

Group Assignment: H St
 Field Master Assignment: NONE
 System Reference Number: 80

N/S Street Name: Chester Ave
 E/W Street Name: Brundage Lane

*Orwell 6-26-18
 via mail*

Change Record		By	Date

Drop Number	2	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	83	<C/0+0+3>
QuickNet Channel	COM13	(QuickNet)

Manual Plan	
Manual Offset	

Manual Selection

Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	5.0	<F/1+C+0>

Start / Revert Times

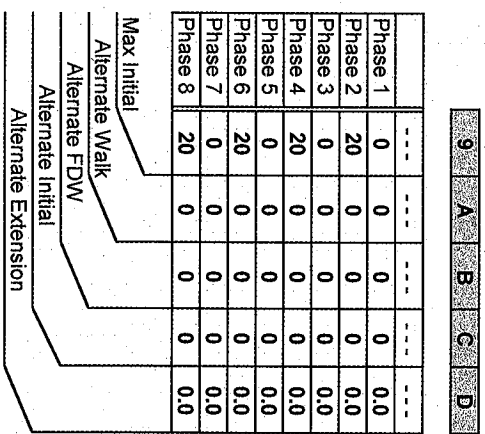
Exclusive Walk	0	<F/1+0+0>
Exclusive FDW	0	<F/1+0+1>
All Red Clear	0.0	<F/1+0+2>

Exclusive Ped Phase

(Outputs specified in Assignable Outputs at E/127+A+E & F)

Row	Phase Names	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	4
1	Ped FDW	0	11	0	19	0	15	0	18
2	Min Green	6	6	6	6	6	6	6	6
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0
6	Max Gap	1.0	4.0	1.0	4.0	1.0	4.0	1.0	4.0
7	Min Gap	1.0	0.2	1.0	0.2	1.0	0.2	1.0	0.2
8	Max Limit	15	30	15	30	15	30	15	30
9	Max Limit 2	30	50	30	40	30	50	30	40
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
D	Reduce Every	1.0	0.5	1.0	0.5	1.0	0.5	1.0	0.5
E	Yellow Change	3.0	3.9	3.0	3.9	3.0	3.9	3.0	3.9
F	Red Clear	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

Phase Timing - Bank 1 <C+0+F=1>



Alternate Timing <C+0+F=1>

Phase	RR-1 Delay	RR-1 Clear	EV-A Delay	EV-A Clear	EV-B Delay	EV-B Clear	EV-C Delay	EV-C Clear	EV-D Delay	EV-D Clear
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	1	0	0	0	0	0	0	0	0	0
A	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0	0	0	0
D	0	0	0	0	0	0	0	0	0	0

Preempt Timing

Phase	Permit	Red Lock	Yellow Lock	Min Recall	Ped Recall	View Set Peds	Rest In Walk	Red Rest	Dual Entry	Max Recall	Soft Recall	Max 2	Cond. Service	Man Cntrl Calls	Yellow Start	First Phases
0	12345678	4	8	7	7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
A	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
B	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
C	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
D	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
E	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
F	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Phase Functions <C+0+F=1>

Row	Overlap Name -->	Overlap							
		1	2	3	4	5	6	7	8
0	Load Switch Number	0	0	0	0	0	0	0	0
1	Veh Set 1 - Phases								
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases								
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments <C+0+E=29>

- Extra 1 Flags
 1 = TBC Type 1
 2 = NEMA Ext. Coord
 3 = Auto Daylight Savings
 4 = Solid FDW on EV
 5 = Extended Status
 6 = International Ped
 7 = Flash - Clear Outputs
 8 = Split Ring

- Extra 2 Flags
 1 = AWB During Initial
 2 = LMU Installed
 3 = Disable Min Walk
 4 = QuickRel4 System
 5 = Ignore P/P on EV
 6 =
 7 = Reserved
 8 =

Row	EV-A	EV-B	EV-C	EV-D	RR-1 *	RR-2 *	SE-1	SE-2
0	0	0	0	0	---	---	0	0
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

Preempt Priority
 <C+0+E=125>
 (* RR-1 is always Highest, and RR-2 is always Second Highest)

Row	Column Numbers -->	Overlap							
		1	2	3	4	5	6	7	8
0	Exclusive Phases								
1	RR-1 Clear Phases								
2	RR-2 Clear Phases								
3	RR-2 Limited Service								
4	Prot / Perm Phases								
5	Flash to PE Circuits								
6	Flash Entry Phases								
7	Disable Yellow Range								
8	Disable Ovp Yel Range								
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 <C+0+E=125>

Row	Column Numbers -->	Overlap							
		1	2	3	4	5	6	7	8
0	Ext. Permit 1 Phases								
1	Ext. Permit 2 Phases								
2	Exclusive Ped Assign								
3	Preempt Non-Lock					12345678			
4	Ped for 2P Output					2			
5	Ped for 6P Output					6			
6	Ped for 8P Output					4			
7	Ped for 8P Output					8			
8	Yellow Flash Phases								
9	Low Priority A Phases								
A	Low Priority B Phases								
B	Low Priority C Phases								
C	Low Priority D Phases								
D	Restricted Phases								
E	Extra 2 Config. Bits					4			
F	Configuration								

Configuration <C+0+E=125>

Row	Column Numbers -->	Overlap							
		1	2	3	4	5	6	7	8
0	Fast Green Flash Phase								
1	Green Flash Phases								
2	Flashing Walk Phases								
3	Guaranteed Passage								
4	Simultaneous Gap Term					12345678			
5	Sequential Timing					2			
6	Advance Walk Phases					6			
7	Delay Walk Phases					4			
8	External Recall					8			
9	Start-up Overlap Green								
A	Max Extension								
B	Inhibit Ped Reservice								
C	Semi-Actuated								
D	Start-up Overlap Yellow								
E	Start-up Vehicle Calls					12345678			
F	Start-up Ped Calls					12345678			

Configuration <C+0+F=2>

Row	Column Numbers -->	Overlap							
		1	2	3	4	5	6	7	8
0	Flash to PE & PE Non-Lock								
1	1 = EV A								
2	2 = EV B								
3	3 = EV C								
4	4 = EV D								
5	5 = RR 1								
6	6 = RR 2								
7	7 = SE 1								
8	8 = SE 2								
9	IC Select Flags								
A	1 = Modern								
B	2 = 7-Wire Slave								
C	3 = Flash / Free								
D	4 = Simplex Master								
E	5 = 7-Wire Master								
F	6 = Offset Interrupter								

Coordination Transition Miniums <C+0+C=5>

Coord Extra
1 = Programmed WALK Time for Sync Phases
2 = Always Terminate Sync Phase Peds

Column Numbers →	1	2	3	4	5	6	7	8	9
Plan Name →									
Cycle Length	82	100	100	100	100	100	100	100	100
Phase 1 - ForceOff	62	70	66	66	70	66	55	55	55
Phase 2 - ForceOff	13	0	0	0	0	0	0	0	0
Phase 3 - ForceOff	26	19	14	14	19	14	20	20	20
Phase 4 - ForceOff	49	55	54	54	55	54	40	40	40
Phase 5 - ForceOff	13	69	68	68	69	68	55	55	55
Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0
Phase 7 - ForceOff	49	22	21	21	22	21	20	20	20
Phase 8 - ForceOff	33	55	54	54	55	54	40	40	40
Ring Offset	0	0	0	0	0	0	0	0	0
Offset 1	26	58	54	56	59	60	0	0	0
Offset 2	0	0	0	0	0	0	0	0	0
Offset 3	0	0	0	0	0	0	0	0	0
Perm 1 - End	1	15	15	15	15	15	15	15	15
Hold Release	255	255	255	255	255	255	255	255	255
Zone Offset	0	0	0	0	0	0	0	0	0

Coordination - Bank 1 <C+0+C=1>

Row\	0	1	2	3	4	5	6	7	8	9
Ped Adjustment	4	0	0	0	0	0	0	0	0	0
Perm 2 - Start	11	0	0	0	0	0	0	0	0	0
Perm 2 - End	15	0	0	0	0	0	0	0	0	0
Perm 3 - Start	0	0	0	0	0	0	0	0	0	0
Perm 3 - End	0	0	0	0	0	0	0	0	0	0
Reservice Time	0	0	0	0	0	0	0	0	0	0
Reservice Phases										
Pretimed Phases										
Max Recall	4									
Perm 1 Veh Phase	5	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 1 Ped Phase		12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 2 Veh Phase	1 34 78									
Perm 2 Ped Phase		4 8								
Perm 3 Veh Phase										
Perm 3 Ped Phase										

Coordination - Bank 2 <C+0+C=2>

Row\	0	1	2	3	4	5	6	7	8	9
Plan 1 - Sync		2	6							
Plan 2 - Sync		2	6							
Plan 3 - Sync		2	6							
Plan 4 - Sync		2	6							
Plan 5 - Sync		2	6							
Plan 6 - Sync		2	6							
Plan 7 - Sync		2	6							
Plan 8 - Sync		2	6							
Plan 9 - Sync		2	6							
NEMA Sync										
NEMA Hold										
Coord Extra										

Sync Phases <C+0+C=1>

Row\	0	1	2	3	4	5	6	7	8	9
Free Lag		2	4	6	8					
Plan 1 - Lag		2	4	6	8					
Plan 2 - Lag		2	4	6	8					
Plan 3 - Lag		2	4	6	8					
Plan 4 - Lag		2	4	6	8					
Plan 5 - Lag		2	4	6	8					
Plan 6 - Lag		2	4	6	8					
Plan 7 - Lag		2	4	6	8					
Plan 8 - Lag		2	4	6	8					
Plan 9 - Lag		2	4	6	8					
External Lag										

Lag Phases <C+0+C=1>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Pretimed	0	Set Monday	0	Dial 2 (7-wire)	0	Sim Term	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-wire)	0	EV-A	71
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-wire)	0	EV-B	72
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Dimming	0	Offset 2 (7-wire)	0	EV-C	73
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4	0	Set Clock	0	Offset 3 (7-wire)	0	EV-D	74
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5	0	Stop Time	82	Free (7-wire)	0	RR-1	51
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6	0	Flash Sense	81	Flash (7-wire)	0	RR-2	52
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Omit	0	Spec. Event 1	0
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	0
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	0
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	0	OR-2 (a)	0	AND-2 (a)	0
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0

Assignable Inputs

<C+0+E=126>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Phase ON - 1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	0	Dial 2 (7-wire)	0
1	Phase ON - 2	0	Sp Evt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-wire)	0
2	Phase ON - 3	0	Sp Evt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-wire)	0
3	Phase ON - 4	0	Sp Evt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-wire)	0
4	Phase ON - 5	0	Sp Evt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	0	TOD Out 5	0	Offset 3 (7-wire)	0
5	Phase ON - 6	0	Sp Evt Out 5	0		0	Plan 5	0	AND-2	0	TOD Out 6	0	Free (7-wire)	0
6	Phase ON - 7	0	Sp Evt Out 6	0		0	Plan 6	0	AND-3	0	TOD Out 7	0	Flash (7-wire)	0
7	Phase ON - 8	0	Sp Evt Out 7	0		0	Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0
8	Ph. Check - 1	0	Sp Evt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warn - 1	0	Low Priority A	0
9	Ph. Check - 2	0		0	NOT-4	0	Plan 9	0	EV-B	0	Adv. Warn - 2	0	Low Priority B	0
A	Ph. Check - 3	0	Detector Fail	0	OR-4	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0
B	Ph. Check - 4	0	Spec. Funct. 1	0	OR-5	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0
C	Ph. Check - 5	0	Spec. Funct. 2	0	OR-6	0	NAND-3	0	RR-1	0	DELAY-C	0		
D	Ph. Check - 6	0	Central Control	0	AND-4	0	NAND-4	0	RR-2	0	DELAY-D	0		
E	Ph. Check - 7	0	Excl. Ped DW	0	NAND-1	0	OR-7	0	Spec. Event 1	0	DELAY-E	0		
F	Ph. Check - 8	0	Excl. Ped WK	0	NAND-2	0	OR-8	0	Spec. Event 2	0	DELAY-F	0		

Assignable Outputs

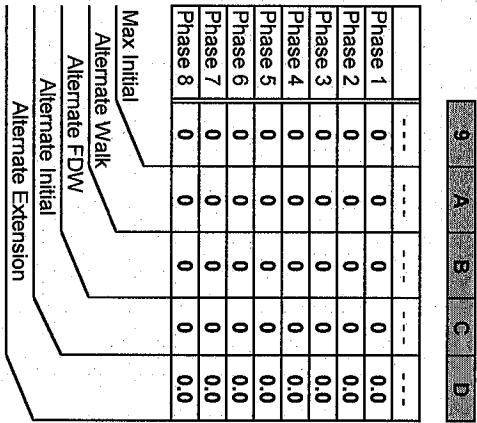
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Row	Phase								
	1	2	3	4	5	6	7	8	
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	4	7	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Adv. / Delay Walk	30	50	30	40	30	50	30	40
A	PE Min Ped FDW	0	0	0	0	0	0	0	0
B	Cond Serv Check	7	7	7	7	7	7	7	7
C	Reduce Every	10	10	10	10	10	10	10	10
D	Yellow Change	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	3.0	3.0	4.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

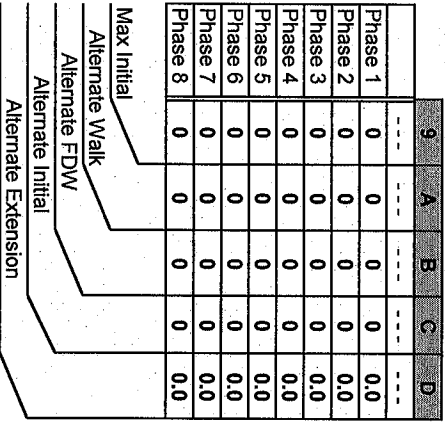
Phase Timing - Bank 2 <C+0+F=2>

Row	Phase								
	1	2	3	4	5	6	7	8	
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	4	7	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Max Limit 2	30	50	30	40	30	50	30	40
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
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	3.0	3.0	4.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 3 <C+0+F=3>



Alternate Timing



Alternate Timing

Transition Type
 0 X = Shortway
 1 X = Lengthen
 X 1 thru X 4 = Number of cycles when lengthening

Transition Type	1.3	<C/5+1+9>
TBC Transition		
Lag Hold Phases		<C/5+1+A>
Coordinated Lag Hold Phases		
Sync Output Time	0.0	<C/5+1+C>
7-Wire Master		

Daylight Savings
 Date
 If set to all zeros, standard dates will be used.

Begin Month	4	<C/5+2+A>
Begin Week	1	<C/5+2+B>
End Month	10	<C/5+2+C>
End Week	5	<C/5+2+D>
Daylight Savings Time		

Time B4 Yellow	0.0	<F/1+C+E>
Phase Number	0	<F/1+C+F>
Advance Warning Beacon - Sign 1		
Time B4 Yellow	0.0	<F/1+D+E>
Phase Number	0	<F/1+D+F>
Advance Warning Beacon - Sign 2		
Long Failure	0.7	<F/1+0+6>
Short Failure	0.7	<F/1+0+7>
Power Cycle Correction		(Default = 0.7)

Row	Detector Name	Column Numbers ->			C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
		0	1	2						
0					39	45 7	2	123	0.0	0.0
1					40	45 7	6	123	0.0	0.0
2					41	45 7	4	123	0.0	0.0
3					42	45 7	8	123	0.0	0.0
4					43	45 7	2	123	0.0	0.0
5					44	45 7	6	123	0.0	0.0
6					45	45 7	4	123	0.0	0.0
7					46	45 7	8	123	0.0	0.0
8					47	67	2	123	0.0	0.0
9					48	67	6	123	0.0	0.0
A					49	67	4	123	0.0	0.0
B					50	67	8	123	0.0	0.0
C					55	45 7	5	123	0.0	0.0
D					56	45 7	1	123	0.0	0.0
E					57	45 7	7	123	0.0	0.0
F					58	45 7	3	123	0.0	0.0

Row	Detector Name	Column Numbers ->			C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
		4	5	6						
0					59	45 7	5	123	0.0	0.0
1					60	45 7	1	123	0.0	0.0
2					61	45 7	7	123	0.0	0.0
3					62	45 7	3	123	0.0	0.0
4					63	45 7	2	123	0.0	2.0
5					64	45 7	6	123	0.0	2.0
6					65	45 7	4	123	0.0	2.0
7					66	45 7	8	123	0.0	2.0
8					67	2	2	123	0.0	0.0
9					68	2	6	123	0.0	0.0
A					69	2	4	123	0.0	0.0
B					70	2	8	123	0.0	0.0
C					76	45 7	2	123	0.0	0.0
D					77	45 7	6	123	0.0	0.0
E					78	45 7	4	123	0.0	0.0
F					79	45 7	8	123	0.0	0.0

Detector Assignments <C+0+E=126>

<C+0+D=0>

Detector Attributes
 1 = Full Time Delay
 2 = Ped Call
 3 =
 4 = Count
 5 = Extension
 6 = Type 3
 7 = Calling
 8 = Alternate

Det. Assignments
 1 = Det. Set 1
 2 = Det. Set 2
 3 = Det. Set 3
 4 =
 5 =
 6 = Failure - Min Recall
 7 = Failure - Max Recall
 8 = Report on Failure

Row	Column Numbers ->	Ped / Phase / Overlap							
		1	2	3	4	5	6	7	8
0	Walk	0	0	0	0	0	0	0	0
1	Dort Walk	0	0	0	0	0	0	0	0
2	Phase Green	0	0	0	0	0	0	0	0
3	Phase Yellow	0	0	0	0	0	0	0	0
4	Phase Red	0	0	0	0	0	0	0	0
5	Overlap Green	0	0	0	0	0	0	0	0
6	Overlap Yellow	0	0	0	0	0	0	0	0
7	Overlap Red	0	0	0	0	0	0	0	0

Redirect Phase Outputs <C+0+E=127>

Row	Cabinet Type	Enable Redirection	Max OFF (minutes)	Max ON (minutes)	Output Port 1	Output Port 2	Output Port 3	Output Port 4	Output Port 5	Output Port 6	Output Port 7
0	0	<E/125+D+0>	20	<D/0+0+1>							
1		(Enable Redirection = 30)	7	<D/0+0+2>							

Detector Failure Monitor

Dimming <C+0+E=125>

Row	Number of Digits	D	B	A
0	1 st Digit	0		
1	2 ed Digit	0		
2	3 ed Digit	0		
3	4 th Digit	0		
4	5 th Digit	0		
5	6 th Digit	0		
6	7 th Digit	0		
7	8 th Digit	0		
8	9 th Digit	0		
9	10 th Digit	0		
A	11 th Digit	0		
B	12 th Digit	0		
C	13 th Digit	0		
D	14 th Digit	0		
E	15 th Digit	0		

Disable Alarms
 1 = Stop Time
 2 = Flash Sense
 3 = Keyboard Entry
 4 = Manual Plan
 5 = Police Control
 6 = External Alarm
 7 = Detector Failure
 8 =

Delay Logic Times
 <C+0+D=0> (seconds)

Omit Alarm <C/5+F+0>
 Disable Alarm Reporting

Redial Time (minutes)
 Time 10 <C/5+C+0>
 (View Redial Timer at E/2+D+6)

Dial-Back Telephone Number
 <C+0+C=5>

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 1

<C+0+E=27>

Notes:

0 <E/27+5+F>

Limited Service Interval

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 2

<C+0+E=28>

Notes:

0 <E/28+5+F>

Limited Service Interval

Min Time (seconds) <F/1+0+8>
Min Green Before PE Force Off

Max Time (minutes) <F/1+0+9>
Max Preempt Time Before Failure

Min Time (seconds) <F/1+0+A>
Min Time Between Same Preempts
 (Does Not Apply To Railroad Preempt)

Low Pri. Channel
Disable Low Priority Channel

- Low Priority
 1 = Channel A
 2 = Channel B
 3 = Channel C
 4 = Channel D

Delay Time (seconds) <F/1+A+D>
Bus Delay

Max Time (seconds) <F/1+A+E>
Max Early Green

Max Time (seconds) <F/1+A+F>
Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

Headway <C+0+9=2.1>

Headway Time
 (minutes)
 1 thru 9 = 1 thru 9
 A = 10
 B = 11
 C = 12
 D = 13
 E = 14
 F = 15

Low Priority Preemption (Bus Priority)
 Only available with Program 233RV2.B (and above)
 Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

Group Assignment: NONE
 Field Master Assignment: NONE
 System Reference Number: 181

N/S Street Name: Oswell St.
 EWV Street Name: Bernard St.

Change Record			
Change	By	Date	Change

Notes:

- 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

Drop Number	5	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	174	<C/0+0+3>
QuickNet Channel	P-8003:10.21.20	(QuickNet)

Manual Plan	
Manual Offset	

Manual Selection

Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	5.0	<F/1+C+0>

Start / Revert Times

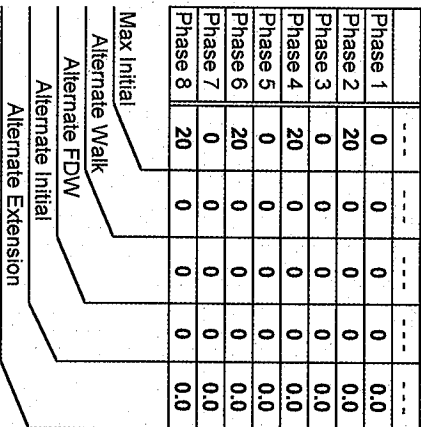
Exclusive Walk	0	<F/1+0+0>
Exclusive FDW	0	<F/1+0+1>
All Red Clear	0.0	<F/1+0+2>

Exclusive Ped Phase

(Outputs specified in Assignable Outputs at E/1Z/A+E & F)

Row	Phase Numbers →	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	11	0	16	0	14	0	17
2	Min Green	6	10	6	6	6	10	6	6
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	1.0	2.0	1.5	2.0	1.0	2.0	1.0	2.0
6	Max Gap	1.0	4.0	1.5	4.0	1.0	4.0	1.0	4.0
7	Min Gap	1.0	0.2	1.5	0.2	1.0	0.2	1.0	0.2
8	Max Limit	18	36	18	26	18	36	18	26
9	Max Limit 2	0	0	0	0	0	0	0	0
A	Adv / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	0	0	0	0	0	0	0	0
C	Cond Serv Check	0	0	0	0	0	0	0	0
D	Reduce Every	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5
E	Yellow Change	3.0	3.6	3.0	4.3	3.0	3.6	3.0	4.3
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 1 <C+0+F=1>



Alternate Timing <C+0+F=1>

Row	Phase	1	2	3	4	5	6	7	8
RR-1 Delay	0								
RR-1 Clear	0								
EV-A Delay	0								
EV-A Clear	0								
EV-B Delay	0								
EV-B Clear	0								
EV-C Delay	0								
EV-C Clear	0								
EV-D Delay	0								
EV-D Clear	0								
RR-2 Delay	0								
RR-2 Clear	0								
View EV Delay									
View EV Clear									
View RR Delay									
View RR Clear									

Preempt Timing

Row	Phase	1	2	3	4	5	6
Permit	12345678						
Red Lock							
Yellow Lock							
Min Recall							
Ped Recall							
View Set Peds							
Rest In Walk							
Red Rest							
Dual Entry							
Max Recall							
Soft Recall							
Max 2							
Cond. Service							
Man Cntrl Calls							
Yellow Start							
First Phases							

Phase Functions <C+0+F=1>

Row	Column Numbers -->	1	2	3	4	5	6	7	8
	Overlap Name -->								
0	Load Switch Number	0	0	0	0	0	0	0	0
1	Veh Set 1 - Phases								
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases								
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments <C+0+E=29>

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	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	
8	Disable Ovp Yel Range	
9	Overlap Yellow Flash	
A	EVA 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 <C+0+E=125>

Row	Column Numbers -->	F
	Ext. Permit 1 Phases	
	Ext. Permit 2 Phases	
	Exclusive Ped Assign	
	Preempt Non-Lock	12345678
	Ped for 2P Output	2
	Ped for 6P Output	6
	Ped for 4P Output	4
	Ped for 8P Output	8
	Yellow Flash Phases	
	Low Priority A Phases	
	Low Priority B Phases	
	Low Priority C Phases	
	Low Priority D Phases	
	Restricted Phases	
	Extra 2 Config. Bits	

Configuration <C+0+E=125>

Row	Column Numbers -->	F
	Fast Green Flash Phase	
	Green Flash Phases	
	Flashing Walk Phases	
	Guaranteed Passage	
	Simultaneous Gap Term	12345678
	Sequential Timing	
	Advance Walk Phases	
	Delay Walk Phases	
	External Recall	
	Start-up Overlap Green	
	Max Extension	
	Inhibit Ped Reservice	
	Semi-Actuated	
	Start-up Overlap Yellow	
	Start-up Vehicle Calls	12345678
	Start-up Ped Calls	12345678

Specials <C+0+F=2>

- Extra 1 Flags
 1 = TBC Type 1
 2 = NEMA Ext. Coord
 3 = Auto Daylight Savings
 4 = Solid FDW on EV
 5 = Extended Status
 6 = International Ped
 7 = Flash - Clear Outputs
 8 = Split Ring

- Extra 2 Flags
 1 = AWB During Initial
 2 = LLMU Installed
 3 = Disable Min Walk
 4 = QuickNet4 System
 5 = Ignore P/P on EV
 6 =
 7 = Reserved
 8 =

Row	Column Numbers -->	C
0	EV-A	0
1	EV-B	0
2	EV-C	0
3	EV-D	0
4	RR-1*	---
5	RR-2*	---
6	SE-1	0
7	SE-2	0

Preempt Priority

<C+0+E=125>
 (* RR-1 is always Highest, and RR-2 is always Second Highest)

Row	Column Numbers -->	2
0	Phase 1	10
1	Phase 2	10
2	Phase 3	10
3	Phase 4	10
4	Phase 5	10
5	Phase 6	10
6	Phase 7	10
7	Phase 8	10

Coordination Transition Minimums <C+0+C=5>

- IC Select Flags
 1 =
 2 = Modern
 3 = 7-Wire Slave
 4 = Flash / Free
 5 =
 6 = Simplex Master
 7 = 7-Wire Master
 8 = Offset Interrupter

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

INTERSECTION: Bernard & Oswell 1014

Coord Extra

1 = Programmed WALK Time for Sync Phases
2 = Always/Terminate Sync Phase Peds

Column Numbers →	1	2	3	4	5	6	7	8	9
Plan Name →									
Cycle Length	112	92	94	92	100	100	100	100	100
Phase 1 - ForceOff	14	14	13	14	55	55	55	55	55
Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0
Phase 3 - ForceOff	27	60	57	60	20	20	20	20	20
Phase 4 - ForceOff	61	47	42	47	40	40	40	40	40
Phase 5 - ForceOff	82	74	69	74	55	55	55	55	55
Phase 6 - ForceOff	14	14	13	14	0	0	0	0	0
Phase 7 - ForceOff	61	60	57	60	20	20	20	20	20
Phase 8 - ForceOff	42	43	42	43	40	40	40	40	40
Ring Offset	0	0	0	0	0	0	0	0	0
Offset 1	3	84	3	84	0	0	0	0	0
Offset 2	0	0	0	0	0	0	0	0	0
Offset 3	0	0	0	0	0	0	0	0	0
Perm 1 - End	3	0	2	0	15	15	15	15	15
Hold Release	255	255	255	255	255	255	255	255	255
Zone Offset	0	0	0	0	0	0	0	0	0

Coordination - Bank 1

<C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Ped Adjustment	0	0	0	0	0	0	0	0	0	0
Perm 2 - Start	12	12	11	12	0	0	0	0	0	0
Perm 2 - End	16	16	15	16	0	0	0	0	0	0
Perm 3 - Start	0	0	0	0	0	0	0	0	0	0
Perm 3 - End	0	0	0	0	0	0	0	0	0	0
Reservice Time	0	0	0	0	0	0	0	0	0	0
Reservice Phases										
Pretimed Phases										
Max Recall										
Perm 1 Veh Phase	1	1	1	1	12345678	12345678	12345678	12345678	12345678	12345678
Perm 2 Veh Phase	345 78	345 78	345 78	345 78	12345678	12345678	12345678	12345678	12345678	12345678
Perm 3 Veh Phase	4 8	4 8	4 8	4 8						
Perm 3 Ped Phase										

Coordination - Bank 2

<C+0+C=2>

Row	0	1	2	3	4	5	6	7	8	9
Plan 1 - Sync	2	6								
Plan 2 - Sync	2	6								
Plan 3 - Sync	2	6								
Plan 4 - Sync	2	6								
Plan 5 - Sync	2	6								
Plan 6 - Sync	2	6								
Plan 7 - Sync	2	6								
Plan 8 - Sync	2	6								
Plan 9 - Sync	2	6								
NEMA Sync										
NEMA Hold										
Coord Extra										

Sync Phases

<C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Free Lag	2	4	6	8						
Plan 1 - Lag	1	4	6	7						
Plan 2 - Lag	1	3	6	7						
Plan 3 - Lag	1	3	6	7						
Plan 4 - Lag	1	3	6	7						
Plan 5 - Lag	2	4	6	8						
Plan 6 - Lag	2	4	6	8						
Plan 7 - Lag	2	4	6	8						
Plan 8 - Lag	2	4	6	8						
Plan 9 - Lag	2	4	6	8						
External Lag										

Lag Phases

<C+0+C=1>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Prelimed	0	Set Monday	0	Dial 2 (7-wire)	0	Sim Term	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-wire)	0	EV-A	71
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-wire)	0	EV-B	72
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Dimming	0	Offset 2 (7-wire)	0	EV-C	73
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4	0	Set Clock	0	Offset 3 (7-wire)	0	EV-D	74
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5	0	Stop Time	82	Free (7-wire)	0	RR-1	51
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6	0	Flash Sense	81	Flash (7-wire)	0	RR-2	52
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Omit	0	Spec. Event 1	0
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	0
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	0
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	0	OR-2 (a)	0	AND-2 (a)	0
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0

Assignable Inputs

<C+0+E=126>

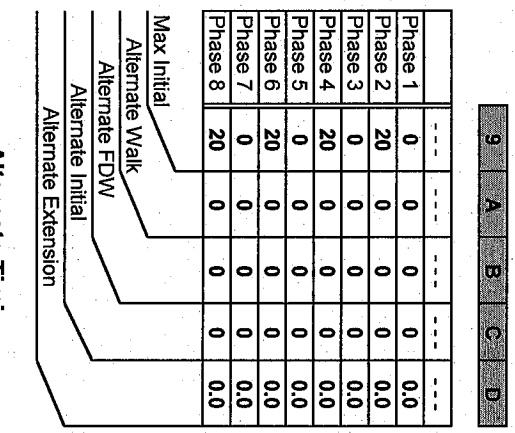
Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Phase ON - 1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	0	Dial 2 (7-wire)	0
1	Phase ON - 2	0	Sp Evt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-wire)	0
2	Phase ON - 3	0	Sp Evt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-wire)	0
3	Phase ON - 4	0	Sp Evt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-wire)	0
4	Phase ON - 5	0	Sp Evt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	0	TOD Out 5	0	Offset 3 (7-wire)	0
5	Phase ON - 6	0	Sp Evt Out 5	0		0	Plan 5	0	AND-2	0	TOD Out 6	0	Free (7-wire)	0
6	Phase ON - 7	0	Sp Evt Out 6	0		0	Plan 6	0	AND-3	0	TOD Out 7	0	Flash (7-wire)	0
7	Phase ON - 8	0	Sp Evt Out 7	0		0	Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0
8	Ph. Check - 1	0	Sp Evt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warn - 1	0	Low Priority A	0
9	Ph. Check - 2	0		0	NOT-4	0	Plan 9	0	EV-B	0	Adv. Warn - 2	0	Low Priority B	0
A	Ph. Check - 3	0	Detector Fail	0	OR-4	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0
B	Ph. Check - 4	0	Spec. Funct. 1	0	OR-5	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0
C	Ph. Check - 5	0	Spec. Funct. 2	0	OR-6	0	NAND-3	0	RR-1	0	DELAY-C	0		
D	Ph. Check - 6	0	Central Control	0	AND-4	0	NAND-4	0	RR-2	0	DELAY-D	0		
E	Ph. Check - 7	0	Excl. Ped DW	0	NAND-1	0	OR-7	0	Spec. Event 1	0	DELAY-E	0		
F	Ph. Check - 8	0	Excl. Ped WK	0	NAND-2	0	OR-8	0	Spec. Event 2	0	DELAY-F	0		

Assignable Outputs

<C+0+E=127>

Row	Column Names →	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	4	7	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Adv. / Delay Walk	0	0	0	0	0	0	0	0
A	PE Min Ped FDW	7	7	7	7	7	7	7	7
B	Cond Serv Check	10	10	10	10	10	10	10	10
C	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
D	Yellow Change	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0
E	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

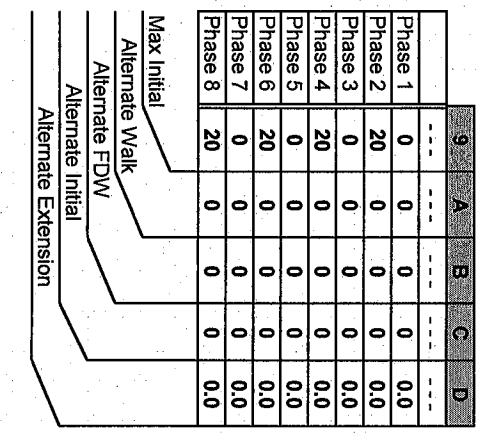
Phase Timing - Bank 2 <C+0+F=2>



Alternate Timing

Row	Column Names →	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	4	7	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Adv. / Delay Walk	0	0	0	0	0	0	0	0
A	PE Min Ped FDW	7	7	7	7	7	7	7	7
B	Cond Serv Check	10	10	10	10	10	10	10	10
C	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
D	Yellow Change	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0
E	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 3 <C+0+F=3>



Alternate Timing

Transition Type
 0 X = Shortway
 1 X = Lengthen
 X,1 thru X,4 = Number of cycles when lengthening

Transition Type	0.3	<C/5+1+G>
TBC Transition		
Lag Hold Phases		<C/5+1+A>
Coordinated Lag Hold Phases		
Sync Output Time	0.0	<C/5+1+C>

Daylight Savings
 Date
 If set to all zeros, standard dates will be used.

7-Wire Master		
Begin Month	4	<C/5+2+A>
Begin Week	1	<C/5+2+B>
End Month	10	<C/5+2+C>
End Week	5	<C/5+2+D>
Daylight Savings Time		

Time B4 Yellow	0.0	<F/1+C+E>
Phase Number	0	<F/1+C+F>
Advance Warning Beacon - Sign 1		
Time B4 Yellow	0.0	<F/1+D+E>
Phase Number	0	<F/1+D+F>
Advance Warning Beacon - Sign 2		
Long Failure	0.7	<F/1+0+6>
Short Failure	0.7	<F/1+0+7>
Power Cycle Correction		(Default = 0.7)

Column Numbers ->	0	1	2	3	1	3
Row						
Detector Name						
C1 Pin Number	39	45 7	2	123	Delay	2.5
	40	45 7	6	123	Carry-over	2.5
	41	45 7	4	123		2.0
	42	45 7	8	123		2.0
	43	45 7	2	123		0.0
	44	45 7	6	123		0.0
	45	45 7	4	123		10.0
	46	45 7	8	123		10.0
	47	67	2	123		0.0
	48	67	6	123		0.0
	49	67	4	123		0.0
	50	67	8	123		0.0
	55	45 7	5	123		0.0
	56	45 7	1	123		0.0
	57	45 7	7	123		0.0
	58	45 7	3	123		0.0

Column Numbers ->	1	2	3	4	5	6	7	8
Row								
Walk	0	0	0	0	0	0	0	0
Don't Walk	0	0	0	0	0	0	0	0
Phase Green	0	0	0	0	0	0	0	0
Phase Yellow	0	0	0	0	0	0	0	0
Phase Red	0	0	0	0	0	0	0	0
Overlap Green	0	0	0	0	0	0	0	0
Overlap Yellow	0	0	0	0	0	0	0	0
Overlap Red	0	0	0	0	0	0	0	0

Redirect Phase Outputs <C+0+E=127>

Cabinet Type	0	<E/125+D+0>
Enable Redirection (Enable Redirection = 30)		
Output Port 1		
Output Port 2		
Output Port 3		
Output Port 4		
Output Port 5		
Output Port 6		
Output Port 7		

Max OFF (minutes)	20	<D/0+0+1>
Max ON (minutes)	7	<D/0+0+2>

Dimming <C+0+E=125>

Row	A	B
1	DELAY-A	0
2	DELAY-B	0
3	DELAY-C	0
4	DELAY-D	0
5	DELAY-E	0
6	DELAY-F	0

Delay Logic Times <C+0+D=0> (seconds)

Ornit Alarm <C/5+F+0>

Disable Alarm Reporting

Redial Time (minutes) <C/5+C+0>

(View Redial Timer at E/2+D+6)

Number of Digits	0	D
1st Digit	0	
2nd Digit	0	
3rd Digit	0	
4th Digit	0	
5th Digit	0	
6th Digit	0	
7th Digit	0	
8th Digit	0	
9th Digit	0	
10th Digit	0	
11th Digit	0	
12th Digit	0	
13th Digit	0	
14th Digit	0	
15th Digit	0	

Dial-Back Telephone Number <C+0+C=5>

Detector Attributes

1 = Full Time Delay
 2 = Ped Call
 3 =
 4 = Count
 5 = Extension
 6 = Type 3
 7 = Calling
 8 = Alternate

Det. Assignments

1 = Det. Set 1
 2 = Det. Set 2
 3 = Det. Set 3
 4 =
 5 =
 6 = Failure - Min Recall
 7 = Failure - Max Recall
 8 = Report on Failure

Row	0	1	2	3	4
Detector Name					
C1 Pin Number	59	45 7	5	123	Delay
	60	45 7	1	123	Carry-over
	61	45 7	7	123	
	62	45 7	3	123	
	63	45 7	2	123	
	64	45 7	6	123	
	65	45 7	4	123	
	66	45 7	8	123	
	67	2	2	123	
	68	2	6	123	
	69	2	4	123	
	70	2	8	123	
	76	45 7	2	123	
	77	45 7	6	123	
	78	45 7	4	123	
	79	45 7	8	123	

Detector Assignments <C+0+E=126>

<C+0+D=0>

Row	Time	Plan	Offset	Day of Week
0	07:15	1	A	23456
1	08:15	4	A	23456
2	14:45	3	A	23456
3	18:15	4	A	23456
4	19:30	E	A	1234567
5	10:00	4	A	1 7
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0.1> (Bank 1)

Time	Funct.	Day of Week	Column 4 Phrases/Bits
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		

TOD Function <C+0+7=0.1> (Bank 1)

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1.1> (Bank 1)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1.1> (Bank 1)

Row	Time	Plan	Offset	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0.2> (Bank 2)

Time	Funct.	Holiday Type	Column 4 Phrases/Bits
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		

Holiday Function <C+0+7=0.2> (Bank 2)

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1.2> (Bank 2)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1.2> (Bank 2)

T.O.D. Functions

- 0 =
 - 1 = Red Lock
 - 2 = Yellow Lock
 - 3 = Veh Min Recall
 - 4 = Red Recall
 - 5 =
 - 6 = Rest In Walk
 - 7 = Red Rest
 - 8 = Double Entry
 - 9 = Veh Max Recall
 - A = Veh Soft Recall
 - B = Maximum 2
 - C = Conditional Service
 - D = Free Lag Phases
 - E = Bit 1 - Local Override
 - Bit 4 - Disable Detector
 - OFF Monitor
 - Bit 5 - Disable Low
 - Priority Preempt
 - Bit 7 - Detector Count
 - Monitor
 - Bit 8 - Real Time Split
 - Monitor
 - F = Output Bits 1 thru 8
- Plan Select
- 1 thru 9 = Coordination
 - Plan 1 thru 9
 - 14 or E = Free
 - 15 or F = Flash
- Offset Select
- A = Offset A
 - B = Offset B
 - C = Offset C
- Month Select
- 1 = January
 - 2 = February
 - 3 = March
 - 4 = April
 - 5 = May
 - 6 = June
 - 7 = July
 - 8 = August
 - 9 = September
 - A = October
 - B = November
 - C = December

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 1

<C+0+E=27>

Notes:

0 <E/27+5+F>
Limited Service Interval

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 2

<C+0+E=28>

Notes:

0 <E/28+5+F>
Limited Service Interval

Min Time (seconds) <F/1+0+8>

Min Green Before PE Force Off

Max Time (minutes) <F/1+0+9>

Max Preempt Time Before Failure

Min Time (seconds) <F/1+0+A>

Min Time Between Same Preempts
(Does Not Apply To Railroad Preempt)

Low Pri. Channel <E/125+C+8>

Disable Low Priority Channel

- Low Priority
 1 = Channel A
 2 = Channel B
 3 = Channel C
 4 = Channel D

Delay Time (seconds) <F/1++A+D>

Bus Delay

Max Time (seconds) <F/1++A+E>

Max Early Green

Max Time (seconds) <F/1++A+F>

Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

Headway <C+0+9=2.1>

Headway Time
 (minutes)
 1 thru 9 = 1 thru 9
 A = 10
 B = 11
 C = 12
 D = 13
 E = 14
 F = 15

Low Priority Preemption (Bus Priority)

Only available with Program 233RV2.B (and above)
 Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

Group Assignment: NONE
 Field Master Assignment: NONE
 System Reference Number: 49

N/S Street Name: Coffee Road
 E/W Street Name: Truxtun Ave

Change Record			
Change	By	Date	Change

Drop Number	14	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	49	<C/0+0+3>
QuickNet Channel	P-8005:10.21.20	(QuickNet)

Manual Selection		
Manual Plan	Manual Offset	

Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	5.0	<F/1+C+0>

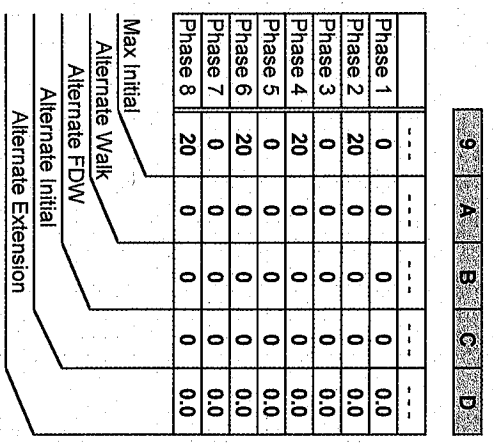
Exclusive Walk	0	<F/1+0+0>
Exclusive FDW	0	<F/1+0+1>
All Red Clear	0.0	<F/1+0+2>

Notes:
 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

Exclusive Ped Phase
 (Outputs specified in Assignable
 Outputs at E/127+A+E & F)

Row	Column Numbers →	Phase							
		1	2	3	4	5	6	7	8
0	Phase Names →								
1	Ped Walk	0	7	0	4	0	0	0	7
2	Ped FDW	0	16	0	21	0	0	0	15
3	Min Green	7	10	4	6	4	10	4	4
4	Type 3 Disconnect	0	20	0	20	0	20	0	20
5	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
6	Veh Extension	1.5	2.0	2.0	1.5	2.0	2.0	2.0	2.5
7	Max Gap	1.5	4.0	3.0	1.5	3.0	4.0	3.0	3.0
8	Min Gap	1.5	0.2	0.5	1.5	0.5	0.2	0.5	1.5
9	Max Limit	35	40	20	45	20	40	20	25
A	Max Limit 2	35	50	30	30	50	30	30	40
B	Adv. / Delay Walk	0	8	0	0	0	0	0	0
C	PE Min Ped FDW	7	7	7	7	7	7	7	7
D	Cond Serv Check	10	10	10	10	10	10	10	10
E	Reduce Every	1.0	0.5	1.0	0.5	1.0	0.5	1.0	1.0
F	Yellow Change	3.5	5.0	3.0	5.0	3.0	5.0	3.0	3.0
	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 1 <C+0+F=1>



Alternate Timing <C+0+F=1>

	9	A	B	C	D	E
RR-1 Delay	0					
RR-1 Clear	0					
EVA Delay	0					
EVA Clear	0					
EVB Delay	0					
EVB Clear	0					
EVC Delay	0					
EVC Clear	0					
EVD Delay	0					
EVD Clear	0					
RR-2 Delay	0					
RR-2 Clear	0					
View EV Delay						
View EV Clear						
View RR Delay						
View RR Clear						

	F	Row
Permit	12 4 6	0
Red Lock		1
Yellow Lock		2
Min Recall	2 6	3
Ped Recall		4
View Set Peds		5
Rest In Walk		6
Red Rest		7
Dual Entry		8
Max Recall		9
Soft Recall		A
Max 2		B
Cond. Service		C
Man Cntrl Calls		D
Yellow Start	4	E
First Phases	2 6	F

Phase Functions <C+0+F=1>

J
 26/18

Row	Overlap Name	1	2	3	4	5	6	7	8
0	Load Switch Number	5	7	0	0	0	0	0	0
1	Veh Set 1 - Phases	2 4	1 4						
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases	1	2						
5	Neg Ped Phases	2	4						
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments <C+0+E=29>

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	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	
8	Disable Ovp Yel Range	
9	Overlap Yellow Flash	
A	EV-A Phases	2 5
B	EV-B Phases	4
C	EV-C Phases	1 6
D	EV-D Phases	
E	Extra 1 Config Bits	1 3 5
F	IC Select (Interconnect)	2

Row	Configuration	F
0	Ext. Permit 1 Phases	
1	Ext. Permit 2 Phases	
2	Exclusive Ped Assign	
3	Preempt Non-Lock	12345678
4	Ped for 2P Output	2
5	Ped for 4P Output	6
6	Ped for 6P Output	4
7	Ped for 8P Output	
8	Yellow Flash Phases	
9	Low Priority A Phases	
A	Low Priority B Phases	
B	Low Priority C Phases	
C	Low Priority D Phases	
D	Restricted Phases	
E	Extra 2 Config. Bits	4
F	Configuration	<C+0+E=125>

Row	Configuration	F
0	Fast Green Flash Phase	
1	Green Flash Phases	
2	Flashing Walk Phases	
3	Guaranteed Passage	
4	Simultaneous Gap Term	
5	Sequential Timing	
6	Advance Walk Phases	2
7	Delay Walk Phases	
8	External Recall	
9	Start-up Overlap Green	
A	Max Extension	
B	Inhibit Ped Reserve/ice	
C	Semi-Actuated	
D	Start-up Overlap Yellow	
E	Start-up Vehicle Calls	12345678
F	Start-up Ped Calls	12345678
	Specials	<C+0+F=2>

Row	Phase	2
0	Phase 1	10
1	Phase 2	10
2	Phase 3	10
3	Phase 4	10
4	Phase 5	10
5	Phase 6	10
6	Phase 7	10
7	Phase 8	10
8	Phase 9	10
9	Phase 10	10
A	Phase 11	10
B	Phase 12	10
C	Phase 13	10
D	Phase 14	10
E	Phase 15	10
F	Phase 16	10

Extra 1 Flags
 1 = TBC Type 1
 2 = NEMA Ext. Coord
 3 = Auto Daylight Savings
 4 = Solid F/W on EV
 5 = Extended Status
 6 = International Ped
 7 = Flash - Clear Outputs
 8 = Split Ring

Extra 2 Flags
 1 = AWB During Initial
 2 = LMU Installed
 3 = Disable Min Walk
 4 = QuickNet/4 System
 5 = Ignore P/P on EV
 6 =
 7 = Reserved
 8 =

Priority
 <C+0+E=125>
 * RR-1 is always Highest, and RR-2 is always Second Highest)

Coordination Transition Minimums
 <C+0+C=5>

INTERSECTION: COFFEE & TRUXTUN 2205

Coord Extra

1 = Programmed WALK Time for Sync Phases
2 = Always Terminate Sync Phase Peds

Column Numbers →	1	2	3	4	5	6	7	8	9
Plan Name →									
Cycle Length	108	100	108	100	100	100	100	100	100
Phase 1 - ForceOff	42	27	65	27	55	55	55	55	55
Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0
Phase 3 - ForceOff	20	20	20	20	20	20	20	20	20
Phase 4 - ForceOff	66	57	44	63	40	40	40	40	40
Phase 5 - ForceOff	55	55	55	55	55	55	55	55	55
Phase 6 - ForceOff	42	27	0	27	0	0	0	0	0
Phase 7 - ForceOff	20	20	20	20	20	20	20	20	20
Phase 8 - ForceOff	40	40	40	40	40	40	40	40	40
Ring Offset	0	0	0	0	0	0	0	0	0
Offset 1	47	0	28	0	0	0	0	0	0
Offset 2	0	0	0	0	0	0	0	0	0
Offset 3	0	0	0	0	0	0	0	0	0
Perm 1 - End	10	8	0	8	15	15	15	15	15
Hold Release	255	255	255	255	255	255	255	255	255
Zone Offset	0	0	0	0	0	0	0	0	0

Coordination - Bank 1 <C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Plan 1 - Sync		2	6							
Plan 2 - Sync		2	6							
Plan 3 - Sync		2	6							
Plan 4 - Sync		2	6							
Plan 5 - Sync		2	6							
Plan 6 - Sync		2	6							
Plan 7 - Sync		2	6							
Plan 8 - Sync		2	6							
Plan 9 - Sync		2	6							
NEMA Sync										
NEMA Hold										
Coord Extra										

Sync Phases <C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Ped Adjustment	7	0	0	0	25	0	0	0	0	0
Perm 2 - Start	40	25	0	25	0	0	0	0	0	0
Perm 2 - End	44	29	0	29	0	0	0	0	0	0
Perm 3 - Start	0	0	0	0	0	0	0	0	0	0
Perm 3 - End	0	0	0	0	0	0	0	0	0	0
Reservice Time	0	0	0	0	0	0	0	0	0	0
Reservice Phases										
Prelimed Phases										
Max Recall										
Perm 1 Veh Phase	1	1	12345678	1	12345678	12345678	12345678	12345678	12345678	12345678
Perm 1 Ped Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 2 Veh Phase	4	4		4						
Perm 2 Ped Phase	4	4		4						
Perm 3 Veh Phase										
Perm 3 Ped Phase										

Coordination - Bank 2 <C+0+C=2>

Row	0	1	2	3	4	5	6	7	8	9
Free Lag		2	4	6	8					
Plan 1 - Lag		1	4	6	8					
Plan 2 - Lag		1	4	6	8					
Plan 3 - Lag		2	4	6	8					
Plan 4 - Lag		1	4	6	8					
Plan 5 - Lag		2	4	6	8					
Plan 6 - Lag		2	4	6	8					
Plan 7 - Lag		2	4	6	8					
Plan 8 - Lag		2	4	6	8					
Plan 9 - Lag		2	4	6	8					
External Lag										

Lag Phases <C+0+C=1>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Prefined	0	Set Monday	0	Dial 2 (7-wire)	0	Sim Term	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-wire)	0	EV-A	71
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-wire)	0	EV-B	72
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Dimming	0	Offset 2 (7-wire)	0	EV-C	73
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4	0	Set Clock	0	Offset 3 (7-wire)	0	EV-D	74
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5	0	Stop Time	82	Free (7-wire)	0	RR-1	51
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6	0	Flash Sense	81	Flash (7-wire)	0	RR-2	52
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Omit	0	Spec. Event 1	0
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	0
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	0
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	0	OR-2 (a)	0	AND-2 (a)	0
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0

Assignable Inputs

<C+0+E=126>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Phase ON - 1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	0	Dial 2 (7-wire)	0
1	Phase ON - 2	0	Sp Evt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-wire)	0
2	Phase ON - 3	0	Sp Evt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-wire)	0
3	Phase ON - 4	0	Sp Evt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-wire)	0
4	Phase ON - 5	0	Sp Evt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	0	TOD Out 5	0	Offset 3 (7-wire)	0
5	Phase ON - 6	0	Sp Evt Out 5	0		0	Plan 5	0	AND-2	0	TOD Out 6	0	Free (7-wire)	0
6	Phase ON - 7	0	Sp Evt Out 6	0		0	Plan 6	0	AND-3	0	TOD Out 7	0	Flash (7-wire)	0
7	Phase ON - 8	0	Sp Evt Out 7	0		0	Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0
8	Ph. Check - 1	0	Sp Evt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warm - 1	0	Low Priority A	0
9	Ph. Check - 2	0		0	NOT-4	0	Plan 9	0	EV-B	0	Adv. Warm - 2	0	Low Priority B	0
A	Ph. Check - 3	0	Detector Fail	0	OR-4	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0
B	Ph. Check - 4	0	Spec. Funct. 1	0	OR-5	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0
C	Ph. Check - 5	0	Spec. Funct. 2	0	OR-6	0	NAND-3	0	RR-1	0	DELAY-C	0		
D	Ph. Check - 6	0	Central Control	0	AND-4	0	NAND-4	0	RR-2	0	DELAY-D	0		
E	Ph. Check - 7	0	Excl. Ped DW	0	NAND-1	0	OR-7	0	Spec. Event 1	0	DELAY-E	0		
F	Ph. Check - 8	0	Excl. Ped WK	0	NAND-2	0	OR-8	0	Spec. Event 2	0	DELAY-F	0		

Assignable Outputs

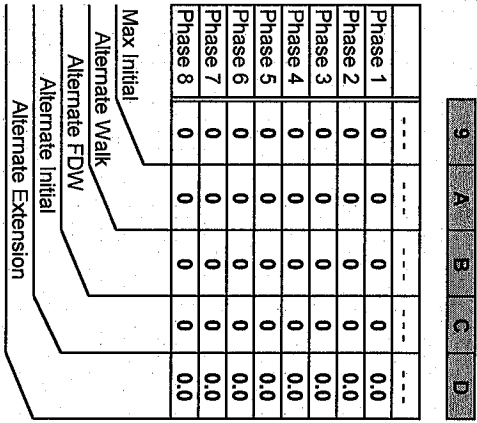
<C+0+E=127>

Row	Column Numbers →	Phase							
		1	2	3	4	5	6	7	8
0	Phase Names →								
1	Ped Walk	0	7	0	7	0	7	0	7
2	Ped FDW	0	15	0	15	0	15	0	15
3	Min Green	4	7	4	4	4	7	4	4
4	Type 3 Disconnect	0	20	0	20	0	20	0	20
5	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
6	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
7	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
8	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
9	Max Limit	20	30	20	25	20	30	20	25
A	Adv. / Delay Walk	30	50	30	40	30	50	30	40
B	PE Min Ped FDW	0	0	0	0	0	0	0	0
C	Cond Serv Check	7	7	7	7	7	7	7	7
D	Reduce Every	10	10	10	10	10	10	10	10
E	Yellow Change	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
F	Red Clear	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0

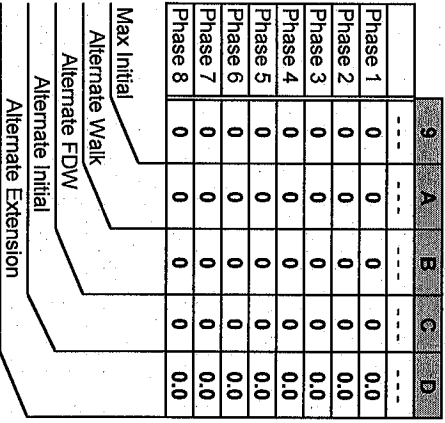
Phase Timing - Bank 2 <C+0+F=2>

Row	Column Numbers →	Phase							
		1	2	3	4	5	6	7	8
0	Phase Names →								
1	Ped Walk	0	7	0	7	0	7	0	7
2	Ped FDW	0	15	0	15	0	15	0	15
3	Min Green	4	7	4	4	4	7	4	4
4	Type 3 Disconnect	0	20	0	20	0	20	0	20
5	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
6	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
7	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
8	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
9	Max Limit	20	30	20	25	20	30	20	25
A	Adv. / Delay Walk	30	50	30	40	30	50	30	40
B	PE Min Ped FDW	0	0	0	0	0	0	0	0
C	Cond Serv Check	7	7	7	7	7	7	7	7
D	Reduce Every	10	10	10	10	10	10	10	10
E	Yellow Change	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
F	Red Clear	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0

Phase Timing - Bank 3 <C+0+F=3>



Alternate Timing



Alternate Timing

Transition Type
 0.X = Shortway
 1.X = Lengthen
 X.1 thru X.4 = Number of cycles when lengthening

Transition Type	0.3	<C/5+1+9>
TBC Transition		
Lag Hold Phases		<C/5+1+A>
Coordinated Lag Hold Phases		
Sync Output Time	0.0	<C/5+1+C>
7-Wire Master		

Daylight Savings
 Date
 If set to all zeros, standard dates will be used.

Begin Month	4	<C/5+2+A>
Begin Week	1	<C/5+2+B>
End Month	10	<C/5+2+C>
End Week	5	<C/5+2+D>
Daylight Savings Time		

Time B4 Yellow	0.0	<F/1+C+E>
Phase Number	0	<F/1+C+F>
Advance Warning Beacon - Sign 1		
Time B4 Yellow	0.0	<F/1+D+E>
Phase Number	0	<F/1+D+F>
Advance Warning Beacon - Sign 2		
Long Failure	0.7	<F/1+0+6>
Short Failure	0.7	<F/1+0+7>
Power Cycle Correction		(Default = 0.7)

Column Numbers →	0	1	2	3	1	3
	C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
Row 0	39	45 7	2	123	0.0	3.0
Row 1	40	45 7	6	123	0.0	3.0
Row 2	41	45 7	4	123	0.0	2.5
Row 3	42	45 7	8	123	0.0	0.0
Row 4	43	45 7	2	123	0.0	0.0
Row 5	44	45 7	6	123	0.0	0.0
Row 6	45	45 7	4	123	0.0	0.0
Row 7	46	45 7	8	123	0.0	0.0
Row 8	47	67	2	123	0.0	0.0
Row 9	48	67	6	123	0.0	0.0
Row A	49	45 7	4	123	0.0	0.0
Row B	50	67	8	123	0.0	0.0
Row C	55	45 7	5	123	0.0	0.0
Row D	56	45 7	1	123	0.0	0.0
Row E	57	45 7	7	123	0.0	0.0
Row F	58	45 7	3	123	0.0	0.0

Column Numbers →	4	5	6	7	2	4
	C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
Row 0	59	45 7	5	123	0.0	0.0
Row 1	60	45 7	1	123	0.0	0.0
Row 2	61	45 7	7	123	0.0	0.0
Row 3	62	45 7	3	123	0.0	0.0
Row 4	63	45 7	2	123	0.0	0.0
Row 5	64	45 7	6	123	0.0	0.0
Row 6	65	45 7	1	123	15.0	0.0
Row 7	66	45 7	8	123	0.0	0.0
Row 8	67	2	2	123	0.0	0.0
Row 9	68	2	6	123	0.0	0.0
Row A	69	2	4	123	0.0	0.0
Row B	70	2	8	123	0.0	0.0
Row C	76	45 7	2	123	0.0	0.0
Row D	77	45 7	6	123	0.0	0.0
Row E	78	45 7	1	123	15.0	0.0
Row F	79	45 7	8	123	0.0	0.0

Detector Assignments <C+0+E=126>

<C+0+D=0>

- Detector Attributes**
 1 = Full Time Delay
 2 = Ped Call
 3 =
 4 = Count
 5 = Extension
 6 = Type 3
 7 = Calling
 8 = Alternate
- Det. Assignments**
 1 = Det. Set 1
 2 = Det. Set 2
 3 = Det. Set 3
 4 =
 5 =
 6 = Failure - Min Recall
 7 = Failure - Max Recall
 8 = Report on Failure

Column Numbers →	1	2	3	4	5	6	7	8
	Ped / Phase / Overlap							
Row 0	0	0	0	0	0	0	0	0
Row 1	0	0	0	0	0	0	0	0
Row 2	0	0	0	0	0	0	0	0
Row 3	0	0	0	0	0	0	0	0
Row 4	0	0	0	0	0	0	0	0
Row 5	0	0	0	0	0	0	0	0
Row 6	0	0	0	0	0	0	0	0
Row 7	0	0	0	0	0	0	0	0

Redirect Phase Outputs <C+0+E=127>

Enable Redirection
 (Enable Redirection = 30)
 Cabinet Type 0 <E/125+D+0>

Max OFF (minutes) 20 <D/0+0+1>
 Max ON (minutes) 7 <D/0+0+2>

Detector Failure Monitor

Output Port	D
Output Port 1	
Output Port 2	
Output Port 3	
Output Port 4	
Output Port 5	
Output Port 6	
Output Port 7	

Dimming <C+0+E=125>

Row	A	B
Row 0	DELAY-A	0
Row 1	DELAY-B	0
Row 2	DELAY-C	0
Row 3	DELAY-D	0
Row 4	DELAY-E	0
Row 5	DELAY-F	0
Row 6		
Row 7		

Delay Logic Times <C+0+D=0> (seconds)

Ormit Alarm <C/5+F+0>
 Disable Alarm Reporting

Radial Time (minutes) <C/5+C+0>
 (View Radial Timer at E/2+D+6)

Dial-Back Telephone Number <C+0+C=5>

Row	Time	Plan	Offset	Day of Week
0	06:30	1	A	23456
1	08:30	2	A	23456
2	16:15	3	A	23456
3	18:30	2	A	1234567
4	21:00	E	A	1
5	09:00	2	A	7
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0,1> (Bank 1)

Time	Funct.	Day of Week
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	

TOD Function <C+0+7=0,1> (Bank 1)

Column 4 Phrases/Bits
<C+0+E=27>

Row	Time	Plan	Offset	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0,2> (Bank 2)

Time	Funct.	Holiday Type
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	

Holiday TOD Function <C+0+7=0,2> (Bank 2)

Column 4 Phrases/Bits
<C+0+E=28>

Day	Year	Month	Holiday Type
00	00	0	4 7
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1,1> (Bank 1)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1,1> (Bank 1)

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1,2> (Bank 2)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1,2> (Bank 2)

T.O.D. Functions

- 0 =
- 1 = Red Lock
- 2 = Yellow Lock
- 3 = Ven Min Recall
- 4 = Ped Recall
- 5 =
- 6 = Rest In Walk
- 7 = Red Rest
- 8 = Double Entry
- 9 = Ven Max Recall
- A = Veh Soft Recall
- B = Maximum 2
- C = Conditional Service
- D = Free Lag Phases
- E = Bit 1 - Local Override
- Bit 4 - Disable Detector
- OFF Monitor
- Bit 5 - Disable Low
- Priority Preempt
- Bit 7 - Detector Count
- Monitor
- Bit 8 - Real Time Split Monitor
- F = Output Bits 1 thru 8

Plan Select

- 1 thru 9 = Coordination
- Plan 1 thru 9
- 14 or E = Free
- 15 or F = Flash

Offset Select

- A = Offset A
- B = Offset B
- C = Offset C

Month Select

- 1 = January
- 2 = February
- 3 = March
- 4 = April
- 5 = May
- 6 = June
- 7 = July
- 8 = August
- 9 = September
- A = October
- B = November
- C = December

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omnit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 1

<C+0+E=27>

0 <E/27+5+F>

Limited Service Interval

Notes:

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omnit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 2

<C+0+E=28>

0 <E/28+5+F>

Limited Service Interval

Notes:

Min Time (seconds) <F/1+0+8>
Min Green Before PE Force Off

Max Time (minutes) <F/1+0+9>
Max Preempt Time Before Failure

Min Time (seconds) <F/1+0+A>
Min Time Between Same Preempts
 (Does Not Apply To Railroad Preempt)

Low Pri. Channel <E/125+C+8>
Disable Low Priority Channel

- Low Priority
 1 = Channel A
 2 = Channel B
 3 = Channel C
 4 = Channel D

Delay Time (seconds) <F/1++A+D>
Bus Delay

Max Time (seconds) <F/1++A+E>
Max Early Green

Max Time (seconds) <F/1++A+F>
Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

Headway <C+0+9=2.1>

Headway Time
 (minutes)
 1 thru 9 = 1 thru 9
 A = 10
 B = 11
 C = 12
 D = 13
 E = 14
 F = 15

Low Priority Preemption (Bus Priority)
 Only available with Program 233RV2.B (and above)
 Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

Group Assignment: Not Assigned
 Field Master Assignment: NONE
 System Reference Number: 55

N/S Street Name: Hwy 99
 E/W Street Name: Ming Ave

Change Record			
Change	By	Date	Change

Drop Number	6	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	55	<C/0+0+3>
QuickNet Channel	P-8002:10.21.20	(QuickNet)

Manual Plan	
Manual Offset	

Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	5.0	<F/1+C+0>

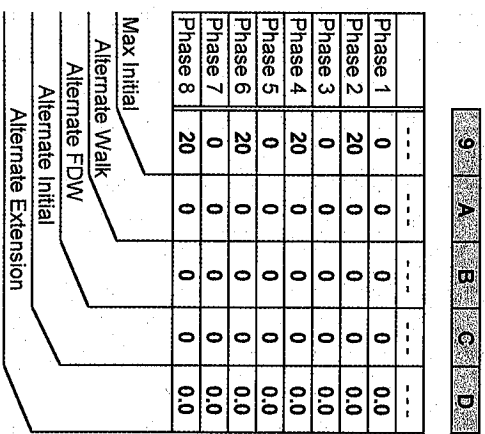
Manual Offset:
 0 = Automatic
 1 = Offset A
 2 = Offset B
 3 = Offset C

Exclusive Walk 0 <F/1+0+0>
 Exclusive FDW 0 <F/1+0+1>
 All Red Clear 0.0 <F/1+0+2>

Exclusive Ped Phase
 (Outputs specified in Assignable
 Outputs at E/1/27+A+E & F)

Row	Phase Names →	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	4	0	0	4	0	0
1	Ped FDW	0	15	24	0	0	18	0	0
2	Min Green	6	10	6	4	6	10	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	0
4	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	1.0	2.0	1.5	1.5	2.0	2.0	0.0	0.0
6	Max Gap	1.0	4.0	1.5	1.5	2.0	4.0	0.0	0.0
7	Min Gap	1.0	0.2	1.5	1.5	2.0	0.2	0.0	0.0
8	Max Limit	20	50	20	15	45	50	0	0
9	Max Limit 2	8	15	8	8	60	15	0	0
A	Adv / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	0	0
C	Cond Serv Check	10	10	10	10	10	10	0	0
D	Reduce Every	1.0	0.5	1.0	1.0	1.0	0.5	0.0	0.0
E	Yellow Change	3.0	4.3	3.0	3.5	3.0	4.3	0.0	0.0
F	Red Clear	1.0	1.0	1.0	1.5	1.0	1.0	0.0	0.0

Phase Timing - Bank 1 <C+0+F=1>



Alternate Timing <C+0+F=1>

Phase	RR-1 Delay	RR-1 Clear	EV-A Delay	EV-A Clear	EV-B Delay	EV-B Clear	EV-C Delay	EV-C Clear	EV-D Delay	EV-D Clear	RR-2 Delay	RR-2 Clear	View EV Delay	View RR Delay	View RR Clear
1	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
2	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
3	2	0	0	0	0	0	0	0	0	0	0	0	---	---	---
4	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
5	2	0	0	0	0	0	0	0	0	0	0	0	---	---	---
6	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
7	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
8	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
9	2	0	0	0	0	0	0	0	0	0	0	0	---	---	---
A	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
B	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
C	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
D	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
E	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---
F	0	0	0	0	0	0	0	0	0	0	0	0	---	---	---

Phase	Permit	Red Lock	Yellow Lock	Min Recall	Ped Recall	View Set Peds	Rest In Walk	Red Rest	Dual Entry	Max Recall	Soft Recall	Max 2	Cond. Service	Man Cntrl Calls	Yellow Start	First Phases
0	123456															
1																
2																
3																
4																
5																
6																
7																
8																
9																
A																
B																
C																
D																
E																
F																

Phase Functions <C+0+F=1>

Row	Overlap Name	Overlap							
		1	2	3	4	5	6	7	8
0	Load Switch Number	0	0	0	0	0	0	0	0
1	Veh Set 1 - Phases								
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases								
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments <C+0+E=29>

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	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	
8	Disable Ovp Yel Range	
9	Overlap Yellow Flash	
A	EVA Phases	2 5
B	EV-B Phases	4
C	EV-C Phases	1 6
D	EV-D Phases	3
E	Extra 1 Config. Bits	1 3 5
F	IC Select (Interconnect)	2

Row	Column Numbers	F
0	Ext. Permit 1 Phases	
1	Ext. Permit 2 Phases	
2	Exclusive Ped Assign	
3	Preempt Non-Lock	12345678
4	Ped for 2P Output	2
5	Ped for 4P Output	6
6	Ped for 6P Output	
7	Ped for 8P Output	4
8	Yellow Flash Phases	3
9	Low Priority A Phases	
A	Low Priority B Phases	
B	Low Priority C Phases	
C	Low Priority D Phases	
D	Restricted Phases	
E	Extra 2 Config. Bits	
F	Configuration	<C+0+E=125>

Row	Column Numbers	F
0	Fast Green Flash Phase	
1	Green Flash Phases	
2	Flashing Walk Phases	
3	Guaranteed Passage	
4	Simultaneous Gap Term	12345678
5	Sequential Timing	
6	Advance Walk Phases	
7	Delay Walk Phases	
8	External Recall	
9	Start-up Overlap Green	
A	Max Extension	
B	Inhibit Ped Reservice	
C	Semi-Actuated	
D	Start-up Overlap Yellow	
E	Start-up Vehicle Calls	12345678
F	Start-up Ped Calls	12345678

Row	Column Numbers	2
0	Phase 1	10
1	Phase 2	10
2	Phase 3	10
3	Phase 4	10
4	Phase 5	10
5	Phase 6	10
6	Phase 7	10
7	Phase 8	10

Coordination Transition Minimums <C+0+C=5>

Row	Column Numbers	2
0	Phase 1	10
1	Phase 2	10
2	Phase 3	10
3	Phase 4	10
4	Phase 5	10
5	Phase 6	10
6	Phase 7	10
7	Phase 8	10

- Extra 1 Flags
 - 1 = TBC Type 1
 - 2 = NEMA Ext. Coord
 - 3 = Auto Daylight Savings
 - 4 = Solid FDW on EV
 - 5 = Extended Status
 - 6 = International Ped
 - 7 = Flash - Clear Outputs
 - 8 = Split Ring
- Extra 2 Flags
 - 1 = AMVB During Initial
 - 2 = LMU Installed
 - 3 = Disable Min Walk
 - 4 = QuickNet4 System
 - 5 = Ignore P/P on EV
 - 6 =
 - 7 = Reserved
 - 8 =

Row	Column Numbers	C
0	EV-A	0
1	EV-B	0
2	EV-C	0
3	EV-D	0
4	RR-1*	---
5	RR-2*	---
6	SE-1	0
7	SE-2	0

Preempt Priority <C+0+E=125>

Row	Column Numbers	C
0	EV-A	0
1	EV-B	0
2	EV-C	0
3	EV-D	0
4	RR-1*	---
5	RR-2*	---
6	SE-1	0
7	SE-2	0

(* RR-1 is always Highest, and RR-2 is always Second Highest)

Coord Extra
 1 = Programmed WALK Time for Sync Phases
 2 = Always Terminate Sync Phase Peds

Row	Plan Name -->	Plan								
		1	2	3	4	5	6	7	8	9
0	Cycle Length	108	100	108	100	100	100	100	100	100
1	Phase 1 - ForceOff	100	13	96	55	55	55	55	55	55
2	Phase 2 - ForceOff	57	0	34	0	0	0	0	0	0
3	Phase 3 - ForceOff	88	31	82	20	20	20	20	20	20
4	Phase 4 - ForceOff	75	48	50	40	40	40	40	40	40
5	Phase 5 - ForceOff	57	83	34	55	55	55	55	55	55
6	Phase 6 - ForceOff	0	13	0	0	0	0	0	0	0
7	Phase 7 - ForceOff	0	0	0	20	20	20	20	20	20
8	Phase 8 - ForceOff	0	0	0	40	40	40	40	40	40
9	Ring Offset	0	0	0	0	0	0	0	0	0
A	Offset 1	30	90	0	0	0	0	0	0	0
B	Offset 2	0	0	0	0	0	0	0	0	0
C	Offset 3	0	0	0	0	0	0	0	0	0
D	Perm 1 - End	40	1	15	15	15	15	15	15	15
E	Hold Release	255	255	255	255	255	255	255	255	255
F	Zone Offset	0	0	0	0	0	0	0	0	0

Coordination - Bank 1 <C+0+C=1>

Row	Plan Name -->	Plan								
		1	2	3	4	5	6	7	8	9
0	Ped Adjustment	0	10	0	0	0	0	0	0	0
1	Perm 2 - Start	55	11	32	0	0	0	0	0	0
2	Perm 2 - End	59	15	36	0	0	0	0	0	0
3	Perm 3 - Start	0	0	0	0	0	0	0	0	0
4	Perm 3 - End	0	0	0	0	0	0	0	0	0
5	Reservice Time	0	0	0	0	0	0	0	0	0
6	Reservice Phases									
7	Pretimed Phases									
8	Max Recall		5							
9	Perm 1 Veh Phase	5	1	5	12345678	12345678	12345678	12345678	12345678	12345678
A	Perm 1 Ped Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
B	Perm 2 Veh Phase	1 34 6	345	1 34	12345678	12345678	12345678	12345678	12345678	12345678
C	Perm 2 Ped Phase									
D	Perm 3 Veh Phase	3	3	3						
E	Perm 3 Ped Phase									

Coordination - Bank 2 <C+0+C=2>

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

Sync Phases <C+0+C=1>

Row	Plan Name -->	Lag Phases
0	Free Lag	2 4 6 8
1	Plan 1 - Lag	23 5
2	Plan 2 - Lag	1 4 6
3	Plan 3 - Lag	23 5
4	Plan 4 - Lag	2 4 6 8
5	Plan 5 - Lag	2 4 6 8
6	Plan 6 - Lag	2 4 6 8
7	Plan 7 - Lag	2 4 6 8
8	Plan 8 - Lag	2 4 6 8
9	Plan 9 - Lag	2 4 6 8
A	External Lag	
B		
C		
D		
E		
F		

Lag Phases <C+0+C=1>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Prelimed	0	Set Monday	0	Dial 2 (7-Wire)	0	Sim Term	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-Wire)	0	EV-A	71
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-Wire)	0	EV-B	72
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Dimming	0	Offset 2 (7-Wire)	0	EV-C	73
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4	0	Set Clock	0	Offset 3 (7-Wire)	0	EV-D	74
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5	0	Stop Time	82	Free (7-Wire)	0	RR-1	51
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6	0	Flash Sense	81	Flash (7-Wire)	0	RR-2	52
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Omit	0	Spec. Event 1	0
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	0
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	0
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	0	OR-2 (a)	0	AND-2 (a)	0
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0

Assignable Inputs

<C+0+E=126>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Phase ON -1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	0	Dial 2 (7-Wire)	0
1	Phase ON -2	0	Sp Evt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-Wire)	0
2	Phase ON -3	0	Sp Evt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-Wire)	0
3	Phase ON -4	0	Sp Evt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-Wire)	0
4	Phase ON -5	0	Sp Evt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	0	TOD Out 5	0	Offset 3 (7-Wire)	0
5	Phase ON -6	0	Sp Evt Out 5	0		0	Plan 5	0	AND-2	0	TOD Out 6	0	Flash (7-Wire)	0
6	Phase ON -7	0	Sp Evt Out 6	0		0	Plan 6	0	AND-3	0	TOD Out 7	0	Flash (7-Wire)	0
7	Phase ON -8	0	Sp Evt Out 7	0		0	Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0
8	Ph. Check -1	0	Sp Evt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warn -1	0	Low Priority A	0
9	Ph. Check -2	0	Detector Fail	0	NOT-4	0	Plan 9	0	EV-B	0	Adv. Warn -2	0	Low Priority B	0
A	Ph. Check -3	0	Spec. Funct. 1	0	OR-4	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0
B	Ph. Check -4	0	Spec. Funct. 2	0	OR-5	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0
C	Ph. Check -5	0	Central Control	0	OR-6	0	NAND-3	0	RR-1	0	DELAY-C	0		
D	Ph. Check -6	0	Excl. Ped DW	0	NAND-4	0	NAND-4	0	RR-2	0	DELAY-D	0		
E	Ph. Check -7	0	Excl. Ped WK	0	NAND-1	0	OR-7	0	Spec. Event 1	0	DELAY-E	0		
F	Ph. Check -8	0		0	NAND-2	0	OR-8	0	Spec. Event 2	0	DELAY-F	0		

Assignable Outputs

<C+0+E=127>

Row	Column Numbers →	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	MIn Green	4	7	4	4	7	4	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	6.0	3.0	3.0	3.0
7	MIn Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Max Limit 2	30	50	30	40	30	50	30	40
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE MIn Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
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	3.0	4.0	3.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 2 <C+0+F=2>

9	A	B	C	D
Phase 1	0	0	0	0.0
Phase 2	20	0	0	0.0
Phase 3	0	0	0	0.0
Phase 4	20	0	0	0.0
Phase 5	0	0	0	0.0
Phase 6	20	0	0	0.0
Phase 7	0	0	0	0.0
Phase 8	20	0	0	0.0

Alternate Timing

Transition Type
 0X = Shortway
 1,X = Lengthen
 X,1 thru X,4 = Number of cycles when lengthening

Transition Type	0.3	<C/5+1+9>
TBC Transition		
Lag Hold Phases		<C/5+1+A>
Coordinated Lag Hold Phases		
Sync Output Time	0.0	<C/5+1+C>
7-Wire Master		

Begin Month	4	<C/5+2+A>
Begin Week	1	<C/5+2+B>
End Month	10	<C/5+2+C>
End Week	5	<C/5+2+D>
Daylight Savings Time		

Daylight Savings
 Date
 If set to all zeros,
 standard dates
 will be used.

Row	Column Numbers →	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	MIn Green	4	7	4	4	7	4	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	6.0	3.0	3.0	3.0
7	MIn Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Max Limit 2	30	50	30	40	30	50	30	40
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE MIn Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
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	3.0	4.0	3.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 3 <C+0+F=3>

9	A	B	C	D
Phase 1	0	0	0	0.0
Phase 2	20	0	0	0.0
Phase 3	0	0	0	0.0
Phase 4	20	0	0	0.0
Phase 5	0	0	0	0.0
Phase 6	20	0	0	0.0
Phase 7	0	0	0	0.0
Phase 8	20	0	0	0.0

Alternate Timing

Time B4 Yellow	0.0	<F/1+C+E>
Phase Number	0	<F/1+C+F>
Advance Warning Beacon - Sign 1		
Time B4 Yellow	0.0	<F/1+D+E>
Phase Number	0	<F/1+D+F>
Advance Warning Beacon - Sign 2		
Long Failure	0.7	<F/1+0+6>
Short Failure	0.7	<F/1+0+7>
Power Cycle Correction		(Default = 0.7)

Column Numbers -->

Row	Detector Name	C1 Pin Number	Attributes	Phase(s)	Assign	1 Delay	3 Carry-over
0		39	45 7	2	123	0.0	2.5
1		40	45 7	6	123	0.0	2.5
2		41	45 7	4	123	2.0	0.0
3		42	45 7	3	123	0.0	0.0
4		43	45 7	2	123	0.0	2.0
5		44	45 7	6	123	0.0	2.0
6		45	45 7	4	123	12.0	0.0
7		46	45 7	3	123	0.0	0.0
8		47	67	2	123	0.0	0.0
9		48	67	6	123	0.0	0.0
A		49	67	4	123	0.0	0.0
B		50	67	8	123	0.0	0.0
C		55	45 7	5	123	0.0	0.0
D		56	45 7	1	123	0.0	0.0
E		57	45 7	7	123	0.0	0.0
F		58	45 7	3	123	0.0	0.0

Row	Detector Name	C1 Pin Number	Attributes	Phase(s)	Assign	2 Delay	4 Carry-over
0		59	45 7	5	123	0.0	0.0
1		60	45 7	1	123	0.0	0.0
2		61	45 7	7	123	0.0	0.0
3		62	45 7	3	123	0.0	0.0
4		63	45 7	2	123	0.0	0.0
5		64	45 7	6	123	0.0	0.0
6		65	45 7	4	123	2.0	0.0
7		66	45 7	3	123	0.0	0.0
8		67	2	2	123	0.0	0.0
9		68	2	6	123	0.0	0.0
A		69	2	4	123	0.0	0.0
B		70	2	3	123	0.0	0.0
C		76	45 7	2	123	5.0	0.0
D		77	45 7	6	123	0.0	0.0
E		78	45 7	4	123	0.0	0.0
F		79	45 7	3	123	10.0	0.0

Detector Assignments <C+0+E=126>

<C+0+D=0>

Detector Attributes
 1 = Full Time Delay
 2 = Ped Call
 3 =
 4 = Count
 5 = Extension
 6 = Type 3
 7 = Calling
 8 = Alternate

Det. Assignments
 1 = Det. Set 1
 2 = Det. Set 2
 3 = Det. Set 3
 4 =
 5 =
 6 = Failure - Min Recall
 7 = Failure - Max Recall
 8 = Report on Failure

Column Numbers -->

Row	Ped / Phase / Overlap	1	2	3	4	5	6	7	8
0	Walk	0	0	0	0	0	0	0	0
1	Don't Walk	0	0	0	0	0	0	0	0
2	Phase Green	0	0	0	0	0	0	0	0
3	Phase Yellow	0	0	0	0	0	0	0	0
4	Phase Red	0	0	0	0	0	0	0	0
5	Overlap Green	0	0	0	0	0	0	0	0
6	Overlap Yellow	0	0	0	0	0	0	0	0
7	Overlap Red	0	0	0	0	0	0	0	0

Redirect Phase Outputs <C+0+E=127>

Cabinet Type 0
 Enable Redirection (Enable Redirection = 30)

Max OFF (minutes) 20
 Max ON (minutes) 7
 Detector Failure Monitor

Row	Output Port	1	2	3	4	5	6	7
0	Output Port 1							
1	Output Port 2							
2	Output Port 3							
3	Output Port 4							
4	Output Port 5							
5	Output Port 6							
6	Output Port 7							

Dimming <C+0+E=125>

Row	Number of Digits	D
0	1 st Digit	0
1	2 ed Digit	0
2	3 ed Digit	0
3	4 th Digit	0
4	5 th Digit	0
5	6 th Digit	0
6	7 th Digit	0
7	8 th Digit	0
8	9 th Digit	0
9	10 th Digit	0
A	11 th Digit	0
B	12 th Digit	0
C	13 th Digit	0
D	14 th Digit	0
E	15 th Digit	0

Dial-Back Telephone Number <C+0+C=5>

Orbit Alarm <C/5+F+0>
 Disable Alarm Reporting
 Time 10 <C/5+C+0>
 Redial Time (minutes)
 View Redial Timer at E/2+D+6

Disable Alarms
 1 = Stop Time
 2 = Flash Sense
 3 = Keyboard Entry
 4 = Manual Plan
 5 = Police Control
 6 = External Alarm
 7 = Detector Failure
 8 =

Delay Logic Times
 <C+0+D=0> (seconds)

Row	DELAY-A	B
A	0	
B	0	
C	0	
D	0	
E	0	
F	0	

Row	Time	Plan	Offset	Day of Week
0	07:00	1	A	23456
1	08:30	2	A	23456
2	16:15	3	A	23456
3	21:30	E	A	2345
4	22:30	E	A	67
5	09:00	2	A	7
6	11:30	2	A	1
7	20:00	E	A	1
8	18:00	2	A	23456
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0,1> (Bank 1)

Time	U	Funct.	Day of Week	Column 4 Phases/Bits
00:01	E		1234567	1
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			

TOD Function <C+0+7=0,1> (Bank 1)

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1,1> (Bank 1)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1,1> (Bank 1)

Row	Time	Plan	Offset	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0,2> (Bank 2)

Time	L	Funct.	Holiday Type	Column 4 Phases/Bits
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			
00:00	0			

Holiday Function <C+0+7=0,2> (Bank 2)

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1,2> (Bank 2)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1,2> (Bank 2)

- T.O.D. Functions
 - 0 =
 - 1 = Red Lock
 - 2 = Yellow Lock
 - 3 = Ven Min Recall
 - 4 = Ped Recall
 - 5 =
 - 6 = Rest in Walk
 - 7 = Red Rest
 - 8 = Double Entry
 - 9 = Ven Max Recall
 - A = Ven Soft Recall
 - B = Maximum 2
 - C = Conditional Service
 - D = Free Lag Phases
 - E = Bit 1 - Local Override
 - Bit 4 - Disable Detector
 - OFF Monitor
 - Bit 5 - Disable Low
 - Priority Preempt
 - Bit 7 - Detector Count
 - Monitor
 - Bit 8 - Real Time Split
 - Monitor
 - F = Output Bits 1 thru 8
- Plan Select
 - 1 thru 9 = Coordination
 - Plan 1 thru 9
 - 14 or E = Free
 - 15 or F = Flash
- Offset Select
 - A = Offset A
 - B = Offset B
 - C = Offset C
- Month Select
 - 1 = January
 - 2 = February
 - 3 = March
 - 4 = April
 - 5 = May
 - 6 = June
 - 7 = July
 - 8 = August
 - 9 = September
 - A = October
 - B = November
 - C = December

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 1

<C+0+E=27>

Notes:

0 <E/27+5+F>
Limited Service Interval

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 2

<C+0+E=28>

Notes:

0 <E/28+5+F>
Limited Service Interval

Min Time (seconds) <F/1+0+8>
Min Green Before PE Force Off

Max Time (minutes) <F/1+0+9>
Max Preempt Time Before Failure

Min Time (seconds) <F/1+0+A>
Min Time Between Same Preempts
 (Does Not Apply To Railroad Preempt)

Low Pri. Channel <E/125+C+8>
Disable Low Priority Channel

- Low Priority
 1 = Channel A
 2 = Channel B
 3 = Channel C
 4 = Channel D

Delay Time (seconds) <F/1+A+D>
Bus Delay

Max Time (seconds) <F/1+A+E>
Max Early Green

Max Time (seconds) <F/1+A+F>
Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

Headway <C+0+9=2.1>

Headway Time
 (minutes)
 1 thru 9 = 1 thru 9
 A = 10
 B = 11
 C = 12
 D = 13
 E = 14
 F = 15

Low Priority Preemption (Bus Priority)
 Only available with Program 233RV2.B (and above)
 Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

Group Assignment: Ming Ave

Field Master Assignment: NONE

System Reference Number: 53

N/S Street Name: Real Road
EW Street Name: Ming Ave

Change Record			
Change	By	Date	Change

Drop Number	4	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	53	<C/0+0+3>
QuicNet Channel	P:8002;10.21.20;	(QuicNet)

Manual Plan	<C/0+A+1>
Manual Offset	<C/0+B+1>

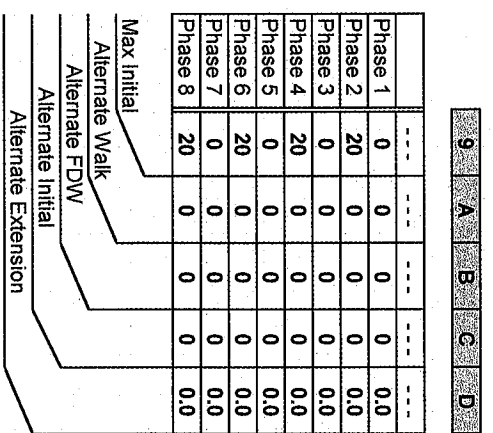
Flash Start	0	<F/1+0+E>
Red Revert	0.0	<F/1+0+F>
All Red Start	0.0	<F/1+C+0>

Exclusive Walk	0	<F/1+0+0>
Exclusive FDW	0	<F/1+0+1>
All Red Clear	0.0	<F/1+0+2>

Exclusive Ped Phase
(Outputs specified in Assignable Outputs at E/127+A+E & F)

Row	Phase Names	Phase									
		1	2	3	4	5	6	7	8		
0	Ped Walk	0	7	0	4	0	7	0	4	0	4
1	Ped FDW	0	12	0	18	0	12	0	18	0	18
2	Min Green	4	10	4	4	4	10	4	4	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	1.0	2.0	1.0	2.0	1.5	2.0	1.0	2.0	1.0	2.0
6	Max Gap	1.0	4.0	1.0	4.0	1.5	4.0	1.0	4.0	1.0	4.0
7	Min Gap	1.0	0.2	1.0	0.2	1.5	0.2	1.0	1.0	1.0	1.0
8	Max Limit	20	50	20	30	20	50	20	30	20	30
9	Max Limit 2	0	0	0	0	0	0	0	0	0	0
A	Adv / Delay Walk	0	0	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	0	12	0	18	0	12	0	18	0	18
C	Cond Serv Check	0	0	0	0	0	0	0	0	0	0
D	Reduce Every	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5
E	Yellow Change	3.0	4.3	3.0	3.0	3.0	4.3	3.9	3.9	3.9	3.9
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Column Numbers -> Phase Timing - Bank 1 <C+0+F=1>



Alternate Timing <C+0+F=1>

RR-1 Delay	0
RR-1 Clear	0
EV-A Delay	0
EV-A Clear	5
EV-B Delay	0
EV-B Clear	5
EV-C Delay	0
EV-C Clear	5
EV-D Delay	0
EV-D Clear	5
RR-2 Delay	0
RR-2 Clear	0
View EV Delay	---
View EV Clear	---
View RR Delay	---
View RR Clear	---

Preempt Timing

Permit	12	5678
Red Lock		
Yellow Lock		
Min Recall	2	6
Ped Recall		
View Set Peds		
Rest In Walk		
Red Rest		
Dual Entry		
Max Recall		
Soft Recall		
Max 2		
Cond. Service		
Man Cntrl Calls		
Yellow Start		
First Phases	2	6

Phase Functions <C+0+F=1>

Row	Overlap Name -->	1	2	3	4	5	6	7	8
0	Load Switch Number	0	0	0	0	0	0	0	0
1	Veh Set 1 - Phases								
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases								
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments <C+0+E=29>

- Extra 1 Flags
 1 = TBC Type 1
 2 = NEMA Ext. Coord
 3 = Auto Daylight Savings
 4 = Solid FDW on EV
 5 = Extended Status
 6 = International Ped
 7 = Flash - Clear Outputs
 8 = Split Ring
- Extra 2 Flags
 1 = AWB During Initial
 2 = LMU Installed
 3 = Disable Min Walk
 4 = QuickNet4 System
 5 = Ignore P/P on EV
 6 =
 7 = Reserved
 8 =

Row	EV/A	EV-B	EV-C	EV-D	RR-1*	RR-2*	SE-1	SE-2
0	0	0	0	0	---	---	0	0
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

Preempt Priority
 <C+0+E=125>
 (* RR-1 is always Highest, and RR-2 is always Second Highest)

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	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	
8	Disable Ovp Yel Range	
9	Overlap Yellow Flash	
A	EV-A Phases	2 5
B	EV-B Phases	7
C	EV-C Phases	1 6
D	EV-D Phases	8
E	Extra 1 Config. Bits	1 3 5
F	IC Select (Interconnect)	2

Row	Configuration	F
0	Ext. Permit 1 Phases	
1	Ext. Permit 2 Phases	
2	Exclusive Ped Assign	
3	Preempt Non-Lock	12345678
4	Ped for 2P Output	
5	Ped for 6P Output	6
6	Ped for 4P Output	
7	Ped for 8P Output	8
8	Yellow Flash Phases	
9	Low Priority A Phases	
A	Low Priority B Phases	
B	Low Priority C Phases	
C	Low Priority D Phases	
D	Restricted Phases	
E	Extra 2 Config. Bits	4
F	Configuration	<C+0+E=125>

Row	Configuration	F
0	Fast Green Flash Phase	
1	Green Flash Phases	
2	Flashing Walk Phases	
3	Guaranteed Passage	
4	Simultaneous Gap Term	12345678
5	Sequential Timing	
6	Advance Walk Phases	
7	Delay Walk Phases	
8	External Recall	
9	Start-up Overlap Green	
A	Max Extension	
B	Inhibit Ped Reserve	
C	Semi-Actuated	
D	Start-up Overlap Yellow	
E	Start-up Vehicle Calls	
F	Start-up Ped Calls	
	Specials	<C+0+F=2>

- Flash to PE & PE Non-Lock
 1 = EV A 5 = RR 1
 2 = EV B 6 = RR 2
 3 = EV C 7 = SE 1
 4 = EV D 8 = SE 2
- IC Select Flags
 1 = Modern
 2 = Modern
 3 = 7-Wire Slave
 4 = Flash / Free
 5 =
 6 = Simplex Master
 7 = 7-Wire Master
 8 = Offset Interrupter

Row	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8
0	10	10	10	10	10	10	10	10
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

Coordination Transition Minimums
 <C+0+C=5>

INTERSECTION: MING & REAL 2725

Coord Extra

1 = Programmed WALK Time for Sync Phases
2 = Always Terminate Sync Phase Peds

Column Numbers -->	1	2	3	4	5	6	7	8	9
Plan Name -->									
Cycle Length	108	100	108	0	100	115	100	100	100
Phase 1 - ForceOff	79	77	80	0	82	82	55	55	55
Phase 2 - ForceOff	14	20	21	0	20	20	0	0	0
Phase 3 - ForceOff	0	0	0	0	41	44	20	20	20
Phase 4 - ForceOff	0	0	0	0	63	62	40	40	40
Phase 5 - ForceOff	14	20	21	0	20	20	55	55	55
Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0
Phase 7 - ForceOff	33	36	63	0	37	36	20	20	20
Phase 8 - ForceOff	60	60	46	0	63	62	40	40	40
Ring Offset	0	0	0	0	0	0	0	0	0
Offset 1	60	46	6	0	31	33	0	0	0
Offset 2	0	0	0	0	31	33	0	0	0
Offset 3	0	0	0	0	31	33	0	0	0
Perm 1 - End	1	5	10	5	5	5	15	15	15
Hold Release	255	255	255	255	255	255	255	255	255
Zone Offset	0	0	0	0	0	0	0	0	0

Coordination - Bank 1

<C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Ped Adjustment	0	3	2	0	4	8	0	0	0	0
Perm 2 - Start	12	18	19	0	18	19	0	0	0	0
Perm 2 - End	16	22	23	0	22	24	0	0	0	0
Perm 3 - Start	0	0	0	0	0	0	0	0	0	0
Perm 3 - End	0	0	0	0	0	0	0	0	0	0
Reservice Time	0	0	0	0	0	0	0	0	0	0
Reservice Phases										
Prelimed Phases										
Max Recall										
Perm 1 Veh Phase	5	5	5		5	5				
Perm 1 Ped Phase										
Perm 2 Veh Phase	1	78	1	78	1	34	78	1	34	78
Perm 2 Ped Phase	4	8	4	8	4	8	4	8	4	8
Perm 3 Veh Phase										
Perm 3 Ped Phase										

Coordination - Bank 2

<C+0+C=2>

Row	0	1	2	3	4	5	6	7	8	9
Plan 1 - Sync		2	6							
Plan 2 - Sync		2	6							
Plan 3 - Sync		2	6							
Plan 4 - Sync		2	6							
Plan 5 - Sync		2	6							
Plan 6 - Sync		2	6							
Plan 7 - Sync		2	6							
Plan 8 - Sync		2	6							
Plan 9 - Sync		2	6							
NEMA Sync										
NEMA Hold										
Coord Extra										

Sync Phases

<C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Free Lag		2	4	6	8					
Plan 1 - Lag		2	5	8						
Plan 2 - Lag		2	5	8						
Plan 3 - Lag		2	5	7						
Plan 4 - Lag		2	4	6	8					
Plan 5 - Lag		2	4	5	8					
Plan 6 - Lag		2	4	5	8					
Plan 7 - Lag		2	4	6	8					
Plan 8 - Lag		2	4	6	8					
Plan 9 - Lag		2	4	6	8					
External Lag										
Lag Phases										

<C+0+C=1>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Prefimed	0	Set Monday	0	Dial 2 (7-wire)	0	Slm Term	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-wire)	0	EV-A	71
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-wire)	0	EV-B	72
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Dimming	0	Offset 2 (7-wire)	0	EV-C	73
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4	0	Set Clock	0	Offset 3 (7-wire)	0	EV-D	74
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5	0	Stop Time	82	Free (7-wire)	0	RR-1	51
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6	0	Flash Sense	81	Flash (7-wire)	0	RR-2	52
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Omit	0	Spec. Event 1	0
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	0
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	0
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	0	OR-2 (a)	0	AND-2 (a)	0
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0

Assignable Inputs

<C+0+E=126>

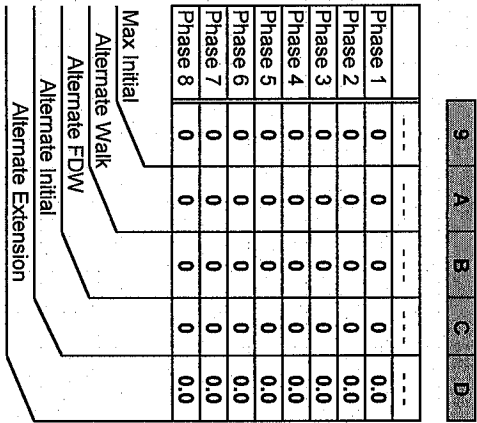
Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Phase ON - 1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	0	Dial 2 (7-wire)	0
1	Phase ON - 2	0	Sp Evt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-wire)	0
2	Phase ON - 3	0	Sp Evt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-wire)	0
3	Phase ON - 4	0	Sp Evt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-wire)	0
4	Phase ON - 5	0	Sp Evt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	0	TOD Out 5	0	Offset 3 (7-wire)	0
5	Phase ON - 6	0	Sp Evt Out 5	0		0	Plan 5	0	AND-2	0	TOD Out 6	0	Free (7-wire)	0
6	Phase ON - 7	0	Sp Evt Out 6	0		0	Plan 6	0	AND-3	0	TOD Out 7	0	Flash (7-wire)	0
7	Phase ON - 8	0	Sp Evt Out 7	0		0	Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0
8	Ph. Check - 1	0	Sp Evt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warm - 1	0	Low Priority A	0
9	Ph. Check - 2	0		0	NOT-4	0	Plan 9	0	EV-B	0	Adv. Warm - 2	0	Low Priority B	0
A	Ph. Check - 3	0	Detector Fail	0	OR-4	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0
B	Ph. Check - 4	0	Spec. Funct. 1	0	OR-5	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0
C	Ph. Check - 5	0	Spec. Funct. 2	0	OR-6	0	NAND-3	0	RR-1	0	DELAY-C	0		
D	Ph. Check - 6	0	Central Control	0	AND-4	0	NAND-4	0	RR-2	0	DELAY-D	0		
E	Ph. Check - 7	0	Excl. Ped DW	0	NAND-1	0	OR-7	0	Spec. Event 1	0	DELAY-E	0		
F	Ph. Check - 8	0	Excl. Ped WK	0	NAND-2	0	OR-8	0	Spec. Event 2	0	DELAY-F	0		

Assignable Outputs

<C+0+E=127>

Row	Column Numbers	Phase									
		1	2	3	4	5	6	7	8		
0	Ped Walk	0	7	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	4	7	4	4	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.0	2.5	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25	20	25
9	Max Limit 2	30	50	30	40	30	50	30	40	30	40
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10	10	10
D	Reduce Every	1.0	1.0	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	3.0	3.0	4.0	3.0	3.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

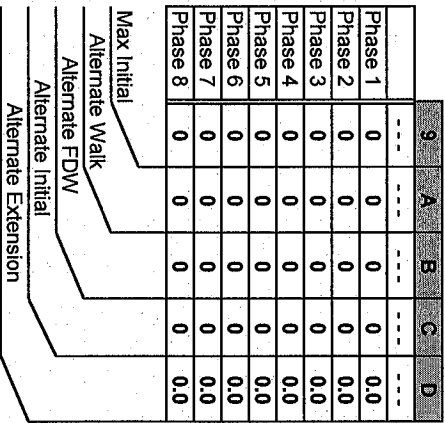
Phase Timing - Bank 2 <C+0+F=2>



Alternate Timing

Row	Column Numbers	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	4	7	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Max Limit 2	30	50	30	40	30	50	30	40
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
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	3.0	3.0	4.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 3 <C+0+F=3>



Alternate Timing

Transition Type
 0 X = Shortway
 1 X = Lengthen
 X.1 thru X.4 = Number of cycles when lengthening

Transition Type **1.3** <C/5+1+9>
TBC Transition
 Lag Hold Phases _____ <C/5+1+A>
 Coordinated Lag Hold Phases _____
 Sync Output Time **0.0** <C/5+1+C>
7-Wire Master

Daylight Savings
 Date
 If set to all zeros, standard dates will be used.

Begin Month **4** <C/5+2+A>
 Begin Week **1** <C/5+2+B>
 End Month **10** <C/5+2+C>
 End Week **5** <C/5+2+D>
Daylight Savings Time

Time B4 Yellow **0.0** <F/1+C+E>
 Phase Number **0** <F/1+C+F>
Advance Warning Beacon - Sign 1

Time B4 Yellow **0.0** <F/1+D+E>
 Phase Number **0** <F/1+D+F>
Advance Warning Beacon - Sign 2

Long Failure **0.7** <F/1+0+6>
 Short Failure **0.7** <F/1+0+7>
Power Cycle Correction (Default = 0.7)

Column Numbers -->

Row	Detector Name	C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
0		39	45 7	2	123	0.0	0.0
1		40	45 7	6	123	0.0	2.5
2		41	45 7	4	123	0.0	2.0
3		42	45 7	8	123	0.0	2.0
4		43	45 7	2	123	0.0	2.5
5		44	45 7	6	123	0.0	2.5
6		45	45 7	4	123	10.0	0.0
7		46	45 7	8	123	10.0	0.0
8		47	67	2	123	0.0	0.0
9		48	67	6	123	0.0	0.0
A		49	67	4	123	0.0	0.0
B		50	67	8	123	0.0	0.0
C		55	45 7	5	123	0.0	0.0
D		56	45 7	1	123	0.0	0.0
E		57	45 7	7	123	0.0	2.0
F		58	45 7	3	123	0.0	0.0

Column Numbers -->

Row	Walk	Dont Walk	Phase Green	Phase Yellow	Phase Red	Overlap Green	Overlap Yellow	Overlap Red
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0

Redirect Phase Outputs <C+0+E=127>

Row	Output Port 1	Output Port 2	Output Port 3	Output Port 4	Output Port 5	Output Port 6	Output Port 7
0							
1							
2							
3							
4							
5							
6							
7							

Row	Detector Name	C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
0		59	45 7	7	123	0.0	0.0
1		60	45 7	1	123	0.0	0.0
2		61	45 7	7	123	10.0	0.0
3		62	45 7	3	123	0.0	0.0
4		63	45 7	2	123	0.0	2.5
5		64	45 7	6	123	0.0	0.0
6		65	45 7	4	123	0.0	0.0
7		66	45 7	8	123	0.0	0.0
8		67	2	2	123	0.0	0.0
9		68	2	6	123	0.0	0.0
A		69	2	4	123	0.0	0.0
B		70	2	8	123	0.0	0.0
C		76	45 7	2	123	0.0	0.0
D		77	45 7	6	123	0.0	0.0
E		78	45 7	4	123	0.0	0.0
F		79	45 7	8	123	0.0	0.0

Detector Assignments <C+0+E=126>

Detector Attributes

1 = Full Time Delay
2 = Ped Call
3 =
4 = Count
5 = Extension
6 = Type 3
7 = Calling
8 = Alternate

Det. Assignments

1 = Det. Set 1
2 = Det. Set 2
3 = Det. Set 3
4 =
5 =
6 = Failure - Min Recall
7 = Failure - Max Recall
8 = Report on Failure

Number of Digits

1st Digit: 0
2nd Digit: 0
3rd Digit: 0
4th Digit: 0
5th Digit: 0
6th Digit: 0
7th Digit: 0
8th Digit: 0
9th Digit: 0
10th Digit: 0
11th Digit: 0
12th Digit: 0
13th Digit: 0
14th Digit: 0
15th Digit: 0

Dial-Back Telephone Number <C+0+C=5>

Dimming <C+0+E=125>

Row	DELAY-A	DELAY-B	DELAY-C	DELAY-D	DELAY-E	DELAY-F
A	0	0	0	0	0	0
B	0	0	0	0	0	0
C	0	0	0	0	0	0
D	0	0	0	0	0	0
E	0	0	0	0	0	0
F	0	0	0	0	0	0

Delay Logic Times <C+0+D=0> (seconds)

Omit Alarm <C/5+F+0>

Disable Alarm Reporting

Time: 10 <C/5+C+0>

Redial Time (minutes) <View Redial Timer at E/2+D+6>

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 1

<C+0+E=27>

Notes:

0 <E/27+5+F>
Limited Service Interval

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 2

<C+0+E=28>

Notes:

0 <E/28+5+F>
Limited Service Interval

Min Time (seconds) <F/1+0+8>

Min Green Before PE Force Off

Max Time (minutes) <F/1+0+9>

Max Preempt Time Before Failure

Min Time (seconds) <F/1+0+A>

Min Time Between Same Preempts

(Does Not Apply To Railroad Preempt)

Low Prt. Channel <E/125+C+8>

Disable Low Priority Channel

- Low Priority
 1 = Channel A
 2 = Channel B
 3 = Channel C
 4 = Channel D

Delay Time (seconds) <F/1+A+D>

Bus Delay

Max Time (seconds) <F/1+A+E>

Max Early Green

Max Time (seconds) <F/1+A+F>

Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

Headway <C+0+9=2.1>

Headway Time
 (minutes)
 1 thru 9 = 1 thru 9
 A = 10
 B = 11
 C = 12
 D = 13
 E = 14
 F = 15

Low Priority Preemption (Bus Priority)

Only available with Program 233RV2.B (and above)

Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

Group Assignment: Old River Rd.
 Field Master Assignment: NONE
 System Reference Number: 78

N/S Street Name: Old River Rd
 EW Street Name: Ming Ave

Change Record			
Change	By	Date	Change

Drop Number	10	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	81	<C/0+0+3>
QuickNet Channel	P-8008:10.21.20	(QuickNet)

Manual Plan	
Manual Offset	
Manual Selection	

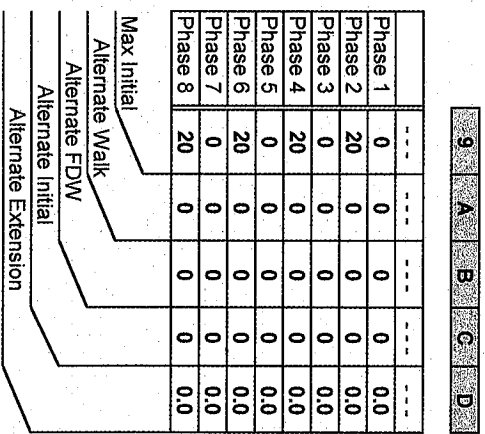
Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	5.0	<F/1+C+0>

Exclusive Walk 0 <F/1+0+0>
 Exclusive FDW 0 <F/1+0+1>
 All Red Clear 0.0 <F/1+0+2>

Exclusive Ped Phase
 (Outputs specified in Assignable
 Outputs at E/17+A+E & F)

Row	Column Numbers ->	Phase							
		1	2	3	4	5	6	7	8
0	Phase Names ->								
1	Ped Walk	0	4	0	4	0	4	0	4
2	Ped FDW	0	30	0	29	0	30	0	29
3	Min Green	6	7	6	7	6	7	6	7
4	Type 3 Disconnect	0	20	0	20	0	20	0	20
5	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Veh Extension	1.5	2.0	1.5	2.0	1.5	2.0	1.5	2.0
7	Max Gap	1.5	4.0	1.5	4.0	1.5	4.0	1.5	4.0
8	Min Gap	1.5	0.2	1.5	0.2	1.5	0.2	1.5	0.2
9	Max Limit	18	36	18	36	18	36	18	36
A	Max Limit 2	18	36	18	36	18	36	18	36
B	Adv. / Delay Walk	0	0	0	0	0	0	0	0
C	PE Min Ped FDW	0	0	0	0	0	0	0	0
D	Cond Serv Check	0	0	0	0	0	0	0	0
E	Reduce Every	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5
F	Yellow Change	3.0	5.0	3.0	4.3	3.0	5.0	3.0	4.3
G	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 1 <C+0+F=1>



Alternate Timing <C+0+F=1>

Row	Phase	1	2	3	4	5	6	7	8
0	RR-1 Delay	0							
1	RR-1 Clear	0							
2	EV-A Delay	0							
3	EV-A Clear	0							
4	EV-B Delay	0							
5	EV-B Clear	0							
6	EV-C Delay	0							
7	EV-C Clear	0							
8	EV-D Delay	0							
9	EV-D Clear	0							
A	RR-2 Delay	0							
B	RR-2 Clear	0							
C	View EV Delay								
D	View EV Clear								
E	View RR Delay								
F	View RR Clear								

Preempt Timing

Row	Phase	1	2	3	4	5	6	7	8
0	Permit	12345678							
1	Red Lock								
2	Yellow Lock								
3	Min Recall								
4	Ped Recall								
5	View Set Peds								
6	Rest In Walk								
7	Red Rest								
8	Dual Entry								
9	Max Recall								
A	Soft Recall								
B	Max 2								
C	Cond. Service								
D	Man Cntrl Calls								
E	Yellow Start								
F	First Phases								

Phase Functions <C+0+F=1>

Row	Column Numbers -->	Overlap
0	1	2
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	0	0
A	0	0
B	0	0
C	0	0
D	0.0	0.0
E	0.0	0.0
F	0.0	0.0

Overlap Assignments <C+0+E=29>

Row	Overlap Name -->	1	2	3	4	5	6	7	8
0	Load Switch Number	0	0	0	0	0	0	0	0
1	Veh Set 1 - Phases								
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases								
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

- Extra 1 Flags
 - 1 = TBC Type 1
 - 2 = NEMA Ext. Coord
 - 3 = Auto Daylight Savings
 - 4 = Solid EDW on EV
 - 5 = Extended Status
 - 6 = International Ped
 - 7 = Flash - Clear Outputs
 - 8 = Split Ring
- Extra 2 Flags
 - 1 = AMB During Initial
 - 2 = LMU Installed
 - 3 = Disable Min Walk
 - 4 = QuickNet/4 System
 - 5 = Ignore P/P on EV
 - 6 =
 - 7 = Reserved
 - 8 =

Row	Coordination Transition Minimums <C+0+C=5>
0	EVA 0
1	EV/B 0
2	EV/C 0
3	EV/D 0
4	RR-1* ---
5	RR-2* ---
6	SE-1 0
7	SE-2 0
8	Preempt
9	Priority
A	<C+0+E=125>
B	(* RR-1 is always Highest, and RR-2 is always Second Highest)
C	
D	
E	
F	

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	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	
8	Disable Ovp Yel Range	
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

Row	Configuration <C+0+E=125>	F
0	Ext. Permit 1 Phases	
1	Ext. Permit 2 Phases	
2	Exclusive Ped Assign	
3	Preempt Non-Lock	12345678
4	Ped for 2P Output	2
5	Ped for 4P Output	6
6	Ped for 6P Output	4
7	Ped for 8P Output	8
8	Yellow Flash Phases	
9	Low Priority A Phases	
A	Low Priority B Phases	
B	Low Priority C Phases	
C	Low Priority D Phases	
D	Restricted Phases	
E	Extra 2 Config. Bits	
F	Configuration <C+0+E=125>	

Row	Specials <C+0+F=2>	F
0	Fast Green Flash Phase	
1	Green Flash Phases	
2	Flashing Walk Phases	
3	Guaranteed Passage	
4	Simultaneous Gap Term	12345678
5	Sequential Timing	
6	Advance Walk Phases	
7	Delay Walk Phases	
8	External Recall	
9	Start-up Overlap Green	
A	Max Extension	
B	Inhibit Ped Reserve	
C	Semi-Actuated	
D	Start-up Overlap Yellow	
E	Start-up Vehicle Calls	12345678
F	Start-up Ped Calls	12345678

Row	Phase	10
0	Phase 1	10
1	Phase 2	10
2	Phase 3	10
3	Phase 4	10
4	Phase 5	10
5	Phase 6	10
6	Phase 7	10
7	Phase 8	10
8	IC Select Flags	
9	1 = Modern	
A	2 = Slave	
B	3 = 7-Wire Slave	
C	4 = Flash / Free	
D	5 =	
E	6 = Simplex Master	
F	7 = 7-Wire Master	
	8 = Offset Interrupter	

INTERSECTION: MING & OLD RIVER 3375

Coord Extra

1 = Programmed WALK Time for Sync Phases
2 = Always Terminate Sync Phase Peds

Column Numbers →	1	2	3	4	5	6	7	8	9
Plan Name →									
Cycle Length	120	120	120	100	100	100	100	100	100
Phase 1 - ForceOff	16	18	16	55	55	55	55	55	55
Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0
Phase 3 - ForceOff	30	78	43	20	20	20	20	20	20
Phase 4 - ForceOff	71	58	80	40	40	40	40	40	40
Phase 5 - ForceOff	86	92	95	55	55	55	55	55	55
Phase 6 - ForceOff	16	18	16	0	0	0	0	0	0
Phase 7 - ForceOff	71	78	80	20	20	20	20	20	20
Phase 8 - ForceOff	53	58	66	40	40	40	40	40	40
Ring Offset	0	0	0	0	0	0	0	0	0
Offset 1	85	7	119	0	0	0	0	0	0
Offset 2	0	0	0	0	0	0	0	0	0
Offset 3	0	0	0	0	0	0	0	0	0
Perm 1 - End	1	1	1	15	15	15	15	15	15
Hold Release	255	255	255	255	255	255	255	255	255
Zone Offset	0	0	0	0	0	0	0	0	0

Coordination - Bank 1 <C+0+C=1>

Row	0	1	2	2	0	0	0	0	0	0	0	0	0	0
Ped Adjustment	0	2	2	2	0	0	0	0	0	0	0	0	0	0
Perm 2 - Start	14	16	14	0	0	0	0	0	0	0	0	0	0	0
Perm 2 - End	18	20	18	0	0	0	0	0	0	0	0	0	0	0
Perm 3 - Start	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perm 3 - End	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reservice Time	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reservice Phases														
Pretimed Phases														
Max Recall	4	8	4	8	4	8								
Perm 1 Veh Phase	1	1	1	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 2 Veh Phase	345 78	345 78	345 78	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 3 Veh Phase	4	8	4	8										
Perm 3 Ped Phase														

Coordination - Bank 2 <C+0+C=2>

Row	0	1	2	3	4	5	6	7	8	9
Plan 1 - Sync		2	6							
Plan 2 - Sync		2	6							
Plan 3 - Sync		2	6							
Plan 4 - Sync		2	6							
Plan 5 - Sync		2	6							
Plan 6 - Sync		2	6							
Plan 7 - Sync		2	6							
Plan 8 - Sync		2	6							
Plan 9 - Sync		2	6							
NEMA Sync										
NEMA Hold										
Coord Extra										

Sync Phases <C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Free Lag		2	4	6	8					
Plan 1 - Lag		1	4	6	7					
Plan 2 - Lag		1	3	6	7					
Plan 3 - Lag		1	4	6	7					
Plan 4 - Lag		2	4	6	8					
Plan 5 - Lag		2	4	6	8					
Plan 6 - Lag		2	4	6	8					
Plan 7 - Lag		2	4	6	8					
Plan 8 - Lag		2	4	6	8					
Plan 9 - Lag		2	4	6	8					
External Lag										

Lag Phases <C+0+C=1>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Prefined	0	Set Monday	0	Dial 2 (7-wire)	0	Sim Term	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-wire)	0	EV-A	71
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-wire)	0	EV-B	72
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Dimming	0	Offset 2 (7-wire)	0	EV-C	73
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4	0	Set Clock	0	Offset 3 (7-wire)	0	EV-D	74
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5	0	Stop Time	82	Free (7-wire)	0	RR-1	51
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6	0	Flash Sense	81	Flash (7-wire)	0	RR-2	52
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Omitt	0	Spec. Event 1	0
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	0
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	0
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	0	OR-2 (a)	0	AND-2 (a)	0
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0

Assignable Inputs

<C+0+E=126>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Phase ON - 1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	0	Dial 2 (7-wire)	0
1	Phase ON - 2	0	Sp Evt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-wire)	0
2	Phase ON - 3	0	Sp Evt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-wire)	0
3	Phase ON - 4	0	Sp Evt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-wire)	0
4	Phase ON - 5	0	Sp Evt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	0	TOD Out 5	0	Offset 3 (7-wire)	0
5	Phase ON - 6	0	Sp Evt Out 5	0		0	Plan 5	0	AND-2	0	TOD Out 6	0	Free (7-wire)	0
6	Phase ON - 7	0	Sp Evt Out 6	0		0	Plan 6	0	AND-3	0	TOD Out 7	0	Flash (7-wire)	0
7	Phase ON - 8	0	Sp Evt Out 7	0		0	Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0
8	Ph. Check - 1	0	Sp Evt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warm - 1	0	Low Priority A	0
9	Ph. Check - 2	0	Detector Fail	0	NOT-4	0	Plan 9	0	EV-B	0	Adv. Warm - 2	0	Low Priority B	0
A	Ph. Check - 3	0	Spec. Funct. 1	0	OR-4	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0
B	Ph. Check - 4	0	Spec. Funct. 2	0	OR-5	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0
C	Ph. Check - 5	0	Central Control	0	AND-4	0	NAND-3	0	RR-1	0	DELAY-C	0		
D	Ph. Check - 6	0	Excl. Ped DW	0	NAND-1	0	OR-7	0	RR-2	0	DELAY-D	0		
E	Ph. Check - 7	0	Excl. Ped WK	0	NAND-2	0	OR-8	0	Spec. Event 1	0	DELAY-E	0		
F	Ph. Check - 8	0		0		0		0	Spec. Event 2	0	DELAY-F	0		

Assignable Outputs

<C+0+E=127>

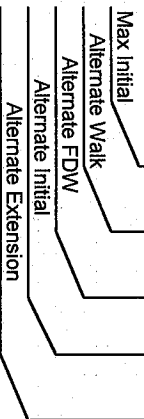
Row	Phase								
	1	2	3	4	5	6	7	8	
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	7	4	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Max Limit 2	30	50	30	40	30	50	30	40
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
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	3.0	3.0	4.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 2

<C+0+F=2>

9	A	B	C	D
---	---	---	---	---
Phase 1	0	0	0	0.0
Phase 2	20	0	0	0.0
Phase 3	0	0	0	0.0
Phase 4	20	0	0	0.0
Phase 5	0	0	0	0.0
Phase 6	20	0	0	0.0
Phase 7	0	0	0	0.0
Phase 8	20	0	0	0.0

Alternate Timing



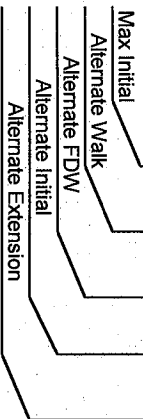
Row	Phase								
	1	2	3	4	5	6	7	8	
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	7	4	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Max Limit 2	30	50	30	40	30	50	30	40
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
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	3.0	3.0	4.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 3

<C+0+F=3>

9	A	B	C	D
---	---	---	---	---
Phase 1	0	0	0	0.0
Phase 2	20	0	0	0.0
Phase 3	0	0	0	0.0
Phase 4	20	0	0	0.0
Phase 5	0	0	0	0.0
Phase 6	20	0	0	0.0
Phase 7	0	0	0	0.0
Phase 8	20	0	0	0.0

Alternate Timing



Transition Type
 0.X = Shortway
 1.X = Lengthen
 X.1 thru X.4 =
 Number of
 cycles when
 lengthing

Transition Type	0.3	<C/5+1+9>
-----------------	-----	-----------

TBC Transition

Lag Hold Phases		<C/5+1+A>
-----------------	--	-----------

Coordinated Lag Hold Phases

Sync Output Time	0.0	<C/5+1+C>
------------------	-----	-----------

7-Wire Master

Daylight Savings
 Date
 If set to all zeros,
 standard dates
 will be used.

Begin Month	4	<C/5+2+A>
Begin Week	1	<C/5+2+B>
End Month	10	<C/5+2+C>
End Week	5	<C/5+2+D>

Daylight Savings Time

Time B4 Yellow	0.0	<F/1+C+E>
Phase Number	0	<F/1+C+F>

Advance Warning Beacon - Sign 1

Time B4 Yellow	0.0	<F/1+D+E>
Phase Number	0	<F/1+D+F>

Advance Warning Beacon - Sign 2

Long Failure	0.7	<F/1+0+6>
Short Failure	0.7	<F/1+0+7>

Power Cycle Correction (Default = 0.7)

Row	Detector Name	Column Numbers -->			
		C1 Pin Number	Attributes	Phase(s)	Assign
0		39	45 7	2	123
1		40	45 7	6	123
2		41	45 7	4	123
3		42	45 7	8	123
4		43	45 7	2	123
5		44	45 7	6	123
6		45	45 7	4	123
7		46	45 7	8	123
8		47	67	2	123
9		48	67	6	123
A		49	67	4	123
B		50	67	8	123
C		55	45 7	5	123
D		56	45 7	1	123
E		57	45 7	7	123
F		58	45 7	3	123

1	Delay	Carry-over	
		2	3
0.0	2.5	0.0	0.0
0.0	2.5	0.0	0.0
0.0	2.5	0.0	0.0
0.0	2.5	0.0	0.0
10.0	0.0	0.0	0.0
10.0	0.0	0.0	0.0
10.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

Row	Detector Name	C1 Pin			
		Number	Attributes	Phase(s)	Assign
0		59	45 7	5	123
1		60	45 7	1	123
2		61	45 7	7	123
3		62	45 7	3	123
4		63	45 7	2	123
5		64	45 7	6	123
6		65	45 7	4	123
7		66	45 7	8	123
8		67	2	2	123
9		68	2	6	123
A		69	2	4	123
B		70	2	8	123
C		76	45 7	2	123
D		77	45 7	6	123
E		78	45 7	4	123
F		79	45 7	8	123

Detector Assignments <C+0+E=126>

2	Delay	Carry-over	
		3	4
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
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 Attributes
 1 = Full Time Delay
 2 = Ped Call
 3 =
 4 = Count
 5 = Extension
 6 = Type 3
 7 = Calling
 8 = Alternate

Det. Assignments
 1 = Det. Set 1
 2 = Det. Set 2
 3 = Det. Set 3
 4 =
 5 =
 6 = Failure - Min Recall
 7 = Failure - Max Recall
 8 = Report on Failure

Column Numbers -->	Ped / Phase / Overlap							
	1	2	3	4	5	6	7	8
Walk	0	0	0	0	0	0	0	0
Don't Walk	0	0	0	0	0	0	0	0
Phase Green	0	0	0	0	0	0	0	0
Phase Yellow	0	0	0	0	0	0	0	0
Phase Red	0	0	0	0	0	0	0	0
Overlap Green	0	0	0	0	0	0	0	0
Overlap Yellow	0	0	0	0	0	0	0	0
Overlap Red	0	0	0	0	0	0	0	0

Redirect Phase Outputs <C+0+E=127>

Cabinet Type 0 <E/125+D+0>
 Enable Redirection (Enable Redirection = 30)

Max OFF (minutes) 20 <D/0+0+1>
 Max ON (minutes) 7 <E/0+0+2>

Detector Failure Monitor

Output Port	Output
Output Port 1	
Output Port 2	
Output Port 3	
Output Port 4	
Output Port 5	
Output Port 6	
Output Port 7	

Dimming <C+0+E=125>

Number of Digits	D
1 st Digit	0
2 ed Digit	0
3 ed Digit	0
4 th Digit	0
5 th Digit	0
6 th Digit	0
7 th Digit	0
8 th Digit	0
9 th Digit	0
10 th Digit	0
11 th Digit	0
12 th Digit	0
13 th Digit	0
14 th Digit	0
15 th Digit	0

Dial-Back Telephone Number <C+0+C=5>

Number of Digits	D	A	B	Row
1 st Digit	0	0	0	A
2 ed Digit	0	0	0	B
3 ed Digit	0	0	0	C
4 th Digit	0	0	0	D
5 th Digit	0	0	0	E
6 th Digit	0	0	0	F

Disable Alarms
 1 = Stop Time
 2 = Flash Sense
 3 = Keyboard Entry
 4 = Manual Plan
 5 = Police Control
 6 = External Alarm
 7 = Detector Failure
 8 =

Delay Logic Times <C+0+D=0> (seconds)

Omit Alarm <C/5+F+0>

Disable Alarm Reporting

Redial Time (minutes) <C/5+C+0>
 View Redial Timer at E/2+D+6

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omnit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 1

<C+0+E=27>

Notes:

0 <E/27+5+F>

Limited Service Interval

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omnit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 2

<C+0+E=28>

Notes:

0 <E/28+5+F>

Limited Service Interval

Min Time (seconds) <F/1+0+8>

Min Green Before PE Force Off

Max Time (minutes) <F/1+0+9>

Max Preempt Time Before Failure

Min Time (seconds) <F/1+0+A>

Min Time Between Same Preempts

(Does Not Apply To Railroad Preempt)

Low Pri. Channel <E/125+C+8>

Disable Low Priority Channel

- Low Priority
- 1 = Channel A
- 2 = Channel B
- 3 = Channel C
- 4 = Channel D

Delay Time (seconds) <F/1+A+D>

Bus Delay

Max Time (seconds) <F/1+A+E>

Max Early Green

Max Time (seconds) <F/1+A+F>

Max Green Extension

Row/	Time	Headway	Direction	Day of Week
0	00 : 00	0	0	
1	00 : 00	0	0	
2	00 : 00	0	0	
3	00 : 00	0	0	
4	00 : 00	0	0	
5	00 : 00	0	0	
6	00 : 00	0	0	
7	00 : 00	0	0	
8	00 : 00	0	0	
9	00 : 00	0	0	
A	00 : 00	0	0	
B	00 : 00	0	0	
C	00 : 00	0	0	
D	00 : 00	0	0	
E	00 : 00	0	0	
F	00 : 00	0	0	

Headway <C+0+9=2.1>

Headway Time (minutes)
 1 thru 9 = 1 thru 9
 A = 10
 B = 11
 C = 12
 D = 13
 E = 14
 F = 15

Low Priority Preemption (Bus Priority)
 Only available with Program 233RV2_B (and above)
 Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

Group Assignment: Not Assigned

Field Master Assignment: NONE

System Reference Number: 19

N/S Street Name: OAK ST
 EW Street Name: CALIFORNIA AVE

Change Record			
Change	By	Date	Change

Notes:

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

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

Drop Number	7	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	19	<C/0+0+3>
QuicNet Channel	P-8015:10.21.20	(QuicNet)

Manual Selection	
Manual Plan	<C/0+A+1>
Manual Offset	<C/0+B+1>

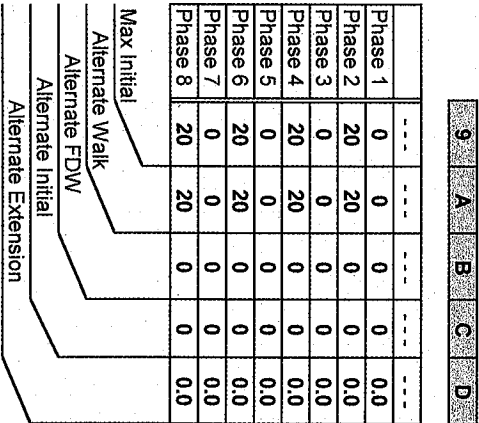
Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	5.0	<F/1+C+0>

Exclusive Walk	0	<F/1+0+0>
Exclusive FDW	0	<F/1+0+1>
All Red Clear	0.0	<F/1+0+2>

Exclusive Ped Phase
 (Outputs specified in Assignable Outputs at E1/27+A+E & F)

Row	Phase Names ->	Phase									
		1	2	3	4	5	6	7	8		
0	Ped Walk	0	4	0	4	0	4	0	4	0	4
1	Ped FDW	0	24	0	25	0	24	0	25	0	25
2	Min Green	6	8	6	8	6	8	6	8	6	8
3	Type 3 Disconnect	0	20	0	20	0	15	0	20	0	20
4	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	1.0	2.0	1.0	2.0	1.5	2.0	1.5	2.0	1.5	2.0
6	Max Gap	1.0	4.0	1.0	4.0	1.5	4.0	1.5	4.0	1.5	4.0
7	Min Gap	1.0	0.2	1.0	0.2	1.5	0.2	1.5	0.2	1.5	0.2
8	Max Limit	16	45	20	40	30	45	20	40	30	40
9	Max Limit 2	16	40	20	34	30	40	20	40	30	40
A	Adv / Delay Walk	0	0	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10	10	10
D	Reduce Every	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.5
E	Yellow Change	3.6	4.3	3.6	3.9	3.6	4.3	3.6	3.9	3.6	3.9
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Column Numbers -> 1 2 3 4 5 6 7 8
 Phase Timing - Bank 1 <C+0+F=1>



Alternate Timing <C+0+F=1>

Row	Phase	Value
0	RR-1 Delay	0
1	RR-1 Clear	0
2	EV-A Delay	0
3	EV-A Clear	2
4	EV-B Delay	0
5	EV-B Clear	2
6	EV-C Delay	0
7	EV-C Clear	2
8	EV-D Delay	0
9	EV-D Clear	2
A	RR-2 Delay	0
B	RR-2 Clear	0
C	View EV Delay	---
D	View EV Clear	---
E	View RR Delay	---
F	View RR Clear	---

Row	Phase	Value
0	Permit	12345678
1	Red Lock	---
2	Yellow Lock	---
3	Min Recall	---
4	Ped Recall	---
5	View Set Peds	-----
6	Rest In Walk	---
7	Red Rest	---
8	Dual Entry	---
9	Max Recall	---
A	Soft Recall	---
B	Max 2	---
C	Cond. Services	---
D	Man Cntrl Calls	2 6
E	Yellow Start	---
F	First Phases	4 8

Phase Functions <C+0+F=1>

Row	Overlap Name -->	Overlap							
		1	2	3	4	5	6	7	8
0	Load Switch Number	0	0	0	0	0	0	0	0
1	Veh Set 1 - Phases								
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases								
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments <C+0+E=29>

- Extra 1 Flags
 1 = TBC Type 1
 2 = NEMA Ext. Coord
 3 = Auto Daylight Savings
 4 = Solid FDW on EV
 5 = Extended Status
 6 = International Ped
 7 = Flash - Clear Outputs
 8 = Split Ring
- Extra 2 Flags
 1 = AMVB During Initial
 2 = LMU Installed
 3 = Disable Min Walk
 4 = QuickNet/4 System
 5 = Ignore P/P on EV
 6 =
 7 = Reserved
 8 =

Row	EV/A	C
0	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	0	0
A	0	0
B	0	0
C	0	0
D	0	0
E	0	0
F	0	0

Priority
 <C+0+E=125>
 (** RR-1 is always Highest, and RR-2 is always Second Highest)

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	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	
8	Disable Ovp Yel Range	
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 <C+0+E=125>

Row	F
0	Ext. Permit 1 Phases
1	Ext. Permit 2 Phases
2	Exclusive Ped Assign
3	Preempt Non-Lock
4	Ped for 2P Output
5	Ped for 6P Output
6	Ped for 4P Output
7	Ped for 8P Output
8	Yellow Flash Phases
9	Low Priority A Phases
A	Low Priority B Phases
B	Low Priority C Phases
C	Low Priority D Phases
D	Restricted Phases
E	Extra 2 Config. Bits
F	

Configuration <C+0+E=125>

Row	F
0	Fast Green Flash Phase
1	Green Flash Phases
2	Flashing Walk Phases
3	Guaranteed Passage
4	Simultaneous Gap Term
5	Sequential Timing
6	Advance Walk Phases
7	Delay Walk Phases
8	External Recall
9	Start-up Overlap Green
A	Max Extension
B	Inhibit Ped Reserve
C	Semi-Actuated
D	Start-up Overlap Yellow
E	Start-up Vehicle Calls
F	Start-up Ped Calls

Specials <C+0+E=2>

Row	Phase	2
0	Phase 1	10
1	Phase 2	10
2	Phase 3	10
3	Phase 4	10
4	Phase 5	10
5	Phase 6	10
6	Phase 7	10
7	Phase 8	10
8	Phase 9	10
9	Phase 10	10
A	Phase 11	10
B	Phase 12	10
C	Phase 13	10
D	Phase 14	10
E	Phase 15	10
F	Phase 16	10

Coordination
 Transition
 Minimums
 <C+0+C=5>

- IC Select Flags
 1 = Modern
 2 = Modern
 3 = 7-Wire Slave
 4 = Flash / Free
 5 =
 6 = Simplex Master
 7 = 7-Wire Master
 8 = Offset Interrupter

INTERSECTION: CALIF&OAK 1242

Coord Extra

1 = Programmed WALK Time for Sync Phases
2 = Always Terminate Sync Phase Peds

Column Numbers →	1	2	3	4	5	6	7	8	9
Plan Name →									
Cycle Length	120	120	120	0	100	100	100	100	100
Phase 1 - ForceOff	99	99	98	55	55	55	55	55	55
Phase 2 - ForceOff	34	31	27	0	0	0	0	0	0
Phase 3 - ForceOff	84	50	85	20	20	20	20	20	20
Phase 4 - ForceOff	70	85	72	40	40	40	40	40	40
Phase 5 - ForceOff	34	31	27	55	55	55	55	55	55
Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0
Phase 7 - ForceOff	84	85	45	20	20	20	20	20	20
Phase 8 - ForceOff	70	71	85	40	40	40	40	40	40
Ring Offset	0	0	0	0	0	0	0	0	0
Offset 1	60	104	114	0	0	0	0	0	0
Offset 2	0	0	0	0	0	0	0	0	0
Offset 3	0	0	0	0	0	0	0	0	0
Perm 1 - End	10	10	10	15	15	15	15	15	15
Hold Release	255	255	255	255	255	255	255	255	255
Zone Offset	0	0	0	0	0	0	0	0	0

Coordination - Bank 1 <C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Ped Adjustment	0	0	0	0	0	0	0	0	0	0
Perm 2 - Start	32	29	25	0	0	0	0	0	0	0
Perm 2 - End	36	33	29	0	0	0	0	0	0	0
Perm 3 - Start	0	0	0	0	0	0	0	0	0	0
Perm 3 - End	0	0	0	0	0	0	0	0	0	0
Reservice Time	0	0	0	0	0	0	0	0	0	0
Reservice Phases										
Pretimed Phases										
Max Recall										
Perm 1 Veh Phase	5	5	5	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 1 Ped Phase				12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 2 Veh Phase	1 34 78	1 34 78	1 34 78							
Perm 2 Ped Phase	4 8	4 8	4 8							
Perm 3 Veh Phase										
Perm 3 Ped Phase										

Coordination - Bank 2 <C+0+C=2>

Row	0	1	2	3	4	5	6	7	8	9
Plan 1 - Sync	2	6								
Plan 2 - Sync	2	6								
Plan 3 - Sync	2	6								
Plan 4 - Sync	2	6								
Plan 5 - Sync	2	6								
Plan 6 - Sync	2	6								
Plan 7 - Sync	2	6								
Plan 8 - Sync	2	6								
Plan 9 - Sync	2	6								
NEMA Sync										
NEMA Hold										
Coord Extra	1									

Sync Phases <C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Free Lag	2	4	6	8						
Plan 1 - Lag	23	5	7							
Plan 2 - Lag	2	4	5	7						
Plan 3 - Lag	23	5	8							
Plan 4 - Lag	2	4	6	8						
Plan 5 - Lag	2	4	6	8						
Plan 6 - Lag	2	4	6	8						
Plan 7 - Lag	2	4	6	8						
Plan 8 - Lag	2	4	6	8						
Plan 9 - Lag	2	4	6	8						
External Lag										
Lag Phases										

Lag Phases <C+0+C=1>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Prelined	0	Set Monday	0	Dial 2 (7-Wire)	0	Sim Term	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-Wire)	0	EV-A	71
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-Wire)	0	EV-B	72
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Dimming	0	Offset 2 (7-Wire)	0	EV-C	73
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4	0	Set Clock	0	Offset 3 (7-Wire)	0	EV-D	74
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5	0	Stop Time	82	Free (7-Wire)	0	RR-1	51
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6	0	Flash Sense	81	Flash (7-Wire)	0	RR-2	52
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Omit	0	Spec. Event 1	0
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	0
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	0
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	0	OR-2 (a)	0	AND-2 (a)	0
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0

Assignable Inputs

<C+0+E=126>

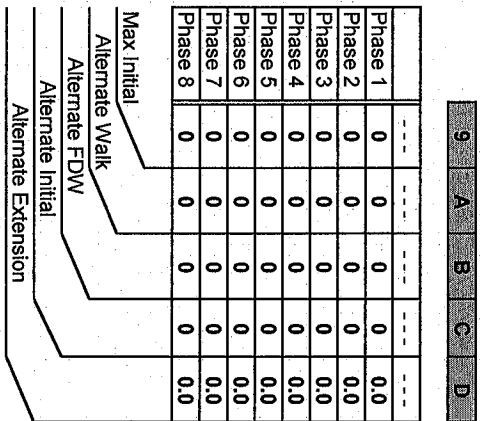
Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Phase ON - 1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	0	Dial 2 (7-Wire)	0
1	Phase ON - 2	0	Sp Evt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-Wire)	0
2	Phase ON - 3	0	Sp Evt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-Wire)	0
3	Phase ON - 4	0	Sp Evt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-Wire)	0
4	Phase ON - 5	0	Sp Evt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	0	TOD Out 5	0	Offset 3 (7-Wire)	0
5	Phase ON - 6	0	Sp Evt Out 5	0		0	Plan 5	0	AND-2	0	TOD Out 6	0	Free (7-Wire)	0
6	Phase ON - 7	0	Sp Evt Out 6	0		0	Plan 6	0	AND-3	0	TOD Out 7	0	Flash (7-Wire)	0
7	Phase ON - 8	0	Sp Evt Out 7	0		0	Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0
8	Ph. Check - 1	0	Sp Evt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warn - 1	0	Low Priority A	0
9	Ph. Check - 2	0	Detector Fail	0	NOT-4	0	Plan 9	0	EV-B	0	Adv. Warn - 2	0	Low Priority B	0
A	Ph. Check - 3	0	Spec. Funct. 1	0	OR-5	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0
B	Ph. Check - 4	0	Spec. Funct. 2	0	OR-6	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0
C	Ph. Check - 5	0	Central Control	0	AND-4	0	NAND-3	0	RR-1	0	DELAY-C	0		
D	Ph. Check - 6	0	Excl. Ped DW	0	NAND-1	0	OR-7	0	RR-2	0	DELAY-D	0		
E	Ph. Check - 7	0	Excl. Ped WK	0	NAND-2	0	OR-8	0	Spec. Event 1	0	DELAY-E	0		
F	Ph. Check - 8	0		0		0		0	Spec. Event 2	0	DELAY-F	0		

Assignable Outputs

<C+0+E=127>

Row	Phase								
	1	2	3	4	5	6	7	8	
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	7	4	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	6.0	3.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Adv. / Delay Walk	0	0	0	0	0	0	0	0
A	PE Min Ped FDW	7	7	7	7	7	7	7	7
B	Cond Serv Check	10	10	10	10	10	10	10	10
C	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
D	Yellow Change	3.0	4.0	3.0	3.0	4.0	3.0	3.0	3.0
E	Yellow Change	3.0	4.0	3.0	3.0	4.0	3.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

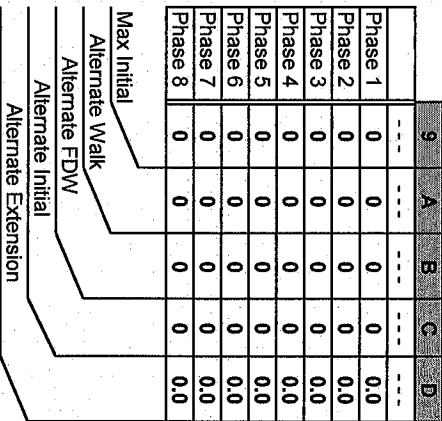
Phase Timing - Bank 2 <C+0+F=2>



Alternate Timing

Row	Phase								
	1	2	3	4	5	6	7	8	
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	7	4	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	6.0	3.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Max Limit 2	30	50	30	40	30	50	30	40
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
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	3.0	4.0	3.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 3 <C+0+F=3>



Alternate Timing

Transition Type
 0.X = Shortkey
 1.X = Lengthen
 X.1 thru X.4 = Number of cycles when lengthening

Daylight Savings
 Date
 If set to all zeros, standard dates will be used.

Transition Type **1.3** <C/5+1+G>
TBC Transition

Lag Hold Phases **<C/5+1+A>**
Coordinated Lag Hold Phases

Sync Output Time **0.0** <C/5+1+C>
7-Wire Master

Begin Month **4** <C/5+2+A>
 Begin Week **1** <C/5+2+B>
 End Month **10** <C/5+2+C>
 End Week **5** <C/5+2+D>
Daylight Savings Time

Time B4 Yellow **0.0** <F/1+C+E>
 Phase Number **0** <F/1+C+F>
Advance Warning Beacon - Sign 1

Time B4 Yellow **0.0** <F/1+D+E>
 Phase Number **0** <F/1+D+F>
Advance Warning Beacon - Sign 2

Long Failure **0.7** <F/1+0+6>
 Short Failure **0.7** <F/1+0+7>
Power Cycle Correction (Default = 0.7)

Row	Column Numbers -->			C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
	0	1	2						
0				39	45 7	2	123	0.0	2.5
1				40	45 7	6	123	0.0	2.5
2				41	45 7	4	123	0.0	2.5
3				42	45 7	8	123	0.0	2.5
4				43	45 7	2	123	10.0	0.0
5				44	45 7	6	123	10.0	0.0
6				45	45 7	4	123	10.0	0.0
7				46	45 7	8	123	0.0	0.0
8				47	67	2	123	0.0	0.0
9				48	67	6	123	0.0	0.0
A				49	67	4	123	0.0	0.0
B				50	67	8	123	0.0	0.0
C				55	45 7	5	123	0.0	0.0
D				56	45 7	1	123	0.0	0.0
E				57	45 7	7	123	0.0	0.0
F				58	45 7	3	123	0.0	0.0

Row	Ped / Phase / Overlap							
	1	2	3	4	5	6	7	8
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0

Redirect Phase Outputs <C+0+E=127>

Row	Output Port 1	Output Port 2	Output Port 3	Output Port 4	Output Port 5	Output Port 6	Output Port 7
0							
1							
2							
3							
4							
5							
6							
7							

Row	Detector Name	C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
0		59	45 7	5	123	0.0	0.0
1		60	45 7	1	123	0.0	0.0
2		61	45 7	7	123	0.0	0.0
3		62	45 7	3	123	0.0	0.0
4		63	45 7	2	123	0.0	0.0
5		64	45 7	6	123	0.0	0.0
6		65	45 7	4	123	0.0	0.0
7		66	45 7	8	123	0.0	0.0
8		67	2	2	123	0.0	0.0
9		68	2	6	123	0.0	0.0
A		69	2	4	123	0.0	0.0
B		70	2	8	123	0.0	0.0
C		76	45 7	2	123	0.0	0.0
D		77	45 7	6	123	0.0	0.0
E		78	45 7	4	123	0.0	0.0
F		79	45 7	8	123	0.0	0.0

Detector Assignments <C+0+E=126>

Detector Attributes

- 1 = Full Time Delay
- 2 = Ped Call
- 3 =
- 4 = Count
- 5 = Extension
- 6 = Type 3
- 7 = Calling
- 8 = Alternate

Det. Assignments

- 1 = Det. Set 1
- 2 = Det. Set 2
- 3 = Det. Set 3
- 4 =
- 5 =
- 6 = Failure - Min Recall
- 7 = Failure - Max Recall
- 8 = Report on Failure

Detector Failure Monitor

Number of Digits	D
1 st Digit	0
2 ed Digit	0
3 ed Digit	0
4 th Digit	0
5 th Digit	0
6 th Digit	0
7 th Digit	0
8 th Digit	0
9 th Digit	0
10 th Digit	0
11 th Digit	0
12 th Digit	0
13 th Digit	0
14 th Digit	0
15 th Digit	0

Enable Redirection (Enable Redirection = 30)

Max OFF (minutes) 20 <D/0+0+1>

Max ON (minutes) 7 <D/0+0+2>

Dimming <C+0+E=125>

Row	DELAY-A	DELAY-B	DELAY-C	DELAY-D	DELAY-E	DELAY-F
A	0	0	0	0	0	0
B	0	0	0	0	0	0
C	0	0	0	0	0	0
D	0	0	0	0	0	0
E	0	0	0	0	0	0
F	0	0	0	0	0	0

Delay Logic Times <C+0+D=0> (seconds)

Orbit Alarm <C/5+F+0>

Disable Alarm Reporting

Redial Time (minutes) 10 <C/5+C+0>

(View Redial Timer at E/2+D+6)

Dial-Back Telephone Number <C+0+C=5>

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omnit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 1

<C+0+E=27>

Notes:

0 <E/27+5+F>
 Limited Service Interval

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omnit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 2

<C+0+E=28>

Notes:

0 <E/28+5+F>
 Limited Service Interval

Min Time (seconds) <F/1+0+8>
Min Green Before PE Force Off

Max Time (minutes) <F/1+0+9>
Max Preempt Time Before Failure

Min Time (seconds) <F/1+0+A>
Min Time Between Same Preempts
 (Does Not Apply To Railroad Preempt)

Low Pri. Channel <E/125+C+8>
Disable Low Priority Channel

- Low Priority
 1 = Channel A
 2 = Channel B
 3 = Channel C
 4 = Channel D

Delay Time (seconds) <F/1+A+D>
Bus Delay

Max Time (seconds) <F/1+A+E>
Max Early Green

Max Time (seconds) <F/1+A+F>
Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

Headway <C+0+9=2.1>

Headway Time
 (minutes)
 1 thru 9 = 1 thru 9
 A = 10
 B = 11
 C = 12
 D = 13
 E = 14
 F = 15

Low Priority Preemption (Bus Priority)
 Only available with Program 233RV2.B (and above)
 Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

Change Record			
Change	By	Date	Change

Notes:

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

Drop Number	19	<C/0+0+0>
Zone Number	0	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	31	<C/0+0+3>
QuickNet Channel	P-8001:10.21.20 (QuickNet)	

Communication Addresses

Manual Plan	
Manual Offset	

Manual Selection

<C/0+A+1>
<C/0+B+1>

Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	5.0	<F/1+C+0>

Start / Revert Times

<F/1+0+E>
<F/1+0+F>
<F/1+C+0>

Exclusive Walk	0	<F/1+0+0>
Exclusive FDW	0	<F/1+0+1>
All Red Clear	0.0	<F/1+0+2>

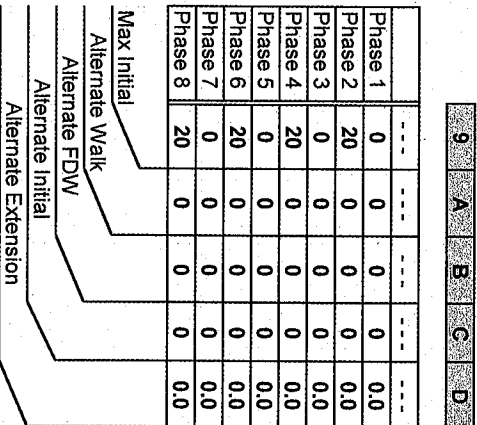
Exclusive Ped Phase

(Outputs specified in Assignable Outputs at E/127+A+E & F)

Row	Column Numbers ->	Phase							
		1	2	3	4	5	6	7	8
0	Phase Names ->								
1	Ped Walk	0	4	0	4	0	4	0	4
2	Ped FDW	0	27	0	25	0	24	0	27
3	Min Green	6	7	6	7	6	7	6	7
4	Type 3 Disconnect	0	20	0	20	0	20	0	20
5	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Veh Extension	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0
7	Max Gap	1.0	4.0	1.0	4.0	1.0	4.0	1.0	4.0
8	Min Gap	1.0	0.2	1.0	0.2	1.0	0.2	1.0	0.2
9	Max Limit	25	40	20	40	25	40	30	40
A	Adv / Delay Walk	0	50	30	40	30	50	30	40
B	PE Min Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
D	Reduce Evey	1.0	0.5	1.0	0.5	1.0	0.5	1.0	0.5
E	Yellow Change	3.0	4.3	3.0	4.3	3.0	4.3	3.0	4.3
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 1

<C+0+F=1>



Alternate Timing <C+0+F=1>

9	A	B	C	D	E
RR-1 Delay	0	0	0	0	0
RR-1 Clear	0	0	0	0	0
EV-A Delay	0	0	0	0	0
EV-A Clear	2	0	0	0	0
EV-B Delay	0	0	0	0	0
EV-B Clear	2	0	0	0	0
EV-C Delay	0	0	0	0	0
EV-C Clear	0	0	0	0	0
EV-D Delay	2	0	0	0	0
EV-D Clear	2	0	0	0	0
RR-2 Delay	0	0	0	0	0
RR-2 Clear	0	0	0	0	0
RR-2 Delay	0	0	0	0	0
RR-2 Clear	0	0	0	0	0
View EV Delay	---	---	---	---	---
View EV Clear	---	---	---	---	---
View RR Delay	---	---	---	---	---
View RR Clear	---	---	---	---	---

Preempt Timing

Row	Phase Functions <C+0+F=1>
0	Permit 12345678
1	Red Lock
2	Yellow Lock
3	Min Recall
4	Ped Recall
5	View Set Peds
6	Rest In Walk
7	Red Rest
8	Dual Entry
9	Max Recall
A	Soft Recall
B	Max 2
C	Cond. Service
D	Man Cntrl Calls
E	Yellow Start
F	First Phases

Phase Functions <C+0+F=1>

Row	Column Numbers → Overlap Name →	Overlap							
		1	2	3	4	5	6	7	8
0	Load Switch Number	0	0	0	0	0	0	0	0
1	Veh Set 1 - Phases								
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases								
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
E	Yellow Change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments <C+0+E=29>

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	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	
8	Disable Ovp Yel Range	
9	Overlap Yellow Flash	
A	EVA 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

Row	Column Numbers →	F
0	Ext. Permit 1 Phases	
1	Ext. Permit 2 Phases	
2	Exclusive Ped Assign	
3	Preempt Non-Lock	12345678
4	Ped for 2P Output	2
5	Ped for 6P Output	6
6	Ped for 4P Output	4
7	Ped for 8P Output	8
8	Yellow Flash Phases	
9	Low Priority A Phases	2
A	Low Priority B Phases	
B	Low Priority C Phases	6
C	Low Priority D Phases	
D	Restricted Phases	
E	Extra 2 Config. Bits	
F	Configuration	<C+0+E=125>

Row	Column Numbers →	F
0	Fast Green Flash Phase	
1	Green Flash Phases	
2	Flashing Walk Phases	
3	Guaranteed Passage	
4	Simultaneous Gap Term	12345678
5	Sequential Timing	
6	Advance Walk Phases	
7	Delay Walk Phases	
8	External Recall	
9	Start-up Overlap Green	
A	Max Extension	
B	Inhibit Ped Reservice	
C	Semi-Actuated	
D	Start-up Overlap Yellow	
E	Start-up Vehicle Calls	12345678
F	Start-up Ped Calls	12345678

Row	Column Numbers →	F
0	Flash to PE & PE Non-Lock	
1	1 = EV A 5 = RR 1	
2	2 = EV B 6 = RR 2	
3	3 = EV C 7 = SE 1	
4	4 = EV D 8 = SE 2	
5	IC Select Flags	
6	1 = Modern	
7	2 = Modern	
8	3 = 2-Wire Slave	
9	4 = Flash / Free	
A	5 =	
B	6 = Simplex Master	
C	7 = 7-Wire Master	
D	8 = Offset Interrupter	
E	Coordination Transition Minimums	
F	<C+0+C=5>	

Row	Column Numbers →	2
0	Phase 1	10
1	Phase 2	10
2	Phase 3	10
3	Phase 4	10
4	Phase 5	10
5	Phase 6	10
6	Phase 7	10
7	Phase 8	10
8		
9		
A		
B		
C		
D		
E		
F		

- Extra 1 Flags
- 1 = TBC Type 1
- 2 = NEMA Ext. Coord
- 3 = Auto Daylight Savings
- 4 = Solid FDW on EV
- 5 = Extended Status
- 6 = International Ped
- 7 = Flash - Clear Outputs
- 8 = Split Ring

- Extra 2 Flags
- 1 = AMB During Initial
- 2 = LMU Installed
- 3 = Disable Min Walk
- 4 = QuickRel4 System
- 5 = Ignore P/P on EV
- 6 =
- 7 = Reserved
- 8 =

Preempt Priority <C+0+E=125>
 (* RR-1 is always Highest, and RR-2 is always Second Highest)

INTERSECTION: CALIF&STOCKDALE 1240

Coord Extra

1 = Programmed WALK Time for Sync Phases
2 = Always Terminate Sync Phase Peds

Column Numbers ->	1	2	3	4	5	6	7	8	9
Plan Name ->									
Cycle Length	120	120	120	0	100	100	100	100	100
Phase 1 - ForceOff	100	21	103	55	55	55	55	55	55
Phase 2 - ForceOff	18	0	20	0	0	0	0	0	0
Phase 3 - ForceOff	35	38	37	20	20	20	20	20	20
Phase 4 - ForceOff	84	82	78	40	40	40	40	40	40
Phase 5 - ForceOff	18	21	20	55	55	55	55	55	55
Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0
Phase 7 - ForceOff	84	82	78	20	20	20	20	20	20
Phase 8 - ForceOff	54	57	55	40	40	40	40	40	40
Ring Offset	0	0	0	0	0	0	0	0	0
Offset 1	0	10	2	0	0	0	0	0	0
Offset 2	0	0	0	0	0	0	0	0	0
Offset 3	0	0	0	0	0	0	0	0	0
Perm 1 - End	1	5	1	15	15	15	15	15	15
Hold Release	255	255	255	255	255	255	255	255	255
Zone Offset	0	0	0	0	0	0	0	0	0

Coordination - Bank 1

<C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Perm 2 - Start	0	0	4	0	0	0	0	0	0	0
Perm 2 - End	16	18	17	0	0	0	0	0	0	0
Perm 3 - Start	0	0	0	0	0	0	0	0	0	0
Perm 3 - End	0	0	0	0	0	0	0	0	0	0
Reservice Time	0	0	0	0	0	0	0	0	0	0
Reservice Phases										
Pretimed Phases										
Max Recall										
Perm 1 Veh Phase	5	1	5	5	12345678	12345678	12345678	12345678	12345678	12345678
Perm 2 Veh Phase	1 34 78	34 78	1 34 78	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 3 Veh Phase	4 8	4 8	4 8							
Perm 3 Ped Phase										

Coordination - Bank 2

<C+0+C=2>

Row	0	1	2	3	4	5	6	7	8	9
Plan 1 - Sync		2	6							
Plan 2 - Sync		2	6							
Plan 3 - Sync		2	6							
Plan 4 - Sync		2	6							
Plan 5 - Sync		2	6							
Plan 6 - Sync		2	6							
Plan 7 - Sync		2	6							
Plan 8 - Sync		2	6							
Plan 9 - Sync		2	6							
NEMA Sync										
NEMA Hold										
Coord Extra		1								

Sync Phases

<C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Free Lag		2	4	6	8					
Plan 1 - Lag		2	4	5	7					
Plan 2 - Lag		1	4	5	7					
Plan 3 - Lag		2	4	5	7					
Plan 4 - Lag		2	4	6	8					
Plan 5 - Lag		2	4	6	8					
Plan 6 - Lag		2	4	6	8					
Plan 7 - Lag		2	4	6	8					
Plan 8 - Lag		2	4	6	8					
Plan 9 - Lag		2	4	6	8					
External Lag										

Lag Phases

<C+0+C=1>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row
0	Spec. Funct. 1	NOT-3	Max 2	Pretimed	Set Monday	Dial 2 (7-wire)	Sim Term	0
1	Spec. Funct. 2	NOT-4	System Det 1	Plan 1	Ext. Perm 1	Dial 3 (7-wire)	EV-A	71
2	Spec. Funct. 3	OR-4 (a)	System Det 2	Plan 2	Ext. Perm 2	Offset 1 (7-wire)	EV-B	72
3	Spec. Funct. 4	OR-4 (b)	System Det 3	Plan 3	Dimming	Offset 2 (7-wire)	EV-C	73
4	NAND-3 (a)	OR-5 (a)	System Det 4	Plan 4	Set Clock	Offset 3 (7-wire)	EV-D	74
5	NAND-3 (b)	OR-5 (b)	System Det 5	Plan 5	Stop Time	Free (7-wire)	RR-1	51
6	NAND-4 (a)	OR-6 (a)	System Det 6	Plan 6	Flash Sense	Flash (7-wire)	RR-2	52
7	NAND-4 (b)	OR-6 (b)	System Det 7	Plan 7	Manual Enable	Excl. Ped Omit	Spec. Event 1	0
8	OR-7 (a)	Fig 3 Diamond	System Det 8	Plan 8	Man. Advance	NOT-1	Spec. Event 2	0
9	OR-7 (b)	Fig 4 Diamond	Max Inhibit (nema)	Plan 9	External Alarm	NOT-2	External Lag	0
A	OR-7 (c)	AND-4 (a)	Force A (nema)	DELAY-A	Phase Bank 2	OR-1 (a)	AND-1 (a)	0
B	OR-7 (d)	AND-4 (b)	Force B (nema)	DELAY-B	Phase Bank 3	OR-1 (b)	AND-1 (b)	0
C	OR-8 (a)	NAND-1 (a)	C.N.A. (nema)	DELAY-C	Overlap Set 2	OR-2 (a)	AND-2 (a)	0
D	OR-8 (b)	NAND-1 (b)	Hold (nema)	DELAY-D	Overlap Set 3	OR-2 (b)	AND-2 (b)	0
E	OR-8 (c)	NAND-2 (a)	Max Recall	DELAY-E	Detector Set 2	OR-3 (a)	AND-3 (a)	0
F	OR-8 (d)	NAND-2 (b)	Min Recall	DELAY-F	Detector Set 3	OR-3 (b)	AND-3 (b)	0

Assignable Inputs

<C+0+E=126>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row
0	Phase ON -1	Preempt Fail	Flasher 0	Free	NOT-1	TOD Out 1	Dial 2 (7-wire)	0
1	Phase ON -2	Sp Evt Out 1	Flasher 1	Plan 1	OR-1	TOD Out 2	Dial 3 (7-wire)	0
2	Phase ON -3	Sp Evt Out 2	Fast Flasher	Plan 2	OR-2	TOD Out 3	Offset 1 (7-wire)	0
3	Phase ON -4	Sp Evt Out 3	Fig 3 Diamond	Plan 3	OR-3	TOD Out 4	Offset 2 (7-wire)	0
4	Phase ON -5	Sp Evt Out 4	Fig 4 Diamond	Plan 4	AND-1	TOD Out 5	Offset 3 (7-wire)	0
5	Phase ON -6	Sp Evt Out 5		Plan 5	AND-2	TOD Out 6	Free (7-wire)	0
6	Phase ON -7	Sp Evt Out 6		Plan 6	AND-3	TOD Out 7	Flash (7-wire)	0
7	Phase ON -8	Sp Evt Out 7		Plan 7	NOT-2	TOD Out 8	Preempt	0
8	Ph. Check -1	Sp Evt Out 8	NOT-3	Plan 8	EV-A	Adv. Warm -1	Low Priority A	0
9	Ph. Check -2		NOT-4	Plan 9	EV-B	Adv. Warm -2	Low Priority B	0
A	Ph. Check -3	Detector Fail	OR-4	Spec. Funct. 3	EV-C	DELAY-A	Low Priority C	0
B	Ph. Check -4	Spec. Funct. 1	OR-5	Spec. Funct. 4	EV-D	DELAY-B	Low Priority D	0
C	Ph. Check -5	Spec. Funct. 2	OR-6	NAND-3	RR-1	DELAY-C		
D	Ph. Check -6	Central Control	AND-4	NAND-4	RR-2	DELAY-D		
E	Ph. Check -7	Excl. Ped DW	NAND-1	OR-7	Spec. Event 1	DELAY-E		
F	Ph. Check -8	Excl. Ped WK	NAND-2	OR-8	Spec. Event 2	DELAY-F		

Assignable Outputs

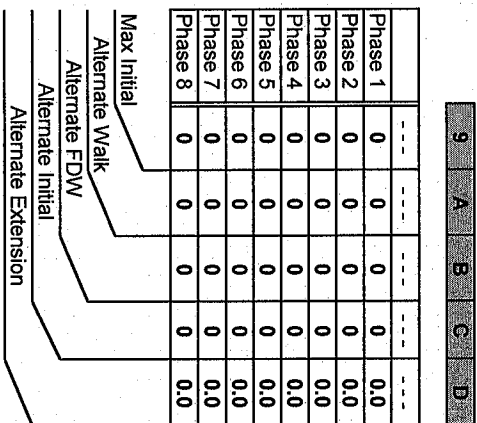
<C+0+E=127>

Row	Phase								
	1	2	3	4	5	6	7	8	
0	Phase Names →								
1	Ped Walk	0	7	0	7	0	7	0	7
2	Ped FDW	0	15	0	15	0	15	0	15
3	Min Green	4	7	4	4	7	4	4	4
4	Type 3 Disconnect	0	20	0	20	0	20	0	20
5	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
6	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
7	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
8	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
9	Max Limit	20	30	20	25	20	30	20	25
A	Max Limit 2	30	50	30	40	30	50	30	40
B	Adv. / Delay Walk	0	0	0	0	0	0	0	0
C	PE Min Ped FDW	7	7	7	7	7	7	7	7
D	Cond Serv Check	10	10	10	10	10	10	10	10
E	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
F	Yellow Change	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0
	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

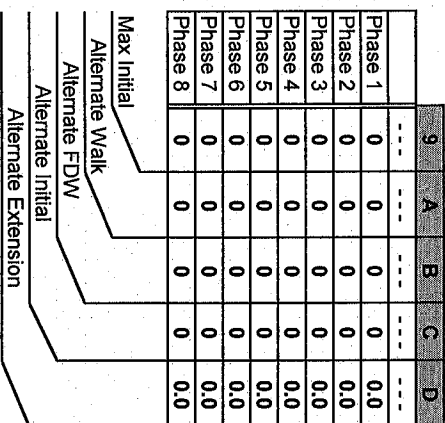
Phase Timing - Bank 2 <C+0+F=2>

Row	Phase								
	1	2	3	4	5	6	7	8	
0	Phase Names →								
1	Ped Walk	0	7	0	7	0	7	0	7
2	Ped FDW	0	15	0	15	0	15	0	15
3	Min Green	4	7	4	4	7	4	4	4
4	Type 3 Disconnect	0	20	0	20	0	20	0	20
5	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
6	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
7	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
8	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
9	Max Limit	20	30	20	25	20	30	20	25
A	Max Limit 2	30	50	30	40	30	50	30	40
B	Adv. / Delay Walk	0	0	0	0	0	0	0	0
C	PE Min Ped FDW	7	7	7	7	7	7	7	7
D	Cond Serv Check	10	10	10	10	10	10	10	10
E	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
F	Yellow Change	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0
	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 3 <C+0+F=3>



Alternate Timing



Alternate Timing

Transition Type
0 X = Shortway
1 X = Lengthen
X,1 thru X,4 =
Number of
cycles when
lengthing

Daylight Savings
Date
If set to all zeros,
standard dates
will be used.

Transition Type 0.3 <C/5+1+9>

TBC Transition

Lag Hold Phases <C/5+1+A>

Coordinated Lag Hold Phases

Sync Output Time 0.0 <C/5+1+C>

7-Wire Master

Begin Month 0 <C/5+2+A>
Begin Week 0 <C/5+2+B>
End Month 0 <C/5+2+C>
End Week 0 <C/5+2+D>

Daylight Savings Time

Time B4 Yellow 0.0 <F/1+C+E>
Phase Number 0 <F/1+C+F>

Advance Warning Beacon - Sign 1

Time B4 Yellow 0.0 <F/1+D+E>
Phase Number 0 <F/1+D+F>

Advance Warning Beacon - Sign 2

Long Failure 0.7 <F/1+0+6>
Short Failure 0.7 <F/1+0+7>

Power Cycle Correction (Default = 0.7)

Row	Detector Name	C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
0		39	45 7	2	123	0.0	2.5
1		40	45 7	6	123	0.0	2.5
2		41	45 7	4	123	0.0	3.0
3		42	45 7	8	123	0.0	3.0
4		43	45 7	2	123	0.0	0.0
5		44	45 7	6	123	10.0	0.0
6		45	45 7	4	123	0.0	0.0
7		46	45 7	8	123	0.0	0.0
8		47	67	2	123	0.0	0.0
9		48	67	6	123	0.0	0.0
A		49	67	4	123	0.0	0.0
B		50	67	8	123	0.0	0.0
C		55	45 7	5	123	0.0	0.0
D		56	45 7	1	123	0.0	0.0
E		57	45 7	7	123	0.0	0.0
F		58	45 7	3	123	0.0	0.0

Row	Detector Name	C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
0		59	45 7	5	123	0.0	0.0
1		60	45 7	1	123	0.0	0.0
2		61	45 7	7	123	0.0	0.0
3		62	45 7	3	123	0.0	0.0
4		63	45 7	2	123	0.0	0.0
5		64	45 7	6	123	0.0	0.0
6		65	45 7	4	123	0.0	0.0
7		66	45 7	8	123	10.0	0.0
8		67	2	2	123	0.0	0.0
9		68	2	6	123	0.0	0.0
A		69	2	4	123	0.0	0.0
B		70	2	8	123	0.0	0.0
C		76	45 7	2	123	0.0	0.0
D		77	45 7	6	123	0.0	0.0
E		78	45 7	4	123	0.0	0.0
F		79	45 7	8	123	0.0	0.0

Detector Assignments <C+0+E=126>

<C+0+D=0>

Detector Attributes
 1 = Full Time Delay
 2 = Ped Call
 3 =
 4 = Count
 5 = Extension
 6 = Type 3
 7 = Calling
 8 = Alternate

Detector Assignments
 1 = Det. Set 1
 2 = Det. Set 2
 3 = Det. Set 3
 4 =
 5 =
 6 = Failure - Min Recall
 7 = Failure - Max Recall
 8 = Report on Failure

Column Numbers ->	1	2	3	4	5	6	7	8
Walk	0	0	0	0	0	0	0	0
Don't Walk	0	0	0	0	0	0	0	0
Phase Green	0	0	0	0	0	0	0	0
Phase Yellow	0	0	0	0	0	0	0	0
Phase Red	0	0	0	0	0	0	0	0
Overlap Green	0	0	0	0	0	0	0	0
Overlap Yellow	0	0	0	0	0	0	0	0
Overlap Red	0	0	0	0	0	0	0	0

Redirect Phase Outputs <C+0+E=127>

Enable Redirection
 (Enable Redirection = 30)
 Cabinet Type 0 <E/125+D+0>
 Max OFF (minutes) 20 <D/0+0+1>
 Max ON (minutes) 7 <D/0+0+2>

Detector Failure Monitor

Output Port	1	2	3	4	5	6	7
Output Port 1							
Output Port 2							
Output Port 3							
Output Port 4							
Output Port 5							
Output Port 6							
Output Port 7							

Dimming <C+0+E=125>

Row	A	B	C	D	E	F
DELAY-A	0					
DELAY-B	0					
DELAY-C	0					
DELAY-D	0					
DELAY-E	0					
DELAY-F	0					

Delay Logic Times
 <C+0+D=0> (seconds)

Number of Digits	D
1st Digit	0
2nd Digit	0
3rd Digit	0
4th Digit	0
5th Digit	0
6th Digit	0
7th Digit	0
8th Digit	0
9th Digit	0
10th Digit	0
11th Digit	0
12th Digit	0
13th Digit	0
14th Digit	0
15th Digit	0

Dial-Back Telephone Number <C+0+C=5>

Disable Alarms
 1 = Stop Time
 2 = Flash Sense
 3 = Keyboard Entry
 4 = Manual Plan
 5 = Police Control
 6 = External Alarm
 7 = Detector Failure
 8 =

Omit Alarm <C/5+F+0>
 Time 0 <C/5+C+0>
Redial Time (minutes)
 (View Redial Timer at E/2+D+6)

Row	Time	Plan	Offset	Day of Week
0	07:00	1	A	23456
1	08:30	2	A	23456
2	15:30	3	A	23456
3	19:00	E	A	1234567
4	09:00	2	A	1
5	00:00	0	A	
6	00:00	0	A	
7	00:00	0	A	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0.1> (Bank 1)

Row	Time	Plan	Offset	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0.2> (Bank 2)

Time	Funct.	Day of Week
18:29	E	23456
23:59	E	23456
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	

TOD Function <C+0+7=0.1>

Time	Funct.	Holiday Type
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	

Holiday <C+0+7=0.2> TOD Function

Column 4 Phases/Bits
1

<C+0+E=27>

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1.1> (Bank 1)

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1.2> (Bank 2)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1.1> (Bank 1)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1.2> (Bank 2)

T.O.D. Functions

- 0 =
- 1 = Red Lock
- 2 = Yellow Lock
- 3 = Veh Min Recall
- 4 = Ped Recall
- 5 =
- 6 = Rest In Walk
- 7 = Red Rest
- 8 = Double Entry
- 9 = Veh Max Recall
- A = Veh Soft Recall
- B = Maximum 2
- C = Conditional Service
- D = Free Lag Phases
- E = Bit 1 - Local Override
- Bit 4 - Disable Detector
- OFF Monitor
- Bit 5 - Disable Low Priority Preempt
- Bit 7 - Detector Count Monitor
- Bit 8 - Real Time Split Monitor
- F = Output Bits 1 thru 8

Plan Select

- 1 thru 9 = Coordination
- Plan 1 thru 9
- 14 or E = Free
- 15 or F = Flash

Offset Select

- A = Offset A
- B = Offset B
- C = Offset C

Month Select

- 1 = January
- 2 = February
- 3 = March
- 4 = April
- 5 = May
- 6 = June
- 7 = July
- 8 = August
- 9 = September
- A = October
- B = November
- C = December

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 1

<C+0+E=27>

Notes:

0 <E/27+5+F>

Limited Service Interval

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 2

<C+0+E=28>

Notes:

0 <E/28+5+F>

Limited Service Interval

Min Time (seconds) <F/1+0+8>

Min Green Before PE Force Off

Max Time (minutes) <F/1+0+9>

Max Preempt Time Before Failure

Min Time (seconds) <F/1+0+A>

Min Time Between Same Preempts

(Does Not Apply To Railroad Preempt)

Low PriL Channel <E/125+C+8>

Disable Low Priority Channel

- Low Priority
- 1 = Channel A
 - 2 = Channel B
 - 3 = Channel C
 - 4 = Channel D

Delay Time (seconds) <F/1+A+D>

Bus Delay

Max Time (seconds) <F/1+A+E>

Max Early Green

Max Time (seconds) <F/1+A+F>

Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

Headway <C+0+9=2.1>

Headway Time (minutes)
 1 thru 9 = 1 thru 9
 A = 10
 B = 11
 C = 12
 D = 13
 E = 14
 F = 15

Low Priority Preemption (Bus Priority)

Only available with Program 233RV2.B (and above)
 Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

N/S Street Name: Wible Rd

Last Database Change: 6/14/2018 7:58

E/W Street Name: White Ln

Group Assignment: NONE

Field Master Assignment: NONE

Notes:

- 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

Change Record			
Change	By	Date	Change

Drop Number	25	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	63	<C/0+0+3>
QuickNet Channel	P-8012:10.21.20.(QuickNet)	

Manual Plan	
Manual Offset	

Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	5.0	<F/1+C+0>

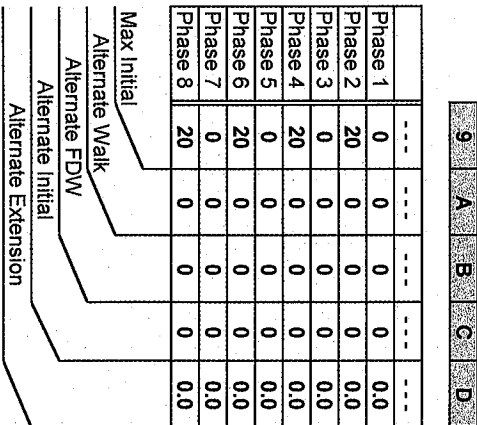
Exclusive Walk	0	<F/1+0+0>
Exclusive FDW	0	<F/1+0+1>
All Red Clear	0.0	<F/1+0+2>

Exclusive Ped Phase

(Outputs specified in Assignable Outputs at E/127+A+E & F)

Row	Phase Names ->	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	4	0	4	0	4	0	4
1	Ped FDW	0	19	0	20	0	24	0	29
2	Min Green	6	6	6	6	6	6	10	6
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0
6	Max Gap	1.0	4.0	1.0	4.0	1.0	4.0	1.0	4.0
7	Min Gap	1.0	0.2	1.0	0.2	1.0	0.2	1.0	0.2
8	Max Limit	25	30	17	21	15	30	17	21
9	Max Limit 2	15	60	8	12	8	60	8	12
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
D	Reduce Every	1.0	0.5	1.0	0.5	1.0	0.5	1.0	0.5
E	Yellow Change	3.0	4.7	3.0	4.3	3.0	4.7	3.0	4.3
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 1 <C+0+F=1>



Alternate Timing <C+0+F=1>

Row	Phase	E
	RR-1 Delay	0
	RR-1 Clear	0
	EV-A Delay	0
	EV-A Clear	0
	EV-B Delay	0
	EV-B Clear	0
	EV-C Delay	0
	EV-C Clear	0
	EV-D Delay	0
	EV-D Clear	0
	RR-2 Delay	0
	RR-2 Clear	0
	View EV Delay	---
	View EV Clear	---
	View RR Delay	---
	View RR Clear	---

Row	Phase	F
	Permit	12345678
	Red Lock	---
	Yellow Lock	---
	Min Recall	2 5 7
	Ped Recall	---
	View Set Peds	-----
	Rest In Walk	---
	Red Rest	---
	Dual Entry	---
	Max Recall	---
	Soft Recall	---
	Max 2	---
	Cond. Service	---
	Man Cntrl Calls	---
	Yellow Start	1 5
	First Phases	2 6

Phase Functions <C+0+F=1>

Row	Overlap Name ->	Overlap							
		1	2	3	4	5	6	7	8
0	Load Switch Number	0	0	0	0	0	0	0	0
1	Veh Set 1 - Phases								
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases								
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments <C+0+E=29>

Row	EV-A	EV-B	EV-C	EV-D	RR-1*	RR-2*	RR-2*	SE-1	SE-2
0	0	0	0	0	---	---	---	0	0
1									
2									
3									
4									
5									
6									
7									
8									
9									
A									
B									
C									
D									
E									
F									

- Extra 1 Flags
 1 = TBC Type 1
 2 = NEMA Ext Coord
 3 = Auto Daylight Savings
 4 = Solid FDW on EV
 5 = Extended Status
 6 = International Ped
 7 = Flash - Clear Outputs
 8 = Split Ring
- Extra 2 Flags
 1 = AMB During Initial
 2 = LMU Installed
 3 = Disable Min Walk
 4 = Quickel/4 System
 5 = Ignore P/P on EV
 6 =
 7 = Reserved
 8 =

Preempt Priority
 <C+0+E=125>
 * RR-1 is always Highest, and RR-2 is always Second Highest)

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	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	
8	Disable Ovp Yel Range	
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

Row	Column Numbers ->	F
0	Ext. Permit 1 Phases	
1	Ext. Permit 2 Phases	
2	Exclusive Ped Assign	
3	Preempt Non-Lock	12345678
4	Ped for 2P Output	2
5	Ped for 6P Output	6
6	Ped for 4P Output	4
7	Ped for 8P Output	8
8	Yellow Flash Phases	
9	Low Priority A Phases	
A	Low Priority B Phases	
B	Low Priority C Phases	
C	Low Priority D Phases	
D	Restricted Phases	
E	Extra 2 Config. Bits	
F	Configuration	<C+0+E=125>

Row	Column Numbers ->	F
0	Fast Green Flash Phase	
1	Green Flash Phases	
2	Flashing Walk Phases	
3	Guaranteed Passage	
4	Simultaneous Gap Term	12345678
5	Sequential Timing	
6	Advance Walk Phases	
7	Delay Walk Phases	
8	External Recall	
9	Start-up Overlap Green	
A	Max Extension	
B	Inhibit Ped Reservice	
C	Semi-Actuated	
D	Start-up Overlap Yellow	12345678
E	Start-up Vehicle Calls	12345678
F	Start-up Ped Calls	12345678

Row	Phase	2
0	Phase 1	10
1	Phase 2	10
2	Phase 3	10
3	Phase 4	10
4	Phase 5	10
5	Phase 6	10
6	Phase 7	10
7	Phase 8	10
8	Phase 9	10
9	Phase 10	10
A	Phase 11	10
B	Phase 12	10
C	Phase 13	10
D	Phase 14	10
E	Phase 15	10
F	Phase 16	10

Coordination Transition Minimums
 <C+0+C=5>

INTERSECTION: WHITE & WIBLE 3185

Coord Extra

1 = Programmed WALK Time for Sync Phases
2 = Always Terminate Sync Phase Peds

Column Numbers ->	1	2	3	4	5	6	7	8	9
Plan Name ->									
Cycle Length	108	100	108	100	100	100	100	100	100
Phase 1 - ForceOff	86	20	88	55	55	55	55	55	55
Phase 2 - ForceOff	17	0	16	0	0	0	0	0	0
Phase 3 - ForceOff	66	70	68	20	20	20	20	20	20
Phase 4 - ForceOff	52	55	48	40	40	40	40	40	40
Phase 5 - ForceOff	17	86	16	55	55	55	55	55	55
Phase 6 - ForceOff	0	20	0	0	0	0	0	0	0
Phase 7 - ForceOff	66	39	33	20	20	20	20	20	20
Phase 8 - ForceOff	52	70	68	40	40	40	40	40	40
Ring Offset	0	0	0	0	0	0	0	0	0
Offset 1	100	6	13	0	0	0	0	0	0
Offset 2	0	0	0	0	0	0	0	0	0
Offset 3	0	0	0	0	0	0	0	0	0
Perm 1 - End	5	10	1	15	15	15	15	15	15
Hold Release	255	255	255	255	255	255	255	255	255
Zone Offset	0	0	0	0	0	0	0	0	0

Coordination - Bank 1 <-C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Ped Adjustment	4	3	3	0	0	0	0	0	0	0
Perm 2 - Start	15	18	14	0	0	0	0	0	0	0
Perm 2 - End	19	22	18	0	0	0	0	0	0	0
Perm 3 - Start	0	0	0	0	0	0	0	0	0	0
Perm 3 - End	0	0	0	0	0	0	0	0	0	0
Reservice Time	0	0	0	0	0	0	0	0	0	0
Reservice Phases										
Prelimed Phases										
Max Recall										
Perm 1 Veh Phase	5	1	5	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 2 Veh Phase	1 34 78	345 78	1 34 78							
Perm 3 Veh Phase	4 8	4 8	4 8							
Perm 3 Ped Phase										

Coordination - Bank 2 <-C+0+C=2>

Row	0	1	2	3	4	5	6	7	8	9
Plan 1 - Sync		2	6							
Plan 2 - Sync		2	6							
Plan 3 - Sync		2	6							
Plan 4 - Sync		2	6							
Plan 5 - Sync		2	6							
Plan 6 - Sync		2	6							
Plan 7 - Sync		2	6							
Plan 8 - Sync		2	6							
Plan 9 - Sync		2	6							
NEMA Sync										
NEMA Hold										
Coord Extra										

Sync Phases <-C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Free Lag		2	4	6	8					
Plan 1 - Lag		23	5	7						
Plan 2 - Lag		1	3	6	8					
Plan 3 - Lag		23	5	8						
Plan 4 - Lag		2	4	6	8					
Plan 5 - Lag		2	4	6	8					
Plan 6 - Lag		2	4	6	8					
Plan 7 - Lag		2	4	6	8					
Plan 8 - Lag		2	4	6	8					
Plan 9 - Lag		2	4	6	8					
External Lag										

Lag Phases <-C+0+C=1>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Preimed	0	Set Monday	0	Dial 2 (7-wire)	0	Sim Term	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-wire)	0	EV-A	71
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-wire)	0	EV-B	72
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Dimming	0	Offset 2 (7-wire)	0	EV-C	73
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4	0	Set Clock	0	Offset 3 (7-wire)	0	EV-D	74
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5	0	Stop Time	82	Free (7-wire)	0	RR-1	51
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6	0	Flash Sense	81	Flash (7-wire)	0	RR-2	52
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Omit	0	Spec. Event 1	0
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	0
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	0
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	0	OR-2 (a)	0	AND-2 (a)	0
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0

Assignnable Inputs

<C+0+E=126>

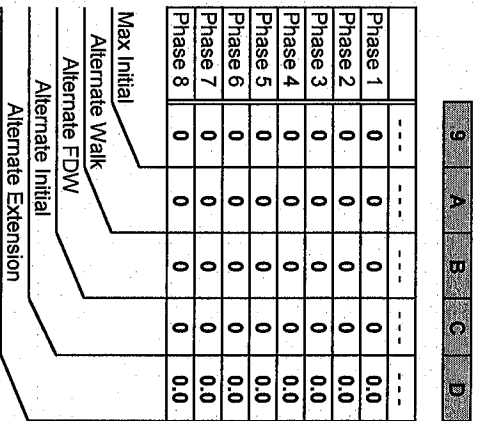
Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Phase ON - 1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	0	Dial 2 (7-wire)	0
1	Phase ON - 2	0	Sp Evt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-wire)	0
2	Phase ON - 3	0	Sp Evt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-wire)	0
3	Phase ON - 4	0	Sp Evt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-wire)	0
4	Phase ON - 5	0	Sp Evt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	0	TOD Out 5	0	Offset 3 (7-wire)	0
5	Phase ON - 6	0	Sp Evt Out 5	0		0	Plan 5	0	AND-2	0	TOD Out 6	0	Free (7-wire)	0
6	Phase ON - 7	0	Sp Evt Out 6	0		0	Plan 6	0	AND-3	0	TOD Out 7	0	Flash (7-wire)	0
7	Phase ON - 8	0	Sp Evt Out 7	0		0	Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0
8	Ph. Check - 1	0	Sp Evt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warm - 1	0	Low Priority A	0
9	Ph. Check - 2	0	Detector Fail	0	NOT-4	0	Plan 9	0	EV-B	0	Adv. Warm - 2	0	Low Priority B	0
A	Ph. Check - 3	0	Spec. Funct. 1	0	OR-4	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0
B	Ph. Check - 4	0	Spec. Funct. 2	0	OR-5	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0
C	Ph. Check - 5	0	Central Control	0	OR-6	0	NAND-3	0	RR-1	0	DELAY-C	0		
D	Ph. Check - 6	0	Excl. Ped DW	0	AND-4	0	NAND-4	0	RR-2	0	DELAY-D	0		
E	Ph. Check - 7	0	Excl. Ped WK	0	NAND-1	0	OR-7	0	Spec. Event 1	0	DELAY-E	0		
F	Ph. Check - 8	0	Excl. Ped WK	0	NAND-2	0	OR-8	0	Spec. Event 2	0	DELAY-F	0		

Assignnable Outputs

<C+0+E=127>

Row	Phase Names -->	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	4	7	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit 2	20	30	20	25	20	30	20	25
9	Adv. / Delay Walk	0	0	0	0	0	0	0	0
A	PE Min Ped FDW	7	7	7	7	7	7	7	7
B	Cond Serv Check	10	10	10	10	10	10	10	10
C	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
D	Yellow Change	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0
E	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

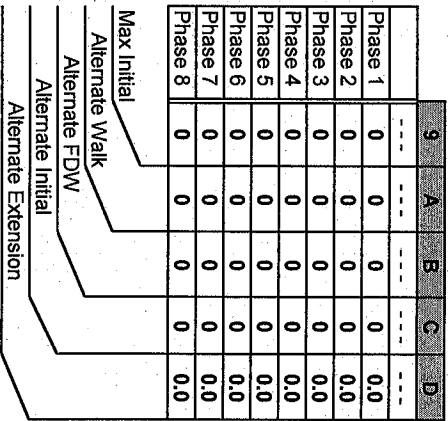
Phase Timing - Bank 2 <C+0+F=2>



Alternate Timing

Row	Phase Names -->	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	4	7	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit 2	20	30	20	25	20	30	20	25
9	Adv. / Delay Walk	0	0	0	0	0	0	0	0
A	PE Min Ped FDW	7	7	7	7	7	7	7	7
B	Cond Serv Check	10	10	10	10	10	10	10	10
C	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
D	Yellow Change	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0
E	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 3 <C+0+F=3>



Alternate Timing

Transition Type
 0.X = Shortway
 1.X = Lengthen
 X.1 thru X.4 = Number of cycles when lengthening

Transition Type 0.3 <C/5+1+9>
TBC Transition
 Lag Hold Phases <C/5+1+A>
Coordinated Lag Hold Phases
 Sync Output Time 0.0 <C/5+1+C>
7-Wire Master

Daylight Savings
 Date
 If set to all zeros, standard dates will be used.

Begin Month 4 <C/5+2+A>
 Begin Week 1 <C/5+2+B>
 End Month 10 <C/5+2+C>
 End Week 5 <C/5+2+D>
Daylight Savings Time

Time B4 Yellow 0.0 <F/1+C+E>
 Phase Number 0 <F/1+C+F>
Advance Warning Beacon - Sign 1

Time B4 Yellow 0.0 <F/1+D+E>
 Phase Number 0 <F/1+D+F>
Advance Warning Beacon - Sign 2

Long Failure 0.7 <F/1+0+6>
 Short Failure 0.7 <F/1+0+7>
Power Cycle Correction (Default = 0.7)

Row	Detector Name	Column Numbers -->			Assign	Delay	Carry-over
		0	1	2			
0							
1							
2							
3							
4							
5							
6							
7							
8							
9							
A							
B							
C							
D							
E							
F							

Row	Detector Name	C1 Pin Number	Attributes	Phase(s)	Assign	Delay	Carry-over
1							
2							
3							
4							
5							
6							
7							
8							
9							
A							
B							
C							
D							
E							
F							

Detector Assignments <C+0+E=126>

<C+0+D=0>

Row	Ped / Phase / Overlap	Column Numbers -->							
		1	2	3	4	5	6	7	8
0	Walk	0	0	0	0	0	0	0	0
1	Dont Walk	0	0	0	0	0	0	0	0
2	Phase Green	0	0	0	0	0	0	0	0
3	Phase Yellow	0	0	0	0	0	0	0	0
4	Phase Red	0	0	0	0	0	0	0	0
5	Overlap Green	0	0	0	0	0	0	0	0
6	Overlap Yellow	0	0	0	0	0	0	0	0
7	Overlap Red	0	0	0	0	0	0	0	0

Redirect Phase Outputs <C+0+E=127>

Cabinet Type	0	<E/125+D+0>
Enable Redirection	0	(Enable Redirection = 30)
Max OFF (minutes)	255	<D/0+0+1>
Max ON (minutes)	7	<D/0+0+2>

Detector Failure Monitor

Row	Output Port	Dimming
0	Output Port 1	
1	Output Port 2	
2	Output Port 3	
3	Output Port 4	
4	Output Port 5	
5	Output Port 6	
6	Output Port 7	
7		

<C+0+E=125>

Row	Number of Digits	Disable Alarms	Delay Logic Times
0	1st Digit	1 = Stop Time	DELAY-A 0
1	2nd Digit	2 = Flash Sense	DELAY-B 0
2	3rd Digit	3 = Keyboard Entry	DELAY-C 0
3	4th Digit	4 = Manual Plan	DELAY-D 0
4	5th Digit	5 = Police Control	DELAY-E 0
5	6th Digit	6 = External Alarm	DELAY-F 0
6	7th Digit	7 = Detector Failure	
7	8th Digit	8 =	
8	9th Digit		
9	10th Digit		
A	11th Digit		
B	12th Digit		
C	13th Digit		
D	14th Digit		
E	15th Digit		

<C+0+C=5>

Omit Alarm <C/5+F+0>

Disable Alarm Reporting

Time 10 <C/5+C+0>

Redial Time (minutes) <C+0+D=0> (seconds)

View Redial Timer at E/2+D+6)

Dial-Back Telephone Number

Row	Time	Plan	Offset	Day of Week
0	07:00	1	A	23456
1	08:30	2	A	23456
2	16:15	3	A	23456
3	20:00	E	A	1234567
4	09:00	2	A	1234567
5	18:30	2	A	23456
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0.1>
(Bank 1)

Time	Funct.	Day of Week	Column 4 Phrases/Bits
00:01	E	1234567	1
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		

TOD Function <C+0+7=0.1>
<C+0+E=27>

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1.1>
(Bank 1)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1.1>
(Bank 1)

Row	Time	Plan	Offset	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0.2>
(Bank 2)

Time	Funct.	Holiday Type	Column 4 Phrases/Bits
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		
00:00	0		

Holiday Function <C+0+7=0.2>
<C+0+E=28>

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1.2>
(Bank 2)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1.2>
(Bank 2)

T.O.D. Functions

- 0 =
- 1 = Red Lock
- 2 = Yellow Lock
- 3 = Ven Min Recall
- 4 = Ped Recall
- 5 =
- 6 = Rest In Walk
- 7 = Red Rest
- 8 = Double Entry
- 9 = Ven Max Recall
- A = Veh Soft Recall
- B = Maximum 2
- C = Conditional Service
- D = Free Lag Phases
- E = Bit 1 - Local Override
- Bit 4 - Disable Detector
- OFF Monitor
- Bit 5 - Disable Low Priority Preempt
- Bit 7 - Detector Count Monitor
- Bit 8 - Real Time Split Monitor
- F = Output Bits 1 thru 8

Plan Select

- 1 thru 9 = Coordination
- Plan 1 thru 9
- 14 or E = Free
- 15 or F = Flash

Offset Select

- A = Offset A
- B = Offset B
- C = Offset C

Month Select

- 1 = January
- 2 = February
- 3 = March
- 4 = April
- 5 = May
- 6 = June
- 7 = July
- 8 = August
- 9 = September
- A = October
- B = November
- C = December

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 1

<C+0+E=27>

Notes:

0 <E/27+5+F>

Limited Service Interval

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 2

<C+0+E=28>

Notes:

0 <E/28+5+F>

Limited Service Interval

Min Time (seconds) <F/1+0+8>

Min Green Before PE Force Off

Max Time (minutes) <F/1+0+9>

Max Preempt Time Before Failure

Min Time (seconds) <F/1+0+A>

Min Time Between Same Preempts
(Does Not Apply To Railroad Preempt)

Low Pri. Channel <E/125+C+8>

Disable Low Priority Channel

- Low Priority
- 1 = Channel A
 - 2 = Channel B
 - 3 = Channel C
 - 4 = Channel D

Delay Time (seconds) <F/1+A+D>

Bus Delay

Max Time (seconds) <F/1+A+E>

Max Early Green

Max Time (seconds) <F/1+A+F>

Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

Headway <C+0+9=2.1>

- Headway/Time (minutes)
- 1 thru 9 = 1 thru 9
 - A = 10
 - B = 11
 - C = 12
 - D = 13
 - E = 14
 - F = 15

Low Priority Preemption (Bus Priority)

Only available with Program 233RV2.B (and above)
Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

Group Assignment: NONE

Field Master Assignment: NONE

System Reference Number: 46

N/S Street Name: Coffee Rd/Gosford Rd
 E/W Street Name: Stockdale Hwy

Last Database Change: 11/22/2017 7:52

Change Record			
Change	By	Date	Change

Notes:

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

Drop Number	16	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	46	<C/0+0+3>
QuickNet Channel	P:8008:10:21:20	(QuickNet)

Manual Plan	
Manual Offset	

Manual Selection

<C/0+A+1>
 <C/0+B+1>

Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	5.0	<F/1+C+0>

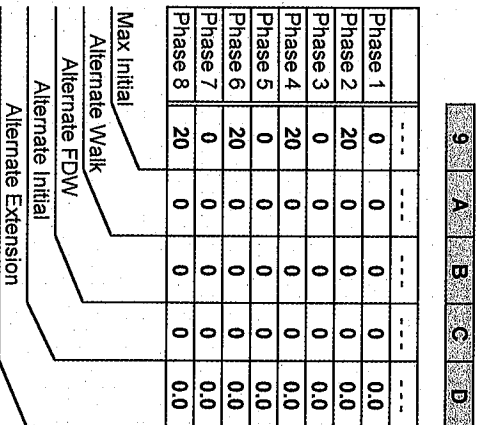
Exclusive Walk	0	<F/1+0+0>
Exclusive FDW	0	<F/1+0+1>
All Red Clear	0.0	<F/1+0+2>

Exclusive Ped Phase

(Outputs specified in Assignable Outputs at E/127+A+E & F)

Row	Phase Numbers →	Phase							
		1	2	3	4	5	6	7	8
0	Ped Walk	0	5	0	4	0	7	0	4
1	Ped FDW	0	22	0	22	0	18	0	20
2	Min Green	6	10	6	7	6	10	6	7
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0
6	Max Gap	1.0	4.0	1.0	4.0	1.0	4.0	1.0	4.0
7	Min Gap	1.0	0.2	1.0	0.2	1.0	0.2	1.0	0.2
8	Max Limit	20	40	30	40	20	40	20	40
9	Max Limit 2	20	40	21	40	20	40	20	40
A	Adv / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
D	Reduce Every	1.0	0.5	1.0	0.5	1.0	0.5	1.0	0.5
E	Yellow Change	3.0	5.0	3.0	5.0	3.0	5.0	3.0	5.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 1 <C+0+F=1>



Alternate Timing <C+0+F=1>

Row	Phase	Value
0	RR-1 Delay	0
1	RR-1 Clear	0
2	EV-A Delay	0
3	EV-A Clear	0
4	EV-B Delay	0
5	EV-B Clear	0
6	EV-C Delay	0
7	EV-C Clear	0
8	EV-D Delay	0
9	EV-D Clear	0
A	RR-2 Delay	0
B	RR-2 Clear	0
C	View EV Delay	---
D	View EV Clear	---
E	View RR Delay	---
F	View RR Clear	---

Preempt Timing

Row	Phase	Value
0	Permit	12345678
1	Red Lock	
2	Yellow Lock	
3	Min Recall	
4	Ped Recall	
5	View Set Peds	
6	Rest In Walk	
7	Red Rest	
8	Dual Entry	
9	Max Recall	
A	Soft Recall	
B	Max 2	
C	Cond. Service	
D	Man Cntrl Calls	
E	Yellow Start	
F	First Phases	

Phase Functions <C+0+F=1>

Row	Overlap Name	Overlap							
		1	2	3	4	5	6	7	8
0	Load Switch Number	0	0	0	0	0	0	0	0
1	Veh Set 1 - Phases								
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases								
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments

<C+0+E=29>

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	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	
8	Disable Ovp Yel Range	
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

<C+0+E=125>

Row	Column Numbers	F
	Ext. Permit 1 Phases	
	Ext. Permit 2 Phases	
	Exclusive Ped Assign	
	Preempt Non-Lock	12345678
	Ped for 2P Output	2
	Ped for 6P Output	6
	Ped for 4P Output	4
	Ped for 8P Output	8
	Yellow Flash Phases	
	Low Priority A Phases	2
	Low Priority B Phases	4
	Low Priority C Phases	1 6
	Low Priority D Phases	8
	Restricted Phases	
	Extra 2 Config. Bits	4

<C+0+E=125>

Row	Column Numbers	F
	Fast Green Flash Phase	
	Green Flash Phases	
	Flashing Walk Phases	
	Guaranteed Passage	
	Simultaneous Gap Term	12345678
	Sequential Timing	
	Advance Walk Phases	
	Delay Walk Phases	
	External Recall	
	Start-up Overlap Green	
	Max Extension	
	Inhibit Ped Reservice	
	Semi-Actuated	
	Start-up Overlap Yellow	
	Start-up Vehicle Calls	12345678
	Start-up Ped Calls	12345678

<C+0+F=2>

- Extra 1 Flags
- 1 = TBC Type 1
 - 2 = NEMA Ext. Coord
 - 3 = Auto Daylight Savings
 - 4 = Solid FDW on EV
 - 5 = Extended Status
 - 6 = International Ped
 - 7 = Flash - Clear Outputs
 - 8 = Split Ring

- Extra 2 Flags
- 1 = AWB During Initial
 - 2 = LMD Installed
 - 3 = Disable Min Walk
 - 4 = QuietNet/4 System
 - 5 = Ignore P/P on EV
 - 6 =
 - 7 = Reserved
 - 8 =

Row	Column Numbers	C
0	EV-A	0
1	EV-B	0
2	EV-C	0
3	EV-D	0
4	RR-1*	---
5	RR-2*	---
6	SE-1	0
7	SE-2	0

Priority

<C+0+E=125>

(* RR-1 is always Highest, and RR-2 is always Second Highest)

Row	Column Numbers	2
0	Phase 1	10
1	Phase 2	10
2	Phase 3	10
3	Phase 4	10
4	Phase 5	10
5	Phase 6	10
6	Phase 7	10
7	Phase 8	10

Coordination Transition Minimums

<C+0+C=5>

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

Row	Column Numbers	2
0	Phase 1	10
1	Phase 2	10
2	Phase 3	10
3	Phase 4	10
4	Phase 5	10
5	Phase 6	10
6	Phase 7	10
7	Phase 8	10

INTERSECTION: COFFEE/GOSFORD & STOCKDALE 2204

Coord Extra

1 = Programmed Walk Time for Sync Phases
2 = Always Terminate Sync Phase Peds

Column Numbers →	1	2	3	4	5	6	7	8	9
Plan Name →									
Cycle Length	108	100	108	100	100	100	100	100	100
Phase 1 - ForceOff	18	16	23	55	55	55	55	55	55
Phase 2 - ForceOff	0	0	8	0	0	0	0	0	0
Phase 3 - ForceOff	68	37	43	20	20	20	20	20	20
Phase 4 - ForceOff	50	65	78	40	40	40	40	40	40
Phase 5 - ForceOff	18	86	23	55	55	55	55	55	55
Phase 6 - ForceOff	0	16	3	0	0	0	0	0	0
Phase 7 - ForceOff	35	65	78	20	20	20	20	20	20
Phase 8 - ForceOff	68	48	51	40	40	40	40	40	40
Ring Offset	0	0	0	0	0	0	0	0	0
Offset 1	107	19	10	0	0	0	0	0	0
Offset 2	0	0	0	0	0	0	0	0	0
Offset 3	0	0	0	0	0	0	0	0	0
Perm 1 - End	5	1	10	15	15	15	15	15	15
Hold Release	255	255	255	255	255	255	255	255	255
Zone Offset	0	0	0	0	0	0	0	0	0

Coordination - Bank 1

<C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Plan 1 - Sync		2	6							
Plan 2 - Sync		2	6							
Plan 3 - Sync		2	6							
Plan 4 - Sync		2	6							
Plan 5 - Sync		2	6							
Plan 6 - Sync		2	6							
Plan 7 - Sync		2	6							
Plan 8 - Sync		2	6							
Plan 9 - Sync		2	6							
NEMA Sync										
NEMA Hold										
Coord Extra										

Sync Phases

<C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9
Ped Adjustment	4	0	0	0	0	0	0	0	0	0
Perm 2 - Start	16	14	21	0	0	0	0	0	0	0
Perm 2 - End	20	18	25	0	0	0	0	0	0	0
Perm 3 - Start	0	0	0	0	0	0	0	0	0	0
Perm 3 - End	0	0	0	0	0	0	0	0	0	0
Reservice Time	0	0	0	0	0	0	0	0	0	0
Reservice Phases										
Prelimed Phases										
Max Recall	4									
Perm 1 Veh Phase	1	5	1	5	12345678	12345678	12345678	12345678	12345678	12345678
Perm 1 Ped Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 2 Veh Phase	34	78	34	78						
Perm 2 Ped Phase	4	8	4	8						
Perm 3 Veh Phase										
Perm 3 Ped Phase										

Coordination - Bank 2

<C+0+C=2>

Row	0	1	2	3	4	5	6	7	8	9
Free Lag		2	4	6	8					
Plan 1 - Lag		1	3	5	8					
Plan 2 - Lag		1	4	6	7					
Plan 3 - Lag		1	4	5	7					
Plan 4 - Lag		2	4	6	8					
Plan 5 - Lag		2	4	6	8					
Plan 6 - Lag		2	4	6	8					
Plan 7 - Lag		2	4	6	8					
Plan 8 - Lag		2	4	6	8					
Plan 9 - Lag		2	4	6	8					
External Lag										

Lag Phases

<C+0+C=1>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Pretimed	0	Set Monday	0	Dial 2 (7-wire)	0	Sim Term	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-wire)	0	EV-A	71
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-wire)	0	EV-B	72
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Dimming	0	Offset 2 (7-wire)	0	EV-C	73
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4	0	Set Clock	0	Offset 3 (7-wire)	0	EV-D	74
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5	0	Stop Time	82	Free (7-wire)	0	RR-1	51
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6	0	Flash Sense	81	Flash (7-wire)	0	RR-2	52
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Orbit	0	Spec. Event 1	0
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	0
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	0
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	0	OR-2 (a)	0	AND-2 (a)	0
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0

Assignable Inputs

<C+0+E=126>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F	Row						
0	Phase ON -1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	0	Dial 2 (7-wire)	0
1	Phase ON -2	0	Sp Evt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-wire)	0
2	Phase ON -3	0	Sp Evt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-wire)	0
3	Phase ON -4	0	Sp Evt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-wire)	0
4	Phase ON -5	0	Sp Evt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	0	TOD Out 5	0	Offset 3 (7-wire)	0
5	Phase ON -6	0	Sp Evt Out 5	0		0	Plan 5	0	AND-2	0	TOD Out 6	0	Free (7-wire)	0
6	Phase ON -7	0	Sp Evt Out 6	0		0	Plan 6	0	AND-2	0	TOD Out 7	0	Flash (7-wire)	0
7	Phase ON -8	0	Sp Evt Out 7	0		0	Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0
8	Ph. Check -1	0	Sp Evt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warm -1	0	Low Priority A	0
9	Ph. Check -2	0	Detector Fail	0	NOT-4	0	Plan 9	0	EV-B	0	Adv. Warm -2	0	Low Priority B	0
A	Ph. Check -3	0	Spec. Funct. 1	0	OR-4	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0
B	Ph. Check -4	0	Spec. Funct. 2	0	OR-5	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0
C	Ph. Check -5	0	Central Control	0	AND-4	0	NAND-3	0	RR-1	0	DELAY-C	0		
D	Ph. Check -6	0	Excl. Ped DW	0	NAND-1	0	OR-7	0	RR-2	0	DELAY-D	0		
E	Ph. Check -7	0	Excl. Ped WK	0	NAND-2	0	OR-8	0	Spec. Event 1	0	DELAY-E	0		
F	Ph. Check -8	0		0		0		0	Spec. Event 2	0	DELAY-F	0		

Assignable Outputs

<C+0+E=127>

Row	Phase								
	1	2	3	4	5	6	7	8	
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	7	4	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Adv. / Delay Walk	0	0	0	0	0	0	0	0
A	PE Min Ped FDW	7	7	7	7	7	7	7	7
B	Cond Serv Check	10	10	10	10	10	10	10	10
C	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
D	Yellow Change	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0
E	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 2 <C+0+F=2>

9	A	B	C	D
---	---	---	---	---
Phase 1	0	0	0	0.0
Phase 2	0	0	0	0.0
Phase 3	0	0	0	0.0
Phase 4	0	0	0	0.0
Phase 5	0	0	0	0.0
Phase 6	0	0	0	0.0
Phase 7	0	0	0	0.0
Phase 8	0	0	0	0.0

Alternate Timing

Row	Phase								
	1	2	3	4	5	6	7	8	
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	7	4	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Adv. / Delay Walk	0	0	0	0	0	0	0	0
A	PE Min Ped FDW	7	7	7	7	7	7	7	7
B	Cond Serv Check	10	10	10	10	10	10	10	10
C	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
D	Yellow Change	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0
E	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 3 <C+0+F=3>

9	A	B	C	D
---	---	---	---	---
Phase 1	0	0	0	0.0
Phase 2	0	0	0	0.0
Phase 3	0	0	0	0.0
Phase 4	0	0	0	0.0
Phase 5	0	0	0	0.0
Phase 6	0	0	0	0.0
Phase 7	0	0	0	0.0
Phase 8	0	0	0	0.0

Alternate Timing

Transition Type
 0 X = Shortway
 1 X = Lengthen
 X,1 thru X,4 = Number of cycles when lengthening

Daylight Savings
 Date
 If set to all zeros, standard dates will be used.

Transition Type **1,3** <C/5+1+9>

TBC Transition

Lag Hold Phases **<C/5+1+A>**

Coordinated Lag Hold Phases

Sync Output Time **0.0** <C/5+1+C>

7-Wire Master

Begin Month **0** <C/5+2+A>

Begin Week **0** <C/5+2+B>

End Month **0** <C/5+2+C>

End Week **0** <C/5+2+D>

Daylight Savings Time

Time B4 Yellow **0.0** <F/1+C+E>

Phase Number **0** <F/1+C+F>

Advance Warning Beacon - Sign 1

Time B4 Yellow **0.0** <F/1+D+E>

Phase Number **0** <F/1+D+F>

Advance Warning Beacon - Sign 2

Long Failure **0.7** <F/1+0+6>

Short Failure **0.7** <F/1+0+7>

Power Cycle Correction (Default = 0.7)

Row	Detector Name	Column Numbers -->			Assign	Delay	Carry-over
		0	1	2			
0		39	45 7	2	123	0.0	2.5
1		40	45 7	6	123	0.0	2.5
2		41	45 7	4	123	0.0	2.0
3		42	45 7	8	123	0.0	2.0
4		43	45 7	2	123	10.0	0.0
5		44	45 7	6	123	0.0	0.0
6		45	45 7	4	123	0.0	0.0
7		46	45 7	8	123	10.0	0.0
8		47	45 7	2	123	0.0	0.0
9		48	45 7	6	123	0.0	0.0
A		49	45 7	4	123	0.0	0.0
B		50	45 7	8	123	0.0	0.0
C		55	45 7	5	123	0.0	0.0
D		56	45 7	1	123	0.0	0.0
E		57	45 7	7	123	0.0	0.0
F		58	45 7	3	123	0.0	0.0

Row	Detector Name	C1 Pin			Assign	Delay	Carry-over
		Number	Attributes	Phase(s)			
0		59	45 7	5	123	0.0	0.0
1		60	45 7	1	123	0.0	0.0
2		61	45 7	7	123	0.0	0.0
3		62	45 7	3	123	0.0	0.0
4		63	45 7	2	123	0.0	0.0
5		64	45 7	6	123	0.0	0.0
6		65	45 7	4	123	0.0	0.0
7		66	45 7	8	123	0.0	0.0
8		67	45 7	2	123	0.0	0.0
9		68	45 7	6	123	0.0	0.0
A		69	45 7	4	123	0.0	0.0
B		70	45 7	8	123	0.0	0.0
C		76	45 7	2	123	0.0	0.0
D		77	45 7	6	123	0.0	0.0
E		78	45 7	4	123	0.0	0.0
F		79	45 7	8	123	0.0	0.0

Detector Assignments <C+0+E=126>

<C+0+D=0>

Row	Column Numbers -->	Ped / Phase / Overlap							
		1	2	3	4	5	6	7	8
0	Walk	0	0	0	0	0	0	0	0
1	Dont Walk	0	0	0	0	0	0	0	0
2	Phase Green	0	0	0	0	0	0	0	0
3	Phase Yellow	0	0	0	0	0	0	0	0
4	Phase Red	0	0	0	0	0	0	0	0
5	Overlap Green	0	0	0	0	0	0	0	0
6	Overlap Yellow	0	0	0	0	0	0	0	0
7	Overlap Red	0	0	0	0	0	0	0	0

Redirect Phase Outputs <C+0+E=127>

Cabinet Type 0 <E/125+D+0>

Enable Redirection (Enable Redirection = 30)

Max OFF (minutes) 20 <D/0+0+1>

Max ON (minutes) 7 <D/0+0+2>

Detector Failure Monitor

Dimming <C+0+E=125>

Number of Digits	D	B	Row
1st Digit	0		A
2nd Digit	0		B
3rd Digit	0		C
4th Digit	0		D
5th Digit	0		E
6th Digit	0		F
7th Digit	0		
8th Digit	0		
9th Digit	0		
10th Digit	0		
11th Digit	0		
12th Digit	0		
13th Digit	0		
14th Digit	0		
15th Digit	0		

Disable Alarms
 1 = Stop Time
 2 = Flash Sense
 3 = Keyboard Entry
 4 = Manual Plan
 5 = Police Control
 6 = External Alarm
 7 = Detector Failure
 8 =

Delay Logic Times <C+0+D=0> (seconds)

Dial-Back Telephone Number <C+0+C=5>

Omit Alarm <C/5+F+0>
 Disable Alarm Reporting
 Time 0 <C/5+C+0>
 Redial Time (minutes) (View Redial Timer at E/2+D+6)

Row	Time	Plan	Offset	Day of Week
0	06:30	1	A	23456
1	08:30	2	A	23456
2	16:15	3	A	23456
3	18:30	2	A	23456
4	21:00	E	A	1234567
5	09:00	2	A	1
6	00:00	0	A	7
7	00:00	0	A	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0.1>
(Bank 1)

Time	Funct.	Day of Week
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	

TOD Function <C+0+7=0.1>
(Bank 1)

Column 4	Phrases/Bits

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1.1>
(Bank 1)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1.1>
(Bank 1)

Row	Time	Plan	Offset	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

TOD Coordination <C+0+9=0.2>
(Bank 2)

Time	Funct.	Holiday Type
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	
00:00	0	

Holiday TOD Function <C+0+7=0.2>
(Bank 2)

Column 4	Phrases/Bits

Day	Year	Month	Holiday Type
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	
00	00	0	

Holiday Dates <C+0+8=1.2>
(Bank 2)

Time	Plan	Offset	Holiday Type
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	
00:00	0	0	

Holiday Events <C+0+9=1.2>
(Bank 2)

T.O.D. Functions

- 0 =
- 1 = Red Lock
- 2 = Yellow Lock
- 3 = Veh Mfm Recall
- 4 = Ped Recall
- 5 =
- 6 = Rest In Walk
- 7 = Red Rest
- 8 = Double Entry
- 9 = Veh Max Recall
- A = Veh Soft Recall
- B = Maximum 2
- C = Conditional Service
- D = Free Lag Phases
- E = Bit 1 - Local Override
- Bit 4 - Disable Detector
- OFF Monitor
- Bit 5 - Disable Low Priority Preempt
- Bit 7 - Detector Count Monitor
- Bit 8 - Real Time Split Monitor
- F = Output Bits 1 thru 8

Plan Select

- 1 thru 9 = Coordination Plan 1 thru 9
- 14 or E = Free
- 15 or F = Flash

Offset Select

- A = Offset A
- B = Offset B
- C = Offset C

Month Select

- 1 = January
- 2 = February
- 3 = March
- 4 = April
- 5 = May
- 6 = June
- 7 = July
- 8 = August
- 9 = September
- A = October
- B = November
- C = December

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 1

<C+0+E=27>

Notes:

0 <E/27+5+F>

Limited Service Interval

Row	6	7	8	9	A	B	C	D	E	F
	Clear	Time	Ped Call	Hold	Advance	Force Off	Vehicle Call	Permit Phases	Ped Omit	Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Special Event Schedule -- Table 2

<C+0+E=28>

Notes:

0 <E/28+5+F>

Limited Service Interval

Min Time (seconds) <F/1+0+8>
Min Green Before PE Force Off

Max Time (minutes) <F/1+0+9>
Max Preempt Time Before Failure

Min Time (seconds) <F/1+0+A>
Min Time Between Same Preempts
 (Does Not Apply To Railroad Preempt)

Low Pri. Channel <E/125+C+8>
Disable Low Priority Channel

- Low Priority
 1 = Channel A
 2 = Channel B
 3 = Channel C
 4 = Channel D

Delay Time (seconds) <F/1+A+D>
Bus Delay

Max Time (seconds) <F/1+A+E>
Max Early Green

Max Time (seconds) <F/1+A+F>
Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00:00	0	0	
1	00:00	0	0	
2	00:00	0	0	
3	00:00	0	0	
4	00:00	0	0	
5	00:00	0	0	
6	00:00	0	0	
7	00:00	0	0	
8	00:00	0	0	
9	00:00	0	0	
A	00:00	0	0	
B	00:00	0	0	
C	00:00	0	0	
D	00:00	0	0	
E	00:00	0	0	
F	00:00	0	0	

Headway <C+0+9=2.1>

- Headway Time
 (minutes)
 1 thru 9 = 1 thru 9
 A = 10
 B = 11
 C = 12
 D = 13
 E = 14
 F = 15

Low Priority Preemption (Bus Priority)
 Only available with Program 233RV2.B (and above)
 Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)