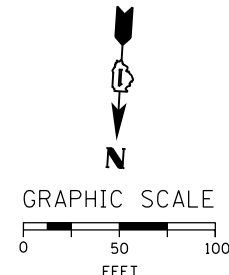


NOTES:

1. SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS.
2. EXISTING LIGHT TOWER ZCD1 SHALL NOT BE REMOVED UNTIL THE PROPOSED LIGHT TOWER ZCD1 AND THE NEW LIGHTING CIRCUITS TO ADJACENT EXISTING TO REMAIN LIGHT TOWERS, SHOWN ON DRAWING E-09, HAVE BEEN INSTALLED, ENERGIZED, TESTED AND APPROVED BY IDOT. THIS WORK SHALL BE STAGED AND COORDINATED SUCH THAT ONE OF THESE TWO LIGHT TOWERS SHALL BE OPERATIONAL DURING NIGHTTIME HOURS. THE CONTRACTOR SHALL PROVIDE A TEMPORARY LIGHTING SYSTEM, IF NEEDED, TO STAGE THIS WORK AT NO ADDITIONAL COST TO THE CONTRACT. IF A TEMPORARY LIGHTING SYSTEM IS NEEDED, IT SHALL BE DESIGNED BY THE CONTRACTOR AND SUBMITTED TO IDOT FOR APPROVAL PRIOR TO BEGINNING ANY LIGHT TOWER REMOVAL WORK. THE TEMPORARY LIGHTING SYSTEM SHALL BE DESIGNED TO MATCH OR EXCEED THE EXISTING ILLUMINATION LEVELS PROVIDED BY THE EXISTING IDOT LIGHTING SYSTEM. IF REQUESTED, THE CONTRACTOR SHALL PROVIDE PHOTOMETRIC CALCULATIONS FOR THE TEMPORARY LIGHTING SYSTEM FOR IDOT'S REVIEW AND APPROVAL.
3. EXISTING LIGHTING UNIT GB11 SHALL NOT BE REMOVED AND ASSOCIATED LIGHTING CIRCUITS 'GA' AND 'GB' SHALL NOT BE DE-ENERGIZED UNTIL THE TEMPORARY LIGHTING UNIT AND NEW LIGHTING CIRCUIT FOR THIS TEMPORARY LIGHTING UNIT SHOWN ON DRAWING E-10 ARE INSTALLED, ENERGIZED, TESTED AND APPROVED BY IDOT.
4. LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT SHOWN ON THIS DRAWING ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
5. EXISTING LIGHT TOWER GA11 TO BE REMOVED PRIOR TO THE RETAINING WALL WORK IN THIS AREA.
6. THE PROPOSED TEMPORARY LIGHTING SYSTEM ALONG WB I-290 MUST BE INSTALLED AND OPERATIONAL PRIOR TO REMOVING EXISTING LIGHT TOWER GA11.
7. THE TEMPORARY LIGHTING SYSTEM INCLUDING WOOD POLES, MAST ARMS, LUMINAIRES AND AERIAL CABLES SHALL BE REMOVED AFTER PROPOSED LIGHT TOWER GA11 HAS BEEN INSTALLED, ENERGIZED, TESTED AND APPROVED BY IDOT. SEE DRAWING E-10.
8. INSTALL THE TEMPORARY LIGHTING UNITS IN GRADE DIRECTLY BEHIND THE MEDIAN BARRIER WALL.
9. TEMPORARY AERIAL CABLES SHALL BE 2-1/C NO. 2 WITH MESSENGER WIRE.
10. PROVIDE A PHOTOCCELL ON EACH OF THE FOUR TEMPORARY LIGHTING UNITS INSTALLED BEHIND THE MEDIAN WALL. THE COST OF PROVIDING THE PHOTOCCELLS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE "LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT" PAY ITEM.
11. PROVIDE A TEMPORARY LIGHTING FEED FROM THE POWER PANEL LOCATED IN THE EXISTING IDOT COMMUNICATIONS HUT TO THE TEMPORARY LIGHTING UNITS AS SHOWN ON THE PLAN. PROVIDE A 2-POLE 30 AMP CIRCUIT BREAKER IN THE EXISTING POWER PANEL. THE TEMPORARY LIGHTING FEED SHALL BE 240 VOLTS AND CONSIST OF 2-1/C NO. 2 AND 1-1/C NO. 4 GROUND (XLP-TYPE USE) CABLES IN A 1 1/4 INCH UNIT DUCT. THE CABLES SHALL BE CONNECTED TO THE NEW CIRCUIT BREAKER WITHIN THE POWER PANEL, ROUTED OUT OF THE PANEL ONTO THE CABLE TRAY AND THEN INSTALLED THROUGH THE EXISTING CONDUITS IN THE FLOOR TO THE EXISTING HANDHOLE LOCATED OUTSIDE THE HUT. THE UNIT DUCT SHALL BE ROUTED FROM THE HANDHOLE SOUTHWARD UNDER WB I-290 TO AN EXISTING HANDHOLE LOCATED IN THE GRASS MEDIAN BETWEEN EB AND WB I-290. THE UNIT DUCT SHALL THEN BE ROUTED FROM THE MEDIAN HANDHOLE WESTWARD IN GRADE TO THE CTA WALL AND ROUTED DOWN THE FACE OF THE WALL INTO GRADE. THE UNIT DUCT SHALL BE INSTALLED IN GRADE WEST ALONG THE WB I-290 MEDIAN BARRIER WALL TO THE TEMPORARY LIGHTING UNITS AS SHOWN ON THE PLANS. THIS WORK SHALL BE COORDINATED WITH THE CONTRACT 60W26 BRIDGE PIER WORK. THE UNIT DUCT SHALL BE INSTALLED IN A LOCATION SUCH THAT THE CONSTRUCTION OF THE NEW HALSTED STREET BRIDGE PIER WILL NOT INTERFERE WITH OR DAMAGE THE TEMPORARY LIGHTING FEED. ANY DAMAGE TO THIS TEMPORARY FEED SHALL BE REPLACED AT NO ADDITIONAL COST TO THE CONTRACT. THE COST TO PROVIDE THE CIRCUIT BREAKER IN THE EXISTING POWER PANEL, CONNECT THE CABLES TO THE NEW CIRCUIT BREAKER, ROUTE THE CABLES FROM THE PANEL OUT OF THE HUT AND INTO THE EXISTING HANDHOLE WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE "UNIT DUCT, 600V, 2-1/C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE" PAY ITEM.



E-05

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D160W26-sht-Light-05
 USER NAME = myersc
 PLOT SCALE = 50.0000' / 1" IN.
 PLOT DATE = 4/24/2014

DESIGNED - WDS	REVISED -
DRAWN - CAM	REVISED -
CHECKED - WDS	REVISED -
DATE - 04/28/14	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RAMP NORTHWEST
 EXISTING/TEMPORARY LIGHTING PLANS**
 SCALE: 1"=50'
 SHEET 5 OF 17 SHEETS
 STA. 1832+50 TO STA. 1841+00

F.A.I. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 295
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				