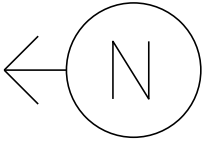


MS # 820



VT 78 EAST

- ⊙ PEDESTAL POST
- ⊙→ PEDESTRIAN SIGNAL
- ♀ PREEMPTION STROBE
- ⊠ CONTROL BOX
- MAST ARM
- LOOP DETECTION
- JB JUNCTION BOX
- ☉ LUMINAIRE
- STANCHION
- (B) =
- (D) =

MISSISSQUOI ST.

ONLY
2

ONLY
5

1 (D) 6 6

8

8

4

ONLY

4

8

ROBIN HOOD DR.

VT 78 WEST

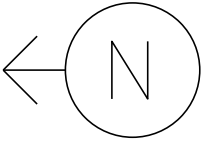
ONLY

1

6

NOT TO SCALE

MS # 820



VT 78 EAST

MISSISSQUOI STREET

12'

11'

10'

12'

ONLY

ONLY

LANE LINE 240'

LANE LINE 240'

STOP BAR 34'

CROSSWALK 80'

STOP BAR 23'

STOP BAR 14'

12'

12'

ROBIN HOOD DR.

CROSSWALK 44'

STOP BAR 22'

LANE LINE 170'

ONLY

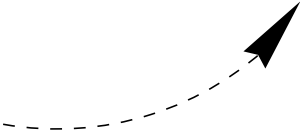
VT 78 WEST

12'

10'

12'

NOT TO SCALE

D I A G R A M				
T I M I N G	G = Y =	G = Y =	G = Y =	G = Y =
D I A G R A M				
T I M I N G	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

802 - 524 - 5926

NIGHTS & WEEKENDS : 250-0163

INTERSECTION NO. MS-820

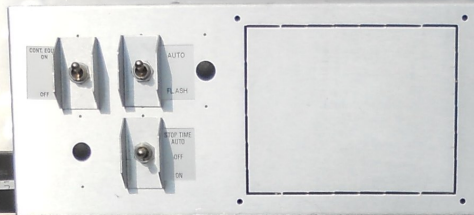
Turn on Date: 10-3-06

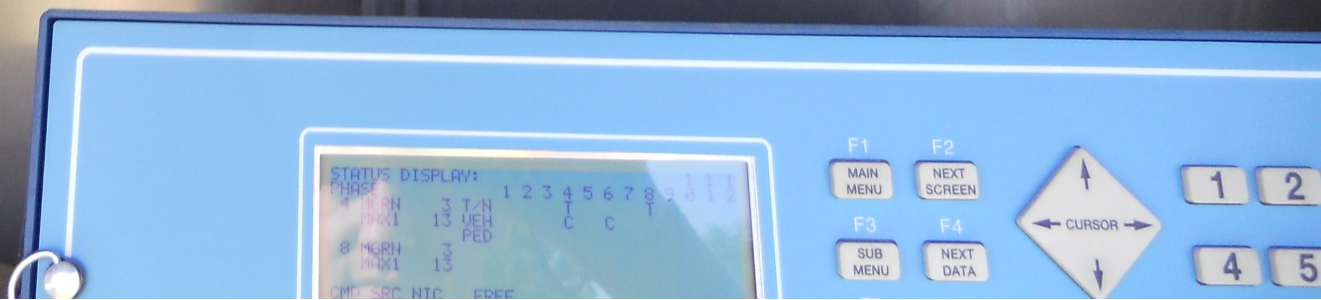
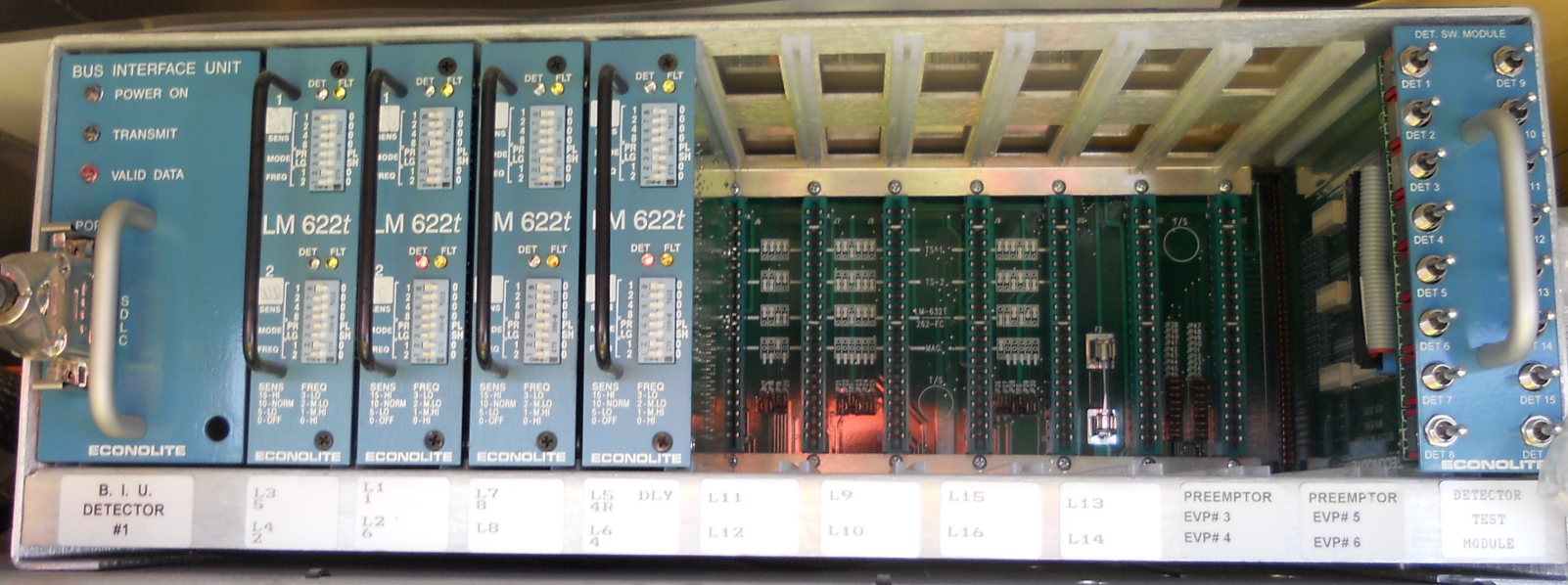
DANGER

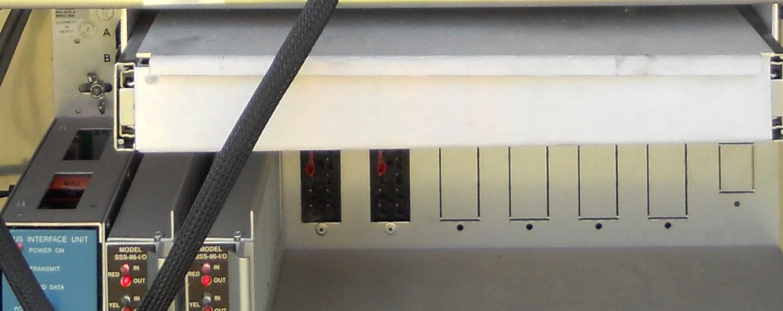
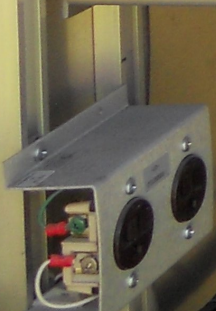
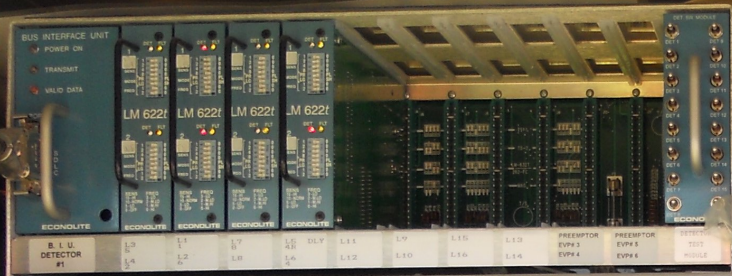
115 VOLTS A.C.

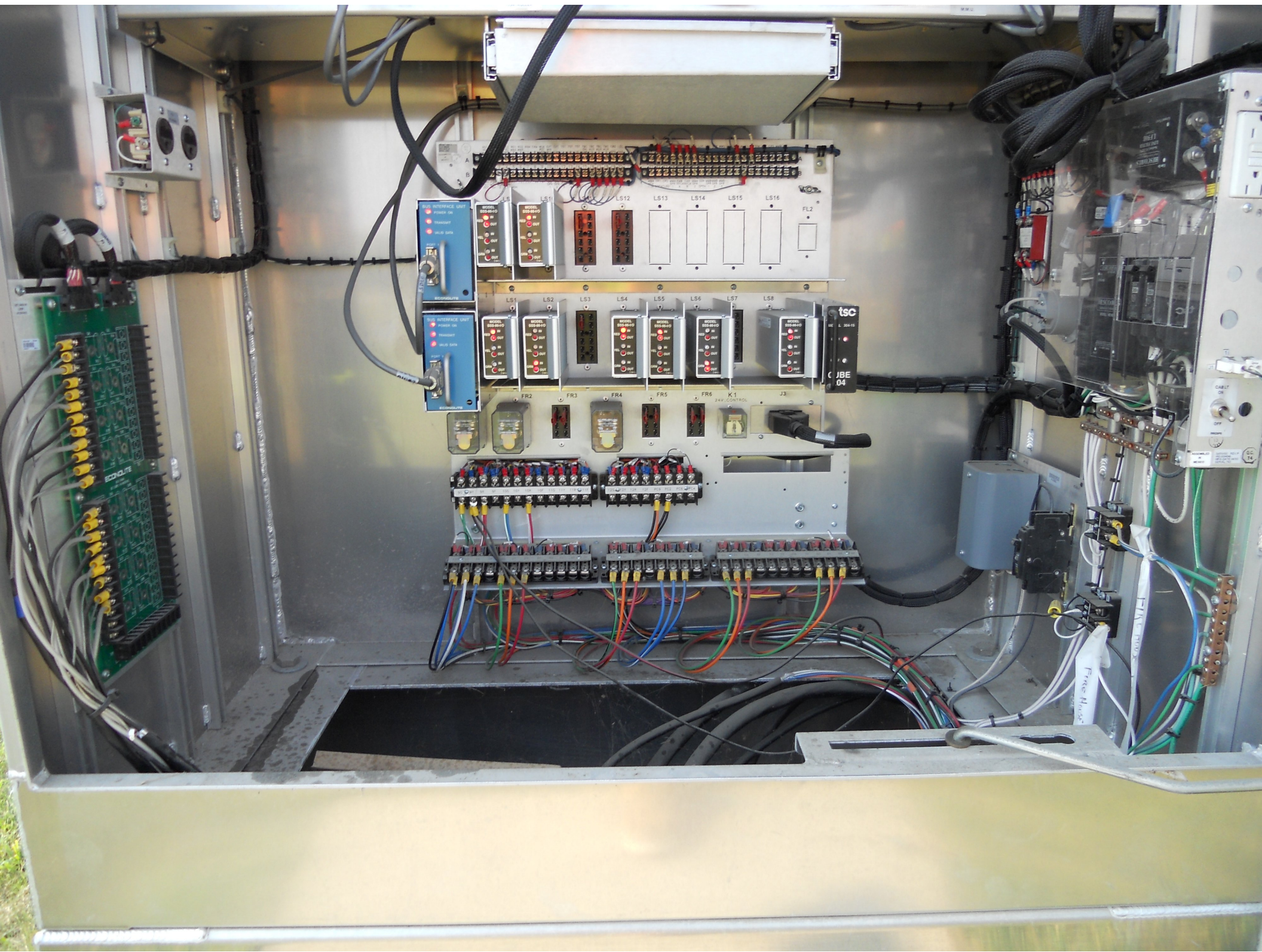
WARNING

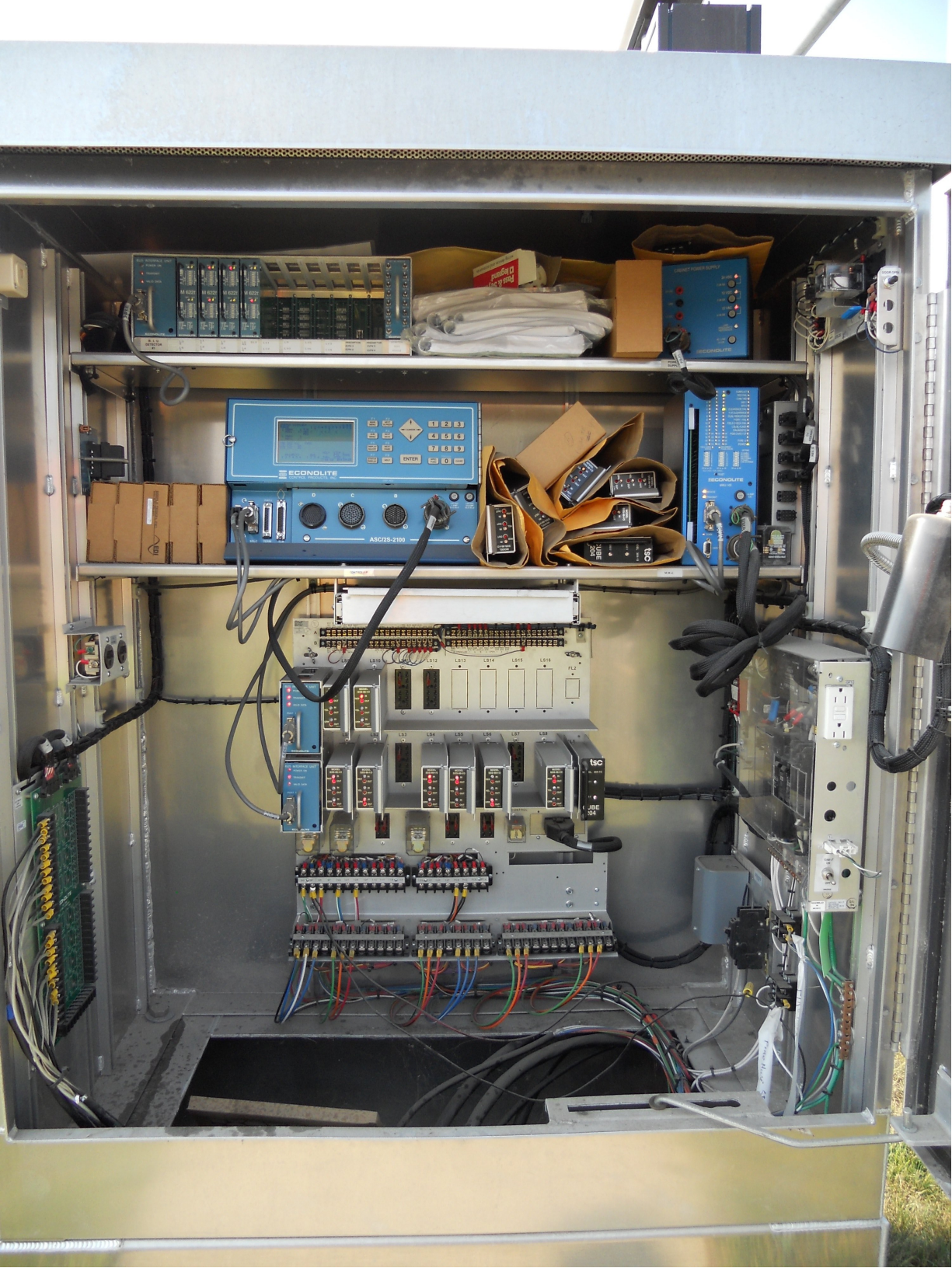
DO NOT OPERATE
CABINET WITHOUT
CMU / MMU



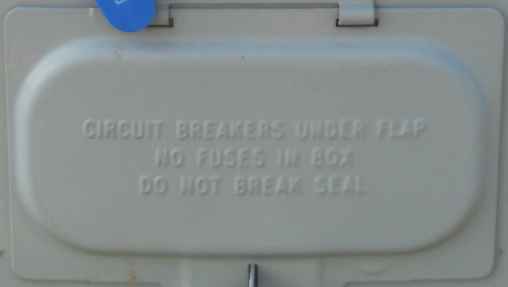
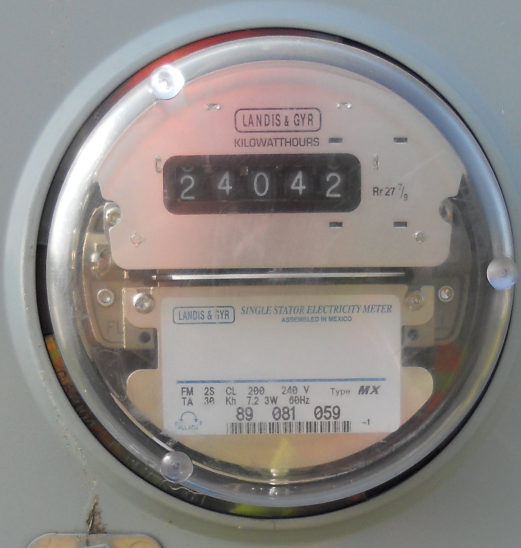








⚡ DANGER / PELIGRO
HAZARD OF ELECTRICAL SHOCK OR BURN
SERVICE BY UTILITY AUTHORIZED PERSONNEL ONLY
DO NOT PAINT OVER OR REMOVE THIS LABEL
PELIGRO DE DESCARGA ELECTRICA O QUEMADURA
SOLAMENTE PERSONAS AUTORIZADAS DE LA COMPAÑIA
ELECTRICA PUEDEN MANTENERLO
NO PINTES ENCIMA NI REMUEVA ESTA ETIQUETA



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NO PINTES ENCIMA NI REMUEVA ESTA ETIQUETA





DUNKIN'
DONUTS

DRIVE THRU
BY
SUNNY
DRIVEWAY

Now Hiring
CDL DRIVERS

















10.00" / 21.0"
55KSI / 7 GA
7.00" / 27.0" / 7 GA

ROBIN HOOD DR







DUNKIN'
DONUTS

DRIVE THRU
OPEN 24 HOURS
SERVING
FROM 5:00 AM

Hannaford





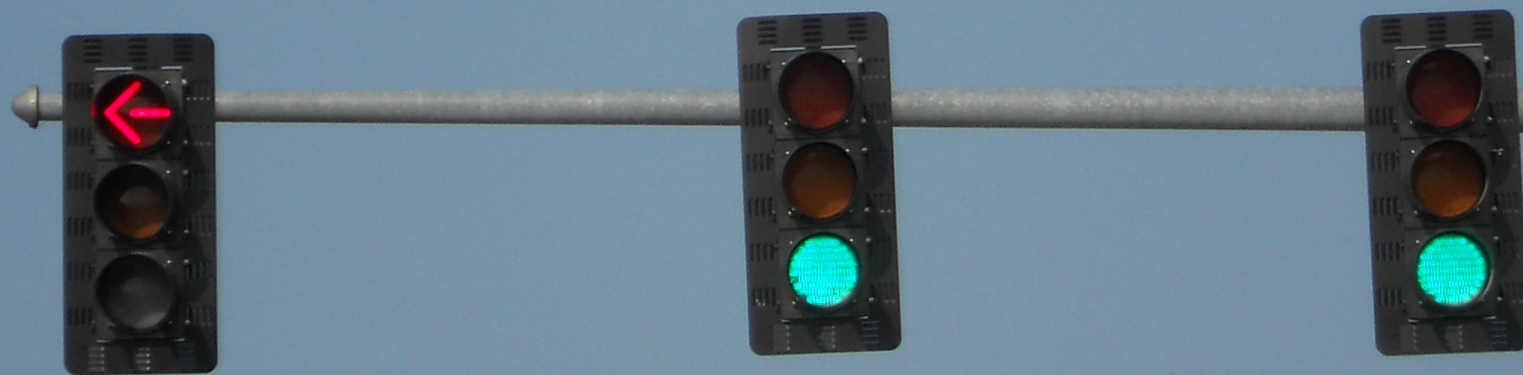


10.00" / 32.0'
55KSI / 7 GA
7.00" / 27.0' / 7 GA













13.00" / 32.0"
55KSI / 7GA
12.00" / 39.0" / 7GA

MISSISSQUOI ST















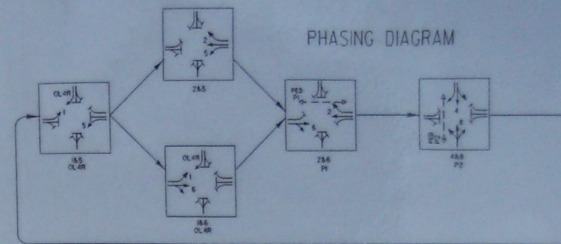
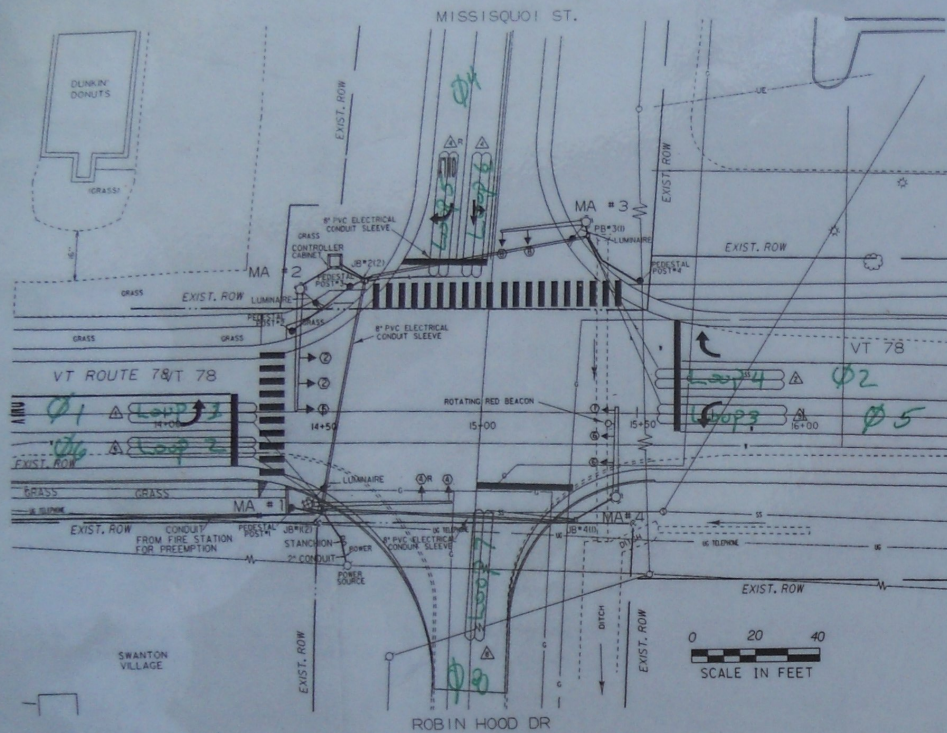




300X32.0
55X31/7GA
1000/450/7GA



Turn on Date: 10-3-06

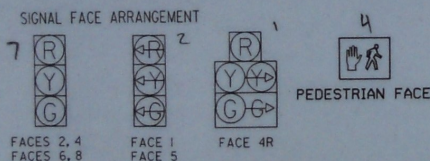


CONTROLLER TIMING CHART								
LOCAL PROGRAMMING	PHASE							
	1	2	3	4	5	6	7	8
MINIMUM GREEN	8.0	18.0	8.0	8.0	18.0	8.0		
EXTENSION	2.0	2.0		2.0	2.0	2.0		
YELLOW CLEARANCE	4.0	4.0		4.0	4.0	4.0		
ALL RED CLEARANCE	2.0	2.0		2.0	2.0	2.0		
MAX. GREEN I (AM PEAK)	16.0	34.0		16.0	16.0	34.0		
MAX. GREEN II (OFF PEAK)	16.0	28.0		16.0	16.0	28.0		
MAX. GREEN III (PM PEAK)	16.0	38.0		16.0	16.0	28.0		
WALK	-	8		8	-	8		8
FLASHING DON'T WALK	-	13		27	-	13		27
RECALL		27		13				
MEMORY								

WEEKDAY TIMINGS	
AM PEAK PERIOD	6:00 AM - 9:00 AM
OFF PEAK PERIOD	9:00 AM - 3:45 PM
PM PEAK PERIOD	3:45 PM - 6:00 PM

TABLE OF CHANGE SEQUENCE																
PHASE	1-5			1-6			2-5			2-6			4-8			
	CLEAR TO			CLEAR TO			CLEAR TO			CLEAR TO						
FACE	R/W	I-5	2-5	ALL OTHERS	R/W	I-5	2-6	ALL OTHERS	R/W	I-6	2-5	ALL OTHERS	R/W	I-6	2-5	ALL OTHERS
1	W	W	W	W	R	R	R	R	W	W	W	W	W	W	W	W
2	R	R	R	R	R	R	R	R	G	Y	R	G	G	R	R	R
4	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
4R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
5	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
6	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
8	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
P1	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
P2	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
P3	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

NOTE: W=WALK, FD=FLASH DON'T WALK, DW=DON'T WALK, B=BLANK
 * = INDICATIONS WILL BE WHEN THERE IS NO PEDESTRIAN ACTUATION
 ** = 12:00 AM - 6:00 AM



VEHICLE DETECTOR LOOPS									
LOOP NO.	LANE	CALL	SIZE	TYPE & NO. TURNS	DELAY OR PRESENCE	DELTA TIME (SEC)	INDUCTANCE CALC. ACT.	RESISTANCE CALC. ACT.	LEAKAGE TO GROUND
1	EB	1	6X40	DUAD/2-TURN	PRESENCE		370	0.97	YES
2	WB	2	6X40	DUAD/2-TURN	PRESENCE		372	1.00	NO
4	SB	4	6X40	DUAD/2-TURN	PRESENCE		350	0.72	NO
4A	SB	4	6X40	DUAD/2-TURN	PRESENCE		348	0.68	NO
5	WB	5	6X40	DUAD/2-TURN	PRESENCE		375	1.10	YES
6	EB	6	6X40	DUAD/2-TURN	PRESENCE		369	0.95	NO
8	NB	8	6X40	DUAD/2-TURN	PRESENCE		388	1.20	NO

NOTE: BACK PLATES TO BE INSTALLED

EXISTING	NEW	LEGEND
○	○	UTILITY POLE
○	○	LUMINAIRE
○	○	WOOD POLE
○	○	STRAIN POLE
○	○	CONTROLLER CABINET
○	○	PULLBOX/JUNCTION BOX
○	○	SIGNAL HEAD
○	○	CONDUIT
○	○	VEHICLE LOOPS
○	○	PEDESTAL POST
○	○	STATION
○	○	SWEEP

SIGNAL SHEET 1

PROJECT NAME: SWANTON
 PROJECT NUMBER: STPG ST 056-1011

FILE NAME: psw/00850/10562/signal.sgn

PLOT DATE: 19-APR-2006

.....

[illegible]

NIC Program Steps

Step	Program	Step Begins	Pattern	Override
1	1	0600	0	NO
2	1	0900	0	NO
3	1	1545	0	NO
4	1	1800	0	NO
5	1	0000	0	NO
6	2	0600	0	NO
7	2	0000	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	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 3 Program 1 Step Begins 1545

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	X	X	.	X	X	X	.	X	.	.	.	.
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 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	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 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 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	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 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	.	.	.	.	.	.
