

ELECTRICAL LOAD FOR INTERSECTION

STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
US 45/52/ KENNEDY DR	RED	6	11	50
	YELLOW	6	22	25
	GREEN	6	15	25
	YELLOW ARROW LT.	4	10	10
	GREEN ARROW LT.	4	11	10
		4	20	100
BROADWAY STREET	RED	8	11	50
	YELLOW	8	22	25
	GREEN	8	15	25
	YELLOW ARROW LT.	4	10	10
	GREEN ARROW LT.	4	11	10
	YELLOW ARROW RT.	4	10	10
	GREEN ARROW RT.	4	11	10
TRAFFIC SIGNAL CABINET		4	20	100
	CONTROLLER	1	6	100
	UPS	1	50	100

AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:
VILLAGE OF BRADLEY

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

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
	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

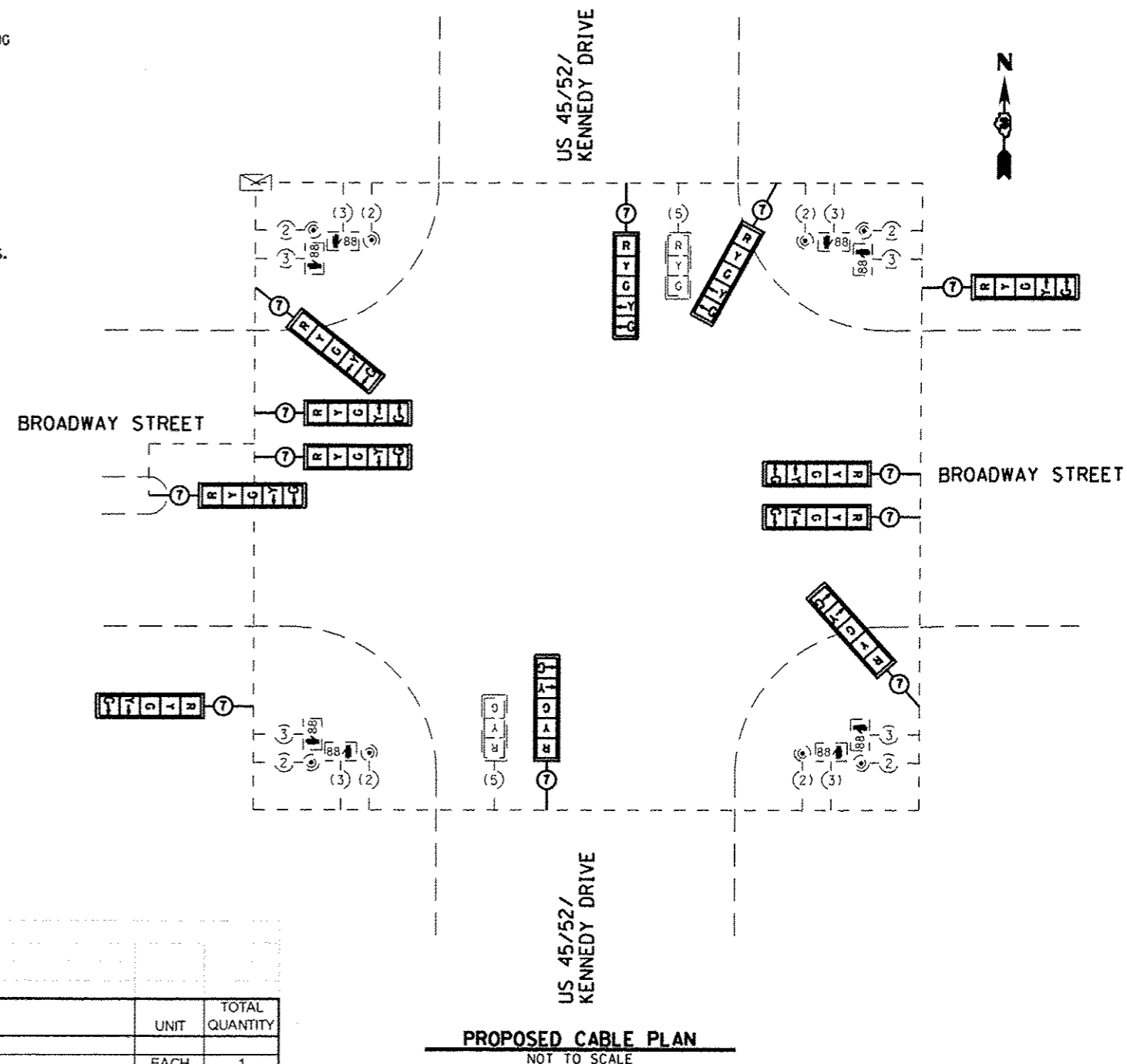
CONSTRUCTION NOTES:

REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
6 EACH - SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNTED
6 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 TWELVE (12) 4-SECTION HEADS WITH LED 5-SECTION HEADS.

REMOVE AND RE-ERECT THREE (3) EXISTING SIGNS AT THE MAST ARM POLES IN THE NORTHWEST AND SOUTHWEST QUADRANTS OF THE INTERSECTION AS DIRECTED BY THE ENGINEER TO ALLOW PLACEMENT OF NEW 5-SECTION HEADS.



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	6
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	6
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	3