

F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-0311	COOK	976	329
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

LEGEND:

- HIGH MAST LIGHT TOWER
- 400W. HPS LUMINAIRE (BLACK PHASE- SOLID SYMBOLS, RED PHASE-OPEN SYMBOL)
- TVCD1 HIGH MAST TOWER DESIGNATION
- LIGHTING CONTROLLER
- GROUND FIELD
- ELECTRIC UTILITY SERVICE
- UNIT DUCT, 3-1/2 #2 WITH 1/2 #4 GROUND, 1/4"
- LIGHTED SIGN STRUCTURE WITH 170 W. FLUORESCENT LUMINAIRES. QUANTITY OF LUMINAIRES AS REQUIRED. (BLACK PHASE- SOLID SYMBOLS, RED PHASE, OPEN SYMBOL)
- 3 POLE SAFETY SWITCH
- UNDERPASS LIGHTING UNIT, 55W HPS LUMINAIRE. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- UNDERPASS LIGHTING UNIT, 70W HPS LUMINAIRE. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- CONVENTIONAL LIGHTING UNIT, 310 WATT HPS LUMINAIRE.
- CONVENTIONAL LIGHTING UNIT, 2-310 WATT HPS LUMINAIRE.
- AERIAL CABLE, 3#3/0 WITH MESSENGER CABLE

CIRCUIT	RED PHASE		BLACK PHASE	
	AMPS	WATTS	CIRCUIT	WATTS
A	17.90	3590	B	3420
C	18.80	3890	D	3890
E	29.30	5830	F	5430
G	12.90	2680	H	2680
I	16.60	3440	J	3440
K	3.15	495	L	495
M	12.45	2535	N	2535
O	14.05	2875	P	2905
TOTAL	125.15A	25,335	TOTAL	122.45A 24,795

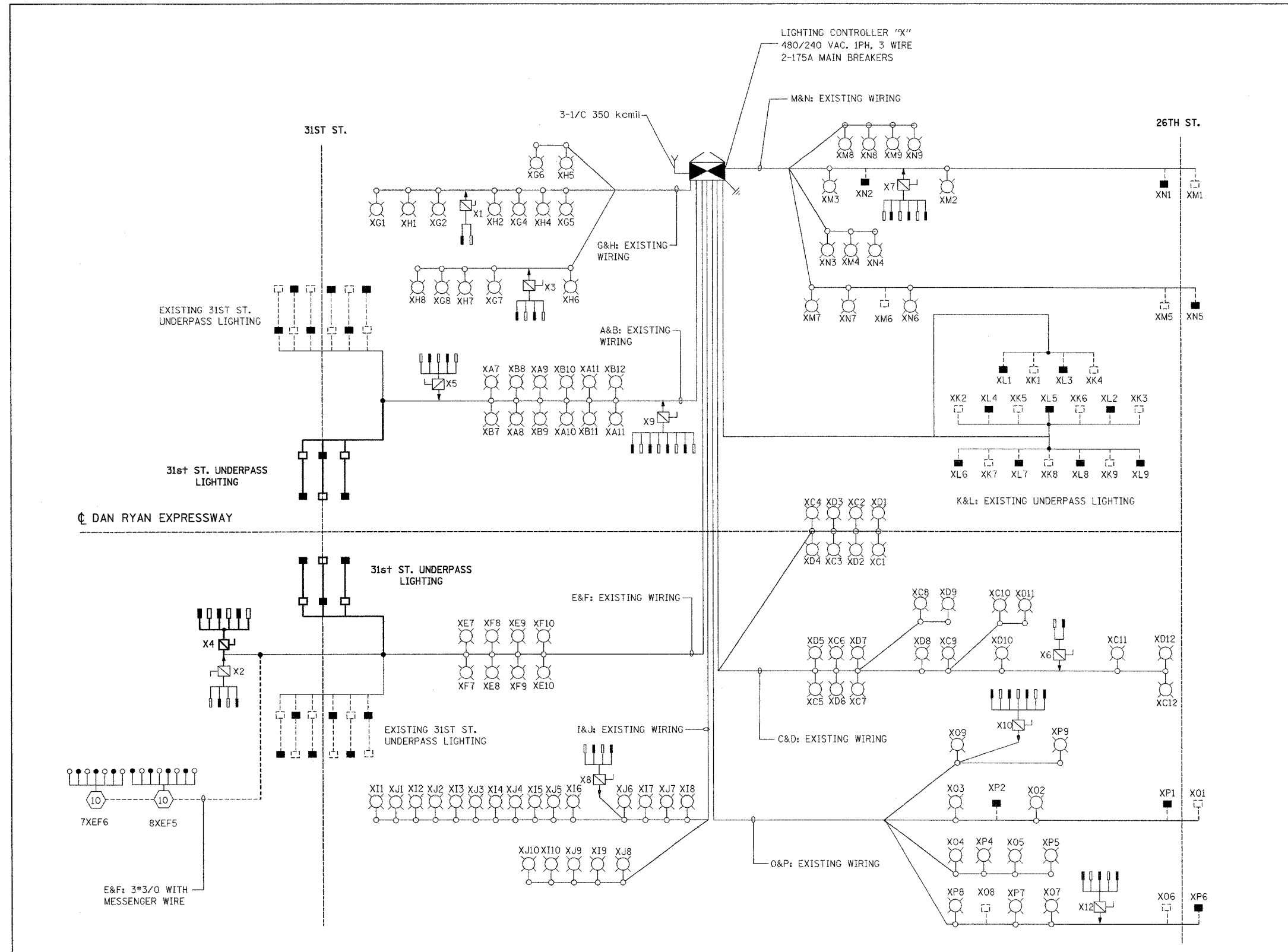
SL06-13

REVISIONS	
NAME	DATE

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

SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "X"
PROPOSED IMPROVEMENTS 2006

SCALE: NONE DRAWN BY: BL
DATE: OCTOBER 29, 2004 CHECKED BY: SM



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