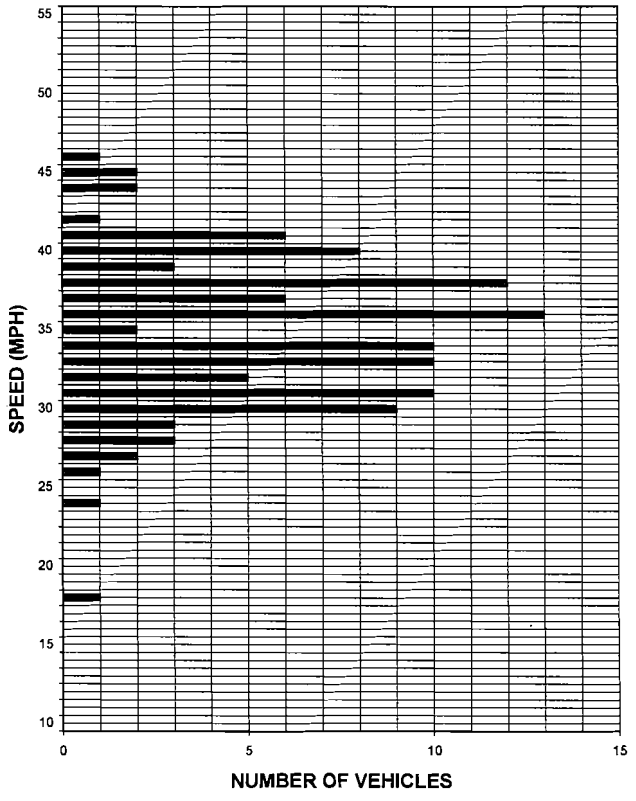
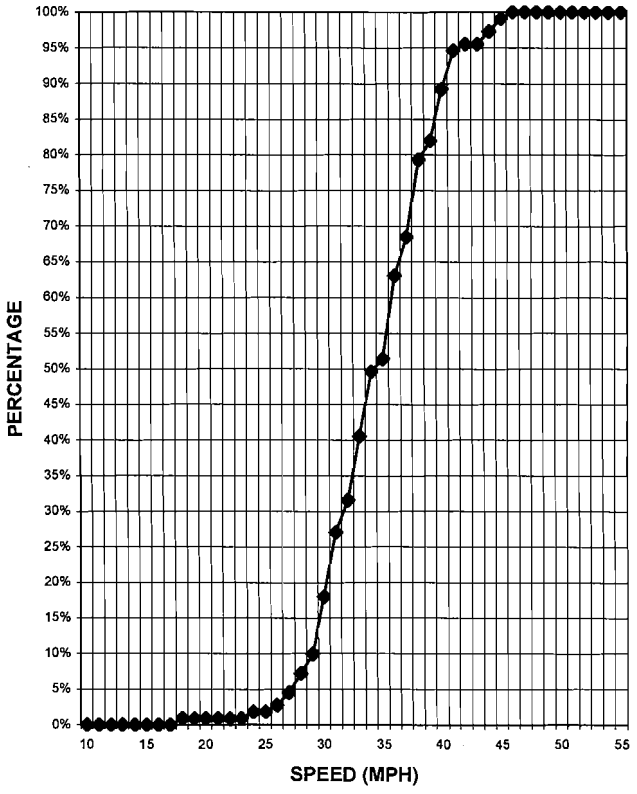
ENGINEERING AND TRAFFIC SURVEY

DATE:	07/02/2008	07/02/2008	**JURISDICTION:**	Daly City
BEGIN TIME:	9:45	10:45	**LOCATION:**	Hickey Blvd
END TIME:	10:15	11:15	**STUDY LIMITS:**	Skyline Blvd
	EB	WB		Gellert Blvd

SPEED SURVEY HISTOGRAM



CUMULATIVE SPEED CURVE



RECORDER:		**SURVEY LOCATION:**	Hickey Blvd
WEATHER:	OVERCAST	**BETWEEN:**	Callan Blvd
		AND:	Gellert Blvd
		DIRECTION:	East and West Bound

AVERAGE SPEED (MPH)	35
CRITICAL SPEED (MPH)	39
PACE SPEED (MPH)	30 - 40
TOTAL VEHICLES	111

It is hereby certified that the attached Traffic Count is a full, true correct copy of the original on file with the Engineering Division of The City of Daly City.

07-01-10

SHIRLEY C. YEE, TRAFFIC ENGINEER **DATE**

OTHER CONSIDERATIONS

ACCIDENT HISTORY: Accident Rate: 292 (2004 - 2008)

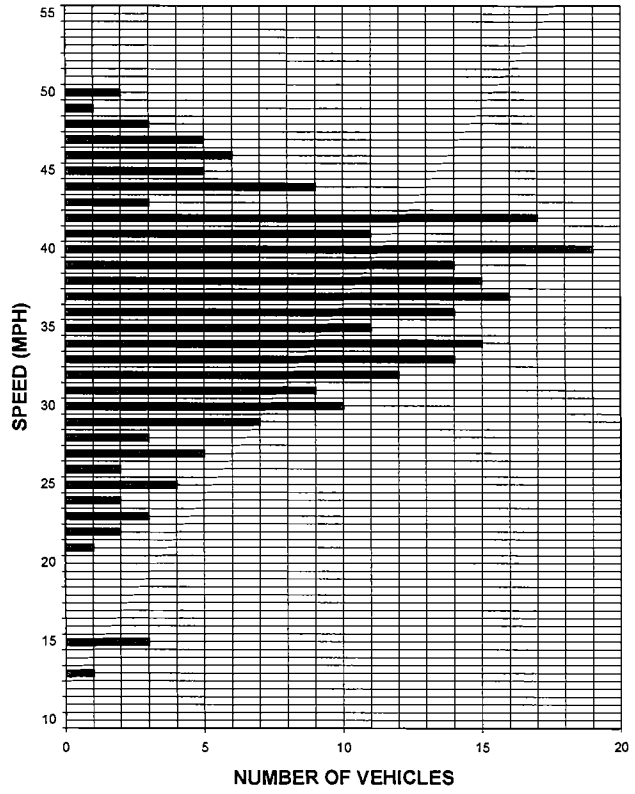
UNUSUAL CONDITIONS Fog, Accidents, Consistency

POSTED SPEED (MPH) 35 **RECOMMENDED SPEED MPH** 35

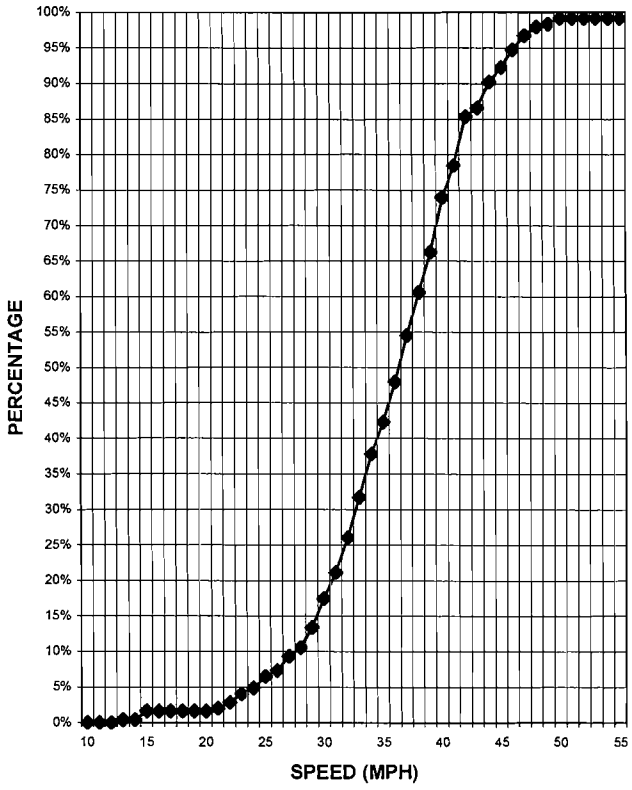
ENGINEERING AND TRAFFIC SURVEY

DATE:	05/01/2008	05/14/2008	**JURISDICTION:**	Daly City
BEGIN TIME:	11:15	10:45	**LOCATION:**	John Daly Blvd
END TIME:	11:45	11:15	**STUDY LIMITS:**	Lake Merced Blvd
	EB	WB		Jumipero Serra Blvd

SPEED SURVEY HISTOGRAM



CUMULATIVE SPEED CURVE



RECORDER:		**SURVEY LOCATION:**	John Daly Blvd
WEATHER:	CLEAR	**BETWEEN:**	Park Plaza Dr
		AND:	Sheffield Dr
		DIRECTION:	East and West Bound

AVERAGE SPEED (MPH)	36
CRITICAL SPEED (MPH)	41
PACE SPEED (MPH)	32 - 42
TOTAL VEHICLES	246

It is hereby certified that the attached Traffic Count is a full, true correct copy of the original on file with the Engineering Division of The City of Daly City.

07-15-2010

SHIRLEY C. YEE, TRAFFIC ENGINEER **DATE**

OTHER CONSIDERATIONS

ACCIDENT HISTORY: Accident Rate: 374 (2004 - 2008)

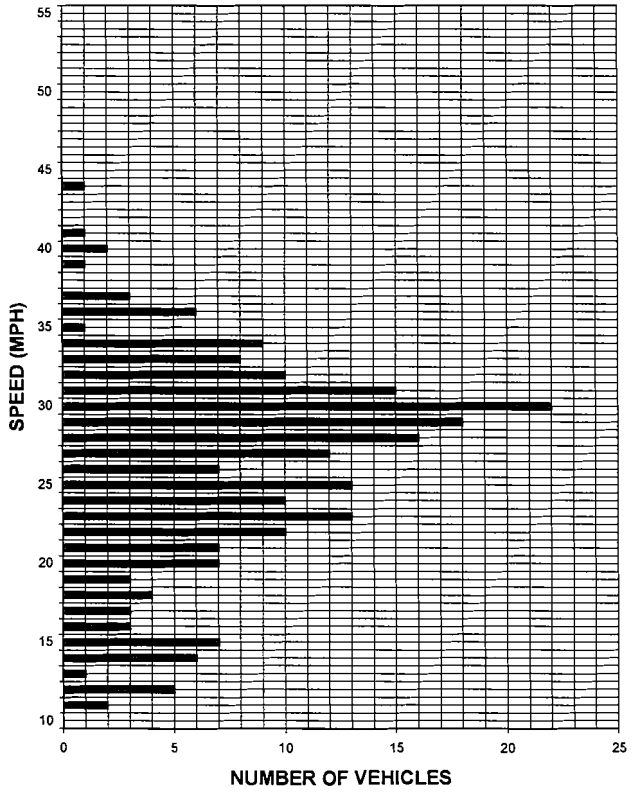
UNUSUAL CONDITIONS Accidents, Fog

POSTED SPEED (MPH) 35 **RECOMMENDED SPEED MPH** 35

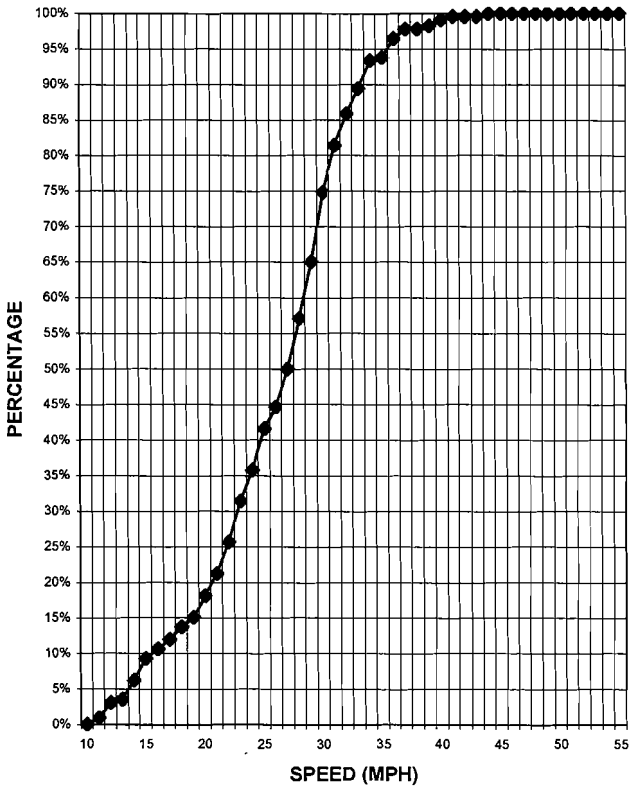
ENGINEERING AND TRAFFIC SURVEY

DATE:	05/14/2008	04/25/2008	**JURISDICTION:**	Daly City
BEGIN TIME:	10:15	11:00	**LOCATION:**	Junipero Serra Blvd
END TIME:	10:45	11:30	**STUDY LIMITS:**	School St
	NB	SB		Colma City Limit

SPEED SURVEY HISTOGRAM



CUMULATIVE SPEED CURVE



RECORDER:		**SURVEY LOCATION:**	Junipero Serra Blvd
WEATHER:	CLEAR	**BETWEEN:**	San Pedro Rd
		AND:	Washington St
		DIRECTION:	North and South Bound

AVERAGE SPEED (MPH)	26
CRITICAL SPEED (MPH)	31
PACE SPEED (MPH)	22 - 32
TOTAL VEHICLES	226

It is hereby certified that the attached Traffic Count is a full, true correct copy of the original on file with the Engineering Division of The City of Daly City.

Shirley C. Yee 07-01-10

SHIRLEY C. YEE, TRAFFIC ENGINEER **DATE**

OTHER CONSIDERATIONS
ACCIDENT HISTORY:

UNUSUAL CONDITIONS

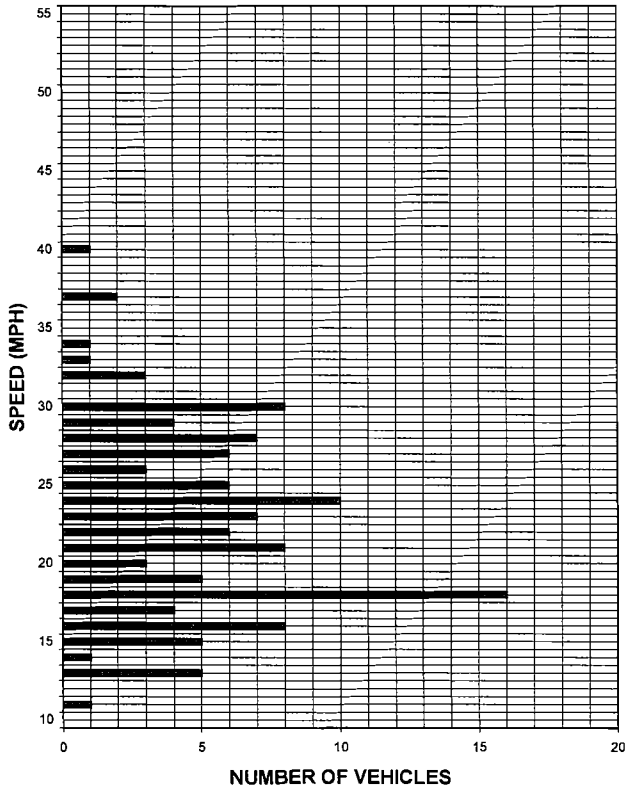
POSTED SPEED (MPH) 35

RECOMMENDED SPEED MPH 35

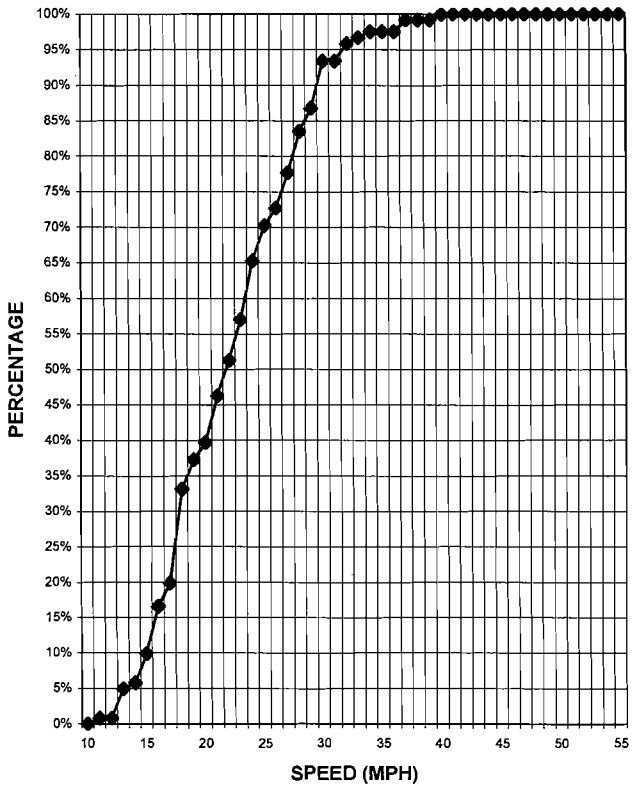
ENGINEERING AND TRAFFIC SURVEY

DATE:	12/10/2008	12/10/2008	**JURISDICTION:**	Daly City
BEGIN TIME:	13:15	13:30	**LOCATION:**	San Pedro Rd
END TIME:	13:30	13:45	**STUDY LIMITS:**	Sullivan Ave
	NB	SB		Mission St

SPEED SURVEY HISTOGRAM



CUMULATIVE SPEED CURVE



RECORDER:		**SURVEY LOCATION:**	San Pedro Rd
WEATHER:	CLEAR	**BETWEEN:**	Washington St
		AND:	Allemany St
		DIRECTION:	North and South Bound

AVERAGE SPEED (MPH)	23
CRITICAL SPEED (MPH)	28
PACE SPEED (MPH)	15 - 25
TOTAL VEHICLES	121

It is hereby certified that the attached Traffic Count is a full, true correct copy of the original on file with the Engineering Division of The City of Daly City.

07-15-2010

SHIRLEY C. YEE, TRAFFIC ENGINEER **DATE**

OTHER CONSIDERATIONS

ACCIDENT HISTORY: Accident Rate: 520

UNUSUAL CONDITIONS Accidents, School

POSTED SPEED (MPH) 25 **RECOMMENDED SPEED MPH** 25

The City of Daly City
RADAR SPEED SURVEY LOCATIONS 2010

	STREET SEGMENT	AVERAGE SPEED (MPH)	CRITICAL SPEED (MPH)	10 MPH PACE SPEED (MPH)	OTHER CONSIDERATIONS A = Accidents C = Consistency F = Fog S = School	POSTED SPEED (MPH)	RECOMMENDED SPEED (MPH)
1	Bayridge Dr. Carter St. to Schwerin St.	23	26	18-28		25	25
2	Bayshore Blvd. Geneva Ave. to San Francisco City Limit	27	35	24-34		35	35
3	Callan Blvd. Southgate Ave. to Serramonte Blvd.	35	41	31-41	C, F	35	35
4	Callan Blvd. Serramonte Blvd. to Hickey Blvd.	31	34	27-37		35	35
5	Callan Blvd. Hickey Blvd. to Morton Dr.	34	37	29-39	A, F	30	30
6	Callan Blvd. Morton Dr. to King Dr.	29	34	23-33	F	30	30
7	Carter St. Guadalupe Canyon Pkwy. to San Francisco City Limit	32	36	27-37		30	35
8	Clarinada Ave. Higate Dr. to Callan Blvd.	20	24	13-23		25	25
9	Crocker Ave. South Hill Blvd. to Rampart Way	26	29	21-31		25	30
10	Crocker Ave. Rampart Way to Templeton Ave.	28	32	23-33	residential density	25	25

The City of Daly City
RADAR SPEED SURVEY LOCATIONS 2010

	STREET SEGMENT	AVERAGE SPEED (MPH)	CRITICAL SPEED (MPH)	10 MPH PACE SPEED (MPH)	OTHER CONSIDERATIONS A = Accidents C = Consistency F = Fog S = School	POSTED SPEED (MPH)	RECOMMENDED SPEED (MPH)
11	E. Market St. Mission St. to Hillside Blvd.	26	30	21-31	C	25	25
12	E. Market St. Hillside Blvd. to East City Limit	21	26	13-23		25	25
13	Eastmoor Ave./Westmoor Ave. Southgate Ave. to St. Francis Blvd.	21	26	15-25		25	25
14	Gellert Blvd. Serramonte Blvd. to Hickey Blvd.	24	29	21-31		30	30
15	Gellert Blvd. Hickey Blvd. to King Dr.	26	31	22-32		30	30
16	Geneva Ave. Santos St. to Bayshore Blvd.	31	37	31-41		35	35
17	Hickey Blvd. Skyline Blvd. to Gellert Blvd.	35	39	30-40	A, C, F	35	35
18	Hickey Blvd. Gellert Blvd. to East City Limit	27	35	23-33		35	35
19	Hillside Blvd. E. Market St. to City Limits	26	29	21-31	C	25	25

The City of Daly City
RADAR SPEED SURVEY LOCATIONS 2010

	STREET SEGMENT	AVERAGE SPEED (MPH)	CRITICAL SPEED (MPH)	10 MPH PACE SPEED (MPH)	OTHER CONSIDERATIONS A = Accidents C = Consistency F = Fog S = School	POSTED SPEED (MPH)	RECOMMENDED SPEED (MPH)
20	Hoffman St. Hillside Blvd. to East End	21	25	18-28		25	25
21	John Daly Blvd. Lake Merced Blvd. to Junipero Serra Blvd.	36	41	32-42	A, F	35	35
22	John Daly Blvd. Skyline Blvd. to Lake Merced Blvd.	30	39	30-40	C, F	35	35
23	John Daly Blvd. Junipero Serra Blvd. to Mission St.	27	33	23-33		35	35
24	Junipero Serra Blvd. Colma City Limit to School St.	26	31	22-32		35	35
25	Junipero Serra Blvd. Citrus Ave. to John Daly Blvd.	31	35	27-37		35	35
26	King Dr. Skyline Blvd. to Verducci Dr.	25	30	22-32		30	30
27	King Dr. Verducci Dr. to City Limit	28	33	23-33	C, F	30	30
28	Lake Merced Blvd. John Daly Blvd. to City Limit	32	37	28-38	senior center, fire station	30	30

The City of Daly City
RADAR SPEED SURVEY LOCATIONS 2010

	STREET SEGMENT	AVERAGE SPEED (MPH)	CRITICAL SPEED (MPH)	10 MPH PACE SPEED (MPH)	OTHER CONSIDERATIONS A = Accidents C = Consistency F = Fog S = School	POSTED SPEED (MPH)	RECOMMENDED SPEED (MPH)
29	Lake Merced Blvd. John Daly Blvd. to Southgate Ave.	22	28	15-25	A	25	25
30	Mission St. San Jose Ave. to San Francisco City Limit	20	26	15-25		25	25
31	San Pedro Rd. Sullivan Ave. to Mission St.	23	28	15-25	A, S	25	25
32	School St. Sullivan Ave. to Mission St.	20	24	15-25		25	25
33	Serramonte Blvd. St. Francis Blvd. to Junipero Serra Blvd.	30	37	24-34	A, F	30	30
34	Skyline Dr. Oceanside Dr. to Westridge Ave.	26	32	21-31	F	25	25
35	Southgate Ave. Elmwood Dr. to Westmoor Ave.	21	26	18-28		25	25
36	Southgate Ave. Westmoor Ave. to St. Francis Blvd.	24	28	19-29	A, C, F, S	25	25
37	Southgate Ave. St. Francis Blvd. to Junipero Serra Blvd.	24	29	21-31	S	25	25
38	South Hill Blvd. Crocker Ave. to San Francisco City Limits	23	27	18-28		25	25

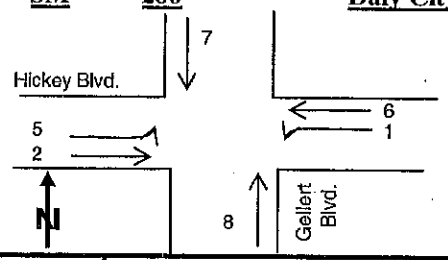
The City of Daly City
RADAR SPEED SURVEY LOCATIONS 2010

	STREET SEGMENT	AVERAGE SPEED (MPH)	CRITICAL SPEED (MPH)	10 MPH PACE SPEED (MPH)	OTHER CONSIDERATIONS A = Accidents C = Consistency F = Fog S = School	POSTED SPEED (MPH)	RECOMMENDED SPEED (MPH)
39	St. Francis Blvd. Eastmoor Ave. to Southgate Ave.	22	28	13-23		30	30
40	St. Francis Blvd. Southgate Ave. to Serramonte Blvd.	27	32	23-33		30	30
41	Sullivan Ave. 87th St. to Eastmoor Ave.	23	27	18-28		25	25
42	Sullivan Ave. Eastmoor Ave. to Seton Hospital Entrance	25	30	22-32		30	30
43	Sullivan Ave. Seton Hospital Entrance to Southgate Ave.	31	35	27-37	hospital	30	30
44	Washington St. Bryant St. to Junipero Serra Blvd.	21	26	18-28		25	25
45	Washington St. Junipero Serra Blvd. to San Pedro Rd.	22	27	15-25		25	25
46	87th Street S. Mayfair Ave. to Pinehaven Dr.	22	27	18-28		25	25
47	Park Plaza Drive John Daly Blvd. to Southgate Ave.	21	26	18-28		25	25
48	Eastmoor Avenue Ocean Grove Ave. to Sullivan Ave.	27	32	24-34	S	25	25

INTERVAL	TIMING FUNCTION	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	WALK		7				7	7	7
1	FLASHING DON'T WALK		22				23	23	23
2	MINIMUM INITIAL	6	10			6	10	6	6
3	TYPE 3 DET. DISCONNECT	0	16			0	16	0	0
4	ADDED SEC./ACTUATION	0	1.5			0	1.5	0	0
5	PASSAGE	2	4			2	4	2	2
6	MAXIMUM GAP	3	5			3	5	3	3
7	MINIMUM GAP	1	3			1	3	1.5	1.5
8	MAXIMUM EXTENSION I	21	20			16	20	16	21
9	MAXIMUM EXTENSION II	26							
A	MAXIMUM EXTENSION III								
B									
C	SEC. OF GAP REDUCED	0.1	0.1			0.1	0.1	0.1	0.1
D	PER SEC. OF INTERVAL	0.8	1.5			0.8	1.5	0.8	1
E	YELLOW	3	4			3	4	3.2	3.2
F	RED CLEARANCE	0	0			0	0	1	1

TURN ON	TIMING CHANGE BY:	REMARKS	FILE
1715EB/W	SC	ALL RED FLASH	
DATE	DATE	Print Date / By / FILENAME / E#	OPERATION
May 20, '93	July 27, '09	July 27, '09 / SC / Hickey_Gellert_C8.xls	5Ø

COUNTY	ROUTE	PM	CITY
SM	280		Daly City



INTERSECTION: **HICKEY BLVD. & GELLERT BLVD. (CITY)** — PROGRAM: **C8.4** Ld/Lg

NOTE: To Initialize Controller: 1)Set Location & Feature Switches; 2) Clear RAM Location C-C-0 with STOP-TIME ON; 3) Enter Non-zero at C-C-1 to enter timing; 4)Enter 0 at C-C-1 to start

******SET REAL TIME CLOCK TO TELEPHONE TIME******

* MODEM REQUIRED; MASTER @ RTE 280 NB RAMPS & HICKEY BLVD. *

*** Set Phase 3 timing the same as phase 8 timings for proper operation of EV

Updates to coordination plans per implementation/fine-tuning - 11/2008.

INTERVAL	FLAG FUNCTION	DISPLAY	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
0	PERMITTED PHASES	F 243	ON	ON			ON	ON	ON	ON
1	RED DETECTOR LOCK									
2	YELLOW DET. LOCK	F 017	ON				ON			
3	VEHICLE RECALL	F 034		ON				ON		
4	PEDESTRIAN RECALL									
5	PEDESTRIAN PHASES	F 226		ON				ON	ON	ON
6	OVERLAP A									
7	OVERLAP B									
8	DOUBLE ENTRY	F 034		ON				ON		
9	MAX EXT. II	F 001	ON							
A	LAG PHASES	VIEW	*FOR OBSERVATION ONLY (SET LAG PHASES AT C-F-0 TO C-F-9)*							
B	RED REST									
C	NON ACTUATED									
D	MAXIMUM EXT. III									
E	START UP YELLOW									
F	FIRST PHASE GREEN	F 034		ON				ON		

EPROM BOARD - 412C

CHIP	PROGRAM	NUMBER	CHECKSUM	CHIP	PROGRAM	NUMBER	CHECKSUM
U1	C8.4	C#69	28D4	U2	C8.4	D#69	O6CE

	1	2	3	4	5	6	7	8
LOCATION (1=ON)								
SWITCH (0=OFF)	1	1	0	0	0	0	0	0
FEATURE (1=ON)								
SWITCH (0=OFF)	0	0	0	0	0	0	0	0

CODE	FUNCTION	ENTER	DISPLAY	
			LAMPS	TIMING
F-0-E	MAXIMUM VARIABLE INITIAL	20 E		F 020
F-0-F	RED REVERT	20 E		F 02.0
F-D-0	TBCSEL	1 E		F 001
F-D-1	HOUR	0 E		F 000
F-D-2	MINUTE	0 E		F 000
F-D-8	OFFSET SEEKING FLAG	1 E		F 001
C-0-0	LOCAL ADDRESS	OBSERVE	ONLY	C 003
C-C-2	PC MASTER DOWNLOAD	0 E		C 000
C-F-C	COORDINATED FAZES	2 6	2 6	C 034
D-0-9	FEATURE (Set by Feature Switch)	OBSERVE	ONLY	d 000
* F-C-F	RAM ACCESS (Set/Clear)	123 E		F123
* E-C-D	ASSIGN DETECTOR 3I9L AS 1I9L	1	1	E001
* E-F-4	Assign 6J3L as calling type	7	7	E064
* F-C-F	RAM ACCESS (Set/Clear)	0 E		F000
* E-F-7	Ph 7 Ped Output to Ph 4 Ped L/S	7	7	E064
F-E-8	EVD Delay	20 E		F020
F-E-9	EVD Hold	10 E		F010
F-E-A	EV MAX TIMER	15 E		F015
C-F-0	LAG FAZES "FREE"	2 4 5 8	2 4 5 8	C 154
C-F-1	LAG FAZES "PATTERN 1"	2 4 5 8	2 4 5 8	C 154
C-F-2	LAG FAZES "PATTERN 2"	2 4 5 8	2 4 5 8	C 154
C-F-3	LAG FAZES "PATTERN 3"	2 4 5 7	2 4 5 7	C 090
C-F-4	LAG FAZES "PATTERN 4"	2 4 5 7	2 4 5 7	C 090
C-F-5	LAG FAZES "PATTERN 5"	2 4 5 8	2 4 5 8	C 154
C-F-6	LAG FAZES "PATTERN 6"	2 4 5 8	2 4 5 8	C 154
C-F-7	LAG FAZES "PATTERN 7"	2 4 5 8	2 4 5 8	C 154
C-F-8	LAG FAZES "PATTERN 8"	1 4 6 8	1 4 6 8	C 169
C-F-9	LAG FAZES "PATTERN 9"	2 4 5 7	2 4 5 7	C 090

CODE	FUNCTION	ENTER	DISPLAY	
			LAMPS	TIMING
D-3-C	STRETCH DETECTOR 1I9U	20 E		d02.0
D-3-D	STRETCH DETECTOR 1I9L	20 E		d02.0
C-E-1	LAG PHASE Gap-Out "PATTERN 1"	5 E		C 005
C-E-2	LAG PHASE Gap-Out "PATTERN 2"	5 E		C 005
C-E-3	LAG PHASE Gap-Out "PATTERN 3"	5 E		C 005
C-E-4	LAG PHASE Gap-Out "PATTERN 4"	5 E		C 005
C-E-5	LAG PHASE Gap-Out "PATTERN 5"	5 E		C 005
C-E-6	LAG PHASE Gap-Out "PATTERN 6"	5 E		C 005
C-E-7	LAG PHASE Gap-Out "PATTERN 7"	E		C
C-E-8	LAG PHASE Gap-Out "PATTERN 8"	E		C
C-E-9	LAG PHASE Gap-Out "PATTERN 9"	E		C

SM	280	0	HICKEY BLVD. & GELLERT BLVD. (CITY)	Daly City
County	Route	PM	Location	City

PATTERN 1

CODE	FUNCTION	ENTER	DISPLAY
C-1-0	CYC. LENG.	100 E	C 100
C-1-1	ϕ 1 SPLIT	20 E	C 020
C-1-2	ϕ 2 SPLIT	E	C
C-1-3	ϕ 3 SPLIT	E	C
C-1-4	ϕ 4 SPLIT	E	C
C-1-5	ϕ 5 SPLIT	14 E	C 014
C-1-6	ϕ 6 SPLIT	E	C
C-1-7	ϕ 7 SPLIT	19 E	C 019
C-1-8	ϕ 8 SPLIT	21 E	C 021
C-1-A	OFFSET A	0 E	C 000
C-1-B	OFFSET B	E	C
C-1-C	OFFSET C	E	C

PATTERN 2

CODE	FUNCTION	ENTER	DISPLAY
C-2-0	CYC. LENG.	100 E	C 100
C-2-1	ϕ 1 SPLIT	17 E	C 017
C-2-2	ϕ 2 SPLIT	E	C
C-2-3	ϕ 3 SPLIT	E	C
C-2-4	ϕ 4 SPLIT	E	C
C-2-5	ϕ 5 SPLIT	14 E	C 014
C-2-6	ϕ 6 SPLIT	E	C
C-2-7	ϕ 7 SPLIT	19 E	C 019
C-2-8	ϕ 8 SPLIT	21 E	C 021
C-2-A	OFFSET A	0 E	C 000
C-2-B	OFFSET B	E	C
C-2-C	OFFSET C	E	C

PATTERN 3

CODE	FUNCTION	ENTER	DISPLAY
C-3-0	CYC. LENG.	110 E	C 110
C-3-1	ϕ 1 SPLIT	25 E	C 025
C-3-2	ϕ 2 SPLIT	E	C
C-3-3	ϕ 3 SPLIT	E	C
C-3-4	ϕ 4 SPLIT	E	C
C-3-5	ϕ 5 SPLIT	25 E	C 025
C-3-6	ϕ 6 SPLIT	E	C
C-3-7	ϕ 7 SPLIT	24 E	C 024
C-3-8	ϕ 8 SPLIT	21 E	C 021
C-3-A	OFFSET A	57 E	C 057
C-3-B	OFFSET B	E	C
C-3-C	OFFSET C	E	C

PATTERN 4

CODE	FUNCTION	ENTER	DISPLAY
C-4-0	CYC. LENG.	120 E	C 120
C-4-1	ϕ 1 SPLIT	21 E	C 021
C-4-2	ϕ 2 SPLIT	E	C
C-4-3	ϕ 3 SPLIT	E	C
C-4-4	ϕ 4 SPLIT	E	C
C-4-5	ϕ 5 SPLIT	15 E	C 015
C-4-6	ϕ 6 SPLIT	E	C
C-4-7	ϕ 7 SPLIT	31 E	C 031
C-4-8	ϕ 8 SPLIT	27 E	C 027
C-4-A	OFFSET A	67 E	C 067
C-4-B	OFFSET B	E	C
C-4-C	OFFSET C	E	C

PATTERN 5

CODE	FUNCTION	ENTER	DISPLAY
C-5-0	CYC. LENG.	110 E	C 110
C-5-1	ϕ 1 SPLIT	17 E	C 017
C-5-2	ϕ 2 SPLIT	E	C
C-5-3	ϕ 3 SPLIT	E	C
C-5-4	ϕ 4 SPLIT	E	C
C-5-5	ϕ 5 SPLIT	12 E	C 012
C-5-6	ϕ 6 SPLIT	E	C
C-5-7	ϕ 7 SPLIT	23 E	C 023
C-5-8	ϕ 8 SPLIT	25 E	C 025
C-5-A	OFFSET A	E	C 000
C-5-B	OFFSET B	E	C
C-5-C	OFFSET C	E	C

PATTERN 6

CODE	FUNCTION	ENTER	DISPLAY
C-6-0	CYC. LENG.	120 E	C 120
C-6-1	ϕ 1 SPLIT	22 E	C 022
C-6-2	ϕ 2 SPLIT	E	C
C-6-3	ϕ 3 SPLIT	E	C
C-6-4	ϕ 4 SPLIT	E	C
C-6-5	ϕ 5 SPLIT	12 E	C 012
C-6-6	ϕ 6 SPLIT	E	C
C-6-7	ϕ 7 SPLIT	23 E	C 023
C-6-8	ϕ 8 SPLIT	25 E	C 025
C-6-A	OFFSET A	E	C 000
C-6-B	OFFSET B	E	C
C-6-C	OFFSET C	E	C

PATTERN 7

CODE	FUNCTION	ENTER	DISPLAY
C-7-0	CYC. LENG.	110 E	C 110
C-7-1	ϕ 1 SPLIT	20 E	C 020
C-7-2	ϕ 2 SPLIT	E	C
C-7-3	ϕ 3 SPLIT	E	C
C-7-4	ϕ 4 SPLIT	E	C
C-7-5	ϕ 5 SPLIT	9 E	C 009
C-7-6	ϕ 6 SPLIT	E	C
C-7-7	ϕ 7 SPLIT	31 E	C 031
C-7-8	ϕ 8 SPLIT	25 E	C 025
C-7-A	OFFSET A	45 E	C 045
C-7-B	OFFSET B	E	C
C-7-C	OFFSET C	E	C

PATTERN 8

CODE	FUNCTION	ENTER	DISPLAY
C-8-0	CYC. LENG.	120 E	C 120
C-8-1	ϕ 1 SPLIT	24 E	C 024
C-8-2	ϕ 2 SPLIT	E	C
C-8-3	ϕ 3 SPLIT	E	C
C-8-4	ϕ 4 SPLIT	E	C
C-8-5	ϕ 5 SPLIT	18 E	C 018
C-8-6	ϕ 6 SPLIT	E	C
C-8-7	ϕ 7 SPLIT	31 E	C 031
C-8-8	ϕ 8 SPLIT	21 E	C 021
C-8-A	OFFSET A	35 E	C 035
C-8-B	OFFSET B	E	C
C-8-C	OFFSET C	E	C

PATTERN 9

CODE	FUNCTION	ENTER	DISPLAY
C-9-0	CYC. LENG.	120 E	C 120
C-9-1	ϕ 1 SPLIT	25 E	C 025
C-9-2	ϕ 2 SPLIT	E	C
C-9-3	ϕ 3 SPLIT	E	C
C-9-4	ϕ 4 SPLIT	E	C
C-9-5	ϕ 5 SPLIT	11 E	C 011
C-9-6	ϕ 6 SPLIT	E	C
C-9-7	ϕ 7 SPLIT	31 E	C 031
C-9-8	ϕ 8 SPLIT	33 E	C 033
C-9-A	OFFSET A	51 E	C 051
C-9-B	OFFSET B	E	C
C-9-C	OFFSET C	E	C

COORD MAX RECALL

CODE	PATTERN	ENTER	CALL LAMPS	TIMING DATA
D-D-1	1			d
D-D-2	2			d
D-D-3	3			d
D-D-4	4			d
D-D-5	5			d
D-D-6	6			d
D-D-7	7			d
D-D-8	8			d
D-D-9	9			d

COORD MIN RECALL

CODE	PATTERN	ENTER	CALL LAMPS	TIMING DATA
D-E-1	1			d
D-E-2	2			d
D-E-3	3			d
D-E-4	4			d
D-E-5	5			d
D-E-6	6			d
D-E-7	7			d
D-E-8	8			d
D-E-9	9			d

COORD PED RECALL

CODE	PATTERN	ENTER	CALL LAMPS	TIMING DATA
D-F-1	1			d
D-F-2	2			d
D-F-3	3			d
D-F-4	4			d
D-F-5	5			d
D-F-6	6			d
D-F-7	7			d
D-F-8	8			d
D-F-9	9			d

SM	280	0	HICKEY BLVD. & GELLERT BLVD. (CITY)	Daly City
County	Route	PM	LOCATION	CITY

CONTROL CODE "7"

TIME OF DAY ACTIVITY TABLE

KEY STROKES 7 + EVENT # + HOUR + MIN + ACT CODE + "E" + ON/OFF + DOW LTS

EVENT #	TIME	ACTIVITY CODE	DEPRESS "E"	ON/OFF	DAY OF THE WEEK SET DISPLAY LIGHTS 1-7							
				LIGHT	SUN	MON	TUE	WED	THUR	FRI	SAT
				0	1	2	3	4	5	6	7
0	0715	2	E	ON		X	X	X	X	X	
1	0845	2	E	OFF		X	X	X	X	X	
2	1000	2	E	ON		X	X	X	X	X	
3	1900	2	E	OFF		X	X	X	X	X	
4			E								
5			E								
6			E								
7			E								
8			E								
9			E								
A			E								
B			E								
C			E								
D			E								
E			E								
F			E								

CONTROL CODE "9"

TIME OF DAY SELECTION FOR COORDINATED CONTROL PLANS

KEY STROKES 9 + EVENT # + HOUR + MIN + Control Plan + Offset + "E" + DOW LTS

DATE	BY	EVENT #	TIME	CONTROL PLAN	OFFSET	DEPRESS "E"	DAY OF THE WEEK SET DISPLAY LIGHTS 1-7						
							SUN	MON	TUE	WED	THUR	FRI	SAT
							1	2	3	4	5	6	7
		0	0700	7	A	E		X	X	X	X	X	
		1	0930	E	A	E		X	X	X	X	X	
		2	1100	8	A	E		X	X	X	X	X	
		3	1500	9	A	E		X	X	X	X	X	
		4	1915	E	A	E		X	X	X	X	X	
		5	1030	3	A	E							X
		6	1200	4	A	E							X
		7	1700	3	A	E							X
		8	1800	E	A	E							X
		9	1100	3	A	E	X						
		A	1600	E	A	E	X						
		B				E							
		C				E							
		D				E							
		E				E							
		F				E							

"7" KEY ACTIVITY CODE

1=TYPE OF SIMULTANEOUS PHASE TERMINATION
2=MAX 2 FAZES
3=MAX 3 FAZES
4=CONDITIONAL SERVICE (1ST SELECT) FAZES SET AT E-F-0
5=CONDITIONAL SERVICE (2ND SELECT) FAZES SET AT E-F-1
6=ENERGIZE AUX 6 RED
7=ENERGIZE AUX 6 GREEN
8=ENERGIZE AUX 6 YELLOW
9=CONSTANT CALL ON FAZES SET AT D-F-A
A=TRAFFIC ACTUATED MAX 2 OPERATION
B=CONSTANT CALL ON FAZES SET AT D-F-B
C=YELLOW YIELD COORDINATION
D=YELLOW YIELD COORDINATION
E=COORD FREE IF F-D-4 = 0
F=FLASHING OPERATION

SM	280	0	HICKEY BLVD. & GELLERT BLVD. (CITY)	Daly City
County	Route	PM	Location	City

INTERSECTION: John Daly & Sheffield

Group Assignment: **NONE**
Field Master Assignment: **NONE**
System Reference Number: **8**

N/S Street Name: **Not Assigned**
E/W Street Name: **Not Assigned**

Last Database Change: **4/26/2013 8:07**

Change Record					
Change	By	Date	Change	By	Date
new Walk and FDW	KH	04/13			
new timing plans	KH	04/13			
new gap max		12/15			
new yellow time		12/15			

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	0	<C/0+0+1>
Area Number	0	<C/0+0+2>
Area Address	5	<C/0+0+3>
QuicNet Channel	COM101:	(QuicNet)

Communication Addresses

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

Manual Selection

Flash Start	8	<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	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ---->								
0	Ped Walk	0	5	0	5	0	5	0	0
1	Ped FDW	0	22	0	26	0	18	0	0
2	Min Green	3	6	4	5	3	6	0	0
3	Type 3 Disconnect	0	0	0	0	0	0	0	0
4	Added per Vehicle	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
5	Veh Extension	3.0	3.5	3.0	3.0	2.0	3.5	0.0	0.0
6	Max Gap	3.5	4.0	6.0	4.0/4.5	2.5	4.0	0.0	0.0
7	Min Gap	2.5	3.0	4.0	2.5	1.5	3.0	0.0	0.0
8	Max Limit	30	45	20	20	10	40	0	0
9	Max Limit 2	40	50	35	35	15	60	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	3.0	3.9/4.3	3.5	3.0	3.0	3.9/4.3	0.0	0.0
F	Red Clear	1.0	1.0	1.5	1.0	0.5	1.0	0.0	0.0

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

	9 ---	A ---	B ---	C ---	D ---
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	0	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 Initial					
Alternate Extension					

Alternate Timing <C+0+F=1>

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	---

Preempt Timing

Row	F	
0	Permit	123456__
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	_2___6__
B	Max 2	_____6__
C	Cond. Service	_____
D	Man Cntrl Calls	_____
E	Yellow Start	_____
F	First Phases	_2___6__

Phase Functions <C+0+F=1>

Row	Column Numbers --->	Overlap 1	2	3	4	5	6	7	8
	Overlap Name --->								
0	Load Switch Number	13	9	0	0	0	0	0	0
1	Veh Set 1 - Phases	34 8	34						
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases	12 56							
5	Neg Ped Phases		12 56						
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	1.5	1.5	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 = QuicNet/4 System
5 = Ignore P/P on EV
6 =
7 = Reserved
8 =

Row		C
0	EV-A	125
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 --->	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	
B	EV-B Phases	
C	EV-C Phases	
D	EV-D Phases	
E	Extra 1 Config. Bits	1 3 5
F	IC Select (Interconnect)	2

Configuration <C+0+E=125>

	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>

	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>

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

Row		2
0		
1	Phase 1	15
2	Phase 2	26
3	Phase 3	15
4	Phase 4	30
5	Phase 5	15
6	Phase 6	26
7	Phase 7	0
8	Phase 8	0

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

INTERSECTION: John Daly & Sheffield

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

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9	Row
	Plan Name ---->										
0	Cycle Length	116	116	120	110	114	120	0	0	0	0
1	Phase 1 - ForceOff	18	22	79	21	75	76	0	0	0	1
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0	2
3	Phase 3 - ForceOff	33	39	17	34	17	17	0	0	0	3
4	Phase 4 - ForceOff	69	75	53	66	53	53	0	0	0	4
5	Phase 5 - ForceOff	84	89	67	80	68	68	0	0	0	5
6	Phase 6 - ForceOff	0	0	0	20	0	0	0	0	0	6
7	Phase 7 - ForceOff	0	0	0	0	0	0	0	0	0	7
8	Phase 8 - ForceOff	0	0	0	0	0	0	0	0	0	8
9	Ring Offset	0	0	0	0	0	0	0	0	0	9
A	Offset 1	40	42	110	45	60	55	0	0	0	A
B	Offset 2	0	0	0	0	0	0	0	0	0	B
C	Offset 3	0	0	0	0	0	0	0	0	0	C
D	Perm 1 - End	15	15	15	15	15	15	0	0	0	D
E	Hold Release	255	255	255	255	255	255	0	0	0	E
F	Zone Offset	0	0	0	0	0	0	0	0	0	F

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

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

Sync Phases <C+0+C=1>

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

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

Row		F	Row
0			0
1	Free Lag	2 4 6 8	1
2	Plan 1 - Lag	1 4 6 8	2
3	Plan 2 - Lag	1 4 6 8	3
4	Plan 3 - Lag	2 4 6 8	4
5	Plan 4 - Lag	2 4 6 8	5
6	Plan 5 - Lag	2 4 6 8	6
7	Plan 6 - Lag	2 4 6 8	7
8	Plan 7 - Lag		8
9	Plan 8 - Lag		9
A	Plan 9 - Lag		A
B	External Lag		B
C			C
D			D
E			E
F			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	Pretimed	0	Set Monday	0	Dial 2 (7-Wire)	0	Sim Term	0	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	1
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	2
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Reserved	0	Offset 2 (7-Wire)	0	EV-C	73	3
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	4
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	5
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	6
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	53	Excl. Ped Omit	0	Spec. Event 1	0	7
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	80	NOT-1	0	Spec. Event 2	0	8
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	9
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	A
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	B
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	C
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	D
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	E
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	F

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

Assignable Outputs <C+0+E=127>

Row	Column Numbers ----> / 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>

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

Max Initial
Alternate Walk
Alternate FDW
Alternate Initial
Alternate Extension

Alternate Timing

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

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	3	<C/5+2+A>
Begin Week	2	<C/5+2+B>
End Month	11	<C/5+2+C>
End Week	1	<C/5+2+D>

Daylight Savings Time

Row		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>

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

Max Initial
Alternate Walk
Alternate FDW
Alternate Initial
Alternate Extension

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 ---->	0	1	2	3	1	3
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	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_	6	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

	4	5	6	7	2	4
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_	2	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>

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

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

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

Dimming <C+0+E=125>

	D
Number of Digits	0
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

<C+0+C=5>

Dial-Back Telephone Number

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

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

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)

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

Row	Time	Plan	Offset	Day of Week
0	06 : 45	1	A	_23456_
1	09 : 00	E	A	_23456_
2	11 : 00	2	A	_23456_
3	15 : 00	3	A	_23456_
4	20 : 00	E	A	_23456_
5	09 : 00	5	A	____7
6	12 : 00	6	A	____7
7	17 : 00	5	A	1___7
8	19 : 30	E	A	____7
9	10 : 00	5	A	1_____
A	13 : 00	6	A	1_____
B	19 : 00	E	A	1_____
C	00 : 00	0	0	_____
D	00 : 00	0	0	_____
E	00 : 00	0	0	_____
F	00 : 00	0	0	_____

TOD Function <C+0+7=0.1>

Time	Funct.	Day of Week
00 : 00	0	_____
00 : 01	E	1234567
06 : 45	B	_23456_
09 : 00	B	_23456_
11 : 00	B	_23456_
15 : 00	B	_23456_
19 : 00	B	_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	_____

<C+0+E=27>

Column 4 Phases/Bits
_____
1_____
_____6
_____
_____6
1____6
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

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	_____

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	_____

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

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

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	_____

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

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	_____

<C+0+E=28>

Column 4 Phases/Bits
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

Holiday Dates <C+0+8=1.2>
(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	_____

Holiday Events <C+0+9=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	_____

Row	6 Clear	7 Time	8 Ped Call	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F 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 Clear	7 Time	8 Ped Call	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F 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) | 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

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

Delay Time (seconds) | 0 | <F/1+A+D>

Bus Delay

Max Time (seconds) | 0 | <F/1+A+E>

Max Early Green

Max Time (seconds) | 0 | <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)

INTERSECTION JUNIPERO SERRA BOULEVARD / WASHINGTON STREET

Group Assignment: **NONE**
Field Master Assignment: **NONE**
System Reference Number: **2**

N/S Street Name: **Junipero Serra Blvd**
E/W Street Name: **Washington St/I-280 NB Ramp**

Last Database Change: **10/15/2009 14:04**

Change Record					
Change	By	Date	Change	By	Date
Update Timing	Iteris	08/09			
Fine-Tuned	Iteris	09/09			

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

Notes: Proposed red light camera for South approach
No right turn on red: EB, WB

Drop Number	1	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	2	<C/0+0+3>
QuicNet Channel	COM1:	(QuicNet)

Communication Addresses

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

Manual Selection

Flash Start	10	<F/1+0+E)>
Red Revert	2.0	<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	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ---->	SBL	NBT		EB1	NBL	SBT	EB2	WB
0	Ped Walk				5		5		
1	Ped FDW				25		23		
2	Min Green	4	8		6	6	8	6	10
3	Type 3 Disconnect								
4	Added per Vehicle	2.0	2.0		2.0	2.0	2.0	2.0	2.0
5	Veh Extension	1.0	1.0		1.0	1.0	1.0	1.0	1.0
6	Max Gap	2.0	3.5		2.0	2.0	3.5	2.0	2.0
7	Min Gap	1.0	2.0		1.0	1.0	2.0	1.0	1.0
8	Max Limit	30	55		35	30	60	30	25
9	Max Limit 2	40	40		40	40	40	40	40
A	Adv. / Delay Walk								
B	RR Min Ped FDW								
C	Cond Serv Check								
D	Reduce Every	1.0	1.0		1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	3.6		3.0	3.0	3.6	3.0	3.0
F	Red Clear	1.0	1.0		1.0	1.0	1.0	1.0	1.0

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

	9	A	B	C	D
	---	---	---	---	---
Phase 1	10	0	0	0	0.0
Phase 2	12	0	0	0	0.0
Phase 3	0	0	0	0	0.0
Phase 4	12	0	0	0	0.0
Phase 5	12	0	0	0	0.0
Phase 6	12	0	0	0	0.0
Phase 7	12	0	0	0	0.0
Phase 8	16	0	0	0	0.0
Max Initial					
Alternate Walk					
Alternate FDW					
Alternate Initial					
Alternate Extension					

Alternate Timing <C+0+F=1>

	E
RR-1 Delay	0
RR-1 Clear	0
EV-A Delay	3
EV-A Clear	3
EV-B Delay	3
EV-B Clear	3
EV-C Delay	3
EV-C Clear	3
EV-D Delay	3
EV-D Clear	3
RR-2 Delay	0
RR-2 Clear	0
View EV Delay	---
View EV Clear	---
View RR Delay	---
View RR Clear	---

Preempt Timing

Row	F
0	Permit: 12_45678
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: 4
9	Max Recall:
A	Soft Recall: 2 6
B	Max 2:
C	Cond. Service:
D	Man Cntrl Calls:
E	Yellow Start:
F	First Phases: 2 6

Phase Functions <C+0+F=1>
F + F +interval

Row	Column Numbers ---->	Overlap 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>

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 = QuicNet/4 System
5 = Ignore P/P on EV
6 =
7 = Reserved
8 =

Row		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 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	
B	EV-B Phases	
C	EV-C Phases	
D	EV-D Phases	
E	Extra 1 Config. Bits	1_3_5
F	IC Select (Interconnect)	2

Configuration <C+0+E=125>
E + E + interval

	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>
E + F + interval

	F
Fast Green Flash Phase	
Green Flash Phases	
Flashing Walk Phases	
Guaranteed Passage	
Simultaneous Gap Term	12_45678
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	12_45678
Start-up Ped Calls	4_6

Specials <C+0+F=2>
F + F + interval

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

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

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

6/10/2014

INTERSECTION: JUNIPERO SERRA BOULEVARD / WASHINGTON STREET **SHEET 3 OF 8**

Row	Column Numbers --->	Plan 1	2	3	4	5	6	7	8	9
	Plan Name --->									
0	Cycle Length	120	110	110	110	100	120	100	100	100
1	Phase 1 - ForceOff	86	21 69	92	78 71	56	25	53	53	53
2	Phase 2 - ForceOff	16	54 0	17 26	0	0	0	0	0	0
3	Phase 3 - ForceOff	16	0	0	0	0	25	0	0	0
4	Phase 4 - ForceOff	61	0 48	73	56 46	36	69	43	43	43
5	Phase 5 - ForceOff	16	14 69	18 26	71	56	93	58	58	58
6	Phase 6 - ForceOff	0	54 0	0	0	0	25	0	0	0
7	Phase 7 - ForceOff	38	83 25	45 53	35 28	18	47	20	20	20
8	Phase 8 - ForceOff	61	0 48	73	56 46	36	69	43	43	43
9	Ring Offset									
A	Offset 1	100	32	40	106	24	102	52	42	33
B	Offset 2									
C	Offset 3									
D	Perm 1 - End	15	15	15	15	15	15	15	15	15
E	Hold Release	255	255	255	255	255	255	255	255	255
F	Zone Offset									

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

(Coord Extra Bit 1 = Programmed WALK Time for Sync Phases)

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

Sync Phases <C+0+C=1>

Row										
0	Ped Adjustment	0	0	0	0	0	0	0	0	0
1	Perm 2 - Start	0	0	0	0	0	0	0	0	0
2	Perm 2 - End	0	0	0	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										
8	Pretimed Phases									
9	Max Recall									
A	Perm 1 Veh Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
B	Perm 1 Ped Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678
C	Perm 2 Veh Phase									
D	Perm 2 Ped Phase									
E	Perm 3 Veh Phase									
F	Perm 3 Ped Phase									

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

	F	Row
Free Lag	2 45 8	0
Plan 1 - Lag	2 45 8	1
Plan 2 - Lag	2 4 6 8	2
Plan 3 - Lag	2 45 8	3
Plan 4 - Lag	2 4 6 8	4
Plan 5 - Lag	2 4 6 8	5
Plan 6 - Lag	1 4 6 8	6
Plan 7 - Lag	2 4 6 8	7
Plan 8 - Lag	2 4 6 8	8
Plan 9 - Lag	2 4 6 8	9
External Lag		A
		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	Pretimed	0	Set Monday	0	Dial 2 (7-Wire)	0	Sim Term	0	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	1
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	2
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	3
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	4
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	5
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	6
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	7
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	8
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	9
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	A
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	B
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	C
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	D
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	E
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	F

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

Assignable 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	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	RR 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	0.0
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 Initial
Alternate Extension

Alternate Timing

Row		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	RR 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	0.0
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 Initial
Alternate Extension

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

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

Advance Warning Beacon - Sign 1

Time Before 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 = 0.5)

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

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

Disable Low Priority Channel

Column Numbers ---->

Row	Detector Name	Input Slot	Det #	0 C1 Pin Number	1 Attributes	2 Phase(s)	3 Assign	1 Delay in sec.	3 Carry-over
0		2I2U	1	39	45_7_	2	123 8	0.0	0.0
1		6J2U	2	40	45_7_	6	123 8	0.0	0.0
2		4I6U	3	41	45_7_	4	123 8	0.0	0.0
3		8J6U	4	42	45_7_	8	123 8	0.0	0.0
4		2I2L	5	43	45_7_	2	123 8	0.0	0.0
5		6J2L	6	44	45_7_	6	123 8	0.0	0.0
6		4I6L	7	45	45_7_	4	123 8	0.0	0.0
7		8J6L	8	46	45_7_	8	123 8	0.0	0.0
8		2I4	9	47	67_	2	123 8	0.0	0.0
9		6J4	10	48	67_	6	123 8	0.0	0.0
A		4I8	11	49	67_	4	123 8	0.0	0.0
B		8J8	12	50	67_	8	123 8	0.0	0.0
C		5J1	13	55	45_7_	5	123 8	0.0	0.0
D		1I1	14	56	45_7_	1	123 8	0.0	0.0
E		7J5	15	57	45_7_	7	123 8	0.0	0.0
F		3I5	16	58	45_7_	3	123 8	0.0	0.0

Row	Detector Name	Input Slot	Det #	4 C1 Pin Number	5 Attributes	6 Phase(s)	7 Assign	2 Delay in sec.	4 Carry-over
0		5J9U	17	59	45_7_	5	123 8	0.0	0.0
1		1I9U	18	60	45_7_	1	123 8	0.0	0.0
2		7J9L	19	61	45_7_	7	123 8	0.0	0.0
3		3I9L	20	62	45_7_	3	123 8	0.0	0.0
4		2I3U	21	63	45_7_	2	123 8	0.0	0.0
5		6J3U	22	64	45_7_	6	123 8	0.0	0.0
6		4I7U	23	65	45_7_	4	123 8	0.0	0.0
7		8J7U	24	66	45_7_	8	123 8	0.0	0.0
8			25	67	2	2	123 8	0.0	0.0
9			26	68	2	6	123 8	0.0	0.0
A			27	69	2	4	123 8	0.0	0.0
B			28	70	2	8	123 8	0.0	0.0
C		2I3L	29	76	45_7_	2	123 8	0.0	0.0
D		6J3L	30	77	45_7_	6	123 8	0.0	0.0
E		4I7L	31	78	45_7_	4	123 8	0.0	0.0
F		8J7L	32	79	45_7_	8	123 8	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

	D
Number of Digits	0
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>

Column Numbers ---->

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

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

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

Dimming <C+0+E=125>

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

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

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)

Row	Time	Plan	Offset	Day of Week
0	07 : 00	2	A	_23456_
1	11 : 00	3	A	_23456_
2	15 : 30	4	A	_23456_
3	18 : 30	E	A	_23456_
4	00 : 01	E	A	1____7
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=0.1>
(Bank 1)

Time	Funct	Day of Week	Column 4 Phases/Bits
11 : 00	3	_23456_	____5____
15 : 30	3	_23456_	
07 : 00	B	_23456_	____4__78
18 : 30	B	_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		

TOD Function <C+0+7=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	

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)

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 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor

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	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	Column 4 Phases/Bits
: 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=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	

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)

Row	6 Clear	7 Time	8 Ped Call	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F 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 Clear	7 Time	8 Ped Call	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F 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

INTERSECTION **JUNIPERO SERRA BOULEVARD / SAN PEDRO ROAD** **SHEET 1 OF 8**

Group Assignment: **NONE**
Field Master Assignment: **NONE**
System Reference Number: **3**

N/S Street Name: **Junipero Serra Blvd**
E/W Street Name: **San Pedro Rd**

Last Database Change: **10/15/2009 13:52**

Change Record					
Change	By	Date	Change	By	Date
Update Timing	Iteris	08/09			
Fine-Tuned	Iteris	09/09			

Notes: Red light camera for East approach
Master location

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	3	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	1	<C/0+0+2>
Area Address	3	<C/0+0+3>
QuicNet Channel	COM1:	(QuicNet)

Communication Addresses

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

Manual Selection

Flash Start	10	<F/1+0+E)>
Red Revert	2.0	<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	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ---->	SBL	NBT	WBL	EBT	NBL	SBT	EBL	WBT
0	Ped Walk		7		6				
1	Ped FDW		19		25				
2	Min Green	3	8	3	6	3	8	4	6
3	Type 3 Disconnect								
4	Added per Vehicle	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
5	Veh Extension	1.0	3.0	5.0	2.0	3.0	3.0	3.0	2.0
6	Max Gap	2.0	3.0	5.0	2.0	3.0	3.0	2.0	3.0
7	Min Gap	1.0	2.0	3.0	1.0	2.0	2.0	1.0	2.0
8	Max Limit	20	30	40	30	30	20 30	30	20
9	Max Limit 2	40	40	40	40	40	40	40	40
A	Adv. / Delay Walk								
B	RR Min Ped FDW								
C	Cond Serv Check								
D	Reduce Every								
E	Yellow Change	3.2	3.6	3.2	3.2	3.2	3.6	3.2	3.2
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>
F + phase + interval

	9	A	B	C	D
	---	---	---	---	---
Phase 1	9	0	0	0	0.0
Phase 2	12	0	0	0	0.0
Phase 3	9	0	0	0	0.0
Phase 4	12	0	0	0	0.0
Phase 5	9	0	0	0	0.0
Phase 6	12	0	0	0	0.0
Phase 7	10	0	0	0	0.0
Phase 8	10	0	0	0	0.0

Max Initial
Alternate Walk
Alternate FDW
Alternate Initial
Alternate Extension

Alternate Timing <C+0+F=1>

	E
RR-1 Delay	0
RR-1 Clear	0
EV-A Delay	0.0
EV-A Clear	0.0
EV-B Delay	0.0
EV-B Clear	0.0
EV-C Delay	0.0
EV-C Clear	0.0
EV-D Delay	0.0
EV-D Clear	0.0
RR-2 Delay	0.0
RR-2 Clear	0.0
View EV Delay	---
View EV Clear	---
View RR Delay	---
View RR Clear	---

Preempt Timing

Row		F
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	2 6
B	Max 2	
C	Cond. Service	
D	Man Cntrl Calls	
E	Yellow Start	
F	First Phases	2 6

Phase Functions <C+0+F=1>
F + F +interval

INTERSECTION: JUNIPERO SERRA BOULEVARD / SAN PEDRO ROAD **SHEET** 2 **OF** 8

Row	Column Numbers ---->	Overlap 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>

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 = QuicNet/4 System
5 = Ignore P/P on EV
6 =
7 = Reserved
8 =

Row		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
8		
9		
A		
B		
C		
D		
E		
F		

Preempt Priority <C+0+E=125>
(* RR-1 is always Highest, and RR-2 is 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	
B	EV-B Phases	
C	EV-C Phases	
D	EV-D Phases	
E	Extra 1 Config. Bits	1_3_5
F	IC Select (Interconnect)	2

Configuration <C+0+E=125>
E + E + interval

	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>
E + F + interval

	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	_2_4_

Specials <C+0+F=2>
F + F + interval

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

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

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

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9
	Plan Name ---->									
0	Cycle Length	120	110	110		100	120	100	100	100
1	Phase 1 - ForceOff	17	14	14		67	104	67	68	68
2	Phase 2 - ForceOff	0	0	0		0	25	0	0	0
3	Phase 3 - ForceOff	40	47	44		25	59	22	23	28
4	Phase 4 - ForceOff	90	80 33	80 36		55	88	52	53	55
5	Phase 5 - ForceOff	114	101 21	95 101 21		74	25	77	74	74
6	Phase 6 - ForceOff	17	13	13		0	0	0	0	0
7	Phase 7 - ForceOff	40	80	34		18	50	27	25	25
8	Phase 8 - ForceOff	90	52	80		55	88	52	53	55
9	Ring Offset									
A	Offset 1	68	76	47		30	16	19	22	22
B	Offset 2									
C	Offset 3									
D	Perm 1 - End	15	15	15		15	15	15	15	15
E	Hold Release	255	255	255		255	255	255	255	255
F	Zone Offset									

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

(Coord Extra Bit 1 = Programmed WALK Time for Sync Phases)

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

Sync Phases <C+0+C=1>

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

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

	F	Row
Free Lag	2 4 6 8	0
Plan 1 - Lag	1 4 6 8	1
Plan 2 - Lag	1 4 67	2
Plan 3 - Lag	1 4 6 8	3
Plan 4 - Lag	2 4 6 8	4
Plan 5 - Lag	2 4 6 8	5
Plan 6 - Lag	23 5 8	6
Plan 7 - Lag	2 4 6 8	7
Plan 8 - Lag	2 4 6 8	8
Plan 9 - Lag	2 4 6 8	9
External Lag		A
		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	Pretimed	0	Set Monday	0	Dial 2 (7-Wire)	0	Sim Term	0	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	1
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	2
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	3
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	4
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	5
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	6
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	7
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	8
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	9
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	A
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	B
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	C
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	D
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	E
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	F

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

Assignable Outputs <C=0+E=127>

Row	Column Numbers ---> / 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	RR 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	0.0
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 Initial
Alternate Extension

Alternate Timing

Row	Phase Names --->	1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	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	RR 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	0.0
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 Initial
Alternate Extension

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

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

Advance Warning Beacon - Sign 1

Time Before 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 = 0.5)

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

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

Disable Low Priority Channel

Column Numbers ---->

Row	Detector Name	Input Slot	Det #	0 C1 Pin Number	1 Attributes	2 Phase(s)	3 Assign	1 Delay in sec.	3 Carry-over
0		2I2U	1	39	45_7	2	123 8	0.0	0.0
1		6J2U	2	40	45_7	6	123 8	0.0	0.0
2		4I6U	3	41	45_7	4	123 8	0.0	0.0
3		8J6U	4	42	45_7	8	123 8	0.0	0.0
4		2I2L	5	43	45_7	2	123 8	0.0	0.0
5		6J2L	6	44	45_7	6	123 8	0.0	0.0
6		4I6L	7	45	45_7	4	123 8	0.0	0.0
7		8J6L	8	46	45_7	8	123 8	0.0	0.0
8		2I4	9	47	67	2	123 8	0.0	0.0
9		6J4	10	48	67	6	123 8	0.0	0.0
A		4I8	11	49	67	4	123 8	0.0	0.0
B		8J8	12	50	67	8	123 8	0.0	0.0
C		5J1	13	55	45_7	5	123 8	0.0	0.0
D		1I1	14	56	45_7	1	123 8	0.0	0.0
E		7J5	15	57	45_7	7	123 8	0.0	0.0
F		3I5	16	58	45_7	3	123 8	0.0	0.0

Row	Detector Name	Input Slot	Det #	4 C1 Pin Number	5 Attributes	6 Phase(s)	7 Assign	2 Delay in sec.	4 Carry-over
0		5J9U	17	59	45_7	5	123 8	0.0	0.0
1		1I9U	18	60	45_7	1	123 8	0.0	0.0
2		7J9L	19	61	45_7	7	123 8	0.0	0.0
3		3I9L	20	62	45_7	3	123 8	0.0	0.0
4		2I3U	21	63	45_7	2	123 8	0.0	0.0
5		6J3U	22	64	45_7	6	123 8	0.0	0.0
6		4I7U	23	65	45_7	4	123 8	0.0	0.0
7		8J7U	24	66	45_7	8	123 8	0.0	0.0
8			25	67	2	2	123 8	0.0	0.0
9			26	68	2	6	123 8	0.0	0.0
A			27	69	2	4	123 8	0.0	0.0
B			28	70	2	8	123 8	0.0	0.0
C		2I3L	29	76	45_7	2	123 8	0.0	0.0
D		6J3L	30	77	45_7	6	123 8	0.0	0.0
E		4I7L	31	78	45_7	4	123 8	0.0	0.0
F		8J7L	32	79	45_7	8	123 8	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

D	
Number of Digits	0
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>

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

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

	D	Row
		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

Dimming <C+0+E=125>

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

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

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)

INTERSECTION: JUNIPERO SERRA BOULEVARD / SAN PEDRO ROAD

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

Row	Time	Plan	Offset	Day of Week
0	07 : 00	2	A	_23456_
1	11 : 00	3	A	_23456_
2	15 : 30	E	A	_23456_
3	00 : 01	E	A	1____7
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 Function <C+0+7=1> <C+0+E=27>

Time	Funct	Day of Week	Column 4 Phases/Bits
07 : 00	3	_23456_	1__4__8
15 : 30	3	_23456_	
15 : 30	E	_23456_	1_____
18 : 30	E	_23456_	
07 : 00	B	_23456_	___4__8
15 : 30	B	_23456_	_2_4_6_8
18 : 30	B	_23456_	
15 : 30	3	_23456_	___4__8
18 : 30	3	_23456_	
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	

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	

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 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor

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

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

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	

Holiday TOD Function <C+0+7=2> <C+0+E=28>

Time	Funct	Day of Week	Column 4 Phases/Bits
: 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)

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 Events <C+0+9=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	

Row	6 Clear	7 Time	8 Ped Call	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F 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 Clear	7 Time	8 Ped Call	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F 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

CITY OF DALY CITY

333-90TH STREET

DALY CITY, CA 94015-1895

PHONE: (650) 991-8000

April 19, 2013

Russell Pacheco
Red Light Photo Enforcement Administrator
City of Daly City
Police Department
333 90th Street
Daly City, CA 94015

Subject: **Yellow Times at Hickey Boulevard/Gellert Boulevard, Junipero Serra Boulevard/San Pedro Road, Junipero Serra Boulevard/Washington Street, and John Daly Boulevard/Poncetta Drive**

Dear Russell:

The yellow times at the subject intersections were verified by our Traffic Signal Technician on April 19, 2013 as follows:

The yellow times at the intersection of **Hickey Boulevard/Gellert Boulevard** were:

Phase 1 (westbound left): 3.0 sec.
Phase 2 (eastbound): 4.0 sec.
Phase 5 (eastbound left): 3.0 sec.
Phase 6 (westbound): 4.0 sec.
Phase 7 (southbound left): 3.2 sec.
Phase 8 (northbound): 3.2 sec.

The yellow times at the intersection of **Junipero Serra Boulevard/San Pedro Road** were verified as follows:

Phase 1 (southbound left): 3.2 sec.
Phase 2 (northbound): 3.6 sec.
Phase 3 (westbound left): 3.2 sec.
Phase 4 (eastbound): 3.2 sec.
Phase 5 (northbound left): 3.2 sec.
Phase 6 (southbound): 3.6 sec.
Phase 7 (eastbound left): 3.2 sec.
Phase 8 (westbound): 3.2 sec.

The yellow times at the intersection of **Junipero Serra Boulevard/Washington Street** were:

Phase 1 (southbound left): 3.0 sec.
Phase 2 (northbound): 3.6 sec.
Phase 4 (eastbound): 3.0 sec.
Phase 5 (northbound left): 3.0 sec.
Phase 6 (southbound): 3.6 sec.
Phase 7 (eastbound left): 3.0 sec.
Phase 8 (westbound): 3.0 sec.

The yellow times at the intersection of **John Daly Boulevard/Poncetta Drive** were:

Phase 1 (westbound left): 3.0 sec.
Phase 2 (eastbound): 3.9 sec.
Phase 3 (eastbound on S. Mayfair Ave.): 3.5 sec.
Phase 4 (northbound-southbound): 3.0 sec.
Phase 5 (eastbound left): 3.0 sec.
Phase 6 (westbound): 3.9 sec.

Respectfully,

Shirley Chan
Traffic Engineer

CITY OF DALY CITY

333 - 90TH STREET
DALY CITY, CA 94015-1895
PHONE: (650) 991-8000

December 1, 2015

Russell Pacheco
Red Light Photo Enforcement Administrator
City of Daly City
Police Department
333 90th Street
Daly City, CA 94015

Subject: **Yellow Times at Hickey Boulevard/Gellert Boulevard, Junipero Serra Boulevard/San Pedro Road, Junipero Serra Boulevard/Washington Street, and John Daly Boulevard/Poncetta Drive**

Dear Russell:

The yellow times at the subject intersections were verified by our Traffic Signal Technician on November 19, 2015 as follows:

The yellow times at the intersection of **Hickey Boulevard/Gellert Boulevard** were:

Phase 1 (westbound left): 3.0 sec.
Phase 2 (eastbound): 4.0 sec.
Phase 5 (eastbound left): 3.0 sec.
Phase 6 (westbound): 4.0 sec.
Phase 7 (southbound left): 3.2 sec.
Phase 8 (northbound): 3.2 sec.

The yellow times at the intersection of **Junipero Serra Boulevard/San Pedro Road** were verified as follows:

Phase 1 (southbound left): 3.2 sec.
Phase 2 (northbound): 3.6 sec.
Phase 3 (westbound left): 3.2 sec.
Phase 4 (eastbound): 3.2 sec.
Phase 5 (northbound left): 3.2 sec.
Phase 6 (southbound): 3.6 sec.
Phase 7 (eastbound left): 3.2 sec.
Phase 8 (westbound): 3.2 sec.

The yellow times at the intersection of **Junipero Serra Boulevard/Washington Street** were:

Phase 1 (southbound left): 3.0 sec.
Phase 2 (northbound): 3.6 sec.
Phase 4 (eastbound): 3.0 sec.
Phase 5 (northbound left): 3.0 sec.
Phase 6 (southbound): 3.6 sec.
Phase 7 (eastbound left): 3.0 sec.
Phase 8 (westbound): 3.0 sec.

The yellow times at the intersection of **John Daly Boulevard/Poncetta Drive** were verified by our Traffic Signal Technician on December 1, 2015 as follows:

Phase 1 (westbound left): 3.0 sec.
Phase 2 (eastbound): 4.3 sec.
Phase 3 (eastbound on S. Mayfair Ave.): 3.5 sec.
Phase 4 (northbound-southbound): 3.0 sec.
Phase 5 (eastbound left): 3.0 sec.
Phase 6 (westbound): 4.3 sec.

Respectfully,

Shirley Chan
Traffic Engineer