MS # 101A

VT 67A NORTH

VT 279 EB RAMP

PHYLIS LANE

VT 67A SOUTH

NOT TO SCALE

VIDEO CAMERA

CONTROL BOX

VIDEO DETECTION

JUNCTION BOX

PULL BOX

LUMINAIRE

STANCHION

Ⓑ =

Ⓓ =

MS # 101A

N

VT 67A NORTH

ONLY

12′ 12′ 12′ 12′ 12′ 12′

VT 279 EB RAMP

LANE LINE 160′

ONLY

16′

STOP BAR 36′

STOP BAR 36′

ONLY 11′

LANE LINE 65′

10′

18′ 16′

16′

LANE LINE 205′

STOP BAR 51′

12′

14′ ONLY

STOP BAR 66′

PHYLIS LANE

LANE LINE 150′

LANE LINE 150′

ONLY ONLY

12′ 12′ 12′ 12′ 12′ 12′

VT 67A SOUTH

NOT TO SCALE

INTERSECTION: VT 67A & BENNINGTON ACRES S.C. MS # 101

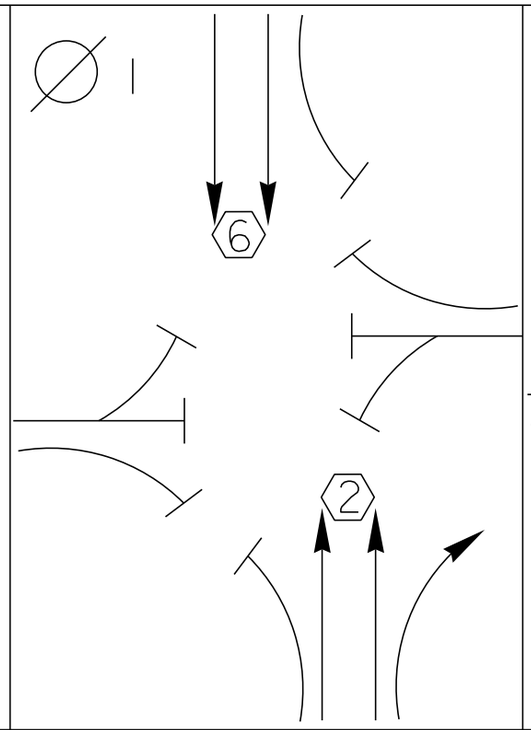
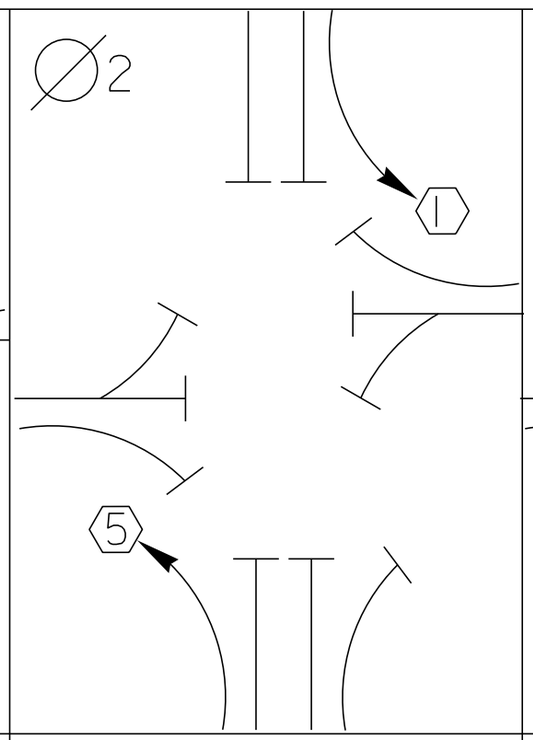
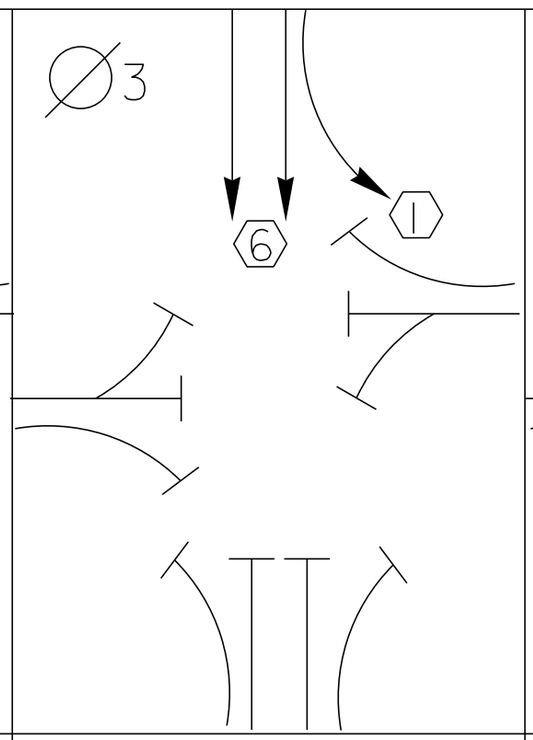
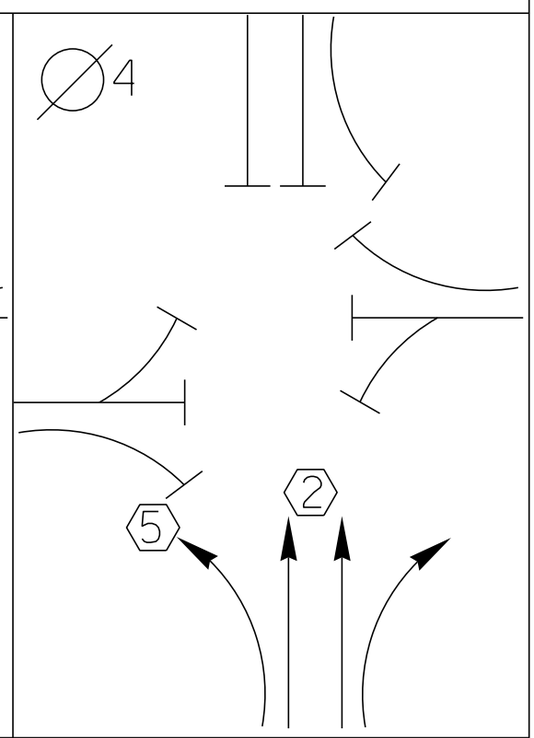
DIAGRAM N	Ø1 	Ø2 	Ø3 	Ø4 
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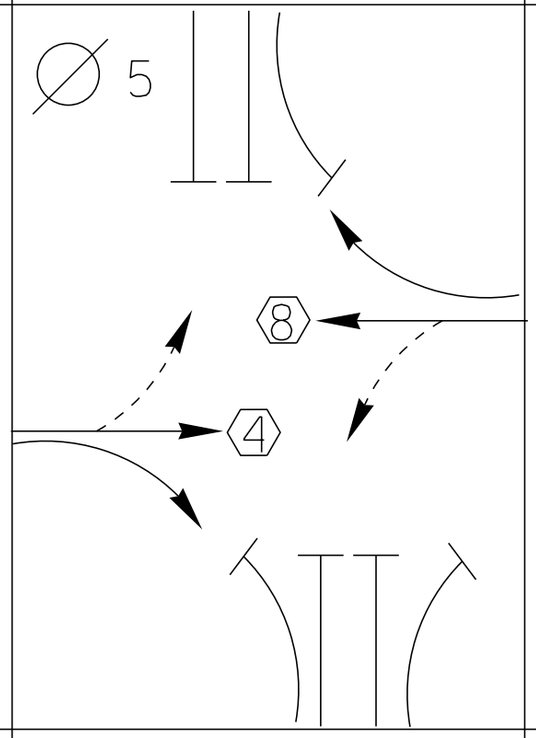
DIAGRAM	Ø5 	Ø6	Ø7	Ø8
TIMING	G= Y=	G= Y=	G= Y=	G= Y=

PROTECTED TURNS

PERMITTED TURNS

PEDESTRIAN

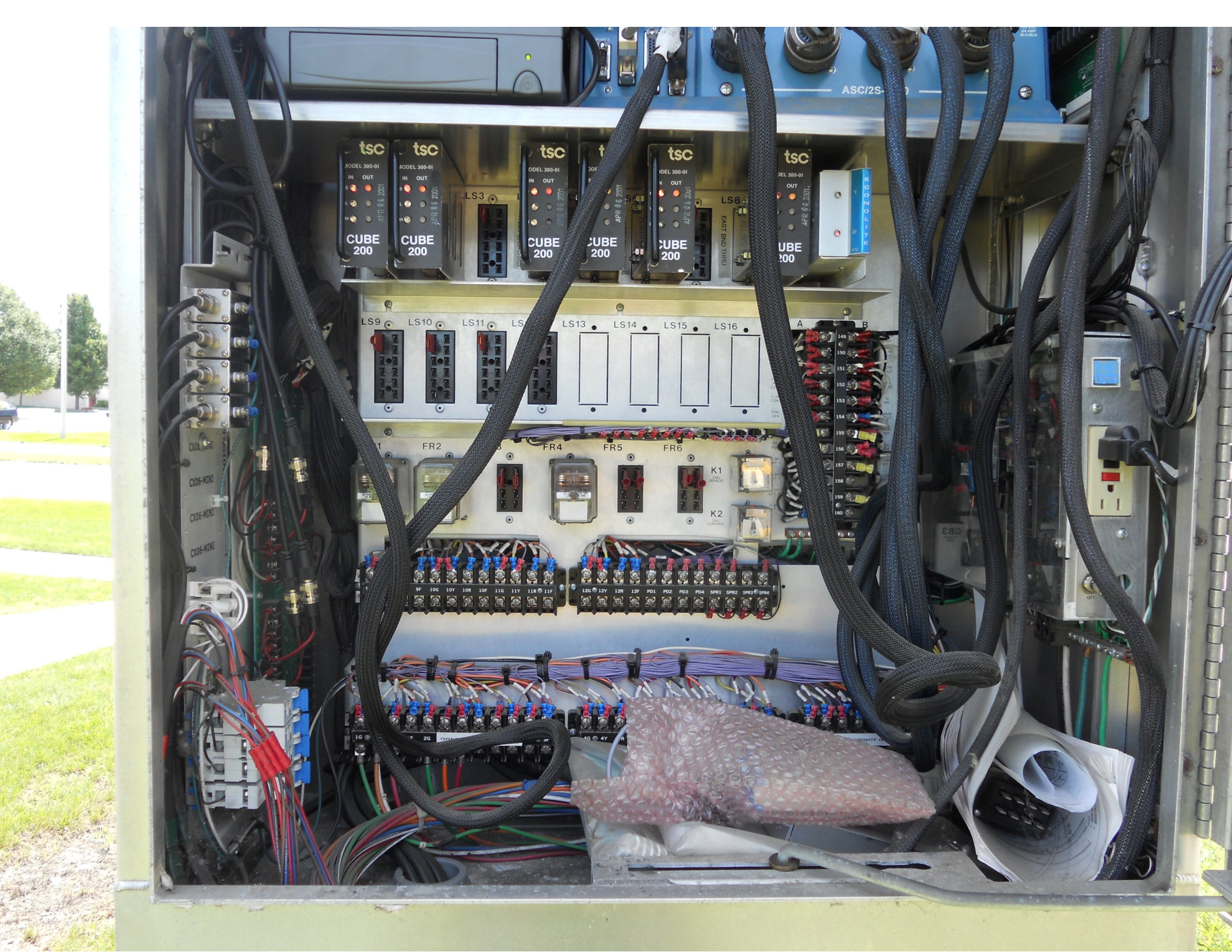
CYCLE LENGTH, C= _____ S

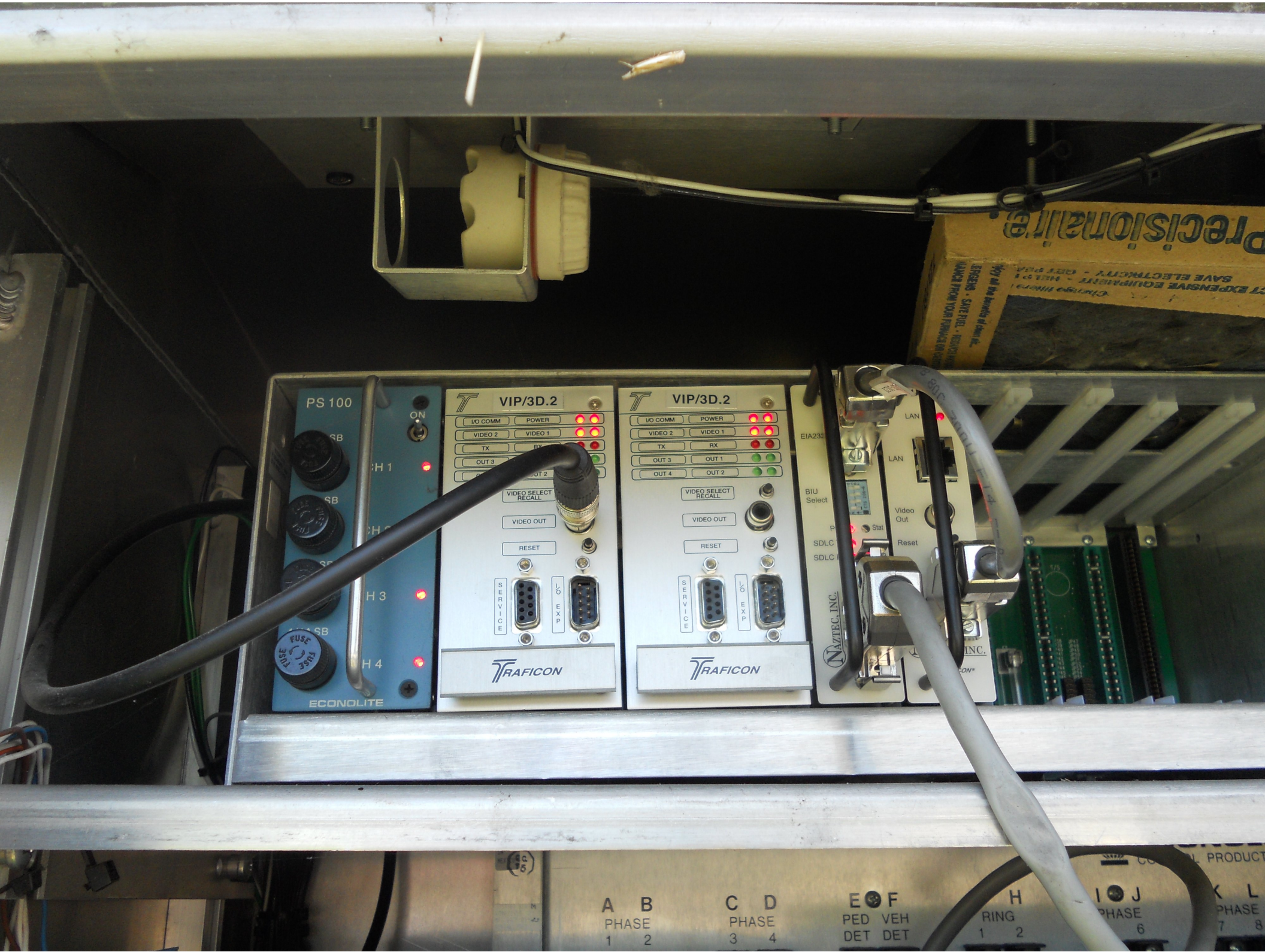
PROPERTY OF
VT. AGENCY OF TRANS.
MAINTENANCE DIV.
IN EMERGENCY CALL
DIST. TRANS. OFFICE
NIGHT & WEEKENDS
INTERSECTION NO.

PROPERTY OF
VT. AGENCY OF TRANS.
MAINTENANCE DIV.
IN EMERGENCY CALL:
DIST. TRANS. OFFICE
447 2790
NIGHT & WEEKENDS: 442 1030
INTERSECTION NO.

CONTROLLER
SIGNALS
OFF
FLASH
MAIN ON
OFF
OFF
ON
WARNING
DO NOT OPERATE
CABINET WITHOUT
CONFLICT MONITOR UNIT
ANGER
VOLTS A.C.
TURNED ON
15 OCT '02
7/12/12
Change Timing
Phase 1+5 was 14sec change 5
Phase 4+8 was 24 change 12
Detector Problems
Russ Velander
LOOPS
1 = 1 ORANGE
2A,2B = 1 WHITE
4A = 2 GREEN
4B = 1 GREEN
4R = 3 GREEN
5 = 2 GREEN
6A,6B = BLACK
8A = 2 BLUE
8B = 2 BROWN
8R = 3 ORANGE
REMOVE THIS TAG

PS 100
VIP/3D.2
VIP/3D.2
TRAFICON
TRAFICON
ECONOLITE
CONTROL PRODUCTS, INC.
ENTER
CURSOR
CUBE 200
CUBE 200
CUBE 200
CUBE 200
MODEL 300-01


tsc
CUBE 200
LS3
LS8
LS9
LS10
LS11
LS13
LS14
LS15
LS16
FR2
FR4
FR5
FR6
K1
K2
CX06-MINI


PS 100
ON
ECONOLITE
VIP/3D.2
I/O COMM
POWER
VIDEO 2
VIDEO 1
TX
RX
OUT 3
OUT 1
OUT 4
OUT 2
VIDEO SELECT RECALL
VIDEO OUT
RESET
SERVICE
I/O EXP
TRAFICON
VIP/3D.2
TRAFICON
EIA232
LAN
LAN
BIU Select
Video Out
Reset
SDLC
SDLC
Stat
NAZTEC, INC.
A B
PHASE
1 2
C D
PHASE
3 4
E F
PED VEH
DET DET
H
RING
1 2
I J
PHASE
6

ECONOLITE
CONTROL PRODUCTS, INC.
ENTER
tsc
CUBE
200
LS9
LS10
LS11
LS12
LS13
LS14
LS15
FR1
FR2
K1
K2

TO
HISTORIC
VERMONT
7A
TO
7
SOUTH
VERMONT
67A
EAST
VERMONT
279

ONLY
ONLY

CINEMA 7
ONLY

EAST
VERMONT
279
ONE WAY

N. BENNINGTON 3
BENNINGTON COLLEGE 1
BENNINGTON 1
FOOD
PHONE
GAS 2
LODGING
HOSPITAL 3

ONLY

TO
HISTORIC
VERMONT
7A
NORTH
SOUTH
VERMONT
67A
VERMONT
67A

3E-23.5X38'
55KSI
2001
UNION METAL CORPORATION

CINEMA 7
DARK KNIGHT RISES
WIMPY KID
THE WAYCH
ONLY
ONLY
TO 7
EAST 279
WEST 279
NORTH 671
ONLY

ONLY
ONLY
TO
7
EAST
WEST
NORTH
VERMONT
279
VERMONT
279
VERMONT
67A
CINEMA 7
DARK KNIGHT
RISES
WIMPY KID 3
THE WATCH
MOONRISE
KINGDOM
ICE AGE DRIFT
TED
STEP UP 4
TOTAL RECALL

WEST
VERMONT
279

PHYLIS LN
CINEMA 7
DARK KNIGHT RISES
WIMPY KID 3
THE WATCH
MOONRISE KINGDOM
ICE AGE DRIFT
TED
STEP UP 4
TOTAL RECALL

ONLY
ONLY

EAST
279
SUBARU

279
67A

55KSI
2001
UNION METAL CORPORATION

CINEMA 7
DARK KNIGHT RISES
WIMPY KID 3
THE MUPPETS
MOONRISE KINGDOM
ICE AGE: DRIFT
TED
STEP UP 4
DITT: RECALL
MADE IN USA

HAZARD OF ELECTRICAL SHOCK
OR BURN IF COVER REMOVED
SERVICE BY UTILITY
AUTHORIZED PERSONNEL ONLY
DO NOT PAINT OVER OR REMOVE THIS LABEL
NO FUSES IN BOX
DO NOT BREAK SEAL
HAZARD OF ELECTRICAL SHOCK
OR BURN IF COVER REMOVED
SERVICE BY UTILITY
AUTHORIZED PERSONNEL ONLY

By-Phase Timing Data

	Phase											
Direction	1	2	3	4	5	6	7	8	9	10	11	12
Minimum Green	14	8	0	24	14	8	0	24	0	0	0	0
Bike Min Green	0	0	0	0	0	0	0	0	0	0	0	0
Cond Serv Min Grn	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clearance	0	7	0	7	0	7	0	7	0	7	0	7
Veh Extension	2.0	5.0	0.0	2.0	2.0	5.0	0.0	2.0	0.0	0.0	0.0	0.0
Alt Veh Exten	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Extension	0	0	0	0	0	0	0	0	0	0	0	0
Max 1	5	34	0	12	5	34	0	12	0	0	0	0
Max 2	0	0	0	0	0	0	0	0	0	0	0	0
Max 3	0	0	0	0	0	0	0	0	0	0	0	0
Det. Fail Max	0	0	0	0	0	0	0	0	0	0	0	0
Yellow Change	4.0	4.0	3.0	4.0	4.0	4.0	3.0	4.0	3.0	3.0	3.0	3.0
Red Clearance	2.0	2.0	0.0	2.0	2.0	2.0	0.0	2.0	1.0	1.0	1.0	1.0
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Act. B4 Init	0	0	0	0	0	0	0	0	0	0	0	0
Sec/Actuation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Initial	0	0	0	0	0	0	0	0	0	0	0	30
Time B4 Reduction	0	0	0	0	0	0	0	0	0	0	0	0
Cars Waiting	0	0	0	0	0	0	0	0	0	0	0	0
Time To Reduce	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Gap	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Recall Data, Dimming

	Phase											
	1	2	3	4	5	6	7	8	9	10	11	12
Locking Detector. . . .	X	X	.	.	X	X	.	.	.	.	.	.
Vehicle Recall.	.	X	.	.	.	X	.	.	.	.	.	.
Pedestrian Recall . . .	.	.	.	.	.	.	.	.	.	.	.	.
Recall To Max	.	.	.	.	.	.	.	.	.	.	.	.
Soft Recall	.	.	.	.	.	.	.	.	.	.	.	.
Don't Rest Here	.	.	.	.	.	.	.	.	.	.	.	.
Ped Dark if No Call . .	.	.	.	.	.	.	.	.	.	.	.	.

Dimming:

	Load Switch															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Green/Walk. . . .	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Yellow/Ped Clear.	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Red/Don't Walk. .	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

Coordination Patterns

Pattern 1
Cycle Length . . 90 COS 111
Offset 48
Vehicle Permissive . . [1] 0 [2] 0
Vehicle Perm 2 Displacement 0 Phase Reservice. . NO
Splits: Phase 1- 20 2- 40 3- 0 4- 30
Phase 5- 20 6- 40 7- 0 8- 30
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 2
Cycle Length . . 90 COS 211
Offset 4
Vehicle Permissive . . [1] 0 [2] 0
Vehicle Perm 2 Displacement 0 Phase Reservice. . NO
Splits: Phase 1- 20 2- 40 3- 0 4- 30
Phase 5- 20 6- 40 7- 0 8- 30
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: .

TOD Weekly/Yearly

Weekly Program Numbers

	1	2	3	4	5	6	7	8	9	10	
Sunday . . .	1	1	1	1	1	1	1	1	1	1	Program No.
Monday . . .	1	1	1	1	1	1	1	1	1	1	Program No.
Tuesday. . .	1	1	1	1	1	1	1	1	1	1	Program No.
Wednesday. .	1	1	1	1	1	1	1	1	1	1	Program No.
Thursday . .	1	1	1	1	1	1	1	1	1	1	Program No.
Friday . . .	1	1	1	1	1	1	1	1	1	1	Program No.
Saturday . .	1	1	1	1	1	1	1	1	1	1	Program No.

Week of Year

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Prog	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Prog	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
Prog	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

NIC Program Steps

Step	Program	Step Begins	Pattern	Override
1	1	0600	0	YES
2	1	0700	1	NO
3	1	0900	0	YES
4	1	1500	2	NO
5	1	1800	0	YES
6	1	2200	0	YES

TOD Program Steps

Step 1 Program 1 Step Begins 0000

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 2 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	.	.	.	.	.	.

TOD Program Steps

Step 3 Program 1 Step Begins 0700

Flash. . . . . .
Red Rest . . . . . .
Spare 5. . . . . .
Spare 3. . . . . .
Type 0 Dly Enable. . .
Det Diag Plan. . . . 0

Dimming Enable. . . . .
Alt Veh Extension . . .
Det Log Enable. . . . .
Spare 4 . . . . . .
Spare 2 . . . . . .

	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 4 Program 1 Step Begins 0900

Flash. . . . . .
Red Rest . . . . . .
Spare 5. . . . . .
Spare 3. . . . . .
Type 0 Dly Enable. . .
Det Diag Plan. . . . 0

Dimming Enable. . . . .
Alt Veh Extension . . .
Det Log Enable. . . . .
Spare 4 . . . . . .
Spare 2 . . . . . .

	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 5 Program 1 Step Begins 1500

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 6 Program 1 Step Begins 1800

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 7 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	.	.	.	.	.	.