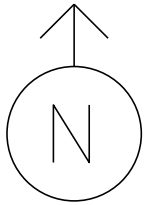


MS # 105



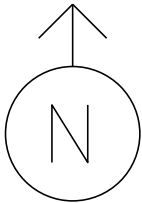
VT 7A NORTH

- ⊙ PEDESTAL POST
- Ⓟ→ PEDESTRIAN SIGNAL
- ∇ VIDEO CAMERA
- ⊠ CONTROL BOX
- MAST ARM
- ▭ VIDEO DETECTION
- JB JUNCTION BOX
- PB PULL BOX
- STANCHION
- Ⓢ =
- Ⓣ =

BENMONT AVE.

VT 7A SOUTH

MS # 105



VT 7A NORTH

19'

13'

12'

STOP

STOP BAR 19'

LANE LINE 120'

ONLY



14'

13'

CROSSWALK 60'
STOP BAR 25'

21'

11'

LANE LINE 75'

12'

ONLY



STOP BAR 22'

STOP BAR 14'

STOP BAR 25'

14'

13'

BENMONT AVE.

STOP BAR 24'

LANE LINE 110'



ONLY

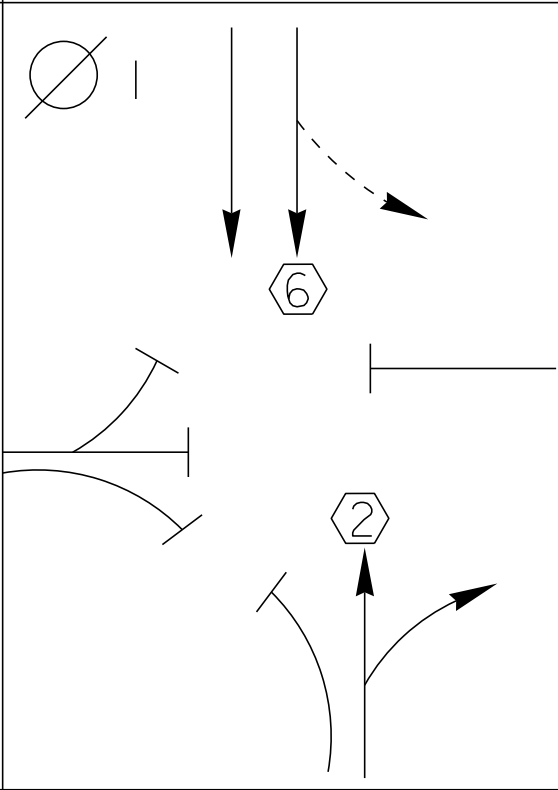
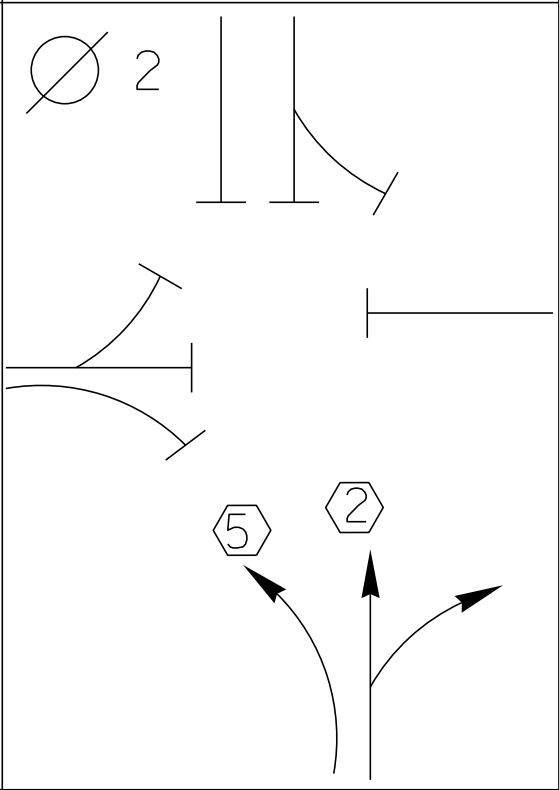
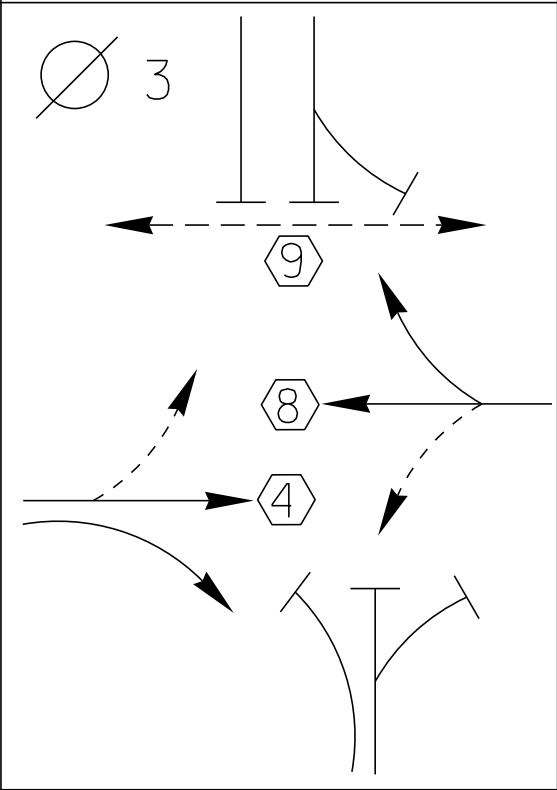
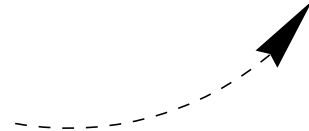
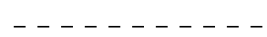
15'

15'

11'

13'

VT 7A SOUTH

D I A G R A M N ↑	Ø 1 	Ø 2 	Ø 3 	Ø 4
TIMING	G = Y =	G = Y =	G = Y =	G = Y =
D I A G R A M	Ø 5	Ø 6	Ø 7	Ø 8
TIMING	G = Y =	G = Y =	G = Y =	G = Y =
 PROTECTED TURNS	 PERMITTED TURNS  PEDESTRIAN	CYCLE LENGTH, C= _____ S		

HAZARD OF ELECTRICAL
SHOCK OR BURN
SERVICE BY UTILITY
AUTHORIZED PERSONNEL
DO NOT PAINT OVER OR REMOVE THIS
MILBANK MFG. CO. GENERAL OFFICES KC, MO

Schlumberger
CENTRON™

000' 00' 00' 00' 00'
TEST
A B C D TOTAL kWh EOI

TEST



CL 200 240V 3W TYPE C1SD 30 TA 1.0Kh

C.V.# 2118636

CA 0.5
FM 2S
60 Hz



1NF002118636

30 770 636

Schlumberger
WATTHOUR METER
USA
8/03



26 3:08PM



26 3:09PM



26 3:10PM





26 3:11PM



26 3:11PM

PUSH
BUTTON
FOR
WALK
SIGNAL



26 3:11 PM



26 3:12PM



26 3:13PM



26 3:13PM

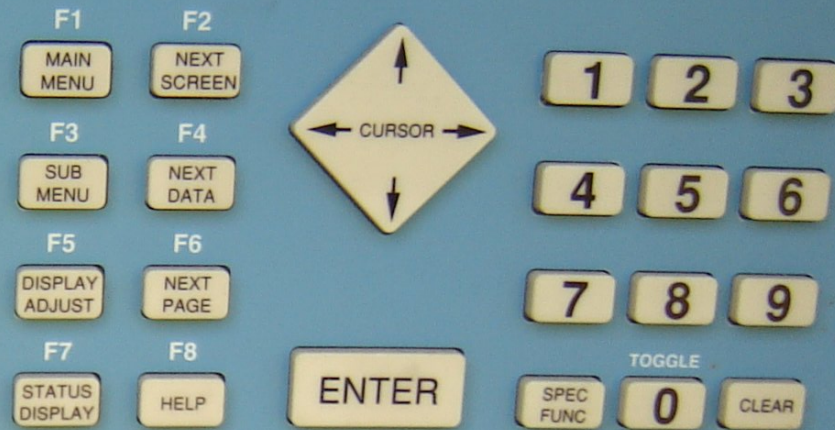
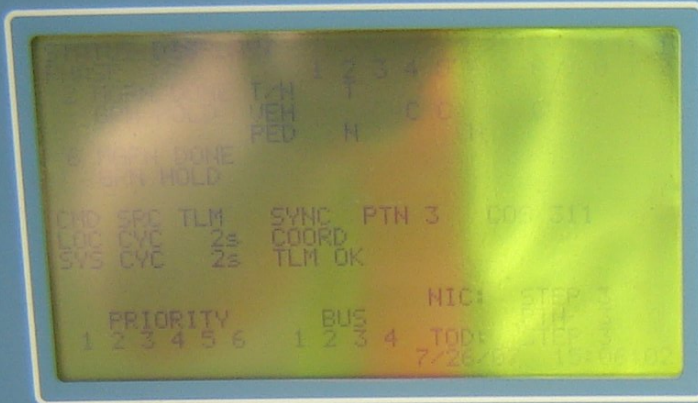


LEFT TURN
YIELD
ON GREEN

KFC
TACO BELL

TRY OUR
DOUBLE DOWN
SANDWICH





 **ECONOLITE**
CONTROL PRODUCTS, INC.



ECONOLITE
CONTROL PRODUCTS, INC.

Robotics



ECONOLITE
CONTROL PRODUCTS, INC.

SDLC

I/O

TERMINAL/MODEM
MODEM

TELEMETRY

ASCO 100

SLO-BLO

1/4 AMP
SLOW BLOW

26 3:07PM

MODIFYING SWITCHES

MONITOR FAIL

RESET

POWER

MODE

INC
PREV FAIL

PM 3:12

MIN.FLASH

DUAL SEL.

OPTIONS

ON

ON

8421AB

ABCDEF

GY ENABLE

WD ENABLE

VM LATCH

CVM LOG DISABLE

BND DISABLE

WALK DISABLE

1 2 3 4 5 6

Ⓡ Ⓡ Ⓡ Ⓡ
Ⓢ Ⓢ

SSM

SSM

1 2 3 4 5 6

7 8 9 10 11 12

ENABLE

ENABLE

7 8 9 10 11 12

Ⓡ Ⓡ Ⓡ Ⓡ Ⓡ Ⓡ

1/4 AMP
SLOW BLOW

ECONOLITE
CONTROL PRODUCTS, INC.
ANAHEIM, CA. 92805
SSM12LE-PR

JUMPER
SIDE

24 VDC
3/4 AMP
SLO-BLO

115 VAC
1 AMP
SLO-BLO

26
3:07PM

A

PM 1

PM 1

PM 2

PM 2

PM 2

PM 2

PM 2

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PM 2

PM 2

ITE

PRINTED
CIRCUIT BOARD
P/N: 4061508

JP11 JP12 JP13

U21

U22

U23

U24

U25

U26

U27

U28

U29

U30

U31

U32

U33

U34

U35

U36

U37

U38

U39

U40

U41

U42

U43

U44

U45

ODD

EVEN

9623N
MS62256L-70PC

9518
MS62256L-70PC

32789P27V146
HELP (c) 1992
ECONOLITE

32789P34V146
HELP (c) 1992
ECONOLITE

32794P28V149
BTMP (c) 1992
ECONOLITE

32794P35V149
BTMP (c) 1992
ECONOLITE

32794P29V149
BTMP (c) 1992
ECONOLITE

32794P36V149
BTMP (c) 1992
ECONOLITE

9618
LTC6911N

9618
LTC6911N

Panasonic
Lithium
BATTERY
BR-2430
3V
MATSUSHITA

32805G1
99519704-24591

32805G1
99519704-24591

26 3:08PM

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

IN EMERGENCY CALL:
DIST. TRANS. OFFICE

447 2790

NIGHTS & WEEKENDS: 442 5421

INTERSECTION NO. MS 105

PS 100

ON

1/4ASB

CH 1

1/4ASB

CH 2

1/4ASB

CH 3

1/4ASB

CH 4

ECONOLITE

T VIP/3D.2

IO COMM	POWER	●	●
VIDEO 2	VIDEO 1	●	●
TX	RX	●	●
OUT 3	OUT 1	●	●
OUT 4	OUT 2	●	●

VIDEO SELECT RECALL

VIDEO OUT

RESET

SERVICE

IO EXP

T TRAFICON

T VIP/3D.2

IO COMM	POWER	●	●
VIDEO 2	VIDEO 1	●	●
TX	RX	●	●
OUT 3	OUT 1	●	●
OUT 4	OUT 2	●	●

VIDEO SELECT RECALL

VIDEO OUT

RESET

SERVICE

IO EXP

T TRAFICON

VLU BIU

VLU COM

LAN

Video Out

Reset

Service

STAT

Tx2

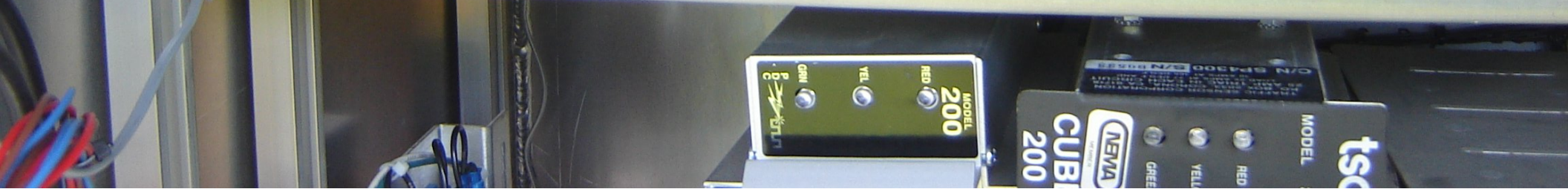
Rx2

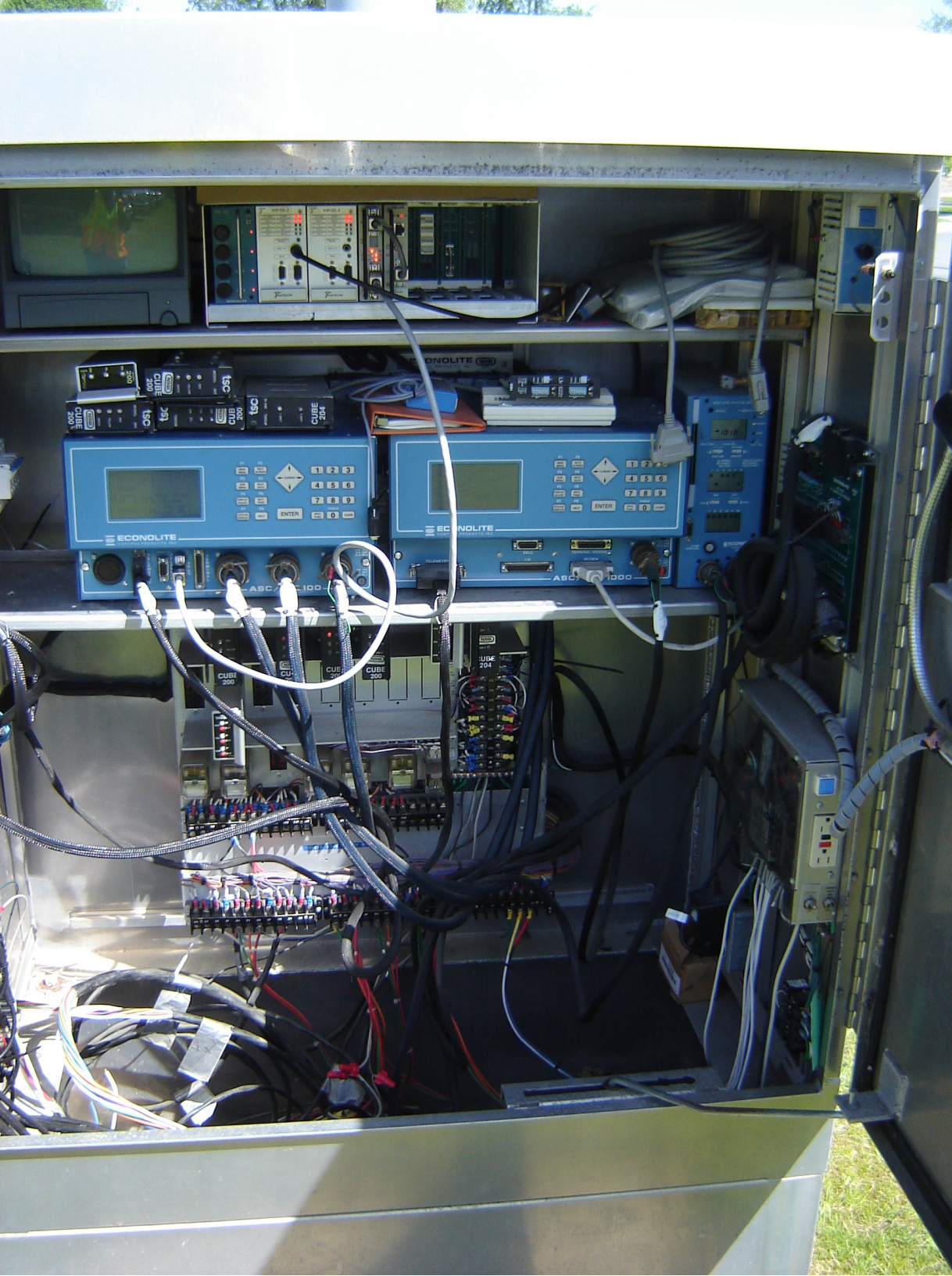
SD

SD

by NAC

TRAFICON











LEFT TURN
YIELD
ON GREEN

NORTH
7
↓

Kocher
Drive
↓

SOUTH
7
↓







Coordination Patterns

Pattern 1

```

Cycle Length . . . 76    COS . . . . . 111
Offset . . . . . 0
Vehicle Permissive . . [1]    0    [2]    0
Vehicle Perm 2 Displacement 0    Phase Reservice. . NO
Splits:   Phase 1-  0 2- 48 3-  0 4- 28
           Phase 5- 17 6- 31 7-  0 8- 28
           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 . . . 90    COS . . . . . 211
Offset . . . . . 0
Vehicle Permissive . . [1]    0    [2]    0
Vehicle Perm 2 Displacement 0    Phase Reservice. . NO
Splits:   Phase 1-  0 2- 55 3-  0 4- 35
           Phase 5- 15 6- 40 7-  0 8- 35
           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 . . . 90    COS . . . . . 311
Offset . . . . . 0
Vehicle Permissive . . [1]    0    [2]    0
Vehicle Perm 2 Displacement 0    Phase Reservice. . NO
Splits:   Phase 1-  0 2- 49 3-  0 4- 39
           Phase 5- 16 6- 35 7-  0 8- 39
           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:  .

```


.....

[illegible][illegible]

NIC Program Steps

Step	Program	Step Begins	Pattern	Override
1	1	0600	1	NO
2	1	0900	2	NO
3	1	1400	3	NO
4	1	1900	1	NO
5	1	2300	0	NO
6	2	0600	1	NO
7	2	0900	2	NO
8	2	1400	3	NO
9	2	2100	1	NO
10	2	2300	0	NO
11	3	0600	1	NO
12	3	1000	2	NO
13	3	1800	1	NO
14	3	2300	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	.	X	.	.	.	X	.	.	.	.	.	.
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 X
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	X	X	.	.	.	.
Max 3 Enable	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall	.	X	.	.	.	X	.	.	.	.	.	.
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 2300

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	.	.	.	.	.	.	.	.	.	.	.	.
Max 3 Enable	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall	.	X	.	.	.	X	.	.	.	.	.	.
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 0900

Flash.	Dimming Enable.
Red Rest	Alt Veh Extension X
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	X	X	.	.	.	.
Max 3 Enable	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall	.	X	.	.	.	X	.	.	.	.	.	.
Ped Recall	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit.	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit	.	.	.	.	.	.	.	.	.	.	.	.
Special Function	.	.	.	.	.	.	.	.	.	.	.	.

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

Step 8 Program 2 Step Begins 1400

Flash.	Dimming Enable.
Red Rest	Alt Veh Extension X
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	X	X	X	X	X	X	X	X	.	.	.	.
Veh Recall	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall	.	X	.	.	.	X	.	.	.	.	.	.
Ped Recall	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit.	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit	.	.	.	.	.	.	.	.	.	.	.	.
Special Function	.	.	.	.	.	.	.	.	.	.	.	.

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

TOD Program Steps

Step 11 Program 3 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	.	X	.	.	.	X	.	.	.	.	.	.
Ped Recall	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit.	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit	.	.	.	.	.	.	.	.	.	.	.	.
Special Function	.	.	.	.	.	.	.	.	.	.	.	.

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

Step 12 Program 3 Step Begins 1000

Flash.	Dimming Enable.
Red Rest	Alt Veh Extension . . . X
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	X	X	.	.	.	.
Max 3 Enable	.	.	.	.	.	.	.	.	.	.	.	.
Veh Recall	.	.	.	.	.	.	.	.	.	.	.	.
Veh Max Recall	.	X	.	.	.	X	.	.	.	.	.	.
Ped Recall	.	.	.	.	.	.	.	.	.	.	.	.
Cond Service Inhibit.	.	.	.	.	.	.	.	.	.	.	.	.
Phase Omit	.	.	.	.	.	.	.	.	.	.	.	.
Special Function	.	.	.	.	.	.	.	.	.	.	.	.

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

