

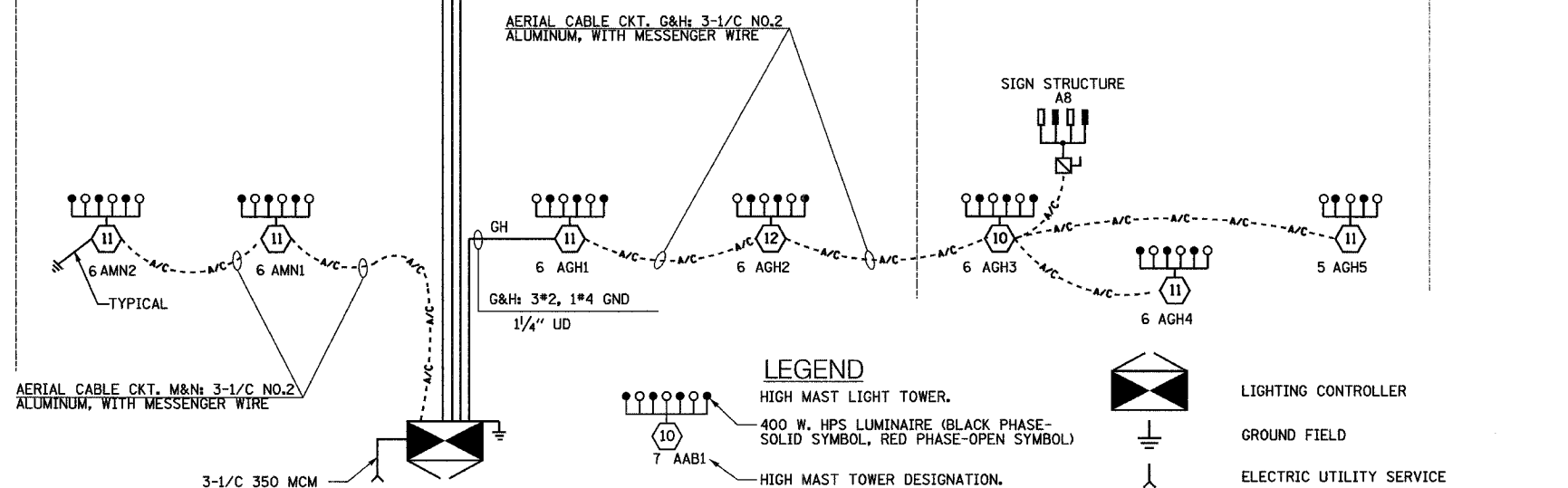
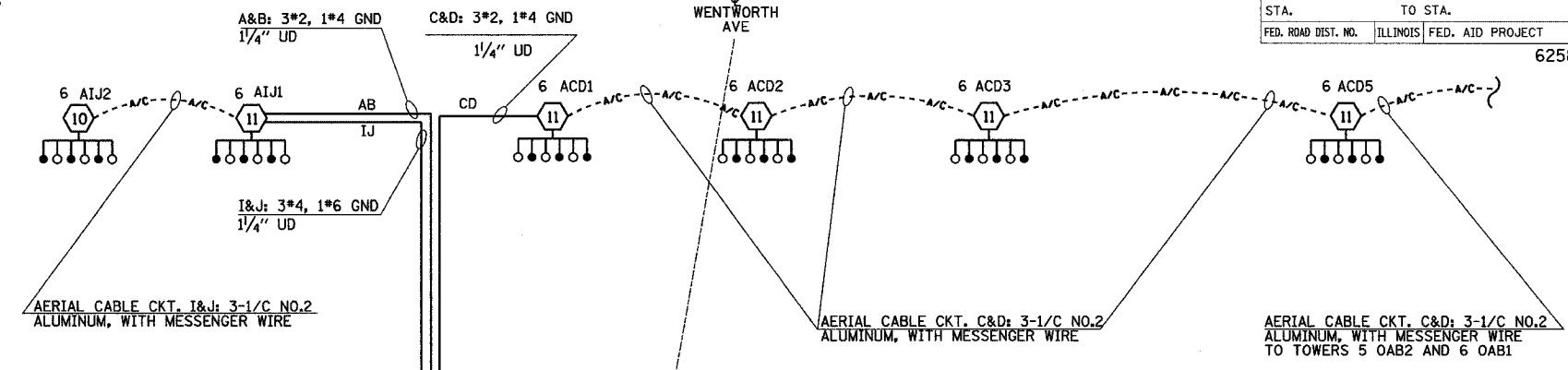
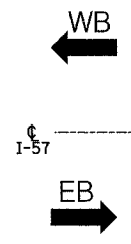
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	976	305
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

62583



C & W.I. R.R.

WENTWORTH AVE



LEGEND

- HIGH MAST LIGHT TOWER.
- 400 W. HPS LUMINAIRE (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- HIGH MAST TOWER DESIGNATION.
- LIGHTED SIGN STRUCTURE WITH 170 W. FLUORESCENT LUMINAIRES, QUANTITY OF LUMINAIRES AS REQUIRED. (BLACK PHASE-SOLID SYMBOL, RED PHASE, OPEN SYMBOL)
- 3 POLE SAFETY SWITCH
- UNDERPASS LIGHTING UNIT, 70W HPS LUMINAIRE. (BLACK PHASE- SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- LIGHTING CONTROLLER
- GROUND FIELD
- ELECTRIC UTILITY SERVICE
- ELECTRIC CABLE ASSEMBLY
- CONVENTIONAL LIGHTING UNIT, 310 WATT HPS LUMINAIRE. (BLACK PHASE-SOLID SYMBOL, RED PHASE-OPEN SYMBOL)

CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A			B		
C	36.0	8,640	D	34.0	8,160
E			F		
G	31.8	7,632	H	29.8	7,152
I	12.0	2,880	J	12.0	2,880
K			L		
M	12.0	2,880	N	12.0	2,880
O			P		
TOTAL	91.8	22,032	TOTAL	87.8	21,072

**SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "A"**

NOTES:
1. SEE DRAWING ME-12 FOR WIRING DIAGRAM DETAILS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
31st STREET TO I-57

**SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "A"
PROPOSED IMPROVEMENTS 2005**

SCALE: NOT TO SCALE
DATE: OCTOBER 29, 2004

DRAWN BY: YJ
CHECKED BY: TM

SINGH
SINGH & ASSOCIATES, INC.
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