

ELECTRICAL LOAD FOR INTERSECTION

STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 1/17	RED	6	11	50
	YELLOW	6	22	25
	GREEN	6	15	25
	YELLOW ARROW RT.	4	10	10
	GREEN ARROW RT.	4	11	10
IL 114	RED	3	11	50
	YELLOW	3	22	25
	GREEN	3	15	25
	YELLOW ARROW LT.	2	10	10
	GREEN ARROW LT.	2	11	10
	☐	2	20	100
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100

THERE MAY BE ADDITIONAL ELECTRICAL LOADS DUE TO LIGHTING AND EMERGENCY VEHICLE DETECTION EQUIPMENT. AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES: STATE OF ILLINOIS

CONSTRUCTION NOTES:

REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
 2 EACH - SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNTED
 1 EACH - SIGNAL HEAD, 1-FACE, 4-SECTION, MAST ARM MOUNTED

HOLES IN TRAFFIC SIGNAL POSTS OR MAST ARM POLES RESULTING FROM REMOVAL OF 3-SECTION 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 THREE (3) 4-SECTION HEADS WITH LED 5-SECTION HEADS.

•• RELOCATE TWO (2) PEDESTRIAN SIGNAL HEADS AT THE TRAFFIC SIGNAL POSTS IN THE SOUTHEAST AND SOUTHWEST QUADRANTS OF THE INTERSECTION AS DIRECTED BY THE ENGINEER TO ALLOW PLACEMENT OF NEW 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"
☐	RIGHT TURN GREEN
☐	RIGHT 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 (100% STATE / 0% 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	2
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	3
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

