

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	976	382
STA. -		TO STA. -		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

62583

**NOTES:**

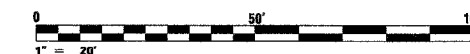
- SEE DRAWINGS ME-01 AND ME-02 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
- LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT SHOWN ON THIS DRAWING ARE APPROXIMATIONS AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- THE REMOVAL OF EXISTING UNDERPASS LUMINAIRES MUST INCLUDE THE REMOVAL OF ALL CABLES, CONDUIT, 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 "REMOVE EXISTING UNDERPASS LUMINAIRE, AND SALVAGE" PAY ITEM.
- ALL PROPOSED UNDERPASS LUMINAIRES SHOWN ON THIS DRAWING MUST BE PIER OR ABUTMENT WALL MOUNTED. SEE DRAWING ME-07 FOR PIER/ABUTMENT WALL MOUNTED UNDERPASS LIGHTING DETAILS.
- SPLICE NEW UNDERPASS LIGHTING CIRCUIT CABLES TO THE SERVICE FEED CABLES LOCATED IN THE JUNCTION BOX. SEE DRAWING RLO5-28 AND RLO5-29 FOR CONTINUATION OF UNDERPASS LIGHTING CIRCUIT FEEDS.
- ALL PROPOSED UNDERPASS LIGHTING UNITS SHOWN ON THIS DRAWING WILL BE FED FROM IDOT LIGHTING CONTROLLER "S". SEE DRAWING SLO8-07 FOR SINGLE LINE DIAGRAM OF LIGHTING CONTROLLER "S".
- CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF THE EXISTING LIGHTING SYSTEM SHOWN ON THIS DRAWING. THE EXISTING ELECTRICAL POWER FEEDS MAY NOT BE REMOVED UNTIL SUCH TIME AS THE PROPOSED POWER FEEDS ARE INSTALLED. PROVIDE TEMPORARY POWER AS REQUIRED TO MAINTAIN THE EXISTING LIGHTING SYSTEM.
- COORDINATE ALL ELECTRICAL WORK WITH CIVIL WORK, IDOT CONTRACT NUMBER 62733, CONSTRUCTION STAGING AND TRAFFIC CONTROL OVERVIEW PLANS.

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

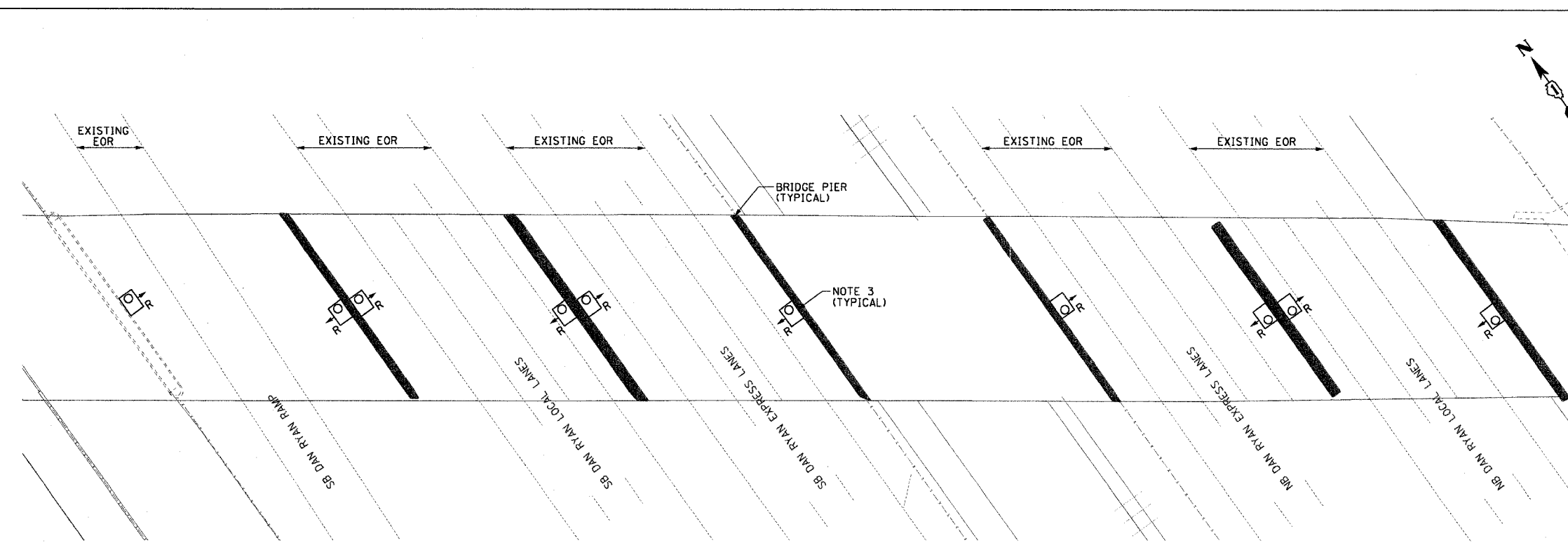
CABLE / CONDUIT SCHEDULE	
1	3-1/C#10, 1-1/C#10 GND IN 1" DIA PVC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
2	2-1/C#10, 1-1/C#10 GND IN 1" DIA PVC RGC ATTACHED TO STRUCTURE (CKTS AS INDICATED ON THIS DRAWING)
3	2-1/C#10, 1-1/C#10 GND IN 1" DIA LIQUID TIGHT FLEXIBLE CONDUIT (CKTS AS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

**SEQUENCE OF WORK (NOTE 8):**

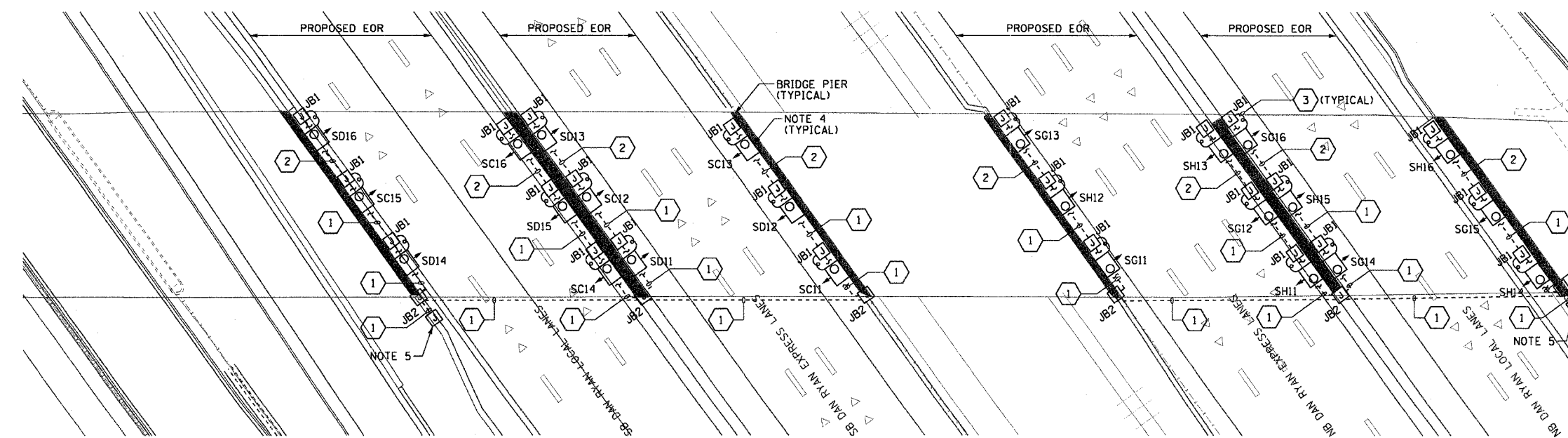
- 2005: INSTALL PRIMARY POWER FEEDS AS SHOWN ON RLO5-28 AND RLO5-29 AND CONNECT EXISTING CIRCUITS TO NEW CIRCUITS (NOTE 7)
- 2006: REPLACE UNDERPASS LIGHTING IN EXPRESS LANES
- 2007: REPLACE UNDERPASS LIGHTING IN LOCAL LANES



UL-26



**EXISTING UNDERPASS LIGHTING PLAN**  
(SEE NOTES 2 AND 7)



**PROPOSED UNDERPASS LIGHTING PLAN**  
(SEE NOTE 6)

**CTE ENGINEERS**  
CONSER TOWNSEND ENVIRONMENTAL ENGINEERS, INC.  
303 EAST WACKER DRIVE, SUITE 600  
CHICAGO, ILLINOIS 60601-5212, PHONE: (312) 938-0300

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
31st STREET TO I-57

**UNDERPASS LIGHTING PLANS**  
P.F.T.W. & C. R.R.

SCALE: 1"=20'  
DATE: October 29, 2004

DRAWN BY: HAR  
CHECKED BY: WDS

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