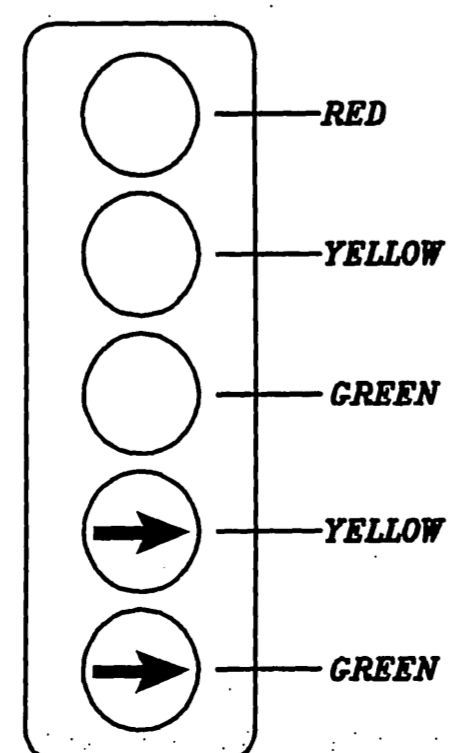


**CONDUCTOR TABLE**

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS					
		5	6	7	8	9	10
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA 3 WIRE IMSA	5	4	3	2	2	1
DETECTOR CABLE	#16/2						
PHASE 1		1	1	1	1		
PHASE 2							
PHASE 3		1	1	1	1	1	1
PHASE 4		2					
PHASE 5							
PHASE 6		3	3	3	1		
PHASE 7		3					
PHASE 8		2	2	2	2	2	2
I.I.S.N.S.	#12	2	2	2	2	2	
LUMINAIRES	#8	2	2	2	2	2	
SIGNAL SERVICE	#6						
INTERCONNECT	#19						
VEHICLE PRE-EMPTION	#20						
CONDUIT SIZE		3.5"	3"	3"	2.5"	2.5"	2"

**STRIPING & MARKING LEGEND**

- (A) 4" DOUBLE YELLOW STRIPE (STD. PLAN A20B, DETAIL 29)
- (B) 4" SOLID WHITE STRIPE (STD. PLAN A20A)
- (C) 4" DASH WHITE STRIPE (STD. PLAN A20A, DETAIL 12)
- (D) 6" DASH WHITE STRIPE (STD. PLAN A20D, DETAIL 39A)
- (E) 6" SOLID WHITE STRIPE (STD. PLAN A20D, DETAIL 39)
- (F) 8" SOLID WHITE STRIPE (STD. PLAN A20D, DETAIL 38)
- (G) SOLID WHITE ARROW (STD. PLAN A24A) THERMOPLASTIC



**DETAIL "A"**

**GENERAL NOTES**

- 1 - DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
  - 2 - ALL PAVEMENT DELINEATION REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN ON.
  - 3 - TYPICAL DETECTOR LOOP SPACING: 10' AND 15' (WHERE APPLICABLE).
- △ - RE-WIRE EXISTING CONDUIT LEGS AS NOTED.
  - CC - CONNECT CONDUIT
  - RS - REMOVE AND SALVAGE
  - AB - ABANDON EXISTING CONDUIT
  - BC - INSTALL NEW FULL BOX IN EXISTING CONDUIT

↑  
**TEMPORARY SHEET - MYLAR HAS BEEN MISPLACED**

<b>CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS</b>				<b>TRAFFIC SIGNAL MODIFICATIONS</b>		ACCT. NO. 9591031162-44022300	
APPROVED BY _____ BY DATE _____				APPROVED BY _____		CANYON CREST DR. @ CENTRAL AVE.	
PRINCIPAL ENGINEER _____				CITY ENGINEER _____			
TRAFFIC DIVISION _____				DATE _____		X-227A SHEET 1 OF 1 SCALE: 1" = 20' FILE NAME: X227A.DWG	
DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____				DATE _____			

**NOTE:** 1. SIGNAL SYSTEM SHALL HAVE NEW CABLES AND CONDUCTORS AS NOTED.  
2. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.

### DETECTOR SCHEDULE

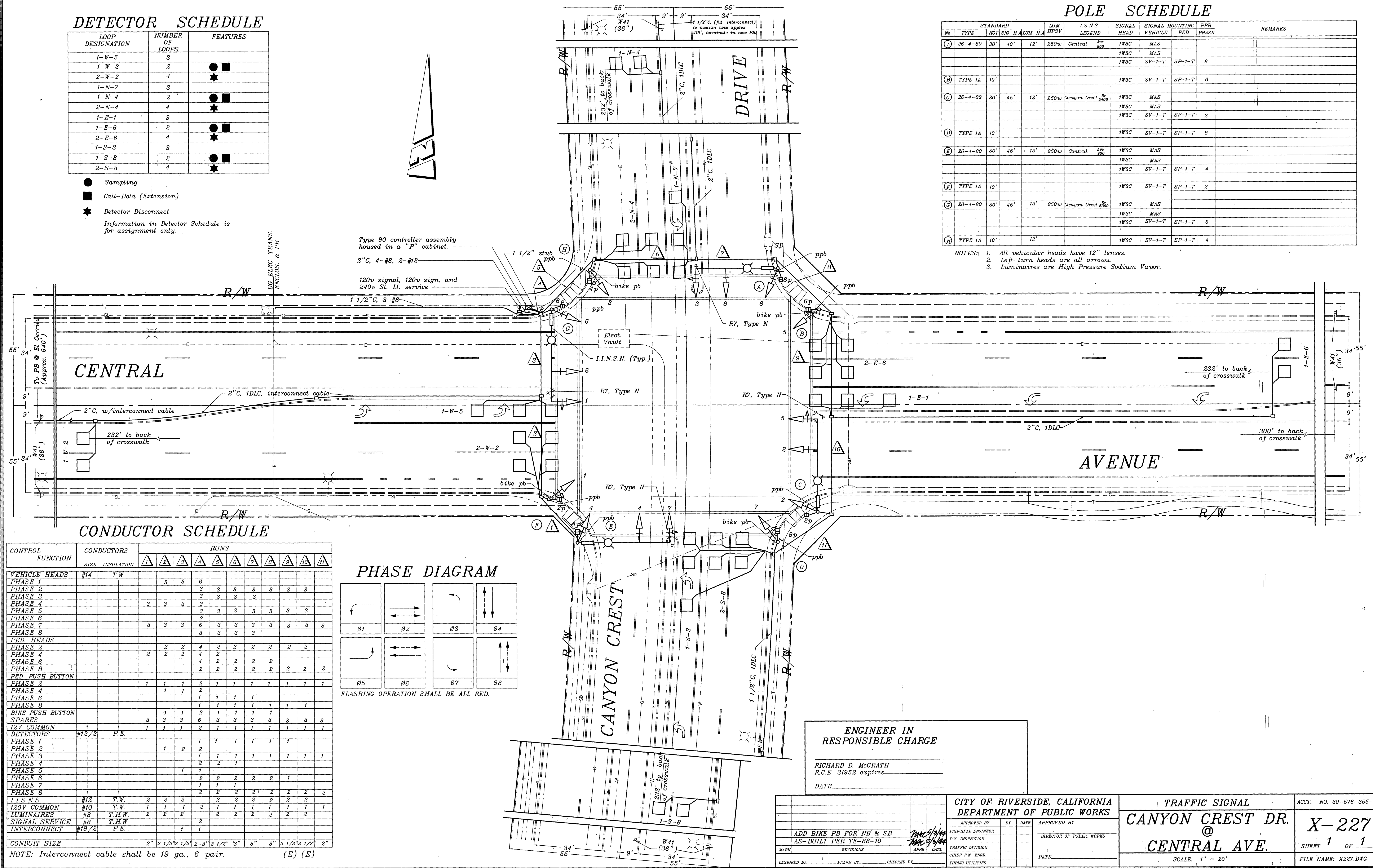
LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1-W-5	3	
1-W-2	2	● ■
2-W-2	4	★
1-N-7	3	
1-N-4	2	● ■
2-N-4	4	★
1-E-1	3	
1-E-6	2	● ■
2-E-6	4	★
1-S-3	3	
1-S-8	2	● ■
2-S-8	4	★

- Sampling
  - Call-Hold (Extension)
  - ★ Detector Disconnect
- Information in Detector Schedule is for assignment only.

### POLE SCHEDULE

No	TYPE	STANDARD			LUM. HPSV	I.S.N.S. LEGEND	SIGNAL HEAD	SIGNAL MOUNTING VEHICLE	PPB PHASE	REMARKS
		HGT	SIG	M A						
(A)	26-4-80	30'	40'	12'	250w	Central Ave 800	1W3C	MAS		
							1W3C	MAS		
							1W3C	SV-1-T	SP-1-T	8
(B)	TYPE 1A	10'					1W3C	SV-1-T	SP-1-T	6
(C)	26-4-80	30'	45'	12'	250w	Canyon Crest Dr 800	1W3C	MAS		
							1W3C	MAS		
							1W3C	SV-1-T	SP-1-T	2
(D)	TYPE 1A	10'					1W3C	SV-1-T	SP-1-T	8
(E)	26-4-80	30'	45'	12'	250w	Central Ave 900	1W3C	MAS		
							1W3C	MAS		
							1W3C	SV-1-T	SP-1-T	4
(F)	TYPE 1A	10'					1W3C	SV-1-T	SP-1-T	2
(G)	26-4-80	30'	45'	12'	250w	Canyon Crest Dr 800	1W3C	MAS		
							1W3C	MAS		
							1W3C	SV-1-T	SP-1-T	6
(H)	TYPE 1A	10'		12'			1W3C	SV-1-T	SP-1-T	4

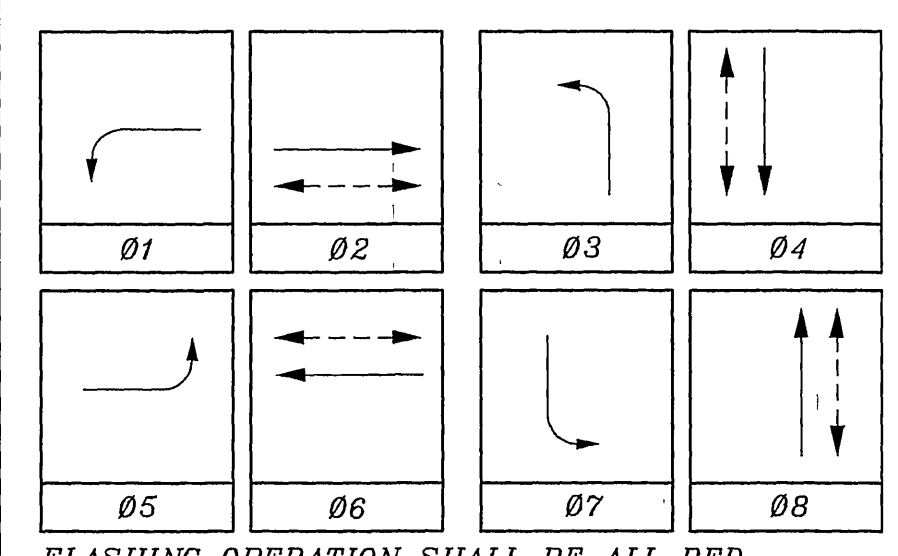
- NOTES:
- All vehicular heads have 12" lenses.
  - Left-turn heads are all arrows.
  - Luminaires are High Pressure Sodium Vapor.



### CONDUCTOR SCHEDULE

CONTROL FUNCTION	CONDUCTORS		RUNS										
	SIZE	INSULATION	1	2	3	4	5	6	7	8	9	10	11
VEHICLE HEADS	#14	T.W.											
PHASE 1				3	3	6							
PHASE 2				3	3	3	3	3	3	3	3	3	3
PHASE 3				3	3	3	3	3	3	3	3	3	3
PHASE 4			3	3	3	3							
PHASE 5				3	3	3	3	3	3	3	3	3	3
PHASE 6				3	3	3	3	3	3	3	3	3	3
PHASE 7			3	3	3	6	3	3	3	3	3	3	3
PHASE 8			3	3	3	3	3	3	3	3	3	3	3
PED. HEADS				2	2	4	2	2	2	2	2	2	2
PHASE 2				2	2	4	2	2	2	2	2	2	2
PHASE 4			2	2	2	4	2	2	2	2	2	2	2
PHASE 6				4	2	2	2	2	2	2	2	2	2
PHASE 8				2	2	2	2	2	2	2	2	2	2
PED PUSH BUTTON				1	1	1	2	1	1	1	1	1	1
PHASE 2			1	1	1	2	1	1	1	1	1	1	1
PHASE 4				1	1	1	2	1	1	1	1	1	1
PHASE 6				1	1	1	1	1	1	1	1	1	1
PHASE 8				7	1	1	7	1	1	1	1	1	1
BIKE PUSH BUTTON				1	1	2	1	1	1	1	1	1	1
SPARES			3	3	3	6	3	3	3	3	3	3	3
12V COMMON			1	1	1	2	1	1	1	1	1	1	1
DETECTORS	#12/2	P.E.											
PHASE 1				1	1	1	1	1	1	1	1	1	1
PHASE 2			1	2	2								
PHASE 3				1	1	1	1	1	1	1	1	1	1
PHASE 4				2	2	1							
PHASE 5				1	1								
PHASE 6				2	2	2	2	2	2	2	2	2	2
PHASE 7				1	1	1							
PHASE 8				2	2	2	2	2	2	2	2	2	2
I.S.N.S.	#12	T.W.	2	2	2	2	2	2	2	2	2	2	2
120V COMMON	#10	T.W.	1	1	1	2	1	1	1	1	1	1	1
LUMINAIRES	#8	T.H.W.	2	2	2	2	2	2	2	2	2	2	2
SIGNAL SERVICE	#8	T.H.W.				2							
INTERCONNECT	#19/2	P.E.		1	1								
CONDUIT SIZE			2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	3"	3"	2 1/2"	2 1/2"

### PHASE DIAGRAM



FLASHING OPERATION SHALL BE ALL RED.

**ENGINEER IN RESPONSIBLE CHARGE**  
 RICHARD D. McGRATH  
 R.C.E. 31952 expires  
 DATE \_\_\_\_\_

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		TRAFFIC SIGNAL		ACCT. NO. 30-576-355-02
APPROVED BY _____ BY DATE _____		CANYON CREST DR. @ CENTRAL AVE.		X-227
ADD BIKE PB FOR NB & SB AS-BUILT PER TE-88-10		DIRECTOR OF PUBLIC WORKS		SHEET 1 OF 1
MARK _____	REVISIONS _____	DATE _____	DATE _____	FILE NAME: X227.DWG
DESIGNED BY _____	DRAWN BY _____	CHECKED BY _____	DATE _____	SCALE: 1" = 20'

NOTE: Interconnect cable shall be 19 ga., 6 pair. (E) (E)