

POLE		SCHEDULE						
STANDARD	HTG.	SIG. M.A.	LUM. M.A.	I.S.N.S. LEGEND	SIGNAL HEAD	SIGNAL MOUNTING	PPB PHASE	
1-A	10'				1W3C	TV-1-T	SP-1-T	
17-2-80	30'	20'	10'	200w	THIRD ST. 2000	1W3C	MAS	
1-A	7'				1W3C	SV-1-T	SP-1-T	
26-4-80	30'	40'	15'	250w	KANSAS AVE. 3000	1W3C	MAS	
1-A	10'				1W3C	TV-1-T	SP-1-T	
17-2-80	30'	20'	10'	200w	THIRD ST. 2000	1W3C	MAS	
1-A	7'				1W3C	TV-1-T	SP-1-T	
24-4-80	30'	35'	15'	250w	KANSAS AVE. 3000	1W3C	MAS	
					1W3C	SV-1-T	SP-1-T	

NOTE: 1. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
 2. LUMINAIRES SHALL BE HIGH PRESSURE SODIUM VAPOR.
 3. TYPE 1-A STANDARDS SHALL BE ALUMINUM.
 4. PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON POLE QUADRANT AS SHOWN.

CONSTRUCTION NOTES

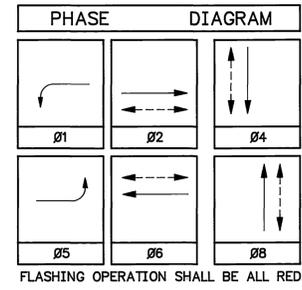
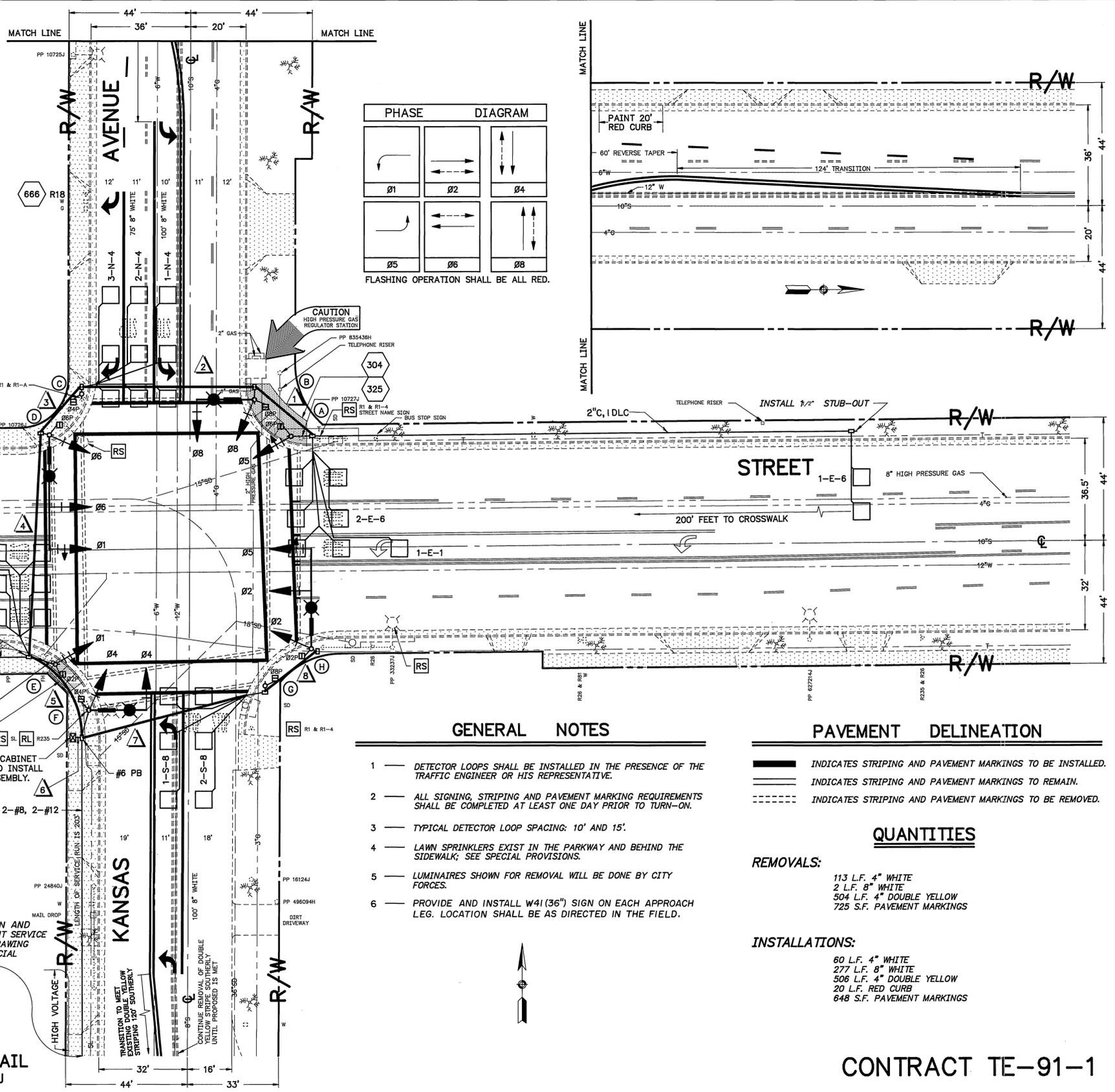
- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NUMBER SHOWN BELOW THE NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- CONSTRUCT MODIFIED WHEELCHAIR RAMP PER CALTRANS STANDARD PLANS DRAWING NB-B CASE C.
- CONSTRUCT WHEELCHAIR RAMP PER STANDARD DRAWING.
- CONSTRUCT SIDEWALK PER STANDARD DRAWING.
- ERECT TRAFFIC CONTROL SIGN AND INSTALL POST(S) AS REQUIRED.

CONDUCTOR		SCHEDULE									
CONTROL FUNCTION	CONDUCTORS	RUNS									
	SIZE	INSULATION	1	2	3	4	5	6	7	8	9
VEHICLE HEADS	#14	T.W.									
PHASE 1					3	3	3				
PHASE 2								3	3	3	
PHASE 4											3
PHASE 5			3	3	3	3	3	3	6	3	3
PHASE 6											
PHASE 8				3	3	3	3	3			
PED. HEADS											
PHASE 2									2	4	2
PHASE 4											2
PHASE 6			2	2	2	2	2	2			
PHASE 8				2	2	2	2	2	4	2	
PED. PUSH BUTTON											
PHASE 2									1	1	
PHASE 4											1
PHASE 6				1	1	1	1	1			
PHASE 8			1	1	1	1	1	1	2	1	1
SPARES			3	3	3	3	3	6	3	3	3
12V COMMON			1	1	1	1	1	2	1	1	1
DETECTORS	#16/2	P.E.									
PHASE 1			1	1	1	1	1	1			
PHASE 2									2		
PHASE 4										3	3
PHASE 5										1	1
PHASE 6			2	2	2	2	2	2			
PHASE 8										2	2
I.S.N.S.	#12	T.W.		2	2	2	2	2		2	2
120V COMMON	#10	T.W.	1	1	1	1	1	2	1	1	1
LUMINAIRES	#8	T.H.W.		2	2	2	2			2	2
SIGNAL SERVICE	#8	T.H.W.								2	
TOTAL	#14	T.W.	10	16	18	25	27	46	16	13	
	#12	T.W.		2	2	2	2		2	2	
	#10	T.W.	1	1	1	1	1	2	1	1	
	#8	T.H.W.		2	2	2	2		2	2	
	#6	T.H.W.		3	3	3	3		9	11	
	#16/2	P.E.	3	3	6	6	9	11	2		
#14 EQUIV. CONDUIT SIZE			21	34	45	52	63	90	31	22	
			2"	2 1/2"	3"	3"	3"	3 1/2"	2"	2"	

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

● Sampling (future)
 ■ Call-hold (extension)
 ★ Detector disconnect (see Special Provisions)
 ▲ Delay
 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.

RISER DETAIL
PP-24641J



GENERAL NOTES

- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- TYPICAL DETECTOR LOOP SPACING: 10' AND 15'.
- LAWN SPRINKLERS EXIST IN THE PARKWAY AND BEHIND THE SIDEWALK; SEE SPECIAL PROVISIONS.
- LUMINAIRES SHOWN FOR REMOVAL WILL BE DONE BY CITY FORCES.
- PROVIDE AND INSTALL W41(36") SIGN ON EACH APPROACH LEG. LOCATION SHALL BE AS DIRECTED IN THE FIELD.

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:
- 113 L.F. 4" WHITE
 - 2 L.F. 8" WHITE
 - 504 L.F. 4" DOUBLE YELLOW
 - 20 L.F. RED CURB
 - 725 S.F. PAVEMENT MARKINGS
- INSTALLATIONS:
- 60 L.F. 4" WHITE
 - 277 L.F. 8" WHITE
 - 506 L.F. 4" DOUBLE YELLOW
 - 20 L.F. RED CURB
 - 648 S.F. PAVEMENT MARKINGS

CONTRACT TE-91-1

ENGINEER IN RESPONSIBLE CHARGE BARRY BECK R.C.E. No. 20900 expires 9/30/93 DATE 5/16/91		CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: [Signature] DATE 5/16/91		TRAFFIC SIGNALS KANSAS AVENUE AND THIRD STREET ACCT. NO. 30-576-398-15 X-147 SHEET 1 OF 1 FILE NO.	
---	--	---	--	--	--

POLE		SCHEDULE								
No.	TYPE	HGT.	SIG. M.A.	LUM. M.A.	LUM. HPSV	I.S.N.S. LEGEND	SIGNAL HEAD	SIGNAL MOUNTING VEHICLE	SP-1-T	PPB PHASE
(A)	1-A	10'					1W3C	TV-1-T	SP-1-T	8
(B)	17-2-80	30'	20'	10'	200w	THIRD ST. 2000	1W3C	MAS	SP-1-T	6
(C)	1-A	7'					1W3C	SV-1-T	SP-1-T	6
(D)	26-4-80	30'	40'	15'	250w	KANSAS AVE. 3000	1W3C	MAS	SP-1-T	4
(E)	1-A	10'					1W3C	TV-1-T	SP-1-T	4
(F)	17-2-80	30'	20'	10'	200w	THIRD ST. 2100	1W3C	MAS	SP-1-T	2
(G)	1-A	7'					1W3C	TV-1-T	SP-1-T	2
(H)	24-4-80	30'	35'	15'	250w	KANSAS AVE. 3300	1W3C	MAS	SP-1-T	8
							1W3C	SV-1-T	SP-1-T	8

NOTE: 1. ALL VEHICULAR HEADS SHALL HAVE 12" LENSES.
 2. LUMINAIRES SHALL BE HIGH PRESSURE SODIUM VAPOR.
 3. TYPE 1-A STANDARDS SHALL BE ALUMINUM.
 4. PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ON POLE QUADRANT AS SHOWN.

CONSTRUCTION NOTES

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NUMBER SHOWN BELOW THE NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- CONSTRUCT MODIFIED WHEELCHAIR RAMP PER CALTRANS STANDARD PLANS DRAWING NB-B CASE C.
- CONSTRUCT WHEELCHAIR RAMP PER STANDARD DRAWING.
- CONSTRUCT SIDEWALK PER STANDARD DRAWING.
- ERECT TRAFFIC CONTROL SIGN AND INSTALL POST(S) AS REQUIRED.

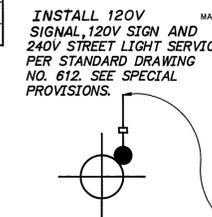
CONDUCTOR		SCHEDULE																		
CONTROL FUNCTION	CONDUCTORS SIZE	INSULATION	RUNS																	
VEHICLE HEADS	#14	T.W.																		
PHASE 1																				
PHASE 2																				
PHASE 4																				
PHASE 5																				
PHASE 6																				
PHASE 8																				
PED. HEADS																				
PHASE 2																				
PHASE 4																				
PHASE 6																				
PHASE 8																				
PED. PUSH BUTTON																				
PHASE 2																				
PHASE 4																				
PHASE 6																				
PHASE 8																				
SPARES																				
12V COMMON																				
DETECTORS	#16/2	P.E.																		
PHASE 1																				
PHASE 2																				
PHASE 4																				
PHASE 5																				
PHASE 6																				
PHASE 8																				
I.S.N.S.	#12	T.W.																		
120V COMMON	#10	T.W.																		
LUMINAIRES	#8	T.H.W.																		
SIGNAL SERVICE	#6	T.H.W.																		
TOTAL	#14	T.W.	10	16	18	25	27	46	16	13										
	#12	T.W.																		
	#10	T.W.	1	1	1	1	1	2	1	1										
	#8	T.H.W.																		
	#6	T.H.W.																		
	#16/2	P.E.	3	3	6	6	9	11	2											
#14 EQUIV. CONDUIT SIZE			2 1/2	3	3 1/2	3 3/4	4	4 1/2	5	5 1/2										

DETECTOR SCHEDULE

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

- Sampling (future)
 - Call-hold (extension)
 - ★ Detector disconnect (see Special Provisions)
 - ▲ Delay
- Detectors shall be 2-channel rack-mounted.
 - Detector timing features shall be accomplished thru internal logic of the controller.
 - Detector loops with special features shall also detect for normal operation.

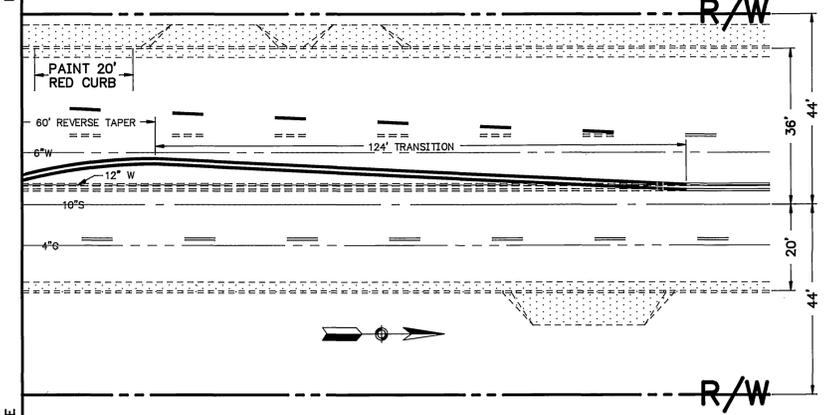
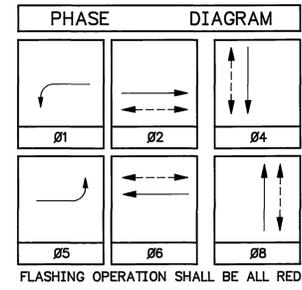
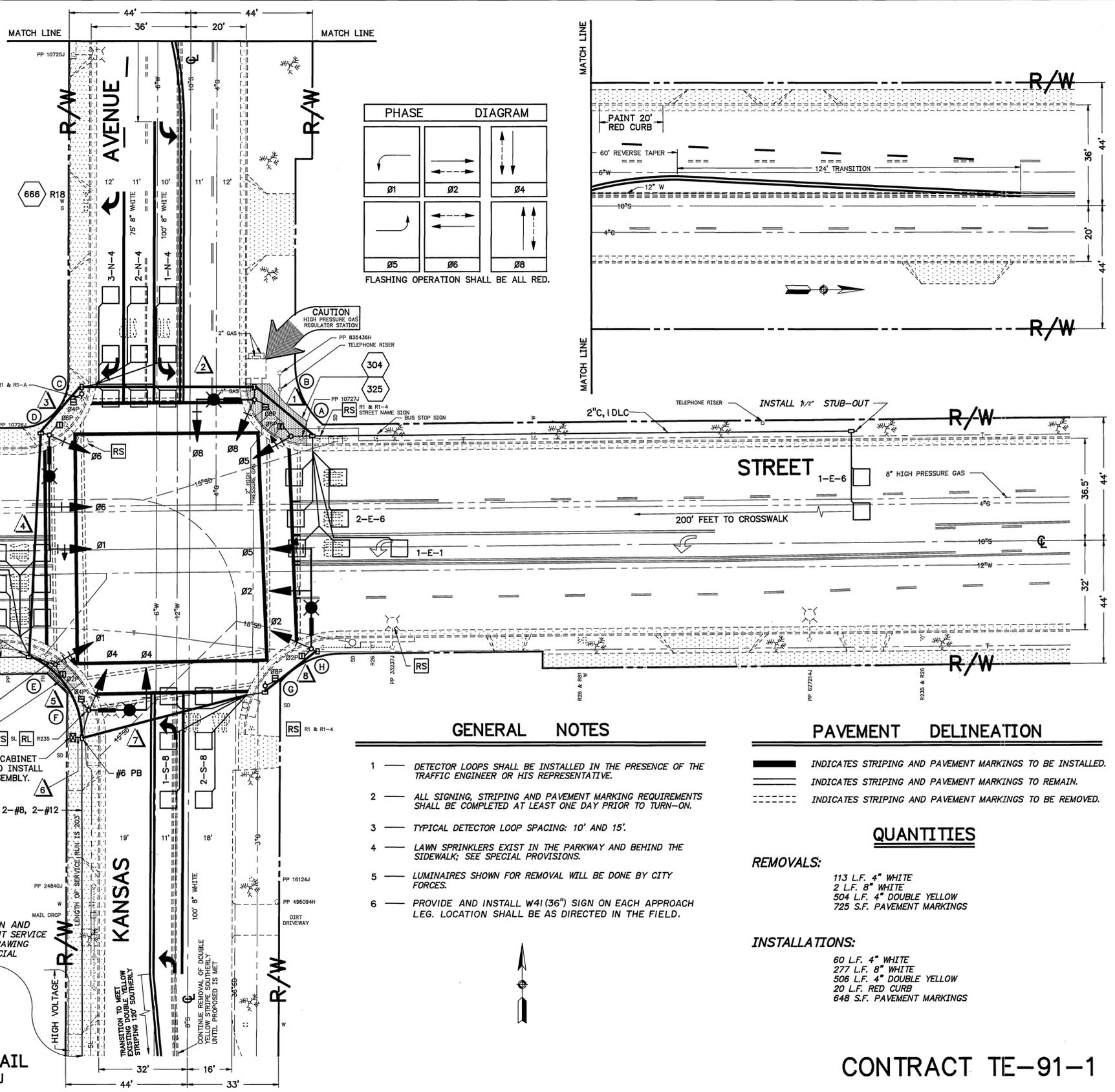
RISER DETAIL PP-24641J



CONSTRUCT "P" CABINET FOUNDATION AND INSTALL CONTROLLER ASSEMBLY.

INSTALL 2" C, 2-#6, 2-#8, 2-#12

INSTALL 120V SIGNAL, 120V SIGN AND 240V STREET LIGHT SERVICE PER STANDARD DRAWING NO. 612. SEE SPECIAL PROVISIONS.



GENERAL NOTES

- DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE TRAFFIC ENGINEER OR HIS REPRESENTATIVE.
- ALL SIGNING, STRIPING AND PAVEMENT MARKING REQUIREMENTS SHALL BE COMPLETED AT LEAST ONE DAY PRIOR TO TURN-ON.
- TYPICAL DETECTOR LOOP SPACING: 10' AND 15'.
- LAWN SPRINKLERS EXIST IN THE PARKWAY AND BEHIND THE SIDEWALK; SEE SPECIAL PROVISIONS.
- LUMINAIRES SHOWN FOR REMOVAL WILL BE DONE BY CITY FORCES.
- PROVIDE AND INSTALL W41(36") SIGN ON EACH APPROACH LEG. LOCATION SHALL BE AS DIRECTED IN THE FIELD.

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:
- 113 L.F. 4" WHITE
 - 2 L.F. 8" WHITE
 - 504 L.F. 4" DOUBLE YELLOW
 - 20 L.F. RED CURB
 - 648 S.F. PAVEMENT MARKINGS
- INSTALLATIONS:
- 60 L.F. 4" WHITE
 - 277 L.F. 8" WHITE
 - 506 L.F. 4" DOUBLE YELLOW
 - 20 L.F. RED CURB
 - 648 S.F. PAVEMENT MARKINGS

CONTRACT TE-91-1

ENGINEER IN RESPONSIBLE CHARGE
 Barry Beck
 R.C.E. No. 20900 expires 9/30/93
 DATE 5/16/91

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]
 DATE: 5/16/91

TRAFFIC SIGNALS
 KANSAS AVENUE AND THIRD STREET

ACCT. NO. 30-576-398-15
 SHEET 1 OF 1
 FILE NO.

