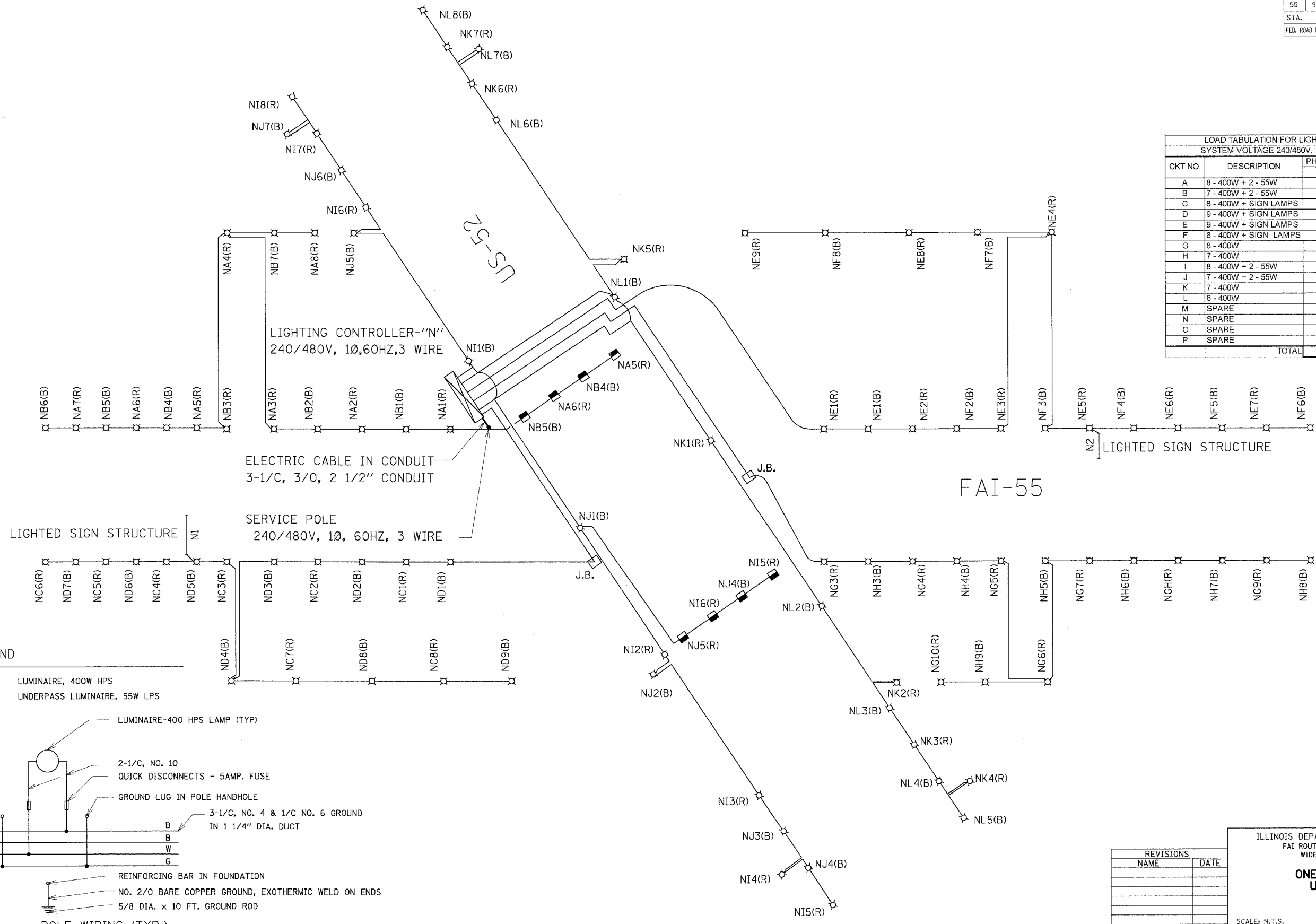


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	229
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

CKT NO	DESCRIPTION	PHASE A (RED)		PHASE B (BLACK)	
		AMPS	AMPS	AMPS	AMPS
A	8 - 400W + 2 - 55W	13.9			
B	7 - 400W + 2 - 55W			12.2	
C	8 - 400W + SIGN LAMPS	16			
D	9 - 400W + SIGN LAMPS			18	
E	9 - 400W + SIGN LAMPS	18			
F	8 - 400W + SIGN LAMPS			16	
G	8 - 400W	16			
H	7 - 400W			14	
I	8 - 400W + 2 - 55W	13.9			
J	7 - 400W + 2 - 55W			12.2	
K	7 - 400W	14			
L	8 - 400W			16	
M	SPARE	0			
N	SPARE			0	
O	SPARE	0			
P	SPARE			0	
TOTAL		91.8		88.4	



LIGHTING CONTROLLER-"N"
240/480V, 1Ø, 60HZ, 3 WIRE

ELECTRIC CABLE IN CONDUIT
3-1/C, 3/0, 2 1/2" CONDUIT

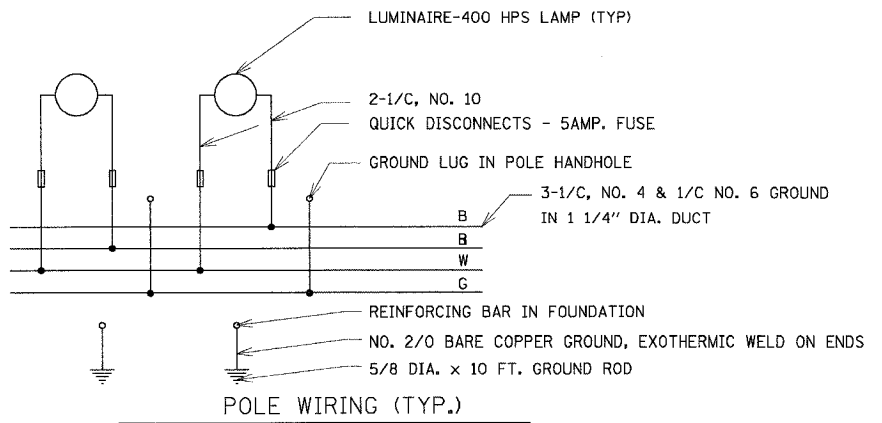
SERVICE POLE
240/480V, 1Ø, 60HZ, 3 WIRE

LIGHTED SIGN STRUCTURE N1

LIGHTED SIGN STRUCTURE N2

LEGEND

- ⊗ LUMINAIRE, 400W HPS
- UNDERPASS LUMINAIRE, 55W LPS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

**ONE LINE DIAGRAM
US 52 @ I-55
EXISTING**

SCALE: N.T.S. DRAWN BY MMP
DATE 02/23/07 CHECKED BY JWO

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

DATE = 02/23/07
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#
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