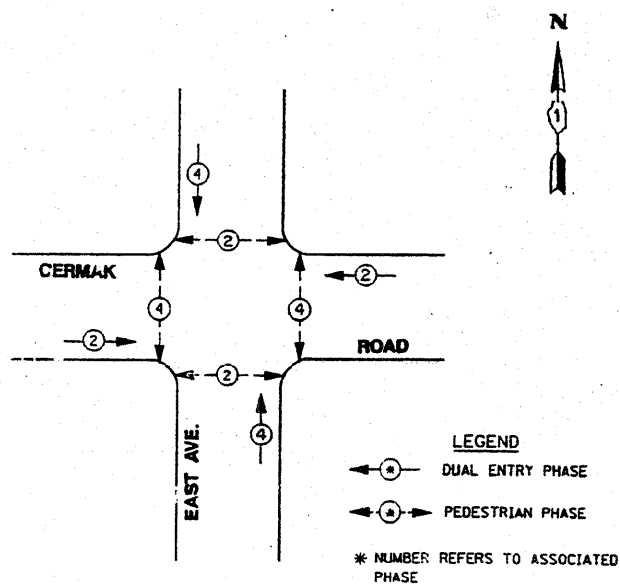


CABLE PLAN LEGEND

EXISTING PROPOSED

		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC 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
		FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F SM12F SIGNAL FACE WITH BACKPLATE "P" INDICATES PROGRAMMED HEAD

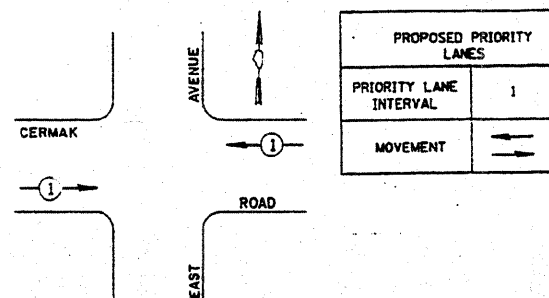
CONTROLLER SEQUENCE
REFERRING TO STANDARD 2393. THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW



PHASE DESIGNATION DIAGRAM

DUAL ENTRY - ALL LEGS
PROTECTED/PERMITTED LEFT TURN PHASING

BUS PREEMPTION SEQUENCE NOTES
FOR DUAL ENTRY OPERATION - ALL LEGS



NOTES:

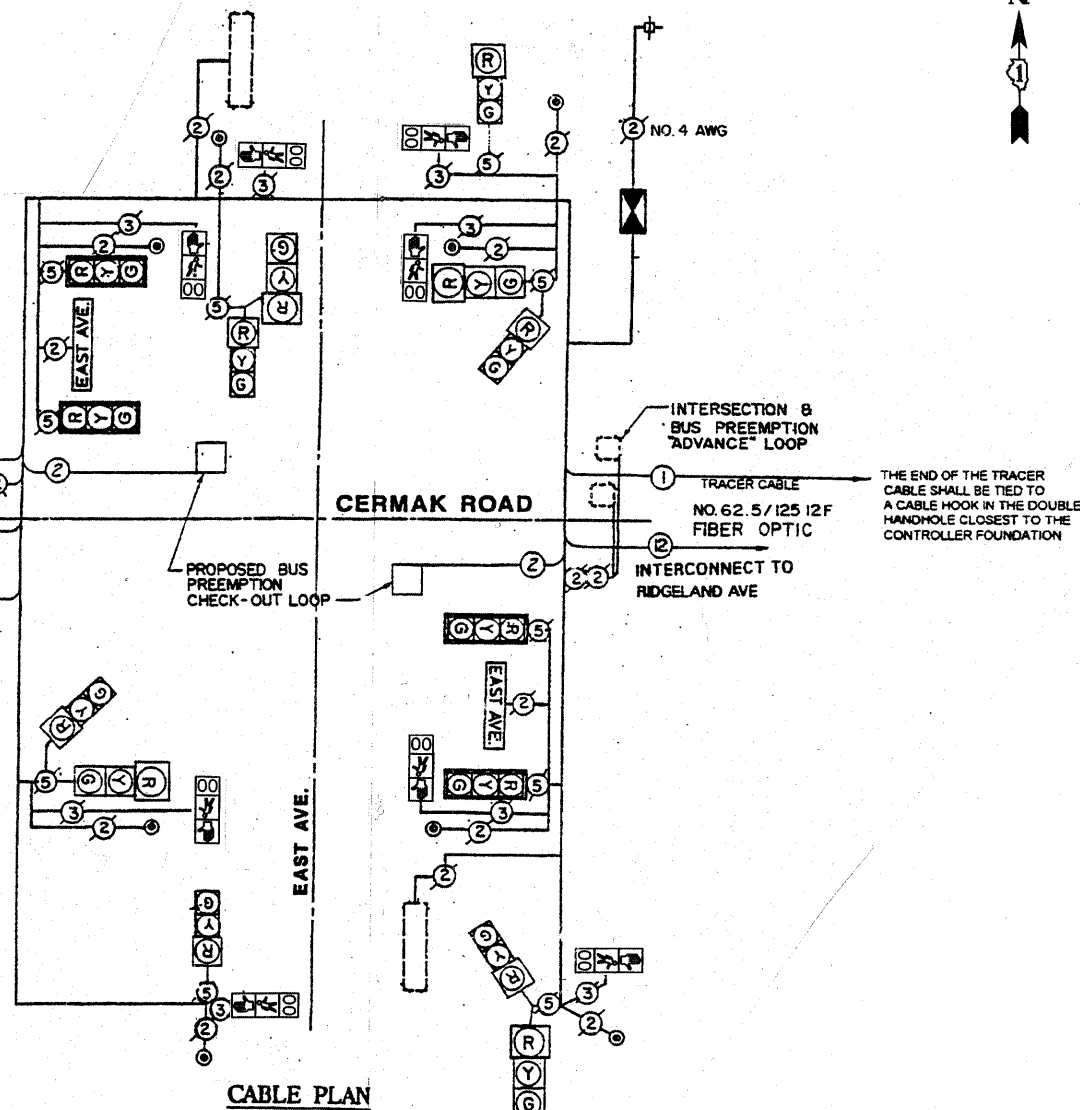
- ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 2393.
- CONTINUATION OR TERMINATION OF ALL RIGHT TURN OVERLAPS SHALL BE IDENTICAL TO THE NORMAL SEQUENCE OF OPERATION'S CONTINUATION 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.

THE END OF THE TRACER CABLE SHALL BE TIED TO A CABLE HOOK IN THE DOUBLE HANDHOLE CLOSEST TO THE CONTROLLER FOUNDATION

TRACER CABLE NO. 62.5/125 12F FIBER OPTIC

INTERCONNECT TO WESLEY AVE

INTERSECTION 8 BUS PREEMPTION ADVANCE LOOP



CABLE PLAN

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.	102
THERMOPLASTIC PAVEMENT MARKING REMOVAL	SQ. FT.	450

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	
FLASHER		135 / 25	0.50	
TOTAL =				

FILE NAME =	USER NAME = kanthaphixaybc	DESIGNED -	REVISED -
cr:\pwwork\pwidot\KANTHAPHIXAYBC\dms922	51\1061A@02.DGN	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 11/25/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN - PHASE DESIGNATION DIAGRAM
CERMAK ROAD (22ND St.) @ EAST AVENUE

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	2008-079 TS	COOK		12
CONTRACT NO. 60F81				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				