

SHEET NUMBER							ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET
171	172	173	175	176	177	178						
			287		63		625	25408	350	FT	CONDUIT, 2", 725.051	
			133		31		625	25504	164	FT	CONDUIT, 3", 725.051	
			544				625	25906	544	FT	CONDUIT, JACKED OR DRILLED, 725.051, 3"	
			382		94		625	29000	476	FT	TRENCH	
			8		1		625	31600	9	EACH	PULL BOX, MISC.: 17" X 30"	171
			2				625	31600	2	EACH	PULL BOX, MISC.: 24" X 36"	171
			9		4		625	32000	13	EACH	GROUND ROD	
			382		94		625	36011	476	FT	UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN	171
			92		64		630	80101	156	SF	SIGN, FLAT SHEET, AS PER PLAN	171
			4		2		632	05007	6	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW	171
			4				632	05087	4	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW	171
			8		8		632	20731	16	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	171
			8		8		632	20751	16	EACH	ACCESSIBLE PEDESTRIAN PUSHBUTTON, AS PER PLAN	172
			8		2		632	25000	10	EACH	COVERING OF VEHICULAR SIGNAL HEAD	
			8		8		632	25010	16	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	
6			8				632	26501	14	EACH	DETECTOR LOOP, AS PER PLAN	172
			8				632	27005	8	EACH	LOOP DETECTOR UNIT, AS PER PLAN	172
					168		632	40201	168	FT	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG, AS PER PLAN	172
			3743		1430		632	40701	5173	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, AS PER PLAN	172
			4		1		632	64010	5	EACH	SIGNAL SUPPORT FOUNDATION	
			4		3		632	64020	7	EACH	PEDESTAL FOUNDATION	
			2659				632	65201	2659	FT	LOOP DETECTOR LEAD-IN CABLE, AS PER PLAN	172
			81				632	67301	81	FT	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG, AS PER PLAN	172
			1				632	70000	1	EACH	POWER SERVICE	
					1		632	72101	1	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2, AS PER PLAN	172
				1			632	72111	1	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN	172
				3			632	72131	3	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN	172
					1		632	80700	1	EACH	SIGNAL SUPPORT, MISC.: INSTALLATION OF MAST ARM TC-81.22 DESIGN 2 ON EXISTING SIGNAL SUPPORT	173
				4	3		632	89601	7	EACH	PEDESTAL, 8', AS PER PLAN	172
				1			632	90101	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	173
				22	14		632	90200	36	EACH	REUSE OF VEHICULAR SIGNAL HEAD	
	6						632	90400	6	EACH	SIGNALIZATION, MISC.: BACKPLATES	173
				1			633	65511	1	EACH	CABINET, TYPE TS-2, AS PER PLAN	173
				1			633	67100	1	EACH	CABINET FOUNDATION	
				1			633	67200	1	EACH	CONTROLLER WORK PAD	
				1			633	99000	1	EACH	CONTROLLER ITEM, MISC.: CABINET RISER	173
				1			809	69123	1	EACH	ATC CONTROLLER, AS PER PLAN	173
					1		816	30001	1	EACH	VIDEO DETECTION SYSTEM, AS PER PLAN	173
	LS						816	30100	LS		TRAINING FOR VIDEO DETECTION SYSTEM	

SHEET NO.	STATION		SIDE	625	625	625	625	625	625	625	625	630	632	632	632	632	632	632	632	632	632	632	632	632	632	632	632	632	632	632			
	FROM	TO		FT	FT	FT	FT	EACH	EACH	EACH	FT	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FT	FT	EACH	EACH	FT	FT	EACH	EACH	FT	EACH		
179	POWER SOURCE		RT																														
179	CONTROLLER		RT							1																							
179	SP-1		LT									22																					
179	SP-2		RT									22																					
179	SP-3		LT									22																					
179	SP-4		RT									22																					
179	PS-1		RT									1																					
179	PS-2		RT									1																					
179	PS-3		LT									1																					
179	PS-4		RT									1																					
179	POWER SOURCE	CONTROLLER	RT	61								61																					
179	CONTROLLER	PB-1	RT		20							10																					
179	PB-1	PB-2	RT/LT		36							18																					
179	PB-2	EX. CONTROLLER	LT		20							10																					
179	PB-2	SP-3	LT	17								17																					
179	PB-2	PB-3	LT	26								26																					
179	PB-3	PS-3	LT	16								16																					
179	PB-2	PB-4	LT/RT			216						1																					
179	PB-4	SP-4	RT	6								6																					
179	PB-4	PB-10	RT	20								20																					
179	PB-10	PB-5	RT	26								26																					
179	PB-4	PS-4	RT	9								9																					
179	PB-4	PB-6	RT/LT			172						1																					
179	PB-6	PB-7	LT/RT		57							57																					
179	PB-7	SP-2	RT	32								32																					
179	PB-7	PS-2	RT	21								21																					
179	PB-7	PB-8	RT/LT			156						1																					
179	PB-8	SP-1	LT	5								5																					
179	PB-8	PS-1	LT	16								16																					
179	PB-8	PB-9	LT	32								32																					
179	CONTROLLER	SIGNAL 2A	RT																														
179	CONTROLLER	SIGNAL 2B	RT																														
179	CONTROLLER	SIGNAL 4A	RT																														
179	CONTROLLER	SIGNAL 4B	RT																														
179	CONTROLLER	SIGNAL 6A	RT/LT																														
179	CONTROLLER	SIGNAL 6B	RT/LT																														
179	CONTROLLER	SIGNAL 8A	RT/LT																														
179	CONTROLLER	SIGNAL 8B	RT/LT																														
179	CONTROLLER	P2A	RT																														
179	CONTROLLER	P2B	RT																														
179	CONTROLLER	P4A	RT/LT																														
179	CONTROLLER	P4B	RT																														
179	CONTROLLER	P6A	RT/LT																														
179	CONTROLLER	P6B	RT/LT																														
179	CONTROLLER	P8A	RT																														
179	CONTROLLER	P8B	RT/LT																														
179	CONTROLLER	L1A & L1B	RT																														
179	CONTROLLER	L3A & L3B	RT																														
179	CONTROLLER	L5A & L5B	RT																														
179	CONTROLLER	L7A & L7B	RT/LT																														
SUBTOTALS CARRIED TO GENERAL SUMMARY				287	133	544	382	8	2	9	382	92	4	4	8	8	8	8	8	8	8	0	3743	4	4	2659	81	1					

TRAFFIC SIGNAL SUBSUMMARY

CUY - 422 - 04.34

CALCULATED  
SED  
CHECKED  
KWR

175  
202



PULL BOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
EX. PB-1	101+28.9	RT	46.6	17
PB-2	101+59.4	RT	49.4	17
EX. PB-3	101+61.8	LT	32.9	17
EX. PB-4	102+23.0	RT	41.1	17
EX. PB-5	102+25.4	LT	26.3	17

TRAFFIC SIGNAL REMOVAL CHART

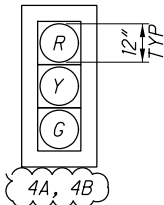
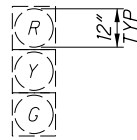
QUANTITY	REMOVED ITEM DESCRIPTION	DELIVERED	DISPOSED
1	PEDESTAL	X	
4	PEDESTRIAN SIGNAL HEAD	X	
4	PEDESTRIAN PUSH BUTTON	X	

NOTE:

- DETECTION FOR GAS STATION DRIVEWAY WILL BE STOP-BAR ONLY AND VIA CAMERA DETECTORS.

EXISTING SIGNALS      PROPOSED SIGNALS

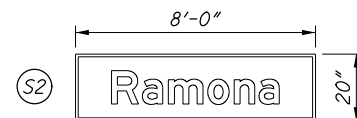
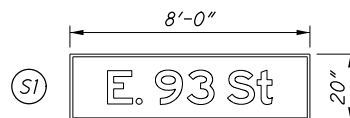
VEHICULAR SIGNAL HEADS  
(12" LENS, LED, YELLOW,  
W/ REFLECTIVE BACKPLATES)



PEDESTRIAN HEADS

PEDESTRIAN HEADS  
(LED, TYPE D2)

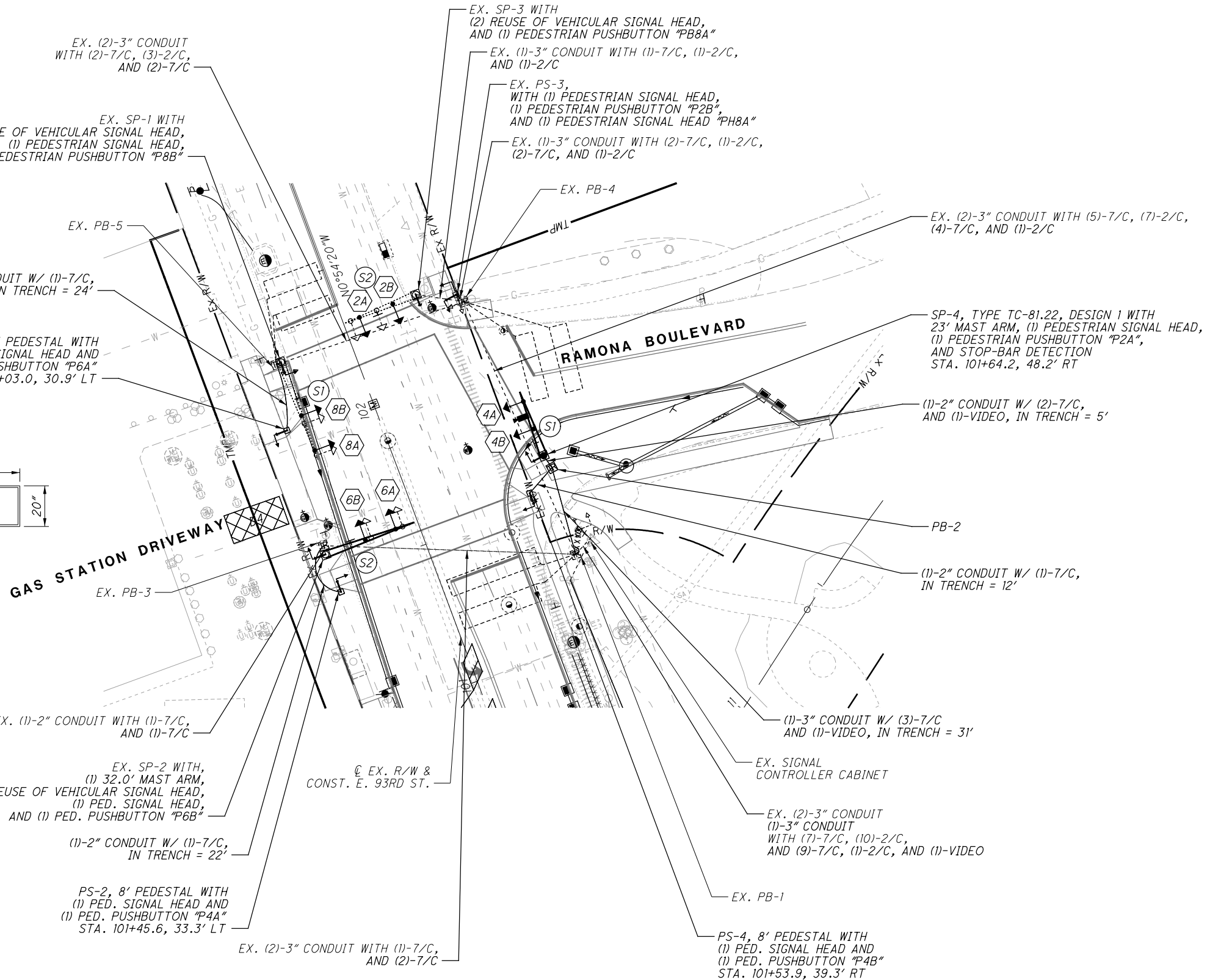
PROPOSED SIGNS



R10-3e  
5 - LEFT ARROWS  
(EX. SP-2, SP-3, EX. SP-4, PS-2, PS-4)  
3 - RIGHT ARROWS  
(EX. SP-1, PS-1, EX. PS-3)

LEGEND

	PROP	EXIST
TRAFFIC SIGNAL, 3 UNIT HEAD, 12"		
TRAFFIC SIGNAL, 4 OR 5 UNIT HEAD, 12"		
SIGNAL SUPPORT POLE		
PEDESTRIAN SIGNAL		
PEDESTRIAN PUSH BUTTON		
PEDESTRIAN PEDESTAL SUPPORT		
TRAFFIC PULL BOX		
STOP BAR VIDEO DETECTION UNIT		
DETECTION ZONE		
SIGNAL CONDUIT		



CALCULATED  
SED  
CHECKED  
KWR

TRAFFIC SIGNAL PLAN  
E. 93RD ST. & RAMONA BLVD.

CUY-422-04.34