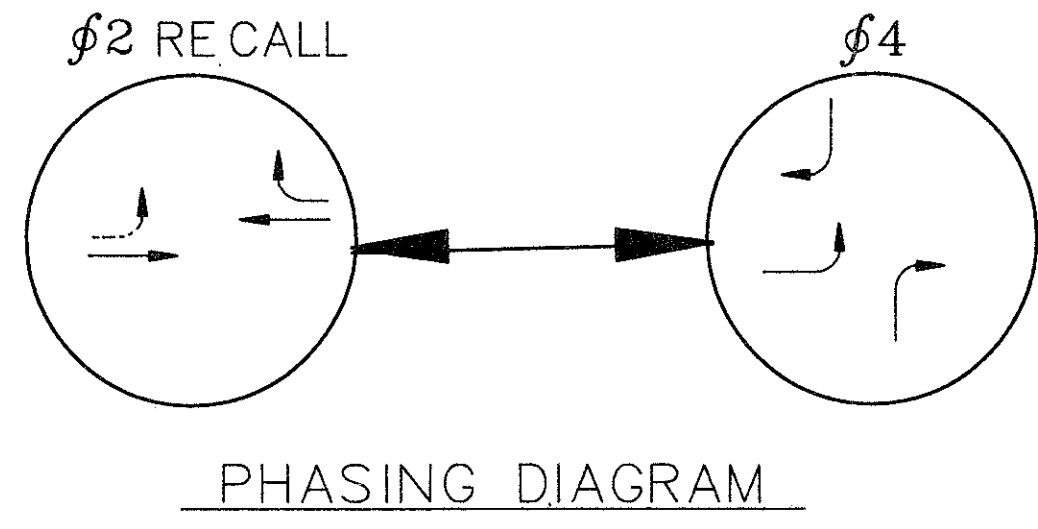
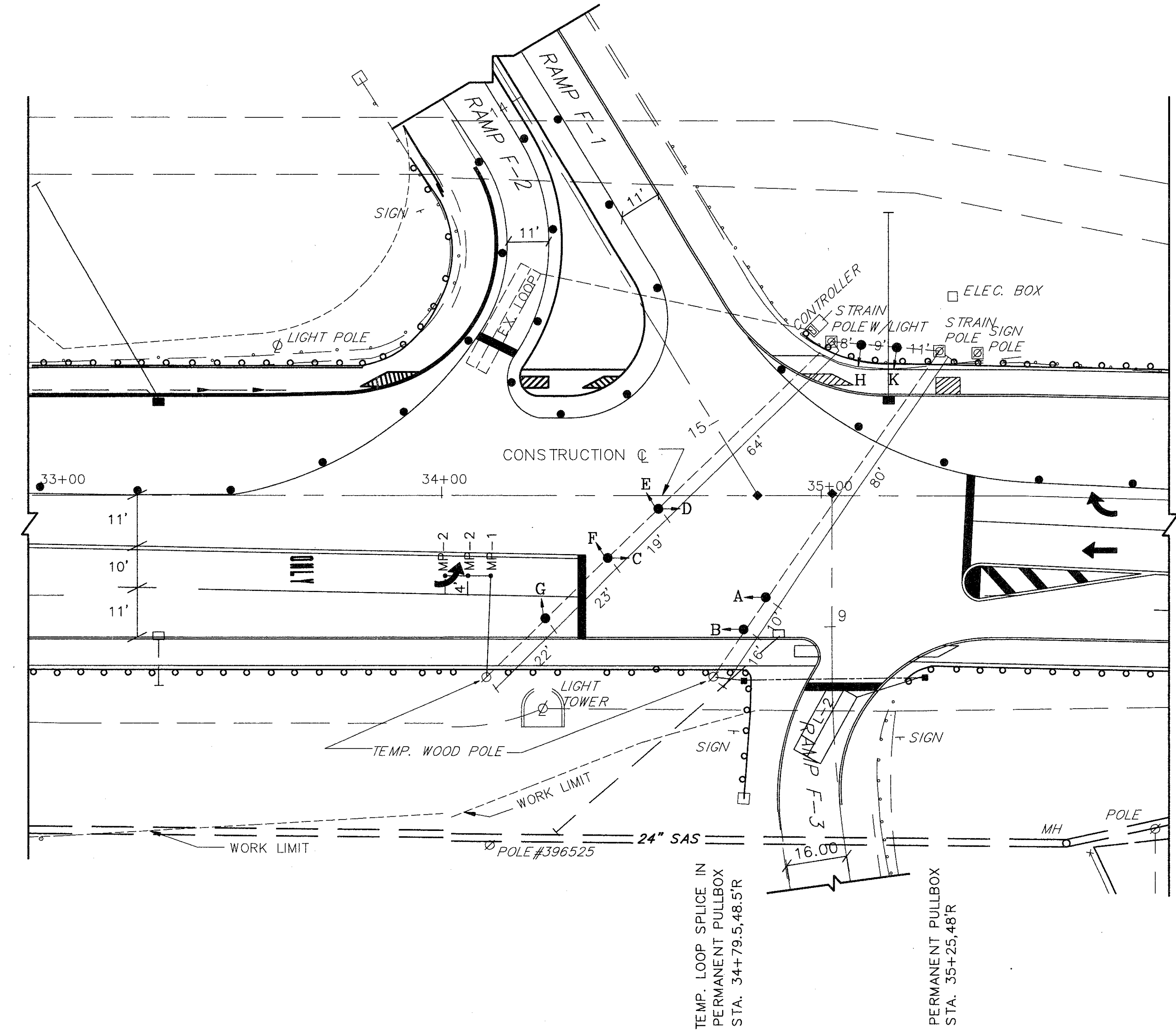


PHASE 2



SIGNAL HEAD	φ2		φ4		FLASH	DWELL
	R/W	CLEAR	R/W	CLEAR		
A	G	Y R	R/G	Y R		Y G
B	G	Y R	R	Y 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



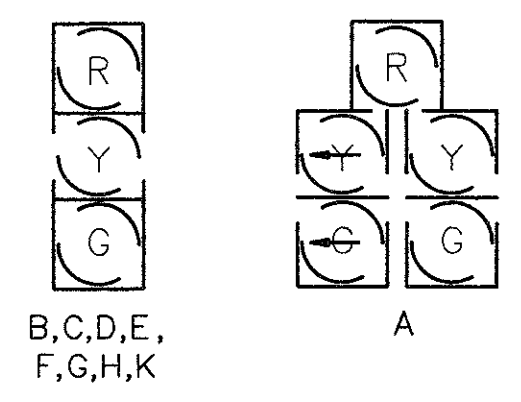
DESCRIPTION		TIMING PROGRAM (CYCLE NO.)				
CYCLE LENGTH (SEC.)	75					
OFFSET (RESET) NO. 1 (SEC.)	68					
FORCE - OFF #2	34					
FORCE - OFF #3						
FORCE - OFF #4						
FORCE - OFF #5						
LENGTH OF HOLD - RELEASE OR YIELD (PERMISSIVE) (SEC.)	4					

- 1.) 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.
- 2.) 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.

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

SIGNAL TIMING CHART



EX. 12" SIGNAL HEADS RELOCATED, AS PER PLAN

NOTE: MAGNETOMETER PROBES SHALL BE INSTALLED BETWEEN A DEPTH OF 18"-24" LOCATED 25' BACK FROM STOP LINE.
NOTE: LEAD-IN SHALL BE PLACED AND/OR PROTECTED THROUGH CONSTRUCTION WORK LIMITS.

LOOP	SIZE	TURNS	MODE	DELAY	PHASE	REMARK	INHIBITED DELAY	LOCATION 1st FRONT CORNER	LOCATION 2nd FRONT CORNER
MP-1,2,3			PRESENCE	3.0	φ4	-	YES	STA. 34+13.21'R	
L-2	8X20	2 X 4 X 2	PRESENCE	15.0	φ4	QUADRAPOLE	YES	STA. 35+2.5, 49.5'R	STA. 35+09, 53'R

LOOP DETECTOR CHART