



LOAD TABULATION FOR LIGHTING CONTROLLER "B"  
(CONNECTED LOAD)

CKT	DESCRIPTION	PHASE A (RED) (amps)	PHASE B (BLACK) (amps)
A	5-400W 2-200W 3-55W 3-70W	14.4	
B	5-400W 2-200W 3-55W 3-70W		14.4
C	8-400W 2-70W	17.2	
D	8-400W 2-70W		17.2
E	6-400W 2-200W 3-55W 4-85W 3-70W	18.4	
F	5-400W 3-200W 3-55W 2-85W 3-70W		16.4
G	7-400W 2-70W 2-85W	16.2	
H	7-400W 2-70W 2-85W		18.2
TOTALS		66.2	66.2

- SINGLE LINE LEGEND
- EX. 400W HPS LUMINAIRE ON 47.5' POLE (TYPE A)
  - EX. 200W HPS LUMINAIRE ON 35' POLE (TYPE B)
  - EX. 55W LPS UNDERPASS LUMINAIRE
  - NEW 70W HPS UNDERPASS LUMINAIRE
  - FUSED DISCONNECT
  - CIRCUIT BREAKER
  - CONNECTION
  - LIGHTED SIGN STRUCTURE--  
B2 = 2 FIXTURES (4 - 85W FLUORESCENT)  
B4 = 3 FIXTURES (6 - 85W FLUORESCENT)

LIGHTING CABINET "B" SINGLE LINE DIAGRAM  
N.T.S.

**Advance**  
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

103RD STREET  
BRIDGE OVER FAI 57 (DAN RYAN)  
ELECTRICAL DETAILS

DATE 01-16-08

DRAWN BY EHE  
CHECKED BY EE