



VEHICULAR SIGNAL HEADS
 RIGID MOUNTED

PEDESTRIAN
 SIGNAL HEAD

LOOP	SIZE	TURNS	MODE	DELAY	PHASE	REMARK	LOCATION 1st FRONT CORNER	LOCATION 2nd FRONT CORNER
L-1	5x20	2	PRESENCE	3.0	5	STANDARD	STA. 161+78, 03' LT.	STA. 161+78, 03' RT.
L-2	5x20	2	PRESENCE	3.0	1	STANDARD	STA. 160+51, 03' LT.	STA. 160+51, 03' RT.
L-3	6X35	2	PRESENCE	5.0	4	STANDARD	STA. 10+32, 19.5' LT.	STA. 10+32, 25.5' LT.
L-4	6X35	2	PRESENCE	2.0	4	STANDARD	STA. 10+32, 7.5' LT.	STA. 10+32, 13.5' LT.
L-5	5x30	2	PRESENCE	3.0	7	STANDARD	STA. 10+39, 02' LT.	STA. 10+39, 04' RT.
L-6	5X35	2	PRESENCE	3.0	3	STANDARD	STA. 9+61, 03' LT.	STA. 9+61, 03' RT.
L-7	6x35	2	PRESENCE	3.0	8	STANDARD	STA. 9+61, 08' RT.	STA. 9+61, 14' RT.
L-8	6x6	3	PULSE	-	6	STANDARD	STA. 158+23, 04' RT.	STA. 158+23, 10' RT.
L-9	6x6	3	PULSE	-	2	STANDARD	STA. 164+11, 06' LT.	STA. 164+11, 12' LT.

LOOP DETECTOR CHART

FUNCTION	φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
INITIAL GREEN	5.0	-	5.0	5.0	5.0	-	5.0	5.0
MINIMUM GREEN	-	25.0	-	-	-	25.0	-	-
VEHICLE EXTENSION	3.0	4.0	3.0	3.5	3.0	4.0	3.0	3.5
MAXIMUM GREEN	20.0	35.0	20.0	25.0	20.0	35.0	20.0	25.0
PEDESTRIAN WALK	-	7.0	-	7.0	-	7.0	-	7.0
PEDESTRIAN CLEARANCE	-	17.0	-	15.0	-	17.0	-	15.0
VEHICLE YELLOW CLEARANCE	3.0	3.5	3.0	3.5	3.0	3.5	3.0	3.5
VEHICLE ALL RED CLEARANCE	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
RECALL	OFF	MAX	OFF	OFF	OFF	MAX	OFF	OFF
MEMORY	NON	NON	NON	NON	NON	NON	NON	NON

SIGNAL TIMING CHART

SIGNAL HEAD	φ1 & φ5		φ2 & φ5		φ1 & φ6		φ2 & φ6		φ3 & φ7		φ3 & φ8		φ4 & φ7		φ4 & φ8		FLASH	DWELL			
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR					
A	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R	Y	G		
B	R	R	R	R	G	G	R	R	R	R	R	R	R	R	R	R	R	R	Y	G	
C	R/φ	R/φ	R/φ	R/φ	R	R	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R	R	Y	G	
D	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	G
E	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	G
F	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	G
G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	Y	G
H	R/φ	R/φ	R/φ	R/φ	R	R	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R/φ	R	R	R	Y	G
X-X	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	OUT	DW
W-W	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	OUT	DW
Y-Y	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	OUT	DW
Z-Z	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	OUT	DW

SIGNAL SEQUENCE CHART

- ① IF φ1 & φ6 OR φ2 & φ6 NEXT THEN R/φ
- ② IF φ1 & φ6 OR φ2 & φ6 NEXT THEN R
- ③ IF φ1 & φ6 NEXT THEN R/φ
- ④ IF φ1 & φ6 NEXT THEN R/φ
- ⑤ IF φ4 & φ7 OR φ4 & φ8 NEXT THEN R/φ
- ⑥ IF φ4 & φ7 OR φ4 & φ8 NEXT THEN R
- ⑦ IF φ4 & φ7 NEXT THEN R/φ