

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D3 LIGHTING REPAIR 2024-2	*	4	1
		ILLINOIS	CONTRACT NO. 66N99	

* FORD, IROQUOIS, & LIVINGSTON

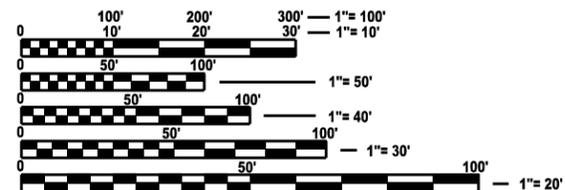
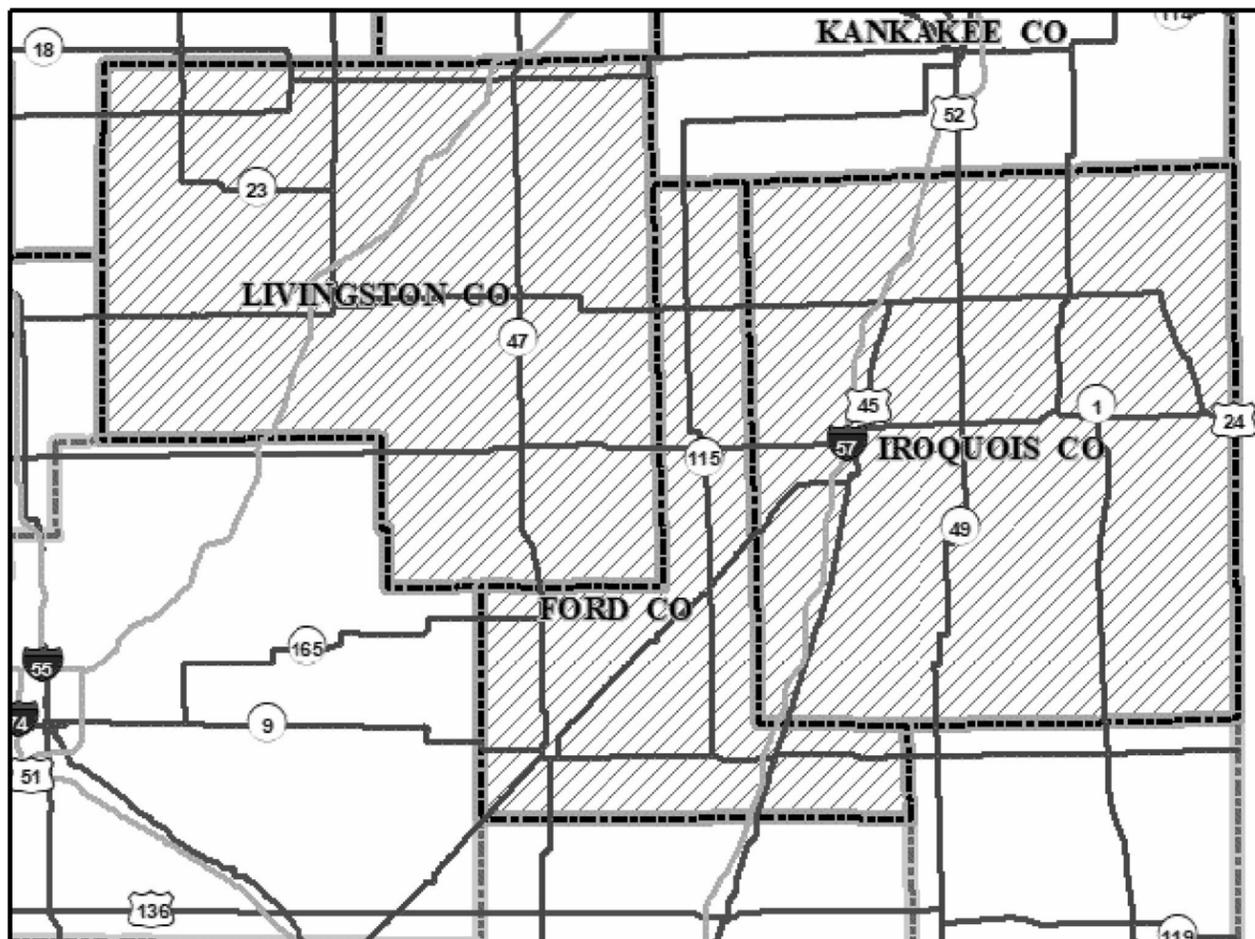
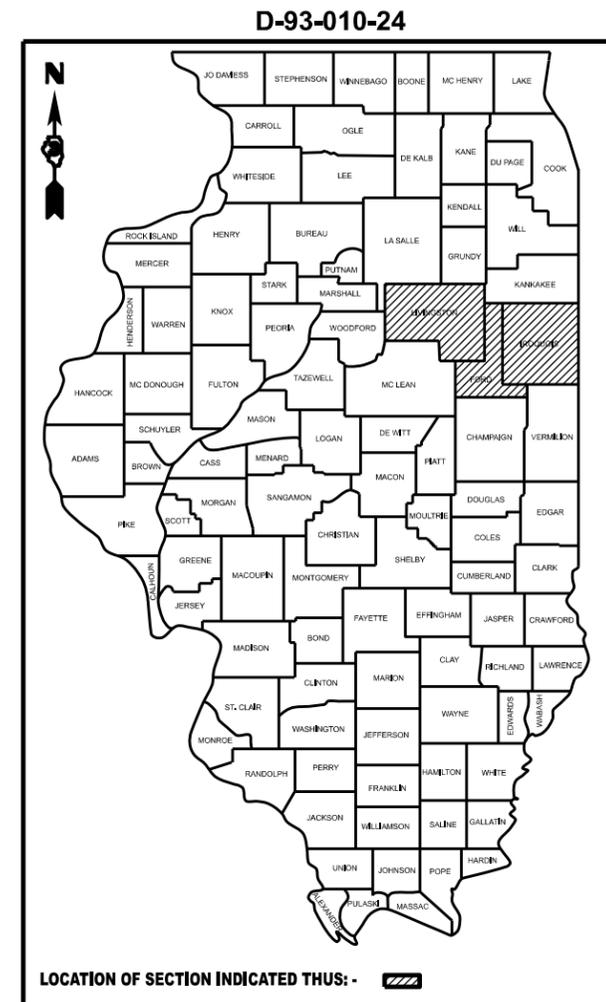
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- 2 GENERAL NOTES AND HIGHWAY STANDARDS
- 3-4 SUMMARY OF QUANTITIES

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES SECTION D3 LIGHTING REPAIR 2024-2 PROJECT AREA THREE ON CALL LIGHTING REPAIR VARIOUS COUNTIES

C-93-043-24



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

DISTRICT 3 NO. (815)-434-6131
PROJECT ENGINEER: JOE KANNEL, P.E.
UNIT CHIEF: MOHAMED YOUSIF

CONTRACT NO. 66N99

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 31, 2023

Mamad Ahmad
REGIONAL ENGINEER

October 13, 2023
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

October 13, 2023
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

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

REMOVAL OF DAMAGED MATERIALS SHALL INCLUDE DISMANTLING, LOADING, HAULING, AND DISPOSAL.

THE WORK SITE SHALL BE LEFT IN A SAFE AND ORDERLY CONDITION.

NO MATERIAL SHOULD BE LEFT ON OR NEAR THE ROADWAY.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, INCORPORATED WITHIN, THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH SEED OR SOD TO THE SATISFACTION OF THE ENGINEER. SEEDING OR SODDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION.

ANY WORK ORDER MAY BE CANCELLED AT THE ENGINEERS DISCRETION.

NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

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 THE PLANS.

THE CONTRACTOR IS ADVISED THAT THERE MAY BE PRESENCE OF DEPARTMENT OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT, THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8505) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO EXPENSE TO THE DEPARTMENT. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.

LIST OF ILLINOIS DOT 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' AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD 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 SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	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, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701431-13	LANE CLOSURE, MULTILANE, UNDIVIDED WITH CROSSOVER, FOR SPEEDS ≥ 45 MPH 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 LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
821101-02	LUMINAIRE WIRING IN POLE
838001-01	BREAKAWAY DEVICES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND HIGHWAY STANDARDS
IDOT DISTRICT 3 ELECTRICAL MAINTENANCE CONTRACT

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	D3 LIGHTING REPAIR 2024-2	VARIOUS*	4	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66N99	

* FORD, IROQUOIS, & LIVINGSTON

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PLOT SCALE = 100,000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 8/17/2023	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STATE FUNDS		
				100%		
				ROADWAY		
0021			FORD	IROQUOIS	LIVINGSTON	
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	3	1	1	1
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	3	1	1	1
82110015	LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION H	EACH	2		1	1
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	6	2	2	2
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	15	5	5	5
85000500	MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION	EACH	14	3	5	6
89502610	SIGNAL VISOR, TUNNEL TYPE, 12 INCH	EACH	3	1	1	1
X0326498	GFCI 20 AMP DUPLEX RECEPTACLE	EACH	3	1	1	1
X8000001	MAINTAIN EXISTING HIGHWAY LIGHTING	EACH	40	5	20	15
X8350003	MAINTENANCE OF EXISTING HIGH MAST LIGHT TOWERS	EACH	10		5	5
XP000001	JOURNEYMAN ELECTRICIAN	HOUR	1000	125	500	375
XP000002	APPRENTICE ELECTRICIAN	HOUR	337	37	175	125
XP000003	JOURNEYMAN ELECTRICIAN (WEEKLY OVERTIME RATE)	HOUR	74	12	37	25
XP000004	JOURNEYMAN ELECTRICIAN (SATURDAY OVERTIME RATE)	HOUR	74	12	37	25

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DRAWN - _____	REVISIONS - _____	SCALE: _____		SHEET 1	OF 2	SHEETS	VARIOUS	D3 LIGHTING REPAIR 2024-2	*	4	3
PLOT SCALE = 100,000' / in.	CHECKED - _____	REVISED - _____		TO STA. _____	CONTRACT NO. 66N99						
PLOT DATE = 8/24/2023	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT *- FORD, IROQUOIS, & LIVINGSTON							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				STATE FUNDS		
				100%		
				ROADWAY		
			0021			
			FORD	IROQUOIS	LIVINGSTON	
XP000005	JOURNEYMAN ELECTRICIAN (SUNDAY AND HOLIDAY OVERTIME RATE)	HOUR	41	7	22	12
XP000006	APPRENTICE ELECTRICIAN (WEEKLY OVERTIME RATE)	HOUR	74	12	37	25
XP000007	APPRENTICE ELECTRICIAN (SATURDAY OVERTIME RATE)	HOUR	74	12	37	25
XP000008	APPRENTICE ELECTRICIAN (SUNDAY AND HOLIDAY OVERTIME RATE)	HOUR	62	12	25	25
XP000009	PICK-UP TRUCK	HOUR	1400	200	800	400
XP000010	BUCKET TRUCK (LENGTH LESS THAN 35 FEET)	HOUR	60	20	20	20
XP000011	BUCKET TRUCK (LENGTH 35 TO 65 FEET)	HOUR	120	40	40	40
XP000015	DIGGER DERRICK	HOUR	3	1	1	1
XP000103	KTQ 5A FUSE	EACH	45	15	15	15
XP000106	BUCHANAN FUSEHOLDER KIT	EACH	18	6	6	6
XP000200	LOAD SWITCH, NEMA	EACH	13	11	1	1
Z0025615	FURNISH AND INSTALL METAL SCREEN	EACH	30	10	10	10

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USER NAME = Jon.Woodyer	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES IDOT DISTRICT 3 ELECTRICAL MAINTENANCE CONTRACT	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN - _____	REVISED - _____	VARIOUS			D3 LIGHTING REPAIR 2024-2	*	4	4		
PLOT SCALE = 100,000' / in.	CHECKED - _____	REVISED - _____			CONTRACT NO. 66N99					
PLOT DATE = 8/24/2023	DATE - _____	REVISED - _____			SCALE: _____	SHEET 2	OF 2	SHEETS	STA. _____	TO STA. _____

* - FORD, IROQUOIS, & LIVINGSTON