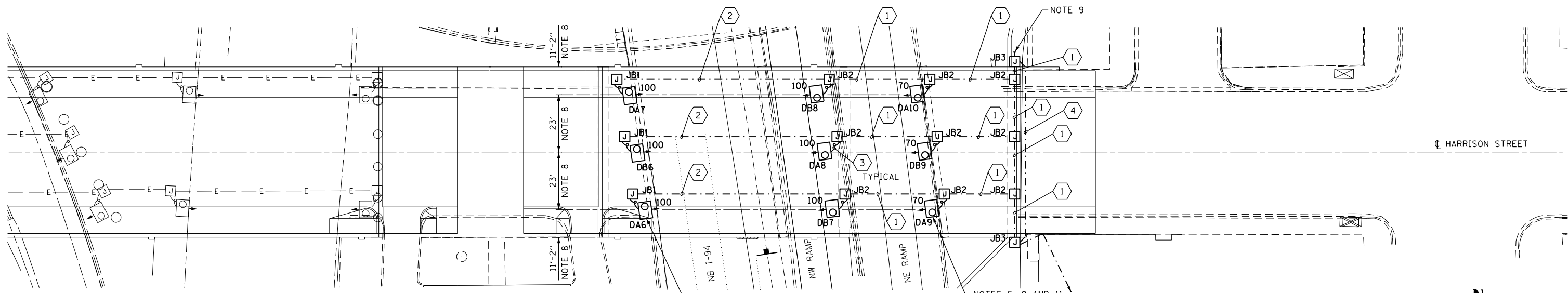


EXISTING UNDERPASS LIGHTING PLAN

NOTE 2



PROPOSED UNDERPASS LIGHTING PLAN

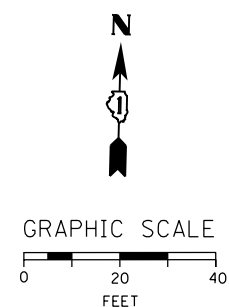
NOTES:

- 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.
- PROPOSED PIER/ABUTMENT WALL MOUNTED UNDERPASS LUMINAIRES. SEE IDOT STANDARD DRAWING BE-902 FOR PIER/ABUTMENT MOUNTED UNDERPASS LUMINAIRE INSTALLATION DETAILS.
- PROPOSED SUSPENDED MOUNT UNDERPASS LUMINAIRES. SEE IDOT STANDARD DRAWING BE-900 FOR ADDITIONAL INSTALLATION DETAILS.
- PROVIDE A TEMPORARY POWER CONNECTION FOR THE UNDERPASS LIGHTING SYSTEM FROM EXISTING LIGHT TOWER D-AB-2. ALLOW 200 FEET OF CABLES IN UNIT DUCT FROM THE JUNCTION BOX TO THE EXISTING LIGHT TOWER FOR BIDDING PURPOSES. SEE SHEET E-03 FOR LOCATION OF THE EXISTING LIGHT TOWER.
- SUSPENDED MOUNT UNDERPASS LUMINAIRE SETBACK FROM THE EDGE OF PAVEMENT SHALL BE 2 FEET, UNLESS NOTED OTHERWISE.
- DIMENSIONS SHOWN ARE APPROXIMATE, THE CONTRACTOR SHALL CENTER THE SUSPENDED MOUNT LUMINAIRES BETWEEN THE BRIDGE GIRDERS.
- STUB AND CAP 3" DIAMETER RIGID STEEL PVC COATED (PVCC) CONDUIT FOR FUTURE USE. SEE IDOT STANDARD DRAWING BE-902 FOR CONDUIT INSTALLATION DETAILS.
- ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING WILL BE FED FROM IDOT LIGHTING CONTROLLER "D".
- SUSPENDED MOUNT UNDERPASS LUMINAIRE SETBACK FROM THE EDGE OF PAVEMENT SHALL BE 5 FEET, UNLESS NOTED OTHERWISE.

- 70 WATT, HPS UNDERPASS LUMINAIRE WITH TYPE 4 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"X6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING

CABLE / CONDUIT SCHEDULE	
NO.	DESCRIPTION
1	3-1/C*10, 1-1/C*10 GND IN 1" DIA PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
2	2-1/C*10, 1-1/C*10 GND IN 1" DIA PVCC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
3	2-1/C*10, 1-1/C*10 GND IN 1" DIA LIQUID TIGHT FLEXIBLE CONDUIT (CKTS AS INDICATED ON THIS DRAWING)
4	3" DIA PVCC RGC ATTACHED TO STRUCTURE (EMPTY) FOR FUTURE USE



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D160W71-sht-Light-04
 USER NAME = myersc
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 12/18/2013

DESIGNED - WDS
 DRAWN - CAM
 CHECKED - WDS
 DATE - 12/20/13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HARRISON STREET UNDERPASS LIGHTING PLAN

SCALE: 1"=20' SHEET 4 OF 19 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2013-036R	COUNTY COOK	TOTAL SHEETS 256	SHEET NO. 76
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				

E-04