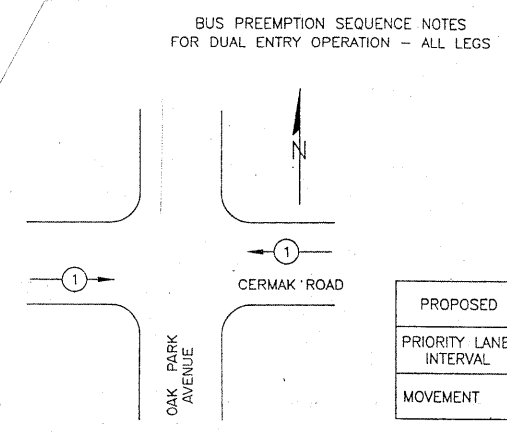




**CABLE PLAN LEGEND**

**EXISTING PROPOSED**

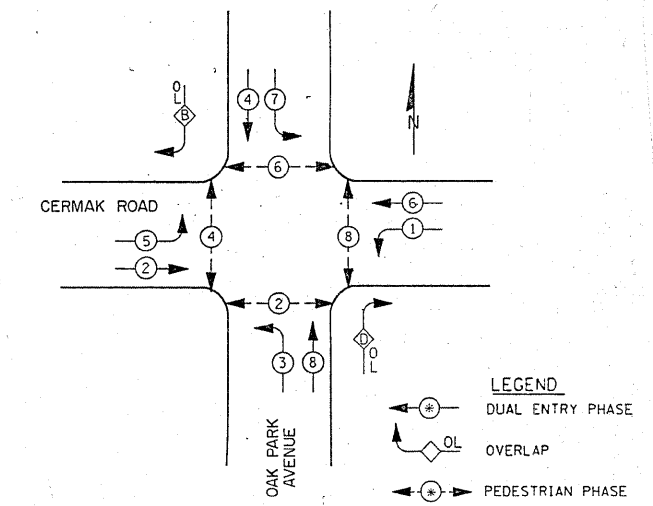
	8" (200mm)
	TRAFFIC SIGNAL SECTION
	12" (300mm)
	PEDESTRIAN SIGNAL SECTION
	12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
	CONTROLLER CABINET
	SERVICE INSTALLATION
	TELEPHONE CONNECTION
	MAGNETIC DETECTOR
	VEHICLE DETECTOR, INDUCTION LOOP
	EMERGENCY VEHICLE LIGHT DETECTOR
	CONFIRMATION BEACON
	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



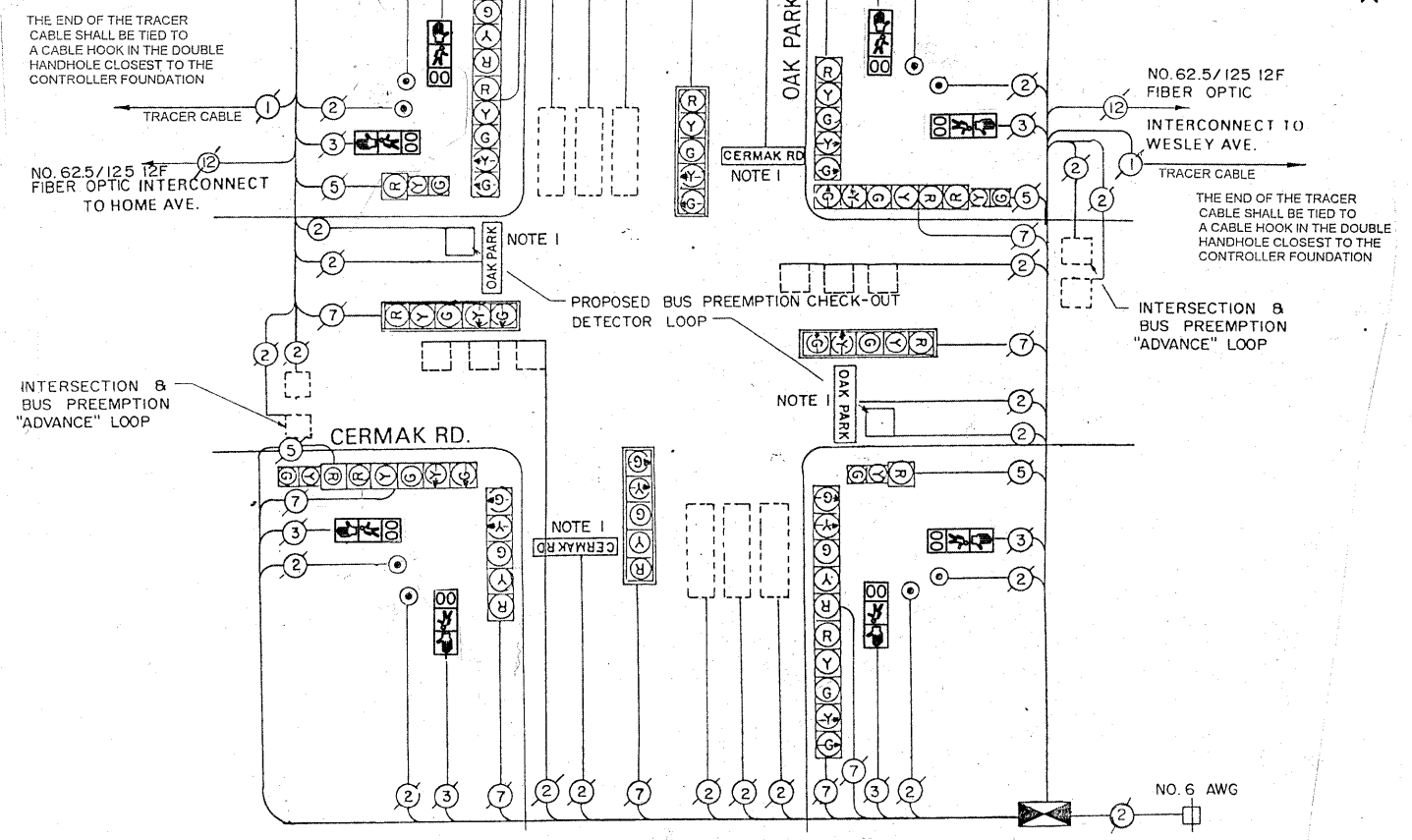
PROPOSED PRIORITY LANES	
PRIORITY LANE INTERVAL	1
MOVEMENT	← →

- NOTES:
- ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHALL BE IDENTICAL TO THE NORMAL SEQUENCES OF OPERATION'S TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 2393.
  - CONTINUATION OR TERMINATION OF ALL RIGHT TURN OVERLAPS SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S CONTINUATION OR TERMINATION OF RIGHT TURN OVERLAPS AS DESCRIBED IN THE CLEARANCE NOTES FOR RIGHT TURN OVERLAPS.
  - TERMINATION OF ALL PEDESTRIAN PHASES SHALL INCLUDE A FULL FLASHING "DON'T WALK" INTERVAL.
  - IF ALL RED CLEARANCE IS USED IN THE NORMAL SEQUENCE OF OPERATION, IT MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.

**CONTROLLER SEQUENCE**  
 REFERRING TO STANDARD 2393, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.



**PHASE DESIGNATION DIAGRAM**  
 DUAL ENTRY - ALL LEGS  
 PROTECTED/PERMITTED LEFT TURN PHASING  
 WITH RIGHT TURN OVERLAPS



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 PUSH-BUTTON	EACH	8
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.	414
THERMOPLASTIC PAVEMENT MARKING - LINE 24"	SQ. FT.	133
THERMOPLASTIC PAVEMENT MARKING REMOVAL	SQ. FT.	500