

LOOP DETECTORS			
NUMBER	SIZE	FUNCTION	LOCATION
D2-1	6' X 6'	1	475'
D4-1	2 - 6' X 6'	3, 8	180'
D4-2	2 - 6' X 6'	7	AS SHOWN
D4-3	2 - 6' X 6'	1	AS SHOWN
D5-1	2 - 6' X 6'	1	5' & 35'
D5-2	2 - 6' X 6'	1	20' & 50'
D6-1	6' X 6'	1	475'

① LOCATION IS MEASURED FROM CENTER OF STOP BAR TO LEADING EDGE OF LOOP.

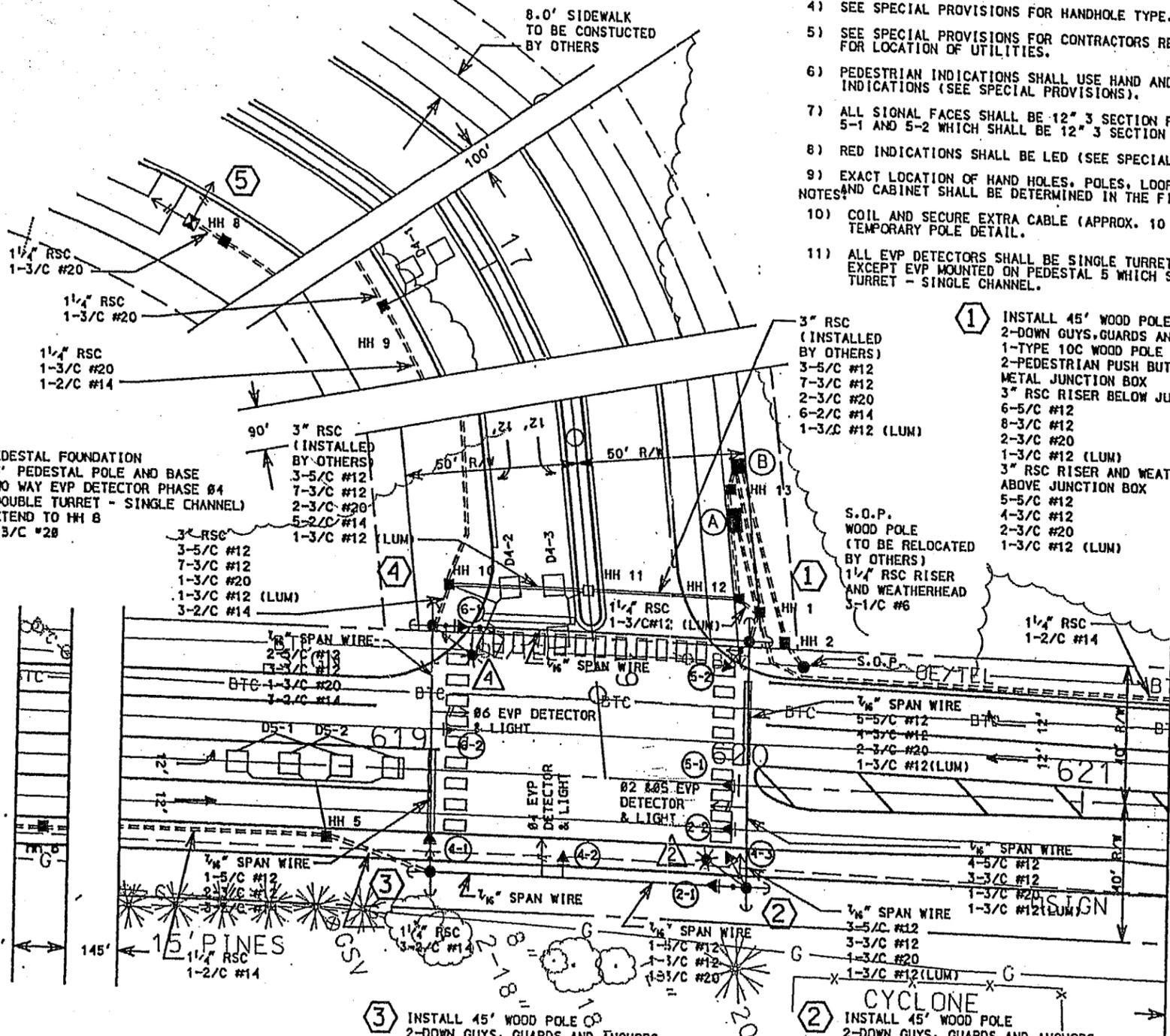
FUNCTIONS:

- 1-CALL AND EXTEND
- 7-DLY CALL IMMED EXTEND
- 3-EXTEND ONLY
- 8-CARRY OVER CALL AND EXTEND

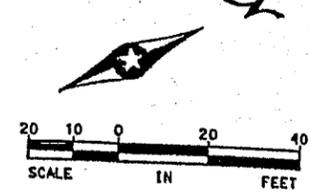
* LOOP DETECTORS TO BE N.M.C. (SEE DETAIL PAGE 2) REMAINING LOOP DETECTORS TO BE SAW CUT IN BITUMINOUS (SEE SPECIAL PROVISIONS).

- ④ INSTALL 45' WOOD POLE
 2-DOWN GUYS, GUARDS AND ANCHORS
 1-TYPE 10C WOOD POLE MOUNTED AT 0°
 2-PEDESTRIAN PUSH BUTTONS AND SIGNS
 LUMINAIRE AND MAST ARM (250 W HPS) WITH PEC METAL JUNCTION BOX
 3" RSC RISER BELOW JUNCTION BOX TO HH 10
 3-5/C #12
 7-3/C #12
 1-3/C #20
 1-3/C #12 (LUM)
 3-2/C #14
 3" RSC RISER AND WEATHER HEAD ABOVE JUNCTION BOX
 2-5/C #12
 3-3/C #12
 1-3/C #20
 1-3/C #12 (LUM)
 3-2/C #14
 1 1/2" RISER ABOVE SPAN WIRE
 1-3/C #12 (LUM)

- ⑤ PEDESTAL FOUNDATION
 10' PEDESTAL POLE AND BASE
 TWO WAY EVP DETECTOR PHASE #4
 (DOUBLE TURRET - SINGLE CHANNEL)
 EXTEND TO HH 8
 1-3/C #20



- 1) SEE SPECIAL PROVISIONS FOR COUNTY FURNISHED MATERIALS.
- 2) EACH SIGNAL FACE SHALL HAVE A BACKGROUND SHIELD.
- 3) SEE DETAILS AND SPECIAL PROVISIONS FOR SERVICE CABINET.
- 4) SEE SPECIAL PROVISIONS FOR HANDHOLE TYPE.
- 5) SEE SPECIAL PROVISIONS FOR CONTRACTORS RESPONSIBILITY FOR LOCATION OF UTILITIES.
- 6) PEDESTRIAN INDICATIONS SHALL USE HAND AND PERSON WALKING INDICATIONS (SEE SPECIAL PROVISIONS).
- 7) ALL SIGNAL FACES SHALL BE 12" 3 SECTION R-Y-G, EXCEPT FACES 5-1 AND 5-2 WHICH SHALL BE 12" 3 SECTION RLTA-YLTA-GLTA.
- 8) RED INDICATIONS SHALL BE LED (SEE SPECIAL PROVISIONS).
- 9) EXACT LOCATION OF HAND HOLES, POLES, LOOP DETECTORS, PUSH BUTTONS AND CABINET SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 10) COIL AND SECURE EXTRA CABLE (APPROX. 10 FT.) AS SHOWN IN TEMPORARY POLE DETAIL.
- 11) ALL EVP DETECTORS SHALL BE SINGLE TURRET - SINGLE CHANNEL EXCEPT EVP MOUNTED ON PEDESTAL 5 WHICH SHALL BE DOUBLE TURRET - SINGLE CHANNEL.



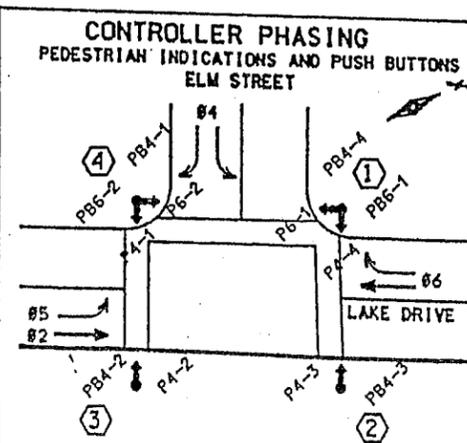
- ① INSTALL 45' WOOD POLE
 2-DOWN GUYS, GUARDS AND ANCHORS
 1-TYPE 10C WOOD POLE MOUNTED AT 270°
 2-PEDESTRIAN PUSH BUTTONS AND SIGNS
 METAL JUNCTION BOX
 3" RSC RISER BELOW JUNCTION BOX TO HH 1
 6-5/C #12
 8-3/C #12
 2-3/C #20
 1-3/C #12 (LUM)
 1-3/C #12 (LUM)
 3" RSC RISER AND WEATHER HEAD ABOVE JUNCTION BOX
 5-5/C #12
 4-3/C #12
 2-3/C #20
 1-3/C #12 (LUM)

- ① CONTROLLER CABINET
 CONTROLLER CABINET TO HH 12
 3" RSC
 3-5/C #12
 7-3/C #12
 2-3/C #20
 6-2/C #14
 CONTROLLER TO HH 1
 3" RSC
 6-5/C #12
 8-3/C #12
 2-3/C #20
 1-2/C #14
 CONTROLLER TO HH 13
 2" RSC
 3-1/C #6
 1-1/C #6 BR GR

- ② SERVICE CABINET
 SERVICE CABINET TO SOP (VIA HH 2)
 1 1/2" RSC
 3-1/C #6
 SERVICE CABINET TO HH 13
 2" RSC
 3-1/C #6
 1-1/C #6 BR GR
 SERVICE CABINET TO HH 1
 1 1/2" RSC
 2-3/C #12 (LUM)

- ② CYCLONE
 INSTALL 45' WOOD POLE
 2-DOWN GUYS, GUARDS AND ANCHORS
 1-TYPE 10B WOOD POLE MOUNTED AT 0°
 1-TYPE 10A AT 270°
 1-PEDESTRIAN PUSH BUTTON AND SIGN
 LUMINAIRE AND MAST ARM (250 W HPS) WITH PEC METAL JUNCTION BOX
 2" RSC RISER AND WEATHER HEAD ABOVE JUNCTION BOX
 2-5/C #12
 2-3/C #12
 1 1/2" RISER ABOVE SPAN WIRE
 1-3/C #12 (LUM)

- ③ INSTALL 45' WOOD POLE
 2-DOWN GUYS, GUARDS AND ANCHORS
 1-TYPE 10B WOOD POLE MOUNTED AT 270°
 1-PEDESTRIAN PUSH BUTTON AND SIGN
 METAL JUNCTION BOX
 1 1/2" RSC RISER BELOW JUNCTION BOX
 3-2/C #14
 2" RSC RISER AND WEATHER HEAD ABOVE JUNCTION BOX
 1-5/C #12
 2-3/C #12
 3-2/C #14



SIGNAL SYSTEM OPERATION
 -THE SIGNAL SYSTEM FLASH MODE IS ALL RED.
 -NORMAL OPERATION IS 4 PHASE, WITH PHASE 5 BEING A PROTECTED LEFT TURN PHASE.

SIGNAL FACE	ALL INDICATIONS SHALL BE 12"					
	R LED	Y	G	RLTA LED	YLTA	GLTA
2-1 AND 2-2	●	●	●			
4-1, 4-2 AND 4-3	●	●	●			
5-1 AND 5-2				←	←	←
6-1 AND 6-2	●	●	●			

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