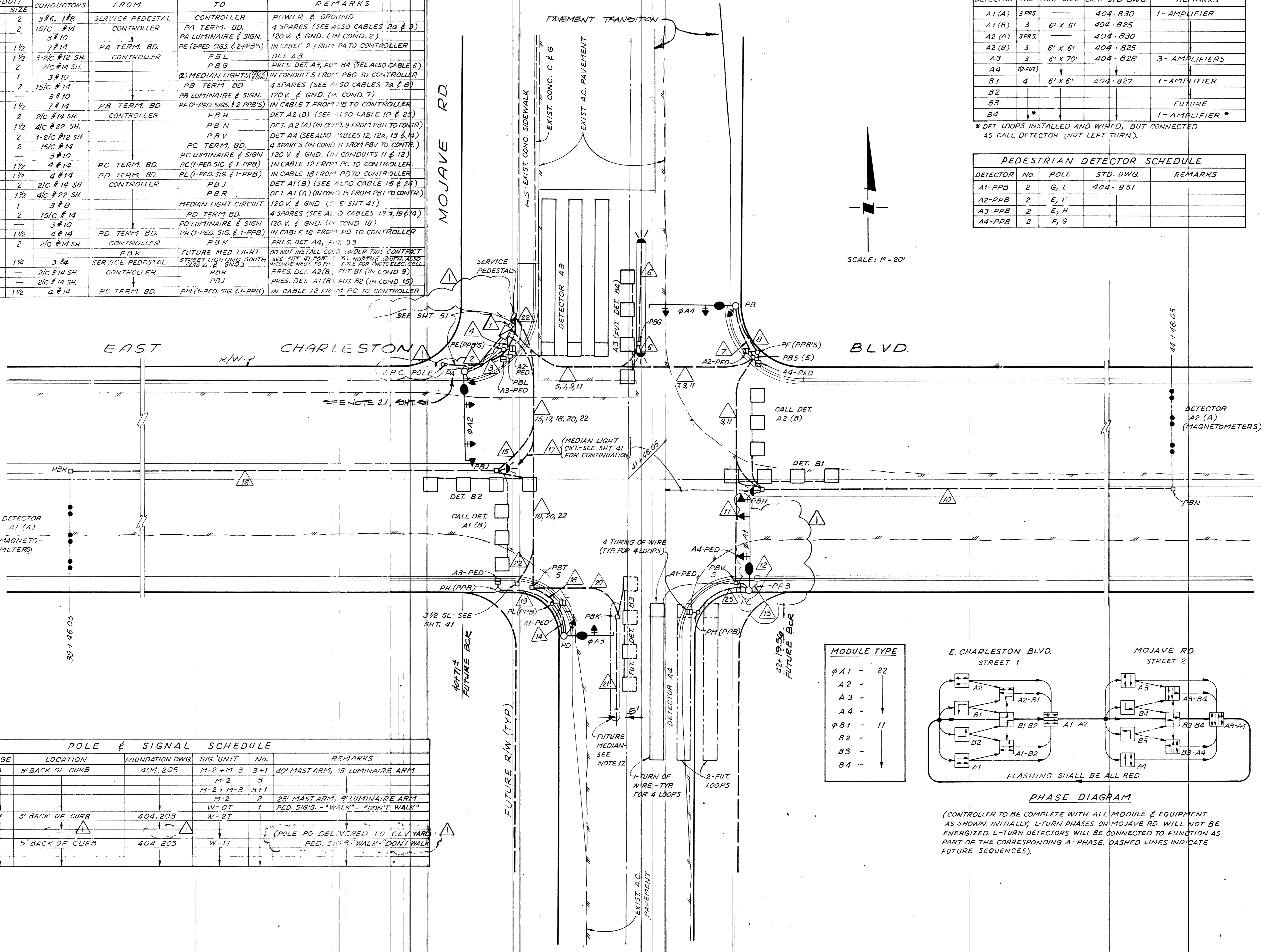


CABLE AND CONDUIT SCHEDULE						
CABLE No.	CONDUIT No.	SIZE	CONDUCTORS	FROM	TO	REMARKS
1	1	2	3#6, 1#8	SERVICE PEDESTAL	CONTROLLER	POWER & GROUND
2	2	2	15/C #14	CONTROLLER	PA TERM. BD.	4 SPARES (SEE ALSO CABLES 2a & 3)
2a			3#10		PA LUMINAIRE & SIGN.	120 V. & GND. (IN COND. 2)
3	3	1 1/2	7#14	PA TERM. BD.	PE (2-PED SIGS. & 2-PPB'S)	IN CABLE 2 FROM PA TO CONTROLLER
4	4	1 1/2	3-2/C #12 SH.	CONTROLLER	PBL	DET. A3
5	5	2	2/C #14 SH.		PBG	PRES. DET. A3, FUT. B4 (SEE ALSO CABLE 6)
6	6	1	3#10		(2) MEDIAN LIGHTS (PPB)	IN CONDUIT 5 FROM PBG TO CONTROLLER
7	7	2	15/C #14		PB TERM. BD.	4 SPARES (SEE ALSO CABLES 7a & 8)
7a			3#10		PB LUMINAIRE & SIGN.	120 V. & GND. (IN COND. 7)
8	8	1 1/2	7#14	PB TERM. BD.	PF (2-PED SIGS. & 2-PPB'S)	IN CABLE 7 FROM PB TO CONTROLLER
9	9	2	2/C #14 SH.	CONTROLLER	PBH	DET. A2 (B) (SEE ALSO CABLE 10 & 23)
10	10	1 1/2	2/C #22 SH.		PBN	DET. A2 (A) (IN COND. 9 FROM PBH TO CONTR)
11	11	2	1-2/C #12 SH.		PBV	DET. A4 (SEE ALSO CABLES 12, 12a, 13 & 14)
12	12	2	15/C #14		PC TERM. BD.	4 SPARES (IN COND. 11 FROM PBV TO CONTR)
12a			3#10		PC LUMINAIRE & SIGN.	120 V. & GND. (IN CONDUITS 11 & 12)
13	13	1 1/2	4#14	PC TERM. BD.	PC (1-PED SIG. & 1-PPB)	IN CABLE 12 FROM PC TO CONTROLLER
14	14	1 1/2	4#14	PD TERM. BD.	PL (1-PED SIG. & 1-PPB)	IN CABLE 18 FROM PD TO CONTROLLER
15	15	2	2/C #14 SH.	CONTROLLER	PBJ	DET. A1 (B) (SEE ALSO CABLE 16 & 24)
16	16	1 1/2	4/C #22 SH.		PBR	DET. A1 (A) (IN COND. 15 FROM PBI TO CONTR)
17	17	1	3#8		MEDIAN LIGHT CIRCUIT	120 V. & GND. (SEE SHT. 41)
18	18	2	15/C #14		PD TERM. BD.	4 SPARES (SEE ALSO CABLES 18a, 19 & 14)
18a			3#10		PD LUMINAIRE & SIGN.	120 V. & GND. (IN COND. 18)
19	19	1 1/2	4#14	PD TERM. BD.	PH (1-PED SIG. & 1-PPB)	IN CABLE 18 FROM PD TO CONTROLLER
20	20	2	2/C #14 SH.	CONTROLLER	PBK	PRES. DET. A4, FUT. B3
21	21				PBK	FUTURE MED. LIGHT
22	22	1 1/4	3#4	SERVICE PEDESTAL	SEE SHT. 41 FOR SHT. 15, NORTH & SOUTH. ALSO INCLUDE WIRE TO P.C. POLE FOR PHOTO-ELECT. CELL	DO NOT INSTALL CONDUIT UNDER THIS CONTRACT
23			2/C #14 SH.	CONTROLLER	PBH	SEE SHT. 41 FOR SHT. 15, NORTH & SOUTH. ALSO INCLUDE WIRE TO P.C. POLE FOR PHOTO-ELECT. CELL
24			2/C #14 SH.		PBJ	PRES. DET. A2 (B), FUT. B1 (IN COND. 9)
25	25	1 1/2	4#14	PC TERM. BD.	PM (1-PED SIG. & 1-PPB)	PRES. DET. A1 (B), FUT. B2 (IN COND. 15)

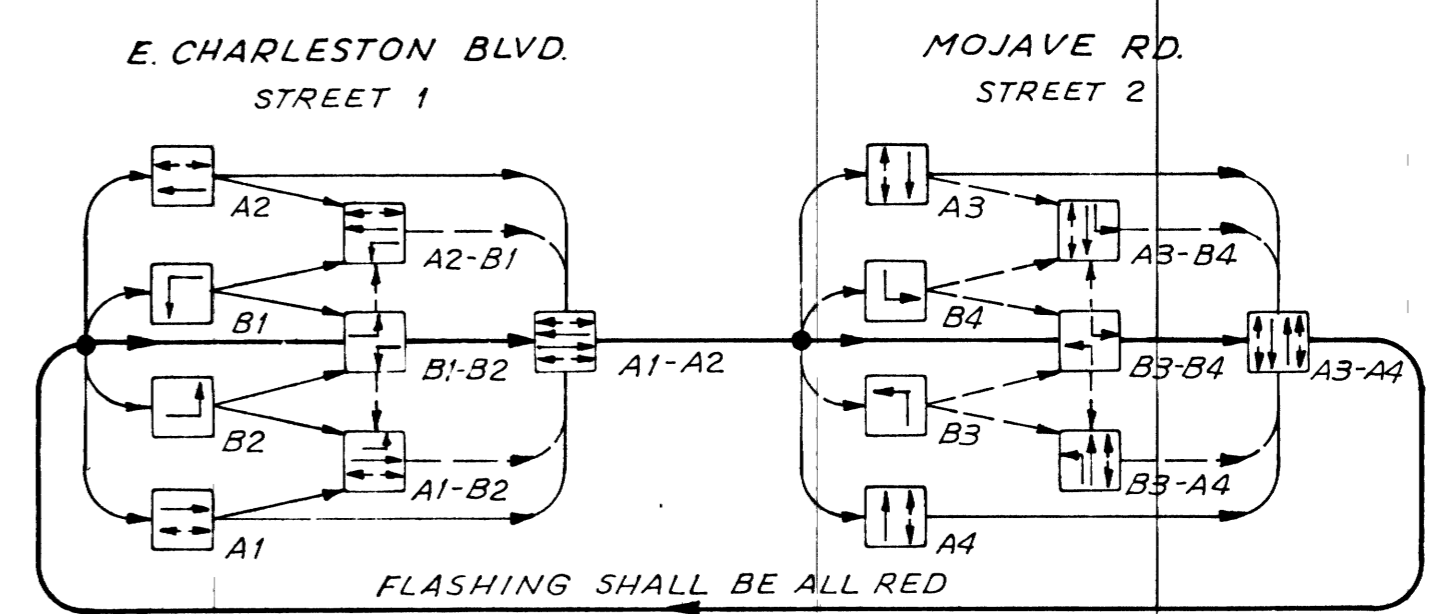
VEHICLE DETECTOR SCHEDULE				
DETECTOR	No.	LOOP SIZE	DET. STD. DWG.	REMARKS
A1 (A)	3 PRS.		404-830	1-AMPLIFIER
A1 (B)	3	6' x 6'	404-825	
A2 (A)	3 PRS.		404-830	
A2 (B)	3	6' x 6'	404-825	
A3	3	6' x 70'	404-828	3-AMPLIFIERS
A4	(R-FUT)			
B1	4	6' x 6'	404-827	1-AMPLIFIER
B2				
B3				FUTURE
B4	*			1-AMPLIFIER *

PEDESTRIAN DETECTOR SCHEDULE				
DETECTOR	No.	POLE	STD. DWG.	REMARKS
A1-PPB	2	G, L	404-851	
A2-PPB	2	E, F		
A3-PPB	2	E, H		
A4-PPB	2	F, G		



POLE & SIGNAL SCHEDULE						
POLE	TYPE	GAGE	LOCATION	FOUNDATION DWG.	SIG. UNIT	REMARKS
PA	XX	3	3' BACK OF CURB	404.205	M-2 + M-3 3+1	40' MAST ARM, 15' LUMINAIRE ARM
PB					M-2	3
PC					M-2 + M-3 3+1	
PD					M-2	2
PE	18	11	5' BACK OF CURB	404.203	W-0T	25' MAST ARM, 8' LUMINAIRE ARM
PF					W-2T	PED. SIG'S. - "WALK" - "DON'T WALK"
PG						(POLE PG DELIVERED TO CLV YARD)
PH			5' BACK OF CURB	404.203	W-1T	PED. SIG'S. - "WALK" - "DON'T WALK"
PL						
PM						

MODULE TYPE	
φ A1	22
A2	↓
A3	↓
A4	↓
φ B1	11
B2	↓
B3	↓
B4	↓



PHASE DIAGRAM
 (CONTROLLER TO BE COMPLETE WITH ALL MODULE & EQUIPMENT AS SHOWN. INITIALLY, L-TURN PHASES ON MOJAVE RD. WILL NOT BE ENERGIZED. L-TURN DETECTORS WILL BE CONNECTED TO FUNCTION AS PART OF THE CORRESPONDING A-PHASE. DASHED LINES INDICATE FUTURE SEQUENCES).

RECORDED
 WALLACE - MONTGOMERY, A JOINT VENTURE
 MONTGOMERY ENGINEERS OF NEVADA
 G. C. WALLACE, Consulting Engineer
 735-5709
 LAS VEGAS, NEVADA
 735-5798

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