

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAI ROUTE 57 (I-57) & FAP ROUTE 332 (IL 1)
SECTION (46-2)HL & (1R)HL
PROJECT CR-KBXC(173)
LIGHTING LUMINAIRE REPLACEMENT
KANKAKEE COUNTY

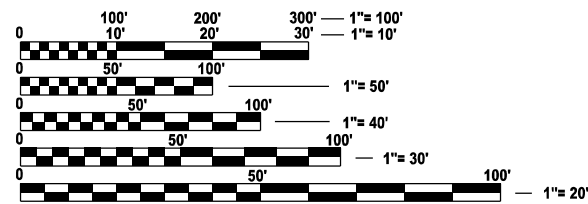
C-93-062-26

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HIGHWAY STANDARDS

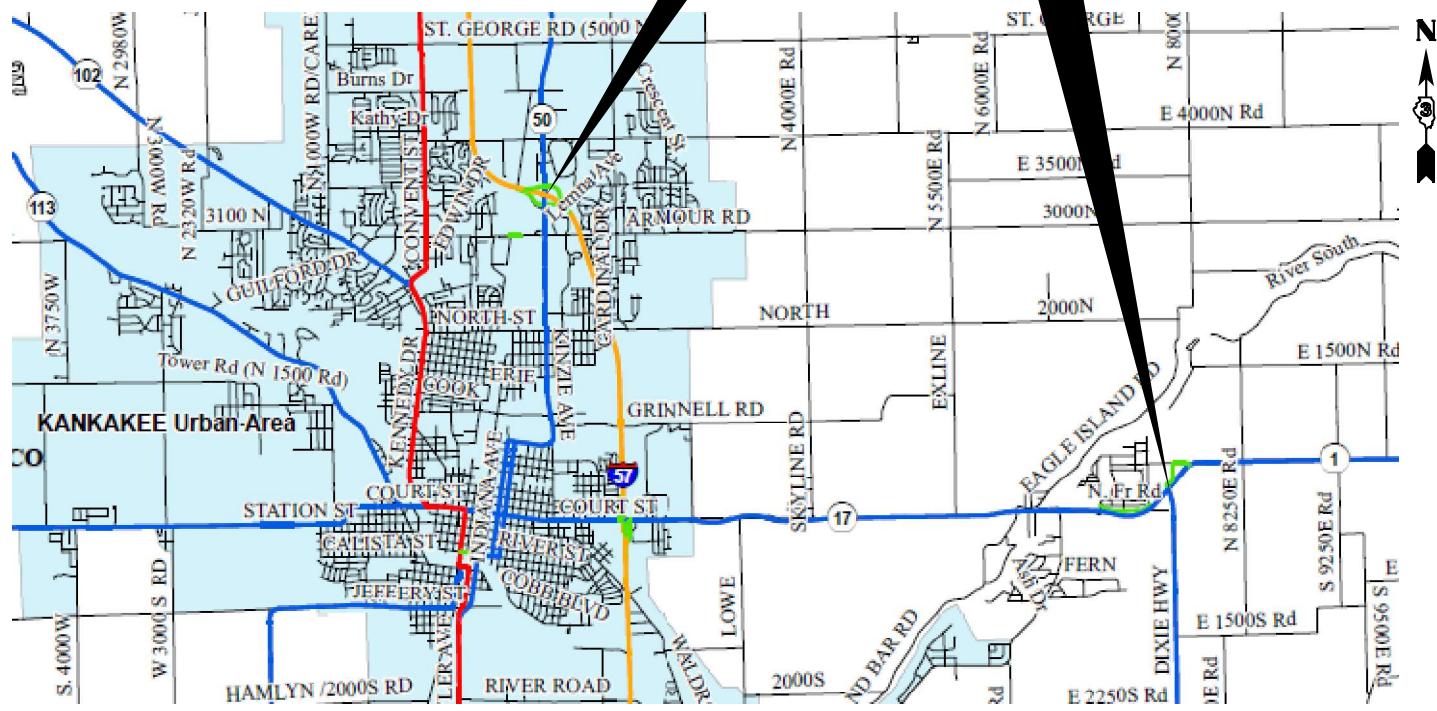
- 000001-09 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY,
FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION,
FOR SPEEDS ≥ 45 MPH
- 701456-05 PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701901-11 TRAFFIC CONTROL DEVICES
- 821001 UNDERPASS LIGHTING WALL MOUNT
- 830006-05 LIGHT POLE ALUMINUM DAVIT ARM
- 830011-03 LIGHT POLE STEEL MAST ARM
- 830016-03 LIGHT POLE STEEL DAVIT ARM
- 830021-04 LIGHT POLE STEEL TENON TOP
- 835001-03 LIGHT TOWER



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER JUNIOR SENAT P.E.
UNIT CHIEF RON WOODSHANK
DISTRICT NO. 3 (815) 434-6131
CONTRACT NO. 66T35



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(46-2)HL & (1R)HL	KANKAKEE	23	1
* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17) ILLINOIS CONTRACT NO. 66T35				

D-93-041-26



SEE SHEET 2 FOR ADT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 5 2026

Julia Thompson
REGIONAL ENGINEER

June 26, 2026
See E.A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 2026
Quarry
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

NONE

COMMITMENTS

NONE

FUNCTIONAL CLASSIFICATION

URBAN -INTERSTATE

F.A.I. ROUTE 57 (I-57)

2025 ADT = 28,900

P.V. 70.0 % S.U. 4.0 % M.U. 26.0 %

FUNCTIONAL CLASSIFICATION

URBAN -MINOR ARTERIAL

IL ROUTE 50 (NORTH OF I-57)

2025 ADT = 2,400

P.V. 54.0 % S.U. 25.0 % M.U. 21.0 %

FUNCTIONAL CLASSIFICATION

RURAL -OTHER PRINCIPLE ARTERIAL

IL ROUTE 1/17

2025 ADT = 9,750

P.V. 85.3 % S.U. 3.0 % M.U. 11.7 %

FUNCTIONAL CLASSIFICATION

URBAN - I-57 & IL 50 INTERCHANGE

2025 ADT

RAMP E = ADT 3550 RAMP F ADT = 2950

RAMP G = ADT 3350 RAMP H ADT = 2850

FUNCTIONAL CLASSIFICATION

URBAN -OTHER PRINCIPLE ARTERIAL

IL ROUTE 50 (SOUTH OF I-57)

2025 ADT = 1,900

P.V. 41.0 % S.U. 26.0 % M.U. 33.0 %

FUNCTIONAL CLASSIFICATION

RURAL -OTHER PRINCIPLE ARTERIAL

IL ROUTE 1

2025 ADT = 4,445

P.V. 92.2 % S.U. 2.7 % M.U. 5.1 %

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

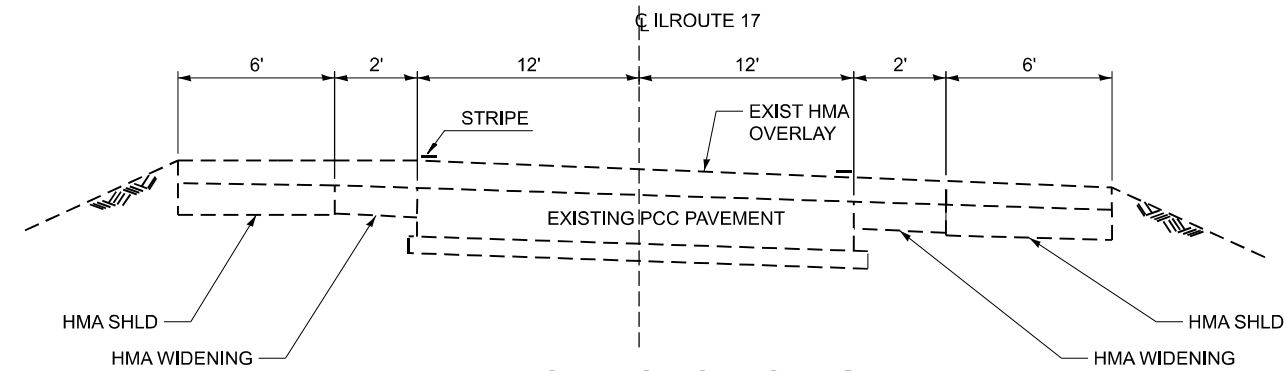
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	USER NAME = Oladele.O.Popoola	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					*	(46-2)HL & (1R)HL	KANKAKEE	23	2
		CHECKED - JS	REVISED -					* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)				
	PLOT DATE = 4/8/2026	DATE - 12/10/2025	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

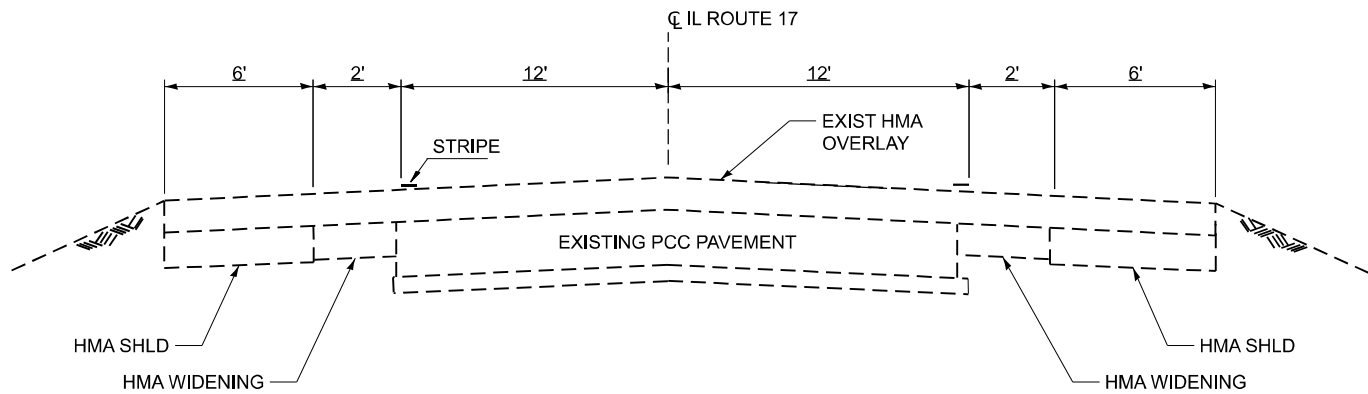
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				F.A.I. 57 & IL 50 90% FED / 10% STATE	F.A.P. 332 (IL 17) 80%FED. / 20% STATE
				ROADWAY	ROADWAY
				0021 URBAN	0021 RURAL
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	35	35	
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	64	28	36
82110015	LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION H	EACH	84	84	
82110022	LUMINAIRE, LED, UNDERPASS, WALLMOUNT, OUTPUT DESIGNATION E	EACH	12	12	
X1400267	REMOVAL OF LIGHTING LUMINAIRE, NO SALVAGE	EACH	61	25	36
X1400273	REMOVAL OF EXISTING TOWER LUMINAIRE, NO SALVAGE	EACH	84	84	
X7010100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	EACH	2	1	1
X8420103	REMOVAL OF LUMINAIRE, NO SALVAGE, UNDERPASS	EACH	12	12	

	USER NAME = Oladele.O.Popoola	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					*	(46-2)HL & (1R)HL	KANKAKEE	23	3
		CHECKED - JS	REVISED -					* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
	PLOT DATE = 4/8/2026	DATE - 12/10/2025	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	



TYPICAL SECTION 1
STA. 22+97.40 TO STA. 30+96.42
IN FULL SUPERELEVATION

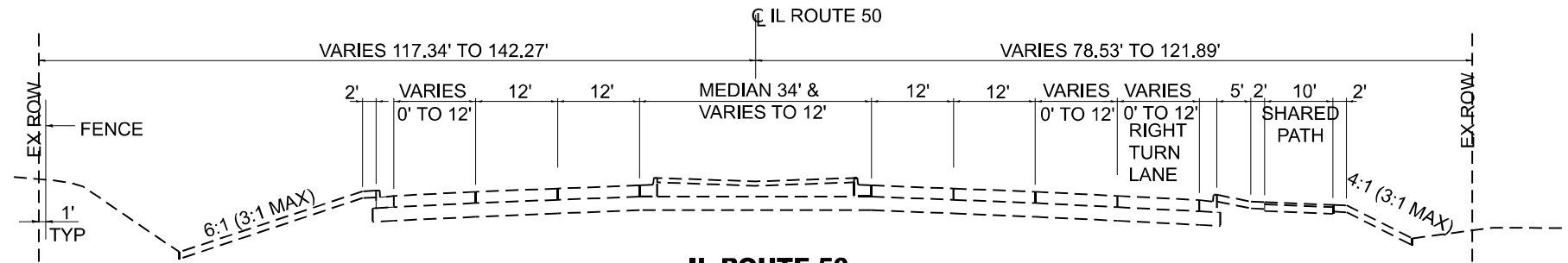


TYPICAL SECTION 2
STA. 22+48.48 TO STA. 22+97.40
STA. 30+96.42 TO STA. 34+00

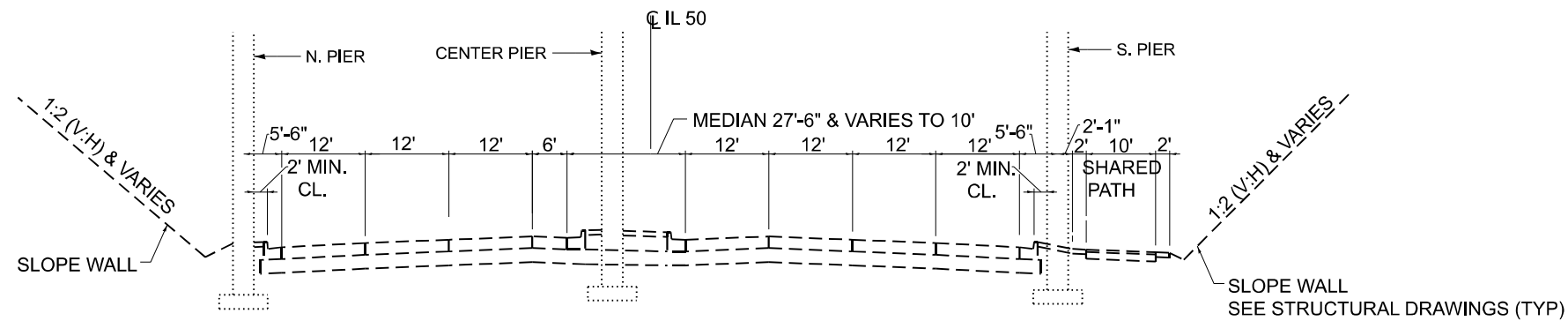
STATION EQUATION
STA 317+76 BK=
STA 22+48.48 AH

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	USER NAME = Oladele.O.Popoola	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL ROUTE 1/17			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					*	(46-2)HL & (1R)HL	KANKAKEE	23	4
		CHECKED - JS	REVISED -					* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
	PLOT DATE = 4/8/2026	DATE - 12/10/2025	REVISED -		SCALE:	SHEET 1	OF 3 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	



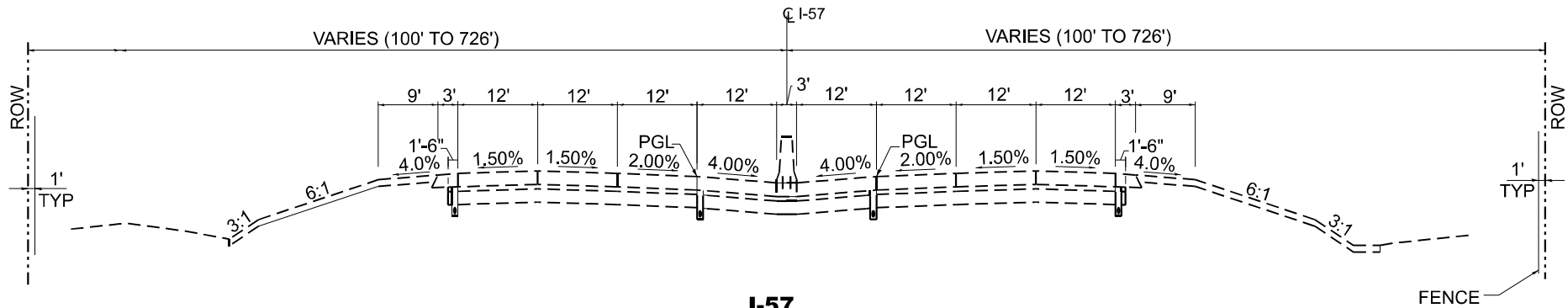
IL ROUTE 50
TYPICAL SECTION 1
STA. 1297+43.00 TO STA. 1307+59.00
STA. 1315+35.00 TO STA. 1324+77.33



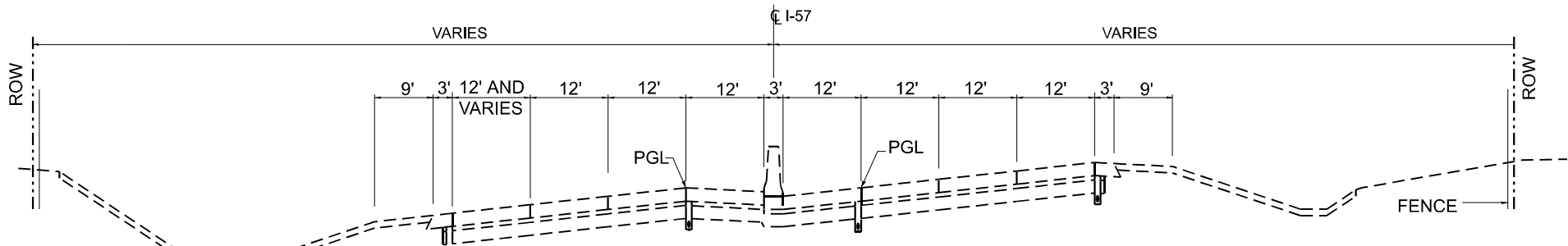
IL ROUTE 50
TYPICAL SECTION 2
STA. 1307+59.00 TO STA. 1315+35.00

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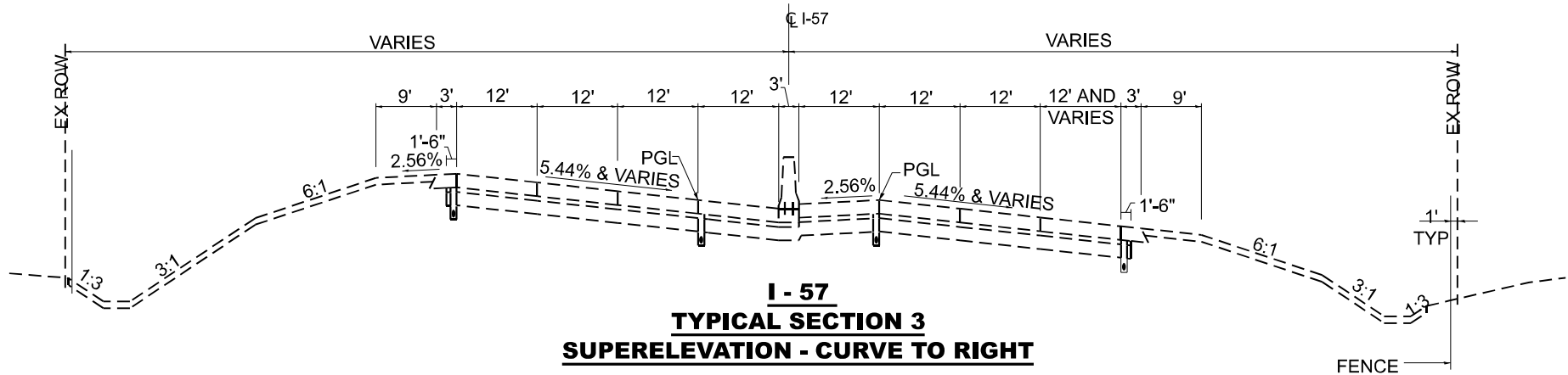
	USER NAME = Oladele,O.Popoola	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS F.A.I. 57 & IL 50 INTERCHANGE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -						*	(46-2)HL & (1R)HL	KANKAKEE	23	5
		CHECKED - JS	REVISED -						* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)				
	PLOT DATE = 4/8/2026	DATE - 12/10/2025	REVISED -						CONTRACT NO. 66T35				
	SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.								ILLINOIS FED. AID PROJECT				



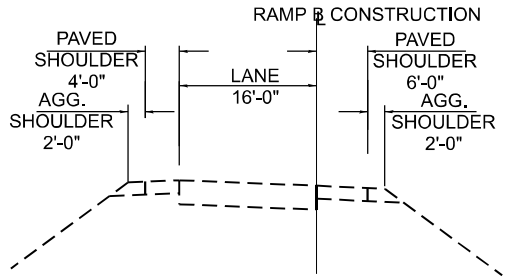
I-57
TYPICAL SECTION 1
STA 276+69.00 TO STA 281+93.96
STA 316+24.54 TO STA 328+30.50



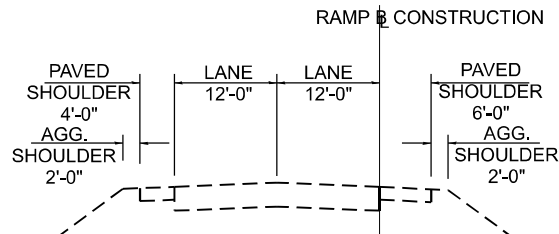
I - 57
TYPICAL SECTION 2
SUPERELEVATION - CURVE TO LEFT
STA 281+93.96 TO STA 316+24.54



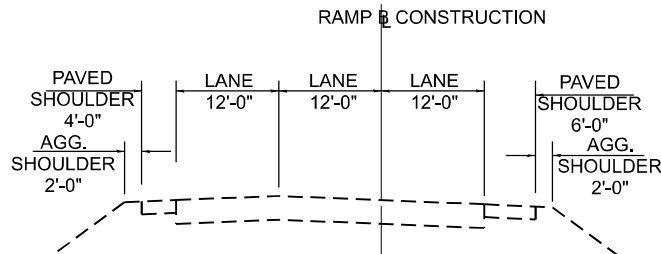
I - 57
TYPICAL SECTION 3
SUPERELEVATION - CURVE TO RIGHT
STA 328+30.50 TO STA 345+22.00



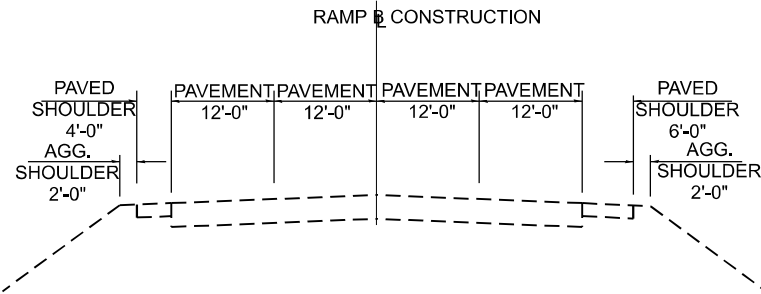
RAMP TYPICAL SECTION (SINGLE 16' LANE)



RAMP TYPICAL SECTION (TWO 12' LANES)



RAMP TYPICAL SECTION (THREE 12' LANES)



RAMP TYPICAL SECTION (FOUR 12' LANES)

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USER NAME	= Oladele.O.Popoola	DESIGNED	- RW	REVISED	-
DRAWN	- RW	REVISION	-	REVISED	-
CHECKED	- JS	REVISION	-	REVISED	-
PLOT DATE	= 4/8/2026	DATE	- 12/10/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
F.A.I. 57

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(46-2)HL & (1R)HL	KANKAKEE	23	6
* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
		ILLINOIS	FED. AID PROJECT	

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SCHEDULE - LIGHTING

F.A.I. ROUTE 57									
LOCATION						REMOVAL OF EXISTING TOWER LUMINAIRE NO SALVAGE	REMOVAL OF LIGHTING LUMINAIRE NO SALVAGE	LUMINAIRE LED HIGHMAST OUTPUT DESIGNATION H	LUMINAIRE LED ROADWAY OUTPUT DESIGNATION G
I-57 RAMP	I-57 MAIN LINE	POLE NO.	POLE TYPE	STATION	LT. / RT.	EACH	EACH	EACH	EACH
E		36 25	HMT	299+20	RT	6		6	
E		36 27	RDWY	16+78	RT		1		1
E		36 29	HMT	22+07	RT	4		4	
E		36 31	HMT	28+16	LT	4		4	
F		36 32	HMT	143+56	LT	4		4	
F		36 28A	RDWY	148+20	RT		1		1
F		36 28	HMT	152+40	RT	6		6	
F		36 26	HMT	155+50	RT		1		1
G		36 42	HMT	104+70	RT	6		6	
G		36 38	HMT	115+92	RT	6		6	
G		36 36	HMT	121+77	RT	4		4	
H		36 37	HMT	54+53	RT	4		4	
H		36 39	HMT	60+30	RT	6		6	
H		36 41	HMT	67+77	RT	6		6	
	NBL	36 40	HMT	303+03	RT	6		6	
	NBL	36 34	HMT	309+38	RT	6		6	
	NBL	36 30	HMT	318+04	RT	6		6	
	SBL	36 33	HMT	313+48	RT	6		6	
	SBL	36 35	HMT	306+77	RT	4		4	
TOTAL						84	3	84	3

	USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES F.A.I. ROUTE 57			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					*	(46-2)HL & (1R)HL	KANKAKEE	23	7
		CHECKED - JS	REVISED -					* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
	PLOT DATE = 4/28/2026	DATE - 12/10/2025	REVISED -		SCALE:	SHEET 1	OF 3 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	

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SCHEDULE - LIGHTING

IL ROUTE 50						
LOCATION			REMOVAL OF LIGHTING LUMINAIRE NO SALVAGE	REMOVAL OF LUMINAIRE NO SALVAGE UNDERPASS	LUMINAIRE LED ROADWAY OUTPUT DESIGNATION G	LUMINAIRE LED UNDERPASS WALLMOUNT OUTPUT DESIGNATION B
STATION	POLE NO.	LANE	EACH	EACH	EACH	EACH
1295+90	361	NB	1		1	
1298+70	363	NB	1		1	
1301+09	365	NB	1		1	
1303+29	367	NB	1		1	
1305+35	368	NB	1		1	
1306+75	3610	NB	1		1	
1307+10	3611	NB	1		1	
1309+45	3613	NB	1		1	
1313+32	3615	NB	1		1	
1315+85	3617	NB	1		1	
1317+28	3619	NB	1		1	
1319+92	3622	NB	1		1	
1322+42	3624	NB	1		1	
1323+96	3625	SB	1		1	
1321+56	3623	SB	1		1	
1319+16	3621	SB	1		1	
1317+28	3620	SB	1		1	
1316+05	3618	SB	1		1	
1313+74	3616	SB	1		1	
1310+00	3614	SB	1		1	
1307+40	3612	SB	1		1	
1305+40	369	SB	1		1	
1302+83	366	SB	1		1	
1300+43	364	SB	1		1	
1297+98	362	SB	1		1	
SIDEWALK - PIER 3		NB		4		4
PIER 3 RT		NB		2		2
PIER 2 LT		NB		2		2
PIER 2 LT		SB		2		2
PIER 1 RT		SB		2		2
TOTAL			25	12	25	12

	USER NAME = Oladele.O.Popoola	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES IL ROUTE 50		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -				*	(46-2)HL & (1R)HL	KANKAKEE	23	8
		CHECKED - JS	REVISED -				* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
	PLOT DATE = 4/8/2026	DATE - 12/10/2025	REVISED -		SCALE:	SHEET 2 OF 3 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

SCHEDULE - LIGHTING

IL ROUTE 17				
LOCATION			REMOVAL OF LIGHTING LUMINAIRE NO SALVAGE	LUMINAIRE LED ROADWAY OUTPUT DESIGNATION G
STATION	POLE #	LT. / RT.	EACH	EACH
288+65	1	RT	1	1
288+65	2	LT	1	1
289+83	3	RT	1	1
290+28	4	LT	1	1
291+13	5	RT	1	1
292+03	6	LT	1	1
293+23	7	RT	1	1
294+43	8	LT	1	1
295+63	9	RT	1	1
296+83	10	LT	1	1
298+03	11	RT	1	1
299+13	12	LT	1	1
300+13	13	RT	1	1
301+23	14	LT	1	1
302+23	15	RT	1	1
302+88	16	LT	1	1
303+40	17	RT	1	1
304+37	18	LT	1	1
303+97	19	RT	1	1
306+37	20	LT	1	1
305+47	21	RT	1	1
308+67	22	LT	1	1
307+52	23	RT	1	1
310+97	24	LT	1	1
309+82	25	RT	1	1
313+27	26	LT	1	1
313+12	27	RT	1	1
314+42	28	RT	1	1
316+02	29	RT	1	1
37+62	30	RT	1	1
23+88	31	RT	1	1
25+28	32	RT	1	1
26+88	33	RT	1	1
28+02	34	RT	1	1
29+53	35	RT	1	1
30+93	36	RT	1	1
TOTAL			36	36

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	USER NAME = Oladele.O.Popoola	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES IL ROUTE 17			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -					*	(46-2)HL & (1R)HL	KANKAKEE	23	9
		CHECKED - JS	REVISED -					* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
	PLOT DATE = 4/8/2026	DATE - 12/10/2025	REVISED -		SCALE:	SHEET 3	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

GENERAL NOTES:

1. THE CONTRACTOR MUST VERIFY ALL OF THE INFORMATION SHOWN ON THE CONTRACT PLANS WHICH WOULD EFFECT HIS WORK UNDER THIS CONTRACT FOR THE OPERATION OF THE EXISTING ROADWAY LIGHTING SYSTEM.

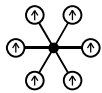
NO MATERIAL OR EQUIPMENT SHALL BE DELIVERED TO THE JOB SITE WITHOUT PRIOR INSPECTION AND APPROVAL BY THE ENGINEER. ANY MATERIAL AND EQUIPMENT NOT APPROVED BY THE ENGINEER MUST BE REMOVED FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL TEMPORARY LIGHTING WITHIN THE PROJECT LIMITS FOR THE ENTIRE DURATION OF THE PROJECT. ANY DAMAGE INCURRED DURING CONSTRUCTION SHALL BE PROMPTLY REPAIRED SO SERVICE IS NOT DISRUPTED. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS.

ALL ELECTRICAL SYSTEMS, EQUIPMENT AND APPURTENANCES SHALL BE PROPERLY GROUNDED IN STRICT CONFORMANCE WITH NATIONAL ELECTRICAL CODE EVEN THOUGH EVERY DETAIL OF REQUIREMENTS IS NOT SPECIFIED OR SHOWN.

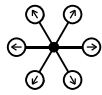
- 3.

SYMBOL LEGEND



HIGH MAST TOWER LUMINAIRE, 400W HPS,
100 FT MH, 4 FT MAST ARM, RING MOUNTED
TYPE III, MEDIUM, SEMI CUTOFF
ARROW INDICATES AIMING DIRECTION OF LUMINAIRE
TOWARDS THE PAVEMENT (SPIN)

36	36	36	36	36	36	36	36	36
25	28	30	33	34	38	39	41	42



HIGH MAST TOWER LUMINAIRE, 400W HPS,
100 FT MH, 4 FT MAST ARM, RING MOUNTED
TYPE III, MEDIUM, SEMI CUTOFF
ARROW INDICATES AIMING DIRECTION OF LUMINAIRE (NO SPIN)

36
40



HIGH MAST TOWER LUMINAIRE, 400W HPS,
100 FT MH, 4 FT MAST ARM, RING MOUNTED
TYPE III, MEDIUM, SEMI CUTOFF
ARROW INDICATES AIMING DIRECTION OF LUMINAIRE
TOWARDS THE PAVEMENT (SPIN)

36	36	36	36	36
31	32	35	36	37



HIGH MAST TOWER LUMINAIRE, 400W HPS, WITH HOUSE SHIELD
100 FT MH, 4 FT MAST ARM, RING MOUNTED
TYPE II, MEDIUM, CUTOFF
ARROW INDICATES AIMING DIRECTION OF LUMINAIRE
TOWARDS THE PAVEMENT (SPIN)

36
29



ROAD LIGHTING POLE MOUNTED LUMINAIRE
400W HPS, TYPE III, MEDIUM, FULL CUTOFF
50 FT MH, 15 FT DAVIT ARM
CONVENTIONAL ROAD LIGHT POLE

36	36	36	36	36	36	36	36	36	36	36	36
1	2	3	4	5	6	8	9	12	13	14	15

36	36	36	36	36	36	36	36	36	36	36
16	19	20	21	22	23	24	25	26	27	28A

INTERSECTION COMBINATION POLE

36	36	36	36	36
7	10	11	17	18



EXISTING UNDERPASS LIGHTING FIXTURE
150W HPS, CLEAR, TYPE IV, MEDIUM, NON-CUTOFF
480V, SINGLE PHASE, MOUNTED ON PIER



EXISTING LIGHTING CONTROLLER.
100A, 480V 1PH, 3 WIRE



EXISTING GROUND ROD 5/8" x 10'-0"



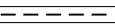
EXISTING HANDHOLE



EXISTING JUNCTION BOX



EXISTING UNIT DUCT



EXISTING PUSHED CONDUIT
30" BELOW PAVEMENT



EXISTING AERIAL CABLE 2-1/C NO. 4 WITH MESSENGER WIRE



EXISTING LIGHTING CONTROLLER



EXISTING LIGHTING UNIT



EXISTING UTILITY POWER POLE



EXISTING HANDHOLE

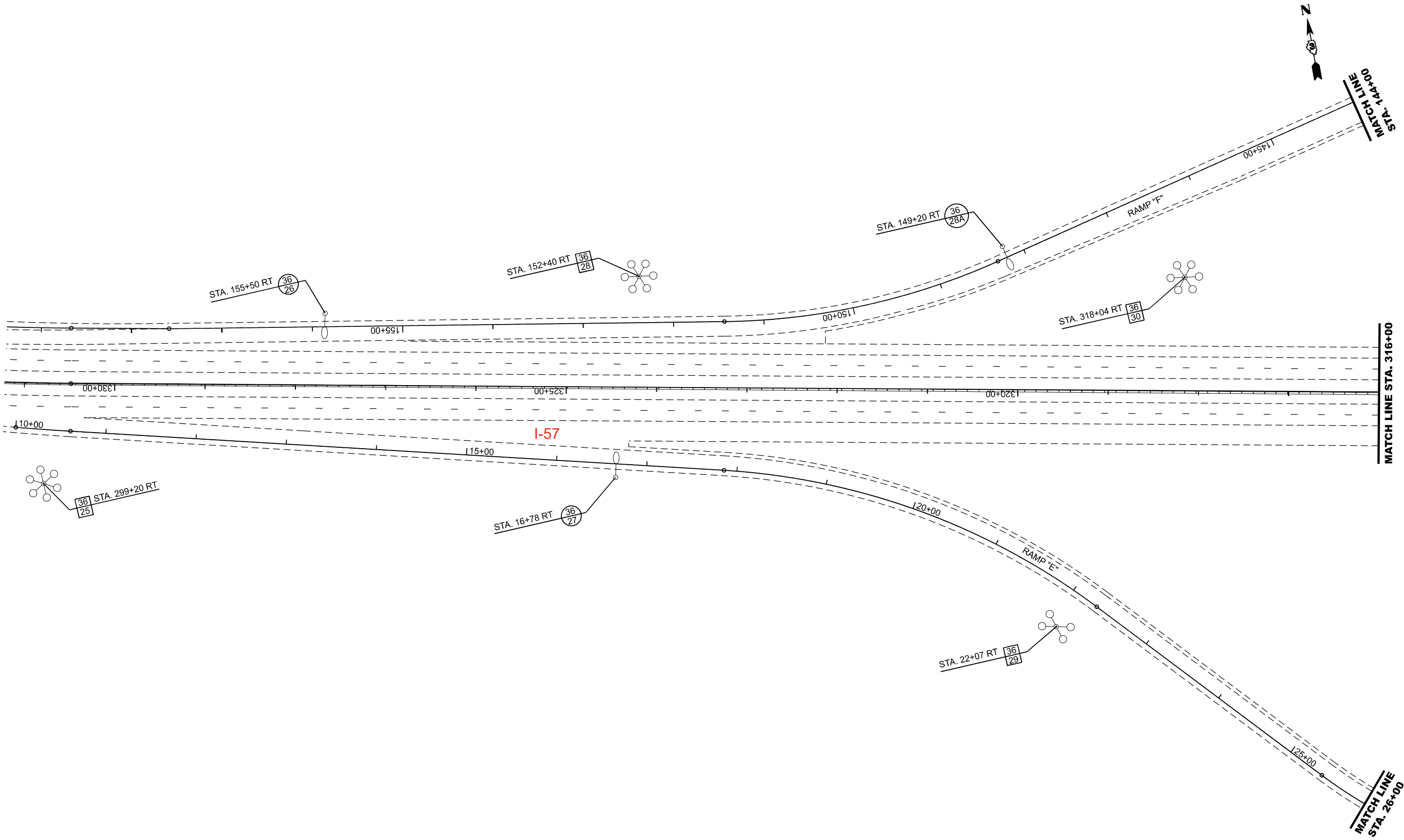
ABBREVIATIONS

RGS	RIGID GALVANIZED STEEL
PVC	POLYVINYL CHLORIDE
HDP	HIGH DENSITY POLYETHYLENE
XLP	CROSS-LINKED POLYETHYLENE
E	EXISTING TO REMAIN
R	EXISTING TO REMOVE AND SALVAGED
T	TEMPORARY LIGHTING UNITS
AR	AFTER CONSTRUCTION REMOVAL
PR	PRECONSTRUCTION REMOVAL
CKT	CIRCUIT

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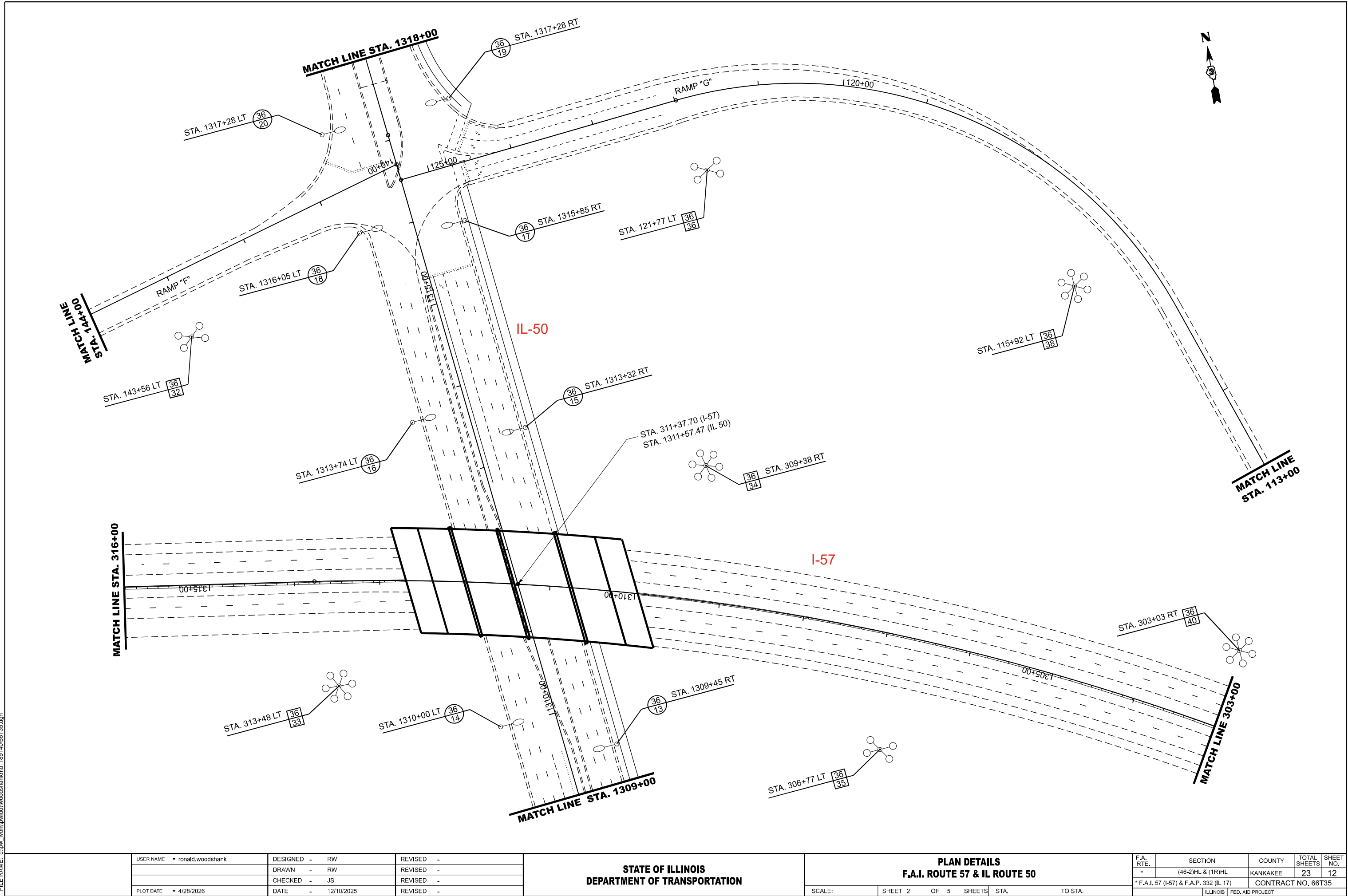
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		CHECKED - JS	REVISED -					* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
	PLOT DATE = 4/28/2026	DATE - 12/10/2025	REVISED -		SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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		CHECKED - JS	REVISED -					* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)				
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		CHECKED	- JS	REVISED	-
PLOT DATE	= 4/28/2026	DATE	- 12/10/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN DETAILS			
F.A.I. ROUTE 57 & IL ROUTE 50			
SCALE:	SHEET 2	OF 5	SHEETS
STA.	TO STA.		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(46-2)HL & (1R)HL	KANKAKEE	23	12
* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
		ILLINOIS	FED. AID PROJECT	

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MATCH LINE
STA. 113+00

MATCH LINE STA. 303+00

MATCH LINE
STA. 57+00

1140+00

1100+00

160+00

60+30 RT

36
39

36
42

STA. 104+70 RT

1105+00

1100+00

165+00

1100+00

1100+00

I-57

STA. 67+77 RT

36
41



USER NAME	= ronald.woodshank
PLOT DATE	= 4/28/2026

DESIGNED	-	RW
DRAWN	-	RW
CHECKED	-	JS
DATE	-	12/10/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

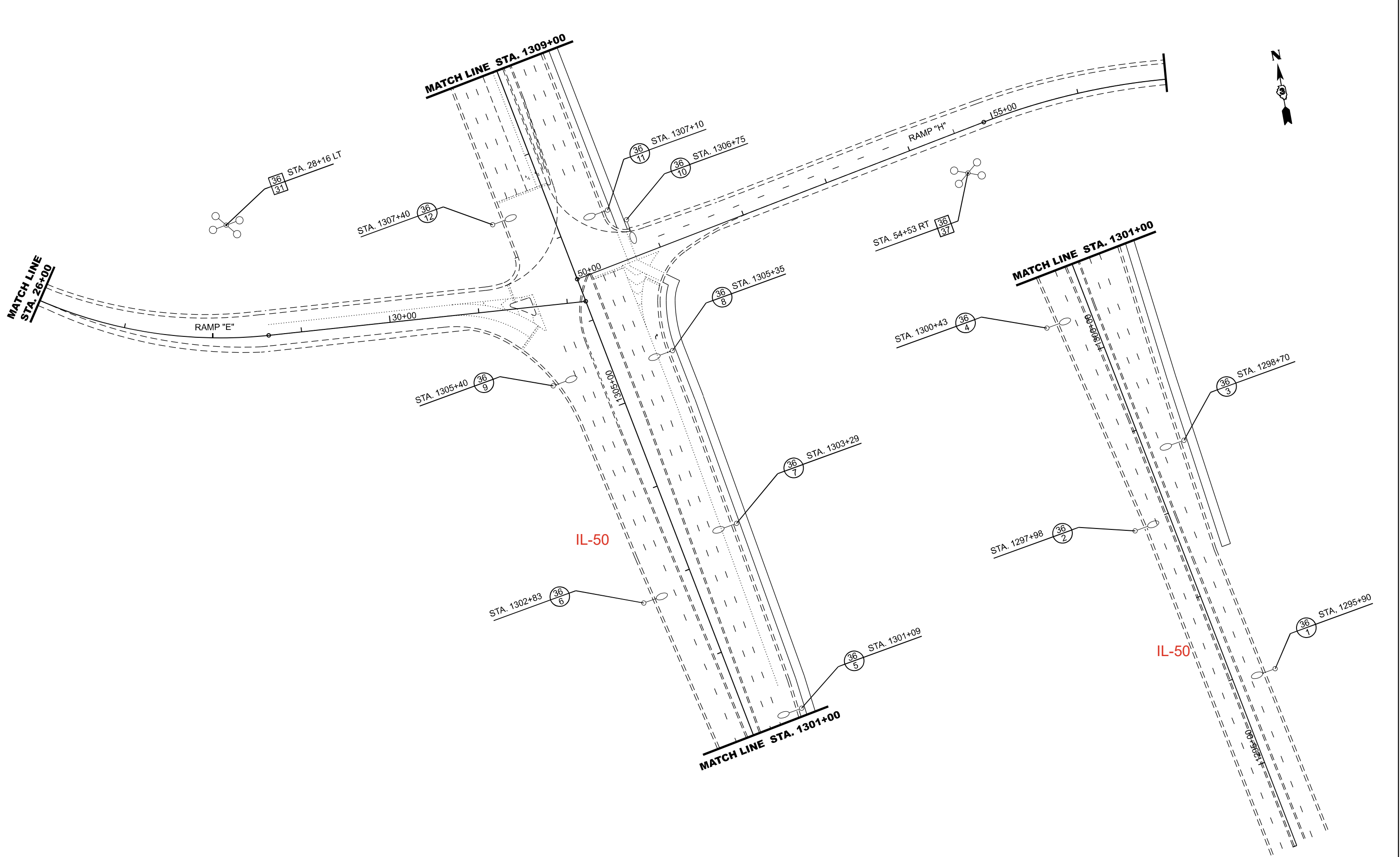
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN DETAILS
F.A.I. ROUTE 57 & IL ROUTE 50

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(46-2)HL & (1R)HL	KANKAKEE	23	13
* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
		ILLINOIS	FED. AID PROJECT	

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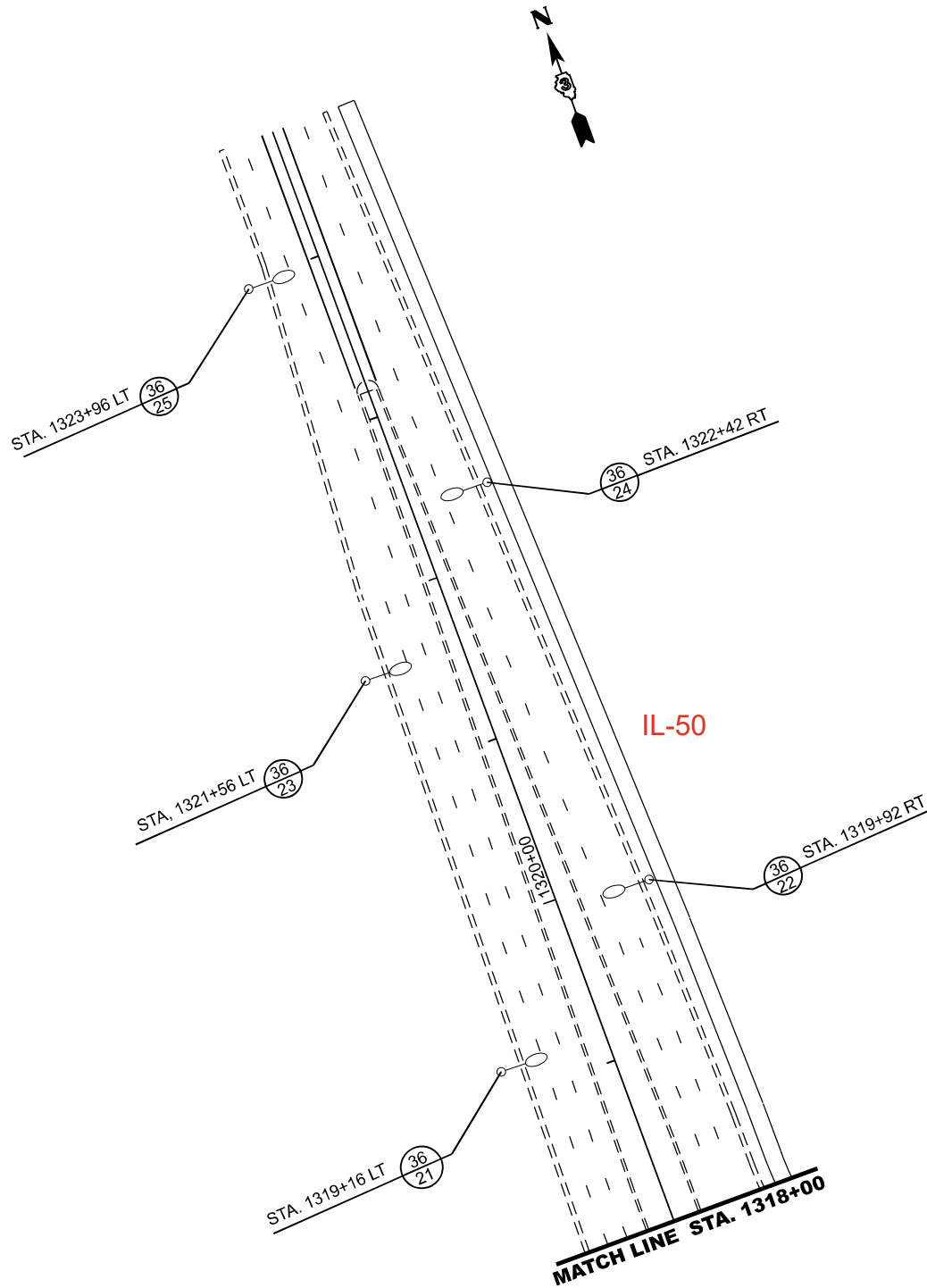
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PLOT DATE	= 4/8/2026	DATE	- 12/10/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN DETAILS			
F.A.I. ROUTE 57 & IL ROUTE 50			
SCALE:	SHEET 4 OF 5 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(46-2)HL & (1R)HL	KANKAKEE	23	14
* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)				CONTRACT NO. 66T35
ILLINOIS		FED. AID PROJECT		

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	USER NAME = Oladele.O.Popoola	DESIGNED - RW	REVISED -
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		CHECKED - JS	REVISED -
	PLOT DATE = 4/8/2026	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN DETAILS
F.A.I. ROUTE 57 & IL ROUTE 50

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

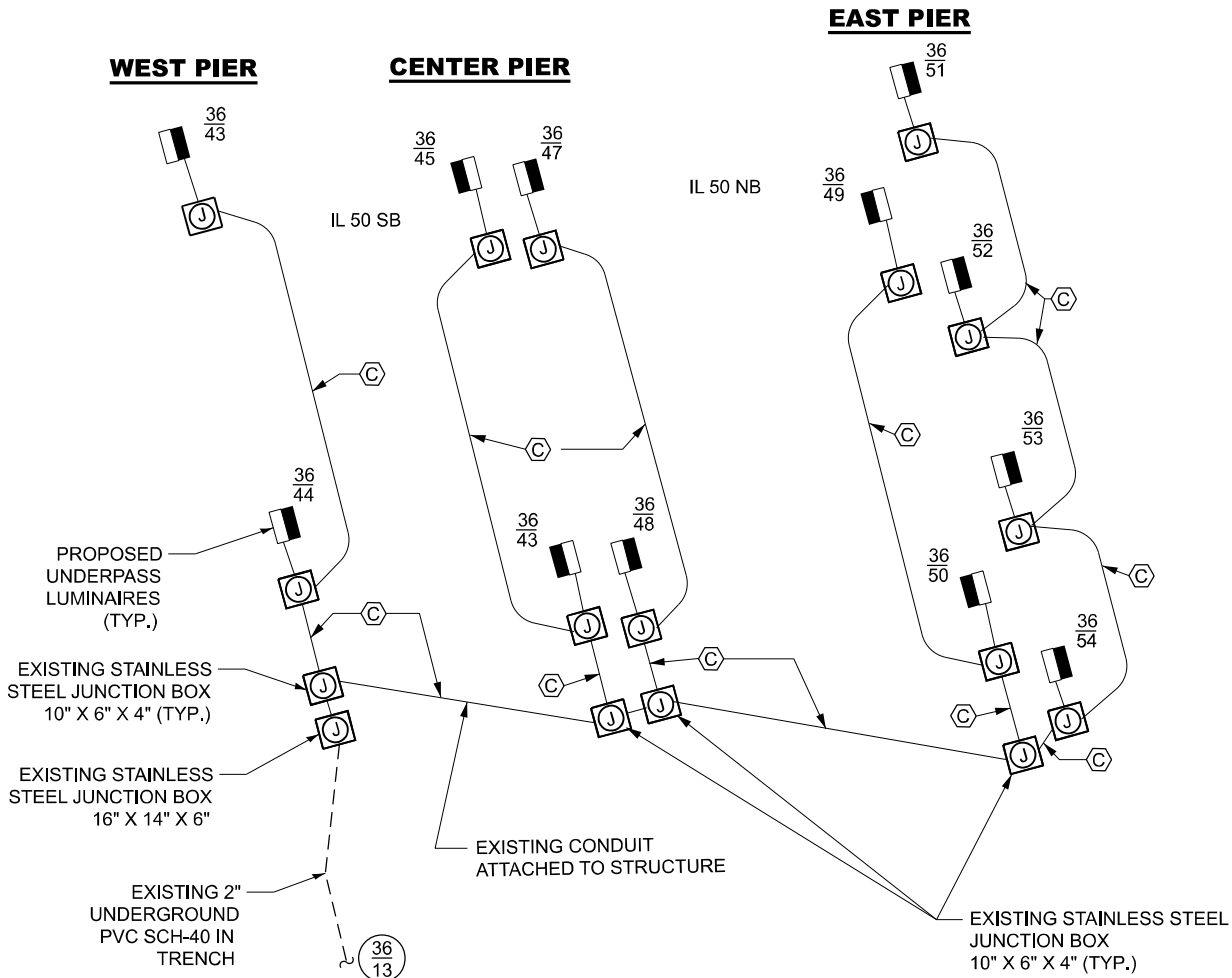
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* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
		ILLINOIS	FED. AID PROJECT	

NOTES:

1. FOR GENERAL NOTES, SYMBOLS LEGEND AND ABBREVIATIONS REFER TO SHEET ~~XXX~~
2. ~~FOR LOAD TABLES, CABLE SCHEDULES AND VOLTAGE DROP TABLES REFER TO SHEET XXX.~~
3. ALL UNDERPASS LUMINAIRES SHALL BE MOUNTED ON THE PIERS.
4. UNDERPASS LUMINAIRES MOUNTING HARDWARE FOR NEW LUMINAIRES SHALL BE INCLUDED IN THE COST OF THE UNDERPASS LUMINAIRE PAY ITEM.

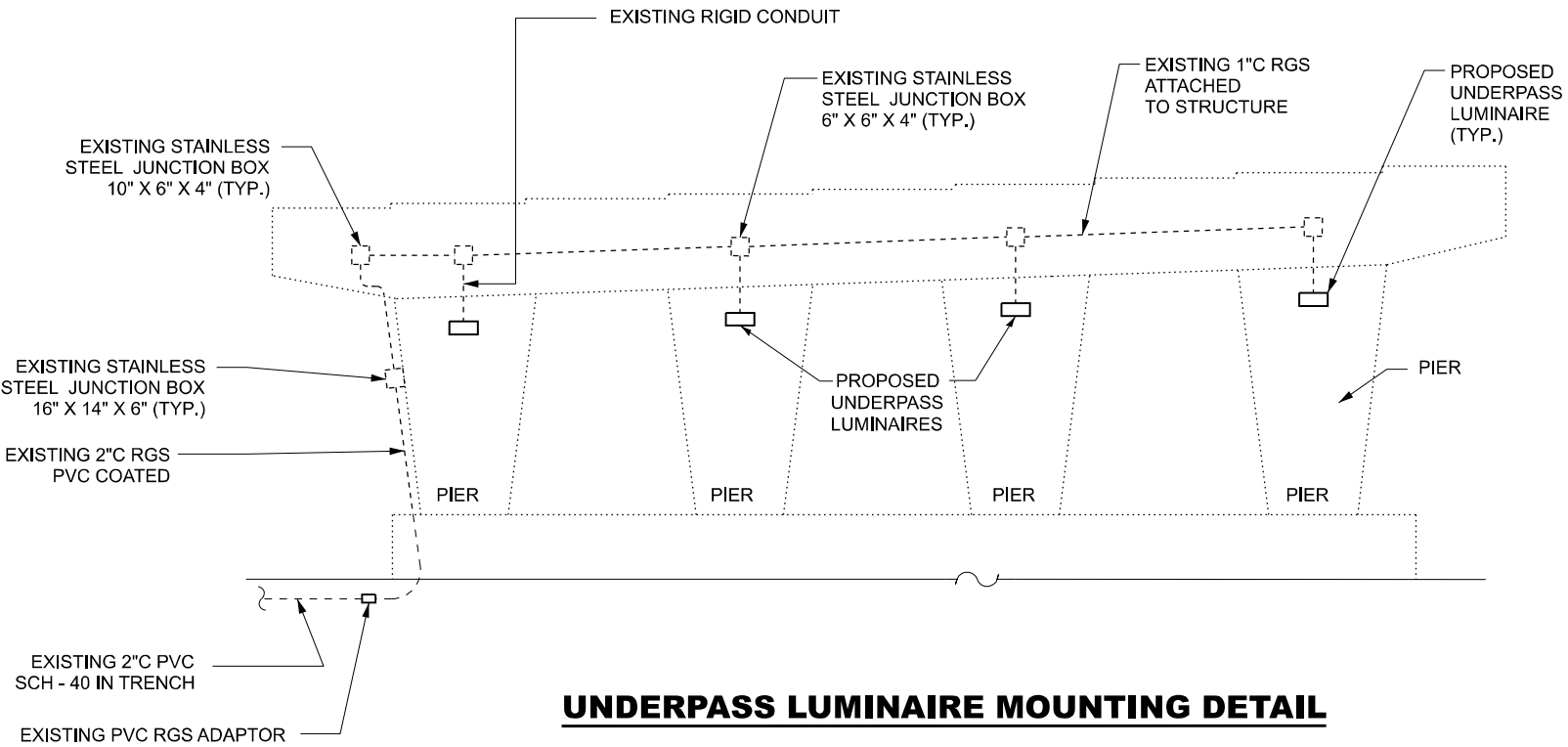
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TAG	EXISTING UNDERPASS LIGHTING FIXTURE MOUNTING HEIGHT ABOVE PAVEMENT
36 43	17 FT
36 44	14.5 FT
36 45	17 FT
36 46	14.5 FT
36 47	17 FT
36 48	14.5 FT
36 49	17 FT
36 50	14.5 FT
36 51	17.5 FT
36 52	17.5 FT
36 53	17.5 FT
36 54	17.5 FT



LEGEND

-  EXISTING ELECTRICAL CABLE IN CONDUIT
600V (XLP - TYPE USE) 2/0 & 1 #10 GRD
-  PROPOSED UNDERPASS LUMINAIRE
-  EXISTING STAINLESS STEEL JUNCTION BOX

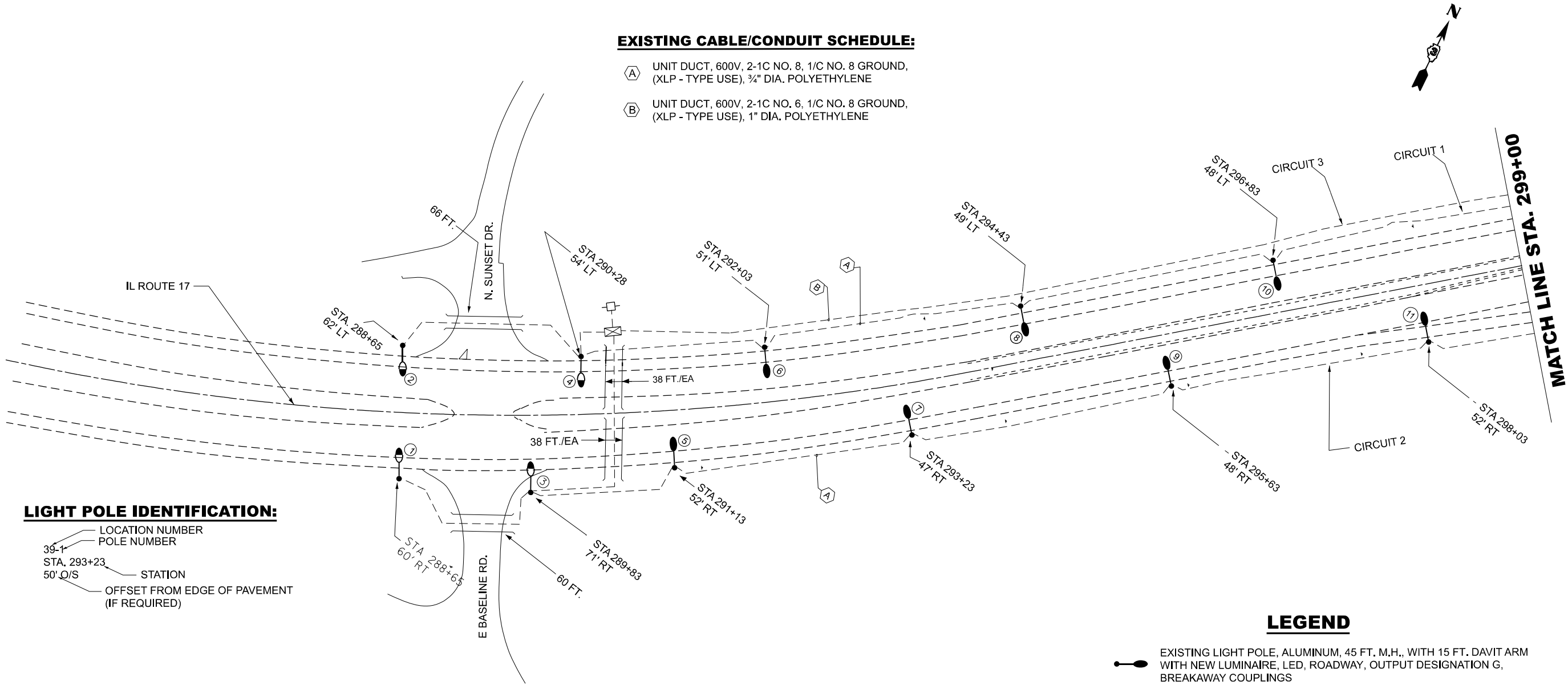


UNDERPASS LUMINAIRE MOUNTING DETAIL

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		DRAWN - RW	REVISED -						*	(46-2)HL & (1R)HL		KANKAKEE	23	16	
		CHECKED - JS	REVISED -						* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)						
	PLOT DATE = 4/28/2026	DATE - 12/10/2025	REVISED -						CONTRACT NO. 66T35						
		SCALE:							SHEET 1	OF 1	SHEETS	STA.	TO STA.		
ILLINOIS FED. AID PROJECT															

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USER NAME	= Oladele.O.Popoola	DESIGNED	- RW	REVISED	-
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		CHECKED	- JS	REVISED	-
PLOT DATE	= 4/8/2026	DATE	- 12/10/2025	REVISED	-

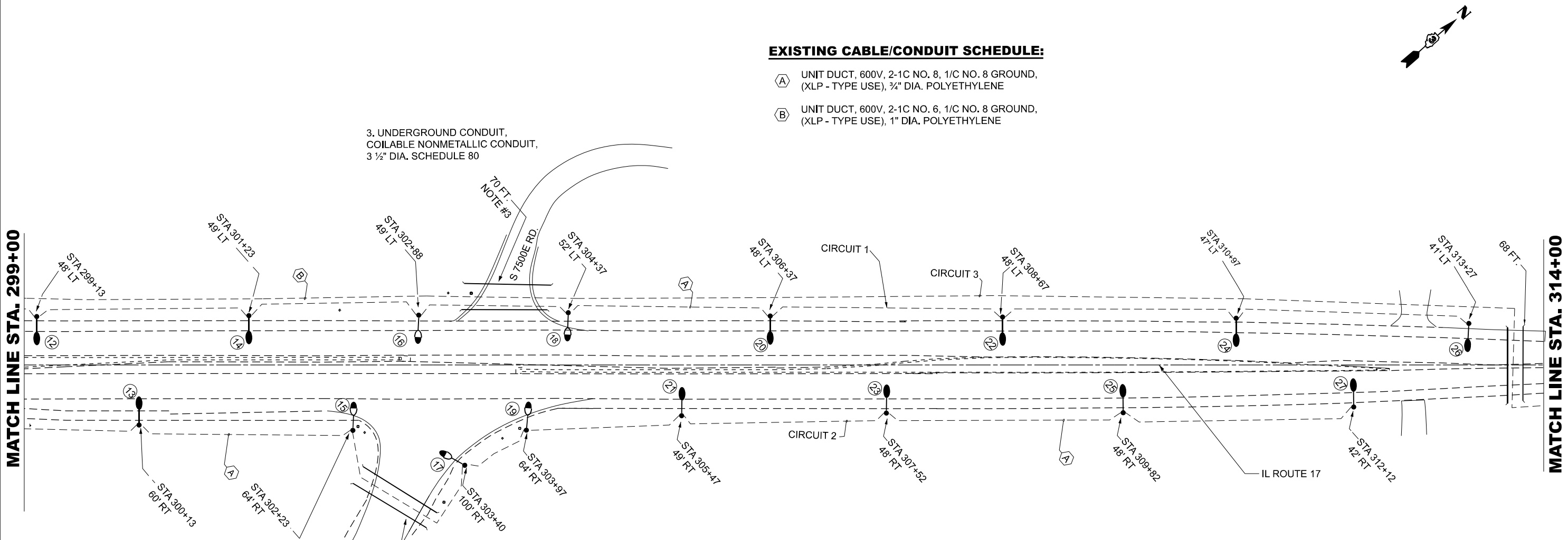
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN DETAILS
IL ROUTE 17

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(46-2)HL & (1R)HL	KANKAKEE	22	17
* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
ILLINOIS		FED. AID PROJECT		

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FILE NAME: c:\pwwork\woodshank\1180140\66T35.dgn



EXISTING CABLE/CONDUIT SCHEDULE:

- (A) UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP - TYPE USE), ¾" DIA. POLYETHYLENE
- (B) UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND, (XLP - TYPE USE), 1" DIA. POLYETHYLENE

LIGHT POLE IDENTIFICATION:

- 39-1 LOCATION NUMBER
- STA. 293+23 POLE NUMBER
- 50' O/S STATION
- OFFSET FROM EDGE OF PAVEMENT (IF REQUIRED)

LEGEND

- EXISTING LIGHT POLE, ALUMINUM, 45 FT. M.H., WITH 15 FT. DAVIT ARM WITH NEW LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G, BREAKAWAY COUPLINGS
- EXISTING LIGHT POLE, ALUMINUM, 50 FT. M.H., WITH 15 FT. DAVIT ARM WITH NEW LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G, BREAKAWAY COUPLINGS
- EXISTING UNIT DUCT, SIZE AS INDICATED
- EXISTING UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 ½" DIA. (UNLESS NOTED OTHERWISE), SCHEDULE 80.
- EXISTING ELECTRIC SERVICE INSTALLATION, 240/480 VOLT, 1 PHASE, 4 WIRE
- EXISTING LIGHTING CONTROLLER, POLE MOUNTED, 480 VOLT, 60 AMP

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		DRAWN - RW	REVISED -		*	(46-2)HL & (1R)HL	KANKAKEE	22	18				
		CHECKED - JS	REVISED -		* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)				CONTRACT NO. 66T35				
	PLOT DATE = 4/28/2026	DATE - 12/10/2025	REVISED -		SCALE:	SHEET 2	OF 3	SHEETS	STA.	TO STA.			
					ILLINOIS FED. AID PROJECT								



Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
02/12/26	N/A	N/A	Kankakee
Marked Route Number		Municipality	
I-57 at IL-50		Bourbonnais	

Roadway

Lane Width (see note 4)	Number and Direction of lanes	Median Width	Surface Classification	Q-Zero Value
12FT.	2 Lanes in 1 direction only	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back (see note 1)	Number of Luminaries
100FT.	2FT.	45FT.	6 in same direction

Luminaire

Description	Transverse Distribution	Lateral Distribution	
LED, Highmast, Output Designation H	Type IV	Short	
Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
Refer to Notes 6 and 7	U=0	180 degree shields	0-10V

Layout

Spacing	Configuration
415FT.	Single Sided

Performance (see notes 5 and 6)

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}		
≥ 0.8	$\leq 3.0:1$		
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}
≥ 0.6	$\leq 3.5:1$	$\leq 6.0:1$	$\leq 0.3:1$

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

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

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		CHECKED - JS	REVISED -		* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35						
	PLOT DATE = 4/28/2026	DATE - 12/10/2025	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET 1	OF 4	SHEETS	STA.	TO STA.			



Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
02/10/26	N/A	N/A	Kankakee

Marked Route Number	Municipality
I-57 at IL-50	Bourbonnais

Roadway

Lane Width (see note 4)	Number and Direction of lanes	Median Width	Surface Classification	Q-Zero Value
12FT.	2 Lanes in 1 direction only	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back (see note 1)	Number of Luminaires
45FT.	15FT.	20FT.	N/A

Luminaire

Description	Transverse Distribution	Lateral Distribution	
LED, Roadway, Output Designation G	Type III	Medium	
Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
Refer to Notes 6 and 7	U=0	N/A	0-10V

Layout

Spacing	Configuration
150FT.	Single Sided

Performance (see notes 5 and 6)

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}		
≥ 0.8	$\leq 3.0:1$		
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}
≥ 0.6	$\leq 3.5:1$	$\leq 6.0:1$	$\leq 0.3:1$

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.

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PLOT DATE = 4/28/2026	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LUMINAIRE PERFORMANCE TABLE
ON IL 50 AT I-57 & IL 50 INTERCHANGE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(46-2)HL & (1R)HL	KANKAKEE	23	21
* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
ILLINOIS		FED. AID PROJECT		



Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
02/12/26	N/A	N/A	Kankakee

Marked Route Number	Municipality

Roadway

Lane Width (see note 4)	Number and Direction of lanes	Median Width	Surface Classification	Q-Zero Value
12FT.	2 Lanes in 1 direction only	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back (see note 1)	Number of Luminaries
45FT.	15FT.	20FT.	N/A

Luminaire

Description	Transverse Distribution	Lateral Distribution
LED, Roadway, Output Designation G	Type III	Medium

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

Layout

Spacing	Configuration
185FT.	Single Sided

Performance (see notes 5 and 6)

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}
≥ 0.8	$\leq 3.0:1$

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}
≥ 0.6	$\leq 3.5:1$	$\leq 6.0:1$	$\leq 0.3:1$

Light Tresspass (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.

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	CHECKED - JS	REVISED -
PLOT DATE = 4/28/2026	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LUMINAIRE PERFORMANCE TABLE
ON IL 1/17 AT THE I/17 SOUTH INTERSECTION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(46-2)HL & (1R)HL	KANKAKEE	22	22
* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
ILLINOIS FED. AID PROJECT				



Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
02/12/26	N/A	N/A	Kankakee

Marked Route Number	Municipality
IL-1 & IL-17 Various locations	St. Anne / Bourbonnais

Roadway

Lane Width (see note 4)	Number and Direction of lanes	Median Width	Surface Classification	Q-Zero Value
12FT.	2 Lanes in 1 direction only	N/A	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back (see note 1)	Number of Luminaries
45FT.	15FT.	20FT.	N/A

Luminaire

Description	Transverse Distribution	Lateral Distribution
LED, Roadway, Output Designation G	Type III	Medium

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

Layout

Spacing	Configuration
185FT.	Single Sided

Performance (see notes 5 and 6)

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}
≥ 0.8	$\leq 3.0:1$

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}
≥ 0.6	$\leq 3.5:1$	$\leq 6.0:1$	$\leq 0.3:1$

Light Tresspass (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

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

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MODEL: Default
FILE NAME: c:\pwworkspace\woodshank\11801406\6T35.dgn

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED -
	DRAWN - RW	REVISED -
	CHECKED - JS	REVISED -
PLOT DATE = 4/28/2026	DATE - 12/10/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LUMINAIRE PERFORMANCE TABLE
ON IL 1/17 AT THE I/17 SOUTH INTERSECTION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(46-2)HL & (1R)HL	KANKAKEE	23	23
* F.A.I. 57 (I-57) & F.A.P. 332 (IL 17)		CONTRACT NO. 66T35		
ILLINOIS FED. AID PROJECT				