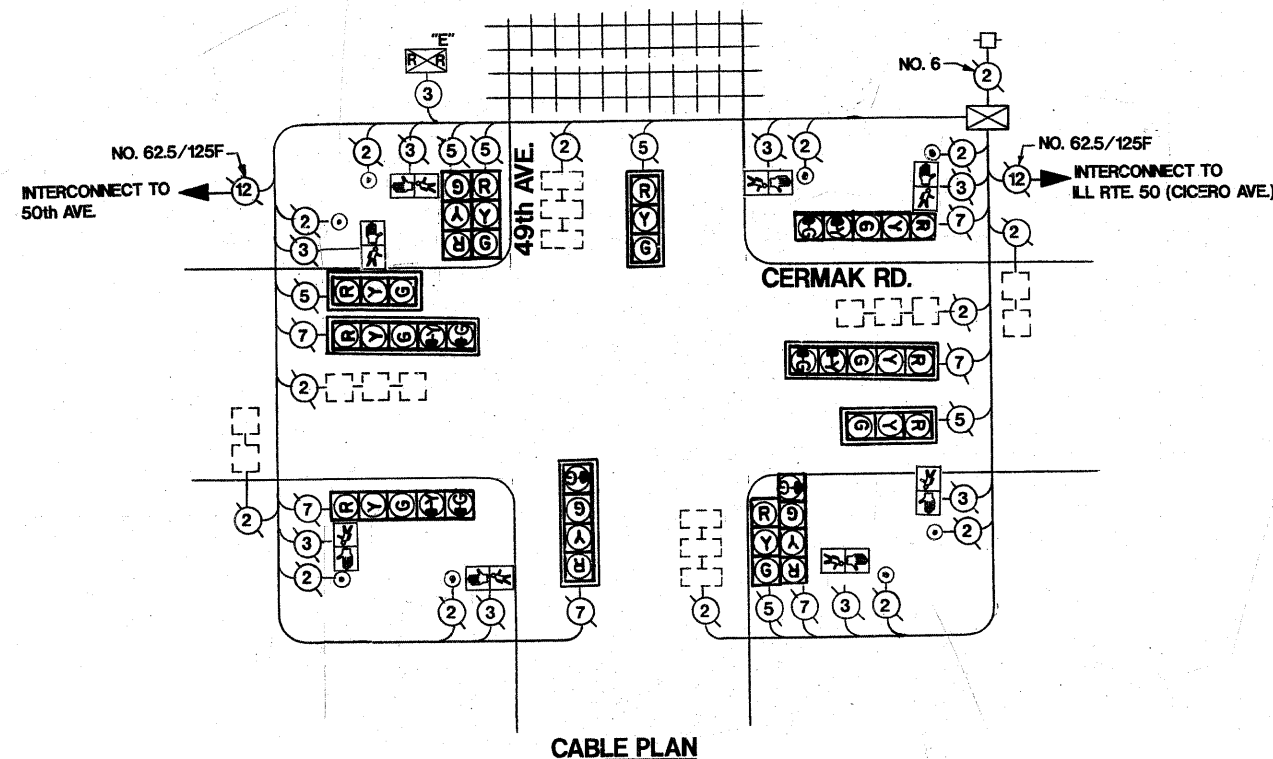




CABLE PLAN LEGEND

EXISTING	PROPOSED	
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
		CONTROLLER CABINET
		SERVICE INSTALLATION
		TELEPHONE CONNECTION
		MAGNETIC DETECTOR
		VEHICLE DETECTOR, INDUCTION LOOP
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		DENOTES NUMBER OF CONDUCTORS
		ALL CABLE NO. 14 EXCEPT AS INDICATED
		ALL LOOP DETECTOR CABLE TO BE SHIELDED
		GROUND CABLE IN CONDUIT
		NO. 6 SOLID COPPER (GREEN)
		FIBER OPTIC CABLE IN CONDUIT
		NO. 62.5/125 MM12F SM12F
		SIGNAL FACE WITH BACKPLATE
		"P" INDICATES PROGRAMMED HEAD



CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND LED	% OPERATION	
SIGNAL (RED)		135	17	0.50
(YELLOW)		135	25	0.25
(GREEN)		135	15	0.25
ARROW		135	12	0.10
PED. SIGNAL		90	25	1.00
CONTROLLER		100	100	1.00
ILLUM. SIGN		84	35	0.05
TOTAL =				

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES		
PAY ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
PEDESTRIAN SIGNAL HEAD, L.E.D. 1-FACE BRACKET MOUNTED	EACH	8
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
THERMOPLASTIC PAVEMENT MARKING - LINE 12"	SQ. FT.	480
THERMOPLASTIC PAVEMENT MARKING - LINE 24"	SQ. FT.	113
THERMOPLASTIC PAVEMENT MARKING REMOVAL	SQ. FT.	620