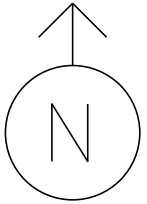
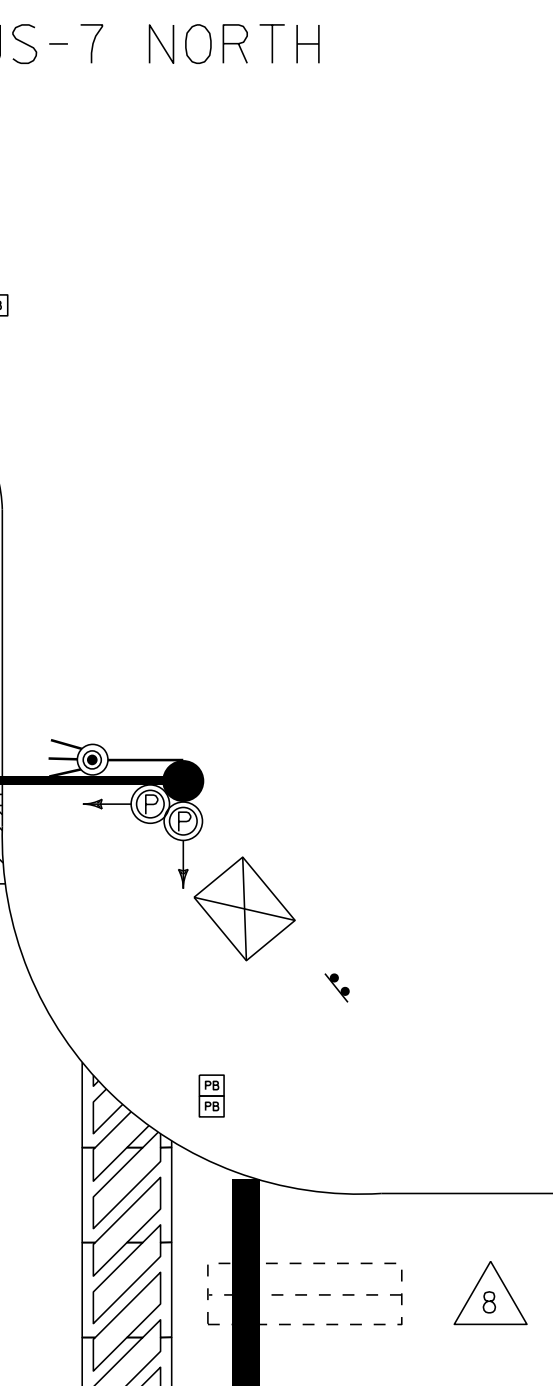
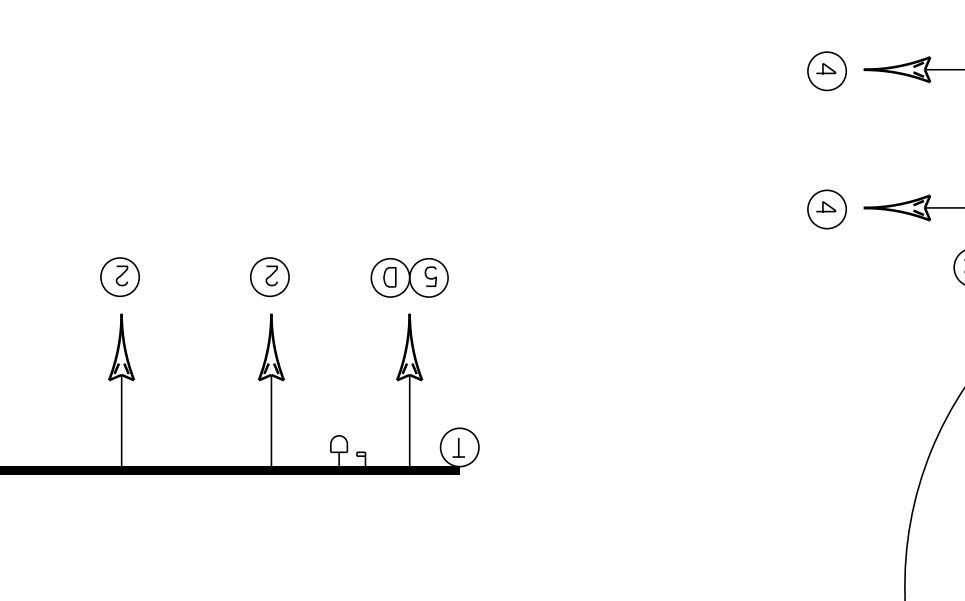
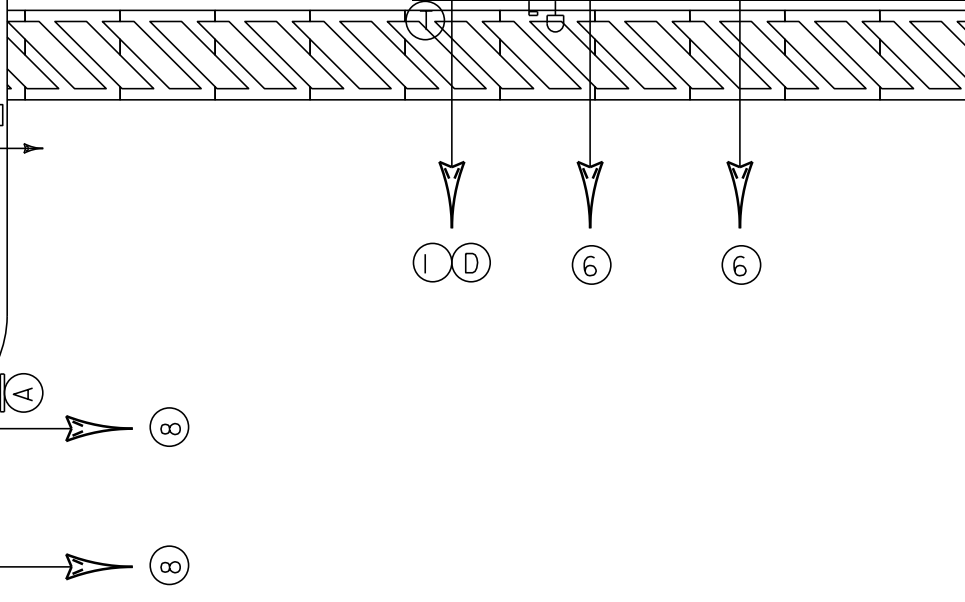
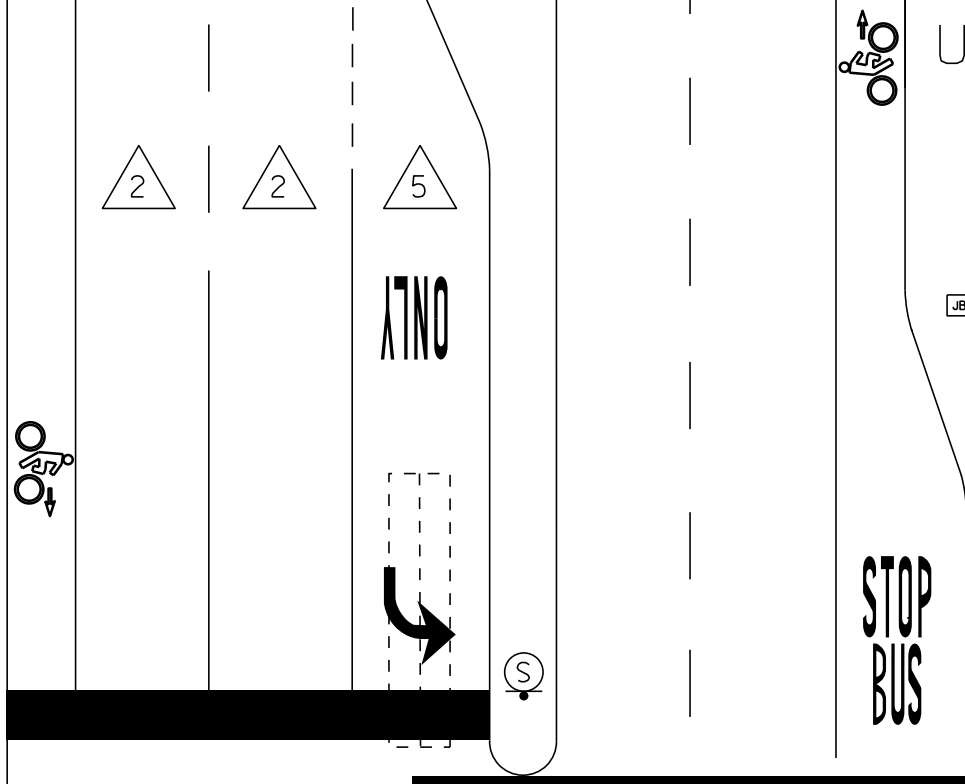


MS # 515



US-7 NORTH



HARBOR VIEW ROAD

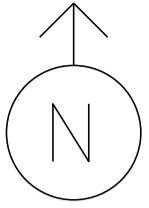
- ⊙ → PEDESTRIAN SIGNAL
- ⌞ PREEMPTION DETECTOR
- ⚡ PREEMPTION STROBE
- ⌞ L.E.D REGULATORY SIGN
- ⊠ CONTROL BOX
- MAST ARM
- LOOP DETECTION
- ⊠ JUNCTION BOX
- ⊠ PULL BOX
- ⌞ LUMINAIRE
- ⌞ STANCHION
- ⌞ ROADWAY SIGN

- (A) =
- (D) =
- (S) =
- (T) =

US-7 SOUTH

NOT TO SCALE

MS # 515



US-7 NORTH

12' 11' 10' 11' 12' 6'



LANE LINE 110'

LANE LINE 150'

ONLY



STOP BUS

STOP BAR 38'

CROSSWALK 78'

STOP BAR 13'

CROSSWALK 48'

14'

11'

11'

12'

HARBOR VIEW ROAD

STOP BAR 38'

STOP BUS



ONLY

LANE LINE 150'

LANE LINE 110'

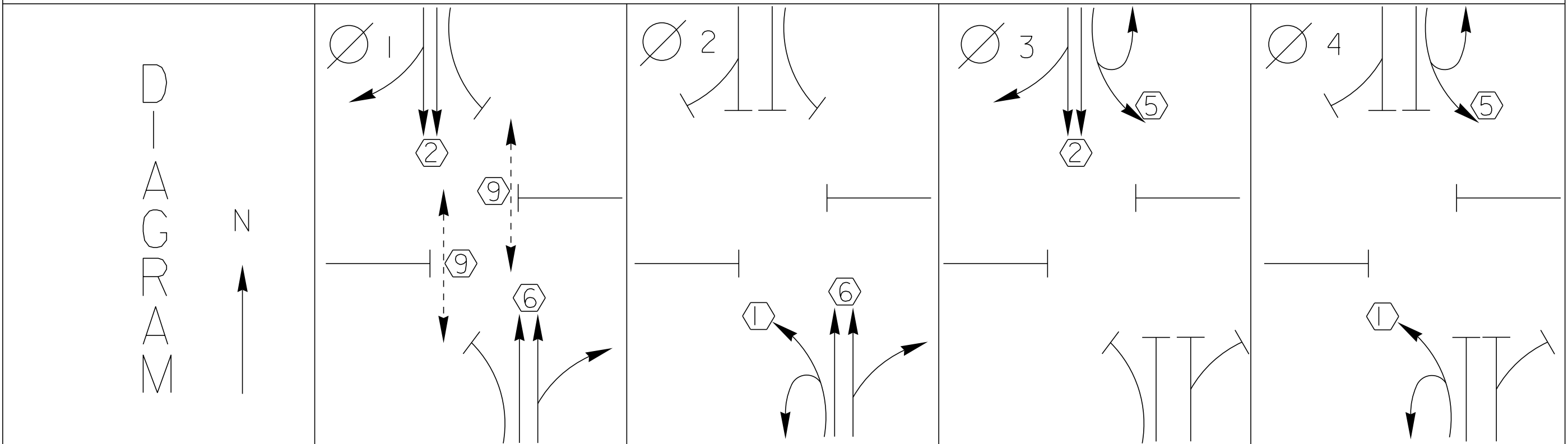


6' 12' 11'

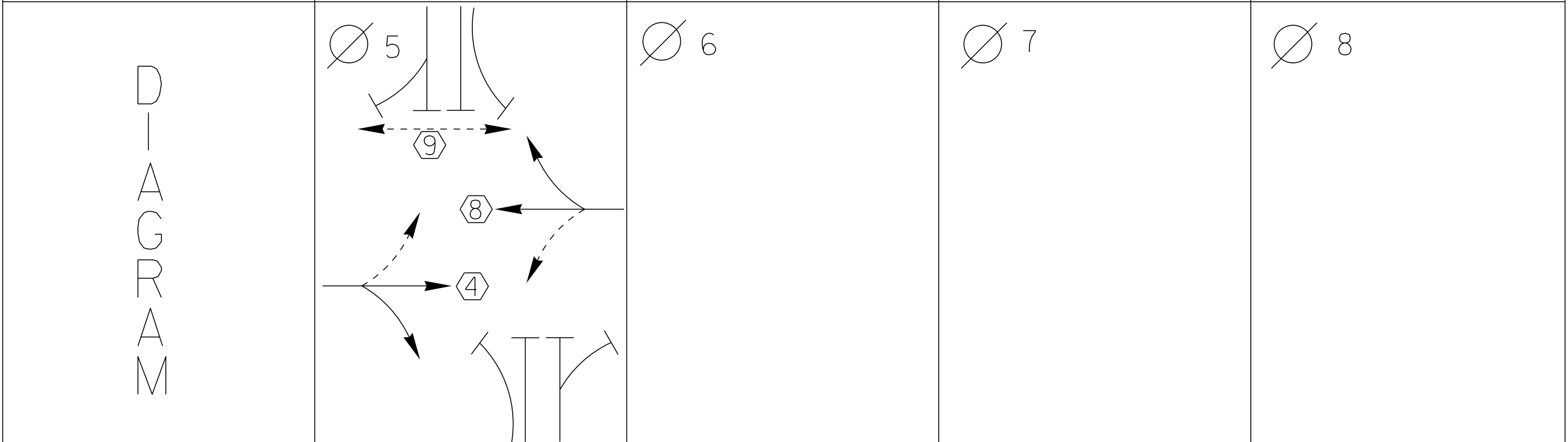
10' 11' 12' 6'

US-7 SOUTH

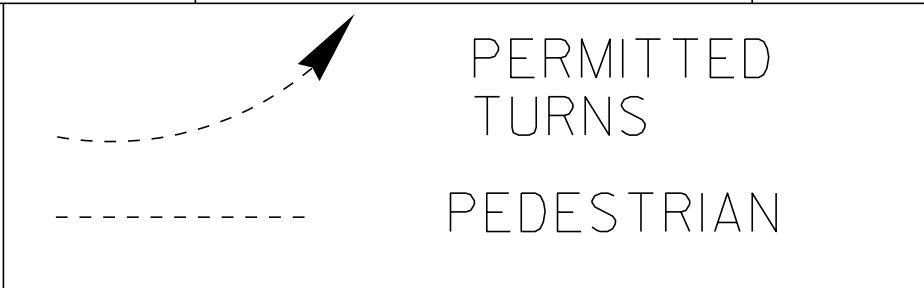
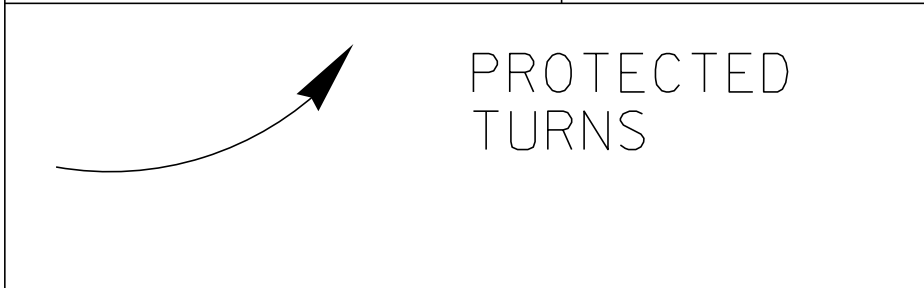
NOT TO SCALE



TIMING	G = Y =	G = Y =	G = Y =	G = Y =
--------	------------	------------	------------	------------



TIMING	G = Y =	G = Y =	G = Y =	G = Y =
--------	------------	------------	------------	------------

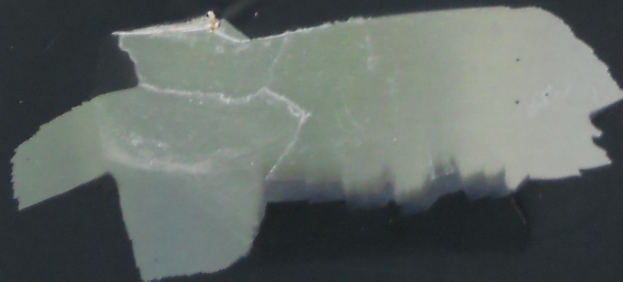


CYCLE LENGTH, C = \_\_\_\_\_ S



PROPERTY OF :  
VT. AGENCY OF TRANS.  
MAINTENANCE DIV.

IN EMERGENCY CALL :  
DIST. TRANS. OFFICE  
655-1580 COLCHESTER  
NIGHTS & WEEKENDS : 878-7111  
INTERSECTION NO. MS-515



**DANGER**

115 VOLTS A.C.

**WARNING**

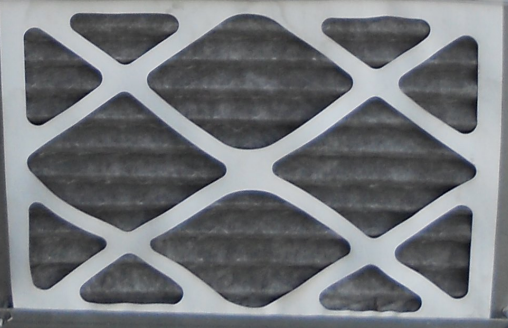
DO NOT OPERATE  
CABINET WITHOUT  
CMU / MMU

TURN ON  
11-15-05

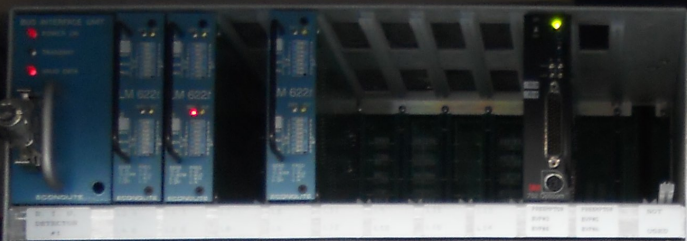
ECONOLITE

Clear plastic bag containing:

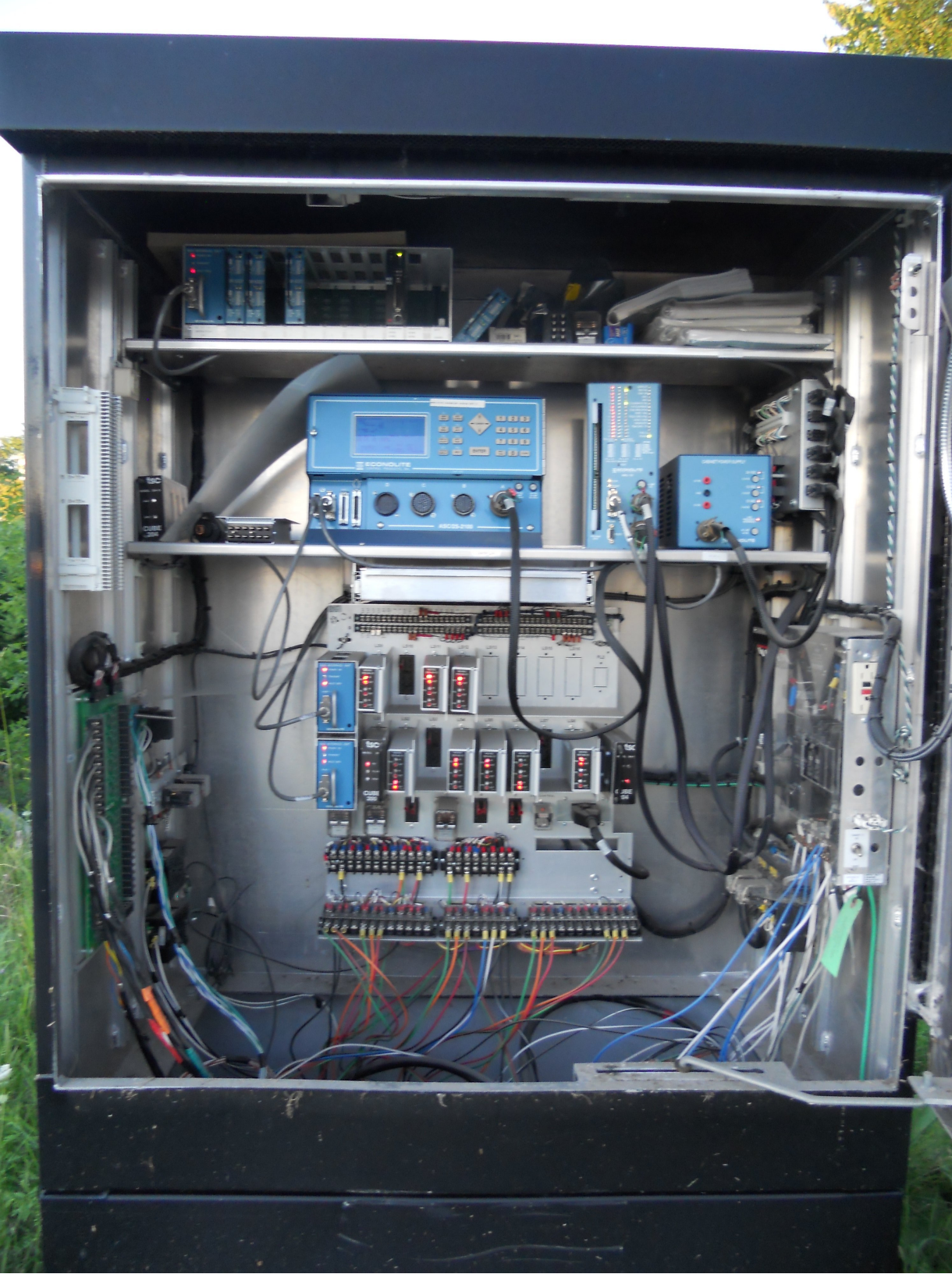
- Technical diagrams and manuals
- Warning label: **ATTENTION** (with a yellow triangle icon)
- Small components and hardware



CONNECT  
BATTERY GROUND







**BUS INTERFACE UNIT**

- POWER ON
- TRANSMIT
- VALID DATA

**ECONOLITE LM 622t**

DET FLT

1 2 3 4 5 6 7 8 9 10 11 12

SENS FREQ

15-HI 3-LO 0-000 PL SH 0-00

10-NORM 2-M LO 0-000 PL SH 0-00

5-LO 1-M HI 0-000 PL SH 0-00

0-OFF 0-HI 0-000 PL SH 0-00

**ECONOLITE LI 622t**

DET FLT

1 2 3 4 5 6 7 8 9 10 11 12

SENS FREQ

15-HI 3-LO 0-000 PL SH 0-00

10-NORM 2-M LO 0-000 PL SH 0-00

5-LO 1-M HI 0-000 PL SH 0-00

0-OFF 0-HI 0-000 PL SH 0-00

**ECONOLITE LM 622t**

DET FLT

1 2 3 4 5 6 7 8 9 10 11 12

SENS FREQ

15-HI 3-LO 0-000 PL SH 0-00

10-NORM 2-M LO 0-000 PL SH 0-00

5-LO 1-M HI 0-000 PL SH 0-00

0-OFF 0-HI 0-000 PL SH 0-00

3M 752 Opticom

GRA  
GNB

PRESPTOR PRESPTOR NOT  
EVP81 EVP85  
EVP84 EVP86 USED

B. I. U.  
DETECTOR  
#1

L3 4  
L4 8

L1 1  
L2 5

L7  
L8

L5  
L6

L11  
L12

MS 515 HARBOR VIEW RT 7

F1 MAIN MENU F2 NEXT SCREEN

F3 SUB MENU F4 NEXT DATA

F5 DISPLAY ADJUST F6 NEXT PAGE

F7 STATUS DISPLAY F8 HELP

CURSOR

1 2  
4 5  
7 8  
ENTER





	SIGNAL
	INTERCONNECT
	LOOP #1
	VAOT LIGHTING
	SOUTH BURLINGTON LIGHTING
	LOOP #1
	VAOT LIGHTING
	INTERCONNECT
42	SIGNAL
	SPARE
	LOOP #8
	LOOP #4
	LOOP #4 / PRE-EMPTION
37	VAOT LIGHTING
	SIGNAL
	LOOP #5
	SPARE
	SIGNAL
	SOUTH BURLINGTON LIGHTING
	LOOP #4 & #5 / PRE-EMPTION
	VAOT LIGHTING
84	SIGNAL
	SPARE
	PRE-EMPTION
	SIGNAL
	VAOT LIGHTING
	LOOP #1, #2, #3 & #5 / PRE-EMPTION
	SIGNAL
	SOUTH BURLINGTON LIGHTING
	VAOT LIGHTING
	INTERCONNECT
	SIGNAL
	SOUTH BURLINGTON LIGHTING
	SIGNAL / VAOT LIGHTING
163	

ITEM 678.26 - JUNCTION BOX

389+82, 36' RT (L-33)  
390+55, 46' LT (L-35)

ITEM 678.26 (MOD.) - JUNCTION BOX

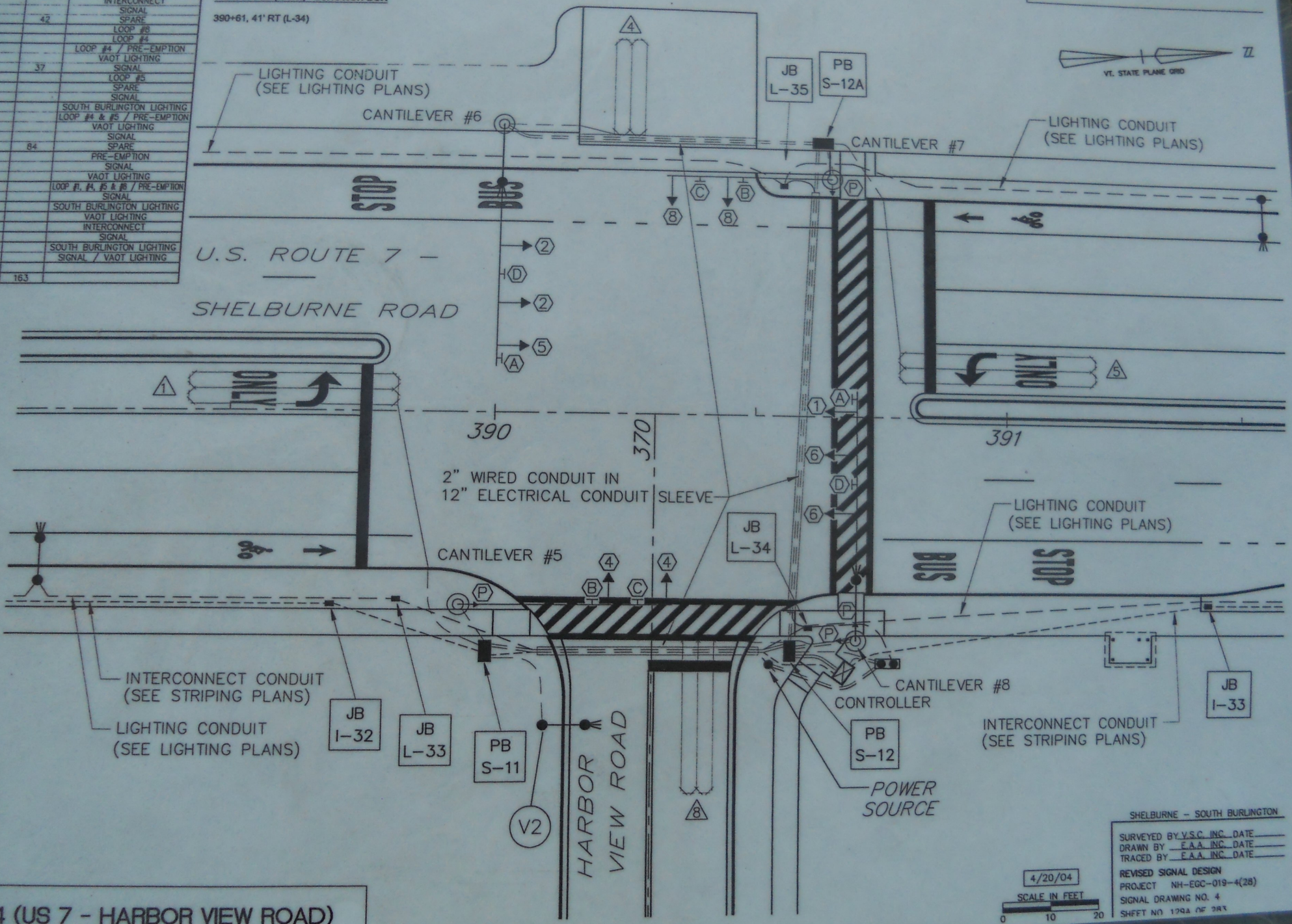
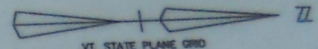
390+61, 41' RT (L-34)

ITEM 678.27 - PULLBOX - DOUBLE

389+99, 46' RT (S-11)  
390+57, 46' RT (S-12)  
390+65, 55' LT (S-12A)

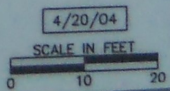
SEE-WE LOCATIONS  
390+09, 45.1' RT. - 390+51, 45.1' RT.  
390+57, 38.3' RT. - 390+62, 45.2' LT.  
390+13, 55' LT - 390+50, 55' LT

NOTE:  
SEE SIGNAL DRAWING NOS. 1 & 2 FOR:  
TRAFFIC SIGNAL & GENERAL NOTES AND  
LIST OF MAJOR EQUIPMENT.

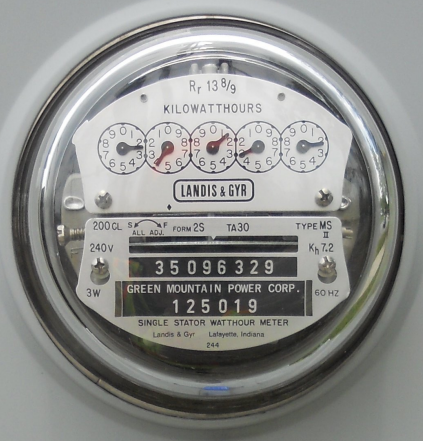


-514 (US 7 - HARBOR VIEW ROAD)

SHELburne - SOUTH BURLINGTON  
 SURVEYED BY V.S.C. INC. DATE \_\_\_\_\_  
 DRAWN BY E.A.A. INC. DATE \_\_\_\_\_  
 TRACED BY E.A.A. INC. DATE \_\_\_\_\_  
 REVISED SIGNAL DESIGN  
 PROJECT NH-EGC-019-4(28)  
 SIGNAL DRAWING NO. 4  
 SHEET NO. 199A OF 283



**⚡ DANGER / PELIGRO**  
HAZARD OF ELECTRICAL SHOCK OR BURN  
SERVICIO BY QUALITY AUTHORIZED PERSONNEL ONLY  
DO NOT PAINT OVER OR REMOVE THIS LABEL.  
PELIGRO DE DESCARGA ELECTRICA O QUEMADURA  
SOLAMENTE PERSONAL AUTORIZADO DE LA COMPAÑIA  
ELECTRICA PODEN MANTENERLA  
NO PINTES ENCIMA NI REMUEVA ESTA ETIQUETA



CIRCUIT BREAKERS UNDER FLAP  
NO FUSES IN BOX  
DO NOT BREAK SEAL



**⚡ DANGER / PELIGRO**  
HAZARD OF ELECTRICAL SHOCK OR BURN  
SERVICIO BY QUALITY AUTHORIZED PERSONNEL ONLY  
DO NOT PAINT OVER OR REMOVE THIS LABEL.  
PELIGRO DE DESCARGA ELECTRICA O QUEMADURA  
SOLAMENTE PERSONAL AUTORIZADO DE LA COMPAÑIA  
ELECTRICA PODEN MANTENERLA  
NO PINTES ENCIMA NI REMUEVA ESTA ETIQUETA



BONHO

WELLS

ONLY





BOND

LEFT TURN  
ON  
A  
TURN

POLLAR

ONLY



ELBURN RD

LEFT TURN  
OR  
U  
TURN

ONLY

HARBOR VIEW RD

Pou...



HARBOR VIEW RD



TRUCK  
U-TURN  
2+ MILES  
AHEAD

NO  
PARKING  
IN  
BUS LANE











HARBOR VIEW RD



NO  
PARKING

Accommodations  
Apparel Store  
South Village  
Community

POULLIN

South Village Sales  
of South Burlington  
100 Community

We Service  
West Orleans Bell

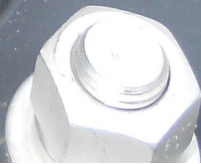


#C6 - 150 - H.P.S. - III

UNION  
MAY 19 1981  
VER 10 1981  
241

#C6 - 150 - H.P.S. - III

LMC  
7GA 14 20 ARM  
7GA 10 49 55KSI  
01/2004





SHELBURNE RD



PLEASE TENDRY  
GONG ALLEN TO  
TO ACCESS  
OPEN ST  
RATHER THAN  
NEIGHBORHOOD  
STREETS.

SHELBURNE RD







768  
768





ONLY



LEFT TURN  
ON  
RED

WALTON BL



LEFT TURN  
OR  
U  
TURN

LANE

HARBOR VIEW DR

STOP



HARBOR VIEW RD



40  
RIGHT TURN  
LIGHT AT STOP

RIGHT  
LANE  
ONLY



HARBOR VIEW RD

ONLY

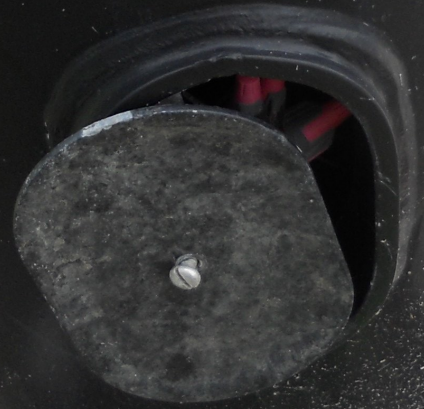


NO PARKING

STOP  
BUS

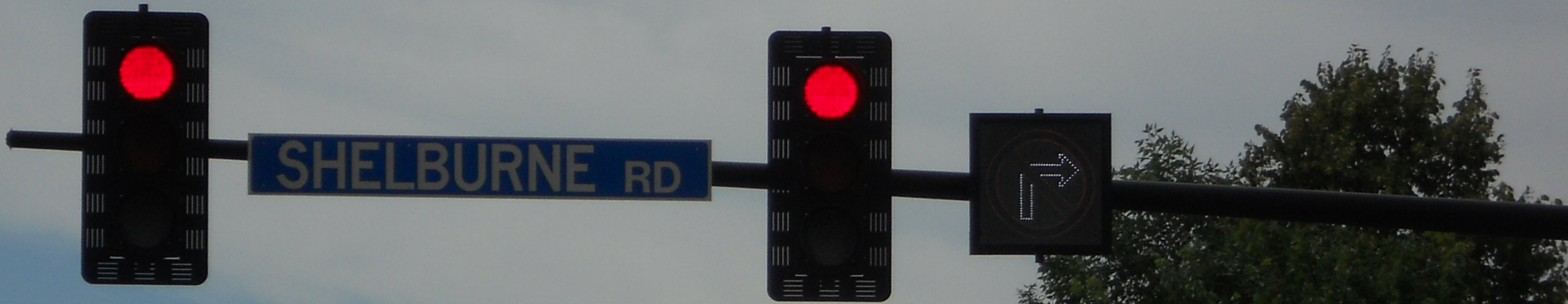
#C8 - 150 - H.P.S. - III

LML  
7GA-14-33  
7GA-10749-SS  
04/2004









SHELBURNE RD

















Coordination Patterns

```

-----
Pattern 1
Cycle Length . . . 70  COS . . . . . 111
Offset . . . . . 34
Vehicle Permissive . . [1] 0 [2] 0
Vehicle Perm 2 Displacement 0 Phase Reservice. . NO
Splits: Phase 1- 14 2- 36 3- 0 4- 20
        Phase 5- 14 6- 36 7- 0 8- 20
        Phase 9- 0 10- 0 11- 0 12- 0 Split Sum: 0
Split Extension/Ring [1] 0 [2] 0
Split Demand Pattern [1] 0 [2] 0
XRT Pattern. . . 0
Phase Number: 1 2 3 4 5 6 7 8 9 10 11 12
Coord Phases . . . X . . . X . . . . .
Veh Recall . . . . . . . . . . .
Veh Max Recall . . X . . . X . . . . .
Ped Recall . . . . . . . . . . .
Veh Omit . . . . . . . . . . .
Alt Sequence . . A: . B: . C: . D: . E: . F: .
-----
    
```

```

-----
Pattern 2
Cycle Length . . . 70  COS . . . . . 211
Offset . . . . . 45
Vehicle Permissive . . [1] 0 [2] 0
Vehicle Perm 2 Displacement 0 Phase Reservice. . NO
Splits: Phase 1- 14 2- 36 3- 0 4- 20
        Phase 5- 14 6- 36 7- 0 8- 20
        Phase 9- 0 10- 0 11- 0 12- 0 Split Sum: 0
Split Extension/Ring [1] 0 [2] 0
Split Demand Pattern [1] 0 [2] 0
XRT Pattern. . . 0
Phase Number: 1 2 3 4 5 6 7 8 9 10 11 12
Coord Phases . . . X . . . X . . . . .
Veh Recall . . . . . . . . . . .
Veh Max Recall . . X . . . X . . . . .
Ped Recall . . . . . . . . . . .
Veh Omit . . . . . . . . . . .
Alt Sequence . . A: . B: . C: . D: . E: . F: .
-----
    
```

```

-----
Pattern 3
Cycle Length . . . 80  COS . . . . . 311
Offset . . . . . 58
Vehicle Permissive . . [1] 0 [2] 0
Vehicle Perm 2 Displacement 0 Phase Reservice. . NO
Splits: Phase 1- 16 2- 43 3- 0 4- 21
        Phase 5- 16 6- 43 7- 0 8- 21
        Phase 9- 0 10- 0 11- 0 12- 0 Split Sum: 0
Split Extension/Ring [1] 0 [2] 0
Split Demand Pattern [1] 0 [2] 0
XRT Pattern. . . 0
Phase Number: 1 2 3 4 5 6 7 8 9 10 11 12
Coord Phases . . . X . . . X . . . . .
Veh Recall . . . . . . . . . . .
Veh Max Recall . . X . . . X . . . . .
Ped Recall . . . . . . . . . . .
Veh Omit . . . . . . . . . . .
Alt Sequence . . A: . B: . C: . D: . E: . F: .
-----
    
```



NIC Program Steps

-----

Step	Program	Step Begins	Pattern	Override
1	1	0600	1	NO
2	1	0800	2	NO
3	1	1600	3	NO
4	1	1800	2	NO
5	2	0600	2	NO
6	2	1130	3	NO
7	2	1600	2	NO

TOD Program Steps

-----

Step 1            Program 1            Step Begins    0600

Flash. . . . . Dimming Enable. . . . .  
 Red Rest . . . . . Alt Veh Extension . . . . .  
 Spare 5. . . . . Det Log Enable. . . . .  
 Spare 3. . . . . Spare 4 . . . . .  
 Type 0 Dly Enable. . . Spare 2 . . . . .  
 Det Diag Plan. . . . 0

	Phase Number											
	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Max 3 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit. . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Special Function . . . . .	.	.	.	.	.	.	.	.	.	.	.	.

	A	B	C	D	E	F
Alt Sequence . . . . .	.	.	.	.	.	.

-----

Step 2            Program 1            Step Begins    0800

Flash. . . . . Dimming Enable. . . . .  
 Red Rest . . . . . Alt Veh Extension . . . . .  
 Spare 5. . . . . Det Log Enable. . . . .  
 Spare 3. . . . . Spare 4 . . . . .  
 Type 0 Dly Enable. . . Spare 2 . . . . .  
 Det Diag Plan. . . . 0

	Phase Number											
	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable . . . . .	X	X	.	X	X	X	.	X	.	.	.	.
Max 3 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit. . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Special Function . . . . .	.	.	.	.	.	.	.	.	.	.	.	.

	A	B	C	D	E	F
Alt Sequence . . . . .	.	.	.	.	.	.

-----



TOD Program Steps

Step 5 Program 2 Step Begins 0600

Flash. . . . . Dimming Enable. . . . .
Red Rest . . . . . Alt Veh Extension . . . . .
Spare 5. . . . . Det Log Enable. . . . .
Spare 3. . . . . Spare 4 . . . . .
Type 0 Dly Enable. . . Spare 2 . . . . .
Det Diag Plan. . . . 0

Table with 12 columns (Phase Number 1-12) and rows for Max 2 Enable, Max 3 Enable, Veh Recall, Veh Max Recall, Ped Recall, Cond Service Inhibit, Phase Omit, and Special Function.

Alt Sequence . . . . . A B C D E F

Step 6 Program 2 Step Begins 1130

Flash. . . . . Dimming Enable. . . . .
Red Rest . . . . . Alt Veh Extension . . . . .
Spare 5. . . . . Det Log Enable. . . . .
Spare 3. . . . . Spare 4 . . . . .
Type 0 Dly Enable. . . Spare 2 . . . . .
Det Diag Plan. . . . 0

Table with 12 columns (Phase Number 1-12) and rows for Max 2 Enable, Max 3 Enable, Veh Recall, Veh Max Recall, Ped Recall, Cond Service Inhibit, Phase Omit, and Special Function.

Alt Sequence . . . . . A B C D E F

TOD Program Steps

-----  
 Step 7            Program 2            Step Begins    1600

Flash. . . . . Dimming Enable. . . . .  
 Red Rest . . . . . Alt Veh Extension . . . . .  
 Spare 5. . . . . Det Log Enable. . . . .  
 Spare 3. . . . . Spare 4 . . . . .  
 Type 0 Dly Enable. . . Spare 2 . . . . .  
 Det Diag Plan. . . . 0

Phase Number

	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable . . . . .	X	X	.	X	X	X	.	X	.	.	.	.
Max 3 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit. . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Special Function . . . . .	.	.	.	.	.	.	.	.	.	.	.	.

A    B    C    D    E    F

Alt Sequence . . . . .  
 -----

Step 9            Program 1            Step Begins    0000

Flash. . . . . Dimming Enable. . . . .  
 Red Rest . . . . . Alt Veh Extension . . . . .  
 Spare 5. . . . . Det Log Enable. . . . .  
 Spare 3. . . . . Spare 4 . . . . .  
 Type 0 Dly Enable. . . Spare 2 . . . . .  
 Det Diag Plan. . . . 0

Phase Number

	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Max 3 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit. . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Special Function . . . . .	.	.	.	.	.	.	.	.	.	.	.	.

A    B    C    D    E    F

Alt Sequence . . . . .  
 -----

TOD Program Steps

-----

Step 10            Program 2            Step Begins    0000

Flash. . . . .	Dimming Enable. . . . .
Red Rest . . . . .	Alt Veh Extension . . . . .
Spare 5. . . . .	Det Log Enable. . . . .
Spare 3. . . . .	Spare 4 . . . . .
Type 0 Dly Enable. . . . .	Spare 2 . . . . .
Det Diag Plan. . . . . 0	

	Phase Number											
	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Max 3 Enable . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Ped Recall . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit. . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit . . . . .	.	.	.	.	.	.	.	.	.	.	.	.
Special Function . . . . .	.	.	.	.	.	.	.	.	.	.	.	.

	A	B	C	D	E	F
Alt Sequence . . . . .	.	.	.	.	.	.

-----