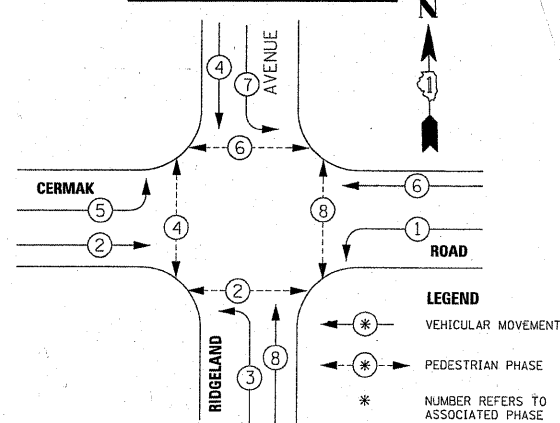


CABLE PLAN LEGEND

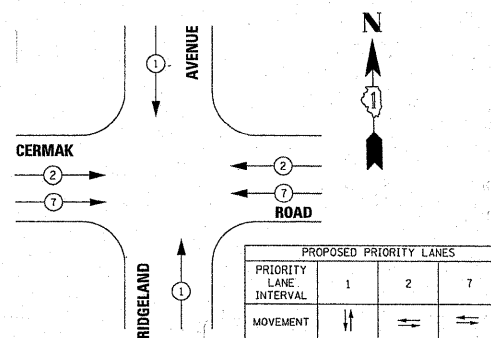
EXISTING	PROPOSED	DESCRIPTION
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
		CONTROLLER CABINET
		SERVICE INSTALLATION
		TELEPHONE CONNECTION
		MAGNETIC DETECTOR
		VEHICLE 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

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM
DUAL ENTRY - ALL LEGS
PROTECTED / PERMITTED LEFT TURN PHASING

EXISTING VEHICLE AND BUS PREEMPTION SEQUENCE



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND	WATTAGE 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	
FLASHER		135	25	0.50	
TOTAL =					

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
PEDESTRIAN SIGNAL HEAD, L.E.D. 1-FACE BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
THERMOPLASTIC PAVEMENT MARKING - LINE 12"	SQ. FT.	426
THERMOPLASTIC PAVEMENT MARKING - LINE 24"	SQ. FT.	140
THERMOPLASTIC PAVEMENT MARKING REMOVAL	SQ. FT.	450