CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS 1	2	3	4	4a	5	5a	6	7	8	9	10	11	12
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	1	2	3		4	4		8	8	1	2	2	1	
	9 WIRE IMSA														
	5 WIRE IMSA														
	3 WIRE IMSA	1	2	4		4	5		10	10	1	2	2	1	
DETECTOR CABLE	#16/2														
PHASE 1									1	1		1	1	1	1
PHASE 2					2			2	2	2					
PHASE 2 BIKE (FUT.)					1		1		1	1					
PHASE 3				1	1	1	1		1	1					
PHASE 4									2	2	2				
PHASE 5								1	1	1					
PHASE 6									2	2		2			
PHASE 6 BIKE (FUT.)									1	1		1			
PHASE 7									1	1	1				
PHASE 8				2	2		2		2	2					
INTERCONNECT	#20								1						
I.I.S.N.S.	#12														
LUMINAIRES	#8	2	2	2	2	2	2	2				2	2	2	
SIGNAL SERVICE	#6		2	2		2		2	2	2					
CONDUIT SIZE		2" (N)	2" (E)	2" (E)	2.5" (E)	2" (E)	2.5" (E)	2" (E)	2-3" (E)	2-3" (E)	2" (E)	2.5" (E)	2" (E)	2" (E)	1.5" (E)

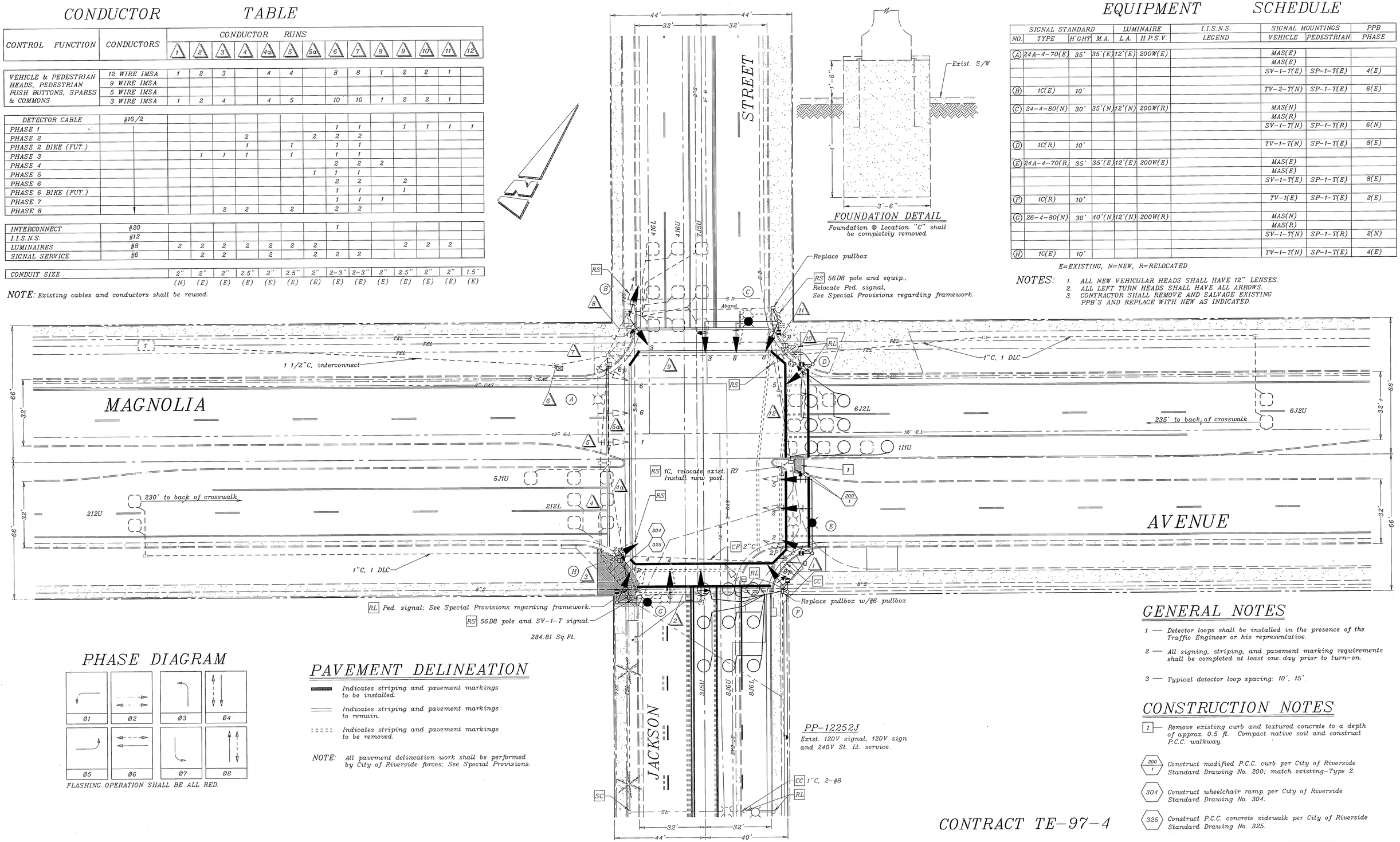
NOTE: Existing cables and conductors shall be reused.

EQUIPMENT SCHEDULE

	SIGNAL STANDARD NO.	TYPE	HT	M.A.	LUMINAIRE L.A.	H.P.S.V.	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS VEHICLE	PEDESTRIAN	PPB PHASE
A	24A-4-70(E)	35'	35'(E)	12'(E)	200W(E)			MAS(E)		
								MAS(E)		
								SV-1-T(E)	SP-1-T(E)	4(E)
B	1C(E)	10'						TV-2-T(N)	SP-1-T(E)	6(E)
C	24-4-80(N)	30'	35'(N)	12'(N)	200W(R)			MAS(N)		
								MAS(R)		
								SV-1-T(N)	SP-1-T(R)	6(N)
D	1C(R)	10'						TV-1-T(N)	SP-1-T(E)	8(E)
E	24A-4-70(R)	35'	35'(E)	12'(E)	200W(E)			MAS(E)		
								MAS(E)		
								SV-1-T(E)	SP-1-T(E)	8(E)
F	1C(R)	10'						TV-1(E)	SP-1-T(E)	2(E)
G	26-4-80(N)	30'	40'(N)	12'(N)	200W(R)			MAS(N)		
								MAS(R)		
								SV-1-T(N)	SP-1-T(R)	2(N)
H	1C(E)	10'						TV-1-T(N)	SP-1-T(E)	4(E)

E=EXISTING, N=NEW, R=RELOCATED

NOTES:
1. ALL NEW VEHICULAR HEADS SHALL HAVE 12" LENSES.
2. ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
3. CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING PPB'S AND REPLACE WITH NEW AS INDICATED.



PHASE DIAGRAM

FLASHING OPERATION SHALL BE ALL RED.

PAVEMENT DELINEATION

Indicates striping and pavement markings to be installed.

Indicates striping and pavement markings to remain.

Indicates striping and pavement markings to be removed.

NOTE: All pavement delineation work shall be performed by City of Riverside forces; See Special Provisions.

GENERAL NOTES

1 — Detector loops shall be installed in the presence of the Traffic Engineer or his representative.

2 — All signing, striping, and pavement marking requirements shall be completed at least one day prior to turn-on.

3 — Typical detector loop spacing: 10', 15'.

CONSTRUCTION NOTES

1 — Remove existing curb and textured concrete to a depth of approx. 0.5 ft. Compact native soil and construct P.C.C. walkway.

200/1 Construct modified P.C.C. curb per City of Riverside Standard Drawing No. 200; match existing-Type 2.

304 Construct wheelchair ramp per City of Riverside Standard Drawing No. 304.

325 Construct P.C.C. concrete sidewalk per City of Riverside Standard Drawing No. 325.

CONTRACT TE-97-4

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call
CALL TOLL FREE
TWO WORKING DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
1-800-227-2600

ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
RICHARD D. McGRATH
R.C.E. No. 31952 expires 12-31-2000
DATE 5/28/97

REGISTERED PROFESSIONAL ENGINEER RICHARD D. McGRATH No. 31952 Exp. 12-31-2000 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY [illegible] DRAWN BY MAC CHECKED BY [illegible]

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

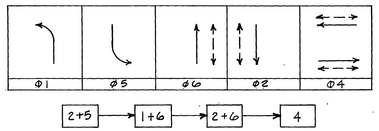
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	5/28/97
P.W. INSPECTION		
TRAFFIC DIVISION	[illegible]	5/28/97
CHIEF P.W. ENGR.		
PUBLIC UTILITIES	[illegible]	5/21/97

APPROVED BY [illegible] DIRECTOR OF PUBLIC WORKS DATE 5/29/97

TRAFFIC SIGNAL MODIFICATION
MAGNOLIA AVENUE @ JACKSON STREET
SCALE: 1" = 20'

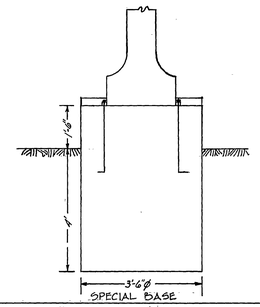
ACCT. NO. 0432-541600-440302-35050
X-305A
SHEET 1 OF 1
FILE NAME: X305A.DWG

PHASE DIAGRAM



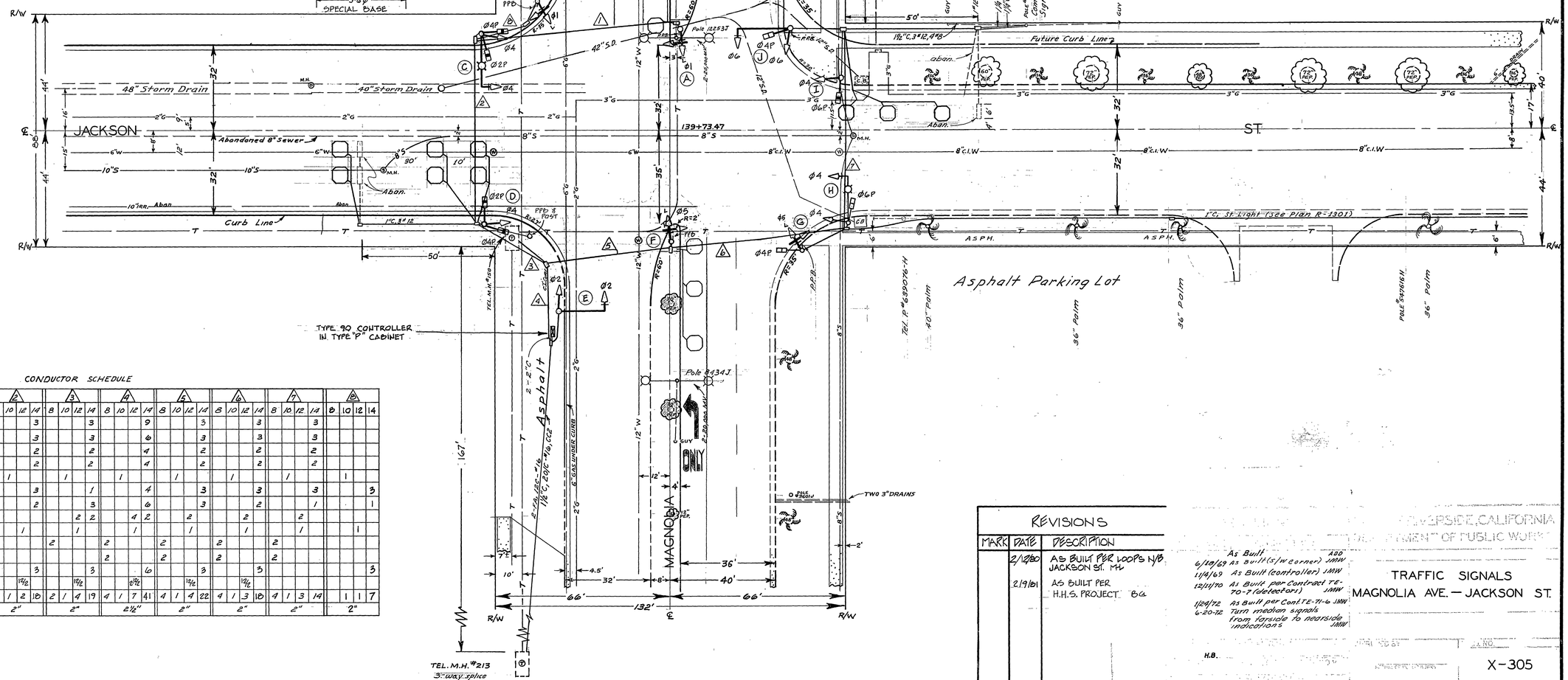
SEQUENCE WITH CALLS ON ALL PHASES
FLASHING INDICATION: ALL RED

SCALE: 1" = 20'



EQUIPMENT SCHEDULE

LOCATION	STANDARD	VEHICLE HEADS: HEAD	VEHICLE HEADS: MOUNTING	VEHICLE HEADS: BACK PLATE	PEDESTRIAN HEADS: HEAD	PEDESTRIAN HEADS: MOUNTING	LUMINAIRE: PPB	LUMINAIRE: WATTAGE	INT. ILLUM. STREET NAME SIGN	REMARKS
A	TYPE I-C	1W 3C	TV-1-T	1			1			
		R,Y,12"GA								
B	TYPE I-A	1W 3C	TV-1-T	1			1			ALUMINUM TYPE-1
		R,Y,12"GA								
C	TYPE 56	1W3C	MAS	1				400		SEE DETAIL OF SPECIAL BASE
	18'SA,8'LA	1W3C	SV-1-T		2W2C	SP-2-T				
D	TYPE I-C	1W3C	TV-1-T		2W2C	SP-2-T				
E	TYPE II	1W3C	MAS	1						
	18'SA	1W3C	SV-1-T							
F	TYPE I-C	1W3C	TV-1-T	1			1			
		R,Y,12"GA								
G	TYPE I-A	1W3C	TV-1-T	1	1W2C	SP-1-T	1			ALUMINUM TYPE-1
		R,Y,12"GA								
H	TYPE 56	1W3C	MAS	1				400		
	18'SA,6'LA	1W3C	SV-1-T		1W2C	SP-1-T				
I	TYPE-I	1W3C	TV-1-T		1W2C	SP-1-T				
J	TYPE II	1W3C	MAS	1			1			
	18'SA	1W3C	SV-1-T		1W2C	SP-1-T				



CONDUCTOR SCHEDULE

CONDUCTOR RUN	1				2				3				4				5				6				7				8			
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14
Ø2, Ø6				3				3				3				9				3				3				3				
Ø4								3				3				6				3				3				3				
Ø2, Ø6 W-DW								2				2				4				2				2				2				
Ø4 W-DW								2				2				4				2				2				2				
110 V. Neutral		1					1				1				1				1				1				1				1	
Spares				3				3				1				4				3				3				3				3
Ø4 P.P.B.				1				2				3				6				3				2				1				1
Ø4 Det											2	2			4	2			2				2				2					
12 V. Neutral			1				1				1				1				1				1				1				1	
Luminaires					2				2				2				2				2				2							
Signal Service													2				2				2				2							
Ø1, Ø5				3				3				3				6				3				3								3
Ø1, Ø5 DET. CABLE			12½				12½				12½				6 2½				12½				12½									
TOTAL CONDUCTORS	1	2	10		2	1	2	18	2	1	4	19	4	1	7	41	4	1	4	22	4	1	3	18	4	1	3	14		1	1	7
CONDUIT SIZE	1½"				2"				2"				2½"				2"				2"				2"				2"			

REVISIONS

MARK	DATE	DESCRIPTION
	2/12/80	AS BUILT PER LOOPS N/B JACKSON ST. MH
	2/9/81	AS BUILT PER H.H.S. PROJECT 6a

As Built

6/18/69	As Built (S/W Corner)	ADD JMW
11/4/69	As Built (controller)	JMW
12/14/70	As Built per Contract TE-70-7 (detectors)	JMW
1/24/72	As Built per Cont. TE-71-6	JMW
6-20-72	Turn median signals from longside to nearside indications	JMW

H.B.

RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

TRAFFIC SIGNALS
MAGNOLIA AVE. — JACKSON ST.

DWN. BY | TR. NO.
CHK. BY | DATE
APPR. BY | SP. OF.

X-305

MISSION BLUEPRINT CO.