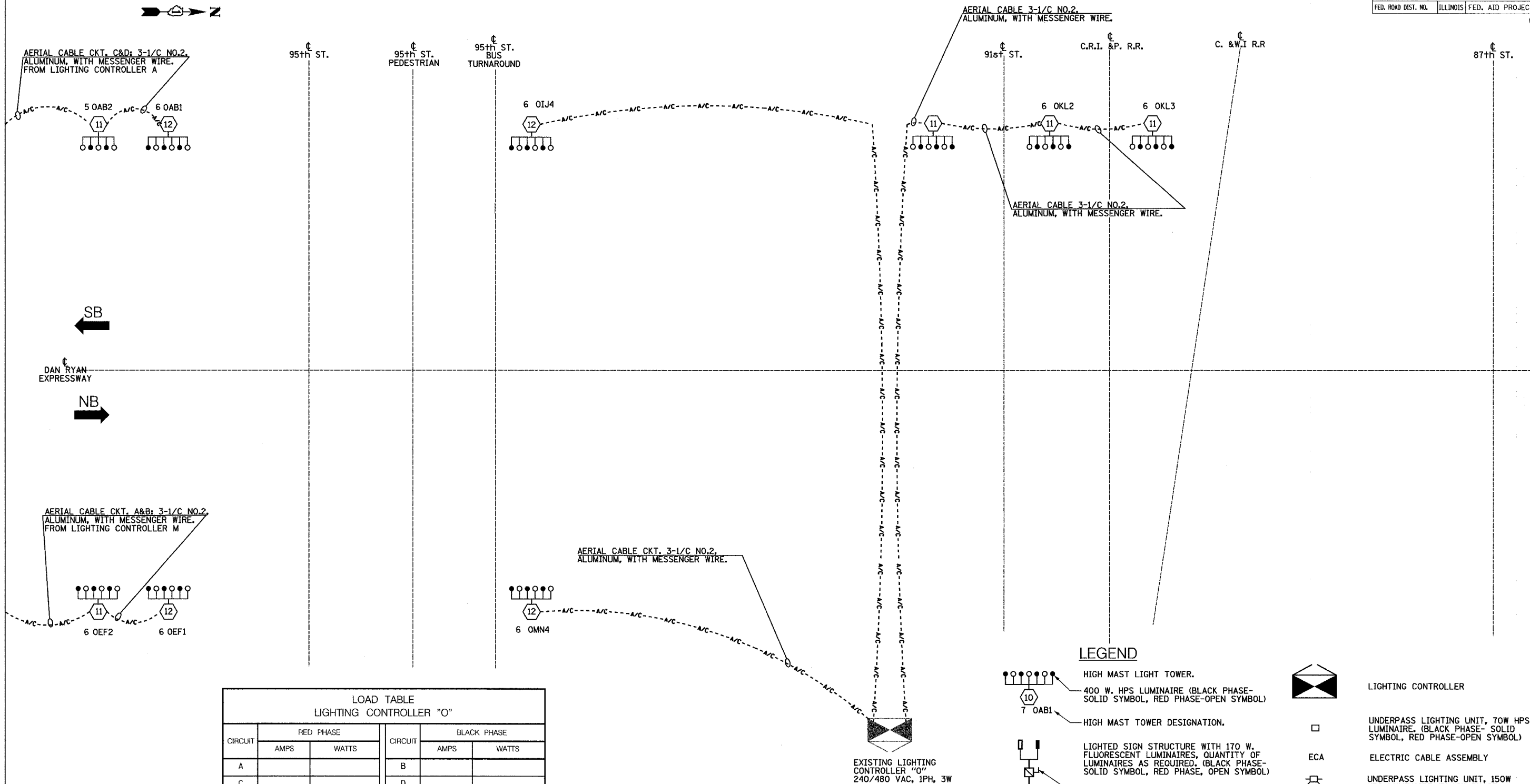


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	976	307
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		62583		



LOAD TABLE
LIGHTING CONTROLLER "O"

CIRCUIT	RED PHASE		BLACK PHASE	
	AMPS	WATTS	AMPS	WATTS
A			B	
C			D	
E			F	
G			H	
I	6	1440	J	6 1440
K			L	6 1440
M	6	1440	N	
O			P	
TOTAL	12	2880	TOTAL	12 2880

- LEGEND**
- HIGH MAST LIGHT TOWER.
 - 400 W. HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
 - HIGH MAST TOWER DESIGNATION.
 - LIGHTED SIGN STRUCTURE WITH 170 W. FLUORESCENT LUMINAIRES, QUANTITY OF LUMINAIRES AS REQUIRED. (BLACK PHASE-SOLID SYMBOL, RED PHASE, OPEN SYMBOL)
 - 3 POLE SAFETY SWITCH
 - ELECTRIC UTILITY SERVICE
 - GROUND ROD
 - LIGHTING CONTROLLER
 - UNDERPASS LIGHTING UNIT, 70W HPS LUMINAIRE, (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
 - ECA ELECTRIC CABLE ASSEMBLY
 - UNDERPASS LIGHTING UNIT, 150W HPS LUMINAIRE (BLACK PHASE SOLID SYMBOL, RED PHASE OPEN SYMBOL)

**SINGLE LINE DIAGRAM
EXISTING LIGHTING CONTROLLER "O"**

NOTES:
1. SEE DRAWING ME-12 FOR WIRING DIAGRAM DETAILS.

REVISIONS	
NAME	DATE

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

**SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "O"
PROPOSED IMPROVEMENTS 2005**

SCALE: NOT TO SCALE
DATE: OCTOBER 29, 2004

DRAWN BY: YJ
CHECKED BY: TM

SINGH 300 W. ADAMS ST.
CHICAGO, IL 60606
SINGH & ASSOCIATES, INC. TEL: (312) 629-0240
CONSULTING ENGINEERS FAX: (312) 629-8448

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