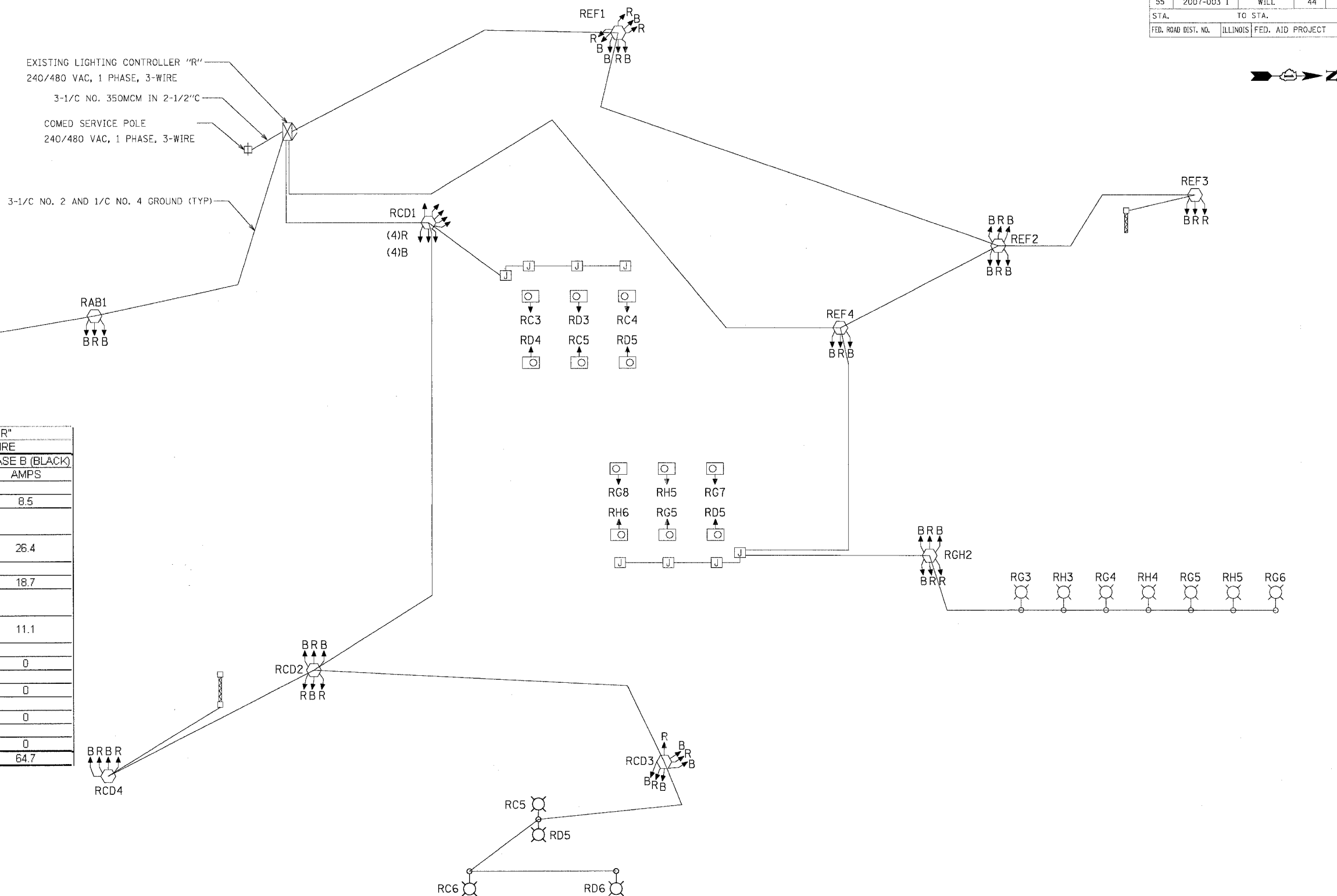


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2007-003 I	WILL	44	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LOAD TABULATION FOR LIGHTING CONTROLLER "R"
SYSTEM VOLTAGE 240/480V, SINGLE PHASE, 3-WIRE

CKT NO.	DESCRIPTION	PHASE A (RED) PHASE B (BLACK)	
		AMPS	AMPS
A	2 - 400W HMT + 2 - 400W	6.8	
B	4 - 400W HMT + 1 - 400W		8.5
C	12 - 400W HMT + 2 - 400W + 3 - 55W + SIGN LAMPS	25.3	
D	13 - 400W HMT + 2 - 400W + 3 - 55W		26.4
E	9 - 400W HMT + SIGN LAMPS	16.2	
F	11 - 400W HMT		18.7
G	3 - 400W HMT + 4 - 400W + 3 - 55W	12.8	
H	3 - 400W HMT + 3 - 400W + 3 - 55W		11.1
I	SPARE	0	
J	SPARE		0
K	SPARE	0	
L	SPARE		0
M	SPARE	0	
N	SPARE		0
O	SPARE	0	
P	SPARE		0
TOTAL		61.1	64.7

LEGEND

- LUMINAIRE, 400W HPS
- UNDERPASS LUMINAIRE, 55W LPS
- HIGH MAST LIGHTING UNIT, CIRCUIT AS SHOWN. TRIANGLES INDICATE NUMBER OF HIGH PRESSURE SODIUM HIGH MAST LUMINAIRES AND ORIENTATION OF LUMINAIRES. UNLESS OTHERWISE INDICATED HIGH MAST LUMINAIRES ARE 400W MCII.

PLOT DATE = 06/14/07
 FILE NAME = 60C22.R1
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = JMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (U.S. 6 TO U.S. 30)
 PARK AND RIDE LOTS

**LIGHTING CONTROLLER "R"
 WIRING DIAGRAM**

SCALE: N.T.S. DRAWN BY MMP
 DATE 06/14/07 CHECKED BY JM

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS