



LOAD TABLE
PROPOSED LIGHTING CONTROLLER "2"
(@ 120 VOLTS)

CIRCUIT	BLACK PHASE		RED PHASE		
	AMPS	WATTS	AMPS	WATTS	
A	12.4	1488	B	12.4	1488
C	6.2	744	D	6.2	744
E	15.5	1860	F	12.4	1488
G	6.2	744	H	6.2	744
TOTAL	40.3	2976	TOTAL	37.2	2232

TOTAL LOAD ON CONTROLLER (@120 V): 77.5 AMP

NOTES:

- ELECTRIC SERVICES FOR ALL NAPERVILLE MAINTAINED LIGHTING CONTROLLERS SHALL BE FED FROM NAPERVILLE DEPARTMENT OF PUBLIC UTILITIES-ELECTRICAL (NDPU-E) DESIGNATED SERVICE TRANSFORMERS OR PEDESTALS.
- ALL ELECTRIC SERVICE AND BRANCH CIRCUIT CONDUCTORS SHALL BE XLP TYPE USE-2.
- KEEP EXISTING WIRING BETWEEN EXISTING POLES THAT ARE NOT BEING REMOVED OR RELOCATED. MAKE WIRING ADJUSTMENTS TO KEEP ALL LIGHT POLES OPERATIONAL.

LEGEND

- EXISTING LIGHTING CONTROLLER, SINGLE DOOR, 100A, 120/240V, 1Ø CITY OF NAPERVILLE MAINTAINED
- PROPOSED/RELOCATED/EXISTING LIGHTING UNIT 40' M.H., 12' M.A., 310W HPS TYPE MC-III, 120V LUMINAIRE (BLACK PHASE)
- PROPOSED/RELOCATED/EXISTING LIGHTING UNIT 40' M.H., 12' M.A., 310W HPS TYPE MC-III, 120V LUMINAIRE (RED PHASE)
- PROPOSED ELECTRIC SERVICE PEDESTAL

URS
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 439-1000
FAX (312) 939-4198

USER NAME: jmarcus
DESIGNED: MAE
DRAWN: MAE
CHECKED: DAD
DATE: 2/1/2012

REVISIONS:
REVISION: -
REVISION: -
REVISION: -
REVISION: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

95TH STREET
PROPOSED WIRING DIAGRAM - NAPERVILLE CONTROLLER "2"
SCALE: NONE DRAWING NO. 19 OF 30 STA. 291+70.56 TO STA. 318+75

F.A.J. RTE. 1644	SECTION 01-00181-00-FP	COUNTY WILL	TOTAL SHEETS NO. 328
			SHEET NO. 147
CONTRACT NO. 63647			

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