

# TRAFFIC SIGNAL NOTES

## CONTROLLER TIMING CHART

US ROUTE 7 & VT ROUTE 7A & KOCHER DRIVE								
PHASE	7NLT	7STH	KDLT	7ATH	7SLT	7NTH	7ALT	KDTH
TRAFFIC MOVEMENT	↖	↓	↙	→	↘	↑	↗	←
MINIMUM GREEN	8	8	8	8	8	8	8	8
MAXIMUM 1 GREEN	14	8	12	18	14	8	12	18
MAXIMUM 2 GREEN	21	8	12	25	21	8	12	25
MAXIMUM 3 GREEN	22	8	13	23	22	8	13	23
YELLOW CLEARANCE	4	4	4	4	4	4	4	4
ALL RED CLEARANCE	2	2	2	2	2	2	2	2
VEH. EXTENSION	2	2	2	2	2	2	2	2

## COORDINATION TIMING INFORMATION

US ROUTE 7 & VT ROUTE 7A & KOCHER DRIVE									
COORDINATED PHASES - 4 & 8	PHASES								OFFSETS IN SECONDS
	1	2	3	4	5	6	7	8	
	SPLIT TIMES IN SECONDS								
PATTERN 1 -76s CL	20	14	18	24	20	14	18	24	12
PATTERN 2 -90s CL	27	14	18	31	27	14	18	31	11
PATTERN 3 -90s CL	28	14	19	29	28	14	19	29	11

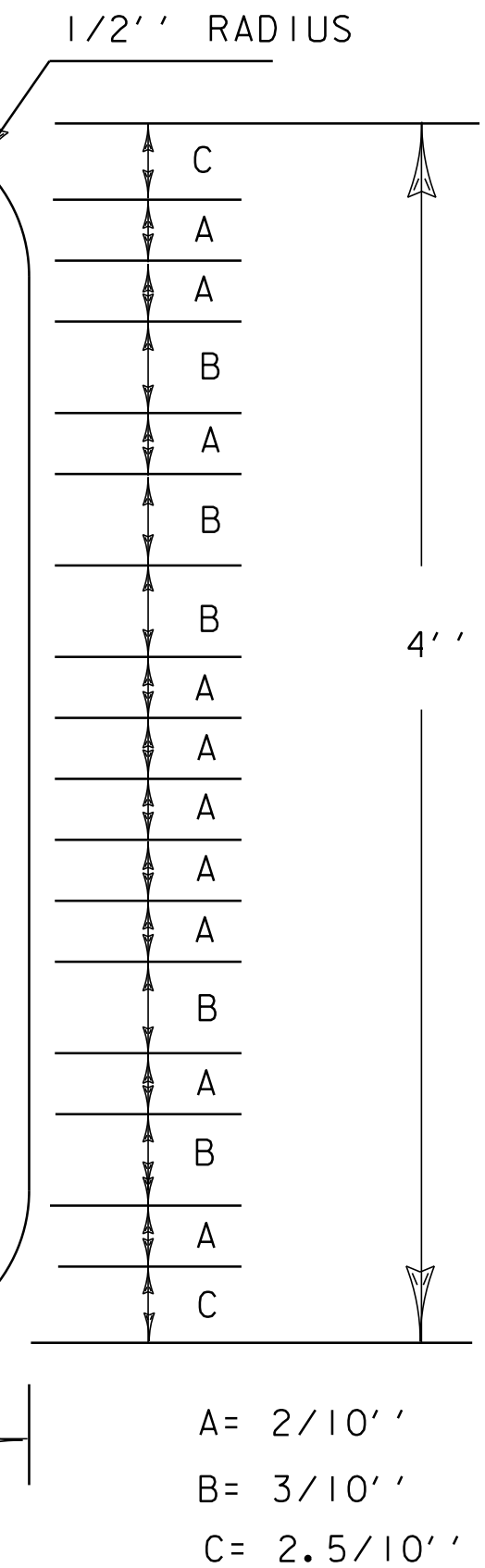
## TIME OF DAY PLANS

DAY PLAN	STEP BEGINS	PATTERN	COS	MAX TIME
1	0600	1	III	MAX 1
1	0900	2	2II	MAX 2
1	1400	3	3II	MAX 3
1	1900	1	III	MAX 1
1	2300	254	FREE	MAX 1
2	0600	1	III	MAX 1
2	0900	2	2II	MAX 2
2	1400	3	3II	MAX 3
2	2100	1	III	MAX 1
2	2300	254	FREE	MAX 1
3	0600	1	III	MAX 1
3	1000	2	2II	MAX 2
3	1800	1	III	MAX 1
3	2300	254	FREE	MAX 1

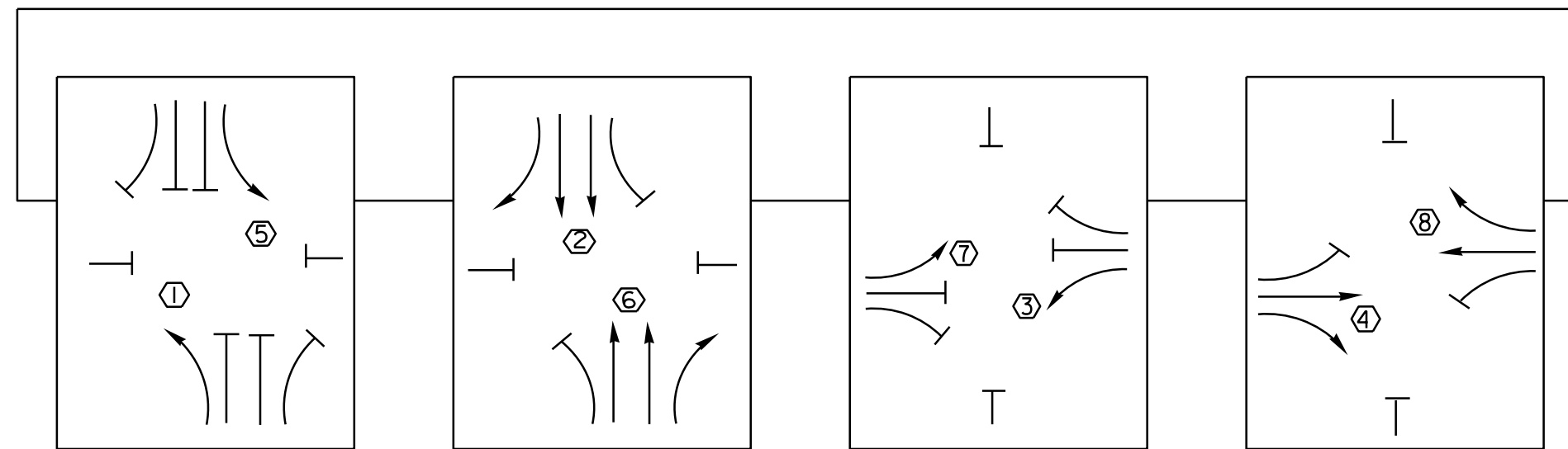
DAY PLAN 1 - MONDAY THRU THURSDAY  
 DAY PLAN 2 - FRIDAY  
 DAY PLAN 3 - SATURDAY AND SUNDAY

## CONTROLLER IDENTIFICATION PLAQUE

**PROPERTY OF :**  
**VT. AGENCY OF TRANS.**  
**MAINTENANCE DIV.**  
  
**IN EMERGENCY CALL :**  
**DIST. TRANS. OFFICE**  
**802-447-2790**  
  
**NIGHTS & WEEKENDS : 802-250-0163**  
  
**INTERSECTION NO. MS-106**



## PHASING DIAGRAM



LEGEND: - BLACK (NON-REFL.) - STAMPED PRIOR TO PAINTING  
 BACKGROUND: NATURAL ALUMINUM OR BRASS SURFACE

### NOTES:

- THE PLAQUE SHALL BE MOUNTED ON ALL TRAFFIC SIGNAL CONTROLLER CABINETS. IT SHALL BE FASTENED TO THE CONTROLLER CABINET IN SUCH A MANNER AS TO BE NOT EASILY REMOVED, SUCH AS WELDED, RIVETED OR BOLTED WITH VANDAL PROOF BOLTS.
- THE LETTERS SHALL BE PUNCHED OR STAMPED, SUCH STAMPING SHALL PENETRATE AT LEAST 1#2 THE BASE MATERIAL THICKNESS.
- THE BASE MATERIAL FOR THE PLAQUE SHALL BE BRASS OR ALUMINUM WITH A MINIMUM THICKNESS OF 0.100 INCHES.

NOT TO SCALE

**VIDEO  
DETECTION  
SYSTEM  
SHEET 2**

PROJECT NAME: BENNINGTON - MANCHESTER  
 PROJECT NUMBER: NH SURF (29)

FILE NAME: IIB026.dgn  
 PROJECT LEADER: M. FOWLER  
 DESIGNED BY: PVT. MGT.  
 PLOT FILE: IIB026-59.i

PLOT DATE: 22-AUG-2013 14:3  
 DRAWN BY: PVT. MGT.  
 CHECKED BY: PVT. MGT.  
 SHEET 59 OF 63