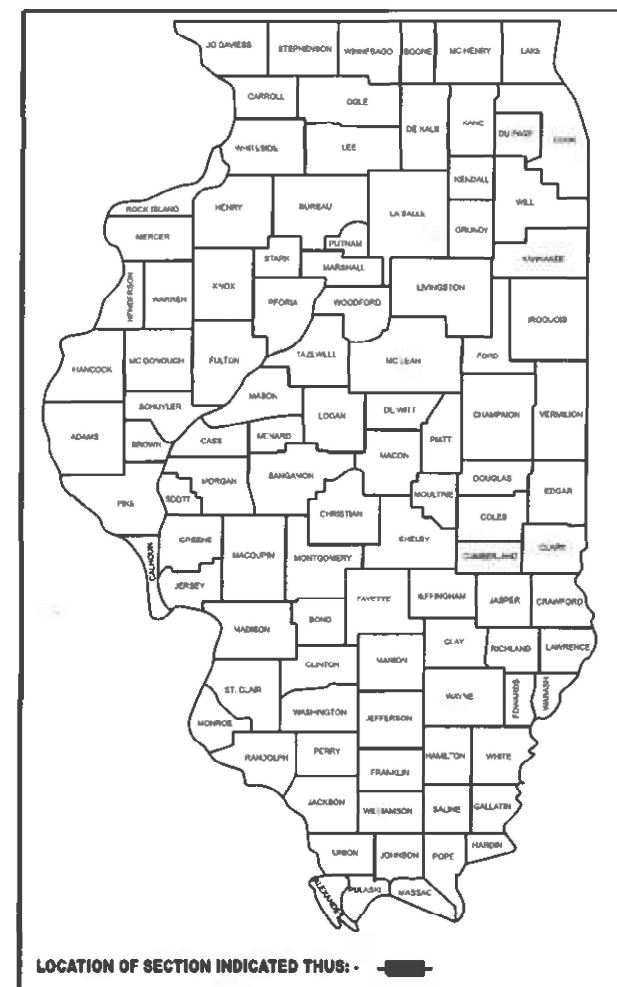


08-01-2025 LETTING ITEM 079

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D9 ELECTRICAL REPAIR FY 26-1	VARIOUS	7	1
		ILLINOIS	CONTRACT NO. 78B40	

D-99-050-25



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 24 20 25  
Spa S. Roush  
REGIONAL ENGINEER  
May 9 2025  
Scott Etk  
ENGINEER OF DESIGN AND ENVIRONMENT  
May 9 2025  
Cherry  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

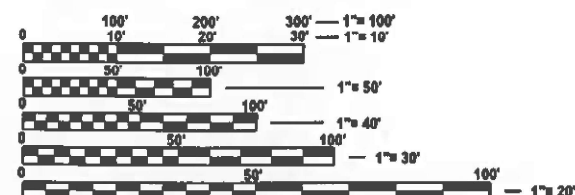
FOR INDEX OF SHEETS, SEE SHEET NO. 3

PROPOSED  
HIGHWAY PLANS

VARIOUS ROUTES  
SECTION D9 ELECTRICAL REPAIR FY 26-1

ELECTRICAL REPAIR  
VARIOUS COUNTIES

C-99-083-25

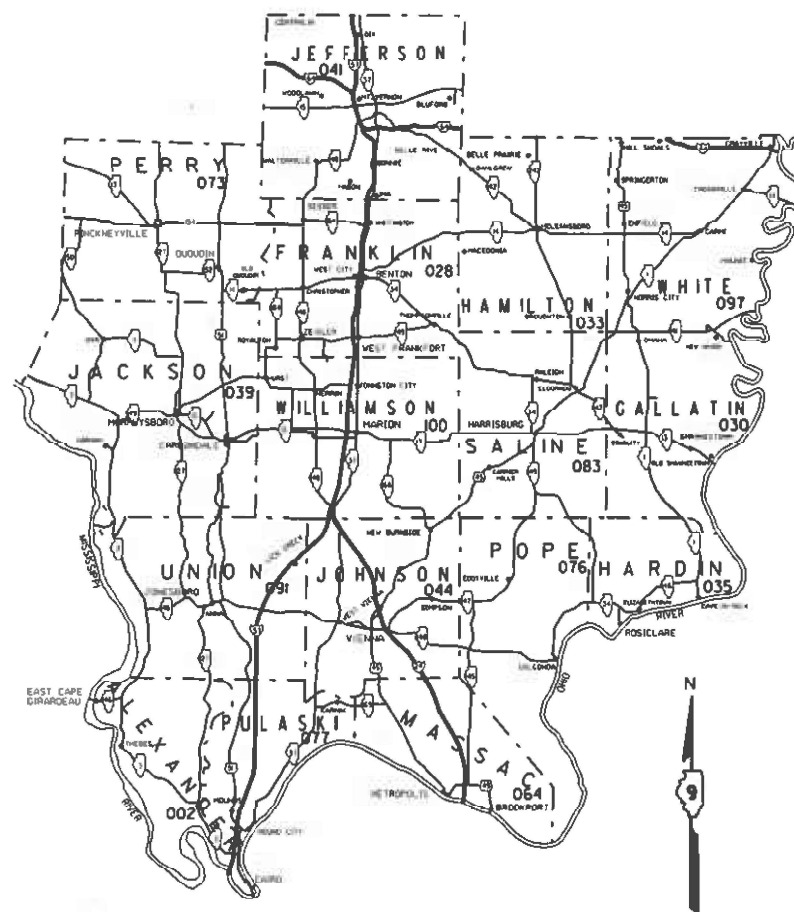


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER MARCO ANDRESEN  
PROJECT MANAGER SEAN GREENLEE

CONTRACT NO. 78B40



MODEL: 02-Signature (Sheet)  
FILE NAME: c:\msdcs\public\illinois\marco.andresen\02-Signature (Sheet).dgn

Prepared By: Susan R  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Lee  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: 2000  
DISTRICT OPERATIONS ENGINEER

Examined By: \_\_\_\_\_  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Bendwith  
DISTRICT CONSTRUCTION ENGINEER

Examined By: Ann Hays  
DISTRICT MATERIALS ENGINEER

USER NAME	marco.andresen	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	0.18666633 / in	CHECKED	-	REVISED	-
PLOT DATE	3/18/2025	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

SCALE: SHEET 2 OF 2 SHEETS STA TO STA.

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D9 ELECTRICAL REPAIR FY 25-1	VARIOUS	7	2
CONTRACT NO. 78B40				
ILLINOIS FED. AID PROJECT				

# 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

## GENERAL NOTES

THIS PROJECT IS LOCATED ON VARIOUS ROUTES WITHIN REGION 5, DISTRICT 9. THE WORK INCLUDED IN THIS SECTION CONSISTS OF MAINTAINING AND REPAIRING THE ELECTRICAL SYSTEMS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

ALL WORK IS TO BE REPLACED IN KIND, AS INDICATED ON THE CONTRACT PLANS OR SPECIAL PROVISIONS.

THE LOCATIONS OF THE REPAIR AREAS SHALL BE DETERMINED BY THE ENGINEER.

REMOVAL OF DAMAGED MATERIALS WILL INCLUDE DISMANTLING, LOADING, HAULING AND DISPOSAL. THE WORK SITE WILL BE LEFT IN A SAFE AND ORDERLY CONDITION.

NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.

ANY NECESSARY TRAFFIC CONTROL WILL BE PROVIDED BY THE CONTRACTOR, APPROPRIATE STANDARDS ARE LISTED ON SHEET NO.3.

ILLINOIS STATE LAW ENFORCES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (PH. 800-892-0123) OR FOR NON-MEMBER, THE UTILITY COMPANY DIRECTLY. ILLINOIS DEPARTMENT OF TRANSPORTATION IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (J.U.L.I.E.) SYSTEM AND MUST BE CONTACTED DIRECTLY.

ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE FOR THIS PROJECT.

## COMMITMENTS

NONE

# HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
001006 DECIMAL OF AN INCH AND OF A FOOT  
701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15 FT AWAY  
701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15 FT TO 24 IN FROM PAVEMENT EDGE  
701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY  
701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15 FT AWAY  
701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 45 MPH OR MORE  
701206-05 LANE CLOSURE, 2L, 2W, NIGHT ONLY FOR SPEEDS 45 MPH OR MORE  
701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS  
701400-12 APPROACH TO LANE CLOSURE, FREEWAY\_EXPRESSWAY  
701401-13 LANE CLOSURE, FREEWAY\_EXPRESSWAY  
701406-13 LANE CLOSURE, FREEWAY\_EXPRESSWAY, DAY OPERATIONS ONLY  
701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS 45 TO 55 MPH  
701422-10 LANE CLOSURE, MULTILANE, FOR SPEEDS 45 TO 55 MPH  
701446-11 TWO LANE CLOSURE, FREEWAY\_EXPRESSWAY  
701451-05 RAMP CLOSURE FREEWAY\_EXPRESSWAY  
701456-05 PARTIAL EXIT RAMP CLOSURE FREEWAY\_EXPRESSWAY  
701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED  
701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE  
701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN  
701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE  
701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN  
701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION  
701901-10 TRAFFIC CONTROL DEVICES  
805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS  
821101-03 LUMINAIRE WIRING IN POLE  
825011-04 LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V  
825021-04 LIGHTING CONTROLLER BASE MOUNT, 240V  
825026-04 LIGHTING CONTROLLER BASE MOUNTED, 480V  
836001-05 LIGHT POLE FOUNDATION  
838001-01 BREAKAWAY DEVICES  
862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)  
873001-02 TRAFFIC SIGNAL GROUNDING & BONDING  
876001-04 PEDESTRIAN PUSH BUTTON POST  
877001-08 STEEL MAST ARM ASSEMBLY & POLE 16' THROUGH 55'  
877011-10 STEEL COMB, MAST ARM ASSEMBLY & POLE 16' THROUGH 55'  
878001-11 CONCRETE FOUNDATION DETAILS  
880006-01 TRAFFIC SIGNAL MOUNTING DETAILS  
886001-01 DETECTOR LOOP INSTALLATIONS  
886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

REV - MS

FILE NAME:	USER NAME = Marc-Andre's e-n	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS GENERAL NOTES AND COMMITMENTS	F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			VAR	D9 ELECTRICAL REPAIR FY 26-1	VARIOUS	7	3	
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -			CONTRACT NO. 78B40					
	PLOT DATE = 3/25/2025	DATE -	REVISED -								
						SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.

MODEL: INDEX GENERAL [Sheet]  
FILE NAME: c:\pw\workpw\id\illinois.gov\marco.andresen@illinois.gov\marco.andresen@illinois.gov\ID978B40-SHB-Index\_GenNotes.dgn



SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	VARIOUS	VARIOUS
				ROUTE:	FAI 26	FAI 26
				FUNDING:	100% STATE	100% STATE
				LOCATION:	RURAL	RURAL
				HIT AND RUN	MCHD	
					0021	
80300100	LOCATING UNDERGROUND CABLE	FOOT	38	23	15	
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	60	37	23	
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	2	1	1	
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	2	1	1	
82500335	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 100AMP	EACH	2	1	1	
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	2	1	1	
83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	2	1	1	
84200804	REMOVAL OF POLE FOUNDATION	EACH	2	1	1	
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	1	1	
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2	1	1	
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2	1	1	
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	5	3	2	
88500100	INDUCTIVE LOOP DETECTOR	EACH	2	1	1	
88600100	DETECTOR LOOP, TYPE I	FOOT	60	37	23	

MODEL: SUMMARY OF QUANTITIES [Sheet]  
FILE NAME: c:\pwworking\illinois.gov\marco.andresen@illinois.gov\marco.andresen\SNC-SoQ.dgn

SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	VARIOUS	VARIOUS
				ROUTE:	FAI 26	FAI 26
				FUNDING:	100% STATE	100% STATE
				LOCATION:	RURAL	RURAL
				HIT AND RUN	MCHD	
					0021	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2		1	1
XP000001	JOURNEYMAN ELECTRICIAN	HOURL	398		243	155
XP000002	APPRENTICE ELECTRICIAN	HOURL	195		119	76
XP000009	PICK-UP TRUCK	HOURL	319		195	124
XP000010	BUCKET TRUCK (LENGTH LESS THAN 35 FEET)	HOURL	19		12	7
XP000011	BUCKET TRUCK (LENGTH 35 TO 65 FEET)	HOURL	23		14	9
XP000012	ARROWBOARD (TRAILER MOUNTED)	HOURL	13		8	5
XP000013	ATTENUATOR, CRASH (TRUCK MOUNTED)	HOURL	13		8	5
XP000014	TRUCK CRANE	HOURL	13		8	5
XPOOOO28	LABOR	HOURL	75		51	24
XP000030	BUCKET TRUCK FOR HIGHWAY LIGHTING	HOURL	60		37	23
XP000031	POLE TRAILER	HOURL	5		3	2
XP000032	FLATBED TRAILER	HOURL	5		3	2
XP000106	BUCHANAN FUSEHOLDER KIT	EACH	2		1	1
XP000126	#12 XLPE 1/C COPPER WIRE	FEET	135		82	53

MODEL: SUMMARY OF QUANTITIES-1 [Sheet]  
FILE NAME: c:\p\work\illinois\gov\marco.andresen\0978840-SHC-SoQ.dgn

## SUMMARY OF QUANTITIES - CONT

COUNTY:	VARIOUS	VARIOUS
ROUTE:	FAI 26	FAI 26
FUNDING:	100% STATE	100% STATE
LOCATION:	RURAL	RURAL
TOTAL QUANTITY	HIT AND RUN	MCHD
	0021	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	HIT AND RUN	MCHD
				0021	0021
XP000127	#8 XLP-TYPE USE 1/C COPPER WIRE	FEET	135	82	53
XP000128	#6 XLP-TYPE USE 1/C COPPER WIRE	FEET	135	82	53
XP000129	60A LIGHTING CONTACTOR	EACH	2	1	1
XP000130	100A LIGHTING CONTACTOR	EACH	2	1	1
XP000139	BREAKAWAY COUPLING, 1"	EACH	4	2	2
XP000140	1/4" X 1/4" STAINLESS STEEL MESH	SQ FT	3	2	1
XP000141	ALUMINUM SIGNAL BASE, SQUARE (PELCO)	EACH	2	1	1
XP000170	ELECTRIC CABLE, 2/C, #14, TW, SH	FEET	135	82	53
XP000176	ELECTRIC CABLE, 5/C, #14	FEET	135	82	53
XP000177	ELECTRIC CABLE, 7/C, #14	FEET	135	82	53
XP000180	SPLICE KIT (3-M SCOTCHCAST #72-N1)	EACH	2	1	1
XP000181	LOOP SEALANT (BONDO P606)	GALLON	2	1	1
XP000204	ALUMINUM LIGHT POLE, 45', COMPLETE, ROUND, W 15' TRUSS STYLE ARM, W/TRANSFORMER BASE, 17" B.C.	EACH	2	1	1
XP000205	ALUMINUM LIGHT POLE MAST ARM, 15', TRUSS STYLE	EACH	2	1	1

FILE NAME:	USER NAME = Marco.Andresen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES CONT				F.A.~ RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR	D9 ELECTRICAL REPAIR FY 26-1	VARIOUS	7	6
	PLOT SCALE = 0.18686633 "/in.	CHECKED -	REVISED -		CONTRACT NO. 78B40								
	PLOT DATE = 3/25/2025	DATE -	REVISED -		SCALE:	SHEET 3	OF 4	SHEETS	STA.	TO STA.			
											ILLINOIS	FED. AID PROJECT	

## SUMMARY OF QUANTITIES - CONT

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	HIT AND RUN	MCHD
				0021	0021
XP000206	ALUMINUM TRANSFORMER BASE, 13" UPPER BOLT CIRCLE 17" LOWER BOLT CIRCLE	EACH	2	1	1
XP000207	ALUMINUM LIGHT POLE, 45', COMPLETE, RD, W/ TENON TOP, W/T BASE, 17" B.C., DK. BRONZE POWDER COAT	EACH	2	1	1
XP000208	ALUMINUM TRANSFORMER BASE, 15" UPPER BOLT CIRCLE 17" LOWER BOLT CIRCLE, DK. BRONZE POWDER COAT	EACH	2	1	1
XP000309	REPAIR HIGHWAY LIGHT POLE KNOCKDOWN	EACH	2	1	1
XP000310	REPLACE HIGHWAY LIGHT POLE BREAKAWAY DEVICE, COUPLINGS	EACH	2	1	1
XP000311	REPLACE HIGHWAY LIGHT POLE BREAKAWAY DEVICE, TRANSFORMER BASE	EACH	2	1	1
XP000312	REPLACE TRAFFIC SIGNAL POST BASE ASSEMBLY	EACH	2	1	1