CONDUCTOR SCHEDULE

CONTROL FUNCTION	CONDUCTORS SIZE	CONDUCTORS INSULATION	CONDUIT RUN 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Vehicle Head	#14	TW																				
2			3	3		3	3	3	3													
4			3	3		3	3	3	3													
5				3		3	3	3	3													
6					3	3	3	3	3													
8						3	3	6	6													
Ped. Heads																						
4			2	2		2	2	4	4													
6							2	4	4													
Ped. Push Button																						
4			1	1		1	1	2	2													
6							1	2	2													
8 Bike							1	2	2													
12V Common			1	1		1	1	2	2													
Spares			3	3	3	6	6	9	9													
Det. Cable	#14	P.E.																				
2			2	2		2	2	2	3													
4					1	2	2	2	3													
5			1	1		1	1	2	2													
6						2	2	2	2													
8 (Fut.)			1	1		1	1	1	1													
I.T.S.N.S.	#12	TW	2	2	2	2	2	2														
120V Common	#10	THW	1	1	1	1	2	2	2													
Luminaire	#8	THW	2	2	2	2	2	2														
Signal Service to Interconnect (Future)	#6	TW				2	2	2	2													
TOTALS	#4	TW	13	16	6	26	29	42	42													
	#6/8	TC	2	4	1	1	2	6	9													
	#12	TW	2	2	2	2	2	2														
	#10	TW	1	1	1			2	2													
	#8	THW	2	2		2	2	2	2													
	#6	TW				2	2	2	2													
#4 EQUIV.			33.5	36.5	11.7	66.5	69.5	81	77													
CONDUIT SIZE			2½"	2½"	2"	3½"	3½"	5"	5"													

DETECTOR SCHEDULE

CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	1-N-4	1	
2	2-N-4	3	
1	3-E-4	2	▲
2	BLANK		
1	1-E-6	2	● ■
2	2-E-6	4	
1	1-W-2	2	● ■
2	2-W-2	4	
1	1-W-5	3	
2	1-S-B	1	▲ (Future)

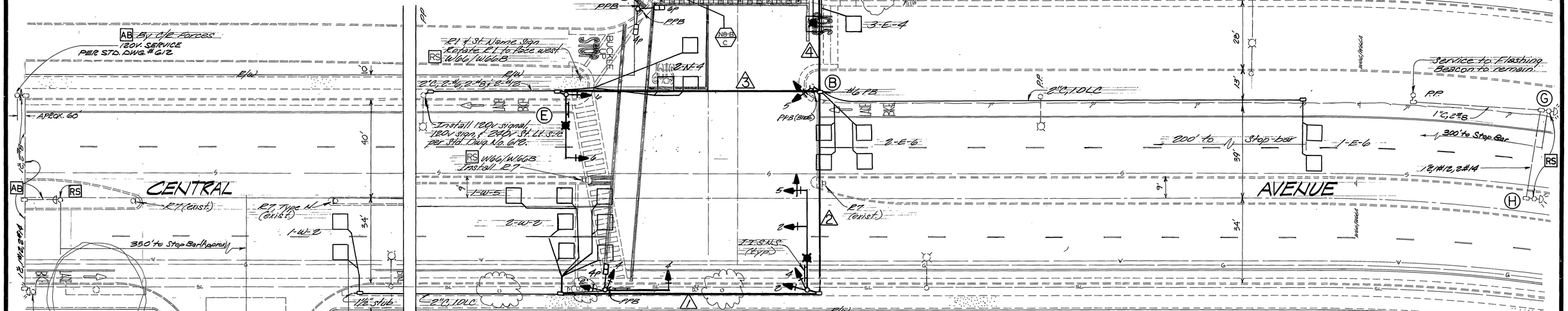
● Sampling (Future)
■ Call-hold (extension)
▲ Delay

Notes: 1. Detectors shall be rack-mounted 2 channel (See Special Provisions)
2. Sampling (Future) loops shall also perform normal operation.
3. Detector functions shall be by internal logic (programmable)

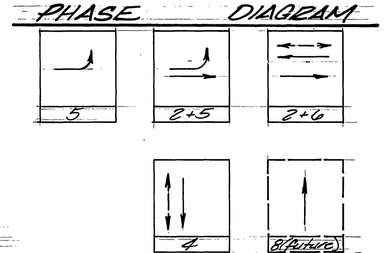
EQUIPMENT SCHEDULE

LOCATION	STANDARD	VEHICLE HEADS HEAD	VEHICLE HEADS MOUNTING	VEHICLE HEADS BACK PLATE	PEDESTRIAN HEADS HEAD	PEDESTRIAN HEADS MOUNTING	PEDESTRIAN HEADS PPB	LUMINAIRE WATTAGE	INT ILLUM STREET NAME SIGN	REMARKS
A	Type 15 10'LA				1W2C	SP-1-T	1	100w		
B	1A(10)	1W3C	TV-1-T	1						Bike lane push button with symbols to be installed
C	26-4-80	1W3C	MAS	1				250w	Falkirk AV 3300	
	40SA	1W3C	MAS	1						
		2W3C	SV-2-TB	2						
D	18-2-80	1W3C	MAS	1						
	12-4-25SA	2W3C	SV-2TB	2	1W2C	SP-1-T	1		Central AV 3300	
E	19-2-80	1W3C	MAS	1				250w	Falkirk AV 3300	
	25SA	1W3C	SV-1-T	1						
F	1A(7)				1W2C	SP-2-T	2			
G	1A(14)									See Construction Note 3
H	1A(14)									See Construction Note 3

NOTES:
1. 1A poles shall be aluminum.
2. Vehicular heads shall have 12" lenses
3. Left-turn vehicular heads shall have arrows.
4. Luminaires shall be High Pressure Sodium Vapor.



PHASE DIAGRAM



Flashing indication: All Red

STRIPING LEGEND

- New striping and/or pavement markings to be installed.
- Existing striping and/or pavement markings to remain
- Existing striping and/or pavement markings to be removed

QUANTITIES

REMOVALS: 605 S.F.

INSTALLATIONS: 680 S.F. (pavement markings)
120 L.F. (striping)

CONSTRUCTION NOTES:

1. Detector loops shall be installed in the presence of the Traffic Engineer or his representative.
2. All signs, striping, and pavement marking requirements shall be completed at least one day prior to turn-on.
3. Signs and control unit shall be removed and salvaged from existing flashing beacon poles and replaced with W41 signs. Applicable for locations G and H.

N8-B C — Construct wheelchair ramp per Caltrans Std. Plans, Case C. Modify sprinkler system as required.

304 — Construct wheelchair ramp per C/E Std. Dwg. No. 304.

325 — Construct PCC sidewalk per C/E Std. Dwg. No. 325.

ENGINEER IN RESPONSIBLE CHARGE
Barry Beck
BARRY BECK
R.C.E. No. 20900 expires 9/30/93
DATE 2/22/90

REGISTERED PROFESSIONAL ENGINEER BARRY BECK No. 20900 CIVIL STATE OF CALIFORNIA

CONTRACT TE-90-2

MARK | REVISIONS | APPR. | DATE

DESIGNED BY [illegible] DRAWN BY MRC CHECKED BY [illegible]

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER	[illegible]	2/21/90
~~PARK DEPARTMENT~~		
TRAFFIC DIVISION	[illegible]	1-24-90
~~CITY~~ W. ENGINEER	[illegible]	2/21/90
Public Utilities	[illegible]	2/21/90

APPROVED BY [illegible]
PUBLIC WORKS DIRECTOR
DATE 2/22/90

TRAFFIC SIGNALS

CENTRAL AVENUE AND FALKIRK AVENUE

ACCOUNT NO. 30-5716-3710-00

X-472

SHEET 1 OF 1

HORIZ. SCALE: 1" = VERT. SCALE: 1" =