

MODEL: Typical Sections (Sheet) - 4
FILE NAME: c:\p\p_work\p\td\slawinski\mm\09063114D468xxx-sh-SQO.dgn

				CONSTR. CODE
				0021 ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP-RURAL
				90% FEDERAL
				10% STATE
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	962	962
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1065	1065
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	92	92
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	962	962
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1065	1065
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	92	92
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	229	229
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1
* 81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	30	30
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	70	70
* 81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	100	100
* 81603096	UNIT DUCT, 600V, 4-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	110	110
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	300	300
* 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	2	2

*= SPECIALTY ITEM

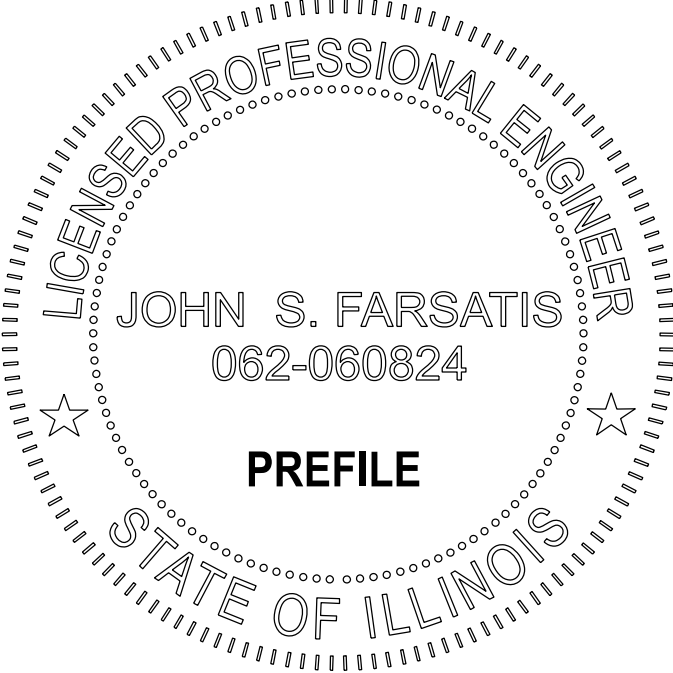
	USER NAME = neil.slowinski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 24 & DEE MACK RD SUMMARY OF QUANTITIES			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					368	(35)N-2	TAZEWELL	40	6
		CHECKED -	REVISED -					CONTRACT NO. 68H60				
	PLOT DATE = 6/22/2026	DATE -	REVISED -		SCALE:	SHEET	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE NAME: C:\Users\Akamara\A. Watts Inc\Dept 20 Projects - Documents\IDOT PTB 216-037 TMM\WO 04 Flashing Beacon\00_CADD FILES\00_CADD Drawings\01_D468H60_S00.dgn

BILL OF MATERIALS		
ITEM	UNIT	TOTAL QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	30
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	70
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	100
UNIT DUCT, 600V, 4-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	110
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	300
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	2
LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	250
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
SIGNAL HEAD, POLYCARBONATE, LED, 4-FACE, 1-SECTION, MAST ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE	EACH	4



SIGNED 04/30/2026
EXPIRES 11/30/2027
RESPONSIBLE FOR CIVIL PORTIONS ONLY



SIGNED 04/30/2026
EXPIRES 11/30/2027
RESPONSIBLE FOR ELECTRICAL PORTIONS ONLY

ELECTRICAL WORK GENERAL NOTES:

1. THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE FLASHING BEACON SYSTEM IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, APPLICABLE HIGHWAY STANDARDS, AND THESE PLANS.
2. ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES.
3. EXACT LOCATIONS OF PROPOSED EQUIPMENT SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
4. EXISTING SIGNS AND EQUIPMENT DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT NO ADDITIONAL COST.
5. ALL CONDUIT INSTALLED UNDERGROUND SHALL BE PVC SCHEDULE 40 UNLESS OTHERWISE NOTED.
6. THE CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE INSTALLATION WITH THE UTILITY PROVIDER. THE LOCATION OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS. THE ENGINEER SHALL BE NOTIFIED OF ANY CONFLICTS. THE FLASHING BEACON SHALL NOT BE PLACED INTO OPERATION UNTIL INSPECTED AND APPROVED BY THE ENGINEER.
7. CONTRACTOR SHALL RESTORE DISTURBED AREAS TO EXISTING CONDITIONS OR BETTER.
8. MAST ARM AND POLE ASSEMBLY SHALL BE INSTALLED PER MANUFACTURE RECOMMENDATIONS AND IDOT STANDARDS. CONTRACTOR SHALL FIELD VERIFY MOUNTING HEIGHT AND CLEARANCES PRIOR TO INSTALLATION.
9. ALL ELECTRICAL SYSTEMS, EQUIPMENT, AND APPURTENANCES MUST BE GROUNDED AND BONDED IN STRICT CONFORMANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE EVEN THOUGH EVERY DETAIL OF REQUIREMENTS IS NOT SPECIFIED OR SHOWN.
10. COMMENCEMENT OF WORK SHALL BE CONSTRUED AS EVIDENCE THAT A CAREFUL EXAMINATION OF THE PORTION OF EXISTING ROADWAY FOR THIS WORK AND ACCESS TO THE WORK SPACES HAS BEEN PERFORMED BY THE CONTRACTOR AND THAT THE CONTRACTOR IS FAMILIAR WITH THE EXISTING CONDITIONS AND ANY DIFFICULTIES THAT MAY AFFECT THE EXECUTION OF THE WORK. LATER CLAIMS BY THE CONTRACTOR WILL NOT BE PERMITTED FOR ADDITIONAL LABOR OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN DURING SUCH AND EXAMINATION.
11. ALL NEW LIGHTING EQUIPMENT AND WIRING SHOWN IS DIAGRAMMATIC TO SHOW INTENT. ACTUAL LOCATIONS IN THE FIELD MUST BE APPROVED BY THE ENGINEER.
12. CONDUIT BENDS SHALL NOT EXCEED 180 DEGREES BETWEEN PULL POINTS. HANDHOLES SHALL BE INSTALLED WHERE REQUIRED TO FACILITATE CONDUCTOR PULLS.
13. ALL TRAFFIC SIGNAL SECTION SHALL BE 12-INCH LED TYPE WITH BACKPLATES.
14. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND THE FOLLOWING APPLICABLE HIGHWAY STANDARDS:

- 821101-03

- 825001-04

- 873001-02

- 877012-07

- 878001-11

- 880006-01

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE DETAILS UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS.
15. CONDUIT CROSSINGS BENEATH PAVEMENT SHALL BE THROUGH A 4" SCHEDULE 40 PVC CONDUIT SLEEVE INSTALLED A MINIMUM OF 36 INCHES BELOW PAVEMENT STRUCTURE AND EXTENDED A MINIMUM OF 3 FEET BEYOND THE EDGE OF PAVED AREA. ALL UNIT DUCTS SHOWN ON THE PLANS SHALL BE ROUTED THROUGH THIS CONDUIT SLEEVE.
16. CONTRACTOR SHALL PROVIDE TWO (2) 10 FOOT STEEL TRUSS-TYPE LUMINAIRE MAST ARM ASSEMBLIES FOR INSTALLATION OF LUMINAIRES. ORIENTATION OF MAST ARMS AND LUMINAIRES SHALL BE AS INDICATED ON THE PLANS. MAST ARMS SHALL BE STRUCTURALLY ADEQUATE FOR THE APPLICATION AND BE IN CONFORMANCE WITH ALL APPLICABLE PROVISIONS OF STANDARD SPECIFICATION SECTION 1069. COST FOR LUMINAIRE MAST ARM ASSEMBLIES AND ALL APPURTENANCE REQUIRED FOR A COMPLETE INSTALLATION SHALL BE INCIDENTAL TO THE LUMINAIRE PAY ITEM.



USER NAME = AlieuKamara	DESIGNED - AK	REVISED -
	DRAWN - AK	REVISED -
	CHECKED - JF	REVISED -
PLOT DATE = 5/6/2026	DATE - 04/30/26	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FLASHING BEACON & LIGHTING
GENERAL NOTES AND BILL OF MATERIALS

SCALE: NA SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	23
CONTRACT NO. 68H60				
		ILLINOIS	FED. AID PROJECT	