

- NOTES:**
- SEE DRAWING E-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
 - ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING WILL BE FED FROM LIGHT POLE LL11. SEE DRAWING E-15 FOR SINGLE LINE DIAGRAM OF LIGHTING CONTROLLER "LL."
 - PROVIDE 30A FUSES WITH DISCONNECT TYPE FUSE HOLDERS FOR PHASE WIRES AT MAIN JUNCTION BOX. THE COST OF THIS WORK IS INCLUDED IN THE PRICE OF THE JUNCTION BOX.
 - LIQUID TIGHT FLEXIBLE CONDUIT BETWEEN EACH UNDERPASS LUMINAIRE AND THE ADJACENT JUNCTION BOX IS INCLUDED IN THE COST OF THE UNDERPASS LUMINAIRE.
 - SEE SHEET E-29 FOR INSTALLATION DETAILS.
 - ALL UNDERPASS LUMINAIRES AT THIS LOCATION SHALL BE 100 WATT, TYPE IV.
 - PROPOSED UNDERPASS LUMINAIRES SHALL BE INSTALLED AT A 2 FT SETBACK FROM THE EDGE OF TRAVELED WAY.

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	16"x14"x6"	STAINLESS STEEL, ATTACHED TO STRUCTURE, UNDERPASS LIGHTING

CABLE /CONDUIT SCHEDULE	
①	2-1/C*10, 1-1/C*10 GND IN 1" DIA PVC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
②	3-1/C*10, 1-1/C*10 GND IN 1" DIA PVC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
③	2-1/C*10, 1-1/C*10 GND IN 3/4" DIA LIQUID TIGHT FLEXIBLE CONDUIT (CKTS AS INDICATED ON THIS DRAWING)

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WETLAND BOUNDARY WL-10
ARTIFICIAL WETLAND (DETERMINED)

CKTS: LLI & LLJ
3-1/C*4, 1/C*6 GND,
1/4" DIA. UNIT DUCT

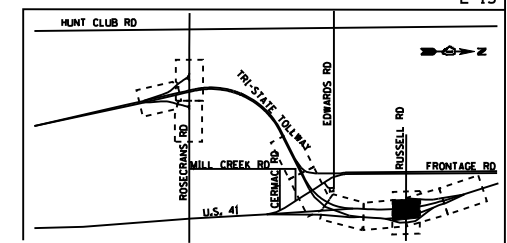
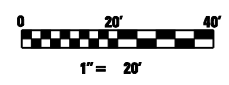
UNIT DUCT CONTINUES TO POLE LL11

WETLAND BOUNDARY WL-6

SEE NOTE 3

35' (TYP.)

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FILE NAME	USER NAME : rsonson	DESIGNED - RAS	REVISED -
		DRAWN - BHH	REVISED -
		CHECKED - MKR	REVISED -
		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-94 AT RUSSELL ROAD
IDOT UNDERPASS LIGHTING PLAN**

SCALE: 1"=20' SHEET NO. 13 OF 53 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	373
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

E-13