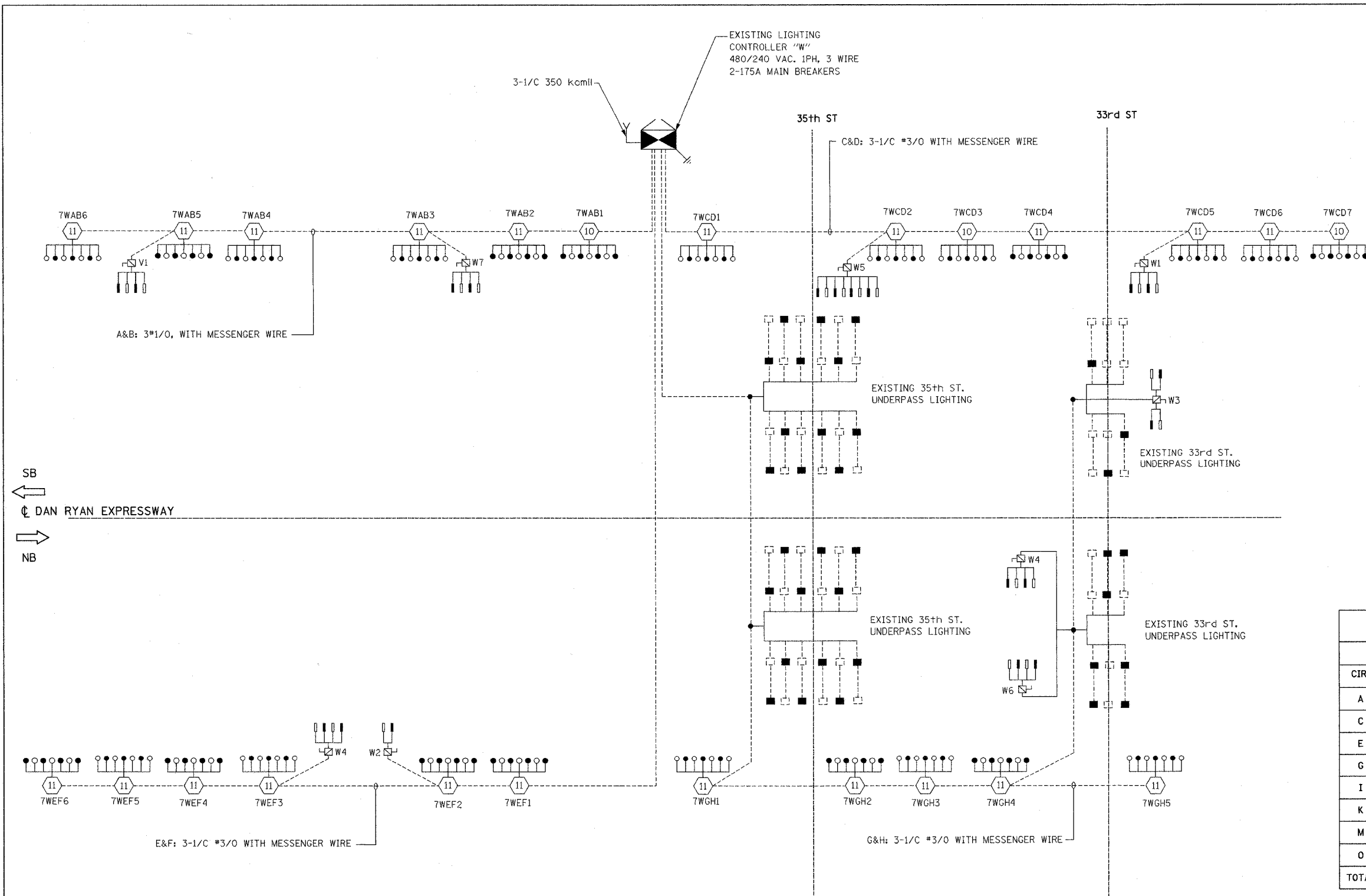


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-03II	COOK	976	315
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62583				



- 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
 - AERIAL CABLE, 3*3/0 WITH MESSENGER CABLE UNLESS OTHERWISE INDICATED
 - LIGHTED SIGN STRUCTURE WITH 170 W. FLUORESCENT LUMINAIRE. QUANTITY OF LUMINAIRE 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)

**LOAD TABLE
LIGHTING CONTROLLER "W"**

CIRCUIT	RED PHASE		BLACK PHASE		
	AMPS	WATTS	CIRCUIT	AMPS	WATTS
A	45.20	9080	B	45.20	9080
C	69.75	13715	D	57.65	11385
E	42.40	8510	F	46.40	9310
G	45.15	8815	H	43.85	8525
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	202.50A	40,120	TOTAL	193.10A	38,300

SB
←
DAN RYAN EXPRESSWAY
→
NB

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 2005**

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

SL05-12

6/10/05, Rev 05, 06 3:29 PM Lighting SL05-12A 05/04