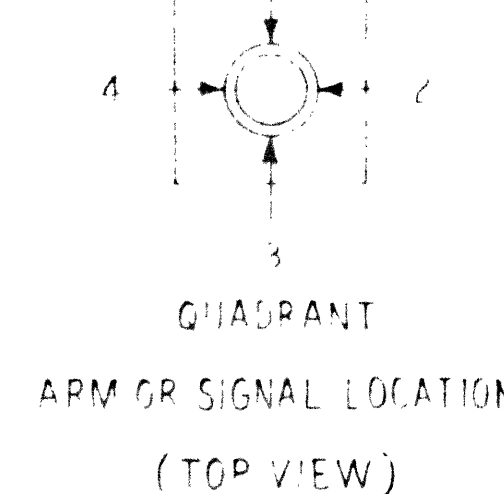


FED. RD. DIST. NO.	STATE	PROJECT NO.	MILEPOST	SHEET NO.
7	NEVADA	EMP-50-549(10)	FA 549-CL 4.13 to 1.87	E-8

- POLE SCHEDULE NOTES
1. * INDICATES PROGRAMMED VISIBILITY SIGNAL HEADS (FOUR HEADS REQUIRED ON THIS SHEET)
 2. THE A-6 TYPE MOUNTING SHALL HAVE THE ABOVE TYPE FACING THE INTERSECTION AND A NEAR-SIDE SIGNAL HEAD WITH RED AND YELLOW/12" TO VERTICAL LENSES AND A 12" GREEN ARROW LENSE.
 3. ALL OTHER VEHICULAR SIGNAL LENSES SHALL BE 12".



POLE SCHEDULE												
POLE					SIGNALS (VEH.)		SIGNALS (PED.)		PED. PUSH BUTTON		REMARKS	
No	Station	Type	Signal Arm Quad. Length	Lum. Arm Quad. Length	Type	Mounting	Quadrant	Mounting	Quadrant	Quadrant		Arrow
(A)	319+50 (70' RT)	XX	1 40'	1 10'	W3C W3C W3C	M-2 M-2 B-1	Most Arm Most Arm 3	W-0	3	4 (A A) 1 (A A) 2 (A A)	Lt Lt Rt	
(B)	318+20 (70' RT)	XX	2 40'	2 10'	W3C W3C W3C	M-2 M-2 B-1	Most Arm Most Arm 4	W-3	4			
(C)	318+10 (6' LT)	I-B	-	-	W3C W3C	A-6	Post Top 4	W-3	4	2	Both	See Note 2
(D)	318+15 (70' LT)	XX	3 40'	3 10'	W3C W3C A3C	M-2 M-2 B-2	Most Arm Most Arm B-2	W-0	1	2 (A A)		
(E)	318+85 (75' LT)	I-B	-	-	W3C W3C	A-6	Post Top 1	W-3	3	3	Both	See Note 2
(F)	319+52 (71' LT)	XX	4 35'	4 10'	W3C W3C W3C	M-2 M-2 B-1	Most Arm Most Arm 2	W-3	2	3 (A A) 4 (A A)	Lt Rt	
(G)	319+60 (6' RT)	I-B	-	-	W3C W3C	A-6	Post Top 2	W-3	2	4	Both	See Note 2
(H)	319+48 (82' RT)	I-A	-	-	W3C	A-2	Post Top	W-0	2	1	Rt	PPB A2 A2W
(I)	318+25 (82' LT)	I-A	-	-	W3C	A-2	Post Top	W-0	4	3	Rt	PPB A3 A3W

SAHARA

N 89° 31' 51" W.

AVENUE

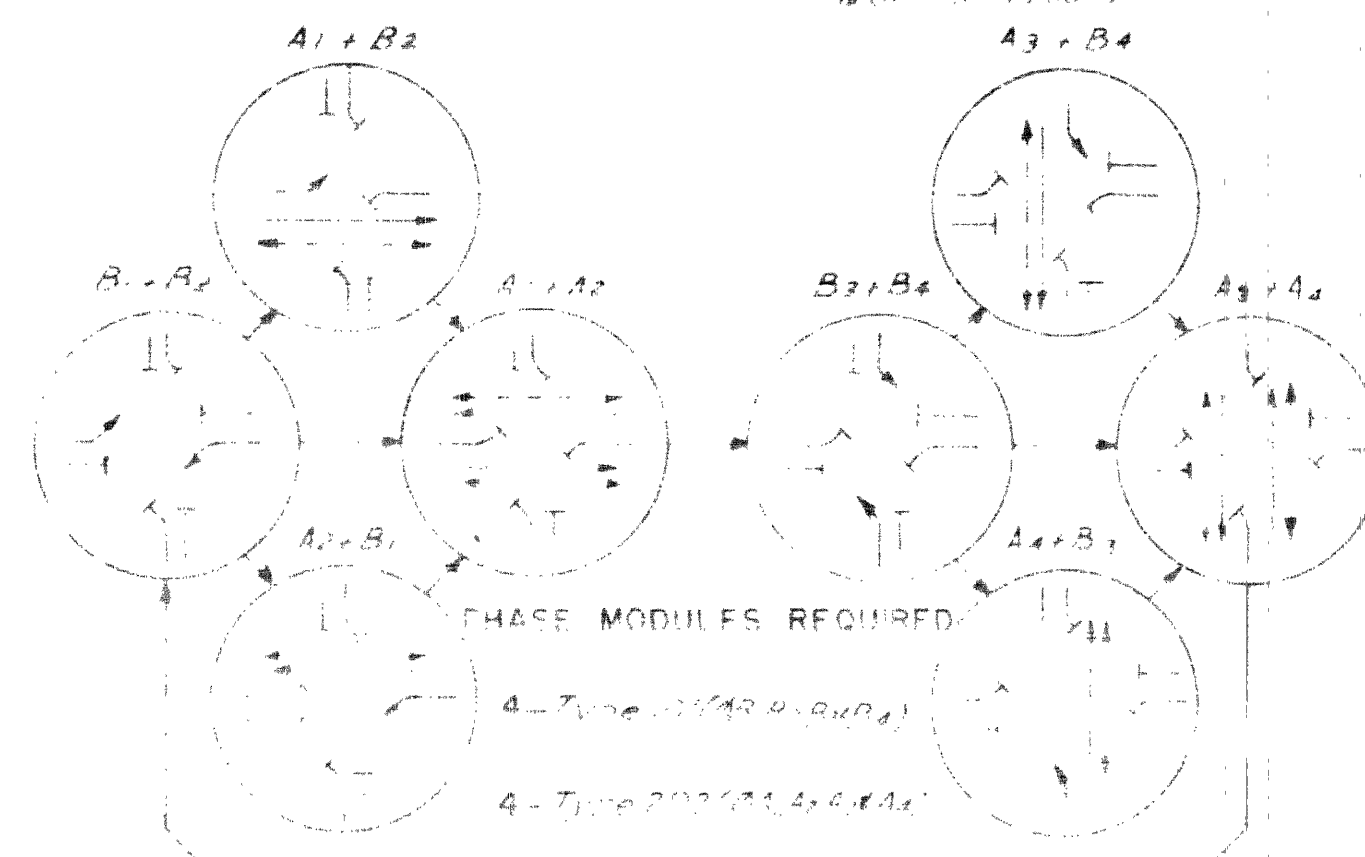
S. 88° 47' 59" W.

DECATUR

CONDUIT-CABLE SCHEDULE							
RUN NO.	FROM	TO	CONDUIT SIZE	SIGNAL CABLE	DET LEADS	LIGHTING CIRCUIT	INTERCONNECT SERVICE
1	Controller	Pull Box @ Controller	Four Exist	xx 10/3	x x	x x	
2	Controller	Existing Pull Box	Two Exist	x 10	x		
3	Existing Pull Box	Pull Box @ Pole A	1"		x		
4	Controller	Pull Box @ Pole B	Existing 2" PVC	x 10	x	x	
5	Pull Box @ Pole B	Pull Box @ Pole C	1"		x		
6	Pull Box @ Pole B	Pull Box @ Pole D	2"		x		
7	Pull Box @ Pole B	Pull Box @ Pole E	2"		x		
8	Pull Box @ Pole B	Pull Box @ Pole F	2"		x		
9	Pull Box @ Pole B	Pull Box @ Pole G	1"		x		
10	Pull Box @ Pole B	Pull Box @ Pole H	2"		x		
11	Pull Box @ Pole B	Pull Box @ Pole I	2"		x		
12	Pull Box @ Pole B	Pull Box @ Pole J	1"		x		
13	Controller	Service Pole	1 1/4"				x

⑩ indicates magnetometer lead in cable
⑪ conductor signal cable

- NOTES:
1. MAGNETOMETER LEADS SHALL BE FOUR CONDUCTOR CABLE, 1000 DETECTOR LEADS SHALL BE A ONE TWISTED PAIR OF #11 CABLE (LINA SPEC. 20-12).
 2. SERVICE LEADS SHALL BE FOUR NO. 6 TYP. CONDUCTORS.
 3. INTERSECTION LIGHTING CABLES SHALL BE TWO NO. 10 CONDUCTORS WITH A 10 AMP. (LINA SPEC. 20-12) IN TYPE 1 IN. RUST PROOF LOCATED IN CONDUIT FOR EACH LUMINAIRE (LINA SPEC. 20-12).
 4. SIGNAL CABLE SHALL BE NO. 14, 15 & 16 CONDUCTOR CABLE AS SHOWN (LINA SPEC. 20-12).



FLASHING OPERATION SHALL BE ALL RED
PHASING DIAGRAM

- SPECIAL NOTES:
1. CONTROLLER SHALL BE HOUSED IN A TYPE R CABINET COMPLETE WITH EXHAUST FAN AND THERMOSTAT CONTROLS. OUTSIDE OF CABINET SHALL BE PAINTED WITH WHITE ENAMEL.
 2. EACH LOOP DETECTOR LEAD-IN CABLE REPRESENTS A SEPARATE AMPLIFIED UNIT. (LINA SPEC. 20-12).
 3. EACH MAGNETOMETER LEAD-IN CABLE REPRESENTS ONE UNIT. IT MAY BE NECESSARY TO EXCEED MORE THAN ONE UNIT PER LOOP FOR CH. 14. AS PER MAGNETOMETER SPECIFICATIONS AS TO MAXIMUM NUMBER OF DETECTOR LEADS PER UNIT. DELIVERY OF 1000 DETECTOR LEADS (1000 LINES PER UNIT) SHALL BE MADE IN SAME CHARGE.
 4. ALL NECESSARY AMPLIFIER, TUNING, WINDING OF COIL, REVERSING, LAMP CONTROL, DETECTOR, THERMOSTAT, ETC., SHALL BE DONE BY THE CONTRACTOR. (LINA SPEC. 20-12).
 5. LUMINAIRES SHALL HAVE 600 WATT HIGH PRESSURE SODIUM WITH A 1000 HOUR LIFE OF 100,000 HOURS. (LINA SPEC. 20-12).

STATE OF NEVADA
DEPARTMENT OF HIGHWAYS

TRAFFIC SIGNAL SYSTEM
MODIFICATION

SAHARA AVE. AND DECATUR BLVD

208-VI50A