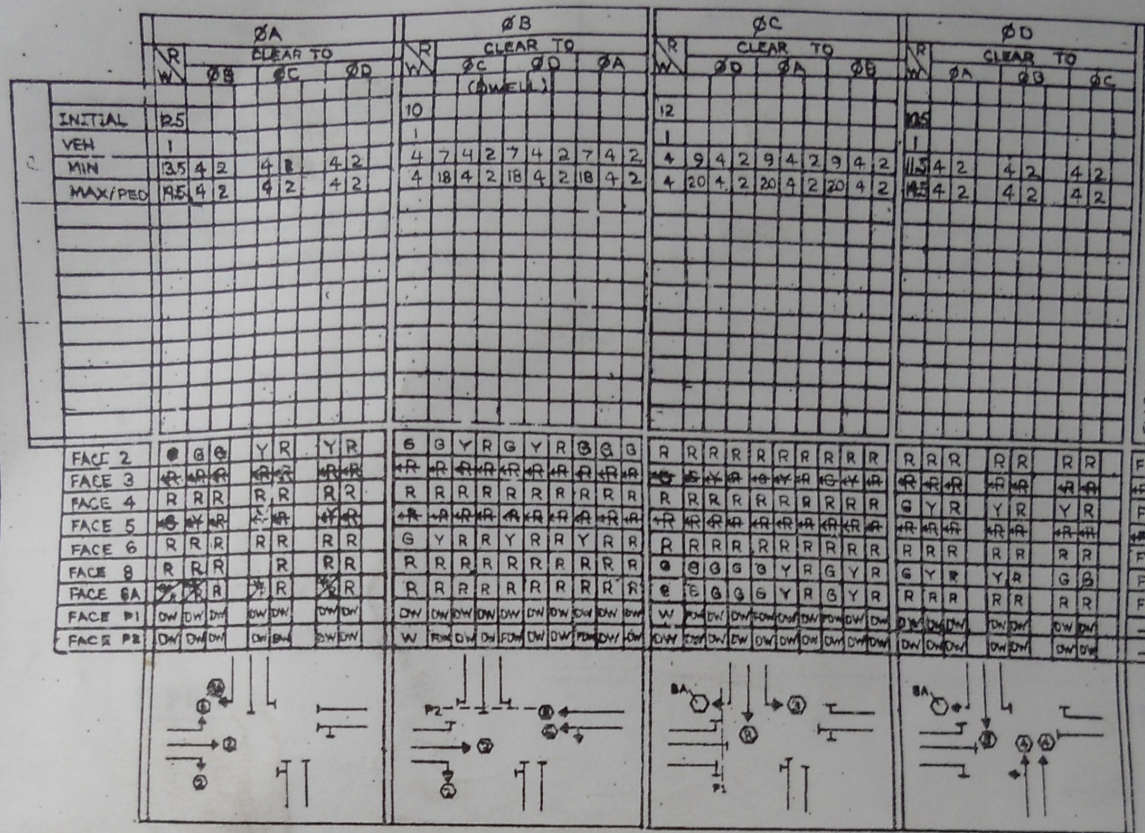

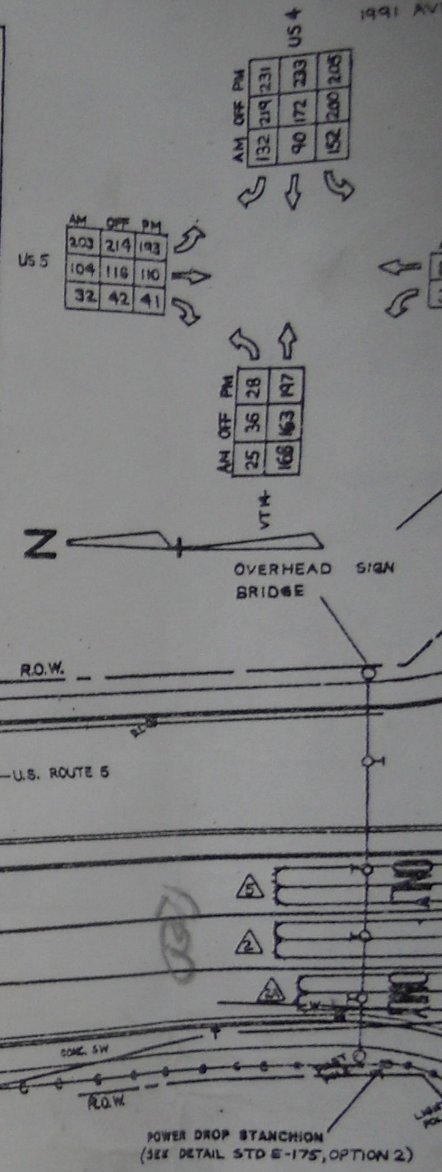

VEHICLE DETECTOR LOOPS

LOOP NO.	LANE	SIZE	TYPE & NO. TURNS	INDUCTANCE CALC	INDUCTANCE ACTUAL	RESISTANCE CALC	RESISTANCE ACTUAL
2	US 5 SB TH	6 x 55	QUAD-1	157		0.53	
2A	US 5 SB RT	6 x 50	QUAD-1	140		0.43	
3	US 4 WB LT	6 X 40	QUAD-1	151		0.84	
4A	VT 14 EB TH	6 x 40	QUAD-1	145		0.76	
4B	VT 14 EB TH	6 x 40	QUAD-1	142		0.72	
5	US 5 SB LT	6 x 55	QUAD-1	160		0.87	
6A	US 5 NB TH	6 x 40	QUAD-1	136		0.90	
6B	US 5 NB TH	6 x 40	QUAD-1	159		0.84	
8	US 4 WB TH	6 x 40	QUAD-1	146		0.90	
8A	US 4 WB RT	6 x 40	QUAD-1	142		0.74	

LOOP NOTES:

1. EACH LOOP SHALL HAVE ITS OWN AMPLIFIER.
2. ALL LOOPS AND LEADINS SHALL BE 12 AWG.
3. INDUCTANCE IS IN MICROHENRIES, RESISTANCE IN OHMS.
4. LOOP 2A AND LOOP 8A SHALL RUN ON A 5 SECOND DELAY.

ELECTRICAL CONDUIT AND ELECTRICAL CONDUIT SLEEVE

LOCATION		1 1/2"	2"	2 1/2"	6"
CONTROLLER TO JB1	-		15 LF	15 LF	
JB1 TO SP1	-		7 LF		
JB1 TO JB2	-		56 LF	56 LF	44 LF
JB2 TO SP5	-		9 LF		
JB2 TO JB3	-		46 LF	46 LF	34 LF
JB3 TO SP4	-		10 LF		
JB3 TO LOOPS	-	18 LF			
JB3 TO JB4	-		(2)114 LF		44 LF
JB4 TO SP3	-		9 LF		
JB4 TO LOOPS	-	17 LF			
					35 LF

IF MORE THAN ONE LENGTH OF CONDUIT IS REQUIRED, THE QUANTITY OF CONDUIT SHOWN HAS BEEN DOUBLED OR TRIPLED AS REQUIRED.

SIGNAL FACE ARRANGEMENT

ALL VEHICLE HEADS SHALL BE 12"