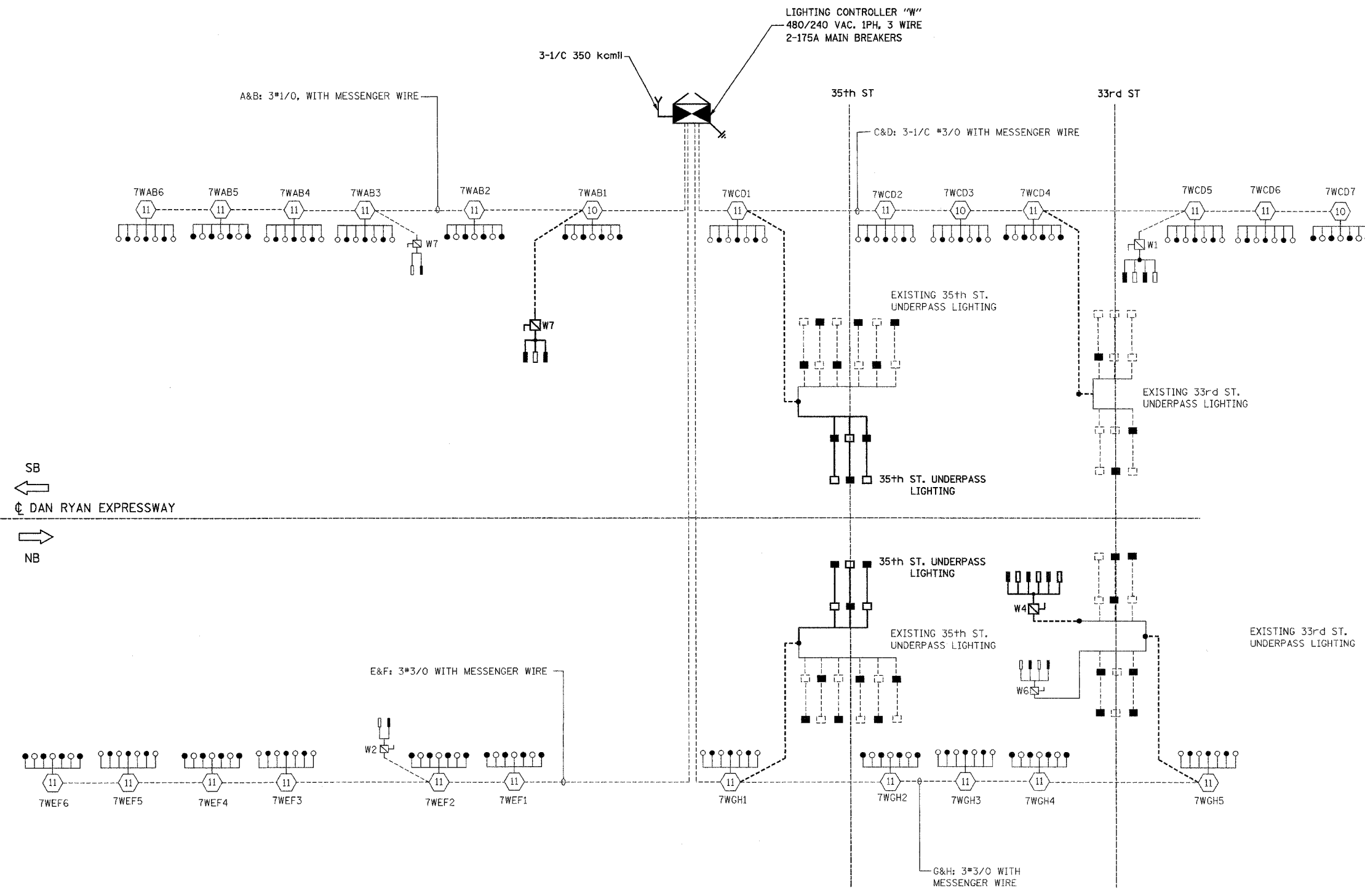


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-03II	COOK	976	328
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62583				



SB  
←  
DAN RYAN EXPRESSWAY  
→  
NB

- LEGEND:**
- HIGH MAST LIGHT TOWER
  - 400W. HPS LUMINAIRE (BLACK PHASE- SOLID SYMBOLS, RED PHASE-OPEN SYMBOL)
  - HIGH MAST TOWER DESIGNATION
  - LIGHTING CONTROLLER
  - GROUND FIELD
  - ELECTRIC UTILITY SERVICE
  - AERIAL CABLE, 3\*3/0 WITH MESSENGER CABLE UNLESS OTHERWISE INDICATED
  - 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, 70W HPS LUMINAIRE. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
  - UNDERPASS LIGHTING UNIT, 55W HPS LUMINAIRE. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)

**LOAD TABLE  
LIGHTING CONTROLLER "W"**

CIRCUIT	RED PHASE		BLACK PHASE		
	AMPS	WATTS	CIRCUIT	AMPS	WATTS
A	43.60	8740	B	44.40	8910
C	68.05	13375	D	51.95	10245
E	40.80	8170	F	44.80	8970
G	45.05	8865	H	43.75	8575
I	SPARE	SPARE	J	SPARE	SPARE
K	SPARE	SPARE	L	SPARE	SPARE
M	SPARE	SPARE	N	SPARE	SPARE
O	SPARE	SPARE	P	SPARE	SPARE
TOTAL	197.50A	39,150	TOTAL	184.90A	36,700

**KAM ENGINEERING, INC.**  
CONSULTING ENGINEERS  
707A Davis Road, Suite 205  
Elgin, Illinois 60123-1369

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 "W"  
PROPOSED IMPROVEMENTS 2006**

SCALE: NONE  
DATE: OCTOBER 29, 2004

DRAWN BY: BL  
CHECKED BY: SM

SL06-12

10/16/2004 11:45:50 AM