










UNDERPASS LIGHTING LEGEND

-  EXISTING UNDERPASS LUMINAIRE 55W LPS
-  PROPOSED UNDERPASS LUMINAIRE 70W HPS
-  PROPOSED JUNCTION BOXES (VARIOUS SIZES)
-  PROPOSED CONDUITS (ATTACHED TO STRUCTURE)
-  PROPOSED FLEXIBLE CONDUIT
-  EXISTING JUNCTION BOXES (VARIOUS SIZES)
-  EXISTING CONDUIT
-  EXISTING LIGHT UNIT
-  EXISTING HANDHOLE (IDOT)

STREET LIGHTING LEGEND

SEE SHEET NO. 32
FOR CITY OF CHICAGO
STANDARD SYMBOLS

GENERAL NOTES:

1. FOR CITY OF CHICAGO STREET LIGHTING AND INSTALLATIONS, ALL CATALOG CUTS AND MATERIAL SPECIFICATIONS SHALL CONFORM TO DEPARTMENT OF STREETS AND SANITATION, BUREAU OF ELECTRICITY STANDARDS. SUBMITTALS SHALL BE REVIEWED BY BOTH THE CITY OF CHICAGO AND IDOT PRIOR TO THE PURCHASE OF ELECTRICAL EQUIPMENT.
2. CENTRAL AVENUE ROADWAY LIGHTING SHALL BE MAINTAINED AS DETAILED IN THE SPECIAL PROVISION FOR "MAINTAIN CENTRAL AVENUE ROADWAY LIGHTING".

ELECTRICAL WORK

- PRELIMINARY STAGE
- NO WORK SHALL BE DONE UNTIL AFTER THE PRECONSTRUCTION INSPECTION OF BOTH THE ROADWAY LIGHTING AND THE UNDERPASS LIGHTING.
 - FORMAL TRANSFER OF MAINTENANCE SHALL BE COMPLETED BEFORE ANY WORK SHALL BEGIN.
- STAGE I
- USE THE EXISTING ROADWAY LIGHTS ALONG THE WEST SIDE OF CENTRAL AVENUE TO ILLUMINATE CENTRAL AVENUE DURING STAGE I.
 - REMOVE EXISTING ROADWAY LIGHTING UNITS ALONG THE EAST SIDE OF CENTRAL AVENUE.
 - DISCONNECT THE UNDERPASS LIGHTING SYSTEM FOR THE EAST SIDE OF THE BRIDGE AND REMOVE THE UNDERPASS LUMINAIRES. THE LUMINAIRES SHALL BE DELIVERED TO THE IDOT MAINTENANCE YARD AT CENTRAL AVENUE.
 - INSTALL THE PROPOSED ROADWAY LIGHTING ALONG THE EAST SIDE OF CENTRAL AVENUE.
 - CONNECT AND ENERGIZE PROPOSED CENTRAL AVENUE LIGHTING SYSTEM INSTALLED DURING STAGE I.
 - LIGHTING SYSTEM AND THE UNDERPASS LIGHTING INSTALLED DURING STAGE I SHALL BE INSPECTED, TESTED AND APPROVED BEFORE ANY REMOVAL WORK FOR STAGE II.
- STAGE II
- UTILIZE THE STREET AND UNDERPASS LIGHTING INSTALLED DURING STAGE I TO ILLUMINATE CENTRAL AVENUE DURING STAGE II.
 - REMOVE THE EXISTING LIGHTING UNITS ALONG THE WEST SIDE OF CENTRAL AVENUE.
 - INSTALL THE PROPOSED LIGHTING ALONG THE WEST SIDE OF CENTRAL AVENUE.
 - CONNECT AND ENERGIZE PROPOSED LIGHTING SYSTEM INSTALLED DURING STAGE II.
 - LIGHTING SYSTEM INSTALLED DURING STAGE II SHALL BE INSPECTED, TESTED AND APPROVED.
 - INSTALL ALL UNDERPASS LUMINAIRES AS SHOWN ON THE PLANS, AND ENERGIZE ALL UNDERPASS LUMINAIRES.
 - THE UNDERPASS LIGHTING SYSTEM SHALL BE INSPECTED, TESTED AND APPROVED BY IDOT.

SCHEDULE OF LIGHTING QUANTITIES

ITEM	UNIT	TOTAL QUANTITY
UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR, STAINLESS STEEL HOUSING	EACH	8
REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	8
LIGHTING FOUNDATION REMOVAL	EACH	3
DRILL EXISTING HANDHOLE	EACH	17
CONDUIT IN TRENCH, 75MM DIA., GALVANIZED STEEL	M	44
CONDUIT IN TRENCH, 50MM DIA., PVC	M	93
CONDUIT EMBEDDED IN STRUCTURE 50MM DIA., PVC	M	157
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 150MM X 150MM X 100MM	EACH	8
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 300MM X 250MM X 150MM	EACH	2
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 400MM X 350MM X 150MM	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	M	558
UNIT DUCT, WITH 3-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (EPR-TYPE RHW), 30MM DIA, POLYETHYLENE	M	81
CONDUIT ATTACHED TO STRUCTURE, 75MM DIA., GALVANIZED STEEL, PVC COATED	M	382
CONDUIT ATTACHED TO STRUCTURE, 25MM DIA., GALVANIZED STEEL, PVC COATED	M	98
ELECTRIC CABLE IN CONDUIT, 600V (EPRN TRIPLEXED), 2-1/C NO. 6, 1-1/C NO. 8 GROUND	M	453
ADJUST FRAME AND LID	EACH	4
PVC CONDUIT IN TRENCH, 50MM (SCHEDULE #80)	M	71
CONCRETE FOUNDATION, 600MM DIAMETER	M	10
REMOVAL OF ASBESTOS CEMENT CONDUIT	M	316
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	6
CLEANING EXISTING MANHOLE OR HANDHOLE	EACH	6
INTERCEPT EXISTING CONDUIT	EACH	3
** INSTALL LIGHT POLE, MAST ARM AND LUMINAIRE (MATERIAL PROVIDED BY THE CITY OF CHICAGO)	EACH	8
REMOVE EXISTING STREET LIGHTING EQUIPMENT	L SUM	1
ROD AND CLEAN DUCT IN AN EXISTING CONDUIT SYSTEM	M	95
PAINT EXISTING POLE COMPLETE	EACH	7

** 3 - 10.5M LIGHT POLES AND 6 - 9.9M LIGHT POLES WILL NEED TO BE INSTALLED WITH 3.5M MAST ARMS AND 480W LUMINAIRES AT THE LOCATIONS SHOWN ON THE PLANS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHTING GENERAL NOTES, LEGEND
AND SCHEDULE OF QUANTITIES

 **CHRISTIAN-ROGE & ASSOCIATES, INC.**
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
1-312-372-2023 FAX: 1-312-372-5274

SCALE: NONE
DATE: NOVEMBER 2007
DRAWN BY: K.R.K.
CHECKED BY: S.J.P.