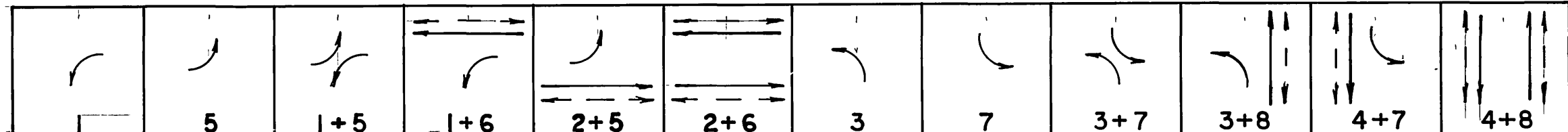


PROPOSED PHASE DIAGRAM



Flashing Indication: All Red

DETECTOR SCHEDULE

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

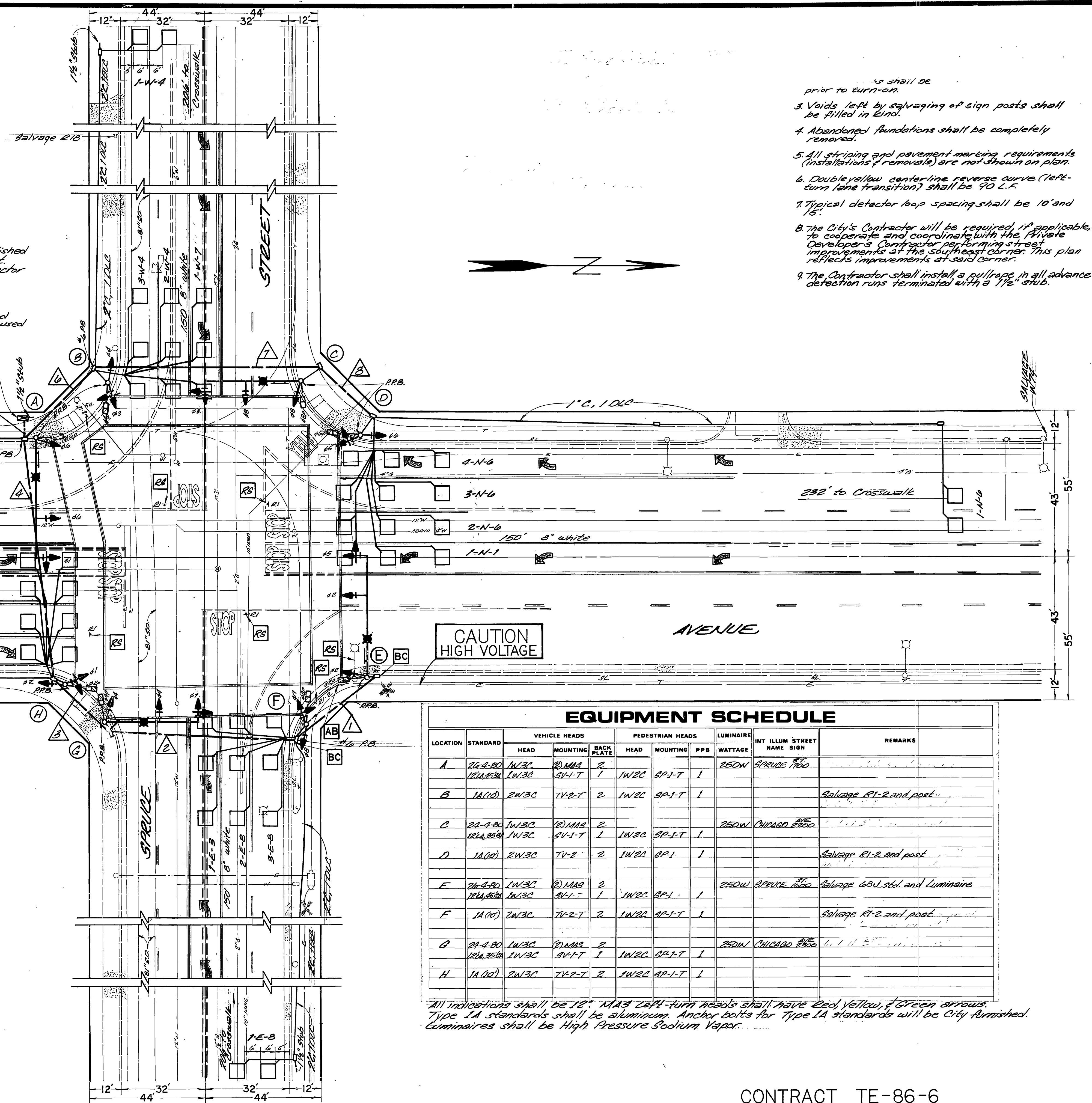
▲ DELAY
 ● CALL-HOLD (Extension)
 ■ ADDITIONAL CHANNEL FOR SAMPLING (Future)
 Defectors shall be rack-mounted 2-channel (also see Special Provisions)
 NOTE: (1) Defector timing features may be accomplished thru internal logic of the controller unit.
 (2) See Special Provisions regarding Defector Disconnected.

22-90 (Encl)

Install Full Actuated Controller Unit housed in P Cabinet.

Install 120V Sign, 120V Signal and 240V Street Lighting Services per Std. Dwg's 612

Luminaire to be salvaged by C/P Public Utilities



1. ... shall be prior to turn-on.
2. Voids left by salvaging of sign posts shall be filled in time.
3. Abandoned foundations shall be completely removed.
4. All striping and pavement marking requirements (installations of removals) are not shown on plan.
5. Double yellow centerline reverse curve (left-turn lane transition) shall be 90 L.F.
6. Typical detector loop spacing shall be 10' and 15'.
7. The City's Contractor will be required, if applicable, to cooperate and coordinate with the Private Developer's Contractor performing street improvements at the southeast corner. This plan reflects improvements at said corner.
8. The Contractor shall install a pull-trace in all advance detection runs terminated with a 1 1/2" stub.

CONDUCTOR SCHEDULE

CONTROL FUNCTION	CONDUCTORS SIZE INSULATION	CONDUIT RUN																					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Vehicular Heads	#12 TW																						
#2		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
#3																							
#4																							
#6		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
#7																							
#8		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Pool Heads																							
#9		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
#10																							
#11		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
#12																							
#13		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
#14																							
#15		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
#16																							
#17																							
#18																							
#19																							
#20																							
Def. Cable (OLD) #12 PE																							
#21																							
#22																							
#23																							
#24																							
#25																							
#26																							
#27																							
#28																							
Int. Illum. Sign	#12 TW	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
120V Common	#12 THW	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
120V Signal	#12 THW	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Signal Service	#12 THW	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
TOTALS	#12 TW	13	22	27	31	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	
	#12 THW	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	#12 THW	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	#12 THW	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
#14 EQUN	(215) (44.5) (47.5) (44.5)																						
CONDUIT SIZE		2"	2 1/4"	3"	3 1/2"	2-3"	3"	3"	2 1/2"	2"													

EQUIPMENT SCHEDULE

LOCATION	STANDARD	VEHICLE HEADS			PEDESTRIAN HEADS			LUMINAIRE WATTAGE	INT ILLUM STREET NAME SIGN	REMARKS
		HEAD	MOUNTING	BACK PLATE	HEAD	MOUNTING	P/B			
A	26-4-80 121A, 853A	1W3C	2) MAS	2	1W2C	8P-I-T	1	250W SPRUCE #600		
B	1A(10)	2W3C	TV-2-T	2	1W2C	8P-I-T	1		Salvage RT-2 and post	
C	26-4-80 121A, 853A	1W3C	2) MAS	2	1W2C	8P-I-T	1	250W CHICAGO #500		
D	1A(10)	2W3C	TV-2-T	2	1W2C	8P-I-T	1		Salvage RT-2 and post	
E	26-4-80 121A, 853A	1W3C	2) MAS	2	1W2C	8P-I-T	1	250W SPRUCE #600	Salvage 681 std. and luminaire	
F	1A(10)	2W3C	TV-2-T	2	1W2C	8P-I-T	1		Salvage RT-2 and post	
G	26-4-80 121A, 853A	1W3C	2) MAS	2	1W2C	8P-I-T	1	250W CHICAGO #500		
H	1A(10)	2W3C	TV-2-T	2	1W2C	8P-I-T	1			

All indications shall be 12" MAS Left-turn heads shall have Red, Yellow, & Green arrows. Type 1A standards shall be aluminum. Anchor bolts for Type 1A standards will be City furnished. Luminaires shall be High Pressure Sodium Vapor.

CONTRACT TE-86-6

APPROVED BY: [Signature] DATE 9/26/86

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

CHICAGO AVENUE AND SPRUCE STREET

TRAFFIC SIGNALS

ACCOUNT NO. 30-576-237-02

X-490

SHEET 1 OF 1

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 10'