPPER CLAD
- SERVICE INSTALLATION - GROUND MOUNTED
- TRAFFIC SIGNAL WITH BACKPLATE
- TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT
- HANDHOLE
- TRAFFIC SIGNAL POST
- STEEL MAST ARM ASSEMBLY AND POLE



NUMBER	LOCATION AND TYPE	STATION	OFFSET	ALIGNMENT
EAST QUAD				
6	STEEL MAST ARM ASSEMBLY AND POLE 50 FT/CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	124+38	33.9'LT	IL13
7	HANDHOLE	124+52	73.9'LT	IL13
SOUTH QUAD				
8	TRAFFIC SIGNAL POST, 16 FT/CONCRETE FOUNDATION, TYPE A	124+19	75.5'RT	IL13
9	HANDHOLE	124+34	76.2'RT	IL13
10	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	124+32	86.4'RT	IL13
11	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT/CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	124+59	52'RT	IL13

MODEL: Proposed Plan-2 (Sheet) FILE NAME: c:\pwworking\illinois.gov\dacoda.blockley\1160306\0978894_Site-Proposed Signals Plans.dgn

USER NAME =	Dacoda.Blockley	DESIGNED -	REVISOR -
DRAWN -		CHECKED -	DATE -
PLOT DATE =	3/3/2026		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

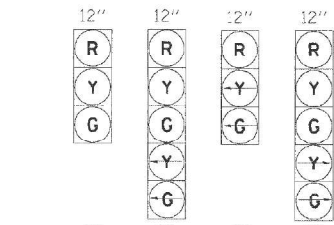
PROPOSED TRAFFIC SIGNALS

SCALE: 1"=20' SHEET 15 OF 25 SHEETS STA. TO STA.

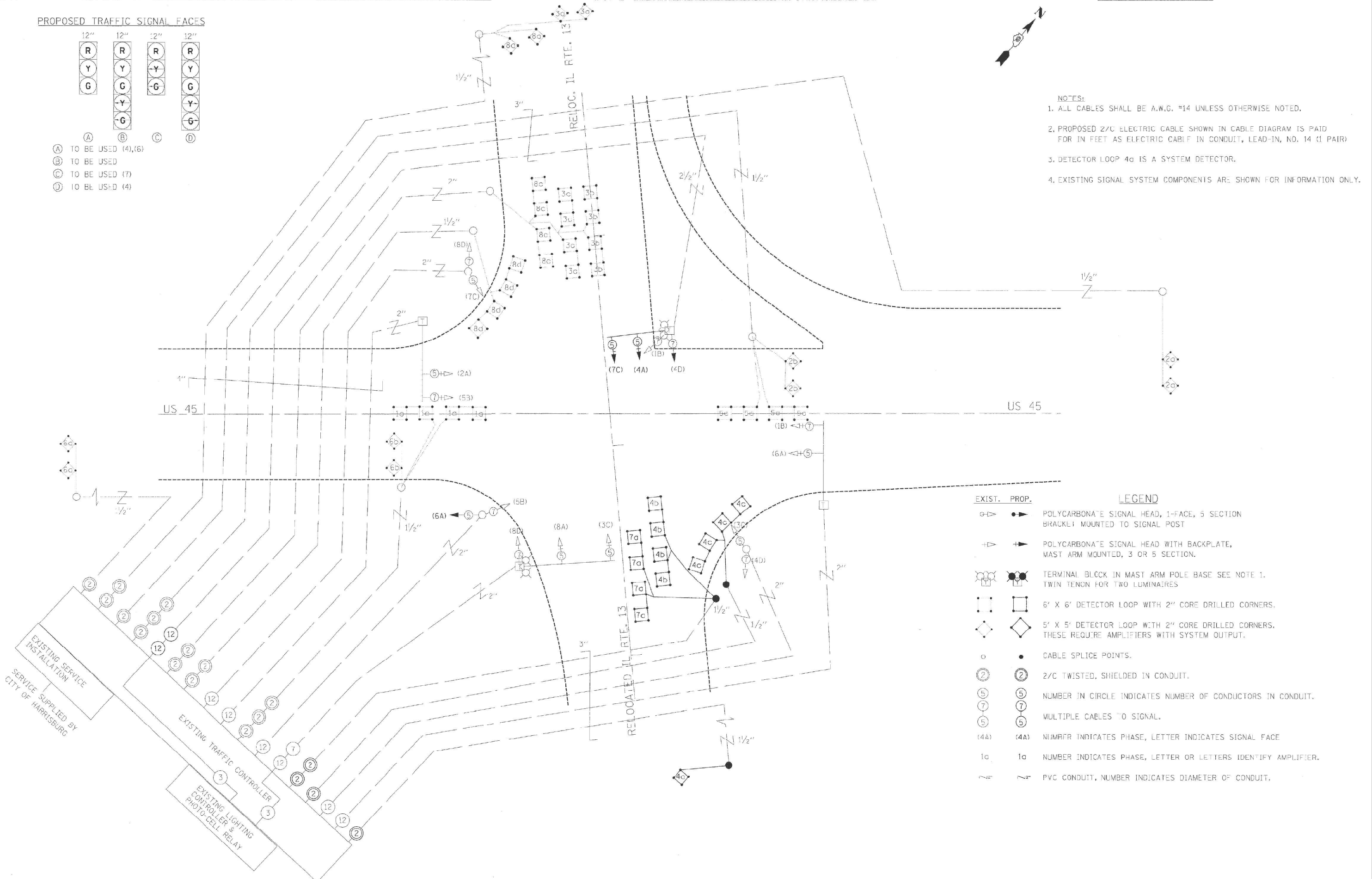
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	15
CONTRACT NO. 78B94				

*FAP 332/FAP 331 (US 45/IL 13)

PROPOSED TRAFFIC SIGNAL FACES



- (A) TO BE USED (4),(6)
- (B) TO BE USED
- (C) TO BE USED (7)
- (D) TO BE USED (4)



- NOTES:
1. ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
 2. PROPOSED 2/C ELECTRIC CABLE SHOWN IN CABLE DIAGRAM IS PAID FOR IN FEET AS ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 (1 PAIR)
 3. DETECTOR LOOP 4a IS A SYSTEM DETECTOR.
 4. EXISTING SIGNAL SYSTEM COMPONENTS ARE SHOWN FOR INFORMATION ONLY.

EXIST.	PROP.	LEGEND
		POLYCARBONATE SIGNAL HEAD, 1-FACE, 5 SECTION BRACKET MOUNTED TO SIGNAL POST
		POLYCARBONATE SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED, 3 OR 5 SECTION
		TERMINAL BLOCK IN MAST ARM POLE BASE SEE NOTE 1. TWIN TENON FOR TWO LUMINAIRES
		6' X 6' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS.
		5' X 5' DETECTOR LOOP WITH 2" CORE DRILLED CORNERS. THESE REQUIRE AMPLIFIERS WITH SYSTEM OUTPUT.
		CABLE SPLICE POINTS.
		2/C TWISTED, SHIELDED IN CONDUIT.
		NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN CONDUIT.
		MULTIPLE CABLES TO SIGNAL.
		(4A) NUMBER INDICATES PHASE, LETTER INDICATES SIGNAL FACE
		1a NUMBER INDICATES PHASE, LETTER OR LETTERS IDENTIFY AMPLIFIER.
		7 PVC CONDUIT, NUMBER INDICATES DIAMETER OF CONDUIT.

MODEL: Existing Wiring Diagram (Sheet)
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 D:\p\work\1160306\0978894_ShtF-Wire_Phase Diagram.dgn

USER NAME = Dacoda.Blockley	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING WIRING DIAGRAM		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -		SCALE:		SHEET 16	OF 25	SHEETS	STA.	TO STA.	ILLINOIS
	CHECKED -	REVISED -		CONTRACT NO. 78B94							
DATE = 3/4/2026	DATE -	REVISED -		*FAP 332/FAP 331 (US 45/IL 13)							



DRAWING NOT TO SCALE

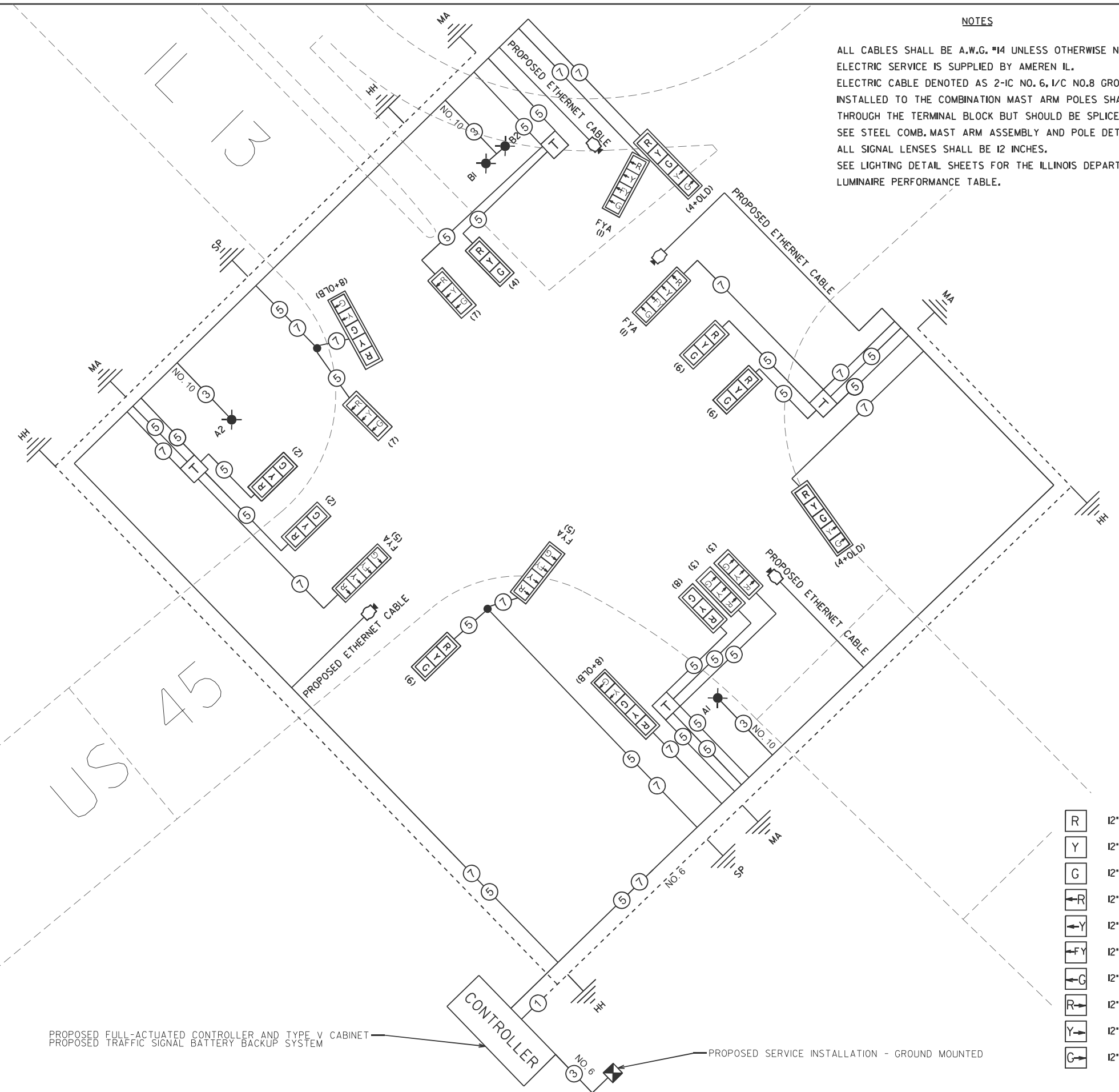
NOTES

ALL CABLES SHALL BE A.W.G. #14 UNLESS OTHERWISE NOTED.
ELECTRIC SERVICE IS SUPPLIED BY AMEREN IL.
ELECTRIC CABLE DENOTED AS 2-1C NO. 6, 1/C NO.8 GROUND BEING
INSTALLED TO THE COMBINATION MAST ARM POLES SHALL NOT GO
THROUGH THE TERMINAL BLOCK BUT SHOULD BE SPLICED IN POLE.
SEE STEEL COMB, MAST ARM ASSEMBLY AND POLE DETAIL.
ALL SIGNAL LENSES SHALL BE 12 INCHES.
SEE LIGHTING DETAIL SHEETS FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE.

PROPOSED LEGEND

- PROPOSED SIGNAL HEAD, LED, 1-FACE, 5-SECTION, (W/ TRAFFIC SIGNAL BACKPLATE)
- PROPOSED SIGNAL HEAD, LED, 1-FACE, 4-SECTION, (W/ TRAFFIC SIGNAL BACKPLATE)
- PROPOSED SIGNAL HEAD, LED, 1-FACE, 3SECTION, (W/ TRAFFIC SIGNAL BACKPLATE)
- PROPOSED VIDEO AND RADAR HYBRID DETECTION SYSTEM
- NUMBER IN CIRCLE INDICATES NUMBER OF CONDUCTORS IN THAT CABLE
- NUMBER IN PARENTHESIS INDICATES PHASE
- MA - MAST ARM
- HH - HANDHOLE
- SP - SIGNAL POLE
- T - TERMINAL BLOCK
- xx - SINGLE LUMINAIRE, NUMBER INDICATED ON DRAWING DENOTES FIXTURE NUMBER

- 12' TRAFFIC SIGNAL SECTION. - SOLID RED
- 12' TRAFFIC SIGNAL SECTION. - SOLID YELLOW
- 12' TRAFFIC SIGNAL SECTION. - SOLID GREEN
- 12' TRAFFIC SIGNAL SECTION. - LEFT TURN RED
- 12' TRAFFIC SIGNAL SECTION. - LEFT TURN YELLOW
- 12' TRAFFIC SIGNAL SECTION. - LEFT TURN FLASHING YELLOW
- 12' TRAFFIC SIGNAL SECTION. - LEFT TURN GREEN
- 12' TRAFFIC SIGNAL SECTION. - RIGHT TURN RED
- 12' TRAFFIC SIGNAL SECTION. - RIGHT TURN YELLOW
- 12' TRAFFIC SIGNAL SECTION. - RIGHT TURN GREEN



PROPOSED FULL-ACTUATED CONTROLLER AND TYPE V CABINET
PROPOSED TRAFFIC SIGNAL BATTERY BACKUP SYSTEM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WIRING DIAGRAM

SCALE: SHEET 17 OF 25 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	17
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

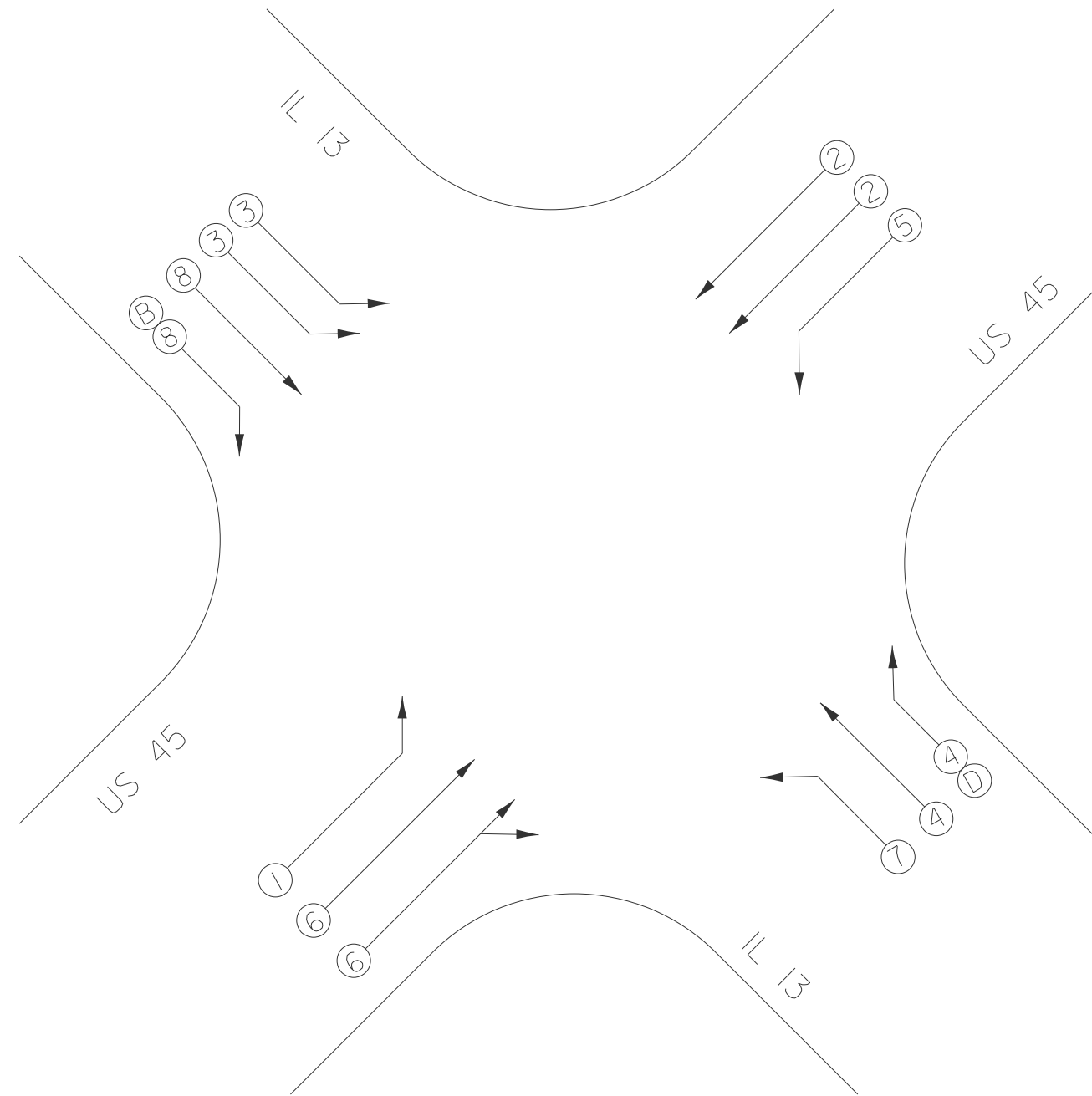
*FAP 332/FAP 331 (US 45/IL 13)

MODEL: Wiring Diagram (Sheet)
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USER NAME = Dacoda.Blockley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/3/2026	DATE -	REVISED -

PROPOSED PHASE DESIGNATION DIAGRAM

US 45 & IL 13



LEGEND

VEHICULAR MOVEMENT

NUMBER REFERS TO ASSOCIATED PHASE

REFERRING TO STANDARD 857001, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED AS SHOWN

MODEL: Phase Diagram (Sheet)
 FILE NAME: c:\p\work\wv\illinois.gov_dacoda.blockley@illinois.gov\1160306\0978894_ShtF-Wire_Phase Diagram.dgn

USER NAME = Dacoda.Blockley	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/4/2026	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PHASE DESIGNATION DIAGRAM

SCALE: SHEET 18 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	18
CONTRACT NO. 78B94				
ILLINOIS			FED. AID PROJECT	

*FAP 332/FAP 331 (US 45/IL 13)

LEGEND

	PROPOSED LIGHTING CONTROLLER (SPECIAL)
	PROPOSED LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G, 120V 45 FT M.H., 15 FT M.A., ON STEEL COMBINATION MAST ARM AND POLE. (SEE TRAFFIC SIGNAL PLANS FOR LOCATION)
	PROPOSED LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G, 120V 45 FT M.H., 2 - 15 FT M.A., ORIENTED 90 DEGREES APART ON STEEL COMBINATION MAST ARM AND POLE. (SEE TRAFFIC SIGNAL PLANS FOR LOCATION)
---	PROPOSED ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE) 3-1/2 NO. 10, INSTALLED IN TRAFFIC SIGNAL CONDUIT.

GENERAL NOTES

- I. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR EXISTING OVERHEAD POWERLINES.

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/2 NO. 10	FOOT	480
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
X8250505	LIGHTING CONTROLLER (SPECIAL)	EACH	1

HIGHWAY STANDARDS

821101-02 LUMINAIRE WIRING IN POLE

INDEX OF SHEETS

- E1 GENERAL NOTES, INDEX OF SHEETS, LEGEND, AND HIGHWAY STANDARDS
 E2 PROPOSED LIGHTING PLAN: IL-13 AND US-45
 E3 WIRING DIAGRAM AND LUMINAIRE PERFORMANCE TABLE

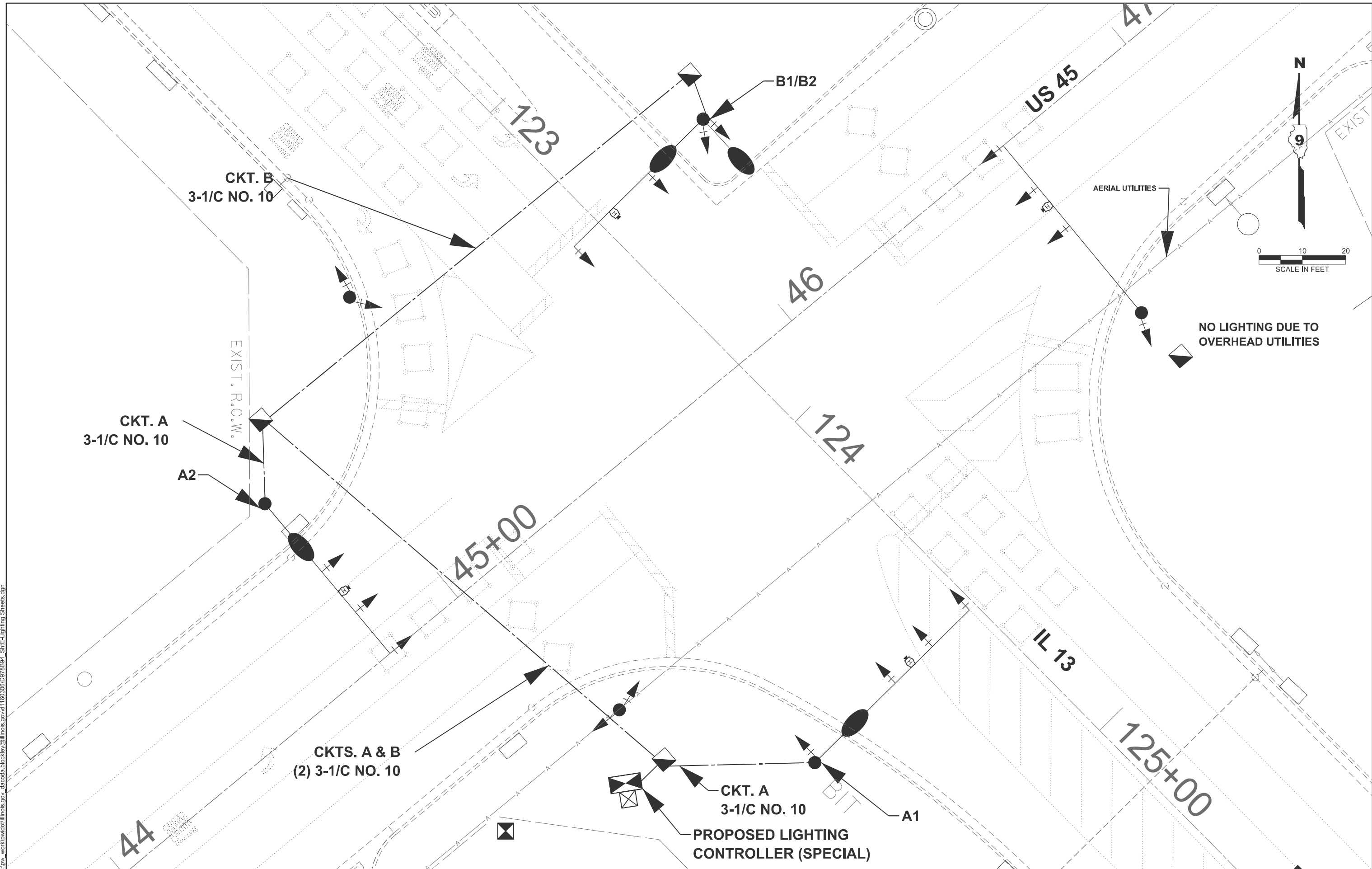
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E1

USER NAME = Dacoda.Blockley	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING: GENERAL NOTES, INDEX OF SHEETS, LEGEND, HIGHWAY STANDARDS, AND SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			*	D9 Traffic Signal 2026-3	Saline	25	19	
	CHECKED -	REVISED -			CONTRACT NO. 78B94					
PLOT DATE = 3/4/2026	DATE -	REVISED -			SCALE:	SHEET 19 OF 25 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

*FAP 332/FAP 331 (US 45/IL 13)

MODEL: Lighting Plan-1 (Sheet)
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		DRAWN -	REVISD -
		CHECKED -	REVISD -
PLOT DATE =	3/4/2026	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED LIGHTING PLAN: IL 13 / US 45

SCALE: SHEET 20 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	20
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

*FAP 332/FAP 331 (US 45/IL 13)

LIGHTING CONTROLLER (SPECIAL) DETAIL

LUMINAIRE PERFORMANCE TABLE

US 45 & IL 13



Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
01/19/26	78B94		Saline

Marked Route Number	Municipality
US-45	

Roadway

Lane Width (see note 4)	Number and Direction of lanes	Median Width	Surface Classification	Q-Zero Value
12	3 same direction	N.A.	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back (see note 1)	Number of Luminaries
45	15	35	1

Luminaire

Description	Transverse Distribution	Lateral Distribution
Roadway Luminaire, LED, Output G	III	Medium

Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
Refer to Notes 6 and 7	U=0		0-10V

Layout

Spacing	Configuration
110	Single Sided

Performance (see notes 5 and 6)

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}
1.7	3.0

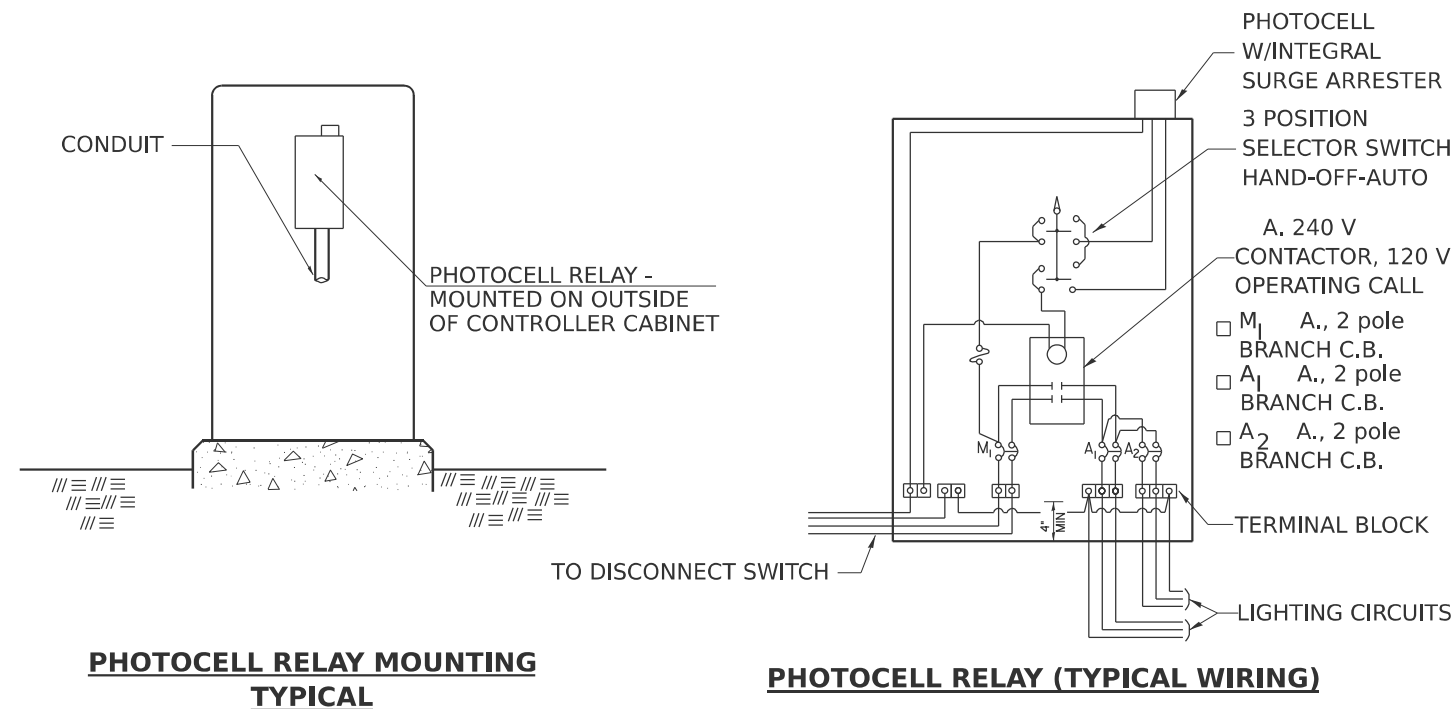
Average Luminance, L_{AVE} (cd/m ²)	Uniformity Ratio, L_{AVE}/L_{MIN}	Uniformity Ratio, L_{MAX}/L_{MIN}	Veiling Luminance Ratio, L_v/L_{AVE}
N.A.	N.A.	N.A.	0.3

Light Trespass (see notes 5 and 7)

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E_H	Max. Vertical Illuminance at ROW, E_v
N.A.	N.A.	N.A.

Notes

- Set-Back is from Edge of Pavement (white line).
- Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
- Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.
- Lane width is the width of each **individual** lane, not to be confused with total roadway width.
- Compliance with performance criteria shall be held to one significant digit.
- Photometric calculations for roadways shall be performed with a total light loss factor of 0.7
- Light trespass calculations shall be performed with a total light loss factor of 1.0 and with horizontal calculations performed at grade and vertical calculations performed with calculation points located three feet above grade.
- Luminaire performance table is intended to define the luminaire and does not necessarily match any specific roadway geometry, mounting height, setback, or arm length.



PHOTOCELL RELAY MOUNTING TYPICAL

PHOTOCELL RELAY (TYPICAL WIRING)

MODEL - Wiring Diagram for Lighting [Sheet]
FILE NAME - c:\p\work\78B94\illinois.gov\dacoda.blockley@illinois.gov\dacoda.blockley_ShtE-Lighting_Sheets.dgn

Printed 01/19/26

BDE 5630 (Rev. 06/06/24)

E3

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	CHECKED -	REVISED -
PLOT DATE = 3/4/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

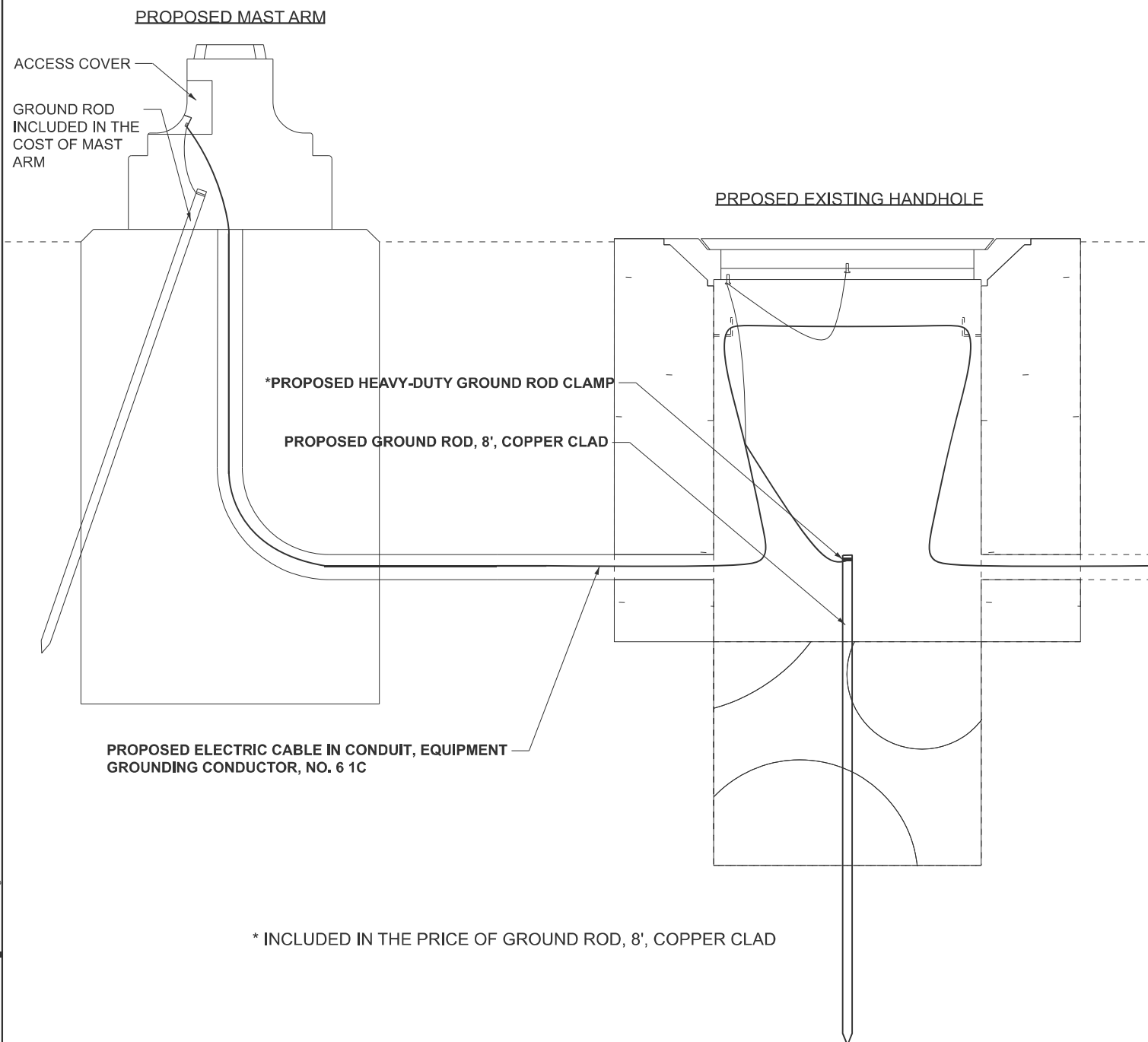
LIGHTING CONTROLLER (SPECIAL) DETAIL AND
LUMINAIRE PERFORMANCE TABLE

SCALE: SHEET 21 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	21
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

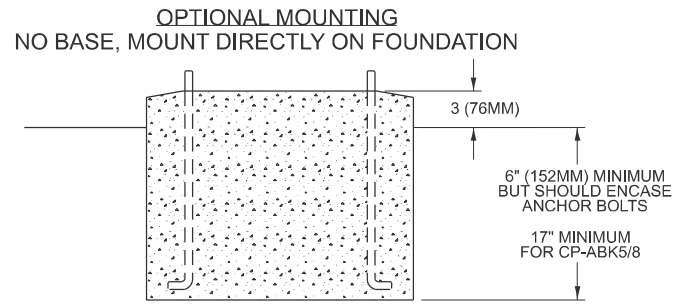
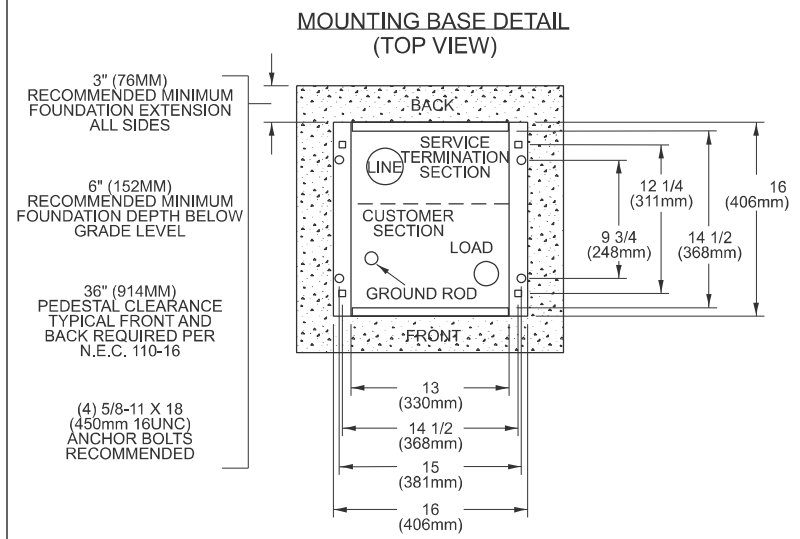
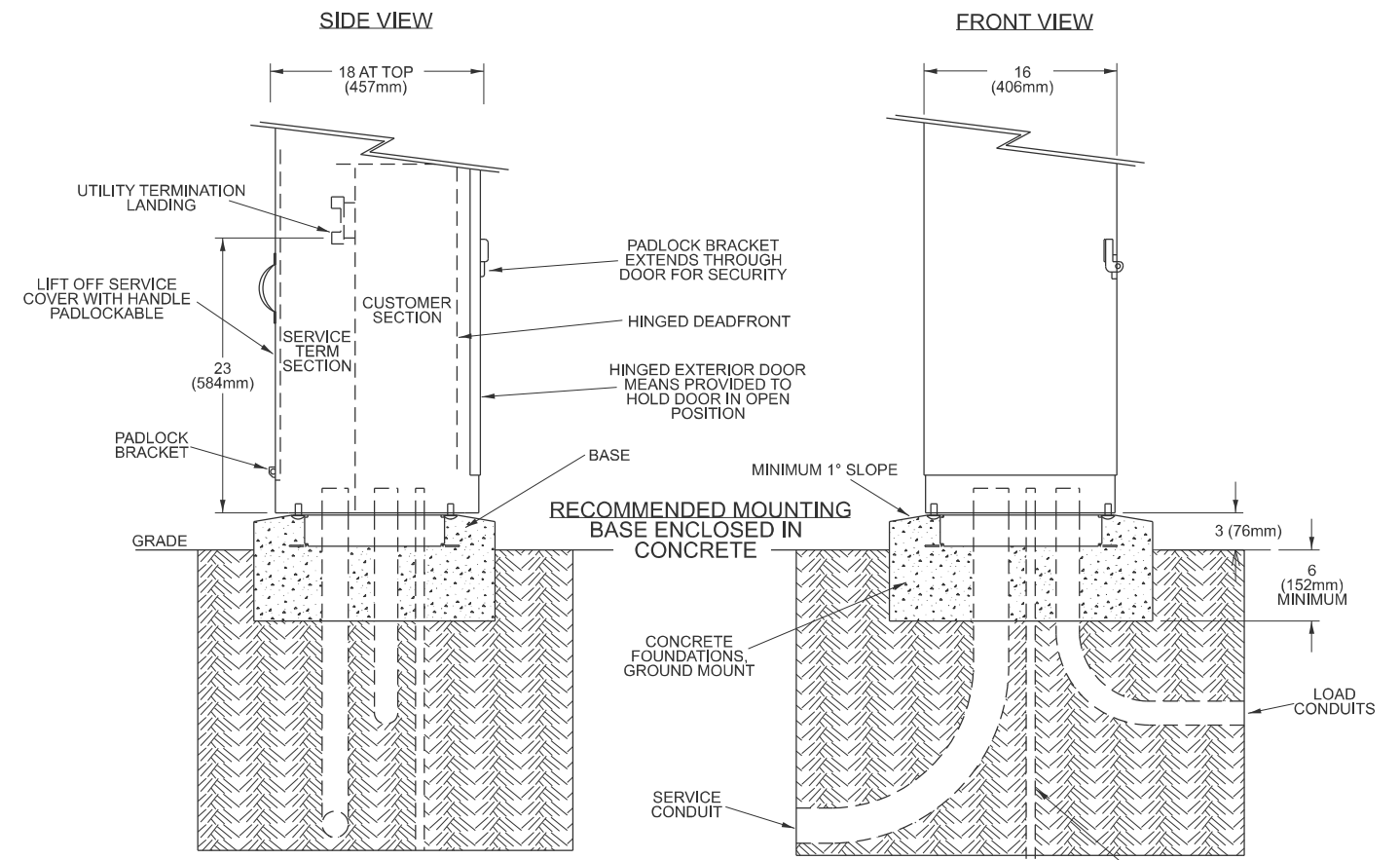
*FAP 332/FAP 331 (US 45/IL 13)

HANDHOLE AND MAST ARM GROUNDING



* INCLUDED IN THE PRICE OF GROUND ROD, 8', COPPER CLAD

CABINET FOR SERVICE INSTALLATION GROUND MOUNT AND CONCRETE FOUNDATIONS, GROUND MOUNT



- PEDESTAL MOUNTING HOLES
- ANCHOR BOLT MOUNTING HOLES

REVISIONS

DRAWN	03-02-22
REVISED	
REVISED	
REVISED	

STD. 9-51

MODEL: Ground details (Sheet) FILE NAME: c:\p\work\pwrtd\illinois.gov_dacoda.blockley@illinois.gov\1160306\0978894_ShtG-Details.dgn

USER NAME =	Dacoda.Blockley	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE =	3/4/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS: SIGNAL GROUNDING
DETAILS: SERVICE INSTALLATION - GROUND MOUNTED**

SCALE: SHEET 23 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	23
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

*FAP 332/FAP 331 (US 45/IL 13)

SIGNS



60x30 sign

line 1 6" T2k Hwyc font

line 2 4" T2k Hwyc font

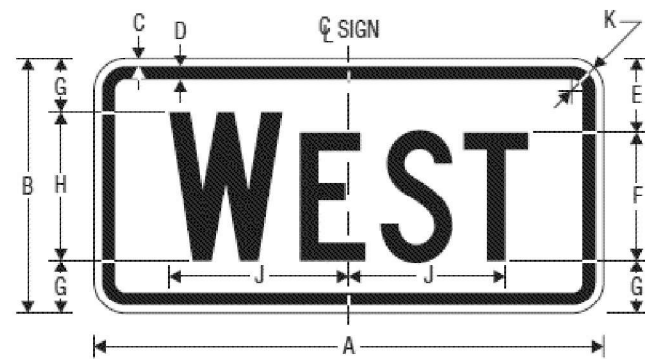


Sign 48x18

Font 6" T2k Hwyc font

"Commercial St./US Rt 45" SIGN
60" X 30" SIGN, 1ST LINE 6" LETTERS, FONT T2000 HWYC
2ND LINE 4" LETTERS, FONT T2000 HWYC
D3-2

"ILL Route 13" SIGN
48" X 18" SIGN, 6" LETTERS, FONT T2000 HWYC
D3-1

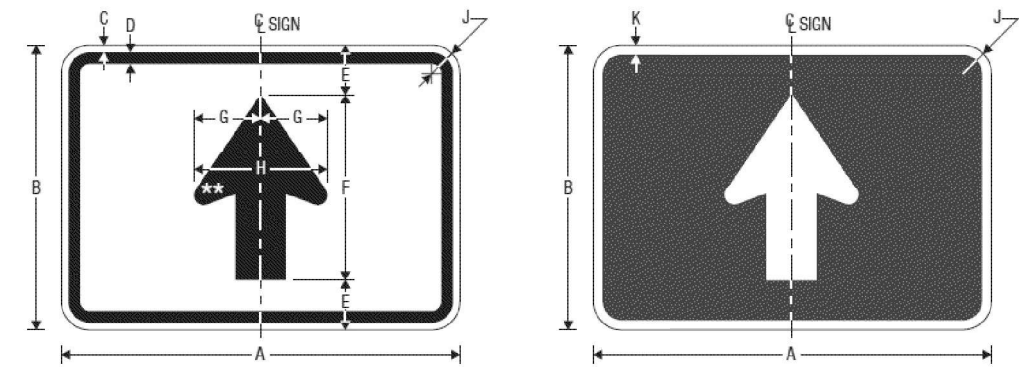


M3-4

CARDINAL DIRECTION - WEST



A	B	C	D	E	F	G	H	J	K	L
24	12	0.375	0.625	3.5	6 C	2.5	7 C	8.454	1.5	0.5
36	18	0.375	0.625	6	8 C	4	10 C	11.526	1.5	0.5



M6-3

DIRECTIONAL ARROW AUXILIARY

** See page 6-2 for arrow design.

A	B	C	D	E	F	G	H	J	K
12*	9*	-	-	1.5	6	2.125	4.25	1.5	0.375
21	15	0.375	0.625	2.625	9.75	3.5	7	1.5	0.5
30	21	0.375	0.625	3.5	14	5	10	1.5	0.5

MODEL: Details signs (Sheet)
FILE NAME: c:\p\work\illinois.gov_dacoda.blockley@illinois.gov\1160306\0978894_Sign-Details.dgn

USER NAME = Dacoda.Blockley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/4/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: SIGNS

SCALE: SHEET 24 OF 25 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	24
CONTRACT NO. 78B94				
ILLINOIS FED. AID PROJECT				

*FAP 332/FAP 331 (US 45/IL 13)

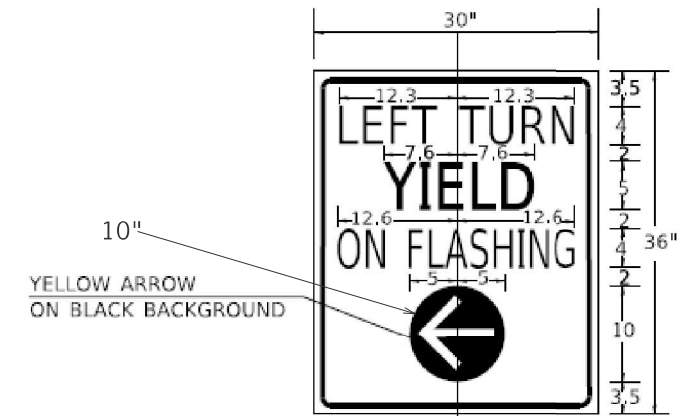
SIGNS CONTD.



R10-5
LEFT ON GREEN ARROW ONLY

*Reduce spacing to fit.

A	B	C	D	E	F	G	H	J	K	L	M
24	30	.375	.625	3.25	4 C	2.5	8.726	6.785	7.365	5.324	1.5
30	36	.5	.75	4.25	5 C	2.5	10.907	8.487	9.188	6.918	1.875
48	60	.75	1.25	6.5	8 C	5	17.452	13.58	14.702	10.508	3



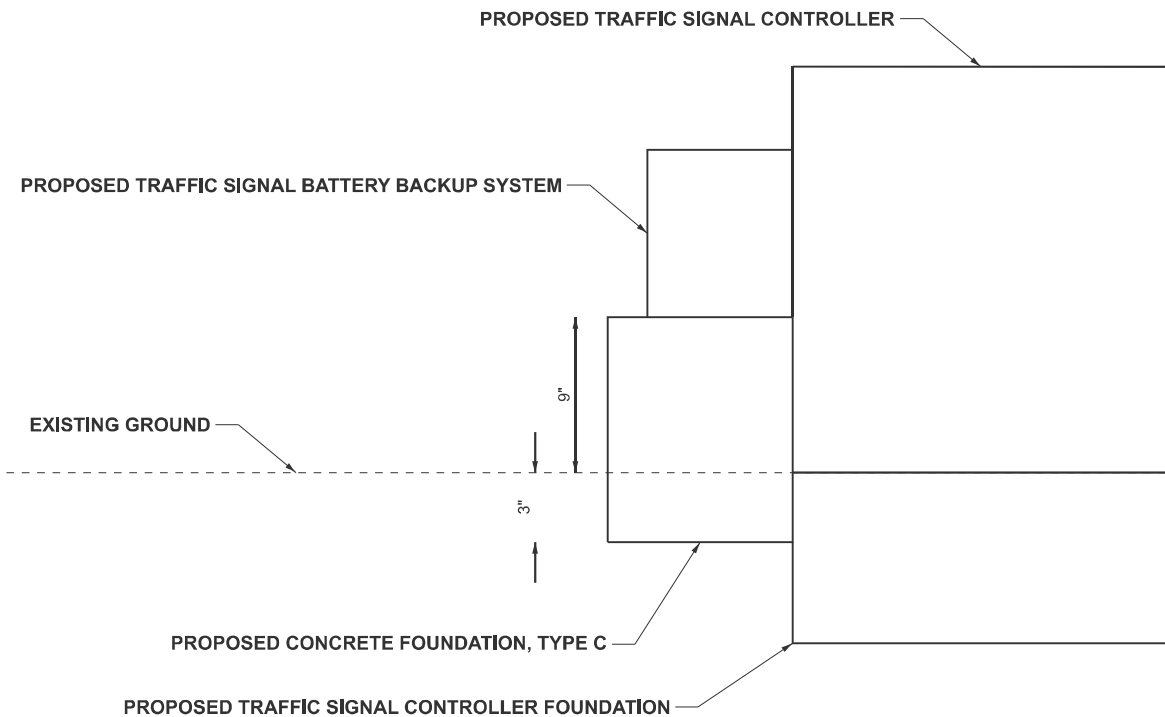
LT YIELD ON FYA

SIGN BACKGROUND: WHITE
SIGN LETTERING: BLACK
SIGN SHEETING: AP
SIGN NAME: LT TURN YIELD ON FYA



"ILLINOIS 13"
M1-5
24"x24"

**PROPOSED TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
CONCRETE FOUNDATION, TYPE C**



MODEL: Details signs-2 (Sheet)
FILE NAME: c:\p\work\pwr\illinois.gov_dacoda.blockley@illinois.gov\1160306\0978894_ShtC-Details.dgn

USER NAME = Dacoda.Blockley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/4/2026	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS: SIGNS CONTD.
DETAILS: CONCRETE FOUNDATION, TYPE C**

SCALE: SHEET 25 OF 25 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D9 Traffic Signal 2026-3	Saline	25	25
CONTRACT NO. 78B94				
ILLINOIS		FED. AID PROJECT		

*FAP 332/FAP 331 (US 45/IL 13)