FOR INDEX OF SHEETS, SEE SHEET NO. 2

### **STATE OF ILLINOIS**

## **DEPARTMENT OF TRANSPORTATION**

**DIVISION OF HIGHWAYS** 

# **PROPOSED IMPROVEMENTS**

**VARIOUS ROUTES SECTION D6 LIGHTING 2024 SIGNAL & LIGHTING MAINTENANCE** 

### **VARIOUS COUNTIES**

C-96-063-11



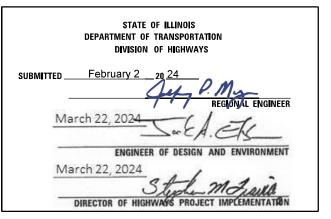
**LOCATION MAP** 

D-96-063-11

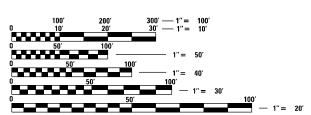
D6 LIGHTING 2024

ILLINOIS CONTRACT NO. 72E35





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

PROJECT ENGINEER: MIKE HAMBY - (217)524-7765 PROJECT MANAGER: TIM SHARP - (217)524-9160

CONTRACT NO. 72E35

### INDEX OF SHEETS

- 1. COVER
- 2. INDEX OF SHEETS AND HIGHWAY STANDARDS
- 3. SUMMARY OF QUANTITIES AND GENERAL NOTES

### HIGHWAY STANDARDS

701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY FROM EDGE OF PAVEMENT 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE 701011-04 OFF-RD MOVING OPERATION, 2L, 2W, DAY ONLY 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE 701106-02 OFF RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH 701206-05 LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS > 45 MPH 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEED > 45 MPH 701311-03 LANE CLOSURE. 2L. 2W. MOVING OPERATIONS - DAY ONLY 701400-12 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH 701421-08 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, OR SPEEDS > 45 MPH TO 55 MPH 701422-10 LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH 701426-09 LANE CLOSURE, MULTILANE, INTEMITTENT OR MOVINGOPER., FOR SPEEDS > 45 MPH 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH 701428-01 TRAFFIC CONTROL SETUP AND REMOVAL, FREEWAY/EXPRESSWAY 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 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE 701901-09 TRAFFIC CONTROL DEVICES 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 821101-02 LUMINAIRE WIRING IN POLE 830006-05 LIGHT POLE ALUMINUM DAVIT ARM 830021-04 LIGHT POLF STEEL TENON TOP 838001-01 BRFAKAWAY DFVICES

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6 EXAMINED February, 9 20 24 ENGINEER OF OPERATIONS EXAMINED February, 9 20 24 ENGINEER OF PROJECT IMPLEMENTATION EXAMINED February, 9 20 24 ENGINEER OF PROGRAM DEVELOPMENT

REV. - MS

FILE NAME =	USER NAME = Timothy.Sherp	DESIGNED -	REVISED -		INDEX OF SHEETS AND HIGHWAY STANDARDS				RTF.	SECTION	COUNTY	TOTAL	SHEET NO.		
S:\CONTRMAINT_CAD\72E35 - D6 LIGHTING -	WEST - (4-26-2024)\Plans\72E35-sht2-gennote	edBRAWN -	REVISED -	STATE OF ILLINOIS					VAR.	D6 LIGHTING 2024	VARIOUS	3	2		
	PLOT SCALE = 58.2266 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				1		CONTRAC	T NO. 7	2F 35			
Default	PLOT DATE = 2/2/2024	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	Ì	ILLINOIS FED. A	ID PROJECT		

				6-01600-9980 CONSTR. CODE	6-00361-99 CONSTR. CO
				TOTAL	TOTAL
		1		QUANTITY	QUANTITY
CODE				100% MCHD 0021	▼ 100% STAT 0021
NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	60	39	21
83060830	LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., TENON MOUNT	EACH	4	3	1
83060850	LIGHT POLE, GALVANIZED STEEL, 55 FT. M.H., TENON MOUNT	EACH	2	1	1
X1400035	150WHPS LAMP/NON CYCLING	EACH	25	16	9
X1400036	250WHPS LAMP/NON CYCLING	EACH	50	33	17
X1400037	400WHPS LAMP/NON CYCLING	EACH	15	11	4
X1400039	150W-240V HPS TRANSFORMER KIT	EACH	10	7	3
X1400040	250W-240V HPS TRANSFORMER KIT (GE)	EACH	20	13	7
X1400041	250W-480V HPS TRANSFORMER KIT (GE)	EACH	10	7	3
X1400042	250W-480V HPS TRANSFORMER KIT (HOLOPHANE	EACH	10	7	3
X1400043	12" SIGNAL HEAD W/O VISOR (POLYCARBONATE )	EACH	6	4	2
X1400044	12" SIGNAL HEAD VISOR (POLYCARBONATE)	EACH	6	4	2
X1400045	ELASTIMOLD FUSE HOLDER	EACH	10	7	3
X1400046	RED MARKING PAINT	EACH	15	11	4
X1400047	SOLID STATE NEMA FLASHER	EACH	10	7	3
X1400048	SOLID STATE NEMA LOAD SWITCH	EACH	15	11	4
X1400049	12" LED MODULE (GREEN)	EACH	10	7	3
X1400050	12" LED MODULE (YELLOW)	EACH	10	7	3
X1400051	12" LED MODULE (RED)	EACH	10	7	3
X1400052	250W-240V HPS TRANSFORMER KIT (HOLOPHANE	EACH	10	7	3
			10	7	3
X1400054 X1400055	150W-480V HPS TRANSFORMER KIT 400W-240V HPS TRANSFORMER KIT	EACH	10	7	3
		EACH		7	3
X1400056	400W-480V HPS TRANSFORMER KIT	EACH	10 50	33	17
X1400057	FNM 10 BUSS FUSE	EACH	-		5000
X1400058	10 AMP CONTROL FUSE	EACH	40	26	14
X1400063	#6 USE WIRE	FOOT	800	520	280
X1400064	#10 USE WIRE	FOOT	1500	975	525
X1400066	SURRESTOR	EACH	15	11	4
X1400067	SET 4 BREAKAWAY COUPLERS (TRANSPO 4100)	EACH	6	4	2
X1400070	50' ALUMINUM 15' DAVIT ARM POLE	EACH	1	1	0
X1400071	50' ALUMINUM 15' DUAL DAVIT ARM POLE	EACH	1	0	1
X1400074	BUS INTERFACE UNIT	EACH	10	7	3
X1400076	COBALT CONTROLLER	EACH	2	1	1
X1400209	45' ALUMINUM LIGHT POLE WITH 15' DAVIT ARM	EACH	2	1	1
X1400361	1-PORT MOXA GIGABIT ETHERNET MODULE "SFP-IG.XLC-T"	EACH	2	1	1
X1400362	AUTOSCOPE VISON COMM MANAGER	EACH	2	1	1
X1400363	MOXA "ADS-510E-3GTXSFP-T" ETHERNET SWITCH WITH DIN RAIL POWER SUPPLY	EACH	2	1	1
X1400364	AXIS MODEL 06042-E DOME CAMERA ASSEMBLY	EACH	2	1	1
X8210402	LUMINAIRE MOUNTING BRACKET - SPECIAL	EACH	60	40	20
X8250230	PHOTOCELL	EACH	25	17	8
XP000001	JOURNEYMAN ELECTRICIAN	HOUR	400	264	136
XP000003	JOURNEYMAN ELECTRICIAN (WEEKLY OVERTIME RATE)	HOUR	40	26	14
XP000004	JOURNEYMAN ELECTRICIAN (SATURDAY OVERTIME RATE)	HOUR	20	13	7
XP000005	JOURNEYMAN ELECTRICIAN (SUNDAY AND HOLIDAY OVERTIME RATE)	HOUR	20	13	7
XP000009	PICK-UP TRUCK	HOUR	200	130	70
XP000010	BUCKET TRUCK (LENGTH LESS THAN 35 FEET)	HOUR	60	39	21
XP000011	BUCKET TRUCK (LENGTH 35 TO 65 FEET)	HOUR	200	130	70
		1			

### **GENERAL NOTES**

This work is located on various routes in Adams, Brown, Hancock, Pike and Schuyler counties all located within Region 4, District 6. The work included in this section consists of maintaining and repairing the electrical systems and all other work necessary to complete this section.

The locations of the repair areas shall be determined by the engineer.

All work is to be replaced in kind or, as indicated on the contract plans or provisions.

Removal of damaged materials will include dismantling, loading, hauling, and disposal.

Any necessary traffic control will be provided by the contractor; appropriate standards are listed on Sheet No. 2. Traffic control shall not be paid for as separate pay items, but shall be considered a part of the contract.

The work site shall be left in a safe and orderly condition.

No material should be left on or near the roadway during non-working hours.

All excavated material, which includes digging or grading of any soil or fill material, with the exception of aggregate fills, must be left on, or incorporated within, the IDOT right-of-way due to environmental documentation requirements.

Any work order may be cancelled at the engineer's discretion.

English units of measurement shall govern over and supersede any metric units in this contract. Where included, metric units are for information only.

Electronic files and/or electronic survey information including CADD files will not be available for this project to the contractor.

No overnight lane closures will be allowed, unless emergency conditions exist.

Any reference to a standard in these plans shall be interpreted to mean the edition as indicated by the subnumber shown in the list of standards or the copy included in these plans.

FILE NAME =	USER NAME = Timothy.Sharp	DESIGNED	REVISED
S:\CONTRMAINT_CAD\72E35 - D6 LIGHTING -	WEST - (4-26-2024)\Plans\72E35-sht3-S00.dgn	DRAWN	REVISED
	PLOT SCALE = 2.9644 '/ in.	CHECKED	REVISED
SHT_PLAN	PLOT DATE = 2/2/2024	DATE	REVISED

	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
SUMMARY OF QUANTITIES AND GENERAL NOTES	VAR.	D6 LIGHTING 2024	VARIOUS	3	3				
SOMMAN OF COAMINES AND CENTRE NOTES			CONTRACT	NO.	72E35				
SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT							