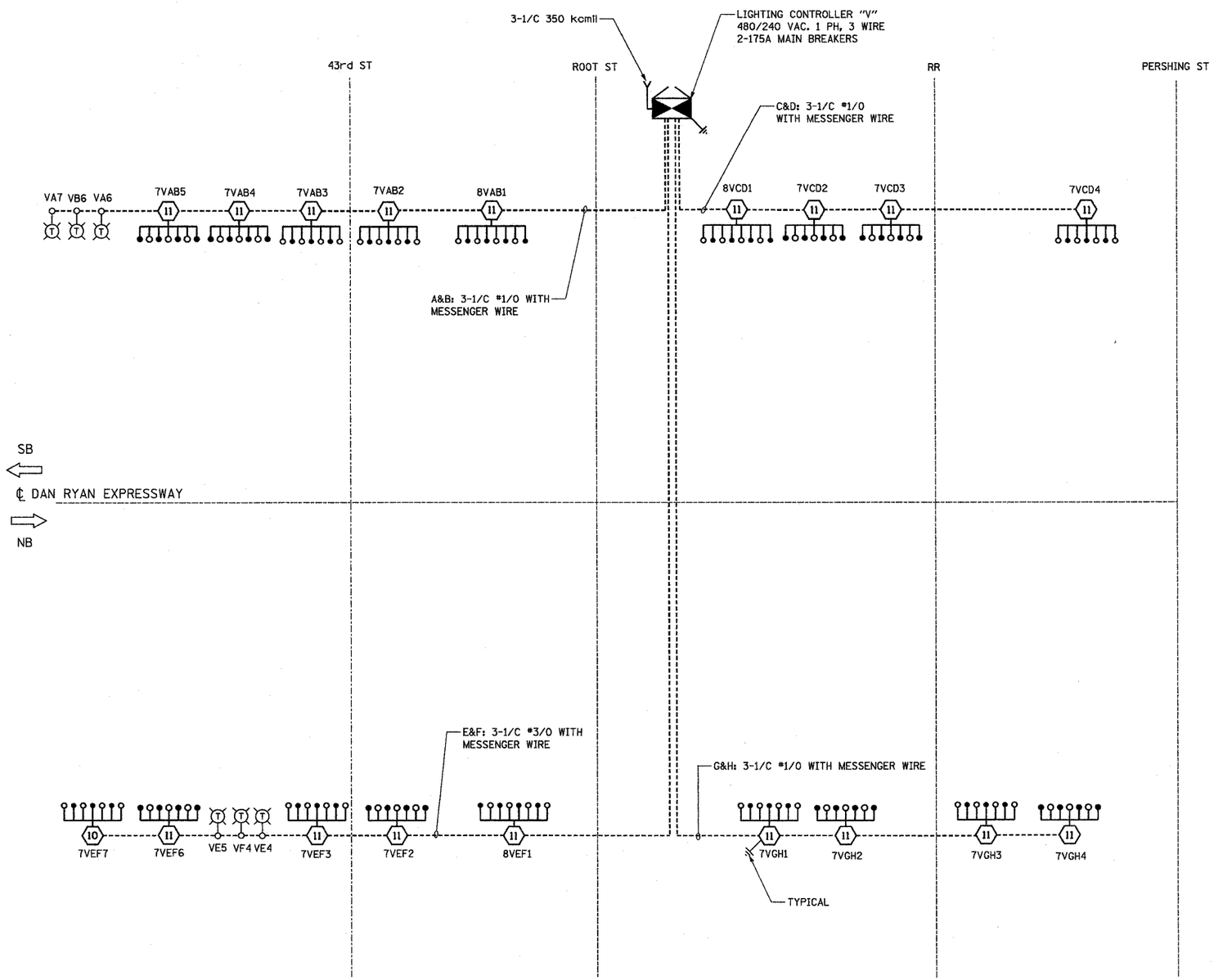
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-031I	COOK	976	314
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583



LEGEND:

- HIGH MAST LIGHT TOWER
- 400W. HPS LUMINAIRE (BLACK PHASE- SOLID SYMBOLS, RED PHASE-OPEN SYMBOL)
- 7VCD1 — HIGH MAST TOWER DESIGNATION
- LIGHTING CONTROLLER
- GROUND FIELD
- ELECTRIC UTILITY SERVICE
- TEMPORARY WOOD POLE, 90 FT. WITH 15 FT. MAST ARM AND 400W HPS LUMINAIRE
- AERIAL CABLE, 3#1/0 WITH MESSENGER CABLE UNLESS OTHERWISE INDICATED

LOAD TABLE
LIGHTING CONTROLLER "V"

	RED PHASE			BLACK PHASE	
CIRCUIT	AMPS	WATTS	CIRCUIT	AMPS	WATTS
A	40.00	7600	B	38.00	7600
C	28.00	6000	D	30.00	6000
E	40.00	7600	F	38.00	7600
G	28.00	5600	H	28.00	5600
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	136.00A	27,200	TOTAL	134.00A	26,800

SL05-11

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 "V"
PROPOSED IMPROVEMENTS 2005

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

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