

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	COUNTY:	JACKSON	UNION
				ROUTE:	IL 13 / REED STATION RD.	IL 146 / US 51
				FUNDING:	100% STATE	100% STATE
				LOCATION:	URBAN	URBAN
					TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021
67100100	MOBILIZATION	L SUM	1		0.5	0.5
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		0.5	0.5
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		0.5	0.5
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		0.5	0.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	112		56	56
* 72000100	SIGN PANEL - TYPE 1	SQ FT	60		12	48
80300100	LOCATING UNDERGROUND CABLE	FOOT	570		254	316
80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	2		1	1
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	40		20	20
81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	254		254	
81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	316			316
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	255		255	
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1		1	
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	2		1	1
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,300		475	825

* SPECIALTY ITEM

⚠ REVISED 2-13-2026

REV - MS

MODEL: SQQ [Sheet]
FILE NAME: c:\pwworking\illinois.gov_dacoda.blockley\138027\0978891-SHC-SQQ.dgn

PLOT DATE = 12/15/2025	USER NAME = Dacoda.Blockley	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR.	D9 Traffic Signal 2026-2	VARIOUS	14	4
		CHECKED -	REVISED -		SCALE: SHEET 4 OF 14 SHEETS STA. TO STA.			CONTRACT NO. 78B91				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

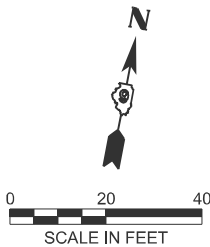
SUMMARY OF QUANTITIES - CONT			COUNTY:	JACKSON	UNION
			ROUTE:	IL 13 / REED STATION RD.	IL 146 / US 51
			FUNDING:	100% STATE	100% STATE
			LOCATION:	URBAN	URBAN
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS	TRAFFIC SIGNALS
				0021	0021
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	50	25	25
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,030		1,030
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	6	3	3
87900200	DRILL EXISTING HANDHOLE	EACH	12	6	6
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2		2
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	6	2	4
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	6	2	4
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6	6	
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	16	4	12
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1	1
XP000179	GROUND ROD, 8', COPPER CLAD	EACH	28	15	13
X0325922	CELLULAR MODEM	EACH	1		1
X1700066	POTHOLING	EACH	9	3	6
X7340100	CONCRETE FOUNDATIONS, GROUND MOUNT	CU YD	0.5	0.25	0.25
X8760200	ACCESSIBLE PEDESTRIAN SIGNAL	EACH	6	6	

1 REVISED 2-13-2026

LEGEND

- EXISTING HANDHOLE
- EXISTING SIGNAL POST
- EXISTING STEEL MAST ARM
- EXISTING PEDESTRIAN PUSH BUTTON
- EXISTING JUNCTION BOX
- EXISTING ELECTRIC CONDUIT
- PROPOSED TRAFFIC SIGNAL CONTROLLER
- PROPOSED VIDEO DETECTION SYSTEM
- PROPOSED VIDEO AND RADAR HYBRID DETECTION SYSTEM
- PROPOSED GROUND ROD (IN HANDHOLE)
- PROPOSED GROUNDMOUNT SERVICE CABINET
- PROPOSED TRAFFIC SIGNAL
- PROPOSED SIGN PANEL - TYPE 1 (FYA)
- PROPOSED BATTERY BACKUP SYSTEM
- PROPOSED UNDERGROUND CONDUIT
- PROPOSED PEDESTRIAN SIGNAL -- HEAD, LED, 1-FACE, BRACKET MOUNTED W/ COUNTDOWN TIMER
- PROPOSED APS PUSHBUTTON

PROP. UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.



NOTE: ALL PROPOSED ELECTRIC CABLE TO THE NE CORNER LIGHT POLE IS 3-1/C NO.10

PROP. SIGN PANEL - TYPE 1 (FYA), 6 SF

PROP. VIDEO DETECTION SYSTEM

PROP. FULL-ACTUATED CONTROLLER AND TYPE V CABINET
PROP. TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
PROP. CONCRETE FOUNDATION, TYPE C

PROP. UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.

PROP. SERVICE INSTALLATION, GROUND MOUNTED

IL 13

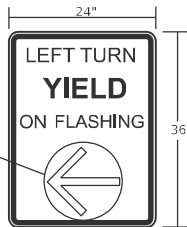
PROP. ACCESSIBLE PEDESTRIAN SIGNALS

PROP. PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER

PROP. VIDEO AND RADAR HYBRID DETECTION SYSTEM

PROP. SIGN PANEL - TYPE 1 (FYA), 6 SF

SIGN PANEL TYPE 1 DETAIL



SIGN PANEL-TYPE 1

SIGN BACKGROUND: WHITE
SIGN LETTERING: BLACK
SIGN SHEETING: AP

NOTE: REPLACE ALL "LEFT TURN YIELD ON GREEN" SIGNS
WITH SIGN PANEL - TYPE 1 (FYA)
COST INCLUDED IN SIGN PANEL - TYPE 1

REVISD 2-13-2026

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN DETAIL: IL 13 / REED STATION RD.

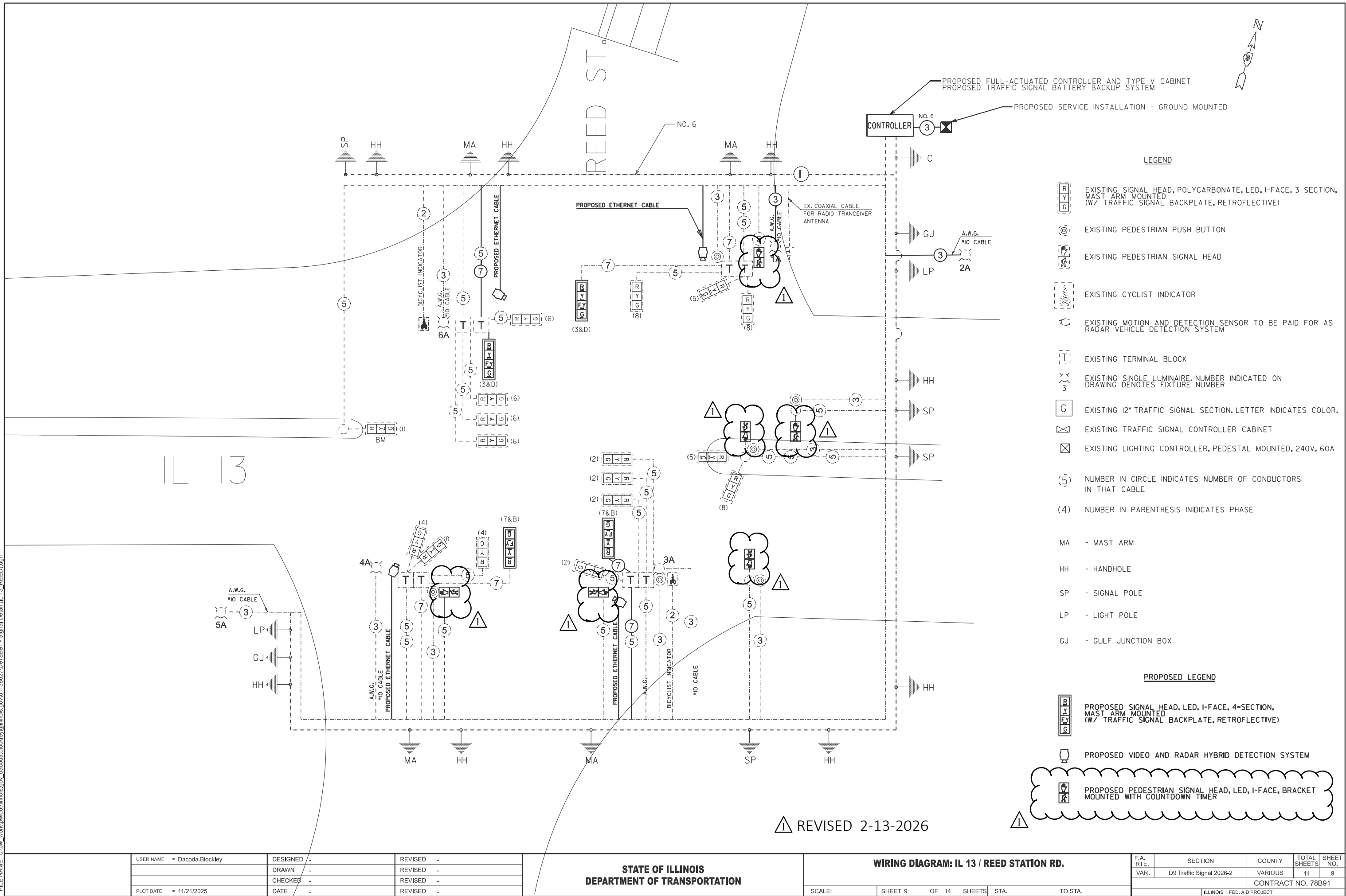
SCALE: 1"=20' SHEET 8 OF 14 SHEETS STA. 219+91.51 TO STA. 225+91.51

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D9 Traffic Signal 2026-2	VARIOUS	14	8
CONTRACT NO. 78B91				
ILLINOIS FED. AID PROJECT				

MODEL: Unnamed Plan - IL 13 - REED ST. PRO (Sheet)
FILE NAME: c:\p\work\p\work\illinois.gov\decoda.blockley\@illinois.gov\1138027\0978891-SHT-EX_Pro_TS_IL 13_Reed St.dgn

USER NAME	= Decoda.Blockley	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 2/3/2026	DATE	-	REVISED	-

MODEL: Signal Detail [Sheet]
FILE NAME: c:\p\work\illinois.gov\1138027\0978891 - Signal Detail (IL 13, REED).dgn



PLOT DATE = 11/21/2025	USER NAME = Dacoda,Blockley	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	DATE -		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIRING DIAGRAM: IL 13 / REED STATION RD.

SCALE: SHEET 9 OF 14 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D9 Traffic Signal 2026-2	VARIOUS	14	9
CONTRACT NO. 78B91				
ILLINOIS FED. AID PROJECT				