POLE SCHEDULE

No.	STANDARD TYPE	MOT.	SIG. M.A.	LUM. M.A.	LUM. HPSV	I.S.N.S. LEGEND	SIGNAL HEAD	SIGNAL MOUNTING VEHICLE	SIGNAL MOUNTING PED	PPB PHASE	REMARKS
Ⓐ	18-2-80	17'	30'			COLUMBIA AV 1800	1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	8	
Ⓑ	19-2-80	30'	25'	12'	250W	CHICAGO AV 1200	1W3C	MAS			
							1W3C	SV-1-T	SP-1-T	8	
Ⓒ	1A	7'							TP-1-T	2	
Ⓓ	TYPE 15	30'		12'	250W				SP-1-T	2	
Ⓔ	1A	10'					1W3C	TV-1-T			
Ⓕ	17-2-80	30'	20'	12'	250W	CHICAGO AV 1200	1W3C	MAS			
							2W3C	SV-2-TD			

NOTE: 1. ALL 1A STANDARDS SHALL BE ALUMINUM.
2. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
3. LUMINAIRES SHALL BE HIGH PRESSURE SODIUM VAPOR.
4. SIGN PANEL AT LOCATION "A"; LEGEND ON ONE SIDE ONLY.

DETECTOR SCHEDULE

CHANNELS	LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
1	1I9U		FUTURE
2	2I2U	2	● ■
1	2I4U	4	✸
2	6J2U	2	● ■
1	6J2L	3	
2	6J4U	4	✸
1	8J6U	3	
2	8J6L	3	
1	8J7U	3	▲
2	BLANK		FUTURE
1	BLANK		FUTURE
2	BLANK		FUTURE

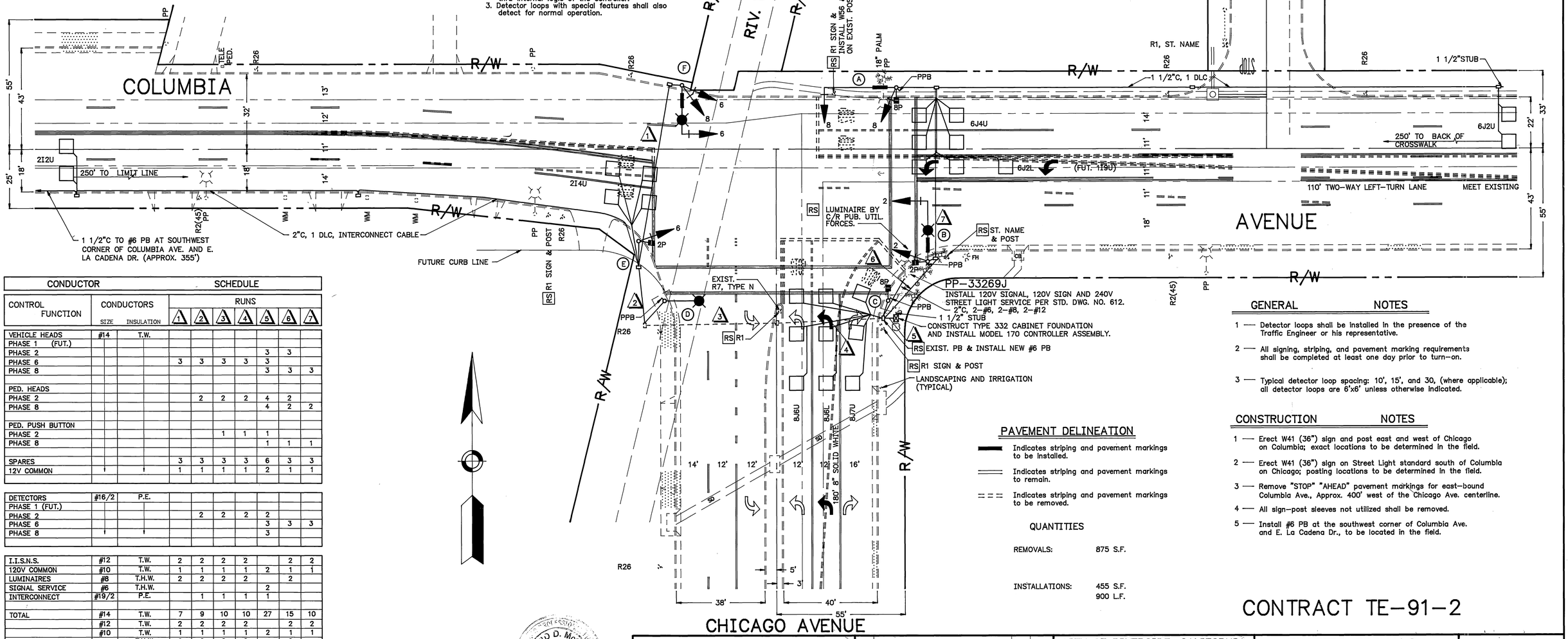
● SAMPLING (future)
■ CALL-HOLD (extension)
▲ DELAY
✸ DETECTOR DISCONNECT

1. Detectors shall be 2-channel rack-mounted.
2. Detector timing features shall be accomplished thru internal logic of the controller.
3. Detector loops with special features shall also detect for normal operation.

PHASE DIAGRAM

(FUT.) Ø1	Ø2	(FUT.) Ø3	Ø4
(FUT.) Ø5	Ø6	(FUT.) Ø7	Ø8

FLASHING OPERATION SHALL BE ALL RED.



CONDUCTOR SCHEDULE

CONTROL FUNCTION	CONDUCTORS SIZE	CONDUCTORS INSULATION	RUNS 1	2	3	4	5	6	7
VEHICLE HEADS	#14	T.W.							
PHASE 1 (FUT.)									
PHASE 2							3	3	
PHASE 6			3	3	3	3	3		
PHASE 8							3	3	3
PED. HEADS									
PHASE 2				2	2	2	4	2	
PHASE 8							4	2	2
PED. PUSH BUTTON									
PHASE 2					1	1	1		
PHASE 8							1	1	1
SPARES			3	3	3	3	6	3	3
12V COMMON			1	1	1	1	2	1	1
DETECTORS	#16/2	P.E.							
PHASE 1 (FUT.)									
PHASE 2				2	2	2	2		
PHASE 6							3	3	3
PHASE 8							3		
I.I.S.N.S.	#12	T.W.	2	2	2	2		2	2
120V COMMON	#10	T.W.	1	1	1	1	2	1	1
LUMINAIRES	#8	T.H.W.	2	2	2	2		2	
SIGNAL SERVICE	#6	T.H.W.					2		
INTERCONNECT	#19/2	P.E.		1	1	1	1		
TOTAL	#14	T.W.	7	9	10	10	27	15	10
	#12	T.W.	2	2	2	2		2	2
	#10	T.W.	1	1	1	1	2	1	1
	#8	T.H.W.	2	2	2	2		2	
	#6	T.H.W.					2		
	#16/2	P.E.		2	2	2	8	3	3
	#19/2	P.E.		1	1	1	1		
#14 EQUIV.			11.5	22.5	23.5	32.5	61	28.5	23.9
CONDUIT SIZE			2"	2.5"	2.5" (E)	2.5" (E)	3"	3"	3"

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.

QUANTITIES

REMOVALS: 875 S.F.

INSTALLATIONS: 455 S.F.
900 L.F.

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', and 30, (where applicable); all detector loops are 6'x6' unless otherwise indicated.

CONSTRUCTION NOTES

1 — Erect W41 (36") sign and post east and west of Chicago on Columbia; exact locations to be determined in the field.

2 — Erect W41 (36") sign on Street Light standard south of Columbia on Chicago; posting locations to be determined in the field.

3 — Remove "STOP" "AHEAD" pavement markings for east-bound Columbia Ave., Approx. 400' west of the Chicago Ave. centerline.

4 — All sign-post sleeves not utilized shall be removed.

5 — Install #6 PB at the southwest corner of Columbia Ave. and E. La Cadena Dr., to be located in the field.

CONTRACT TE-91-2

RICHARD D. McGRATH No. 31952 12-31-92 REGISTERED PROFESSIONAL ENGINEER CIVIL STATE OF CALIFORNIA

ENGINEER IN RESPONSIBLE CHARGE
Richard D. McGrath
RICHARD D. McGRATH
R.C.E. No. 31952 expires 12-31-92
DATE 5/17/91

MARK	REVISIONS	APPR.	DATE

DESIGNED BY MAC DRAWN BY MAC CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		5/16/91
P.W. INSPECTION		5/17/91
TRAFFIC DIVISION		5/16/91
CHIEF P.W. ENGR.		5/16/91
PUBLIC UTILITIES		5/6/91

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5/16/91

TRAFFIC SIGNALS
CHICAGO AVENUE AND COLUMBIA AVENUE
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1"

ACCT NO. 30-576-395-02
X-232
SHEET 1 OF 1
FILE NO.