

EQUIPMENT SCHEDULE

NO.	SIGNAL STANDARD	TYPE	H'GHT	M.A.	LUMINAIRE	I.I.S.N.S. LEGEND	SIGNAL MOUNTINGS			PPB PHASE	REMARKS
							VEHICLE	PEDESTRIAN	AUDIBLE		
(A)	26-4-80(N)	30'	45'(N)	12'(N)	250W(N)	COLUMBIA(N)	MAS(N)	SV-1-T(N)	NONE	8(N)	RS 24A-4-70
(B)	1A(N)	10'					TV-1-T	SP-1-T(N)	NONE	2(N)	
(C)	29-5-80(N)	30'	55'(N)	12'(N)	250W(R)	IOWA(N)	MAS(N)	SV-1-T(N)	NONE	2(N)	RS 68J10G18
(D)	1A(N)	10'					TV-1-T	SP-1-T(N)	NONE	4(N)	
(E)	29-5-80(N)	30'	50'(N)	12'(N)	250W(R)	COLUMBIA(N)	MAS(N)	SV-1-T(N)	NONE	4(N)	RS 26A-4-70
(F)	1A(N)	10'					TV-1-T	SP-1-T(N)	NONE	6(N)	
(G)	26-4-80(N)	30'	40'(N)	12'(N)	250W(R)	IOWA(N)	MAS(N)	SV-1-T(N)	NONE	6(N)	RS 68J10G18
(H)	1A(N)	10'					TV-1-T	SP-1-T(N)	NONE	8(N)	

(E) = EXISTING (N) = NEW (R) = RELOCATE

- NOTES:
- ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
  - ALL LEFT TURN HEADS SHALL HAVE ALL ARROWS.
  - PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON THE POLE IN THE QUADRANT NEAREST THE CROSSWALK SERVING THE PHASE.
  - TYPE 1-A STANDARDS SHALL BE ALUMINUM.
  - LUMINAIRES SHALL BE HIGH PRESSURE SODIUM VAPOR.
  - REMOVE AND SALVAGE ALL EQUIPMENT NOT TO BE REUSED.

PP #J36566

RISER DETAIL

INSTALL 120V SIGNAL, 120V SIGN AND 240V STREET LIGHT SERVICES PER STANDARD DRAWING NO. 612. REMOVE EXISTING CONDUIT.

CONDUCTOR TABLE

CONTROL FUNCTION	CONDUCTORS	CONDUCTOR RUNS							
		1	2	3	4	5	6	7	8

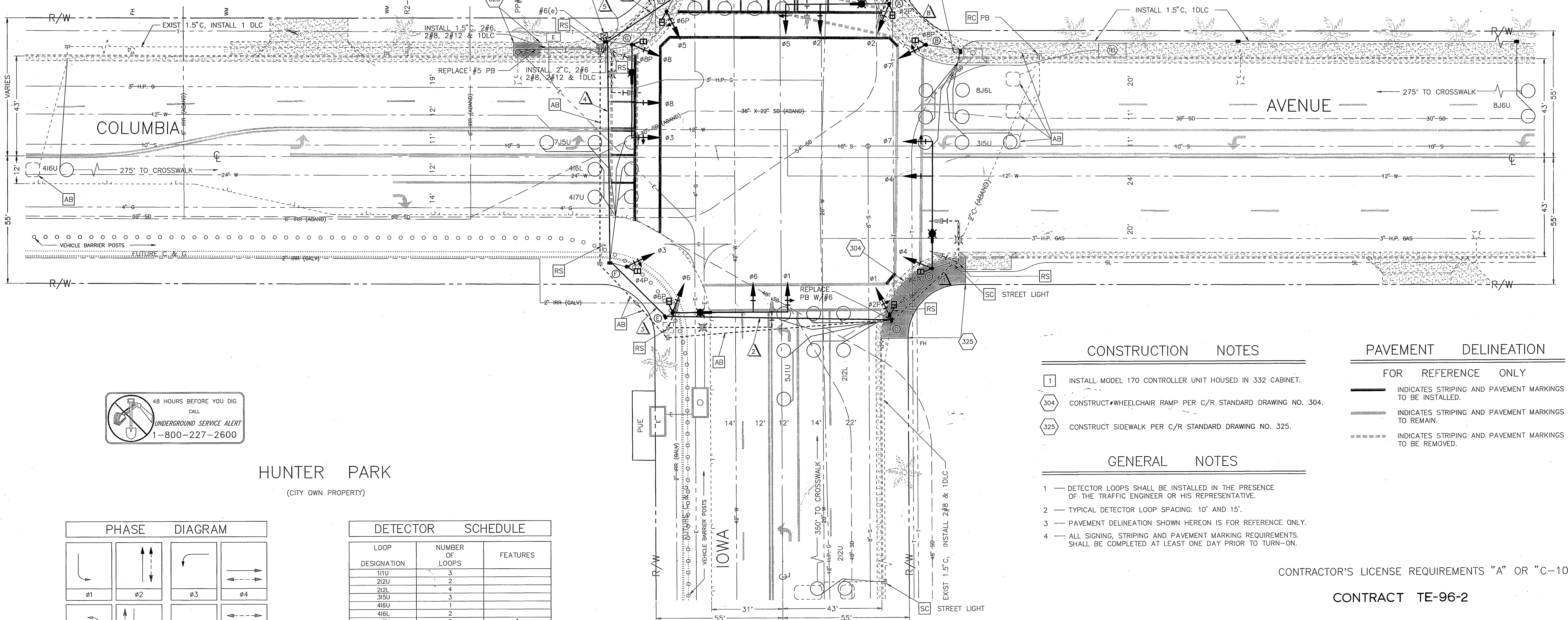
VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS	12 WIRE IMSA	9 WIRE IMSA	5 WIRE IMSA	3 WIRE IMSA	1	2	3	4	5	6	7	8
	1	1	2	2	4	1	1	1	1	1	1	1

DETECTOR CABLE	#16/2	1	2	3	4	5	6	7	8
PHASE 1									
PHASE 2		2	2	2	2				
PHASE 3						1	1	1	1
PHASE 4						2	2		
PHASE 5		1	1	1	1				
PHASE 6						3	3		
PHASE 7						1	1		
PHASE 8						2	2	2	2
TOTALS		3	3	6	13	7	3	3	3

INTERCONNECT CABLE	#19	1	2	3	4	5	6	7	8
I.I.S.N.S.	#12	2	2	2	2			2	2
LUMINAIRES	#8	2	2	2	2			2	2
SIGNAL SERVICE	#6							2	

CONDUIT SIZE	2"	2.5"	3"	3"	2-3.5"	3"	2.5"	2"
(E) = EXISTING (N) = NEW	(E)	(N)	(N)	(N)	(N)	(N)	(N)	(E)

SYSTEM SHALL HAVE NEW CABLES AND CONDUCTORS.



CONSTRUCTION NOTES

- INSTALL MODEL 170 CONTROLLER UNIT HOUSED IN 332 CABINET.
- CONSTRUCT WHEELCHAIR RAMP PER C/R STANDARD DRAWING NO. 304.
- CONSTRUCT SIDEWALK PER C/R STANDARD DRAWING NO. 325.

PAVEMENT DELINEATION

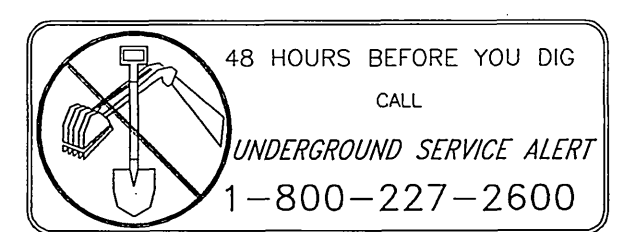
- FOR REFERENCE ONLY
- INDICATES STRIPING AND PAVEMENT MARKINGS TO BE INSTALLED.
  - INDICATES STRIPING AND PAVEMENT MARKINGS TO REMAIN.
  - INDICATES STRIPING AND PAVEMENT MARKINGS TO BE REMOVED.

GENERAL NOTES

- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- TYPICAL DETECTOR LOOP SPACING: 10' AND 15'.
- PAVEMENT DELINEATION SHOWN HEREON IS FOR REFERENCE ONLY.
- ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.

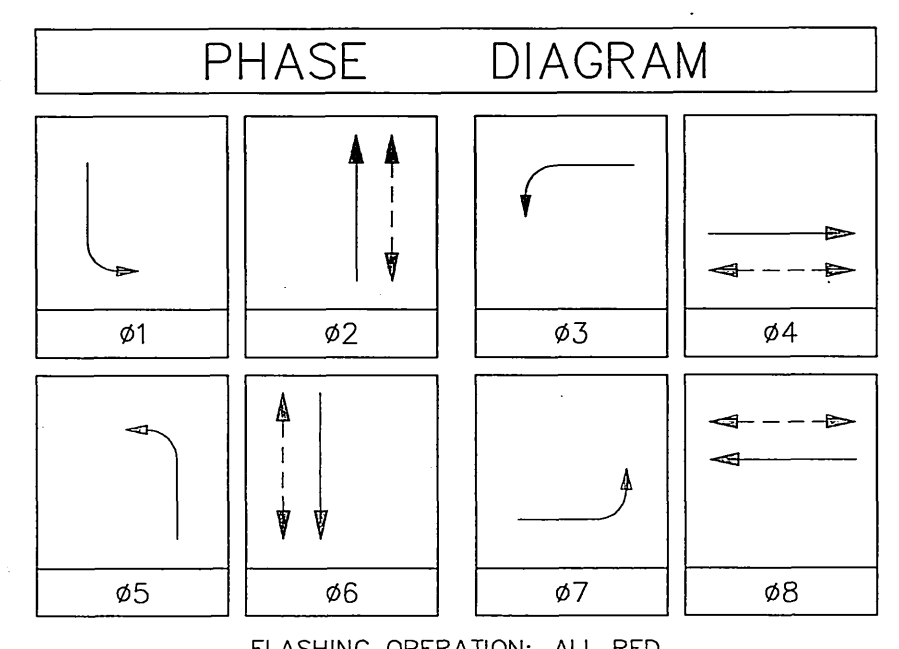
CONTRACTOR'S LICENSE REQUIREMENTS "A" OR "C-10"

CONTRACT TE-96-2



HUNTER PARK

(CITY OWN PROPERTY)



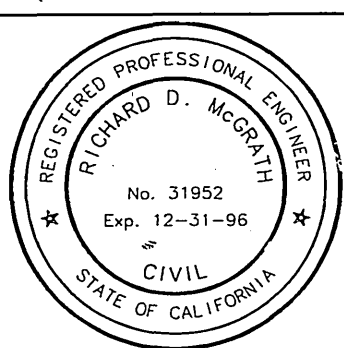
FLASHING OPERATION: ALL RED.

DETECTOR SCHEDULE

LOOP DESIGNATION	NUMBER OF LOOPS	FEATURES
11U	3	
212U	2	
212L	4	
315U	3	
416U	1	
416L	2	
417U	2	
511U	3	▲
612U	2	
612L	4	
613U	2	▲
715U	3	
816U	2	
816L	4	

▲ = DELAY  
NOTE: DETECTORS SHALL BE 2-CHANNEL RACK MOUNTED.

ENGINEER IN RESPONSIBLE CHARGE  
Richard D. McGrath  
RICHARD D. McGRATH  
R.C.E. NO. 31952 EXPIRES 12-31-96  
DATE 2-2-96



MARK	REVISIONS	APPR.	DATE

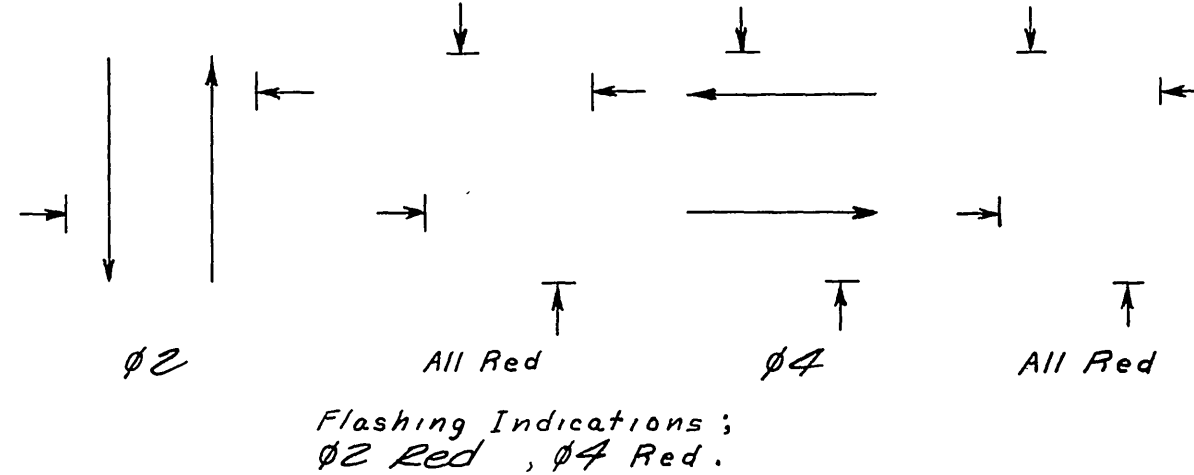
CITY OF RIVERSIDE, CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: [Signature]  
PRINCIPAL ENGINEER  
P.W. INSPECTOR: [Signature]  
TRAFFIC DIVISION  
CHIEF P.W. ENGR.  
PUBLIC UTILITIES

TRAFFIC SIGNAL REVISION  
COLUMBIA AVENUE AND IOWA AVENUE  
SCALE: 1" = 20'

ACCT. NO. 0432-541600-440302-35047  
X-415A  
SHEET 1 OF 1  
FILE NAME: X415A.DWG



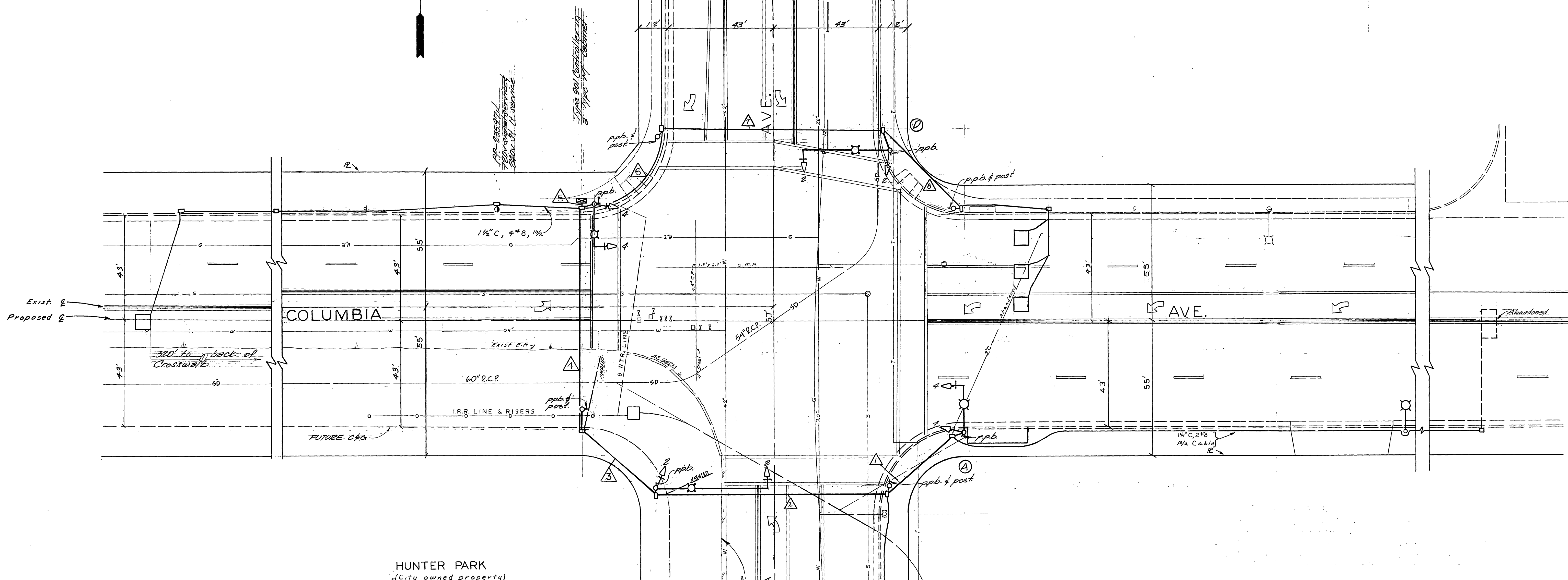
PHASE DIAGRAM



SCALE: N 1" = 20'

EQUIPMENT SCHEDULE

Location	Standard	Vehicle Equipment				Ped. Equipment			Luminaire
		Heads	Mtg.	Back Sight	Lens Size	Heads	Mtg.	R.R.	
A	68-10618	IW3C	B-1	1	3-8"				1000W
		IW3C	M-2	1	3-12"				
B	26-4-70	IW3C	MAB	1	3-8"				1000W
		IW3C	SV-T	1	3-12"				
C	68-10618	IW3C	B-1	1	3-8"				400W
		IW3C	M-2	1	3-12"				
D	26A-4-70	IW3C	B-1	1	3-8"				1000W
		IW3C	M-2	1	3-12"				



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
ØA																
ØB			3				3				3				3	
Spares			3				3				3				3	
120 V. Neutral	1		1		1		1		1		1		1		1	
ØA Det.			1/2				1/2				1/2				1/2	
ØB Det.	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
ØA P.R.B.		1		1		1		1		2		4		1		1
ØB P.R.B.				1				2				4				2
12 V. Neutral		1		1		1		1		1		1		1		1
Luminaires	2		2		2		2		2		2		2		2	
Signal Service									2							
ØB Call Det.										1/2		1/2		1/2		1/2
Total Conductors	2	3	1	7	2	5	1	8	2	5	1	12	2	5	1	13
Conduit Size	2" C		2" C		2" C		2" C		2 1/2" C		2" C		2" C		2" C	

REVISIONS			CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS
MARK	DATE	DESCRIPTION	
	11/2/65	As-Built	IOWA & COLUMBIA AVENUES TRAFFIC SIGNALS
	4/1/70	As-Built (widening 5/5, 1/1W w/o Iowa)	
	8-1-80	AS-BUILT PER CONDUITS NW CORNER	
	4/16/81	AS-BUILT (STORM DRAIN)	
	6/14/83	AS-BUILT PER R-2354 IMPROVEMENT PLAN	

DESIGNED BY A.D.A.	SUBMITTED BY	APPROVED BY	PROJ. NO.
DRAWN BY R.B.B.	PARK DEPT. TRAFFIC DIV.	DIRECTOR OF PUBLIC WORKS	X-415
CHECKED BY	RECOMMENDED BY	ASSISTANT CITY ENGINEER	SHEET OF

Replace cabinet & controller MAC 3/3/70  
 Add P.R.B. & Post to NW Corner MAC 3/6/70  
 As-built 5/5 corner per "B" MAC 3/6/70  
 Rehab.