

TEMPORARY LIGHTING GENERAL NOTES:

- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST IDOT STANDARDS, NATIONAL ELECTRICAL CODE AS WELL AS THE NATIONAL ELECTRICAL SAFETY CODE.
- COORDINATE THE INSTALLATION OF ROADWAY LIGHTING WITH THE CONSTRUCTION STAGING. SEE CONSTRUCTION NOTES. LIGHTING SEQUENCE OF CONSTRUCTION:
STAGE 1 - CONSTRUCTION OF NB CD ROAD BRIDGES -
 EXISTING NB AND SB POLES REMAIN IN SERVICE
 NB TEMPORARY LIGHTING PLAN INSTALLATION
WINTER SHUTDOWN - EXISTING NB AND SB POLES REMAIN IN PLACE
STAGE 2 - CONSTRUCTION OF NB I-57 BRIDGE -
 SB POLES REMAIN IN SERVICE
 NB TEMPORARY LIGHTING OPERATIONAL PER PLAN
 HMLT SYSTEM CONSTRUCTION
WINTER SHUTDOWN - PRIOR TO SHUTDOWN/ TRAFFIC SWITCH
 HMLT ENERGIZED
 NB TEMPORARY POLES REMOVED
 SB EXISTING AND TEMP POLES REMOVED
 NB NEW POLES INSTALLED AND ENERGIZED
 HMLT IN SERVICE DURING SHUTDOWN
STAGE 3 - HMLT IN SERVICE
- FOR POLE AND LUMINAIRE DETAILS, REFER TO ELECTRICAL PLANS AND SPECIFICATIONS.
- COORDINATE THE INSTALLATION OF ROADWAY LIGHTING AND UNDERGROUND WORK WITH THE OTHER TRADES.
- IT IS CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION. CONTACT J.U.L.I.E. PRIOR TO THE START OF ANY EXCAVATION WORK.
- MATERIAL QUANTITIES ARE APPROXIMATIONS ONLY. IT IS CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL QUANTITIES PRIOR TO ORDERING MATERIAL.
- A STAGING SCHEDULE FOR MATERIAL INSTALLATION, REMOVAL AND APPROXIMATE DATE OF PROPOSED ENERGIZING OF PERMANENT LIGHTING SHALL BE SUBMITTED PRIOR TO THE COMMENCEMENT OF WORK TO ASSURE COORDINATION WITH THE WORK SCHEDULE.
- ALL PROPOSED LIGHT POLE FOUNDATIONS, LIGHT FIXTURES, UNIT DUCT, AND CONDUIT SHALL BE INSTALLED AS SHOWN ON THE PLANS. THE EXACT LOCATION IS TO BE CONFIRMED IN THE FIELD BY THE RESIDENT ENGINEER.
- CIRCUIT NUMBERING AND DESIGNATIONS SHOWN ON THE PLANS ARE FROM EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY CIRCUIT NUMBERING, CABLE ROUTING AND POWER SOURCES DURING CONSTRUCTION.
- LIGHTING CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE TRAFFIC SURVEILLANCE CONTRACTOR.
- ALL LIGHTING UNITS ALONG I-57 ARE UNDER IDOT JURISDICTION AND SHALL FOLLOW IDOT STANDARDS, DETAILS, AND SPECIFICATIONS. ALL LIGHTING UNITS ALONG I-294 ARE UNDER TOLLWAY JURISDICTION AND SHALL FOLLOW TOLLWAY STANDARDS, SPECIFICATIONS, AND DETAILS AS SHOWN IN THE PLANS.

SUMMARY OF TEMPORARY AND ILLINOIS TOLLWAY LIGHTING QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
ELECTRICAL/LIGHTING QUANTITIES ALONG I-57 (IDOT JURISDICTION)			
81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	2682
83057595	LIGHT POLE, WOOD, 100 FOOT, CLASS 4 WITH 15FT MAST ARM	EACH	8
84200500	REMOVAL OF LIGHT UNIT, SALVAGE	EACH	12
84200806	REMOVAL OF POLE FOUNDATION, CONCRETE	EACH	12
X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	26
X8210015	TEMPORARY LUMINAIRE, HIGH PRESSURE, SODIUM VAPOR, 400 WATT	EACH	8
ELECTRICAL/LIGHTING QUANTITIES ALONG I-294 (TOLLWAY JURISDICTION)			
81200270	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	284
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	14
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	1
81702110	ELECTRICAL CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.10	FOOT	2360
81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	499
82107300	UNDERPASS LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	2
84200806	REMOVAL OF POLE FOUNDATION, CONCRETE	EACH	1
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1
	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	420
	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	20
	LIGHT POLE FOUNDATION (ROADWAY) MEDIAN, TYPE 1	EACH	1
	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 20" X 12" X 8"	EACH	2
X0323651	UNIT DUCT, 600V, 4-1C NO.2, 1/C NO.8 GROUND, (XLP-TYPE USE) 2" DIA., POLYETHYLENE	FOOT	284
	REMOVE AND REINSTALL EXISTING LIGHTING UNIT	EACH	12

LEGEND:

IDOT ITEMS (I-57)

- EXISTING ROADWAY LIGHTING UNIT TO REMAIN
- EXISTING ROADWAY LIGHTING UNIT AND FOUNDATION TO BE REMOVED, SHOWN ON EXISTING PLANS
- TEMPORARY ROADWAY LIGHTING UNIT 750 WATT ON WOOD POLE CLASS 4, 70' MOUNTING HEIGHT WITH 15' MAST ARM. SHOWN ON PROPOSED PLANS
- PROPOSED AERIAL CABLE, SIZE AS NOTED
- RGS RIGID GALVANIZED STEEL
- ATS CONDUIT ATTACHED TO STRUCTURE
- EIS CONDUIT EMBEDDED IN STRUCTURE
- UD UNIT DUCT, SIZE AS SHOWN
- EOP EDGE OF TRAVELLED PAVEMENT
- O/S OFFSET
- SS STAINLESS STEEL
- (E) EXISTING

TOLLWAY ITEMS (I-294 & UNDERPASS)

- EXISTING TOLLWAY MEDIAN LIGHTING UNIT TO REMAIN
- EXISTING TOLLWAY MEDIAN LIGHTING UNIT TO BE RELOCATED SHOWN ON EXISTING PLANS
- EXISTING TOLLWAY MEDIAN LIGHTING UNIT TO BE RELOCATED SHOWN ON PROPOSED PLANS
- — — — — EXISTING CONDUIT EMBEDDED IN STRUCTURE
- ==== PROPOSED CONDUIT OF THE TYPE AND SIZE SPECIFIED
- A — PROPOSED AERIAL CABLE WITH MESSINGER WIRE
- PROPOSED JUNCTION BOX
- PROPOSED 150W HPS UNDERPASS LUMINAIRE
- EXISTING 150W HPS UNDERPASS LUMINAIRE
- PROPOSED MEDIAN BARRIER WALL EMBEDDED JUNCTION BOX
- EXISTING MEDIAN BARRIER WALL EMBEDDED JUNCTION BOX

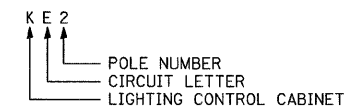
IDOT DISTRICT 1 STANDARDS

- BE-800: TEMPORARY LIGHT POLE DETAIL
- BE-801: TEMPORARY AERIAL CABLE INSTALLATION
- BE-702: MISC. ELECTRICAL DETAILS - SHEET A

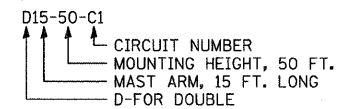
TOLLWAY STANDARDS

- STANDARD H2-00: LIGHT STANDARD POLE WIRING
- STANDARD H8-00: MEDIAN BARRIER LIGHT POLE FOUNDATION DETAILS - TYPE I CENTERED CASSION, 42" BARRIER

IDOT LIGHT POLE DESIGNATION:



TOLLWAY LIGHT POLE DESIGNATION:



SHEET E1

TYLIN INTERNATIONAL	USER NAME =	DESIGNED - JDF	REVISED - 4/29/2010
	PLOT SCALE =	DRAWN - CAC	REVISED ADDENDUM 1 05/24/10
	PLOT DATE =	CHECKED - DAJ	REVISED -
		DATE - 3/18/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-57 AT I-294 INTERCHANGE PROJECT
LIGHTING GENERAL NOTES, LEGEND, AND QUANTITIES**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1414.2B	COOK	516	201
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60J27	

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