

ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
US 6	RED	6	11	50
	YELLOW	6	22	25
	GREEN	6	15	25
	YELLOW ARROW LT.	4	10	10
	GREEN ARROW LT.	4	11	10
CHAMPLAIN STREET	RED	5	11	50
	YELLOW	5	22	25
	GREEN	5	15	25
	YELLOW ARROW LT.	2	10	10
	GREEN ARROW LT.	2	11	10
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100

AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:  
CITY OF OTTAWA

THERE MAY BE ADDITIONAL ENERGY CHARGES DUE TO  
LIGHTING OR EMERGENCY VEHICLE DETECTION EQUIPMENT.

### CONSTRUCTION NOTES:

REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:

- 3 EACH - SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNTED
- 3 EACH - SIGNAL HEAD, 1-FACE, 4-SECTION, MAST ARM MOUNTED

HOLES IN TRAFFIC SIGNAL POSTS OR MAST ARM POLES RESULTING FROM REMOVAL OF SIGNAL HEADS SHALL BE COVERED WITH STAINLESS STEEL PLATES AND MOUNTING HARDWARE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

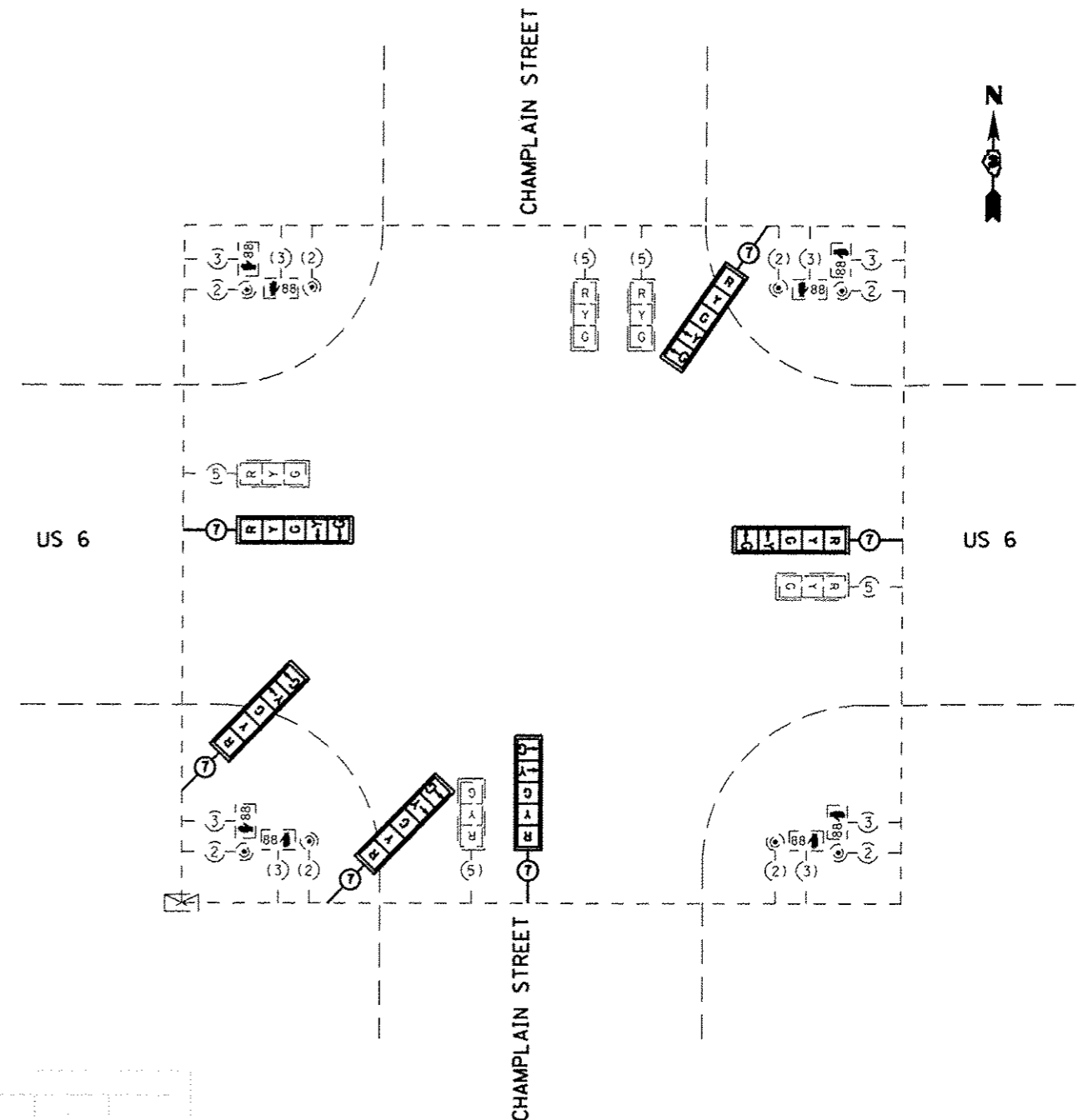
REMOVE AND REPLACE SIX (6) 4-SECTION HEADS WITH LED 5-SECTION HEADS.

### TRAFFIC SIGNALS LEGEND

	DENOTES NUMBER OF EXISTING CONDUCTORS
	DENOTES NUMBER OF PROPOSED CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	EXISTING SIGNAL SECTION 12"
	SIGNAL SECTION 12"
	LEFT TURN GREEN
	LEFT TURN YELLOW
	EXISTING PEDESTRIAN PUSH BUTTON
	EXISTING WALK/DON'T WALK WITH COUNT DOWN TIMER
	EXISTING TRAFFIC SIGNAL BACKPLATE
	PROPOSED TRAFFIC SIGNAL BACKPLATE

### SCHEDULE OF QUANTITIES (95% STATE / 5% CITY)

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	6
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1



**PROPOSED CABLE PLAN**  
NOT TO SCALE

FILE NAME : 0366C67-SHT-TS-C-D-US6-CHAMPLAIN.DGN

USER NAME : --

DESIGNED : --

REVISED : ---

DRAWN : ARR/NV

REVISED : ---

PLOT SCALE : 1" = 20'

CHECKED : PM

REVISED : ---

PLOT DATE : 03/13

DATE : 03/13

REVISED : ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN  
OTTAWA - US 6 & CHAMPLAIN STREET

SCALE: 1" = 20'

SHEET NO. \_\_\_ OF \_\_\_ SHEETS

STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

\* DEKALB, GRUNDY, KANKAKEE & LASALLE

F.A. SECTION COUNTY TOTAL SHEET

RTE. D-3 LED RETROFIT 2013-1 \* 38 33

CONTRACT NO. 66C67

ILLINOIS FED. AID PROJECT