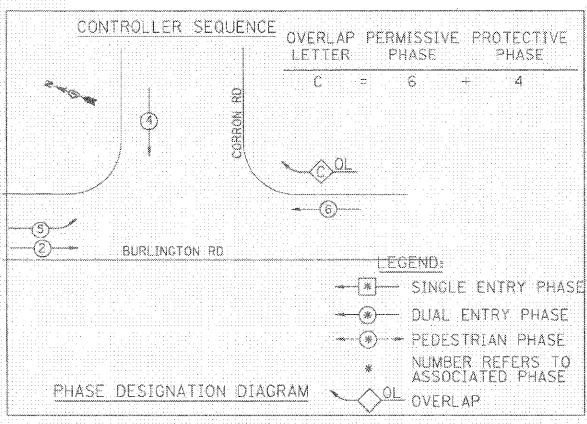


ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	127
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	127
LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	9
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	234
ETHERNET SWITCH, TYPE 1	EACH	1
CAMERA POLE, 45 FT	EACH	1
MODIFY EXISTING UPS FOR SYSTEM COMMUNICATIONS	EACH	1

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	12	135	17	0.50	102.0
(YELLOW)	12	135	25	0.25	75.0
(GREEN)	12	135	15	0.25	45.0
ARROW	4	135	12	0.10	4.8
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN		84	35	0.05	
ILLUMINAIRE	2	100		0.50	100.0
FLASHER	2	135	25	0.50	37.5
TOTAL =					464.3

FOUNDATION (DEPTH) (FT.) (m)	CABLE SLACK (FT.) (m)	CABLE SLACK (FT.) (m)
TYPE A - POST 4 (1.2)	HANDHOLE 6.5 (2.0)	ALL FOUNDATIONS 1.5 (0.0)
D - CONTROLLER 4 (1.2)	DOUBLE HANDHOLE 15 (4.0)	MAST ARM (L) POLE 20'-L-2" (6m)-L-0.6m=
E - M. ARM POLE 24" (600mm) 10 (3.0)	SIGNAL POST 2 (0.6)	BRACKET MOUNTED 13 (4.0)
30" (750mm) 15 (4.6)	CONTROLLER CAB. 1 (0.5)	PED. PUSHBUTTON 4 (1.2)
	FIBER OPTIC 13 (4.0)	ELECTRIC SERVICE 13.5 (4.1)
	ELECTRIC SERVICE 1 (0.5)	SERVICE TO GROUND 13.5 (4.1)
	GROUND CABLE 1 (0.5)	POST MOUNTED 6 (1.8)



PROPOSED EMERGENCY VEHICLE PREEMPTOR	
EMERGENCY VEHICLE PREEMPTION	3 4
MOVEMENT	=

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE M52" TO MATCH FUTURE SYSTEM.