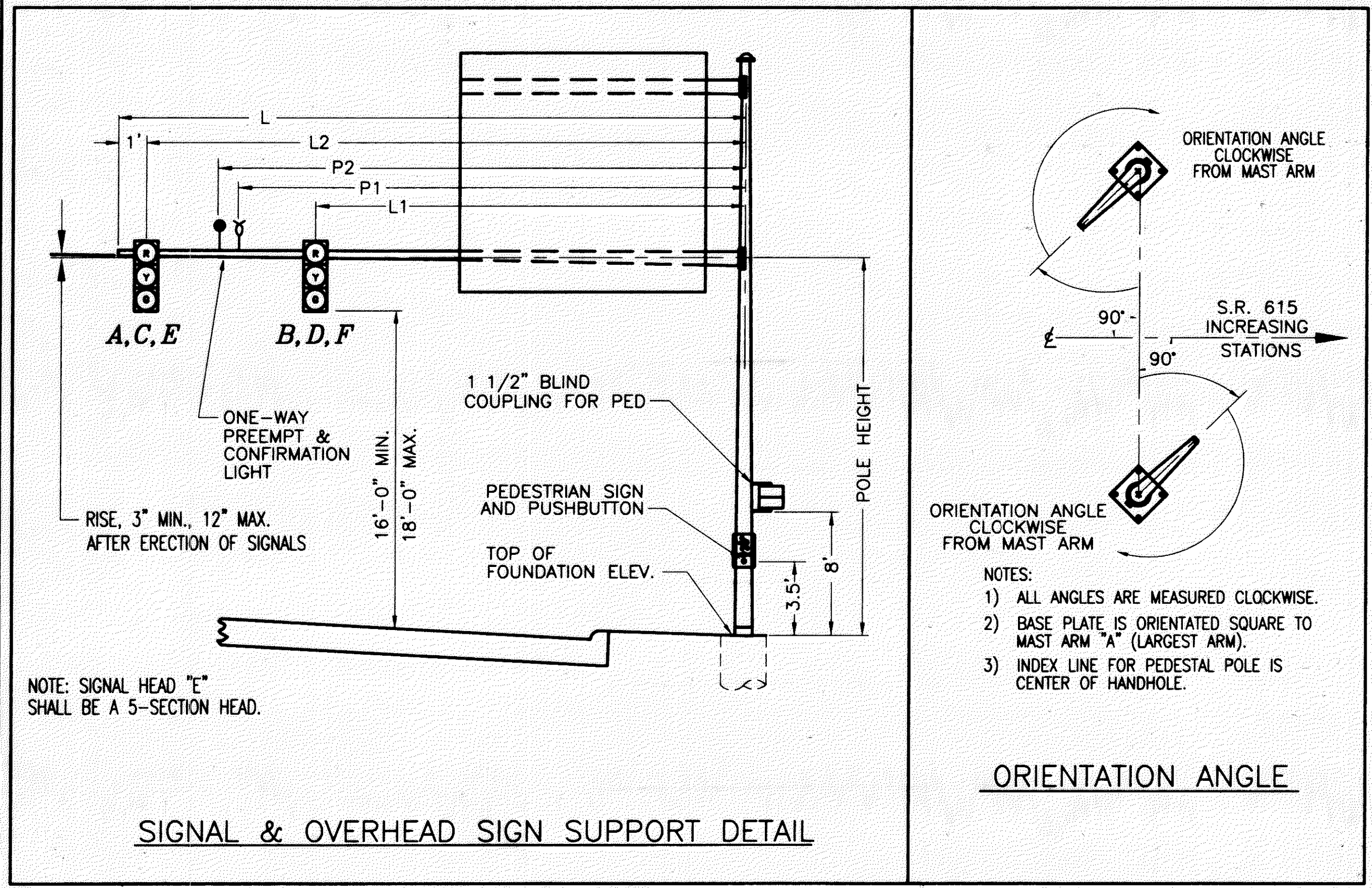


DATE: 07-06-01 - H:\CT\97125\SOSK\TRAFFIC\97125T02.DWG - PLOT SCALE = 1 : 1

COMBINATION POLE		LOCATION		SUPPORT TYPE & DESIGN NUMBER		POLE HEIGHT (feet)		TOP OF FOUNDATION ELEV.		MAST ARM		SIGNALS			SIGNS		PREEMPT		ORIENTATION ANGLE FROM MAST ARM "A" (DEGREES)													
										ARM "A"		ARM "B"		L1	L2	L3	S1	S2	P1 (1-WAY PREEMPT)	P2 (CONFIRMATION LIGHT)	MAST ARM "A" ORIENTATION ANGLE (DEGREES)	MAST ARM "B"	HANDHOLE (PED POLE ANGLE REFERENCE)	PEDESTRIAN SIGNALS	PEDESTRIAN PUSHBUTTON	POWER SERV. 1-1/2" BLIND HALF COUPLING 3" FROM BASE	CABLE ENTRANCE	LUMINAIRE BRACKET	2" CONDUIT ELL	2" CAPPED CONDUIT ELL (FOR FUTURE USE)		
										LENGTH "L"	DESIGN	LENGTH "L"	DESIGN																			
NO	P1	26+60	43' RT	-	3	22.5'	MATCH EXIST.	33'	3	-	-	22'	32'	-	-	-	27'	28'	90°	-	90°	-	-	-	-	-	-	-	-	-	270°	-
*YES	P2	27+32	38' RT	-	5	24.5'	-	32'	4	-	-	21'	31'	-	-	-	26'	27'	0°	-	180°	90°	90°	-	-	-	-	-	-	-	290°	-
NO	P3	27+24	22' LT	YES	-	8'	MATCH EXIST.	-	-	-	-	-	-	-	-	-	-	-	-	-	180°	90°	90°	-	-	-	-	-	-	270°	-	
NO	P4	27+13	40' LT	YES	-	8'	MATCH EXIST.	-	-	-	-	-	-	-	-	-	-	-	-	-	270°	270°	270°	-	-	-	-	-	-	45°	-	
NO	P5	26+48	45' LT	-	-	22.5'	MATCH EXIST.	46'	12	-	-	35	45	-	-	-	-	-	-	-	90°	180°	0°	-	-	-	-	-	-	315°	-	

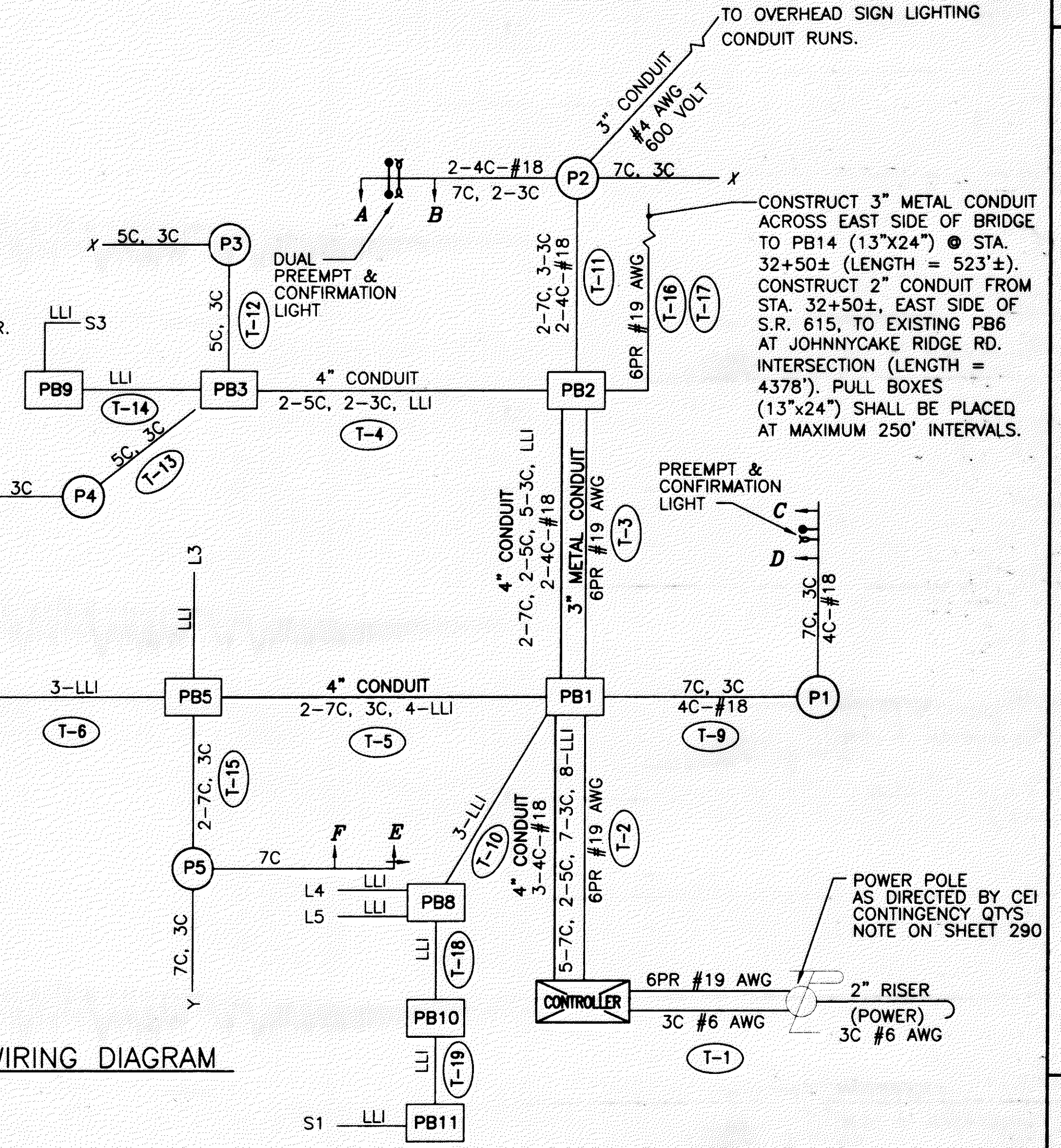
* SIGNAL AND OVERHEAD SIGN SUPPORT. SEE ELEVATION VIEW 26 FOR DETAIL.



NOTES:
 ALL CONDUIT SHALL BE 2", UNLESS NOTED OTHERWISE.
 A SEPARATE 2" CONDUIT SHALL BE PROVIDED FOR POWER.
 PREEMPT - 4C-#18
 X - PREEMPT DETECTOR
 • - CONFIRMATION LIGHT
 (T-00) - SUBSUMMARY SIGNAL REFERENCE NO.

FUNCTION	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
INITIAL GREEN	5.0	20.0	-	15.0	-	-	-	-
MINIMUM GREEN	-	-	-	-	-	-	-	-
VEHICLE EXTENSION	3.0	-	-	4.5	-	-	-	-
MAXIMUM GREEN	12	40	-	30	-	-	-	-
PEDESTRIAN WALK	-	7.0	-	7.0	-	-	-	-
PEDESTRIAN CLEARANCE	-	11.0	-	12.0	-	-	-	-
VEHICLE YELLOW CLEARANCE	3.5	3.5	-	4.8	-	-	-	-
VEHICLE ALL RED CLEARANCE	1.2	2.5	-	2.5	-	-	-	-
RECALL	OFF	MIN	-	OFF	-	-	-	-
MEMORY	N.L.	ON	-	N.L.	-	-	-	-

SIGNAL TIMING CHART

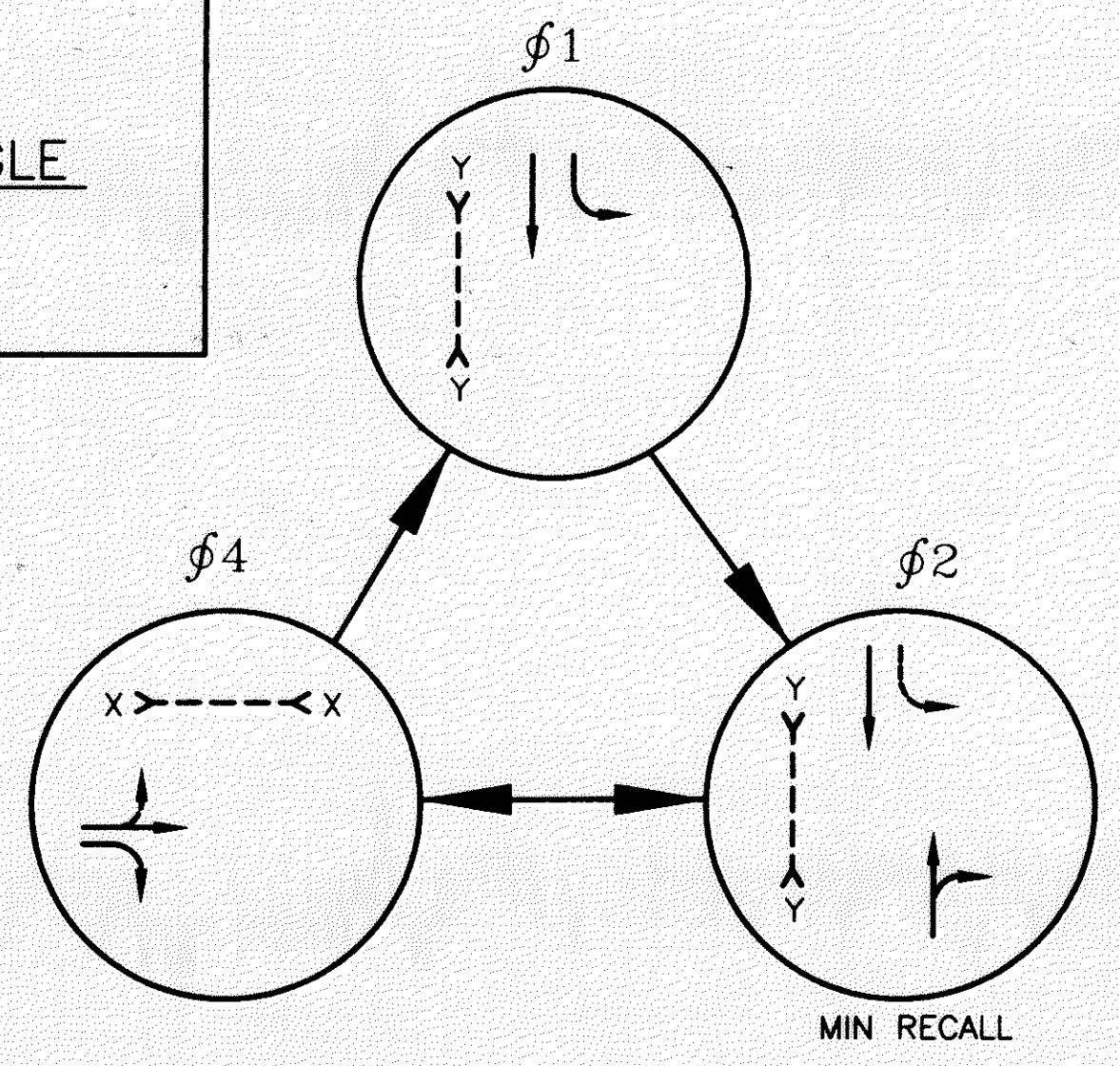


WIRING DIAGRAM

SIGNAL DIRECTION	SIGNAL HEAD	φ4		φ1		φ2		FLASH	DUELL
		R/W	CLEAR	R/W	CLEAR	R/W	CLEAR		
NORTHBOUND	A	R	R	R	R	R	R	G	Y
	B	R	R	R	R	R	R	G	Y
EASTBOUND	C	G	G	Y	R	R	R	R	R
	D	G	G	Y	R	R	R	R	R
SOUTHBOUND	E	R	R	R	R	G	G	G	Y
	F	R	R	R	R	G	G	G	Y
WEST	Y-Y	DW	DW	DW	DW	W	W	W	DW
NORTH	X-X	W	DW	DW	DW	DW	DW	DW	DW

* ONLY UPON PEDESTRIAN PUSHBUTTON ACTUATION

SIGNAL SEQUENCE CHART



PHASING DIAGRAM

OMIT φ1 WHEN φ2 IS ON

LOOP	SIZE	TURNS	MODE	DELAY	PHASE	REMARK	INHIBITED DELAY	LOCATION 1st FRONT CORNER	LOCATION 2nd FRONT CORNER
L-1	6X27	2	PRESENCE	-	φ4	STANDARD	-	STA. 26+89, 44.5' LT	STA. 26+95, 44.5' LT
L-2	6X35	2	PRESENCE	8.0	φ4	STANDARD	φ4	STA. 26+78, 36.5' LT	STA. 26+84, 36.5' LT
L-3	6X15	2	PRESENCE	8.0	φ4	STANDARD	φ4	STA. 26+57, 24' LT	STA. 26+62, 21' LT
L-4	6X27	2	PRESENCE	-	φ2	STANDARD	-	STA. 26+46, 4' RT	STA. 26+46, 10' RT
L-5	6X27	2	PRESENCE	8.0	φ2	STANDARD	φ2	STA. 26+46, 17' RT	STA. 26+46, 23' RT
S-1	6X16	3	PULSE	-	φ2	SYSTEM	-	STA. 23+88, 4' RT	STA. 23+88, 20' RT
S-2	6X14	3	PULSE	-	φ4	SYSTEM	-	STA. 84+00, 2' LT	STA. 84+00, 16' LT
S-3	6X6	3	PULSE	-	φ1	SYSTEM	-	STA. 27+70, 4' LT	STA. 27+70, 10' LT

LOOP DETECTOR CHART

CALCULATED A.E.P. CHECKED I.M.H.

S.R. 615 - INTERSTATE 90 EASTBOUND EXIT SIGNAL PLAN

LAK-1R90/SR615-9.26/1.51