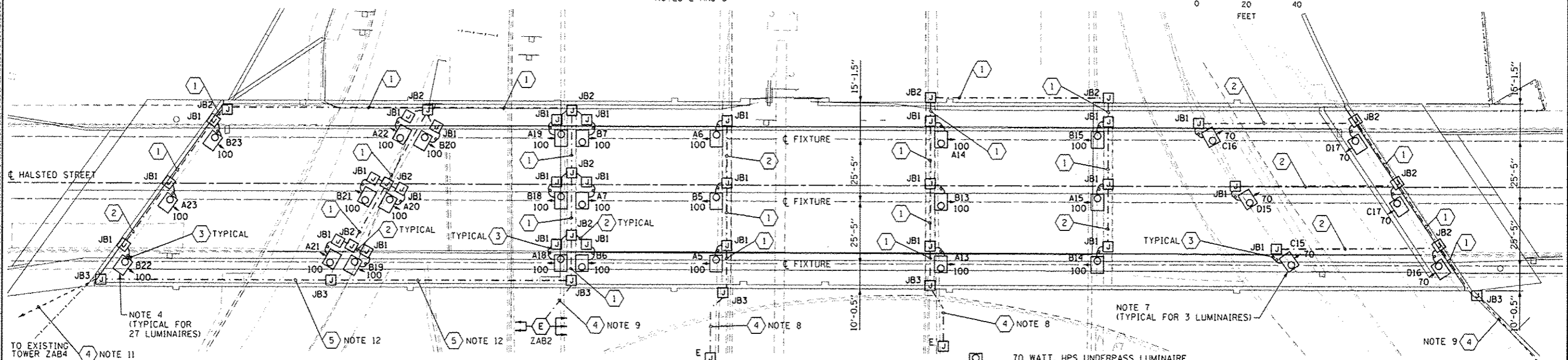
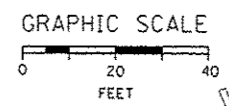


**EXISTING UNDERPASS LIGHTING PLAN**  
NOTES 2 AND 3



**NOTES:**

- SEE DRAWING E-01 FOR IDOT ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT SHOWN ON THIS DRAWING ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- THE REMOVAL OF EXISTING UNDERPASS LUMINAIRES MUST INCLUDE THE REMOVAL OF ALL CABLES, CONDUIT, JUNCTION BOXES, AND HARDWARE ASSOCIATED WITH THE EXISTING UNDERPASS LIGHTING. COST FOR THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED AS PART OF THE "REMOVAL OF LIGHTING UNIT, SALVAGE" PAY ITEM.
- SEE IDOT STANDARD DRAWING BE-902 FOR ADDITIONAL INSTALLATION DETAILS FOR PROPOSED PIER/ABUTMENT WALL MOUNTED UNDERPASS LUMINAIRES.
- SEE IDOT STANDARD DRAWING BE-900 FOR ADDITIONAL INSTALLATION DETAILS FOR PROPOSED SUSPENDED MOUNT UNDERPASS LUMINAIRES.
- ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING WILL BE FED FROM EXISTING IDOT LIGHTING CONTROLLER "Z".
- SUSPENDED MOUNT UNDERPASS LUMINAIRES SETBACK FROM THE EDGE OF PAVEMENT SHALL BE 2 FEET.
- ROUTE NEW CABLES IN UNIT DUCT FROM THE PROPOSED JUNCTION BOX ON HALSTED ST. BRIDGE TO THE EXISTING LIGHTING CIRCUITS LOCATED IN THE EXISTING JUNCTION BOX ATTACHED TO THE RAMP STRUCTURE PIER. ATTACH THE NEW UNIT DUCT TO THE BACKSIDE OF THE MEDIAN BARRIER WALL.

**PROPOSED UNDERPASS LIGHTING PLAN**

- ROUTE NEW CABLES IN UNIT DUCT FROM PROPOSED JUNCTION BOX ON HALSTED ST. BRIDGE TO THE EXISTING LIGHTING CIRCUITS LOCATED IN THE EXISTING LIGHT TOWER TO PROVIDE A TEMPORARY POWER CONNECTION FOR THE UNDERPASS LIGHTING SYSTEM AS SHOWN.
- PROVIDE A TEMPORARY POWER CONNECTION FOR THE UNDERPASS LIGHTING SYSTEM FROM EXISTING LIGHT TOWER ZC02. ALLOW 200 FEET OF CABLES IN UNIT DUCT FOR BIDDING PURPOSES.
- ROUTE NEW CABLES IN UNIT DUCT FROM PROPOSED JUNCTION BOX ON HALSTED ST. BRIDGE TO THE EXISTING LIGHTING CIRCUITS LOCATED IN THE LIGHT TOWER ZAB4 TO PROVIDE A TEMPORARY POWER CONNECTION AS SHOWN. SEE DRAWING E-04 FOR CONTINUATION.
- TEMPORARY ROADWAY LIGHTING POWER FEED FROM TOWER ZAB2 TO TOWER ZAB4.

70 WATT, HPS UNDERPASS LUMINAIRE WITH TYPE 3 DISTRIBUTION

100 WATT, HPS UNDERPASS LUMINAIRE WITH TYPE 4 DISTRIBUTION

JUNCTION BOX SCHEDULE		
NO.	SIZE	DESCRIPTION
JB1	6"X6"X4"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING
JB2	12"X10"X6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING
JB3	18"X18"X8"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING

CABLE / CONDUIT SCHEDULE	
1	3-1/2"X10, 1-1/2"X10 GND IN 1" DIA PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
2	2-1/2"X10, 1-1/2"X10 GND IN 1" DIA PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
3	2-1/2"X10, 1-1/2"X10 GND IN 1" DIA LIQUID TIGHT FLEXIBLE CONDUIT (CKTS AS INDICATED ON THIS DRAWING)
4	3-1/2"X2, 1-1/2"X4 GND XLP TYPE USE CABLES IN A 1 1/2" DIA. PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
5	3-1/2"X2, 1-1/2"X4 GND XLP TYPE USE CABLES IN A 3" DIA. PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)



0160W26-shs-light-05  
USER NAME: myerko  
PLOT SCALE: 1/8"=1'-0"  
PLOT DATE: 10/24/2013

DESIGNED - WDS  
DRAWN - CAM  
CHECKED - WDS  
DATE - 9/15/13

REVISED - 10/24/13  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HALSTED STREET UNDERPASS LIGHTING PLAN  
SCALE: 1"=20' SHEET 5 OF 22 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-008R	COUNTY COOK	TOTAL SHEETS 559	SHEET NO. 228
CONTRACT NO. 60W26				

E-05