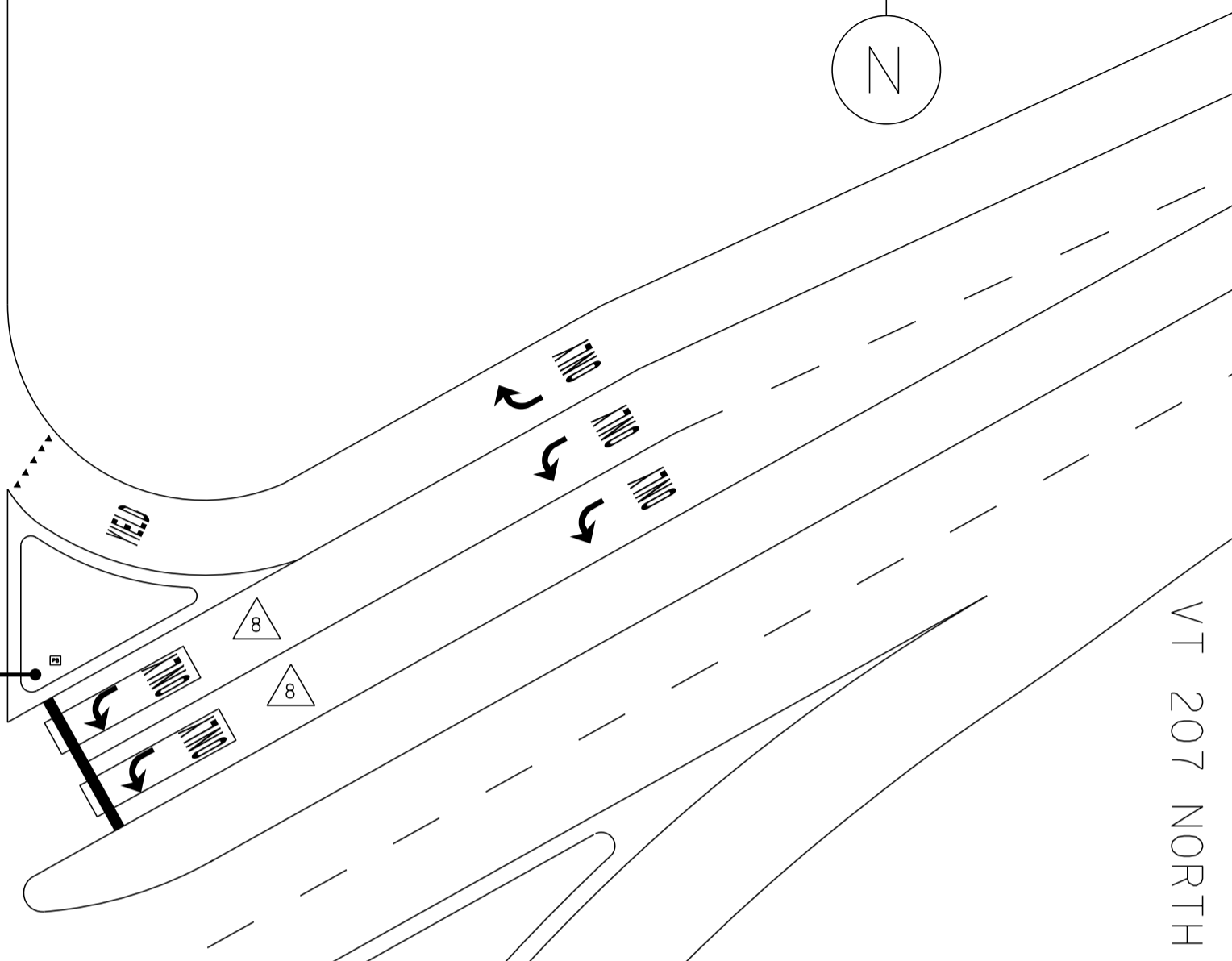
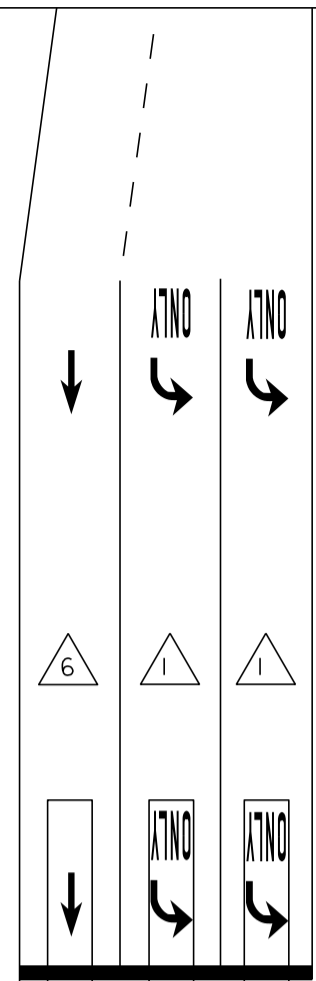
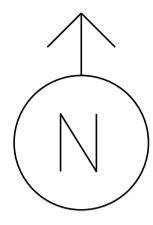
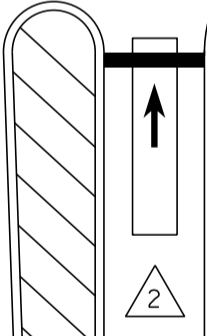
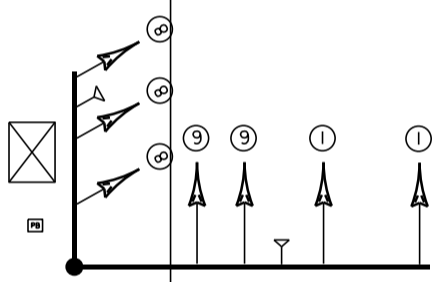
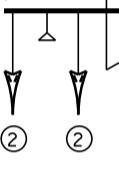


US 7 NORTH


MS # 804



VT 207 NORTH



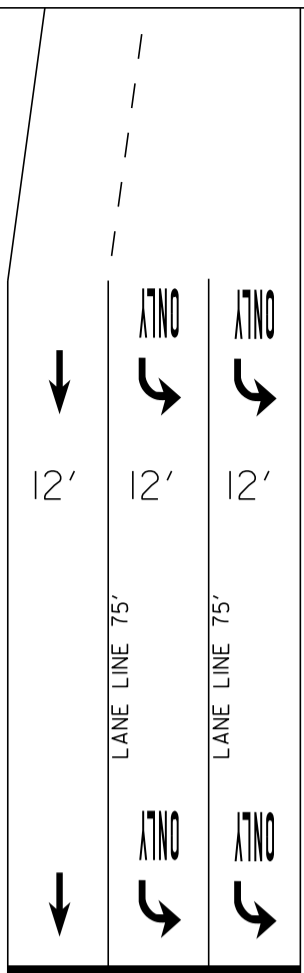
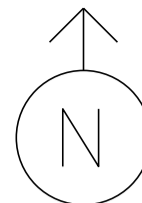
US 7 SOUTH

-  VIDEO CAMERA
-  CONTROL BOX
-  MAST ARM
-  VIDEO DETECTION
-  PULL BOX

NOT TO SCALE

US 7 NORTH

MS # 804



12' 12' 12' 12'

LANE LINE 75'

LANE LINE 75'

STOP BAR 22'

STOP BAR 22'

STOP BAR 22'

12' 12' 12'

YIELD

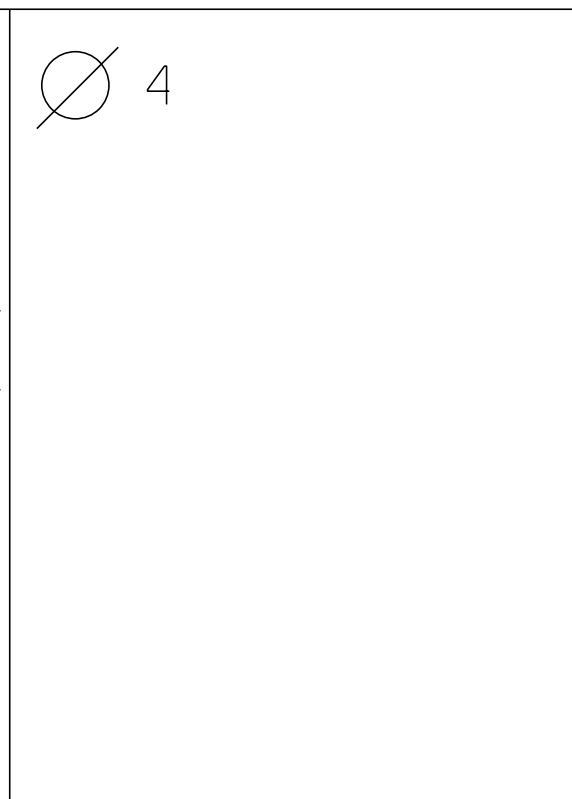
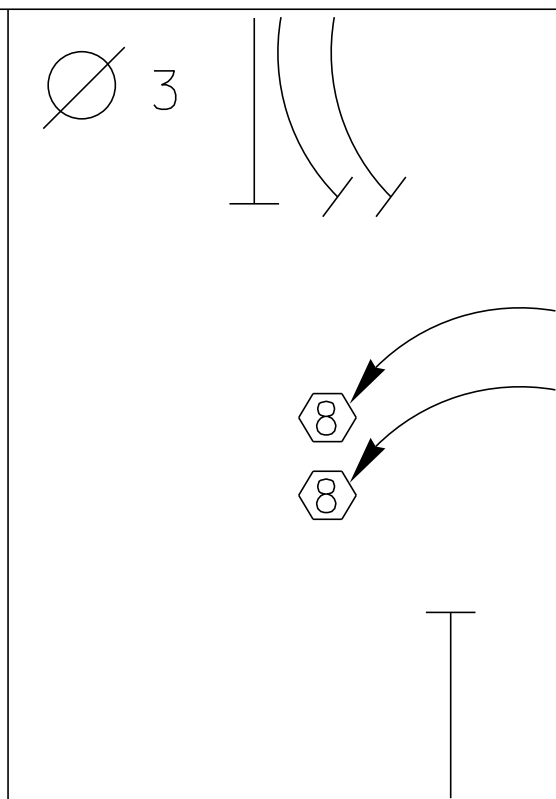
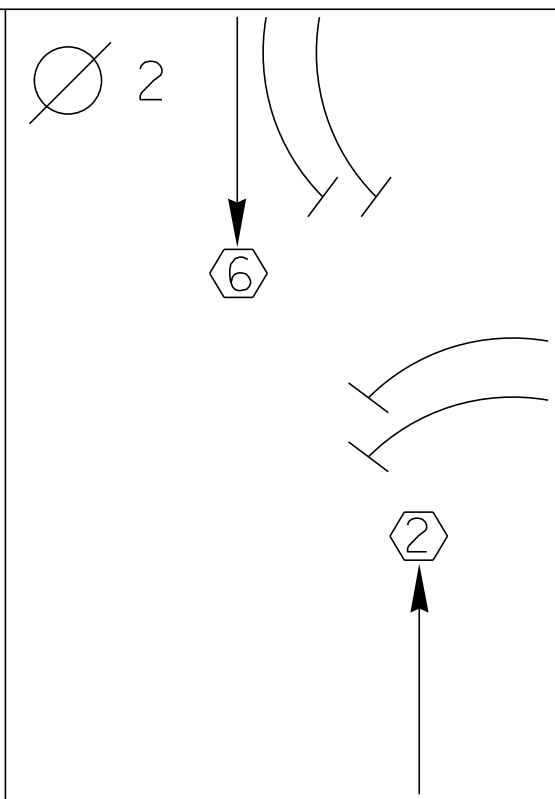
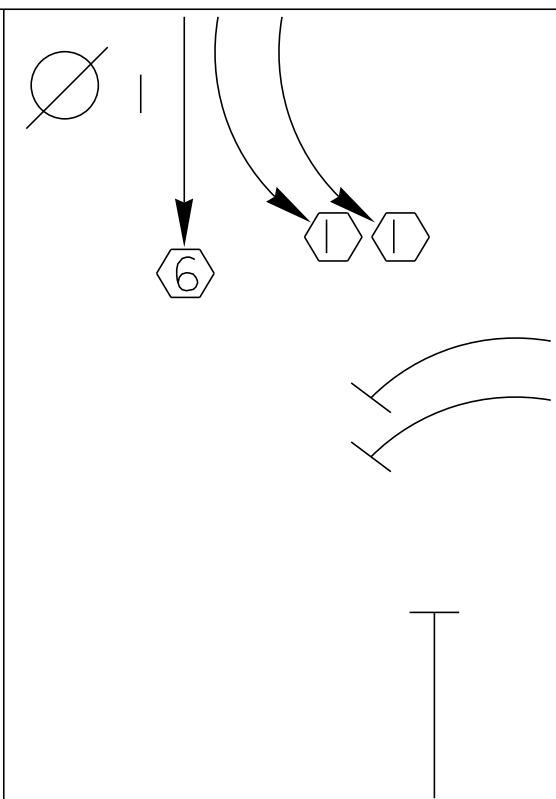
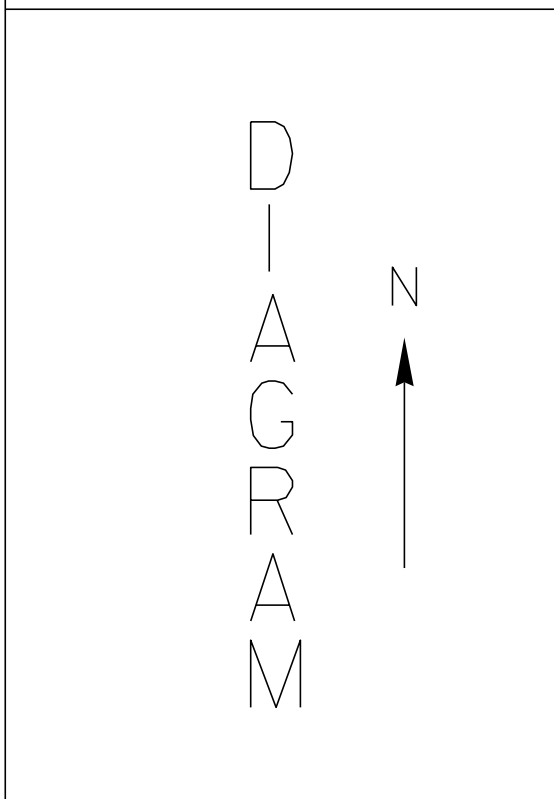
LANE LINE 75'

LANE LINE 75'

VT 207 NORTH

US 7 SOUTH

NOT TO SCALE



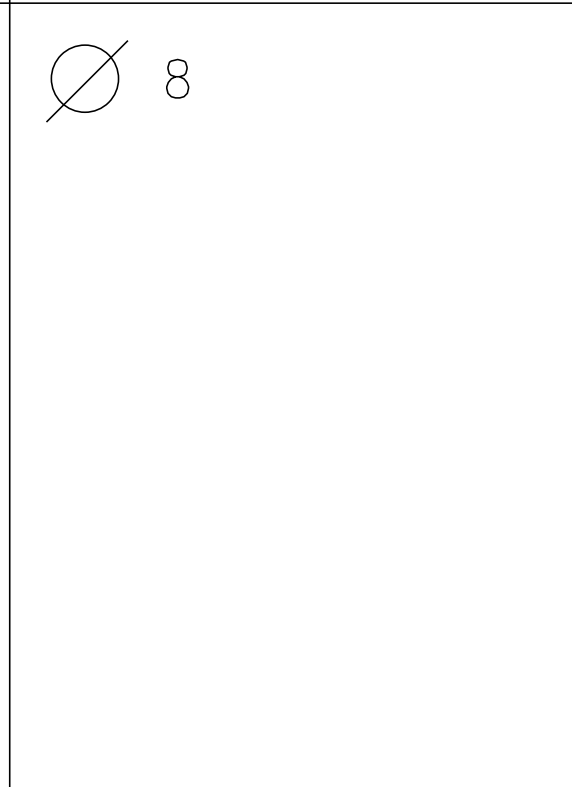
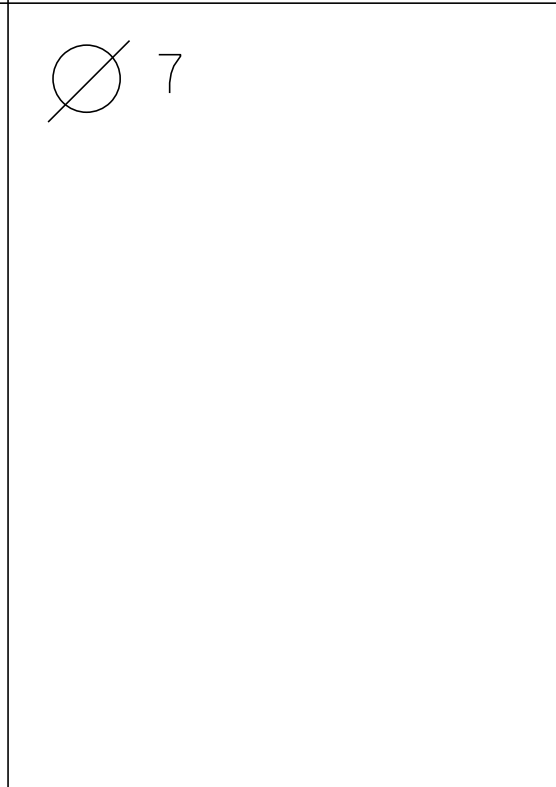
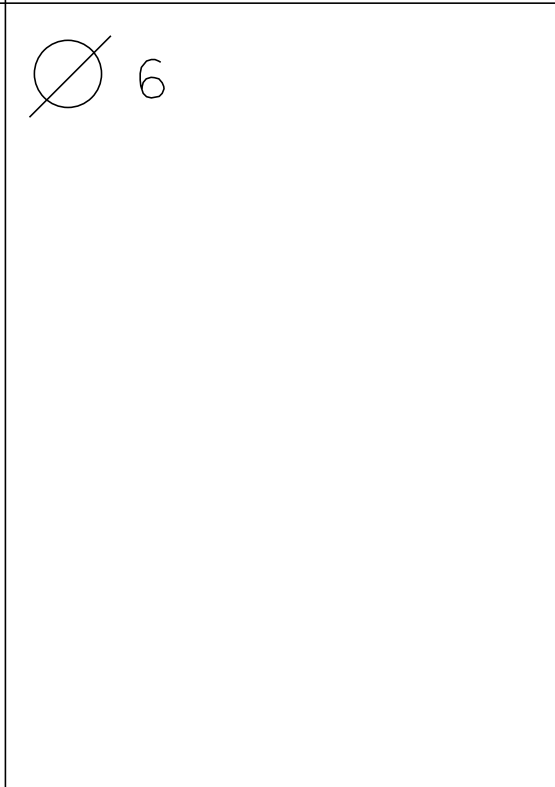
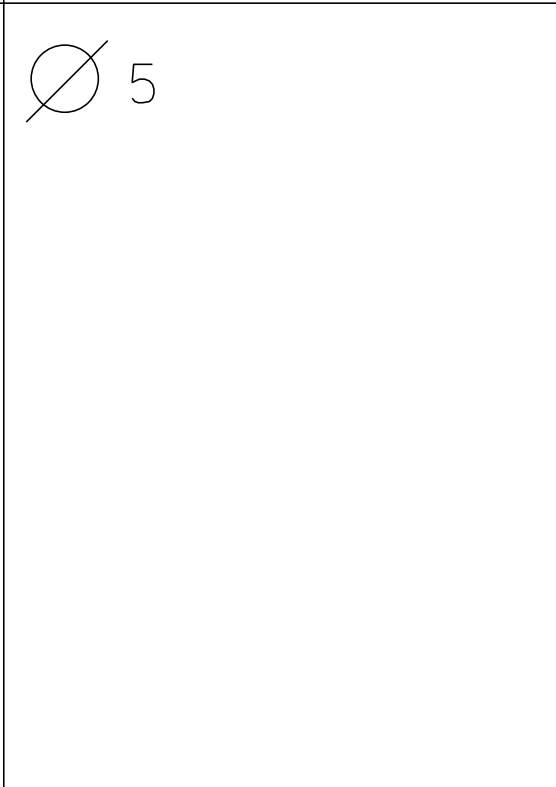
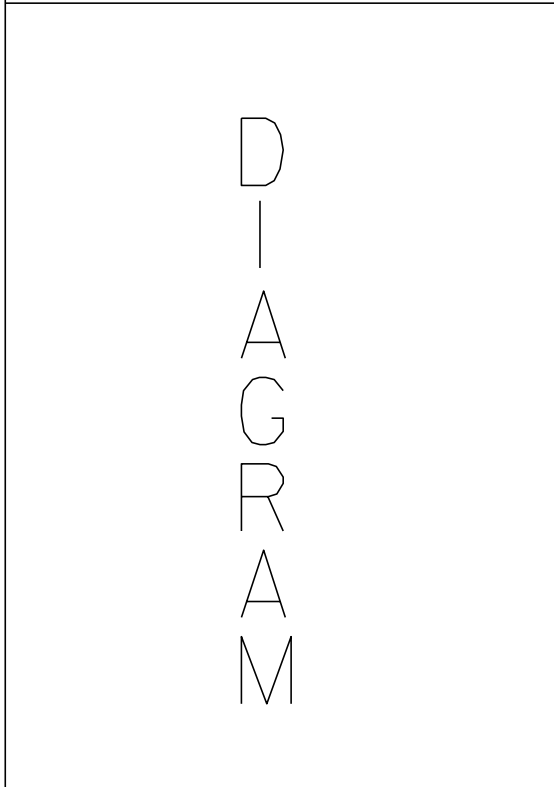
TIMING

G =  
Y =

G =  
Y =

G =  
Y =

G =  
Y =



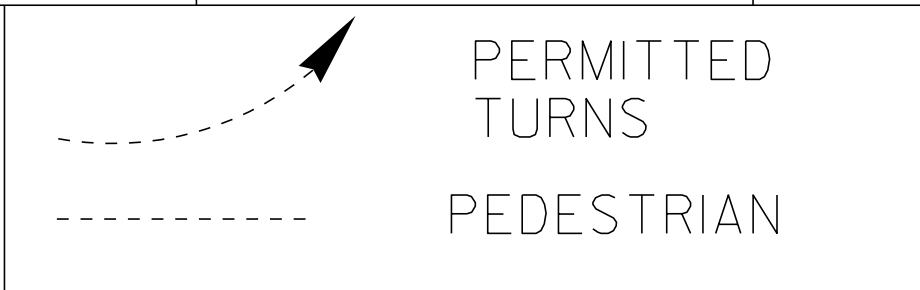
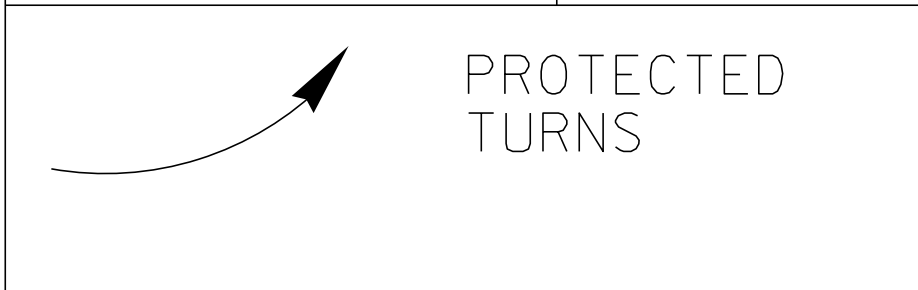
TIMING

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

878-7111 524-5926

Nights & Weekends

Intersection No. MS 804

**WARNING**

DO NOT OPERATE  
CABINET WITHOUT  
CONFLICT MONITOR UNIT

**DANGER**

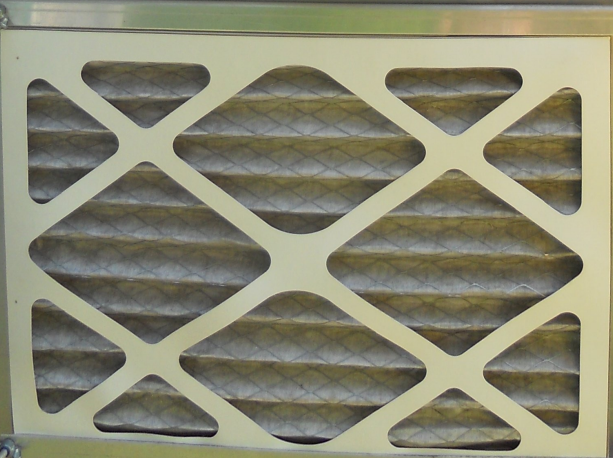
115 VOLTS A.C.

CONFLICT MONITOR  
10/01/978


10/01/978

CONTROL ON  
OFF  
AUTO  
FLASH  
STOP  
TRIP  
ALERT  
ON

U2 U4 U6 U8



TURMIO  
10/8/1998

 CONTROL PRODUCTS, INC.  
MODEL NO.  
SERIAL NO. 11829-43  
2/63-43-

PS 100  
1/4A SB  
ON  
H1  
1/4A SB  
H2  
1/4A SB  
H3  
1/4A SB  
H4  
ECONOLITE

LM 602t  
DET  
1  
FLT  
0 0 0 0 0  
SENS  
15-HI  
10-NORM  
5-LO  
0-OFF  
MODE  
PR LG  
FREQ  
0-HI  
1-M.HI  
2-M.LO  
3-LO  
ECONOLITE

LM 602t  
DET  
1  
FLT  
0 0 0 0 0  
SENS  
15-HI  
10-NORM  
5-LO  
0-OFF  
MODE  
PR LG  
FREQ  
0-HI  
1-M.HI  
2-M.LO  
3-LO  
ECONOLITE

LM 602t  
DET  
1  
FLT  
0 0 0 0 0  
SENS  
15-HI  
10-NORM  
5-LO  
0-OFF  
MODE  
PR LG  
FREQ  
0-HI  
1-M.HI  
2-M.LO  
3-LO  
ECONOLITE

LM 602t  
DET  
1  
FLT  
0 0 0 0 0  
SENS  
15-HI  
10-NORM  
5-LO  
0-OFF  
MODE  
PR LG  
FREQ  
0-HI  
1-M.HI  
2-M.LO  
3-LO  
ECONOLITE

VT-207 U.S.-7 S.B.L.T. VT-207 R.T.  
U.S.-7 S.B. U.S.-7 N.B.

PS 100  
CH 1  
CH 2  
CH 3  
CH 4

LM 6027 1  
M 6027 2  
U 6027 4 RT

VT-207 U.S.-7 S.B.L.T. VT-207 R.T.

**ECONOLITE**  
CONTROL PRODUCTS, INC.

MONITOR DISPLAY

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 3  
4 5 6  
7 8 9  
ENTER 0 CLEAR

RESET AFTER MODIFYING SWITCHES

FAULT MONITOR FAIL  
RESET  
POWER  
MODE  
DUAL SEL. INC. PREV FAIL

MIN FLASH 2.42 TAB

OPTIONS  
DUAL SEL. 1 2 3 4 5 6  
WD ENABLE WALK DISABLE  
WALK LATCH WALK DISABLE

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

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

1/4 AMP SLOW BLOW

**ECONOLITE**  
CONTROL PRODUCTS, INC.  
SM12LC-PR

ASC 2100

PORT 3 PORT 1 PORT 2

TERMINAL

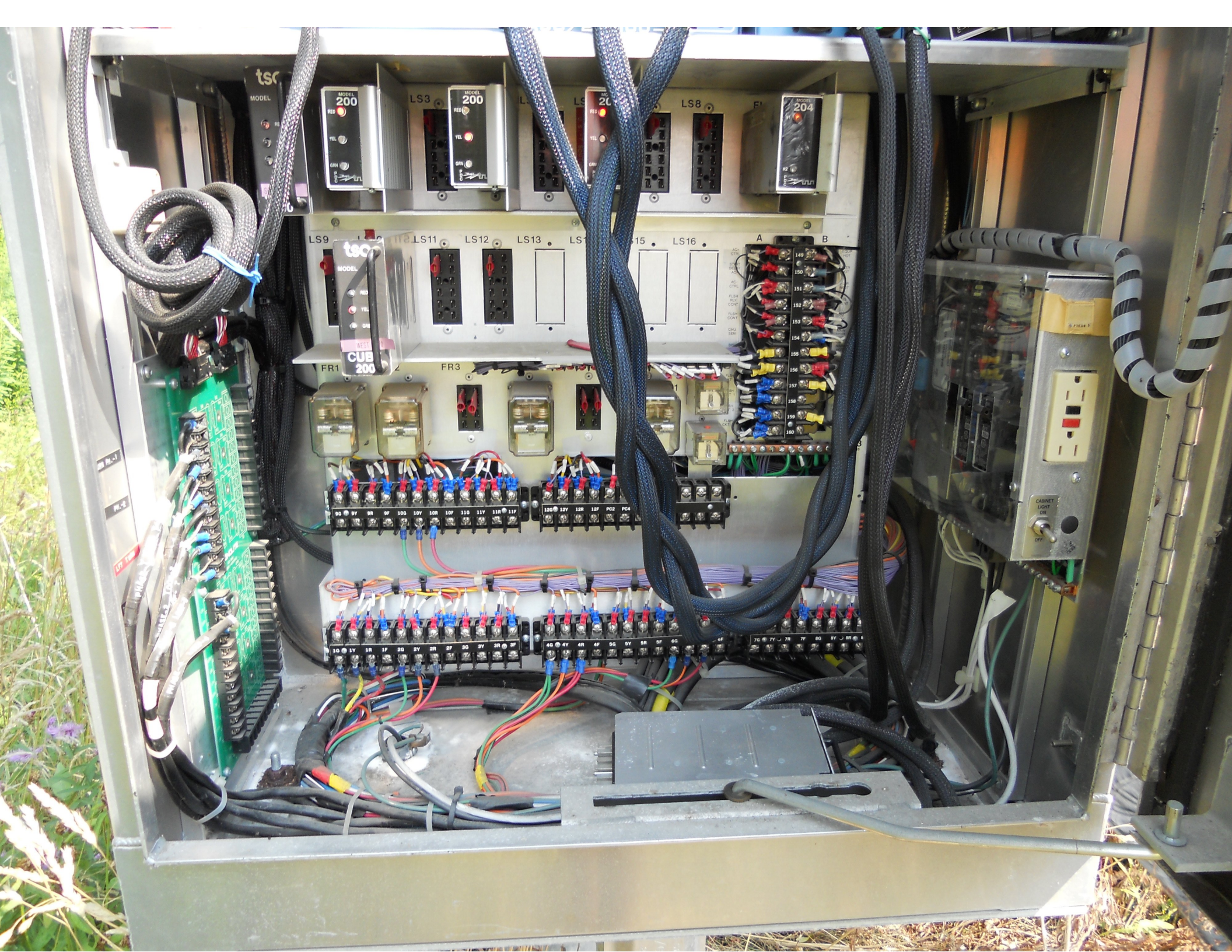
TERMINAL

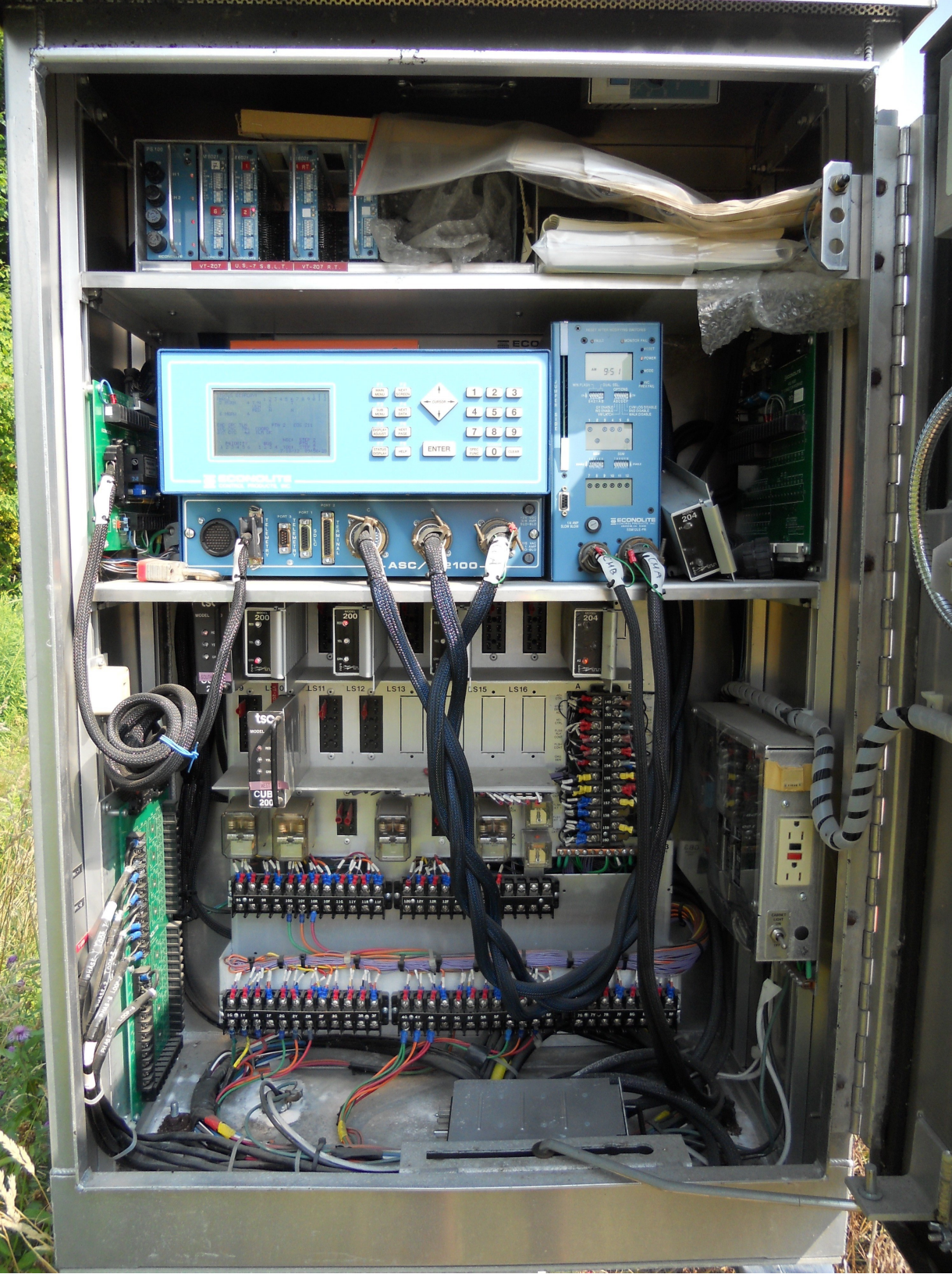
TERMINAL

24 VDC 3/4 AMP BLO-BLO  
115 VAC 1 AMP BLO-BLO

MODEL 204

1/4 AMP SLOW BLOW







NORTH

NORTH

TO

7

VERMONT  
207

INTERSTATE  
89



BURLINGTON  
INDUSTRIAL CTR









SWANTON  
HIGHGATE RD RD

STOP



← ST ALBANS 2

SWANTON 7 →

SOUTH

NORTH





Black River  
PRODUCE  
100% GROWN IN THE U.S.A.



SWANTON RD

HIGHGATE RD

STOP  
HERE ON  
RED











SPEED  
LIMIT  
35



79.50" DIA  
23 FT 55 KSI  
764 7.00" DIA  
22 FT



TO

SOUTH





ONLY











Height Gage Dia.  
32.0' 3 ga. 13.0"  
Bolt Dia. Yield  
13/4" 4700

















Coordination Patterns

-----  
 Pattern 1  
 Cycle Length . . . 64 COS . . . . . 111  
 Offset . . . . . 17  
 Vehicle Permissive . . [1] 0 [2] 0  
 Vehicle Perm 2 Displacement 0 Phase Reservice. . NO  
 Splits: Phase 1- 17 2- 19 3- 0 4- 28  
           Phase 5- 0 6- 36 7- 0 8- 0  
           Phase 9- 0 10- 0 11- 0 12- 0 Split Sum: 0  
 Split Extension/Ring [1] 2 [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 . . . . .  
 Ped Recall . . . . .  
 Veh Omit . . . . .  
 Alt Sequence . . A: . B: . C: . D: . E: . F: .  
 -----

Pattern 2  
 Cycle Length . . . 72 COS . . . . . 211  
 Offset . . . . . 6  
 Vehicle Permissive . . [1] 0 [2] 0  
 Vehicle Perm 2 Displacement 0 Phase Reservice. . NO  
 Splits: Phase 1- 15 2- 28 3- 0 4- 29  
           Phase 5- 0 6- 43 7- 0 8- 0  
           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 . . . . .  
 Ped Recall . . . . .  
 Veh Omit . . . . .  
 Alt Sequence . . A: . B: . C: . D: . E: . F: .  
 -----

Pattern 3  
 Cycle Length . . . 66 COS . . . . . 311  
 Offset . . . . . 17  
 Vehicle Permissive . . [1] 0 [2] 0  
 Vehicle Perm 2 Displacement 0 Phase Reservice. . NO  
 Splits: Phase 1- 14 2- 25 3- 0 4- 27  
           Phase 5- 0 6- 39 7- 0 8- 0  
           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 . . . . .  
 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	0900	2	NO
3	1	1530	3	NO
4	1	1800	2	NO
5	1	2200	0	NO
6	2	0600	2	NO
7	2	2200	0	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    0900

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	.	.	.	.	.	.
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 1            Step Begins    2200

Flash. . . . . X            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 6            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

Phase Number

	1	2	3	4	5	6	7	8	9	10	11	12
Max 2 Enable . . . . .	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 7            Program 2            Step Begins    2200

Flash. . . . .	X	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 . . . . .	.	.	.	.	.	.

-----