

City of Oakland

Public Works Agency (PWA)

Design Construction Services Department

Transportation Services Division



Memorandum

To: Daniel Clanton

From: Ade Oluwasogo

Date Memo Prepared: 2/28/2011

Prepared By: Edmond Siu

Location: PARK BLVD @ MONTEREY_TRAFALGA PL

Signal Timing Log ID 607

Change Description:

Revised timing sheets for 170E controller switchout from CALTRANS software to BI-TRANS software. Signal to run FREE all day.

Cycle Change ☐ Initial Ped Change ☐ Offset Change ☐ All Red Change ☐

Split Change ☐ FDW Change ☒ Max Change ☒ Yellow Change ☒

Other Change _____

Installed By: Wonsell Date Timing Installed: 3/8/11

WO# 377233

Calculation of Pedestrian Crossing Time

Intersection: Monterey / Trafalgar & Park Blvd

E/W Street: Monterey / Trafalgar

N/S Street: Park Blvd

Ped Walking Speed:¹ 4 ft/sec

φ #	Named of Street Being Crossed	Existing Condition				Ped Clearance (sec) ⁴	Revised			
		Xing Dist (ft) ²	Parking Lane Width (ft)	Walk (sec)	FDW (sec) ³		Yellow (sec) ⁵	All Red (sec)	Walk (sec) ⁶	FDW (sec) ⁷
2P	Monterey / Trafalgar	34	0	5	6	(34-0)/4= 8.5	3.5	0	5	6
6P	Monterey / Trafalgar	20	0	5	6	(20-0)/4= 5	3.5	0	5	6
4P	Park Blvd	62	0	5	13	(62-0)/4= 16	3.5	0	5	12

Comment:

Note: ¹ Walking speed is 4 feet per second unless specified otherwise.

² Xing Dist = Distance from center of curb ramp to center of curb ramp.

³ FDW = Flashing Don't Walk interval. Should be rounded up to nearest whole second.

⁴ Ped Clearance Time = (Xing Dist-Parking Lane) / Walking speed

⁵ Refer to Table 4D-102(CA) of the latest California MUTCD and round it up to the nearest 0.5-sec.

⁶ The Walk interval should be at least 7-sec, but it could be lowered to at least 4-sec.

⁷ FDW = Ped Clearance Time - Yellow - All Red

Prepared by:

ES

ES / Aoo
Initial

Approved By:

AO

Aoo
Initial and Date

3/7/2011

INTERSECTION: PARK BLVD AT MONTEREY / TRAFALGAR

Group Assignment: NONE

Field Master Assignment: NONE

System Reference Number:

MODEL 170E CONTROLLER

N/S Street Name: PARK BLVD

E/W Street Name: MONTEREY / TRAFALGAR

Page 1 (of 8)

Change Record			
Change	By	Date	Change

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

Communication Addresses

Manual Plan	14
Manual Offset	0
Manual Selection	

Notes: EMERGENCY FLASHES RED ON ALL PHASES

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

Flash Start	5	<F/I+0+E>
Red Revert	5.0	<F/I+0+F>
All Red Start	5.0	<F/I+C+0>
Start / Revert Times		

Exclusive Walk	0	<F/I+0+0>
Exclusive FDW	0	<F/I+0+1>
All Red Clear	0.0	<F/I+0+2>
Exclusive Ped Phase		
(Outputs specified in Assignable Outputs at E127+A+E & F)		

Phase									
Row	Phase Names	SBL	NBT	E/W	SBT				
1	Ped Walk	0.0	5.0	12.0	5.0				
2	Ped FDW	0.0	6.0	12.0	6.0				
3	Min Green	5.0	5.0	5.0	5.0				
4	Type 3 Disconnect	0.0	0.0	0.0	0.0				
5	Added per Vehicle	2.0	2.0	2.0	2.0				
6	Veh Extension	2.0	2.0	2.0	2.0				
7	Max Gap	2.0	2.0	2.0	2.0				
8	Min Gap	2.0	2.0	2.0	2.0				
9	Max Limit	30	35	20	35				
10	Max Limit 2	10	20	15	20				
11	Adv / Delay Walk	0	0	0	0				
12	PE Min Ped FDW	0	6	12	6				
13	Cond Serv Check	2.0	10	10	10				
14	Reduce Every	1.0	1.0	1.0	1.0				
15	Yellow Change	3.0	3.5	3.5	3.5				
16	Red Clear	0.0	0.0	0.0	0.0				

Phase 1	0	0	0	0	0.0
Phase 2	20	0	0	0	0.0
Phase 3	0	0	0	0	0.0
Phase 4	20	0	0	0	0.0
Phase 5	0	0	0	0	0.0
Phase 6	20	0	0	0	0.0
Phase 7	0	0	0	0	0.0
Phase 8	20	0	0	0	0.0
Max Initial					
Alternate Walk					
Alternate FDW					
Alternate Extension					

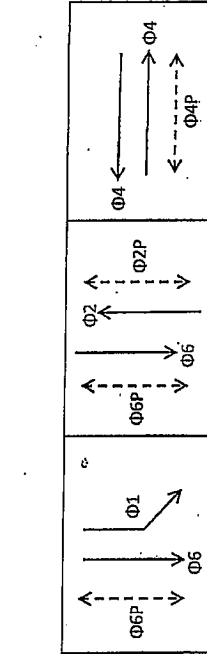
RR-1 Delay	0
RR-1 Clear	0
EV-A Delay	0
EV-A Clear	0
EV-B Delay	0
EV-B Clear	0
EV-C Delay	0
EV-C Clear	0
EV-D Delay	0
EV-D Clear	0
RR-2 Delay	0
RR-2 Clear	0
View EV Delay	---
View EV Clear	---
View RR Delay	---
View RR Clear	---

Permit	12.4	6
Red Lock	1	0
Yellow Lock	2	6
Min Recall	---	---
Ped Recall	---	---
View Set Peds	---	---
Rest In Walk	---	---
Red Rest	---	---
Dual Entry	---	---
Max Recall	---	---
Soft Recall	---	---
Max 2	---	---
Cond. Service	---	---
Man Cntd Calls	---	---
Yellow Start	4	---
First Phases	---	---

Phase Timing - Bank 1

Alternate Timing

Phase Functions



FIELD OFFSET	C1	C2	C3	C4
REFERENCE BASE FROM START OF GREEN				
FIELD OFFSET (O1)				
FIELD OFFSET (O2)				
FIELD OFFSET (O3)				

DATE INSTALLED: 3/8/11 Prepared By: ES Reviewed By: AO

MONTEREY / TRAFALGAR

PARK BLVD

LEGEND: VALUES IN SHADED CELLS HAVE BEEN MODIFIED

APPROVED: *[Signature]* 3/7/2011

Row	Column Numbers →	1	2	3	4	5	6	7	8
10	Overlap Name →								
11	Load Switch Number	0	0	0	0	0	0	0	0
12	Veh Set 1 - Phases								
13	Veh Set 2 - Phases								
14	Veh Set 3 - Phases								
15	Neg Veh Phases								
16	Neg Ped Phases								
17	Green Omit Phases								
18	Green Clear Omit Phs.								
19									
20									
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97									
98									
99									
100									

EV-A	0
EV-B	0
EV-C	0
EV-D	0
RR-1 *	---
RR-2 *	---
SE-1	0
SE-2	0

Extra 1 Flags
 1 = TBC Type 1
 2 = NEMA Ext. Coord
 3 = Auto Daylight Savings
 4 = EV Advance
 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 PIP on EV
 6 =
 7 = Reserved
 8 =

Preempt
 Priority

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

Overlap Assignments

<C+0+E=29>

Row	Column Numbers →	E
10	Exclusive Phases	
11	RR-1 Clear Phases	
12	RR-2 Clear Phases	
13	RR-2 Limited Service	
14	Prot / Perm Phases	
15	Flash to PE Circuits	
16	Flash Entry Phases	
17	Disable Yellow Range	
18	Disable Ovp Yel Range	
19	Overlap Yellow Flash	
20	EV-A Phases	
21	EV-B Phases	
22	EV-C Phases	
23	EV-D Phases	
24	Extra 1 Config. Bits	1 3 5
25	IC Select (Interconnect)	

<C+0+E=125>

Configuration

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	34

<C+0+E=125>

Configuration

Column Numbers →	F
Fast Green Flash Phase	
Green Flash Phases	
Flashing Walk Phases	
Guaranteed Passage	
Simultaneous Gap Term	0
Sequential Timing	
Advance Walk Phases	
Delay Walk Phases	
External Recall	
Start-up Overlap Green	
Max Extension	
Inhibit Ped Reserve	
Semit-Actuated	
Start-up Overlap Yellow	
Start-up Vehicle Calls	12345678
Start-up Ped Calls	0

<C+0+E=2>

Specials

Row	Column Numbers →	F
10	Phase 1	10
11	Phase 2	10
12	Phase 3	10
13	Phase 4	10
14	Phase 5	10
15	Phase 6	10
16	Phase 7	10
17	Phase 8	10
18	Coordination	
19	Transition	
20	Minimums	
21	<C+0+C=5>	

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

Prepared By: ES

Reviewed By: AO

APPROVED

3/7/2011

INTERSECTION: PARK BLVD AT MONTEREY / TRAFALGAR

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 ->	1	2	3	4	5	6	7	8	9
Cycle Length									
Phase 1 - ForceOff									
Phase 2 - ForceOff									
Phase 3 - ForceOff									
Phase 4 - ForceOff									
Phase 5 - ForceOff									
Phase 6 - ForceOff									
Phase 7 - ForceOff									
Phase 8 - ForceOff									
Ring Offset									
Offset 1									
Offset 2									
Offset 3									
Perm 1 - End									
Hold Release									
Zone Offset									

Coordination - Bank 1

<C+0+C=1>

Row	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Ped Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perm 2 - Start	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Perm 2 - End	0	0	0	0	0	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	0	0
Perm 3 - End	0	0	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	0	0
Reservice Phases																
Prelimed Phases																
Max Recall																
Perm 1 Veh Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 1 Ped Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
Perm 2 Veh Phase																
Perm 2 Ped Phase																
Perm 3 Veh Phase																
Perm 3 Ped Phase																

Coordination - Bank 2

<C+0+C=2>

P1:

Force off's:

TRUE

P2:

Force off's:

TRUE

P3:

Force off's:

TRUE

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

Sync Phases <C+0+C=1>

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

Prepared By: ES

Reviewed By: AO

DATE INSTALLED: _____

APPROVED  3/7/2011

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Pretimed
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F

Assignable Inputs

<C=0+E=126>

Row	Column 9	Column A	Column B	Column C	Column D	Column E	Column F
0	Phase ON - 1	0	Preempt Fail	0	Flasher 0	0	Free
1	Phase ON - 2	0	Sp Evt Out 1	0	Flasher 1	0	Plan 1
2	Phase ON - 3	0	Sp Evt Out 2	0	Fast Flasher	0	Plan 2
3	Phase ON - 4	0	Sp Evt Out 3	0	Fig 3 Diamond	0	Plan 3
4	Phase ON - 5	0	Sp Evt Out 4	0	Fig 4 Diamond	0	Plan 4
5	Phase ON - 6	0	Sp Evt Out 5	0		0	Plan 5
6	Phase ON - 7	0	Sp Evt Out 6	0		0	Plan 6
7	Phase ON - 8	0	Sp Evt Out 7	0		0	Plan 7
8	Ph. Check - 1	0	Sp Evt Out 8	0	NOT-3	0	Plan 8
9	Ph. Check - 2	0		0	NOT-4	0	Plan 9
A	Ph. Check - 3	0	Detector Fail	0	OR-4	0	Spec. Funct. 3
B	Ph. Check - 4	0	Spec. Funct. 1	0	OR-5	0	Spec. Funct. 4
C	Ph. Check - 5	0	Spec. Funct. 2	0	OR-6	0	NAND-3
D	Ph. Check - 6	0	Central Control	0	AND-4	0	NAND-4
E	Ph. Check - 7	0	Excl. Ped DW	0	NAND-1	0	OR-7
F	Ph. Check - 8	0	Excl. Ped WK	0	NAND-2	0	OR-8

Assignable Outputs

<C=0+E=127>

DATE INSTALLED:

Prepared By: ES Reviewed By: AO

APPROVED



3/7/2011

INTERSECTION: PARK BLVD AT MONTEREY / TRAFALGAR

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	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>

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	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>

Phase	A				B				C				D			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Phase 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phase 2	20	0	0	0	20	0	0	0	20	0	0	0	20	0	0	0
Phase 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phase 4	20	0	0	0	20	0	0	0	20	0	0	0	20	0	0	0
Phase 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phase 6	20	0	0	0	20	0	0	0	20	0	0	0	20	0	0	0
Phase 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phase 8	20	0	0	0	20	0	0	0	20	0	0	0	20	0	0	0
Max Initial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternate Walk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternate FDW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternate Initial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternate Extension	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Alternate Timing

Phase	A				B				C				D			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Phase 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phase 2	20	0	0	0	20	0	0	0	20	0	0	0	20	0	0	0
Phase 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phase 4	20	0	0	0	20	0	0	0	20	0	0	0	20	0	0	0
Phase 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phase 6	20	0	0	0	20	0	0	0	20	0	0	0	20	0	0	0
Phase 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phase 8	20	0	0	0	20	0	0	0	20	0	0	0	20	0	0	0
Max Initial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternate Walk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternate FDW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternate Initial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternate Extension	0	0	0	0	0	0	0	0	0	0	0	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

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
2 <C/5+2+A>
Begin Week
2 <C/5+2+B>
End Month
1 <C/5+2+C>
End Week
1 <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)

Min Time (seconds)
0 <F/1+0+8>
Min Green Before PE Force Off
Max Time (minutes)
255 <F/1+0+9>
Max Preempt Time Before Failure

Min Time (seconds)
0 <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

Prepared By: ES

Reviewed By: AO

APPROVED

3/7/2011
Revision: 10430

DATE INSTALLED:

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

Detector Assignments <C+0+E=126>

<C+0+D=>

Cabinet Type	0	<E/125+D+0>
Enable Redirection (Enable. Redirection = 30)		
Max OFF (minutes)	255	<D/0+0+1>
Max ON (minutes)	7	<D/0+0+2>
Detector Failure Monitor		
		Output Port 1
		Output Port 2
		Output Port 3
		Output Port 4
		Output Port 5
		Output Port 6
		Output Port 7

Number of Digits	Display
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

11 th Digit	0	Disable Alarm Reporting <C/5+F+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>		Radial Time (minutes) (View Radial Timer at E/2+D+6)
Time	10	<C/5+C+0>

Prepared By:	<u>ES</u>
Reviewed By:	AO

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Notes:

$$0 \quad \langle E/27+5+F \rangle$$

Limited Service Interval

Notes:

$$0 \quad \langle E/28+5+F \rangle$$

Limited Service Interval

Prepared By: ES Reviewed By: AO

APPROVED

3/7/2011

