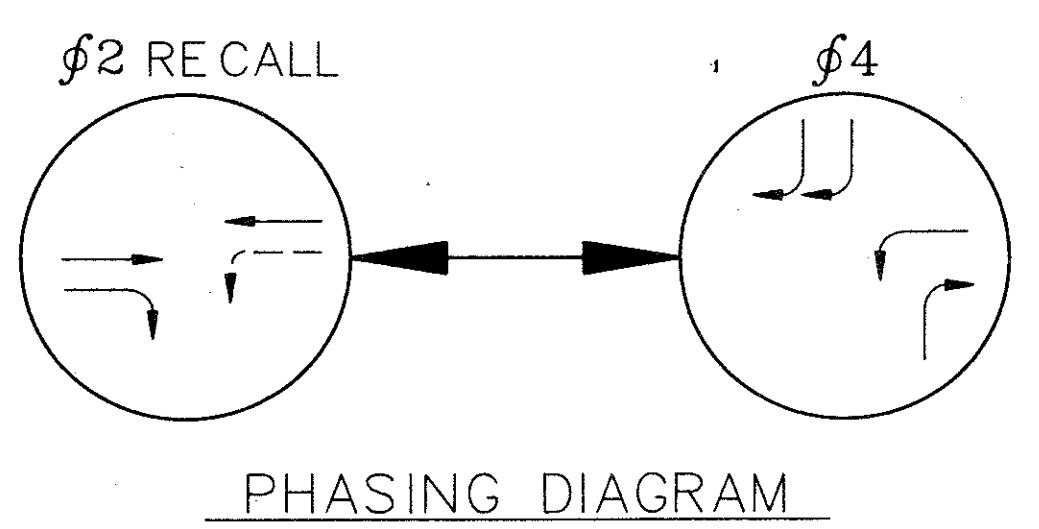
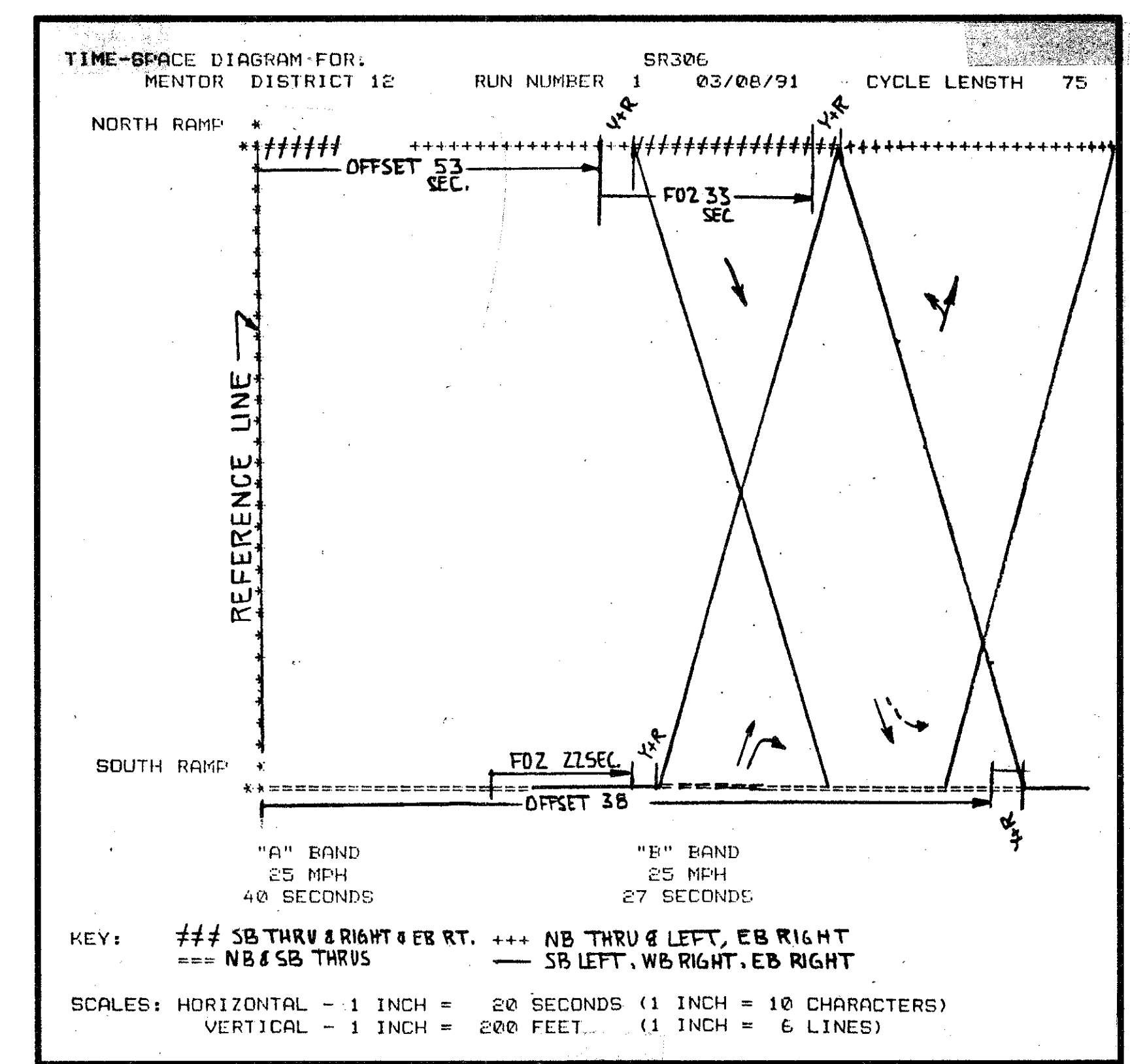
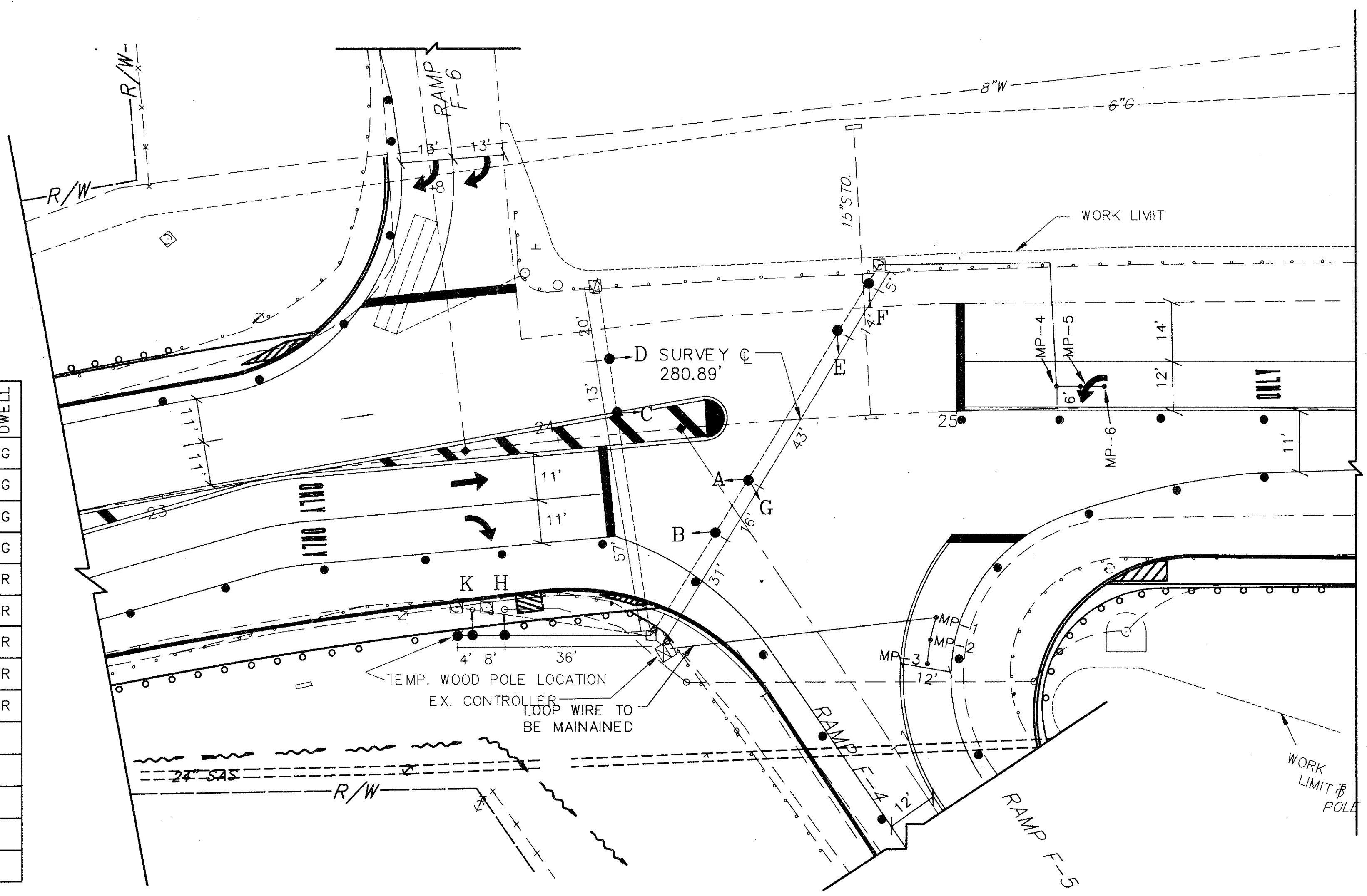


PHASE 1

① TIME SPACE DIAGRAM 75 SEC. CYCLE BALANCED



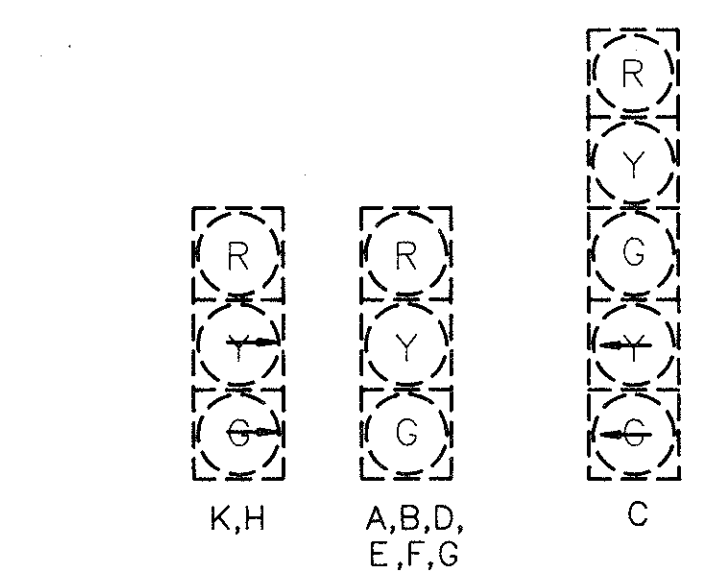
SIGNAL HEAD	φ2		φ4		R/W	CLEAR	FLASH	DWELL
	R/W	CLEAR	R/W	CLEAR				
A	G	Y R	R R R				Y	G
B	G	Y R	R R R				Y	G
C	G	Y R	R R R				Y	G
D	G	Y R	R R R				Y	G
E	R	R R	G Y R				R	R
F	R	R R	G Y R				R	R
G	R	R R	G Y R				R	R
H	R	R R	G Y R				R	R
K	R	R R	G Y R				R	R



SIGNAL SEQUENCE CHART

SOUTH RAMPS / PHASE 1 CONSTRUCTION	
DESCRIPTION	TIMING PROGRAM (CYCLE NO.)
CYCLE LENGTH (SEC.)	75
OFFSET (RESET) NO. 1 (SEC.)	38
FORCE - OFF #2	22
FORCE - OFF #3	
FORCE - OFF #4	
FORCE - OFF #5	
LENGTH OF HOLD - RELEASE OR YIELD (PERMISSIVE) (SEC.)	4

FUNCTION	φ2	φ4
INITIAL GREEN		7.0
MINIMUM GREEN	30.0	
VEHICLE EXTENSION		2.5
MAXIMUM GREEN		15.0
PEDESTRIAN WALK	8.0	
PEDESTRIAN CLEARANCE	12.0	
VEHICLE YELLOW CLEARANCE	3.5	3.5
VEHICLE ALL RED CLEARANCE	1.0	1.0
RECALL	YES	
MEMORY		



NOTE: EXISTING LOOPS SHALL BE UTILIZED DURING THIS PHASE OF CONSTRUCTION. IF DETECTORS ARE FOUND TO BE UNUSABLE, THE CONTRACTOR SHALL UTILIZE MAGNETOMETER PROBES IN THE PRESENCE MODE. IF USED, MAGNETOMETER PROBES SHALL BE INSTALLED BETWEEN A DEPTH OF 18"-24" LOCATED 25' BACK FROM STOP LINE.

LOOP	SIZE	TURNS	MODE	DELAY	PHASE	REMARK	INHIBITED DELAY	LOCATION 1st MAG PROBE
MP-1,2,3	-	-	PRESENCE	15.0		φ4	YES	STA.24+94.52'R
MP-4,5,6	-	-	PRESENCE	3.0		φ4	YES	STA.25+25.6'R

LOOP DETECTOR CHART

- OFFSETS ARE MEASURED FROM INCOMING MASTER SYNCH PULSE TIME TO HOLD-RELEASE (YIELD) AT END OF MAJOR STREET PHASE WHICH IS PHASE # 1. END OF MAJOR STREET PHASE IS END OF GREEN/BEGINNING OF YELLOW, EXCEPT WHERE PEDESTRIAN TIMING PROVIDED, IN WHICH CASE IT IS END OF GREEN PLUS WALK/BEGINNING OF GREEN - PLUS FLASHING DON'T WALK.
- FORCE OFF IS MEASURED FROM THE HOLD RELEASE (YIELD).

THE CONTRACTOR SHALL PROVIDE COORDINATION OBTAINED FROM THE EXISTING INTERCONNECT OR THE USE OF TIME BASE COORDINATORS.