

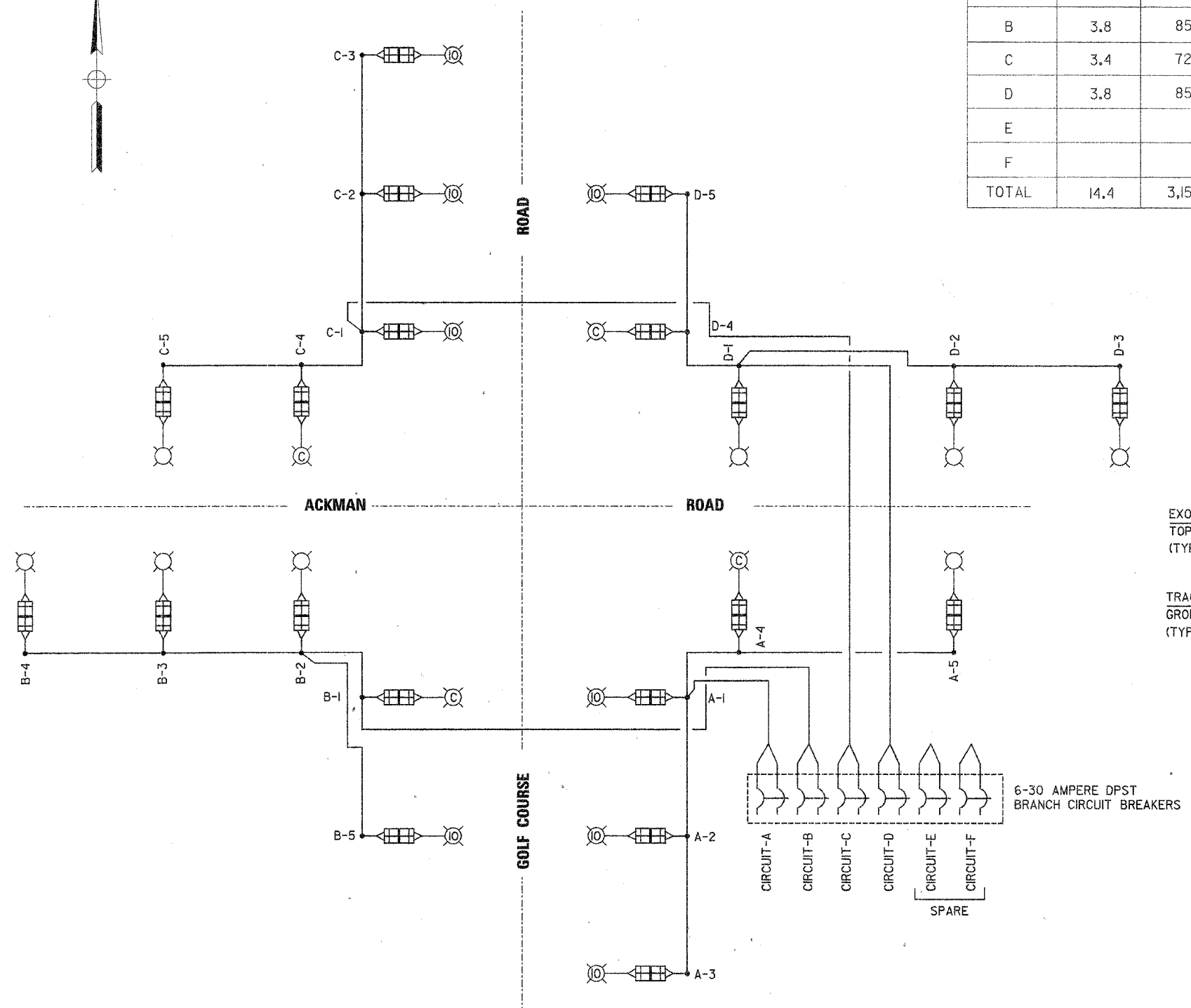
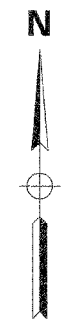
P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*		McHENRY	22	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*04-00101-00-TL CONTRACT NO. 83844				

CONTROLLER CENTER  
CIRCUIT LOAD

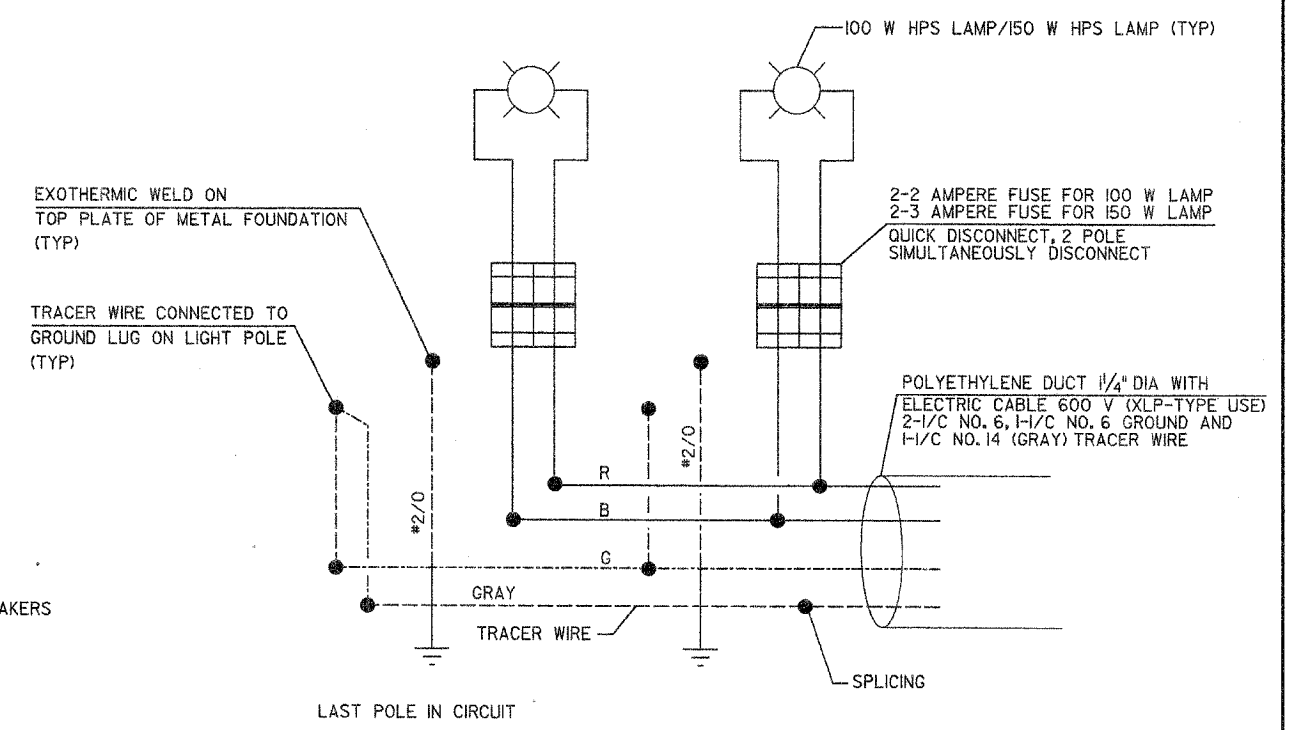
CIRCUIT	AMPERE LOAD	INPUT WATTS
A	3.4	726
B	3.8	852
C	3.4	726
D	3.8	852
E		
F		
TOTAL	14.4	3,156

SINGLE LINE LEGEND

- LUMINAIRE, 150W HPS LAMP
- LUMINAIRE, 100W HPS LAMP
- 2-2.0 AMPERE FUSE FOR 100 W HPS LAMP  
2-3.0 AMPERE FUSE FOR 150 W HPS LAMP
- CIRCUIT BREAKER
- 2 1/C #6, 1/C #6 GND & 11/C #14 TRACER WIRE IN UNIT DUCT
- CONNECTION



ONE LINE CIRCUIT DIAGRAM



TYPICAL CABLE SPLICING AT POLE'S HANDHOLE



McHENRY COUNTY DIVISION OF TRANSPORTATION  
CITY OF CRYSTAL LAKE  
INTERSECTION OF GOLF COURSE ROAD  
WITH ACKMAN ROAD  
**ONE LINE CIRCUIT DIAGRAM**  
LIGHTING CONTROLLER

SCALE: NONE  
DATE: NOV. 23, 2005  
DRAWN BY: HKO  
CHECKED BY: JS

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