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ROADWAY LIGHTING SHEET INDEX

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IDOT DISTRICT 1 DETAILS

BE-322 LIGHT POLE FOUNDATION INTEGRAL WITH DOUBLE FACE BARRIER WALL
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CHICAGO BUREAU OF ELECTRICITY STANDARD DRAWINGS

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 872 24" FRAME AND COVER
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 10927 30" MANHOLE COVER

ABBREVIATIONS

A	AMPS
DIA	DIAMETER
C	CONDUCTOR
CDOT	CHICAGO DEPARTMENT OF TRANSPORTATION
GND	GROUND
FT	FEET
HPS	HIGH PRESSURE SODIUM
IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION
P	PUSHED
PH	PHASE
PVC	POLYVINYL CHLORIDE
RGSC	RIGID GALVANIZED STEEL CONDUIT
STA	STATION
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
W	WATTS
W	WIRES

SYMBOL LIST

DESCRIPTION	PROPOSED	EXISTING TO REMAIN	EXISTING TO BE REMOVED
32'-6", 3 GAUGE, STEEL LIGHT POLE WITH 310 WATT HPS LUMINAIRE			
32'-6", 3 GAUGE, STEEL LIGHT POLE WITH 400 WATT HPS LUMINAIRE			
UNDERPASS LUMINAIRE, 70 WATT HPS			
JUNCTION BOX OR PULL BOX			
CONDUIT, ATTACHED TO STRUCTURE			
CONDUIT, EMBEDDED			
2" CONDUIT, BURIED WITH 2-1/C #6 AND 1-1/C #8 GROUND, TRIPLEXED.			
2 1/2" CONDUIT, PUSHED WITH UNIT DUCT (3/4" DIA. POLYETHYLENE WITH 3-1/C #10 AND 1-1/C#10 GROUND, EPR-TYPE USE)			
UNIT DUCT IN TRENCH, 3/4" DIA. POLYETHYLENE WITH 3-1/C #10 AND 1-1/C#10 GROUND, EPR-TYPE USE			
AERIAL CABLE			
COMED CONDUITS			
OEMC FIRE ALARM CABLES IN CONDUIT			
LIGHTING CONTROL CABINET, CITY OF CHICAGO			
MANHOLE			
ROADWAY LIGHTING UNIT MOUNTED ON MEDIAN BARRIER (RR: REMOVE AND REINSTALL)			
TEMPORARY ROADWAY LIGHTING UNIT, 400 W HPS, 50' MOUNTING HEIGHT, MOUNTED ON 60' CLASS 3 WOOD POLE.			
TEMPORARY WOOD POLE			

GENERAL NOTES - ROADWAY LIGHTING

1. SPLICING OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT JUNCTION BOXES ONLY. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
2. LIGHTING CIRCUITS SHALL BE WIRED IN ACCORDANCE WITH THE PLANS. DEVIATIONS WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
3. THE CONTRACTOR SHALL REQUEST A FORMAL MAINTENANCE TRANSFER BEFORE ANY WORK BEGINS. THE CONTRACTOR SHALL CONTACT THE ILLINOIS DEPARTMENT OF TRANSPORTATION AT (847) 221-3079 AND THE CITY OF CHICAGO BUREAU OF ELECTRICITY AT 312-746-4646.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING (DECORATIVE ROCKS, PLANTS, ETC.). COSTS ASSOCIATED WITH THESE SPECIAL MEASURES SHALL BE INCIDENTAL TO THE PAY ITEM FOR TRENCH AND BACKFILL.
5. ALL WORK SHALL CONFORM TO THE LATEST IDOT, IDOT DISTRICT 1 STANDARDS, CHICAGO BUREAU OF ELECTRICITY STANDARDS, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, AND THE NATIONAL ELECTRICAL SAFETY CODE.
6. ALL ELECTRICAL EQUIPMENT SHALL BE NEW, UL LISTED AND LABELED.
7. ALL CONDUITS SHALL BE SEALED.
8. ALL CIRCUIT WIRES SHALL BE LABELED WITH CIRCUIT IDENTIFICATION.
9. ALL LAMPS SHALL BE FURNISHED AS PART OF THE CONTRACT.
10. CIRCUITS SHALL BE TESTED PER SPECIFICATION.
11. THE LOCATIONS OF ALL PROPOSED EQUIPMENT ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET THE APPROVAL OF THE ENGINEER.
12. ALL MEASUREMENTS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY MEASUREMENTS IN THE FIELD.
13. THE EXISTING LIGHTING SYSTEM VOLTAGE ON ELSTON AVENUE IS 240 VOLT, 1-PHASE. THE EXISTING LIGHTING SYSTEM VOLTAGE ON I-94 IS 480 VOLT 1-PHASE.
14. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTING INSTALLATIONS AND DATA PRIOR TO BIDDING.
15. TEMPORARY LIGHTING SHALL REMAIN IN SERVICE UNTIL THE PERMANENT LIGHTING SYSTEM IS IN OPERATION.
16. THE COST OF SPLICING TEMPORARY CONDUCTORS TO EXISTING CONDUCTORS IN EXISTING POLES SHALL BE INCIDENTAL TO THE PAY ITEM FOR AERIAL CABLE.
17. GROUNDING CONDUCTORS SHALL BE CONTINUOUS.
18. ALL NEW UNDERGROUND CONDUITS SHALL BE PLACED A MINIMUM OF 30" BENEATH THE GROUND SURFACE (FINAL GRADE).