



LEGEND OF SYMBOLS

— BLK —	PROPOSED 120 VOLT PHASE CABLE (BLACK)
— RED —	PROPOSED 120 VOLT PHASE CABLE (RED)
— WHT —	PROPOSED 120 VOLT NEUTRAL CABLE (WHITE)
— GRN —	PROPOSED GROUND WIRE (GREEN)
— BLK —	EXISTING 120 VOLT PHASE CABLE (BLACK)
— RED —	EXISTING 120 VOLT PHASE CABLE (RED)
— WHT —	EXISTING 120 VOLT NEUTRAL CABLE (WHITE)
— GRN —	EXISTING GROUND WIRE (GREEN)
—	SPLICE
	PROPOSED 70 WATT HPS PEDESTRIAN LUMINAIRE (120 VOLT) ON BLACK WIRE
	PROPOSED 70 WATT HPS PEDESTRIAN LUMINAIRE (120 VOLT) ON RED WIRE
	EXISTING 70 WATT HPS PEDESTRIAN LUMINAIRE (120 VOLT) ON BLACK WIRE
	EXISTING 70 WATT HPS PEDESTRIAN LUMINAIRE (120 VOLT) ON RED WIRE
A1-1	CIRCUIT/POLE NUMBER

**LIGHTING CONTROLLER "A"
CIRCUIT LOADS**

CIRCUIT	PHASE - RED		CIRCUIT	PHASE - BLACK	
	AMPS	WATTS		AMPS	WATTS
1	13.8	420	2	13.8	420
3	13.8	420	4	18.4	560
5	16.1	490	6	13.8	420
7	13.8	420	8	11.5	350
TOTAL	57.5	1,750	TOTAL	57.5	1,750

NOTE:
PROPOSED LOAD FOR POLE = 70W LUMINAIRE + 120V FESTOON @ 180VA

Drawing file: W:\Projects\76010007 - Grand Ave Streetscape Stage II\GRAND_AVE-Lighting.dwg Jan 05, 2011 - 10:55am

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 Municipal Consultants
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USER NAME -	DESIGNED - MK	REVISED - 1-5-11 IDOT FINAL
	DRAWN - MK/LEV	REVISED - 6-28-10 IDOT PRE-FINAL
PLOT SCALE -	CHECKED - CB	REVISED - 6-04-10 IDOT PSE
PLOT DATE -	DATE - 03-02-10	REVISED - 3-19-10 MWRDGC

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRAND AVENUE STREETScape STAGE II
WIRING DIAGRAM CONTROL CENTER "A"**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1376	10-00095-00-SW	COOK	29	18
(FIELD BOOK NOS. 1441/1443/1516)		CONTRACT NO. 63511		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	TE-00D1(823)	

E.H.E PROJECT NO. 760-10-00720