

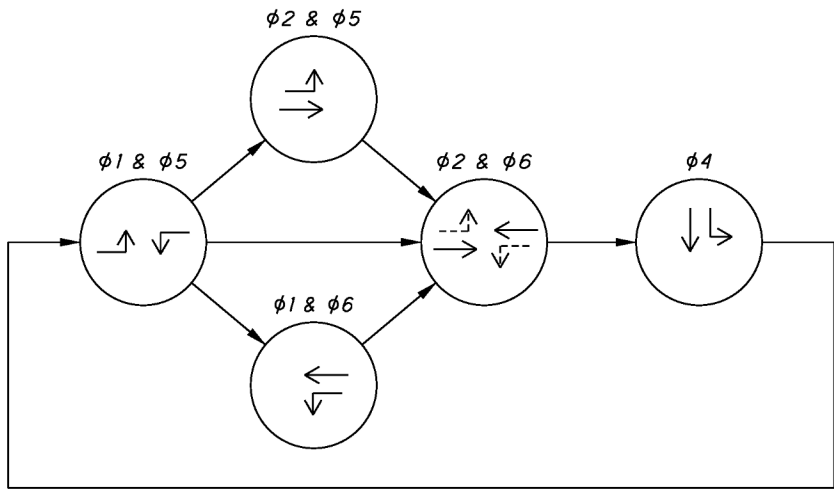
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ITEM	DESCRIPTION	UNIT	QUANT
632	INTERCONNECT CABLE, MISC.; OUTDOOR GEL FILLED ETHERNET CABLE	EACH	440
632	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG	EACH	220
632	SIGNALIZATION MISC.; CCTV IP-CAMERA SYSTEM, UNPRESSURIZED	EACH	1
633	CONTROLLER UNIT, TYPE 2070L, AS PER PLAN	EACH	1
633	CONTROLLER ITEM MISC.; FIELD EQUIPMENT CABINET, ITS CABINET	EACH	1
804	DROP CABLE, 6 FIBER	EACH	1
804	FAN-OUT KIT, 6 FIBER	EACH	1
804	FIBER OPTIC CONNECTOR	EACH	6
804	FIBER OPTIC CABLE MISC.; TERMINATION PANEL, 18 FIBER	EACH	1

TRAFFIC SIGNAL CONTROLLER TIMING CHART									
I-71 SB ON RAMP AND FIELDS ERTL/ESCORT MAINTAINING AGENCY: ODOT									
START UP		DUAL ENTRY 2:6 REST IN RED: R1 2 R2 0							
START IN: Y/R FLASH 2; ALL RED 0 TIME FOR FLASH OR ALL RED: 10 SEC FIRST PHASE: 2+6 COLOR DISPLAYED: GREEN 2; YELLOW 0		OVERLAP PHASES							
INTERVAL OR FEATURE		CONTROLLER MOVEMENT NO.							
INTERSECTION MOVEMENT		1	2	3	4	5	6	7	8
MINIMUM GREEN (INITIAL) (SEC.)		7	24	-	7	7	24	-	-
ADDED INITIAL (SEC./ACTUATION)		-	-	-	-	-	-	-	-
PASSAGE TIME (PRESET GAP)		4.0	3.0	-	3.5	3.0	3.0	-	-
MINIMUM GAP (SEC.)		-	-	-	-	-	-	-	-
TIME TO REDUCE (SEC.)		-	-	-	-	-	-	-	-
MAXIMUM GREEN I (SEC.)		35	40	-	50	17	40	-	-
MAXIMUM GREEN II (SEC.)		-	-	-	-	-	-	-	-
YELLOW CHANGE (SEC.)		3.6	3.6	-	3.6	3.6	3.6	-	-
ALL RED CLEARANCE (SEC.)		2.1	1.7	-	2.5	1.7	2.1	-	-
WALK (SEC.)		-	-	-	4	-	-	-	-
PEDESTRIAN CLEARANCE (SEC.)		-	-	-	23	-	-	-	-
RECALL		MAXIMUM (ON/OFF)	OFF	OFF	OFF	OFF	OFF	OFF	OFF
		MINIMUM (ON/OFF)	OFF	OFF	OFF	OFF	OFF	OFF	OFF
MEMORY		(ON/OFF)	-	-	-	-	-	-	-
CALL TO NON-ACTUATED		No. 1	-	-	-	-	-	-	-
		No. 2	ON	-	-	-	-	ON	-

NOTE: OMIT CALLS TO 2 DURING 3 GREEN

PHASE DIAGRAM

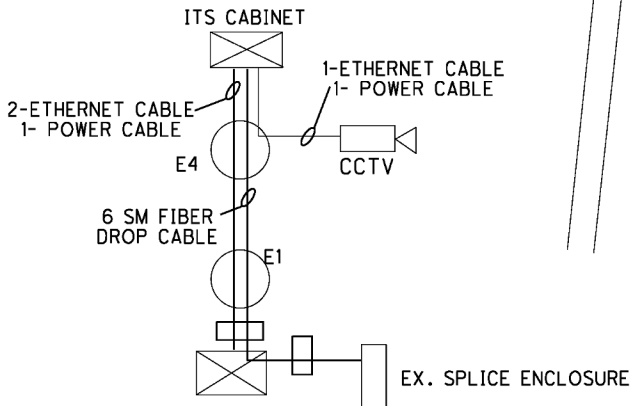


FIELD WIRING HOOK-UP CHART			
SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
1,2 (WBL T)	R	1 R	R
	Y	1 Y	
	G	1 G	
3,4 (WB)	R	6 R	Y
	Y	6 Y	
	G	6 G	
5 (EBLT)	R	2 R	Y
	Y	2 Y	
	G	2 G	
6,7 (EB)	R	2 R	Y
	Y	2 Y	
	G	2 G	
8,9 (EB)	R	4 R	R
	Y	4 Y	
	G	4 G	

NOTE:
1. OUTDOOR GEL FILLED ETHERNET CABLE, 2 EACH, AND POWER CABLE SHALL RUN FROM THE SIGNAL CONTROLLER TO THE ITS CABINET IN EX. CONDUIT AND LASHED TO EX. MESSENGER.
2. 6SM FIBER DROP CABLE SHALL RUN FROM THE EX. SPLICE ENCLOSURE TO THE ITS CABINET IN EX. CONDUIT AND LASHED TO THE EX. MESSENGER.
3. SIGNAL HEAD AND PULLBOX LOCATIONS ARE APPROXIMATE.

WIRING DIAGRAM

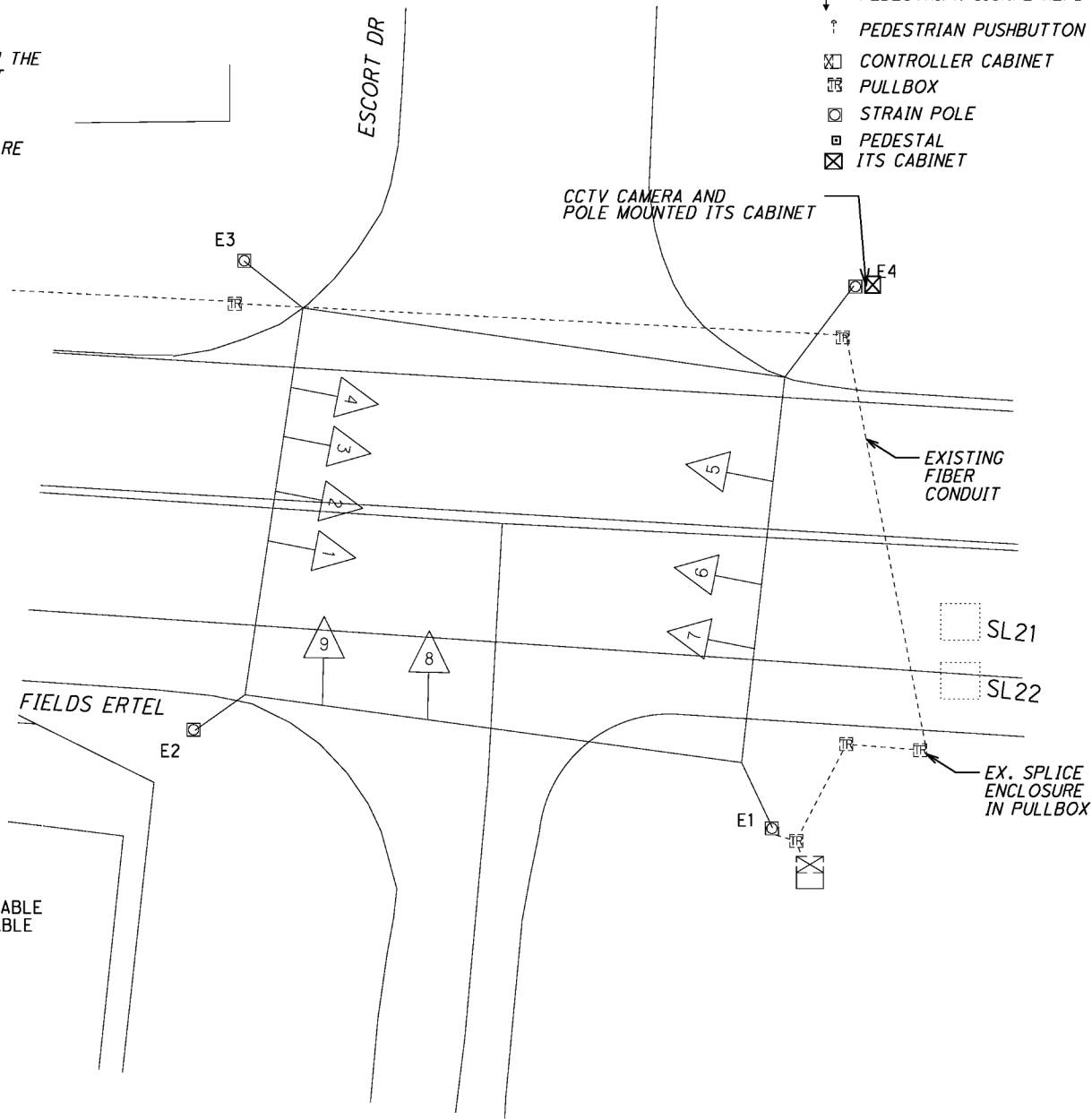
NOTE: EXISTING WIRING NOT SHOWN



SUPPORT NO.	LOCATION	ANGLES FROM INDEX LINE				
		ITS CABINET*				
E1	SE	-				
E2	SW	-				
E3	NW	-				
E4	NE	270				

*LOCATION OF ITS CABINET SHALL BE FIELD VERIFIED BY THE PROJECT ENGINEER

SIGNAL PLAN



LEGEND

- EXISTING SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSHBUTTON
- CONTROLLER CABINET
- PULLBOX
- STRAIN POLE
- PEDESTAL
- ITS CABINET

EXISTING SIGNALS

