



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Configuration Cabinet Settings**Cabinet Type (MM) 1-1-1**

Cabinet Type: 33x

Channel	1	2	3	4
BIU Detector				
Critical BIU				

Load Switch Configuration (MM) 1-1-2

Channel	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Channel Type	V	V	V	V	V	V	V	V	P	P	P	P	O	O	O	O
Phase/Overlap	1	2	3	4	5	6	7	8	2	4	6	8	1	2	3	4

Color Check Enable (MM) 1-1-3

The Cabinet Type does not support this feature.

Monitor Programming (MM) 1-1-4

The Cabinet Type does not support this feature.

Secondary Stations/Tests (MM) 1-1-6

The Cabinet Type does not support this feature.

Phase and Overlap Descriptions

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Approach	N	S	E	W	S	N	W	E	N	N	N	N	N	N	N	N
Movement	L	T	L	T	L	T	L	T								
Associated PED																
Overlap	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Approach	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Movement																



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Configuration Cabinet I/O Mapping**Input Output Remapping (MM) 1-1-5****Device: C1/C11 In**

Name	Type	Description	Number	Default
C1-39	INPUT_INPUT	Veh Detector	2	False
C1-40	INPUT_INPUT	Veh Detector	18	False
C1-41	INPUT_INPUT	Veh Detector	6	False
C1-42	INPUT_INPUT	Veh Detector	22	False
C1-44	INPUT_INPUT	Veh Detector	26	False
C1-45	INPUT_INPUT	Veh Detector	14	False
C1-46	INPUT_INPUT	Veh Detector	30	False
C1-47	INPUT_INPUT	Veh Detector	4	False
C1-48	INPUT_INPUT	Veh Detector	20	False
C1-49	INPUT_INPUT	Veh Detector	8	False
C1-50	INPUT_INPUT	Veh Detector	24	False
C1-55	INPUT_INPUT	Veh Detector	17	False
C1-57	INPUT_INPUT	Veh Detector	21	False
C1-58	INPUT_INPUT	Veh Detector	5	False
C1-59	INPUT_INPUT	Veh Detector	25	False
C1-60	INPUT_INPUT	Veh Detector	9	False
C1-61	INPUT_INPUT	Veh Detector	29	False
C1-62	INPUT_INPUT	Veh Detector	13	False
C11-10	INPUT_INPUT	Veh Detector	25	False
C11-11	INPUT_INPUT	Veh Detector	9	False
C11-12	INPUT_INPUT	Veh Detector	29	False
C11-13	INPUT_INPUT	Veh Detector	13	False
C1-63	INPUT_INPUT	Veh Detector	3	False
C1-64	INPUT_INPUT	Veh Detector	19	False
C1-65	INPUT_INPUT	Veh Detector	7	False
C1-66	INPUT_INPUT	Veh Detector	23	False
C1-75	INPUT_INPUT	C* Split Demand 1	1	False
C1-76	INPUT_INPUT	Veh Detector	11	False
C1-77	INPUT_INPUT	Veh Detector	27	False
C1-78	INPUT_INPUT	Veh Detector	15	False
C1-79	INPUT_INPUT	Veh Detector	31	False
C1-81	INPUT_INPUT	FL Stat - Cab FL	1	False
C11-15	INPUT_INPUT	Veh Detector	3	False
C11-16	INPUT_INPUT	Veh Detector	19	False
C11-17	INPUT_INPUT	Veh Detector	7	False
C11-18	INPUT_INPUT	Veh Detector	23	False
C11-19	INPUT_INPUT	Ped Detector	2	False
C11-20	INPUT_INPUT	Ped Detector	6	False
C11-21	INPUT_INPUT	Ped Detector	4	False
C11-22	INPUT_INPUT	Ped Detector	8	False

C11-23	INPUT_INPUT	Preempt Call	3	False
C11-24	INPUT_INPUT	Preempt Call	4	False
C11-25	INPUT_INPUT	Preempt Call	5	False
C11-26	INPUT_INPUT	Preempt Call	6	False
C11-27	INPUT_INPUT	C* Split Demand 1	1	False
C11-28	INPUT_INPUT	Veh Detector	11	False
C11-29	INPUT_INPUT	Veh Detector	27	False
C11-30	INPUT_INPUT	Veh Detector	15	False

Device: C1/C11 Out

Name	Type	Description	Number	Default
C1-35	OUTPUT_OUTPUT	Preempt Status	3	False
C1-36	OUTPUT_OUTPUT	Preempt Status	4	False
C1-37	OUTPUT_OUTPUT	Preempt Status	5	False
C1-38	OUTPUT_OUTPUT	Preempt Status	6	False



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Configuration Communications

Ethernet Port Configuration (MM) 1-2-1		NTCIP (MM) 1-2-5	
DHCP	No	NTCIP Backup Time (Sec):	0
Enable:		NTCIP UDP Port:	501
Controller IP:	192.168.1.30	Ethernet Priority:	1
Subnet Mask:	255.255.255.0	Port 2(C50S) Priority:	4
Default		Port 3A(C21S) Priority:	3
Gateway IP:	192.168.1.1	Port 3B(C22S) Priority:	2
Server IP:	192.168.1.1		

Port Configuration (MM) 1-2-2 to 1-2-4

Port	2 (C50S)	3A (C21S)	3B (C22S)
Comm Module	n/a	Auto	Auto
Enable	Yes	No	No
Data Rate (BPS)	9600	9600	9600
Data, Parity, Stop	8 N 1	8 N 1	8 N 1
Duplex - Half or Full	Full	Full	Full
Protocol	NTCIP	NTCIP	NTCIP
Address	1	0	0
Group Address	0	0	0
Dropout Time	10	10	10
Single Flag Enable	No	Yes	Yes

V2I / Connected Veh (MM) 1-2-7**SPAT/MAP Destinations**

	IP Address	Port
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Transit (MM) 1-2-8

CSP Address	192.168.1.1
Controller Port	4097
CSP Port	4096
Headway Allowance	0



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Configuration Logging / Display**Event Logging (MM) 1-3**

Critical RFE's (MMU/TF):	Yes	Access:	Yes
MMU Flash Faults:	Yes	Data Change:	Yes
3 Critical Errors Within 24 Hours:	Yes	Low Battery:	Yes
Non-Critical RFE's (Det/Test):	Yes	Controller Download:	Yes
Detector Errors:	Yes	Power On/Off:	Yes
SCP (TSP/EVP):	Yes	Local Flash Fault:	Yes
Preemption Events:	Yes	Online / Offline:	Yes
Coordination Errors:	Yes	Hi-Res MOE:	No

Alarm Event	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Enable Logging	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

NTCIP SCP MSG: No

Database (MM) 1-6

Enable Controller/Cabinet Interlock CRC:	No
CRC (16 bit):	4912
Enable Automatic Backup to Datakey:	Yes

Display Options (MM) 1-4

Key Click Enable:	No
Switch to Graphics Mode:	No
Trans Mode Pop-Up Disable:	No
Display Mode:	Basic
LED Mode:	Auto

Sign On (MM) 8-5

Sign On Message Line 1: Solutions that Move the World

Sign On Message Line 2:

Software Modules (MM) 8-7

Application Version: 03.02.24

OS (Boot) Version: 06.18.00



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Logic Processor Page 1

Logic Statement Control (MM) 1-5-1

Logic #	Statement Control
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MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Logic Processor Page 2

Logic Processor Statements (MM) 1-5-2



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Controller Timing Plan (MM) 2-1

Plan 1 - ""

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Direction	N-L	S-T	E-L	W-T	S-L	N-T	W-L	E-T	N	N	N	N	N	N	N	N
2-1-1	Minimum Green															
Delay Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min Green	0	30	0	15	0	30	0	15	5	5	5	5	5	5	5	5
Bk Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CS Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Variable Initial															
Lane	False	False	False	False	False	False	False	False	False	False	False	False	False	False	False	False
Act B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sec/Act	0.0	0.0	0.0	0.0	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 Int	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-1-2	Vehicle Passage															
Vehicle Ext	0.0	4.0	0.0	4.0	0.0	4.0	0.0	4.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Vehicle Ext 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Volume Occupancy															
Time B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cars Wt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STPTDuc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TTReduc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min 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	0.0	0.0	0.0	0.0
2-1-3	Max Green Data															
Max1	0	65	0	30	0	35	0	30	35	35	35	35	35	35	35	35
Max2	0	50	0	15	0	50	0	15	40	40	40	40	40	40	40	40
Max3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dynamic Max															
DYM Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dym Step	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2-1-4	Pedestrian															
Delay Walk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	0	0	0	0	0	0	0	0	10	0	10	0	10	0	10
Ped Clear	0	10	0	10	0	10	0	10	0	16	0	16	0	16	0	16
	Alternate															
Walk2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pedestrian Carry Over															
Ped CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Max Extension															
Walk Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hawk															

Ingress Phase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Travel Time	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-1-5	Clearance															
Pre-Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	3.0	5.5	3.0	4.0	3.0	5.5	3.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Red Clear	1.0	1.5	1.0	4.0	1.0	1.5	1.0	4.0	1.0	1.0	1.0	1.0	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	2.0	2.0	2.0	2.0
	Max Extension															
Red Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hawk Flash															
Yellow	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Red Delay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan 1 - ""Continued**Phase Recall (MM) 2-1-6**

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Lock Detector																
Vehicle Recall		X				X										
Ped Recall																
Max Recall																
Soft Recall																
No Rest																

Overlap (MM) 2-1-7

Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Leading																
Adv. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adv. Ped	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay FYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trailing																
Lag Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Phase Outputs (MM) 2-1-8

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Double Serve																
Dbl Serv Ph.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan 2 - ""

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Direction	N-L	S-T	E-L	W-T	S-L	N-T	W-L	E-T	N	N	N	N	N	N	N	N
2-1-1	Minimum Green															
Delay Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min Green	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Bk Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CS Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Variable Initial															

Lane	False	False	False	False	False	False	False	False	False	False	False	False	False	False	False	False
Act B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sec/Act	0.0	0.0	0.0	0.0	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 Int	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-1-2	Vehicle Passage															
Vehicle Ext	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Vehicle Ext 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Volume Occupancy															
Time B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cars Wt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STPTDuc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TTReduc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min 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	0.0	0.0	0.0	0.0
2-1-3	Max Green Data															
Max1	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Max2	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Max3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dynamic Max															
DYM Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dym Step	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2-1-4	Pedestrian															
Delay Walk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0	10
Ped Clear	0	16	0	16	0	16	0	16	0	16	0	16	0	16	0	16
	Alternate															
Walk2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pedestrian Carry Over															
Ped CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Max Extension															
Walk Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hawk															
Ingress Phase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Travel Time	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-1-5	Clearance															
Pre-Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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	2.0	2.0	2.0	2.0
	Max Extension															
Red Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hawk Flash															
Yellow	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Red Delay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan 2 - ""Continued**Phase Recall (MM) 2-1-6**

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Lock Detector	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vehicle Recall																

Ped Recall																	
Max Recall																	
Soft Recall																	
No Rest																	

Overlap (MM) 2-1-7

Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Leading																
Adv. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adv. Ped	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay FYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trailing																
Lag Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Phase Outputs (MM) 2-1-8

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Double Serve																
Dbl Serv Ph.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan 3 - ""

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Direction	N-L	S-T	E-L	W-T	S-L	N-T	W-L	E-T	N	N	N	N	N	N	N	N
2-1-1	Minimum Green															
Delay Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min Green	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Bk Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CS Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Variable Initial															
Lane	False	False	False	False	False	False	False	False	False	False	False	False	False	False	False	False
Act B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sec/Act	0.0	0.0	0.0	0.0	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 Int	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-1-2	Vehicle Passage															
Vehicle Ext	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Vehicle Ext 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Volume Occupancy															
Time B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cars Wt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STPTDuc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TTReduc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min 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	0.0	0.0	0.0	0.0
2-1-3	Max Green Data															
Max1	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Max2	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Max3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dynamic Max															
DYM Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dym Step	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2-1-4	Pedestrian															
Delay Walk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0	10
Ped Clear	0	16	0	16	0	16	0	16	0	16	0	16	0	16	0	16
	Alternate															
Walk2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pedestrian Carry Over															
Ped CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Max Extension															
Walk Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hawk															
Ingress Phase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Travel Time	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-1-5	Clearance															
Pre-Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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	2.0	2.0	2.0	2.0
	Max Extension															
Red Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hawk Flash															
Yellow	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Red Delay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan 3 - ""Continued**Phase Recall (MM) 2-1-6**

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Lock Detector	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vehicle Recall																
Ped Recall																
Max Recall																
Soft Recall																
No Rest																

Overlap (MM) 2-1-7

Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Leading																
Adv. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adv. Ped	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay FYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trailing																
Lag Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Phase Outputs (MM) 2-1-8

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Double Serve																

Dbl Serv Ph.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
--------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Plan 4 - ""

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Direction	N-L	S-T	E-L	W-T	S-L	N-T	W-L	E-T	N	N	N	N	N	N	N	N
2-1-1	Minimum Green															
Delay Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min Green	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Bk Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CS Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Variable Initial															
Lane	False	False	False	False	False	False	False	False	False	False	False	False	False	False	False	False
Act B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sec/Act	0.0	0.0	0.0	0.0	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 Int	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-1-2	Vehicle Passage															
Vehicle Ext	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Vehicle Ext 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Volume Occupancy															
Time B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cars Wt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STPTDuc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TTReduc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min 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	0.0	0.0	0.0	0.0
2-1-3	Max Green Data															
Max1	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Max2	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Max3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dynamic Max															
DYM Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dym Step	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2-1-4	Pedestrian															
Delay Walk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0	10
Ped Clear	0	16	0	16	0	16	0	16	0	16	0	16	0	16	0	16
	Alternate															
Walk2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pedestrian Carry Over															
Ped CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Max Extension															
Walk Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hawk															
Ingress Phase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Travel Time	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-1-5	Clearance															
Pre-Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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	2.0	2.0	2.0	2.0
	Max Extension															
Red Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hawk Flash															
Yellow	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Red Delay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan 4 - ""Continued**Phase Recall (MM) 2-1-6**

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Lock Detector	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vehicle Recall																
Ped Recall																
Max Recall																
Soft Recall																
No Rest																

Overlap (MM) 2-1-7

Phase	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Leading															
Adv. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adv. Ped	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delay FYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Trailing															
Lag Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Phase Outputs (MM) 2-1-8

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Double Serve															
Dbl Serv Ph.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Controller Overlaps**Vehicle Overlaps (MM) 2-2****Vehicle / Pedestrian Overlaps (MM) 2-3**

Included	Pedestrian Overlaps
----------	---------------------

Guaranteed Minimum Time Data (MM) 2-4

Phase	Min Green	Walk	Ped Clear	Yellow	Red Clear	Overlap Green
A01	5	0	7	3.0	0.0	5
B02	5	0	7	3.0	0.0	5
C03	5	0	7	3.0	0.0	5
D04	5	0	7	3.0	0.0	5
E05	5	0	7	3.0	0.0	5
F06	5	0	7	3.0	0.0	5
G07	5	0	7	3.0	0.0	5
H08	5	0	7	3.0	0.0	5
I09	5	0	7	3.0	0.0	5
J10	5	0	7	3.0	0.0	5
K11	5	0	7	3.0	0.0	5
L12	5	0	7	3.0	0.0	5
M13	5	0	7	3.0	0.0	5
N14	5	0	7	3.0	0.0	5
O15	5	0	7	3.0	0.0	5
P16	5	0	7	3.0	0.0	5



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Controller Start / Flash Data (MM) 2-5**Power Start Up**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Flashing Yellow Phase																
Flashing Yellow Overlap																
Start Phase	.	G	.	.	.	G	.	.	.	.	.	.	.	.	.	.
Start Overlap	A	B	C	D												
Cycle Phases Overlap	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P

Flash Minimum Time: 0 All Red Time: 0 Sequence Plan: 1 Clear Flashing Yellow: No

Automatic Flash

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Entry Phase				X				X								
Wig / Wag		X		X		X		X								
Phase Color	R	R	R	R	R	R	R	R	.	.	.	.	.	.	.	.
Exit Phase		X				X										
Olp Wig / Wag																
Exit Overlap	A	B	C	D												
Overlap Color	Y	Y	Y	Y	.	.	.	.	.	.	.	.	.	.	.	.

Flash Thru CVM: No Cycle Thru Phase: No Exit Flash: W
 Minimum Recall: No Minimum Flash: 0



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Controller Options**Controller Options (MM) 2-6**

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Phases In Use	X	X	X	X	X											
Dual Entry	X	X	X	X	X											
Simultaneous Gap	X	X	X	X	X											
Lock Phase Next	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Passage After Init																
Guaranteed Passage																
Cond Service From																
Cond Service To																
LRT/RBT Phase																
Pre Green Clear																
2 Section Signal																
Adv Warning Wig/Wag																
Hawk Phase																
Dark Signal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Non-Actuated I	X				X											
Non-Actuated II																
Pre-Timed																
Exclusive Ped																
Rest In Walk																
Ped Re-Service																
Flashing Walk																
Ped Clear Thru Yellow																
Ped Clear Thru Red																
Flash Green	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ped Omit																

Unit Red Revert: 2.0
 Ped Clear Protect: Off
 MUTCD 3 Seconds Don't Walk: No
 Enable Pre-Timed Mode: No
 Free Input Disables Pre-Timed: No



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Configuration Controller Sequence**Controller Sequence (MM) 2-7-1****Phase Ring Sequence.....**(Note: Sequences identical to the prior one are not printed)

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
	B		B		B											

Sequence 1

Ring 1 | 1 2 | 3 4 |

Ring 2 | 5 6 | 7 8 |

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
No Serve																

Independent Ring Group: No

Hardware Alternate Sequence Enable: No

Backup Prevent (MM) 2-7-2



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

No Serve (MM) 2-7-3

Phase	No Serve Phases																Sequences															
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Coordination Options**Options (MM) 3-1**

System Source:	TBC	ECPI Coord:	Yes
Splits In:	Seconds	Offsets In:	Seconds
Transition:	Smooth	Calc Min Cycle	Yes
		Using Ped Time:	Yes
Dwell / Add Time:	0	Ped Reservice:	No
Delay Coord Wk-LZ:	No	FO Added Ini Green:	No
Offset Reference:	Lead	Re-sync Count:	0
Local Zero	No	Early Return:	Inhibit
Override:			

Auto Perm Min Green (Sec) (MM) 3-2

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Minimum Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Preempt Plan

Preempt Plan (MM) 4-1

No Enabled Preempts



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Preempt TSP/SCP Plan and Split

Enable Preempt Filtering &
TSP/SCP (MM) 4-2

Input	Solid	Pulsing
1	...BYPASSED...	...BYPASSED...
2	...BYPASSED...	...BYPASSED...
3	PREEMPTION 3	PREEMPTION 7
4	PREEMPTION 4	PREEMPTION 8
5	PREEMPTION 5	PREEMPTION 9
6	PREEMPTION 6	PREEMPTION 10
7	...BYPASSED...	...BYPASSED...
8	...BYPASSED...	...BYPASSED...
9	...BYPASSED...	...BYPASSED...
10	...BYPASSED...	...BYPASSED...

SCP Strategy Plan (MM) 4-3

SCP Split Pattern (MM) 4-4
TSP/SCP

Split Pattern	Max Type	Phase															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

	Max Extension																
8	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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	Max Reduction																
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	Max Extension																
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	Max Reduction																
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	Max Extension																
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	Max Reduction																
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117	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
118	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
118	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
119	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
119	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
120	Max Reduction	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
120	Max Extension	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

SCP Detector Plan (MM) 4-5

SCP Detector
Plan: 1

Detector	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
SCP Phase	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Travel Time	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class Type	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Hold Over	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Lock	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

Max Call	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
Check In Delay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No Delay In TSP	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Time Base Clock/Calendar

Clock/Calendar Data (MM) 5-1

Manual Event Plan: 0
SYNC Reference Time: 00:00
SYNC Reference: Reference Time
Standard Time From GMT: 0
Day Light Savings: No
Time Reset Input Set Time: 3:30:00



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

**Time Base Event Plan
Event Plan (MM) 5-2****Event Plan - 99 - "99" - Event Type: "Flash"**

Timing Plan: 0 Veh Detector 0
 Plan:
Sequence: 0 Veh Det Diag 0
 Plan:
Override Sys: No Ped Det Diag 0
 Plan:
 Det Log: None
Exit Option: Off

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Veh Recall																
Max Recall																
Omit																



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Time Base Day Plan/Schedule
Day Plan (MM) 5-3

Day Plan #1 - "1"

Event	Event Plan	Start Time
1	100	00:00

Schedule (MM) 5-4**Schedule Number - 1**

Day Plan No.: 1

Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	X	X	X	X	X	X	X	X	X	X	X	X

Day (DOW)	SUN	MON	TUE	WED	THU	FRI	SAT
	X	X	X	X	X	X	X

Day (DOM)	1	2	3	4	5	6	7	8	9	10	11
	X	X	X	X	X	X	X	X	X	X	X
	12	13	14	15	16	17	18	19	20	21	22
	X	X	X	X	X	X	X	X	X	X	X
	23	24	25	26	27	28	29	30	31		
	X	X	X	X	X	X	X	X	X		



MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Time Base Exceptions

Exception Day Program (MM) 5-5

Excep Day	Float/Fixed	Mon/Mon	DOW/DOM	WOM/Year	Day Plan
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MOVING TRAFFIC FORWARD

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Detectors

Vehicle Detectors (MM) 6-1 and 6-2

Vehicle Detector Descriptions

Veh Detector	Description (detectors with no description are not shown)
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Vehicle Detector Plan Number - 1

Veh Det	Phase Primary - Addit.	Lock In	Delay Time	Ext Option	Delay Mode	Queue Lim. / Extend Time	Call Option	Cross Switch Ph	Bike Call	Use Added Initial	Red Extend	TS2 Det	Detector Log Enable		
													NTCIP Vol.	NTCIP Occ.	ECPI Log
1	1	None	0.0	Passage	Red/Yellow	0.0	Call	0							
2	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
3	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
4	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
5	3	None	0.0	Passage	Red/Yellow	0.0	Call	0							
6	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
7	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
8	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
9	1	None	0.0	Passage	Red/Yellow	0.0	Call	0							
10	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
11	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
12	16	None	0.0	Passage	Red/Yellow	0.0	Call	0							
13	3	None	0.0	Passage	Red/Yellow	0.0	Call	0							
14	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
15	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
16	16	None	0.0	Passage	Red/Yellow	0.0	Call	0							
17	5	None	0.0	Passage	Red/Yellow	0.0	Call	0							
18	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
19	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
20	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
21	7	None	0.0	Passage	Red/Yellow	0.0	Call	0							
22	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
23	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
24	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
25	5	None	0.0	Passage	Red/Yellow	0.0	Call	0							
26	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
27	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
28	16	None	0.0	Passage	Red/Yellow	0.0	Call	0							
29	7	None	0.0	Passage	Red/Yellow	0.0	Call	0							
30	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
31	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
32	16	None	0.0	Passage	Red/Yellow	0.0	Call	0							
33	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
34	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
35	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
36	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			

37	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
38	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
39	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
40	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
41	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
42	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
43	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
44	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
45	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
46	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
47	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
48	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
49	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
50	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
51	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
52	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
53	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
54	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
55	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
56	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
57	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
58	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
59	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
60	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
61	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
62	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
63	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
64	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			

Vehicle Detector Plan Number - 2

Veh Det	Phase Primary - Addit.	Lock In	Delay Time	Ext Option	Delay Mode	Queue Lim. / Extend Time	Call Option	Cross Switch Ph	Bike Call	Use Added Initial	Red Extend	TS2 Det	Detector Log Enable		
													NTCIP Vol.	NTCIP Occ.	ECPI Log
1	1	None	0.0	Passage	Red/Yellow	0.0	Call	0							
2	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
3	3	None	0.0	Passage	Red/Yellow	0.0	Call	0							
4	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
5	5	None	0.0	Passage	Red/Yellow	0.0	Call	0							
6	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
7	7	None	0.0	Passage	Red/Yellow	0.0	Call	0							
8	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
9	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
10	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
11	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
12	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
13	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
14	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
15	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
16	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
17	1	None	0.0	Passage	Red/Yellow	0.0	Call	0							
18	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
19	3	None	0.0	Passage	Red/Yellow	0.0	Call	0							
20	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
21	5	None	0.0	Passage	Red/Yellow	0.0	Call	0							

22	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
23	7	None	0.0	Passage	Red/Yellow	0.0	Call	0							
24	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
25	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
26	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
27	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
28	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
29	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
30	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
31	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
32	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
33	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
34	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
35	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
36	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
37	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
38	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
39	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
40	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
41	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
42	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
43	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
44	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
45	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
46	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
47	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
48	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
49	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
50	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
51	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
52	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
53	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
54	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
55	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
56	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
57	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
58	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
59	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
60	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
61	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
62	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
63	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
64	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			

Vehicle Detector Plan Number - 3

Veh Det	Phase Primary - Addit.	Lock In	Delay Time	Ext Option	Delay Mode	Queue Lim. / Extend Time	Call Option	Cross Switch Ph	Bike Call	Use Added Initial	Red Extend	TS2 Det	Detector Log Enable		
													NTCIP Vol.	NTCIP Occ.	ECPI Log
1	1	None	0.0	Passage	Red/Yellow	0.0	Call	0							
2	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
3	3	None	0.0	Passage	Red/Yellow	0.0	Call	0							
4	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
5	5	None	0.0	Passage	Red/Yellow	0.0	Call	0							
6	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							

7	7	None	0.0	Passage	Red/Yellow	0.0	Call	0							
8	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
9	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
10	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
11	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
12	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
13	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
14	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
15	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
16	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
17	1	None	0.0	Passage	Red/Yellow	0.0	Call	0							
18	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
19	3	None	0.0	Passage	Red/Yellow	0.0	Call	0							
20	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
21	5	None	0.0	Passage	Red/Yellow	0.0	Call	0							
22	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
23	7	None	0.0	Passage	Red/Yellow	0.0	Call	0							
24	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
25	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
26	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
27	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
28	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
29	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
30	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
31	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
32	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
33	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
34	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
35	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
36	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
37	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
38	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
39	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
40	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
41	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
42	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
43	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
44	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
45	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
46	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
47	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
48	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
49	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
50	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
51	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
52	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
53	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
54	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
55	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
56	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
57	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
58	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
59	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
60	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
61	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			

62	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
63	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
64	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			

Vehicle Detector Plan Number - 4

Veh Det	Phase Primary - Addit.	Lock In	Delay Time	Ext Option	Delay Mode	Queue Lim. / Extend Time	Call Option	Cross Switch Ph	Bike Call	Use Added Initial	Red Extend	TS2 Det	Detector Log Enable		
													NTCIP Vol.	NTCIP Occ.	ECPI Log
1	1	None	0.0	Passage	Red/Yellow	0.0	Call	0							
2	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
3	3	None	0.0	Passage	Red/Yellow	0.0	Call	0							
4	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
5	5	None	0.0	Passage	Red/Yellow	0.0	Call	0							
6	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
7	7	None	0.0	Passage	Red/Yellow	0.0	Call	0							
8	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
9	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
10	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
11	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
12	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
13	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
14	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
15	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
16	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
17	1	None	0.0	Passage	Red/Yellow	0.0	Call	0							
18	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
19	3	None	0.0	Passage	Red/Yellow	0.0	Call	0							
20	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
21	5	None	0.0	Passage	Red/Yellow	0.0	Call	0							
22	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
23	7	None	0.0	Passage	Red/Yellow	0.0	Call	0							
24	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
25	2	None	0.0	Passage	Red/Yellow	0.0	Call	0							
26	4	None	0.0	Passage	Red/Yellow	0.0	Call	0							
27	6	None	0.0	Passage	Red/Yellow	0.0	Call	0							
28	8	None	0.0	Passage	Red/Yellow	0.0	Call	0							
29	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
30	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
31	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
32	0	None	0.0	Passage	Red/Yellow	0.0	Call	0							
33	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
34	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
35	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
36	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
37	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
38	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
39	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
40	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
41	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
42	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
43	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
44	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
45	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			
46	0	None	0.0	Passage	Red/Yellow	0.0	Call	0				X			

47	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
48	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
49	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
50	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
51	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
52	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
53	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
54	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
55	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
56	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
57	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
58	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
59	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
60	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
61	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
62	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
63	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			
64	0	None	0.0	Passage	Red/Yellow	0.0	Call	0					X			

Ped Detector Phase Assignment (MM) 6-3

Ped Detector Number	Called Phase																Ped Extend
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	No
2	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	.	No
3	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	.	No
4	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	.	No
5	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	.	No
6	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	.	No
7	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	.	No
8	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	.	No
9	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	.	No
10	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	.	No
11	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	.	No
12	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	.	No
13	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.	No
14	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.	No
15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	.	No
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	X	No

*MOVING TRAFFIC FORWARD*

Preble 40 @ Petro - D08, Preble - Econolite Type - EOS

Detectors**Detectors - Pg 2****Log - Speed Detector Setup (MM) 6-4**

ECPI Log Period: NTCIP Log Length Unit:
TBEP Period: 60 Inches

Speed Detector	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Local Detector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
One/Two Detector	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Vehicle Length	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trap length	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enable Log	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

Vehicle Detector Diagnostics (MM) 6-5**Pedestrian Detector Diagnostics (MM) 6-6**