

INTERSECTION: ECR & Leucadia-Olivenhain

Group Assignment: **4002**
 Field Master Assignment: **NONE**
 System Reference Number: **24**

N/S Street Name: **El Camino Real**
 E/W Street Name: **Leucadia Blvd & Olivenhain Rd**

Last Database Change: **12/21/2015 10:15**

Change Record					
Change	By	Date	Change	By	Date

Notes: **max recall for phase 7 (rob Blough)**

Drop Number	10	<C+0+0>
Zone Number	10	<C+0+1>
Area Number	2	<C+0+2>
Area Address	23	<C+0+3>
QuicNet Channel	COM6:	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	5.0	<F+C+0>

Start / Revert Times

Row	Phase Names ---->	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	5	0	5	0	5	0	5
1	Ped FDW	0	32	0	28	0	29	0	27
2	Min Green	5	10	5	10	5	10	5	10
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0
5	Veh Extension	2.0	3.5	2.0	3.5	2.0	3.5	2.0	3.5
6	Max Gap	2.0	5.0	2.0	5.0	2.0	5.0	2.0	5.0
7	Min Gap	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
8	Max Limit	50	40	30	40	30	40	30	40
9	Max Limit 2	40	70	40	70	40	70	40	70
A	-----	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5
D	Reduce Every	0.0	5.0	0.0	5.0	0.0	5.0	0.0	5.0
E	Yellow Change	3.6	5.0	3.6	5.0	3.6	5.0	3.6	5.0
F	Red Clear	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5

Phase Timing - Bank 1 <F Page>

E		F	
RR-1 Delay	0	Permit	12345678
RR-1 Clear	0	Red Lock	_____
EV-A Delay	0	Yellow Lock	23 6
EV-A Clear	1	Min Recall	1 4 8
EV-B Delay	0	Ped Recall	_____
EV-B Clear	1	View Set Peds	-----
EV-C Delay	0	Rest In Walk	_____
EV-C Clear	1	Red Rest	_____
EV-D Delay	0	Dual Entry	_____
EV-D Clear	1	Max Recall	_____
RR-2 Delay	0	Soft Recall	_____
RR-2 Clear	0	Max 2	_____
View EV Delay	---	Cond. Service	_____
View EV Clear	---	Man Cntrl Calls	_____
View RR Delay	---	Yellow Start	3 7
View RR Clear	---	First Phases	4 8

Preempt Timing <F Page>

Row
0
1
2
3
4
5
6
7
8
9
A
B
C
D
E
F

Manual Plan
 0 = Automatic
 1-9 = Plan 1-9
 14 = Free
 15 = Flash

Manual Offset
 0 = Automatic
 1 = Offset A
 2 = Offset B
 3 = Offset C

Column Numbers ---->		Plan									
Row	Plan Name ---->	1	2	3	4	5	6	7	8	9	Row
0	Cycle Length	135	130	140	140	0	0	0	0	0	0
1	Phase 1 - ForceOff	99	58	102	99	0	0	0	0	0	1
2	Phase 2 - ForceOff	62	90	65	60	0	0	0	0	0	2
3	Phase 3 - ForceOff	27	111	28	27	0	0	0	0	0	3
4	Phase 4 - ForceOff	0	0	0	0	0	0	0	0	0	4
5	Phase 5 - ForceOff	54	42	55	53	0	0	0	0	0	5
6	Phase 6 - ForceOff	99	90	102	99	0	0	0	0	0	6
7	Phase 7 - ForceOff	119	26	125	122	0	0	0	0	0	7
8	Phase 8 - ForceOff	0	0	0	0	0	0	0	0	0	8
9	Ring Offset	0	0	0	0	0	0	0	0	0	9
A	Offset 1	0	0	122	25	0	0	0	0	0	A
B	Offset 2	0	0	0	0	0	0	0	0	0	B
C	Offset 3	0	0	0	0	0	0	0	0	0	C
D	Permissive	0	0	0	0	0	0	0	0	0	D
E	Hold Release	130	125	140	135	0	0	0	0	0	E
F	Zone Offset	0	0	0	0	0	0	0	0	0	F

Coordination

<C Page>

(* = Coordination Recall)

Row	E	Row
		0
Plan 1 - Sync	4 8	1
Plan 2 - Sync	4 8	2
Plan 3 - Sync	4 8	3
Plan 4 - Sync	4 8	4
Plan 5 - Sync	4 8	5
Plan 6 - Sync	4 8	6
Plan 7 - Sync	4 8	7
Plan 8 - Sync	4 8	8
Plan 9 - Sync	4 8	9
Coord Ped *		A
NEMA Hold		B
		C
		D
		E
		F

Sync Phases

<C Page>

Row	Column Numbers ---->	E
0	Exclusive Phases	
1	RR-1 Clear Phases	
2	RR-2 Clear Phases	
3	RR-2 Limited Service	
4	Prot / Perm Phases	
5	Overlap A - Green Omit	8
6	Overlap B - Green Omit	
7	Overlap C - Green Omit	
8	Overlap D - Green Omit	
9	Overlap Yellow Flash	
A	EV-A Phases	2 5
B	EV-B Phases	4 7
C	EV-C Phases	1 6
D	EV-D Phases	3 8
E	Extra 1 Config. Bits	1 3 5
F	IC Select (Interconnect)	2

Configuration

<E Page>

Row	F
RR Overlap A - Phases	
RR Overlap B - Phases	
RR Overlap C - Phases	
RR Overlap D - Phases	
Ped 2P	2
Ped 6P	6
Ped 4P	4
Ped 8P	8
Yellow Flash Phases	
Overlap A - Phases	1 8
Overlap B - Phases	
Overlap C - Phases	
Overlap D - Phases	
Restricted Phases	
Assign 5 Outputs	1

Configuration

<E Page>

Extra 1 Flags

- 1 = TBC Type 1
- 2 = NEMA Ext. Coord
- 3 = Auto Daylight Savings
- 4 = EV Advance
- 5 =
- 6 = Special Event
- 7 = Pretimed Operation
- 8 = Split Ring Operation

Assign 5 Outputs

- (Ped Loadswitch Yellows)
- 1 = Right Turn Overlap
- 2 = TOD Outputs
- 3 = EV Beacon - Steady
- 4 = EV Beacon - Flashing
- 5 = Special Event Outputs
- 6 = Phase 3 & 7 Ped
- 7 = Advanced Warning Sign
- 8 =

Force-Off Adjust	9
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Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type	1
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TBC Transition <C+D+D>

- Transition Type**
- 0 = Shortway
 - Non-zero = Lengthen

IC Select Flags

- 1 =
- 2 = Modem
- 3 = 7-Wire Slave
- 4 = Flash / Free
- 5 =
- 6 = Simplex Master
- 7 = 7-Wire Master
- 8 = Offset Interrupter

Row	F	Row
Free Lag	2 4 6 8	0
Plan 1 - Lag	1 3 6 8	1
Plan 2 - Lag	2 4 6 7	2
Plan 3 - Lag	1 3 6 8	3
Plan 4 - Lag	1 3 6 8	4
Plan 5 - Lag	2 4 6 8	5
Plan 6 - Lag	2 4 6 8	6
Plan 7 - Lag	2 4 6 8	7
Plan 8 - Lag	2 4 6 8	8
Plan 9 - Lag	2 4 6 8	9
Coord Max *		A
Coord Lag *		B
		C
		D
		E
		F

Lag Phases

<C Page>

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	0.0		I-2U	1
2	0.0	0.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	0.0	0.0		I-6U	3
8	0.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	---	---	---	---	---
F	---	---	---	---	---

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		J-1	13
1	0.0	0.0		J-2U	2
2	0.0	0.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	0.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	0.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	---	---	---	---	---
F	---	---	---	---	---

Detector Delay & Carryover <D Page>

Row	9 Green Clear	C Yellow Change	D Red Clear	0 Load- Switch #
A	0.0	0.0	0.0	0
B	0.0	0.0	0.0	0
C	0.0	0.0	0.0	0
D	0.0	0.0	0.0	0

Overlap Timing <F Page>

<D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 -- -- -- --	1234
C	13 14 15 16 17 18 19 20	12345678
D	-- -- -- -- 21 22 23 24	5678
E	-- -- -- -- -- -- -- --	1234
F	-- 25 26 27 28 -- -- --	2345

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row	0 Detector Number
0	
1	System Det. # 1
2	System Det. # 2
3	System Det. # 3
4	System Det. # 4
5	System Det. # 5
6	System Det. # 6
7	System Det. # 7
8	System Det. # 8

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	0	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>
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Dial-Up Telephone Communications (If set to a non-zero value, parity will be disabled)

Column Numbers ---->		Phase							
Row	Phase Names ---->	1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	-----	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 2 <F Page>

Column Numbers ---->		Phase							
Row	Phase Names ---->	1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	-----	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 3 <F Page>

Row	Delay Only ---->	7	8	9	A	B	C	D	E	F
		Time	Dwell	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0	---	---	---	---	---	---	---	---
1		0	0	---	---	---	---	---	---	---
2		0	0	---	---	---	---	---	---	---
3		0	0	---	---	---	---	---	---	---
4		0	0	---	---	---	---	---	---	---
5		0	0	---	---	---	---	---	---	---
6		0	0	---	---	---	---	---	---	---
7		0	0	---	---	---	---	---	---	---
8		0	0	---	---	---	---	---	---	---
9	Limited Service Int. ---->	0	0	---	---	---	---	---	---	---
A		---	0	---	---	---	---	---	---	---
B		0	0	---	---	---	---	---	---	---
C		0	0	---	---	---	---	---	---	---
D		0	0	---	---	---	---	---	---	---
E		0	0	---	---	---	---	---	---	---
F		0	0	---	---	---	---	---	---	---

Special Event Schedule <C Page with F+9+F=22>

<--- Limited Service Interval (Set Dwell = 255)