

IDOT LEGEND

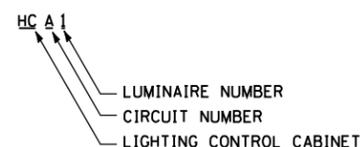
- PROPOSED LIGHTING UNIT
47.5' M.H., 6' DAVIT ARM., WITH 400W, 240V HPS LUMINAIRE, TYPE M-C-II, 6 AMP FUSE
- PROPOSED LIGHTING UNIT
47.5' M.H., 15' DAVIT ARM., WITH 400W, 240V HPS LUMINAIRE, TYPE M-C-II, 6 AMP FUSE
- TEMPORARY LIGHTING UNIT
50' M.H., 15' MAST ARM., WITH 400W, 240V HPS LUMINAIRE, TYPE M-C-III, 6 AMP FUSE
- EXISTING LIGHTING UNIT TO BE REMOVED AND SALVAGED TO IDOT
- TEMPORARY LIGHTING UNIT TO BE LEFT IN PLACE AT CONCLUSION OF CONTRACT
50' M.H., 15' MAST ARM, 400W HPS LUMINAIRE
- EXISTING LIGHTING UNIT
- RIGID GALVANIZED STEEL CONDUIT SLEEVE
BELOW PAVEMENT, SIZE AS INDICATED
- EXISTING UNIT DUCT
- UNIT DUCT, AS SPECIFIED IN PLANS
- AERIAL CABLE, AS SPECIFIED IN PLANS
- EXISTING AERIAL CABLE
- PROPOSED LIGHTING CONTROLLER CABINET,
240/480V, SINGLE PHASE, 3 WIRE
- WOOD POLE, SIZE AS NOTED
- PROPOSED ELECTRIC UTILITY SERVICE CONNECTION
- EXISTING ELECTRIC UTILITY SERVICE CONNECTION
- GROUND ROD, 5/8" x 10'
- JUNCTION BOX, SIZE AND TYPE AS NOTED
- EXISTING LIGHTING CONTROLLER CABINET

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CNC	COILABLE NONMETALLIC CONDUIT
CT	CURRENT TRANSFORMER
CP	CONTROL PANEL
DIA	DIAMETER
DMS	DIGITAL MESSAGE SIGN
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
FT	FEET OR FOOT
FND MET	FOUNDATION METAL
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
M	METER
M.A.	MAST ARM
M.H.	MOUNTING HEIGHT
NO.	NUMBER
PH	PHASE
RGC	RIGID GALVANIZED CONDUIT
RGS	RIGID GALVANIZED STEEL
STA	STATION
T	TEMPORARY LIGHTING UNIT
TB	TRANSFORMER BASE
TC	TRIPLEXED CABLE
TMP	TEMPORARY
UD	UNIT DUCT
WP	WOOD POLE
XFMR	TRANSFORMER

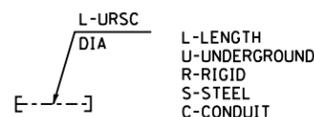
GENERAL NOTES:

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ASSOCIATED SUPPLEMENTAL SPECIFICATIONS (LATEST EDITION), AS WELL AS THE NATIONAL ELECTRICAL CODE.
2. ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS OTHERWISE INDICATED OR DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEMS.
3. WHEREVER TEMPORARY AERIAL CABLE IS REQUIRED TO CROSS AN EXISTING AND/OR PROPOSED ROADWAY, THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 20 FEET OF VERTICAL CLEARANCE OVER THE ROADWAY AT ALL TIMES.
4. UNLESS NOTED OTHERWISE, ALL TEMPORARY LIGHTING EQUIPMENT SHALL BE LEFT IN PLACE AT THE CONCLUSION OF THE CONTRACT AS DENOTED ON THE INTERIM LIGHTING PLAN, AND ITS MAINTENANCE TRANSFERRED TO IDOT. THE INTERIM LIGHTING WILL BE REMOVED AND REPLACED WITH A PERMANENT LIGHTING SYSTEM IN A FUTURE CONTRACT.
5. THE EXISTING IDOT LIGHT POLES, MAST ARMS, LUMINAIRES AND BREAKAWAY DEVICES BEING REMOVED SHALL BE SALVAGED TO IDOT.
6. THE EXISTING CDOT LIGHT POLES, MAST ARMS, LUMINAIRES AND BREAKAWAY DEVICES BEING REMOVED SHALL BE SALVAGED TO CDOT.
7. GROUND RODS ARE INCLUDED IN THE COST OF THE ITEM FOR WHICH THEY ARE INSTALLED, INCLUDING WOOD LIGHT POLES.
8. THE CONTRACTOR SHALL COORDINATE THE REMOVAL/INSTALLATION OF LIGHTING EQUIPMENT WITH THE CONSTRUCTION STAGING SO THAT AT NO TIME SHALL THE ROADWAY IS LEFT UNLIT.
9. ALL PROPOSED TEMPORARY WOOD POLES AND APPURTENANCES ARE SHOWN DIAGRAMMATICALLY ON THE PLANS, THE ACTUAL LOCATIONS IN THE FIELD SHALL BE APPROVED BY THE ENGINEER.
10. WORK SHALL BE PERFORMED WITH ALL APPLICABLE LOCAL AND NATIONAL ELECTRIC CODES, THE IDOT STANDARD SPECIFICATIONS (LATEST EDITION), IDOT SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
11. CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION (CDOT) SUPPLEMENTAL SPECIFICATIONS AMEND AND SUPERSEDE THE LATEST PROVISIONS OF THE IDOT STANDARD SPECIFICATIONS AND SHALL BE CONSTRUED TO BE A PART THEREOF, SUPERSEDING ANY CONFLICTING PROVISIONS THEREFORE APPLICABLE TO THE WORK WITHIN THE JURISDICTION OF THE CITY OF CHICAGO.
12. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR FOR LOCATES OF IDOT CONDUITS AND CABLES.

CALL OUT LEGEND:



CALL OUT SAMPLES:



CDOT LEGEND

- PROPOSED 400W HPS MSIII LUMINAIRE WITH
12' STEEL TRUSS MAST ARM ATTACHED
TO TRAFFIC SIGNAL COMBINATION POLE
- EXISTING STREET LIGHT POLE WITH 310W HPS
LUMINAIRE TO REMAIN IN PLACE
- EXISTING STREET LIGHT POLE, MAST ARM, AND
LUMINAIRE TO BE REMOVED AND SALVAGED TO CDOT

IDOT LIGHTING BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	1517
UNIT DUCT, 600V, 3-1/C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	437
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	1603
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	4809
AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	2858
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	9
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 6 FT. DAVIT ARM	EACH	7
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	2
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	19
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	2
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	26
REMOVAL OF POLE FOUNDATION	EACH	26
TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15 FT. MAST ARM	EACH	12
TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	1
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, 400 WATT	EACH	12
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	9
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	8
JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 21" X 11" X 8"	EACH	2

CDOT LIGHTING BILL OF MATERIALS

ITEM	UNIT	QUANTITY
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2160
FUSE, IN-LINE, 10 AMP	EACH	12
CABLE SPLICE SPECIAL	EACH	6
ELECTRICAL EQUIPMENT REMOVAL AND SALVAGE	EACH	2
INTERCEPT EXISTING CONDUIT	EACH	7
MAINTENANCE OF EXISTING LIGHTING SYSTEM COMPLETE	L SUM	1
BREAK DOWN STREET LIGHT FOUNDATION (CDOT)	EACH	2
CONDUIT IN TRENCH, 2" PVC, SCHEDULE 80, CDOT	FOOT	90
ELECTRIC CABLE IN CONDUIT, TRIPLEX, 2 1/C NO.6, 1/C NO.8 (CDOT)	EACH	874
LUMINAIRE, STREET LIGHT, HPS, 400 WATT, 240 VOLT, ARTERIAL, SEMI-CUTOFF (CDOT)	EACH	6
MAST ARM, TRUSS, STEEL, ARTERIAL, 12 FOOT (CDOT)	EACH	6
TRENCH AND BACKFILL FOR ELECTRICAL CONDUIT (CDOT)	FOOT	578
UNDERGROUND CONDUIT, SCHEDULE 40 PVC, 2" DIAMETER, CDOT	FOOT	488



FILE NAME :	USER NAME = rswanson	DESIGNED - JL	REVISED -
		DRAWN - BKG	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - MKR	REVISED -
	PLOT DATE = 2/11/2013	DATE - 12/07/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING GENERAL NOTES AND LEGEND
STONY ISLAND EXTENSION**

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	138
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				