

# City of Oakland



Community Economic  
Development Agency (CEDA)  
Design Construction Services Department  
Transportation Services Division

## Memorandum

To: Daniel Clanton  
From: Ade Oluwasogo *ADD 09-30-09*  
Date Memo Prepared: 7/2/2009  
Prepared By: Mohamed Alaoui  
Location: SAN LEANDRO ST @ 98TH AVE

Signal Timing Log ID 481

### Change Description:

Retiming signal as part of 98th Ave Coordination between Denslow Ave to B Street.  
110" Cycles for AM/PM, and signal runs free during MID and OFFPEAK hours.  
Assigned new phasing for 98th Ave (NB/SB) and San Leandro St (EB/WB). Phasing  
changed to Phase 2 NB, 6 SB, 4 EB, 8 WB.

Cycle Change ☒ Initial Ped Change ☐ Offset Change ☒ All Red Change ☐  
Split Change ☒ FDW Change ☐ Max Change ☒ Yellow Change ☐  
Other Change Signal Phasing

Installed By: Guy Drael Date Timing Installed: 10/27/09

WOT 314692 +

(B) 12-14-09 T

## Calculation of Pedestrian Crossing Time

Intersection: San Leandro Street & 98th Avenue

E/W Street: San Leandro Street

N/S Street: 98th Avenue

Cycle Length(s): 110, 110

Ped Walking Speed= 4 ft/sec

| Cycle No. | Named of Street Being Crossed | Existing Condition |                         |                 |                 | Calculated Clearance time (sec) | Revised         |                 |
|-----------|-------------------------------|--------------------|-------------------------|-----------------|-----------------|---------------------------------|-----------------|-----------------|
|           |                               | Xing Dist (ft)     | Parking Lane Width (ft) | Walk time (Sec) | Clr. Time (sec) |                                 | Walk time (sec) | Clr. Time (sec) |
| 1         | San Leandro Street            | 88                 | 0                       | 11              | 24              | $(88-0)/4=$ 22                  | 11              | 24              |
| 2         |                               | 88                 | 0                       | 11              | 24              | $(88-0)/4=$ 22                  | 11              | 24              |
| 3         |                               |                    |                         |                 |                 |                                 |                 |                 |
| 4         |                               |                    |                         |                 |                 |                                 |                 |                 |
| 1         | 98th Avenue                   | 87                 | 0                       | 11              | 24              | $(87-0)/4=$ 21.75               | 11              | 24              |
| 2         |                               | 87                 | 0                       | 11              | 24              | $(87-0)/4=$ 21.75               | 11              | 24              |
| 3         |                               |                    |                         |                 |                 |                                 |                 |                 |
| 4         |                               |                    |                         |                 |                 |                                 |                 |                 |

**Comment:**

No change from existing clearance.

- Note:**
- 1) Ped Clearance Time= (Xing Dist-Parking Lane)ft/ Walk speed
  - 2) Walking speed is 4 feet per second unless specified otherwise
  - 3) P= Parking; NP= No Parking; AC=Bus Stop; Clr=Clearance
  - 4) Min. Clr. Time=10 Sec
  - 5) Xing Dist = Distance from center of curb ramp to center of curb ramp.

Prepared by:  
Reviewed By:  
Approved By:

ES  
BMA  
AO

*AOO 09-30-09*  
Initial and Date

INTERSECTION: San Leandro Street / 98th Ave.

Group Assignment:  
Field Master Assignment:  
System Reference Number: 62

N/S Street Name: 98th Avenue  
E/W Street Name: San Leandro Street

Page 1 (of 9)  
Last Database Change: 11/29/2003 14:44

| Change | By | Date | Change | By | Date |
|--------|----|------|--------|----|------|
|        |    |      |        |    |      |
|        |    |      |        |    |      |
|        |    |      |        |    |      |
|        |    |      |        |    |      |
|        |    |      |        |    |      |

Notes:  
RR2 Pre-emption is used. Upon receiving Pre-emption call, phase 4 & 7 will go to track clearance interval for 15 seconds green, plus 3 seconds yellow and 1 seconds red, (this time interval is adjustable).  
Then controller will go to limited operation serving phases 2,3,5,6 as long as Pre-emption call is active.  
The yellow clearance output of phase 2 ped load switch is used to activate the Rail Road "No Right / Left Turn" Sign.  
The yellow clearance output of phase 5 ped load switch is used to activate the ped audible signal by time of the day from 6:00 AM to 9:00 PM.

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

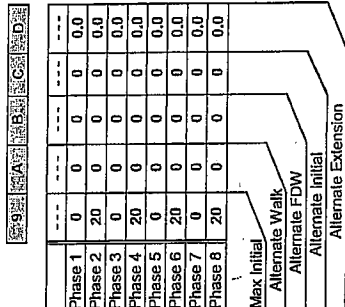
|               |     |          |
|---------------|-----|----------|
| Flash Start   | 4   | <F1+0+E> |
| Red Revert    | 2.0 | <F1+0+F> |
| All Red Start | 4.0 | <F1+0+2> |

|                |     |          |
|----------------|-----|----------|
| Exclusive Walk | 0   | <F1+0+0> |
| Exclusive FDW  | 0   | <F1+0+1> |
| All Red Clear  | 0.0 | <F1+0+2> |

Manual Plan  
Manual Offset  
Manual Selection

Manual Plan  
Manual Offset  
Manual Selection

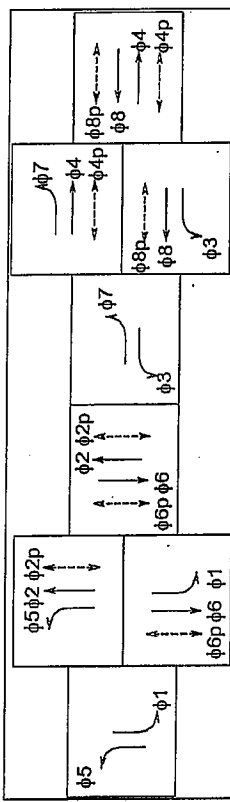
| Column Numbers | Phase             | SB   | NB  | WB  | EB  | SB  | NB  | WB  | EB  | SB  | NB  | WB  | EB  |
|----------------|-------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 301            | Ped Walk          | 0    | 11  | 0   | 11  | 0   | 11  | 0   | 11  | 0   | 11  | 0   | 11  |
| 302            | Ped FDW           | 0    | 19  | 0   | 19  | 0   | 19  | 0   | 19  | 0   | 19  | 0   | 19  |
| 303            | Min Green         | 5    | 8   | 5   | 8   | 5   | 8   | 5   | 8   | 5   | 8   | 5   | 8   |
| 304            | Type 3 Disconnect | 0    | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  |
| 305            | Added per Vehicle | 0.0  | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 |
| 306            | Veh Extension     | 3.0  | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 307            | Max Gap           | 3.0  | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 308            | Min Limit         | 2.0  | 15  | 30  | 20  | 15  | 30  | 20  | 15  | 30  | 20  | 15  | 30  |
| 309            | Max Limit 2       | 30   | 50  | 30  | 40  | 30  | 50  | 30  | 40  | 30  | 50  | 30  | 40  |
| 310            | Adv / Delay Walk  | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 311            | PE Min Ped FDW    | 7    | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
| 312            | Cond Serv Check   | 10   | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  |
| 313            | Reduce Every      | -1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 314            | Yellow Change     | 3.0  | 4.0 | 3.0 | 4.0 | 3.0 | 4.0 | 3.0 | 4.0 | 3.0 | 4.0 | 3.0 | 4.0 |
| 315            | Red Clear         | 1.0  | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |



| Row | Phase          | RR-1 Delay | RR-1 Clear | EV-A Delay | EV-A Clear | EV-B Delay | EV-B Clear | EV-C Delay | EV-C Clear | EV-D Delay | EV-D Clear | RR-2 Delay | RR-2 Clear | View EV Delay | View EV Clear | View RR Delay | View RR Clear |
|-----|----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------------|---------------|---------------|---------------|
| 1   | Permit         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 2   | Red Lock       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 3   | Yellow Lock    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 4   | Min Recall     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 5   | Ped Recall     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 6   | View Set Peds  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 7   | Rest In Walk   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 8   | Red Rest       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 9   | Dual Entry     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 10  | Max Recall     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 11  | Soft Recall    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 12  | Max 2          | 16         | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---           | ---           | ---           | ---           |
| 13  | Cond. Service  | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---           | ---           | ---           | ---           |
| 14  | Man Chrt Calls | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---           | ---           | ---           | ---           |
| 15  | Yellow Start   | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---           | ---           | ---           | ---           |
| 16  | First Phases   | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---           | ---           | ---           | ---           |

Alternate Timing <C+0+F=1>

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



| Row | Phase          | RR-1 Delay | RR-1 Clear | EV-A Delay | EV-A Clear | EV-B Delay | EV-B Clear | EV-C Delay | EV-C Clear | EV-D Delay | EV-D Clear | RR-2 Delay | RR-2 Clear | View EV Delay | View EV Clear | View RR Delay | View RR Clear |
|-----|----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------------|---------------|---------------|---------------|
| 1   | Permit         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 2   | Red Lock       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 3   | Yellow Lock    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 4   | Min Recall     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 5   | Ped Recall     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 6   | View Set Peds  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 7   | Rest In Walk   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 8   | Red Rest       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 9   | Dual Entry     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 10  | Max Recall     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 11  | Soft Recall    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | ---           | ---           | ---           | ---           |
| 12  | Max 2          | 16         | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---           | ---           | ---           | ---           |
| 13  | Cond. Service  | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---           | ---           | ---           | ---           |
| 14  | Man Chrt Calls | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---           | ---           | ---           | ---           |
| 15  | Yellow Start   | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---           | ---           | ---           | ---           |
| 16  | First Phases   | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---        | ---           | ---           | ---           | ---           |

Phase Functions <C+0+F=1>  
Offsets based on bi-directional coordination  
ON 98TH AVE AT SAN LEANDRO ST  
ON 98TH AVE AT EDES AVE  
C1 C2 C3 C4  
FIELD OFFSET (O1) 56  
FIELD OFFSET (O2) 56  
FIELD OFFSET (O3) 56  
DATE INSTALLED: 10/27/03  
Prepared By: ES  
Reviewed By: BMA

San Leandro Street

98th Avenue

LEGEND: VALUES IN SHADED CELLS HAVE BEEN MODIFIED

APPROVED

| Column Numbers → |                       | Overlap |   |   |   |   |   |
|------------------|-----------------------|---------|---|---|---|---|---|
| Row              | Overlap Name →        |         |   |   |   |   |   |
| 103              | Load Switch Number    | 0       | 0 | 0 | 0 | 0 | 0 |
| 104              | Veh Set 1 - Phases    |         |   |   |   |   |   |
| 105              | Veh Set 2 - Phases    |         |   |   |   |   |   |
| 106              | Veh Set 3 - Phases    |         |   |   |   |   |   |
| 107              | Neg Veh Phases        |         |   |   |   |   |   |
| 108              | Neg Ped Phases        |         |   |   |   |   |   |
| 109              | Green Onit Phases     |         |   |   |   |   |   |
| 110              | Green Clear Onit Phs. |         |   |   |   |   |   |
| 111              |                       |         |   |   |   |   |   |
| 112              |                       |         |   |   |   |   |   |
| 113              |                       |         |   |   |   |   |   |
| 114              |                       |         |   |   |   |   |   |
| 115              |                       |         |   |   |   |   |   |
| 116              |                       |         |   |   |   |   |   |
| 117              |                       |         |   |   |   |   |   |
| 118              |                       |         |   |   |   |   |   |
| 119              |                       |         |   |   |   |   |   |
| 120              |                       |         |   |   |   |   |   |
| 121              |                       |         |   |   |   |   |   |
| 122              |                       |         |   |   |   |   |   |
| 123              |                       |         |   |   |   |   |   |
| 124              |                       |         |   |   |   |   |   |
| 125              |                       |         |   |   |   |   |   |
| 126              |                       |         |   |   |   |   |   |
| 127              |                       |         |   |   |   |   |   |
| 128              |                       |         |   |   |   |   |   |
| 129              |                       |         |   |   |   |   |   |
| 130              |                       |         |   |   |   |   |   |
| 131              |                       |         |   |   |   |   |   |
| 132              |                       |         |   |   |   |   |   |
| 133              |                       |         |   |   |   |   |   |
| 134              |                       |         |   |   |   |   |   |
| 135              |                       |         |   |   |   |   |   |
| 136              |                       |         |   |   |   |   |   |
| 137              |                       |         |   |   |   |   |   |
| 138              |                       |         |   |   |   |   |   |
| 139              |                       |         |   |   |   |   |   |
| 140              |                       |         |   |   |   |   |   |
| 141              |                       |         |   |   |   |   |   |
| 142              |                       |         |   |   |   |   |   |
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| 145              |                       |         |   |   |   |   |   |
| 146              |                       |         |   |   |   |   |   |
| 147              |                       |         |   |   |   |   |   |
| 148              |                       |         |   |   |   |   |   |
| 149              |                       |         |   |   |   |   |   |
| 150              |                       |         |   |   |   |   |   |
| 151              |                       |         |   |   |   |   |   |
| 152              |                       |         |   |   |   |   |   |
| 153              |                       |         |   |   |   |   |   |
| 154              |                       |         |   |   |   |   |   |
| 155              |                       |         |   |   |   |   |   |
| 156              |                       |         |   |   |   |   |   |
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| 158              |                       |         |   |   |   |   |   |
| 159              |                       |         |   |   |   |   |   |
| 160              |                       |         |   |   |   |   |   |
| 161              |                       |         |   |   |   |   |   |
| 162              |                       |         |   |   |   |   |   |
| 163              |                       |         |   |   |   |   |   |
| 164              |                       |         |   |   |   |   |   |
| 165              |                       |         |   |   |   |   |   |
| 166              |                       |         |   |   |   |   |   |
| 167              |                       |         |   |   |   |   |   |
| 168              |                       |         |   |   |   |   |   |
| 169              |                       |         |   |   |   |   |   |
| 170              |                       |         |   |   |   |   |   |
| 171              |                       |         |   |   |   |   |   |
| 172              |                       |         |   |   |   |   |   |
| 173              |                       |         |   |   |   |   |   |
| 174              |                       |         |   |   |   |   |   |
| 175              |                       |         |   |   |   |   |   |
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| 177              |                       |         |   |   |   |   |   |
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| 179              |                       |         |   |   |   |   |   |
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| 184              |                       |         |   |   |   |   |   |
| 185              |                       |         |   |   |   |   |   |
| 186              |                       |         |   |   |   |   |   |
| 187              |                       |         |   |   |   |   |   |
| 188              |                       |         |   |   |   |   |   |
| 189              |                       |         |   |   |   |   |   |
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| 191              |                       |         |   |   |   |   |   |
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| 210              |                       |         |   |   |   |   |   |
| 211              |                       |         |   |   |   |   |   |
| 212              |                       |         |   |   |   |   |   |
| 213              |                       |         |   |   |   |   |   |
| 214              |                       |         |   |   |   |   |   |
| 215              |                       |         |   |   |   |   |   |
| 216              |                       |         |   |   |   |   |   |
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| 228              |                       |         |   |   |   |   |   |
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| 232              |                       |         |   |   |   |   |   |
| 233              |                       |         |   |   |   |   |   |
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| 237              |                       |         |   |   |   |   |   |
| 238              |                       |         |   |   |   |   |   |
| 239              |                       |         |   |   |   |   |   |
| 240              |                       |         |   |   |   |   |   |
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| 242              |                       |         |   |   |   |   |   |
| 243              |                       |         |   |   |   |   |   |
| 244              |                       |         |   |   |   |   |   |
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| 250              |                       |         |   |   |   |   |   |
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| 254              |                       |         |   |   |   |   |   |
| 255              |                       |         |   |   |   |   |   |
| 256              |                       |         |   |   |   |   |   |
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| 259              |                       |         |   |   |   |   |   |
| 260              |                       |         |   |   |   |   |   |
| 261              |                       |         |   |   |   |   |   |
| 262              |                       |         |   |   |   |   |   |
| 263              |                       |         |   |   |   |   |   |
| 264              |                       |         |   |   |   |   |   |
| 265              |                       |         |   |   |   |   |   |
| 266              |                       |         |   |   |   |   |   |
| 267              |                       |         |   |   |   |   |   |
| 268              |                       |         |   |   |   |   |   |
| 269              |                       |         |   |   |   |   |   |
| 270              |                       |         |   |   |   |   |   |
| 271              |                       |         |   |   |   |   |   |
| 272              |                       |         |   |   |   |   |   |
| 273              |                       |         |   |   |   |   |   |
| 274              |                       |         |   |   |   |   |   |
| 275              |                       |         |   |   |   |   |   |
| 276              |                       |         |   |   |   |   |   |
| 277              |                       |         |   |   |   |   |   |
| 278              |                       |         |   |   |   |   |   |
| 279              |                       |         |   |   |   |   |   |
| 280              |                       |         |   |   |   |   |   |
| 281              |                       |         |   |   |   |   |   |
| 282              |                       |         |   |   |   |   |   |
| 283              |                       |         |   |   |   |   |   |
| 284              |                       |         |   |   |   |   |   |
| 285              |                       |         |   |   |   |   |   |
| 286              |                       |         |   |   |   |   |   |
| 287              |                       |         |   |   |   |   |   |
| 288              |                       |         |   |   |   |   |   |
| 289              |                       |         |   |   |   |   |   |
| 290              |                       |         |   |   |   |   |   |
| 291              |                       |         |   |   |   |   |   |
| 292              |                       |         |   |   |   |   |   |
| 293              |                       |         |   |   |   |   |   |
| 294              |                       |         |   |   |   |   |   |
| 295              |                       |         |   |   |   |   |   |
| 296              |                       |         |   |   |   |   |   |
| 297              |                       |         |   |   |   |   |   |
| 298              |                       |         |   |   |   |   |   |
| 299              |                       |         |   |   |   |   |   |
| 300              |                       |         |   |   |   |   |   |
| 301              |                       |         |   |   |   |   |   |
| 302              |                       |         |   |   |   |   |   |
| 303              |                       |         |   |   |   |   |   |
| 304              |                       |         |   |   |   |   |   |
| 305              |                       |         |   |   |   |   |   |
| 306              |                       |         |   |   |   |   |   |
| 307              |                       |         |   |   |   |   |   |
| 308              |                       |         |   |   |   |   |   |
| 309              |                       |         |   |   |   |   |   |
| 310              |                       |         |   |   |   |   |   |
| 311              |                       |         |   |   |   |   |   |
| 312              |                       |         |   |   |   |   |   |
| 313              |                       |         |   |   |   |   |   |
| 314              |                       |         |   |   |   |   |   |
| 315              |                       |         |   |   |   |   |   |
| 316              |                       |         |   |   |   |   |   |
| 317              |                       |         |   |   |   |   |   |
| 318              |                       |         |   |   |   |   |   |
| 319              |                       |         |   |   |   |   |   |
| 320              |                       |         |   |   |   |   |   |
| 321              |                       |         |   |   |   |   |   |
| 322              |                       |         |   |   |   |   |   |
| 323              |                       |         |   |   |   |   |   |
| 324              |                       |         |   |   |   |   |   |
| 325              |                       |         |   |   |   |   |   |
| 326              |                       |         |   |   |   |   |   |
| 327              |                       |         |   |   |   |   |   |
| 328              |                       |         |   |   |   |   |   |
| 329              |                       |         |   |   |   |   |   |
| 330              |                       |         |   |   |   |   |   |
| 331              |                       |         |   |   |   |   |   |
| 332              |                       |         |   |   |   |   |   |
| 333              |                       |         |   |   |   |   |   |
| 334              |                       |         |   |   |   |   |   |
| 335              |                       |         |   |   |   |   |   |
| 336              |                       |         |   |   |   |   |   |
| 337              |                       |         |   |   |   |   |   |
| 338              |                       |         |   |   |   |   |   |
| 339              |                       |         |   |   |   |   |   |
| 340              |                       |         |   |   |   |   |   |
| 341              |                       |         |   |   |   |   |   |
| 342              |                       |         |   |   |   |   |   |
| 343              |                       |         |   |   |   |   |   |
| 344              |                       |         |   |   |   |   |   |
| 345              |                       |         |   |   |   |   |   |
| 346              |                       |         |   |   |   |   |   |
| 347              |                       |         |   |   |   |   |   |
| 348              |                       |         |   |   |   |   |   |
| 349              |                       |         |   |   |   |   |   |
| 350              |                       |         |   |   |   |   |   |
| 351              |                       |         |   |   |   |   |   |
| 352              |                       |         |   |   |   |   |   |
| 353              |                       |         |   |   |   |   |   |
| 354              |                       |         |   |   |   |   |   |
| 355              |                       |         |   |   |   |   |   |
| 356              |                       |         |   |   |   |   |   |
| 357              |                       |         |   |   |   |   |   |
| 358              |                       |         |   |   |   |   |   |
| 359              |                       |         |   |   |   |   |   |
| 360              |                       |         |   |   |   |   |   |
| 361              |                       |         |   |   |   |   |   |
| 362              |                       |         |   |   |   |   |   |
| 363              |                       |         |   |   |   |   |   |
| 364              |                       |         |   |   |   |   |   |
| 365              |                       |         |   |   |   |   |   |
| 366              |                       |         |   |   |   |   |   |
| 367              |                       |         |   |   |   |   |   |
| 368              |                       |         |   |   |   |   |   |
| 369              |                       |         |   |   |   |   |   |
| 370              |                       |         |   |   |   |   |   |
| 371              |                       |         |   |   |   |   |   |
| 372              |                       |         |   |   |   |   |   |
| 373              |                       |         |   |   |   |   |   |
| 374              |                       |         |   |   |   |   |   |
| 375              |                       |         |   |   |   |   |   |
| 376              |                       |         |   |   |   |   |   |
| 377              |                       |         |   |   |   |   |   |
| 378              |                       |         |   |   |   |   |   |
| 379              |                       |         |   |   |   |   |   |
| 380              |                       |         |   |   |   |   |   |
| 381              |                       |         |   |   |   |   |   |
| 382              |                       |         |   |   |   |   |   |
| 383              |                       |         |   |   |   |   |   |
| 384              |                       |         |   |   |   |   |   |
| 385              |                       |         |   |   |   |   |   |
| 386              |                       |         |   |   |   |   |   |
| 387              |                       |         |   |   |   |   |   |
| 388              |                       |         |   |   |   |   |   |
| 389              |                       |         |   |   |   |   |   |
| 390              |                       |         |   |   |   |   |   |
| 391              |                       |         |   |   |   |   |   |
| 392              |                       |         |   |   |   |   |   |
| 393              |                       |         |   |   |   |   |   |
| 394              |                       |         |   |   |   |   |   |
| 395              |                       |         |   |   |   |   |   |
| 396              |                       |         |   |   |   |   |   |
| 397              |                       |         |   |   |   |   |   |
| 398              |                       |         |   |   |   |   |   |
| 399              |                       |         |   |   |   |   |   |
| 400              |                       |         |   |   |   |   |   |
| 401              |                       |         |   |   |   |   |   |
| 402              |                       |         |   |   |   |   |   |
| 403              |                       |         |   |   |   |   |   |
| 404              |                       |         |   |   |   |   |   |
| 405              |                       |         |   |   |   |   |   |
| 406              |                       |         |   |   |   |   |   |
| 407              |                       |         |   |   |   |   |   |
| 408              |                       |         |   |   |   |   |   |
| 409              |                       |         |   |   |   |   |   |

### Overlap Assignments

 $\langle C+0 \div E=29 \rangle$ 

|     |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|
| Row | 00 | 01 | 02 | 03 | 04 | 05  | 06  | 07 | 08 | 09 | 0A | 0B | 0C | 0D | 0E |
|     | 0  | 0  | 0  | 0  | 0  | ... | ... | 0  | 0  |    |    |    |    |    |    |

Preempt Priority

<C\*0+E=725>

RR-1 is always Highest  
and RR-2 is always  
Second Highest)

**Preempt  
Priority**

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

**Extra 1 Flaps**  
 1 = TBC Type 1  
 2 = NEMA Ext. Conn'd  
 3 = Auto Daylight Savings  
 4 = Solid FWD on EV  
 5 = Extended Status  
 6 = International Ped  
 7 = Flash - Clear Outputs-  
 8 = Split Ring

**Extra 2 Flags**  
 1 = AWB During Initial  
 2 = LNU Installed  
 3 = Disable Min Walk  
 4 = QuietNeu4 System  
 5 = Ignore P/P on EV  
 6 =  
 7 = Reserved  
 8 =

| Row | Column Numbers           |
|-----|--------------------------|
|     | Exclusive Phases         |
|     | RR-1 Clear Phases        |
|     | RR-2 Clear Phases        |
|     | RR-2 Limited Service     |
|     | Prot+7 Perm Phases       |
|     | Flash to PE Circuits     |
|     | Flash Entry Phases       |
|     | Disable Yellow Range     |
|     | Disable Ovp Yel Range    |
|     | Overlap Yellow Flash     |
|     | EVA Phases               |
|     | EVA-B Phases             |
|     | EVA-C Phases             |
|     | EVA-D Phases             |
|     | Extra 1 Config. Bits     |
|     | IG Select (Interconnect) |

|                       |             |
|-----------------------|-------------|
| Ext. Permit 1 Phases  | _____       |
| Ext. Permit 2 Phases  | _____       |
| Exclusive Pad Assign  | _____       |
| Preempt Non-Lock      | _____       |
| Pad for 2P Output     | 2 _____     |
| Pad for 6P Output     | 6 _____     |
| Pad for 4P Output     | 4 _____     |
| Pad for 8P Output     | 8 _____     |
| Yellow Flash Phases   | 2 6 _____   |
| 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> |

|                         |            |
|-------------------------|------------|
| Fast Green Flash Phase  | _____      |
| Green Flash Phases      | _____      |
| Flashing Walk Phases    | _____      |
| Guaranteed Passage      | _____      |
| Simultaneous Gap Term   | _____      |
| 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                | *C010FF-2* |

| Row     | Row 1 | Row 2 | Row 3 | Row 4 | Row 5 | Row 6 | Row 7 | Row 8 | Row 9 | Row 10 | Row 11 | Row 12 | Row 13 |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| Phase 1 | 5     |       |       |       |       |       |       |       |       |        |        |        |        |
| Phase 2 | 5     |       |       |       |       |       |       |       |       |        |        |        |        |
| Phase 3 | 5     |       |       |       |       |       |       |       |       |        |        |        |        |
| Phase 4 | 5     |       |       |       |       |       |       |       |       |        |        |        |        |
| Phase 5 | 5     |       |       |       |       |       |       |       |       |        |        |        |        |
| Phase 6 | 5     |       |       |       |       |       |       |       |       |        |        |        |        |
| Phase 7 | 5     |       |       |       |       |       |       |       |       |        |        |        |        |
| Phase 8 | 5     |       |       |       |       |       |       |       |       |        |        |        |        |

Coordination  
Transition  
Minimums  
<C+0+C-6>

```

FastToPE&
PENonLock
1=EVa 5=RR1
2=EVb 6=RR2
3=EVc 7=SE1
4=EVD 8=SE2

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

```

### Configuration

## Configuration

$$\langle C+0+E=125 \rangle$$

## Specials

$$\angle C + D + F = 270^\circ$$

Approved: *[Signature]* 4/13/08

Printed on 01/29/2004 8:22 AM

Timing Sheet Version: 233 RV2.

Revision: 30826

NO CHANGE  
400 09-30-09

**Coord Extra**

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

[illegible]

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

| Sync Phases | $\langle C+0+C=1 \rangle$ |
|-------------|---------------------------|
|             |                           |

| Row | Col 1 | Col 2 | Col 3 | Col 4 | Col 5 | Col 6 | Col 7 | Col 8 | Col 9 | Col 10 | Col 11 | Col 12 | Col 13 | Col 14 | Col 15 | Col 16 | Col 17 | Col 18 | Col 19 | Col 20 | Col 21 | Col 22 | Col 23 | Col 24 | Col 25 | Col 26 | Col 27 | Col 28 | Col 29 | Col 30 | Col 31 | Col 32 | Col 33 | Col 34 | Col 35 | Col 36 | Col 37 | Col 38 | Col 39 | Col 40 | Col 41 | Col 42 | Col 43 | Col 44 | Col 45 | Col 46 | Col 47 | Col 48 | Col 49 | Col 50 | Col 51 | Col 52 | Col 53 | Col 54 | Col 55 | Col 56 | Col 57 | Col 58 | Col 59 | Col 60 | Col 61 | Col 62 | Col 63 | Col 64 | Col 65 | Col 66 | Col 67 | Col 68 | Col 69 | Col 70 | Col 71 | Col 72 | Col 73 | Col 74 | Col 75 | Col 76 | Col 77 | Col 78 | Col 79 | Col 80 | Col 81 | Col 82 | Col 83 | Col 84 | Col 85 | Col 86 | Col 87 | Col 88 | Col 89 | Col 90 | Col 91 | Col 92 | Col 93 | Col 94 | Col 95 | Col 96 | Col 97 | Col 98 | Col 99 | Col 100 | Col 101 | Col 102 | Col 103 | Col 104 | Col 105 | Col 106 | Col 107 | Col 108 | Col 109 | Col 110 | Col 111 | Col 112 | Col 113 | Col 114 | Col 115 | Col 116 | Col 117 | Col 118 | Col 119 | Col 120 | Col 121 | Col 122 | Col 123 | Col 124 | Col 125 | Col 126 | Col 127 | Col 128 | Col 129 | Col 130 | Col 131 | Col 132 | Col 133 | Col 134 | Col 135 | Col 136 | Col 137 | Col 138 | Col 139 | Col 140 | Col 141 | Col 142 | Col 143 | Col 144 | Col 145 | Col 146 | Col 147 | Col 148 | Col 149 | Col 150 | Col 151 | Col 152 | Col 153 | Col 154 | Col 155 | Col 156 | Col 157 | Col 158 | Col 159 | Col 160 | Col 161 | Col 162 | Col 163 | Col 164 | Col 165 | Col 166 | Col 167 | Col 168 | Col 169 | Col 170 | Col 171 | Col 172 | Col 173 | Col 174 | Col 175 | Col 176 | Col 177 | Col 178 | Col 179 | Col 180 | Col 181 | Col 182 | Col 183 | Col 184 | Col 185 | Col 186 | Col 187 | Col 188 | Col 189 | Col 190 | Col 191 | Col 192 | Col 193 | Col 194 | Col 195 | Col 196 | Col 197 | Col 198 | Col 199 | Col 200 | Col 201 | Col 202 | Col 203 | Col 204 | Col 205 | Col 206 | Col 207 | Col 208 | Col 209 | Col 210 | Col 211 | Col 212 | Col 213 | Col 214 | Col 215 | Col 216 | Col 217 | Col 218 | Col 219 | Col 220 | Col 221 | Col 222 | Col 223 | Col 224 | Col 225 | Col 226 | Col 227 | Col 228 | Col 229 | Col 230 | Col 231 | Col 232 | Col 233 | Col 234 | Col 235 | Col 236 | Col 237 | Col 238 | Col 239 | Col 240 | Col 241 | Col 242 | Col 243 | Col 244 | Col 245 | Col 246 | Col 247 | Col 248 | Col 249 | Col 250 | Col 251 | Col 252 | Col 253 | Col 254 | Col 255 | Col 256 | Col 257 | Col 258 | Col 259 | Col 260 | Col 261 | Col 262 | Col 263 | Col 264 | Col 265 | Col 266 | Col 267 | Col 268 | Col 269 | Col 270 | Col 271 | Col 272 | Col 273 | Col 274 | Col 275 | Col 276 | Col 277 | Col 278 | Col 279 | Col 280 | Col 281 | Col 282 | Col 283 | Col 284 | Col 285 | Col 286 | Col 287 | Col 288 | Col 289 | Col 290 | Col 291 | Col 292 | Col 293 | Col 294 | Col 295 | Col 296 | Col 297 | Col 298 | Col 299 | Col 300 | Col 301 | Col 302 | Col 303 | Col 304 | Col 305 | Col 306 | Col 307 | Col 308 | Col 309 | Col 310 | Col 311 | Col 312 | Col 313 | Col 314 | Col 315 | Col 316 | Col 317 | Col 318 | Col 319 | Col 320 | Col 321 | Col 322 | Col 323 | Col 324 | Col 325 | Col 326 | Col 327 | Col 328 | Col 329 | Col 330 | Col 331 | Col 332 | Col 333 | Col 334 | Col 335 | Col 336 | Col 337 | Col 338 | Col 339 | Col 340 | Col 341 | Col 342 | Col 343 | Col 344 | Col 345 | Col 346 | Col 347 | Col 348 | Col 349 | Col 350 | Col 351 | Col 352 | Col 353 | Col 354 | Col 355 | Col 356 | Col 357 | Col 358 | Col 359 | Col 360 | Col 361 | Col 362 | Col 363 | Col 364 | Col 365 | Col 366 | Col 367 | Col 368 | Col 369 | Col 370 | Col 371 | Col 372 | Col 373 | Col 374 | Col 375 | Col 376 | Col 377 | Col 378 | Col 379 | Col 380 | Col 381 | Col 382 | Col 383 | Col 384 | Col 385 | Col 386 | Col 387 | Col 388 | Col 389 | Col 390 | Col 391 | Col 392 | Col 393 | Col 394 | Col 395 | Col 396 | Col 397 | Col 398 | Col 399 | Col 400 | Col 401 | Col 402 | Col 403 | Col 404 | Col 405 | Col 406 | Col 407 | Col 408 | Col 409 | Col 410 | Col 411 | Col 412 | Col 413 | Col 414 | Col 415 | Col 416 | Col 417 | Col 418 | Col 419 | Col 420 | Col 421 | Col 422 | Col 423 | Col 424 | Col 425 | Col 426 | Col 427 | Col 428 | Col 429 | Col 430 | Col 431 | Col 432 | Col 433 | Col 434 | Col 435 | Col 436 | Col 437 | Col 438 | Col 439 | Col 440 | Col 441 | Col 442 | Col 443 | Col 444 | Col 445 | Col 446 | Col 447 | Col 448 | Col 449 | Col 450 | Col 451 | Col 452 | Col 453 | Col 454 | Col 455 | Col 456 | Col 457 | Col 458 | Col 459 | Col 460 | Col 461 | Col 462 | Col 463 | Col 464 | Col 465 | Col 466 | Col 467 | Col 468 | Col 469 | Col 470 | Col 471 | Col 472 | Col 473 | Col 474 | Col 475 | Col 476 | Col 477 | Col 478 | Col 479 | Col 480 | Col 481 | Col 482 | Col 483 | Col 484 | Col 485 | Col 486 | Col 487 | Col 488 | Col 489 | Col 490 | Col 491 | Col 492 | Col 493 | Col 494 | Col 495 | Col 496 | Col 497 | Col 498 | Col 499 | Col 500 | Col 501 | Col 502 | Col 503 | Col 504 | Col 505 | Col 506 | Col 507 | Col 508 | Col 509 | Col 510 | Col 511 | Col 512 | Col 513 | Col 514 | Col 515 | Col 516 | Col 517 | Col 518 | Col 519 | Col 520 | Col 521 | Col 522 | Col 523 | Col 524 | Col 525 | Col 526 | Col 527 | Col 528 | Col 529 | Col 530 | Col 531 | Col 532 | Col 533 | Col 534 | Col 535 | Col 536 | Col 537 | Col 538 | Col 539 | Col 540 | Col 541 | Col 542 | Col 543 | Col 544 | Col 545 | Col 546 | Col 547 | Col 548 | Col 549 | Col 550 | Col 551 | Col 552 | Col 553 | Col 554 | Col 555 | Col 556 | Col 557 | Col 558 | Col 559 | Col 560 | Col 561 | Col 562 | Col 563 | Col 564 | Col 565 | Col 566 | Col 567 | Col 568 | Col 569 | Col 570 | Col 571 | Col 572 | Col 573 | Col 574 | Col 575 | Col 576 | Col 577 | Col 578 | Col 579 | Col 580 | Col 581 | Col 582 | Col 583 | Col 584 | Col 585 | Col 586 | Col 587 | Col 588 | Col 589 | Col 590 | Col 591 | Col 592 | Col 593 | Col 594 | Col 595 | Col 596 | Col 597 | Col 598 | Col 599 | Col 600 | Col 601 | Col 602 | Col 603 | Col 604 | Col 605 | Col 606 | Col 607 | Col 608 | Col 609 | Col 610 | Col 611 | Col 612 | Col 613 | Col 614 | Col 615 | Col 616 | Col 617 | Col 618 | Col 619 | Col 620 | Col 621 | Col 622 | Col 623 | Col 624 | Col 625 | Col 626 | Col 627 | Col 628 | Col 629 | Col 630 | Col 631 | Col 632 | Col 633 | Col 634 | Col 635 | Col 636 | Col 637 | Col 638 | Col 639 | Col 640 | Col 641 | Col 642 | Col 643 | Col 644 | Col 645 | Col 646 | Col 647 | Col 648 | Col 649 | Col 650 | Col 651 | Col 652 | Col 653 | Col 654 | Col 655 | Col 656 | Col 657 | Col 658 | Col 659 | Col 660 | Col 661 | Col 662 | Col 663 | Col 664 | Col 665 | Col 666 | Col 667 | Col 668 | Col 669 | Col 670 | Col 671 | Col 672 | Col 673 | Col 674 | Col 675 | Col 676 | Col 677 | Col 678 | Col 679 | Col 680 | Col 681 | Col 682 | Col 683 | Col 684 | Col 685 | Col 686 | Col 687 | Col 688 | Col 689 | Col 690 | Col 691 | Col 692 | Col 693 | Col 694 | Col 695 | Col 696 | Col 697 | Col 698 | Col 699 | Col 700 | Col 701 | Col 702 | Col 703 | Col 704 | Col 705 | Col 706 | Col 707 | Col 708 | Col 709 | Col 710 | Col 711 | Col 712 | Col 713 | Col 714 | Col 715 | Col 716 | Col 717 | Col 718 | Col 719 | Col 720 | Col 721 | Col 722 | Col 723 | Col 724 | Col 725 | Col 726 | Col 727 | Col 728 | Col 729 | Col 730 | Col 731 | Col 732 | Col 733 | Col 734 | Col 735 | Col 736 | Col 737 | Col 738 | Col 739 | Col 740 | Col 741 | Col 742 | Col 743 | Col 744 | Col 745 | Col 746 | Col 747 | Col 748 | Col 749 | Col 750 | Col 751 | Col 752 | Col 753 | Col 754 | Col 755 | Col 756 | Col 757 | Col 758 | Col 759 | Col 760 | Col 761 | Col 762 | Col 763 | Col 764 | Col 765 | Col 766 | Col 767 | Col 768 | Col 769 | Col 770 | Col 771 | Col 772 | Col 773 | Col 774 | Col 775 | Col 776 | Col 777 | Col 778 | Col 779 | Col 780 | Col 781 | Col 782 | Col 783 | Col 784 | Col 785 | Col 786 | Col 787 | Col 788 | Col 789 | Col 790 | Col 791 | Col 792 | Col 793 | Col 794 | Col 795 | Col 796 | Col 797 | Col 798 | Col 799 | Col 800 | Col 801 | Col 802 | Col 803 | Col 804 | Col 805 | Col 806 | Col 807 | Col 808 | Col 809 | Col 810 | Col 811 | Col 812 | Col 813 | Col 814 | Col 815 | Col 816 | Col 817 | Col 818 | Col 819 | Col 820 | Col 821 | Col 822 | Col 823 | Col 824 | Col 825 | Col 826 | Col 827 | Col 828 | Col 829 | Col 830 | Col 831 | Col 832 | Col 833 | Col 834 | Col 835 | Col 836 | Col 837 | Col 838 | Col 839 | Col 840 | Col 841 | Col 842 | Col 843 | Col 844 | Col 845 | Col 846 | Col 847 | Col 848 | Col 849 | Col 850 | Col 851 | Col 852 | Col 853 | Col 854 | Col 855 | Col 856 | Col 857 | Col 858 | Col 859 | Col 860 | Col 861 | Col 862 | Col 863 | Col 864 | Col 865 | Col 866 | Col 867 | Col 868 | Col 869 | Col 870 | Col 871 | Col 872 | Col 873 | Col 874 | Col 875 | Col 876 | Col 877 | Col 878 | Col 879 | Col 880 | Col 881 | Col 882 | Col 883 | Col 884 | Col 885 | Col 886 | Col 887 | Col 888 | Col 889 | Col 890 | Col 891 | Col 892 | Col 893 | Col 894 | Col 895 | Col 896 | Col 897 | Col 898 | Col 899 | Col 900 | Col 901 | Col 902 | Col 903 | Col 904 | Col 905 | Col 906 | Col 907 | Col 908 | Col 909 | Col 910 | Col 911 | Col 912 | Col 913 | Col 914 | Col 915 | Col 916 | Col 917 | Col 918 | Col 919 | Col 920 | Col 921 | Col 922 | Col 923 | Col 924 | Col 925 | Col 926 | Col 927 | Col 928 | Col 929 | Col 930 | Col 931 | Col 932 | Col 933 | Col 934 | Col 935 | Col 936 | Col 937 | Col 938 | Col 939 | Col 940 | Col 941 | Col 942 | Col 943 | Col 944 | Col 945 | Col 946 | Col 947 | Col 948 | Col 949 | Col 950 | Col 951 | Col 952 | Col 953 | Col 954 | Col 955 | Col 956 | Col 957 | Col 958 | Col 959 | Col 960 | Col 961 | Col 962 | Col 963 | Col 964 | Col 965 | Col 966 | Col 967 | Col 968 | Col 969 | Col 970 | Col 971 | Col 972 | Col 973 | Col 974 | Col 975 | Col 976 | Col 977 | Col 978 | Col 979 | Col 980 | Col 981 | Col 982 | Col 983 | Col 984 | Col 985 | Col 986 | Col 987 | Col 988 | Col 989 | Col 990 | Col 991 | Col 992 | Col 993 | Col 994 | Col 995 | Col 996 | Col 997 | Col 998 | Col 999 | Col 1000 | Col 1001 | Col 1002 | Col 1003 | Col 1004 | Col 1005 | Col 1006 | Col 1007 | Col 1008 | Col 1009 | Col 1010 | Col 1011 | Col 1012 | Col 1013 | Col 1014 | Col 1015 | Col 1016 | Col 1017 | Col 1018 | Col 1019 | Col 1020 | Col 1021 | Col 1022 | Col 1023 | Col 1024 | Col 1025 | Col 1026 | Col 1027 | Col 1028 | Col 1029 | Col 1030 | Col 1031 | Col 1032 | Col 1033 | Col 1034 | Col 1035 | Col 1036 | Col 1037 | Col 1038 | Col 1039 | Col 1040 | Col 1041 | Col 1042 | Col 1043 | Col 1044 | Col 1045 | Col 1046 | Col 1047 | Col 1048 | Col 1049 | Col 1050 | Col 1051 | Col 1052 | Col 1053 | Col 1054 | Col 1055 | Col 1056 | Col 1057 | Col 1058 | Col 1059 | Col 1060 | Col 1061 | Col 1062 | Col 1063 | Col 1064 | Col 1065 | Col 1066 | Col 1067 | Col 1068 | Col 1069 | Col 1070 | Col 1071 | Col 1072 | Col 1073 | Col 1074 | Col 1075 | Col 1076 | Col 1077 | Col 1078 | Col 1079 | Col 1080 | Col 1081 | Col 1082 | Col 1083 | Col 1084 | Col 1085 | Col 1086 | Col 1087 | Col 1088 | Col 1089 | Col 1090 | Col 1091 | Col 1092 | Col 1093 | Col 1094 | Col 1095 | Col 1096 | Col 1097 | Col 1098 | Col 1099 | Col 1100 | Col 1101 | Col 1102 | Col 1103 | Col 1104 | Col 1105 | Col 1106 | Col 1107 | Col 1108 | Col 1109 | Col 1110 | Col 1111 | Col 1112 | Col 1113 | Col 1114 | Col 1115 | Col 1116 | Col 1117 | Col 1118 | Col 1119 | Col 1120 | Col 1121 | Col 1122 | Col 1123 | Col 1124 | Col 1125 | Col 1126 | Col 1127 | Col 1128 | Col 1129 | Col 1130 | Col 1131 | Col 1132 | Col 1133 | Col 1134 | Col 1135 | Col 1136 | Col 1137 | Col 1138 | Col 1139 | Col 1140 | Col 1141 | Col 1142 | Col 1143 | Col 1144 | Col 1145 | Col 1146 | Col 1147 | Col 1148 | Col 1149 | Col 1150 | Col 1151 | Col 1152 | Col 1153 | Col 1154 | Col 1155 | Col 1156 | Col 1157 | Col 1158 | Col 1159 | Col 1160 | Col 1161 | Col 1162 | Col 1163 | Col 1164 | Col 1165 | Col 1166 | Col 1167 | Col 1168 | Col 1169 | Col 1170 | Col 1171 | Col 1172 | Col 1173 | Col 1174 | Col 1175 | Col 1176 | Col 1177 | Col 1178 | Col 1179 | Col 1180 | Col 1181 | Col 1182 | Col 1183 | Col 1184 | Col 1185 | Col 1186 | Col 1187 | Col 1188 | Col 1189 | Col 1190 | Col 1191 | Col 1192 | Col 1193 | Col 1194 | Col 1195 | Col 1196 | Col 1197 | Col 1198 | Col 1199 | Col 1200 | Col 1201 | Col 1202 | Col 1203 | Col 1204 | Col 1205 | Col 1206 | Col 1207 | Col 1208 | Col 1209 | Col 1210 | Col 1211 | Col 1212 | Col 1213 | Col 1214 | Col 1215 | Col 1216 | Col 1217 | Col 1218 | Col 1219 | Col 1220 | Col 1221 | Col 1222 | Col 1223 | Col 1224 | Col 1225 | Col 12 |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-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|              |         |    |     |
|--------------|---------|----|-----|
| Free Lag     | 2 4 6 8 | 20 | Row |
| Plan 1 - Lag | 2 4 6 8 | 19 |     |
| Plan 2 - Lag | 2 4 6 8 | 18 |     |
| Plan 3 - Lag | 2 4 6 8 | 17 |     |
| Plan 4 - Lag | 2 4 6 8 | 16 |     |
| Plan 5 - Lag | 2 4 6 8 | 15 |     |
| Plan 6 - Lag | 2 4 6 8 | 14 |     |
| Plan 7 - Lag | 2 4 6 8 | 13 |     |
| Plan 8 - Lag | 2 4 6 8 | 12 |     |
| Plan 9 - Lag | 2 4 6 8 | 11 |     |
| External Lag |         | 10 |     |
|              |         | 9  |     |
|              |         | 8  |     |
|              |         | 7  |     |
|              |         | 6  |     |
|              |         | 5  |     |
|              |         | 4  |     |
|              |         | 3  |     |
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|              |         | 0  |     |

| Lag Phases | $<C+0+C=1>$ |
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|             |       |   |    |   |      |   |    |   |      |   |      |   |    |
|-------------|-------|---|----|---|------|---|----|---|------|---|------|---|----|
| P1: AM      | 110 4 | 1 | 63 | 1 | 17 3 | 1 | 64 | 1 | 31 4 | 1 | 61   | 1 | 62 |
| Force offs: |       |   |    |   | 22   |   |    |   | 57   |   | 8 3  |   | 36 |
| P1: AM      | 110 4 | 1 | 67 | 1 | 7 3  | 1 | 68 | 1 | 41 4 | 1 | 65   | 1 | 66 |
| Force offs: |       |   |    |   | 2    |   |    |   | 57   |   | 7 4  |   | 10 |
| P2: PM      | 110 4 | 1 | 63 | 1 | 13 3 | 1 | 64 | 1 | 31 4 | 1 | 61   | 1 | 62 |
| Force offs: |       |   |    |   | 10   |   |    |   | 53   |   | 10 3 |   | 38 |
| P2: PM      | 110 4 | 1 | 67 | 1 | 13 3 | 1 | 68 | 1 | 31 4 | 1 | 65   | 1 | 66 |
| Force offs: |       |   |    |   | 10   |   |    |   | 53   |   | 16 3 |   | 32 |

Prepared By: ES

Reviewed By: BMA

DATE INSTALLED:

09-20-09  
A. P. P. P. P.

| Row | Column 1       | Column 2 | Column 3      | Column 4 | Column 5           | Column 6 | Column 7 | Column 8 | Column 9       | Column 10 | Column 11         | Column 12 | Column 13     | Column 14 | Column 15 | Column 16 | Column 17 | Column 18 | Column 19 | Column 20 |
|-----|----------------|----------|---------------|----------|--------------------|----------|----------|----------|----------------|-----------|-------------------|-----------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 10  | Spec. Funct. 1 | 0        | NOT-3         | 0        | Max 2              | 0        | Prelim   | 0        | Set Monday     | 0         | Dial 2 (7-Wire)   | 0         | Sim Term      | 0         |           |           |           |           |           |           |
| 11  | Spec. Funct. 2 | 0        | NOT-4         | 0        | System Det 1       | 0        | Plan 1   | 0        | Ext. Perm 1    | 0         | Dial 3 (7-Wire)   | 0         | EVA           | 71        |           |           |           |           |           |           |
| 12  | 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        |           |           |           |           |           |           |
| 13  | 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        |           |           |           |           |           |           |
| 14  | 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        |           |           |           |           |           |           |
| 15  | 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        |           |           |           |           |           |           |
| 16  | 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        |           |           |           |           |           |           |
| 17  | 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         |           |           |           |           |           |           |
| 18  | 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         |           |           |           |           |           |           |
| 19  | OR-7 (b)       | 0        | Fig 4 Diamond | 0        | Max Inhibit (nema) | 0        | Plan 9   | 0        | External Alarm | 0         | NOT-2             | 0         | External Lag  | 0         |           |           |           |           |           |           |
| 20  | OR-7 (c)       | 0        | AND-4 (a)     | 0        | Force A (nema)     | 0        | DELAY-A  | 0        | Phase Bank 2   | 0         | OR-1 (a)          | 201       | AND-1 (a)     | 202       |           |           |           |           |           |           |
| 21  | OR-7 (d)       | 0        | AND-4 (b)     | 0        | Force B (nema)     | 0        | DELAY-B  | 0        | Phase Bank 3   | 0         | OR-1 (b)          | 201       | AND-1 (b)     | 202       |           |           |           |           |           |           |
| 22  | OR-8 (a)       | 0        | NAND-1 (a)    | 202      | C.N.A. (nema)      | 0        | DELAY-C  | 0        | Overlap Set 2  | 0         | OR-2 (a)          | 0         | AND-2 (a)     | 0         |           |           |           |           |           |           |
| 23  | OR-8 (b)       | 0        | NAND-1 (b)    | 202      | Hold (nema)        | 0        | DELAY-D  | 0        | Overlap Set 3  | 0         | OR-2 (b)          | 0         | AND-2 (b)     | 0         |           |           |           |           |           |           |
| 24  | 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         |           |           |           |           |           |           |
| 25  | OR-8 (d)       | 0        | NAND-2 (b)    | 0        | Min Recall         | 0        | DELAY-F  | 0        | Detector Set 3 | 0         | OR-3 (b)          | 0         | AND-3 (b)     | 0         |           |           |           |           |           |           |

Assignable Inputs

&lt;C+0+E=126&gt;

| Row | Column 1    | Column 2 | Column 3        | Column 4 | Column 5      | Column 6 | Column 7       | Column 8 | Column 9      | Column 10 | Column 11    | Column 12 | Column 13         | Column 14 | Column 15 | Column 16 | Column 17 | Column 18 | Column 19 | Column 20 |
|-----|-------------|----------|-----------------|----------|---------------|----------|----------------|----------|---------------|-----------|--------------|-----------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 10  | Phase ON-1  | 0        | Preempt Fail    | 0        | Flasher 0     | 0        | Free           | 0        | NOT-1         | 0         | TOD Out 1    | 0         | Dial 2 (7-Wire)   | 0         |           |           |           |           |           |           |
| 11  | 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         |           |           |           |           |           |           |
| 12  | 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         |           |           |           |           |           |           |
| 13  | 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         |           |           |           |           |           |           |
| 14  | 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         |           |           |           |           |           |           |
| 15  | Phase ON-6  | 0        | Sp Evnt Out 5   | 0        |               | 0        | Plan 5         | 0        | AND-2         | 0         | TOD Out 6    | 0         | Free (7-Wire)     | 0         |           |           |           |           |           |           |
| 16  | Phase ON-7  | 0        | Sp Evnt Out 6   | 0        |               | 0        | Plan 6         | 0        | AND-3         | 0         | TOD Out 7    | 0         | Flash (7-Wire)    | 0         |           |           |           |           |           |           |
| 17  | Phase ON-8  | 0        | Sp Evnt Out 7   | 0        |               | 0        | Plan 7         | 0        | NOT-2         | 0         | TOD Out 8    | 0         | Preempt           | 0         |           |           |           |           |           |           |
| 18  | 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         |           |           |           |           |           |           |
| 19  | Ph. Check-2 | 0        |                 | 0        | NOT-4         | 0        | Plan 9         | 0        | EV-B          | 0         | Adv. Warn -2 | 0         | Low Priority B    | 0         |           |           |           |           |           |           |
| 20  | Ph. Check-3 | 0        | Detector Fail   | 0        | OR-4          | 0        | Spec. Funct. 3 | 0        | EV-C          | 0         | DELAY-A      | 0         | Low Priority C    | 0         |           |           |           |           |           |           |
| 21  | 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         |           |           |           |           |           |           |
| 22  | Ph. Check-5 | 0        | Spec. Funct. 2  | 0        | OR-6          | 0        | NAND-3         | 0        | RR-1          | 0         | DELAY-C      | 0         |                   |           |           |           |           |           |           |           |
| 23  | Ph. Check-6 | 0        | Central Control | 0        | AND-4         | 0        | NAND-4         | 0        | RR-2          | 0         | DELAY-D      | 0         |                   |           |           |           |           |           |           |           |
| 24  | Ph. Check-7 | 0        | Excl. Ped DW    | 0        | NAND-1        | 36       | OR-7           | 0        | Spec. Event 1 | 0         | DELAY-E      | 0         |                   |           |           |           |           |           |           |           |
| 25  | Ph. Check-8 | 0        | Excl. Ped WK    | 0        | NAND-2        | 0        | OR-8           | 0        | Spec. Event 2 | 0         | DELAY-F      | 0         |                   |           |           |           |           |           |           |           |

Assignable Outputs

&lt;C+0+E=127&gt;

Approved: *ADonaghy* 4/13/09

NO CHANGE  
App 04-2009

INTERSECTION: San Leandro & 98th

| Column Numbers → |                   | Phase |     |     |     |     |     |     |     |     |     |     |     | →   |     |
|------------------|-------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Row              | Phase Names →     | 1     | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  |
| 100              | Ped Walk          | 0     | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   |
| 101              | Ped FDW           | 0     | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  |
| 102              | Min Green         | 4     | 7   | 4   | 4   | 4   | 4   | 7   | 4   | 7   | 4   | 4   | 4   | 7   | 4   |
| 103              | Type 3 Disconnect | 0     | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  |
| 104              | Added per Vehicle | 0.0   | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 |
| 105              | Vel Extension     | 2.0   | 4.0 | 2.0 | 2.5 | 2.0 | 4.0 | 2.0 | 4.0 | 2.0 | 2.5 | 2.0 | 4.0 | 2.0 | 2.5 |
| 106              | Max Gap           | 3.0   | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 107              | Min Gap           | 0.5   | 2.0 | 0.5 | 1.5 | 0.5 | 2.0 | 0.5 | 2.0 | 0.5 | 1.5 | 0.5 | 2.0 | 0.5 | 1.5 |
| 108              | Max Limit         | 20    | 30  | 20  | 25  | 20  | 30  | 20  | 30  | 20  | 25  | 20  | 30  | 20  | 25  |
| 109              | Max Limit 2       | 30    | 50  | 30  | 40  | 30  | 50  | 30  | 40  | 30  | 50  | 30  | 40  | 30  | 40  |
| 110              | Adv. / Delay Walk | 0     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 111              | PE Min Ped FDW    | 7     | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
| 112              | Cond Serv Check   | 10    | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  |
| 113              | Reduce Every      | 1.0   | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 114              | Yellow Change     | 3.0   | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 115              | Red Clear         | 1.0   | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

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

| Row | Phase Names →     | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  |
|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 100 | Ped Walk          | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   |
| 101 | Ped FDW           | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  |
| 102 | Min Green         | 4   | 7   | 4   | 4   | 4   | 4   | 7   | 4   | 7   | 4   | 4   | 4   | 7   | 4   |
| 103 | Type 3 Disconnect | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  |
| 104 | Added per Vehicle | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 |
| 105 | Vel Extension     | 2.0 | 4.0 | 2.0 | 2.5 | 2.0 | 4.0 | 2.0 | 4.0 | 2.0 | 2.5 | 2.0 | 4.0 | 2.0 | 2.5 |
| 106 | Max Gap           | 3.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 107 | Min Gap           | 0.5 | 2.0 | 0.5 | 1.5 | 0.5 | 2.0 | 0.5 | 2.0 | 0.5 | 1.5 | 0.5 | 2.0 | 0.5 | 1.5 |
| 108 | Max Limit         | 20  | 30  | 20  | 25  | 20  | 30  | 20  | 30  | 20  | 25  | 20  | 30  | 20  | 25  |
| 109 | Max Limit 2       | 30  | 50  | 30  | 40  | 30  | 50  | 30  | 40  | 30  | 50  | 30  | 40  | 30  | 40  |
| 110 | Adv. / Delay Walk | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 111 | PE Min Ped FDW    | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
| 112 | Cond Serv Check   | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  |
| 113 | Reduce Every      | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 114 | Yellow Change     | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 115 | Red Clear         | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

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

| Row | Phase Names →     | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  |
|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 100 | Ped Walk          | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   |
| 101 | Ped FDW           | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  |
| 102 | Min Green         | 4   | 7   | 4   | 4   | 4   | 4   | 7   | 4   | 7   | 4   | 4   | 4   | 7   | 4   |
| 103 | Type 3 Disconnect | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  |
| 104 | Added per Vehicle | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 |
| 105 | Vel Extension     | 2.0 | 4.0 | 2.0 | 2.5 | 2.0 | 4.0 | 2.0 | 4.0 | 2.0 | 2.5 | 2.0 | 4.0 | 2.0 | 2.5 |
| 106 | Max Gap           | 3.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 107 | Min Gap           | 0.5 | 2.0 | 0.5 | 1.5 | 0.5 | 2.0 | 0.5 | 2.0 | 0.5 | 1.5 | 0.5 | 2.0 | 0.5 | 1.5 |
| 108 | Max Limit         | 20  | 30  | 20  | 25  | 20  | 30  | 20  | 30  | 20  | 25  | 20  | 30  | 20  | 25  |
| 109 | Max Limit 2       | 30  | 50  | 30  | 40  | 30  | 50  | 30  | 40  | 30  | 50  | 30  | 40  | 30  | 40  |
| 110 | Adv. / Delay Walk | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 111 | PE Min Ped FDW    | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
| 112 | Cond Serv Check   | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  |
| 113 | Reduce Every      | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 114 | Yellow Change     | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 115 | Red Clear         | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Alternate Timing

| Row | Phase Names →     | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  |
|-----|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 100 | Ped Walk          | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   | 0   | 7   |
| 101 | Ped FDW           | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  | 0   | 15  |
| 102 | Min Green         | 4   | 7   | 4   | 4   | 4   | 4   | 7   | 4   | 7   | 4   | 4   | 4   | 7   | 4   |
| 103 | Type 3 Disconnect | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  | 0   | 20  |
| 104 | Added per Vehicle | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 | 0.0 | 2.0 |
| 105 | Vel Extension     | 2.0 | 4.0 | 2.0 | 2.5 | 2.0 | 4.0 | 2.0 | 4.0 | 2.0 | 2.5 | 2.0 | 4.0 | 2.0 | 2.5 |
| 106 | Max Gap           | 3.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 107 | Min Gap           | 0.5 | 2.0 | 0.5 | 1.5 | 0.5 | 2.0 | 0.5 | 2.0 | 0.5 | 1.5 | 0.5 | 2.0 | 0.5 | 1.5 |
| 108 | Max Limit         | 20  | 30  | 20  | 25  | 20  | 30  | 20  | 30  | 20  | 25  | 20  | 30  | 20  | 25  |
| 109 | Max Limit 2       | 30  | 50  | 30  | 40  | 30  | 50  | 30  | 40  | 30  | 50  | 30  | 40  | 30  | 40  |
| 110 | Adv. / Delay Walk | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 111 | PE Min Ped FDW    | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
| 112 | Cond Serv Check   | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  |
| 113 | Reduce Every      | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 114 | Yellow Change     | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 115 | Red Clear         | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Alternate Timing

Transition Type: 0.X = ShortWay, 1.X = Lengthen, X.1 thru X.4 = Number of cycles when lengthening

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

TBC Transition

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

Coordinated Lag Hold Phases

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

7-Wire Master

Daylight Savings Time

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

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

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

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

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)

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

Approved: *[Signature]* 4/13/09

Timing Sheet Version: 233 RV2

Printed on: 01/25/2004, 8:22 AM

Revision: 30826

NO CHANGE  
Apr 09-30-09

INTERSECTION: San Leandro & 98th

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 300        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 301        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 302        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 303        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 304        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 305        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 306        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 307        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 308        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 309        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 310        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 311        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 312        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 313        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |
| Row 314        | 57     | 45 7       | 7        | 123 8  | 0.0   | 0.0        |
| Row 315        | 58     | 45 7       | 3        | 123 8  | 0.0   | 0.0        |

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 316        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 317        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 318        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 319        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 320        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 321        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 322        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 323        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 324        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 325        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 326        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 327        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 328        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 329        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |
| Row 330        | 57     | 45 7       | 7        | 123 8  | 0.0   | 0.0        |
| Row 331        | 58     | 45 7       | 3        | 123 8  | 0.0   | 0.0        |

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 332        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 333        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 334        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 335        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 336        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 337        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 338        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 339        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 340        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 341        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 342        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 343        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 344        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 345        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |
| Row 346        | 57     | 45 7       | 7        | 123 8  | 0.0   | 0.0        |
| Row 347        | 58     | 45 7       | 3        | 123 8  | 0.0   | 0.0        |

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 348        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 349        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 350        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 351        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 352        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 353        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 354        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 355        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 356        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 357        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 358        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 359        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 360        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 361        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |
| Row 362        | 57     | 45 7       | 7        | 123 8  | 0.0   | 0.0        |
| Row 363        | 58     | 45 7       | 3        | 123 8  | 0.0   | 0.0        |

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 364        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 365        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 366        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 367        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 368        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 369        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 370        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 371        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 372        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 373        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 374        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 375        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 376        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 377        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |
| Row 378        | 57     | 45 7       | 7        | 123 8  | 0.0   | 0.0        |
| Row 379        | 58     | 45 7       | 3        | 123 8  | 0.0   | 0.0        |

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 380        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 381        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 382        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 383        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 384        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 385        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 386        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 387        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 388        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 389        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 390        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 391        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 392        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 393        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |
| Row 394        | 57     | 45 7       | 7        | 123 8  | 0.0   | 0.0        |
| Row 395        | 58     | 45 7       | 3        | 123 8  | 0.0   | 0.0        |

Timing Sheet Version: 253 RV2

Printed on 01/29/2004 8:22 AM

Revision: 30826

Approved: *[Signature]* 4/13/09

NO CHANGE  
App 09-30-09

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 396        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 397        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 398        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 399        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 400        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 401        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 402        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 403        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 404        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 405        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 406        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 407        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 408        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 409        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |
| Row 410        | 57     | 45 7       | 7        | 123 8  | 0.0   | 0.0        |
| Row 411        | 58     | 45 7       | 3        | 123 8  | 0.0   | 0.0        |

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 412        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 413        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 414        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 415        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 416        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 417        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 418        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 419        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 420        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 421        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 422        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 423        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 424        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 425        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |
| Row 426        | 57     | 45 7       | 7        | 123 8  | 0.0   | 0.0        |
| Row 427        | 58     | 45 7       | 3        | 123 8  | 0.0   | 0.0        |

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 428        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 429        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 430        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 431        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 432        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 433        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 434        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 435        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 436        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 437        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 438        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 439        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 440        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 441        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |
| Row 442        | 57     | 45 7       | 7        | 123 8  | 0.0   | 0.0        |
| Row 443        | 58     | 45 7       | 3        | 123 8  | 0.0   | 0.0        |

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 444        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 445        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 446        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 447        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 448        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 449        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 450        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 451        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 452        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 453        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 454        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 455        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 456        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 457        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |
| Row 458        | 57     | 45 7       | 7        | 123 8  | 0.0   | 0.0        |
| Row 459        | 58     | 45 7       | 3        | 123 8  | 0.0   | 0.0        |

| Column Numbers | C1 Pin | Attributes | Phase(s) | Assign | Delay | Carry-over |
|----------------|--------|------------|----------|--------|-------|------------|
| Row 460        | 39     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 461        | 40     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 462        | 41     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 463        | 42     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 464        | 43     | 45 7       | 2        | 123 8  | 0.0   | 0.0        |
| Row 465        | 44     | 45 7       | 6        | 123 8  | 0.0   | 0.0        |
| Row 466        | 45     | 45 7       | 4        | 123 8  | 0.0   | 0.0        |
| Row 467        | 46     | 45 7       | 8        | 123 8  | 0.0   | 0.0        |
| Row 468        | 47     | 67         | 2        | 123 8  | 0.0   | 0.0        |
| Row 469        | 48     | 67         | 6        | 123 8  | 0.0   | 0.0        |
| Row 470        | 49     | 67         | 4        | 123 8  | 0.0   | 0.0        |
| Row 471        | 50     | 67         | 8        | 123 8  | 0.0   | 0.0        |
| Row 472        | 55     | 45 7       | 5        | 123 8  | 0.0   | 0.0        |
| Row 473        | 56     | 45 7       | 1        | 123 8  | 0.0   | 0.0        |



INTERSECTION: San Leandro & 98th

| Row | Clear | Time | Ped Call | Hold | Advance | Force Off | Vehicle Call | Permit Phases | Ped Onit | Output |
|-----|-------|------|----------|------|---------|-----------|--------------|---------------|----------|--------|
| 101 | 0     | 0    |          |      |         |           |              |               |          |        |
| 102 | 0     | 0    |          |      |         |           |              |               |          |        |
| 103 | 0     | 0    |          |      |         |           |              |               |          |        |
| 104 | 0     | 0    |          |      |         |           |              |               |          |        |
| 105 | 0     | 0    |          |      |         |           |              |               |          |        |
| 106 | 0     | 0    |          |      |         |           |              |               |          |        |
| 107 | 0     | 0    |          |      |         |           |              |               |          |        |
| 108 | 0     | 0    |          |      |         |           |              |               |          |        |
| 109 | 0     | 0    |          |      |         |           |              |               |          |        |
| 110 | 0     | 0    |          |      |         |           |              |               |          |        |
| 111 | 0     | 0    |          |      |         |           |              |               |          |        |
| 112 | 0     | 0    |          |      |         |           |              |               |          |        |
| 113 | 0     | 0    |          |      |         |           |              |               |          |        |
| 114 | 0     | 0    |          |      |         |           |              |               |          |        |
| 115 | 0     | 0    |          |      |         |           |              |               |          |        |
| 116 | 0     | 0    |          |      |         |           |              |               |          |        |
| 117 | 0     | 0    |          |      |         |           |              |               |          |        |
| 118 | 0     | 0    |          |      |         |           |              |               |          |        |
| 119 | 0     | 0    |          |      |         |           |              |               |          |        |
| 120 | 0     | 0    |          |      |         |           |              |               |          |        |
| 121 | 0     | 0    |          |      |         |           |              |               |          |        |
| 122 | 0     | 0    |          |      |         |           |              |               |          |        |
| 123 | 0     | 0    |          |      |         |           |              |               |          |        |
| 124 | 0     | 0    |          |      |         |           |              |               |          |        |
| 125 | 0     | 0    |          |      |         |           |              |               |          |        |
| 126 | 0     | 0    |          |      |         |           |              |               |          |        |
| 127 | 0     | 0    |          |      |         |           |              |               |          |        |
| 128 | 0     | 0    |          |      |         |           |              |               |          |        |
| 129 | 0     | 0    |          |      |         |           |              |               |          |        |
| 130 | 0     | 0    |          |      |         |           |              |               |          |        |
| 131 | 0     | 0    |          |      |         |           |              |               |          |        |
| 132 | 0     | 0    |          |      |         |           |              |               |          |        |
| 133 | 0     | 0    |          |      |         |           |              |               |          |        |
| 134 | 0     | 0    |          |      |         |           |              |               |          |        |
| 135 | 0     | 0    |          |      |         |           |              |               |          |        |
| 136 | 0     | 0    |          |      |         |           |              |               |          |        |
| 137 | 0     | 0    |          |      |         |           |              |               |          |        |
| 138 | 0     | 0    |          |      |         |           |              |               |          |        |
| 139 | 0     | 0    |          |      |         |           |              |               |          |        |
| 140 | 0     | 0    |          |      |         |           |              |               |          |        |
| 141 | 0     | 0    |          |      |         |           |              |               |          |        |
| 142 | 0     | 0    |          |      |         |           |              |               |          |        |
| 143 | 0     | 0    |          |      |         |           |              |               |          |        |
| 144 | 0     | 0    |          |      |         |           |              |               |          |        |
| 145 | 0     | 0    |          |      |         |           |              |               |          |        |
| 146 | 0     | 0    |          |      |         |           |              |               |          |        |
| 147 | 0     | 0    |          |      |         |           |              |               |          |        |
| 148 | 0     | 0    |          |      |         |           |              |               |          |        |
| 149 | 0     | 0    |          |      |         |           |              |               |          |        |
| 150 | 0     | 0    |          |      |         |           |              |               |          |        |
| 151 | 0     | 0    |          |      |         |           |              |               |          |        |
| 152 | 0     | 0    |          |      |         |           |              |               |          |        |
| 153 | 0     | 0    |          |      |         |           |              |               |          |        |
| 154 | 0     | 0    |          |      |         |           |              |               |          |        |
| 155 | 0     | 0    |          |      |         |           |              |               |          |        |
| 156 | 0     | 0    |          |      |         |           |              |               |          |        |
| 157 | 0     | 0    |          |      |         |           |              |               |          |        |
| 158 | 0     | 0    |          |      |         |           |              |               |          |        |
| 159 | 0     | 0    |          |      |         |           |              |               |          |        |
| 160 | 0     | 0    |          |      |         |           |              |               |          |        |
| 161 | 0     | 0    |          |      |         |           |              |               |          |        |
| 162 | 0     | 0    |          |      |         |           |              |               |          |        |
| 163 | 0     | 0    |          |      |         |           |              |               |          |        |
| 164 | 0     | 0    |          |      |         |           |              |               |          |        |
| 165 | 0     | 0    |          |      |         |           |              |               |          |        |
| 166 | 0     | 0    |          |      |         |           |              |               |          |        |
| 167 | 0     | 0    |          |      |         |           |              |               |          |        |
| 168 | 0     | 0    |          |      |         |           |              |               |          |        |
| 169 | 0     | 0    |          |      |         |           |              |               |          |        |
| 170 | 0     | 0    |          |      |         |           |              |               |          |        |
| 171 | 0     | 0    |          |      |         |           |              |               |          |        |
| 172 | 0     | 0    |          |      |         |           |              |               |          |        |
| 173 | 0     | 0    |          |      |         |           |              |               |          |        |
| 174 | 0     | 0    |          |      |         |           |              |               |          |        |
| 175 | 0     | 0    |          |      |         |           |              |               |          |        |
| 176 | 0     | 0    |          |      |         |           |              |               |          |        |
| 177 | 0     | 0    |          |      |         |           |              |               |          |        |
| 178 | 0     | 0    |          |      |         |           |              |               |          |        |
| 179 | 0     | 0    |          |      |         |           |              |               |          |        |
| 180 | 0     | 0    |          |      |         |           |              |               |          |        |
| 181 | 0     | 0    |          |      |         |           |              |               |          |        |
| 182 | 0     | 0    |          |      |         |           |              |               |          |        |
| 183 | 0     | 0    |          |      |         |           |              |               |          |        |
| 184 | 0     | 0    |          |      |         |           |              |               |          |        |
| 185 | 0     | 0    |          |      |         |           |              |               |          |        |
| 186 | 0     | 0    |          |      |         |           |              |               |          |        |
| 187 | 0     | 0    |          |      |         |           |              |               |          |        |
| 188 | 0     | 0    |          |      |         |           |              |               |          |        |
| 189 | 0     | 0    |          |      |         |           |              |               |          |        |
| 190 | 0     | 0    |          |      |         |           |              |               |          |        |
| 191 | 0     | 0    |          |      |         |           |              |               |          |        |
| 192 | 0     | 0    |          |      |         |           |              |               |          |        |
| 193 | 0     | 0    |          |      |         |           |              |               |          |        |
| 194 | 0     | 0    |          |      |         |           |              |               |          |        |
| 195 | 0     | 0    |          |      |         |           |              |               |          |        |
| 196 | 0     | 0    |          |      |         |           |              |               |          |        |
| 197 | 0     | 0    |          |      |         |           |              |               |          |        |
| 198 | 0     | 0    |          |      |         |           |              |               |          |        |
| 199 | 0     | 0    |          |      |         |           |              |               |          |        |
| 200 | 0     | 0    |          |      |         |           |              |               |          |        |

Notes:

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

| Row | Clear | Time | Ped Call | Hold | Advance | Force Off | Vehicle Call | Permit Phases | Ped Onit | Output |
|-----|-------|------|----------|------|---------|-----------|--------------|---------------|----------|--------|
| 201 | 0     | 0    |          |      |         |           |              |               |          |        |
| 202 | 0     | 0    |          |      |         |           |              |               |          |        |
| 203 | 0     | 0    |          |      |         |           |              |               |          |        |
| 204 | 0     | 0    |          |      |         |           |              |               |          |        |
| 205 | 0     | 0    |          |      |         |           |              |               |          |        |
| 206 | 0     | 0    |          |      |         |           |              |               |          |        |
| 207 | 0     | 0    |          |      |         |           |              |               |          |        |
| 208 | 0     | 0    |          |      |         |           |              |               |          |        |
| 209 | 0     | 0    |          |      |         |           |              |               |          |        |
| 210 | 0     | 0    |          |      |         |           |              |               |          |        |
| 211 | 0     | 0    |          |      |         |           |              |               |          |        |
| 212 | 0     | 0    |          |      |         |           |              |               |          |        |
| 213 | 0     | 0    |          |      |         |           |              |               |          |        |
| 214 | 0     | 0    |          |      |         |           |              |               |          |        |
| 215 | 0     | 0    |          |      |         |           |              |               |          |        |
| 216 | 0     | 0    |          |      |         |           |              |               |          |        |
| 217 | 0     | 0    |          |      |         |           |              |               |          |        |
| 218 | 0     | 0    |          |      |         |           |              |               |          |        |
| 219 | 0     | 0    |          |      |         |           |              |               |          |        |
| 220 | 0     | 0    |          |      |         |           |              |               |          |        |
| 221 | 0     | 0    |          |      |         |           |              |               |          |        |
| 222 | 0     | 0    |          |      |         |           |              |               |          |        |
| 223 | 0     | 0    |          |      |         |           |              |               |          |        |
| 224 | 0     | 0    |          |      |         |           |              |               |          |        |
| 225 | 0     | 0    |          |      |         |           |              |               |          |        |
| 226 | 0     | 0    |          |      |         |           |              |               |          |        |
| 227 | 0     | 0    |          |      |         |           |              |               |          |        |
| 228 | 0     | 0    |          |      |         |           |              |               |          |        |
| 229 | 0     | 0    |          |      |         |           |              |               |          |        |
| 230 | 0     | 0    |          |      |         |           |              |               |          |        |
| 231 | 0     | 0    |          |      |         |           |              |               |          |        |
| 232 | 0     | 0    |          |      |         |           |              |               |          |        |
| 233 | 0     | 0    |          |      |         |           |              |               |          |        |
| 234 | 0     | 0    |          |      |         |           |              |               |          |        |
| 235 | 0     | 0    |          |      |         |           |              |               |          |        |
| 236 | 0     | 0    |          |      |         |           |              |               |          |        |
| 237 | 0     | 0    |          |      |         |           |              |               |          |        |
| 238 | 0     | 0    |          |      |         |           |              |               |          |        |
| 239 | 0     | 0    |          |      |         |           |              |               |          |        |
| 240 | 0     | 0    |          |      |         |           |              |               |          |        |
| 241 | 0     | 0    |          |      |         |           |              |               |          |        |
| 242 | 0     | 0    |          |      |         |           |              |               |          |        |
| 243 | 0     | 0    |          |      |         |           |              |               |          |        |
| 244 | 0     | 0    |          |      |         |           |              |               |          |        |
| 245 | 0     | 0    |          |      |         |           |              |               |          |        |
| 246 | 0     | 0    |          |      |         |           |              |               |          |        |
| 247 | 0     | 0    |          |      |         |           |              |               |          |        |
| 248 | 0     | 0    |          |      |         |           |              |               |          |        |
| 249 | 0     | 0    |          |      |         |           |              |               |          |        |
| 250 | 0     | 0    |          |      |         |           |              |               |          |        |
| 251 | 0     | 0    |          |      |         |           |              |               |          |        |
| 252 | 0     | 0    |          |      |         |           |              |               |          |        |
| 253 | 0     | 0    |          |      |         |           |              |               |          |        |
| 254 | 0     | 0    |          |      |         |           |              |               |          |        |
| 255 | 0     | 0    |          |      |         |           |              |               |          |        |
| 256 | 0     | 0    |          |      |         |           |              |               |          |        |
| 257 | 0     | 0    |          |      |         |           |              |               |          |        |
| 258 | 0     | 0    |          |      |         |           |              |               |          |        |
| 259 | 0     | 0    |          |      |         |           |              |               |          |        |
| 260 | 0     | 0    |          |      |         |           |              |               |          |        |
| 261 | 0     | 0    |          |      |         |           |              |               |          |        |
| 262 | 0     | 0    |          |      |         |           |              |               |          |        |
| 263 | 0     | 0    |          |      |         |           |              |               |          |        |
| 264 | 0     | 0    |          |      |         |           |              |               |          |        |
| 265 | 0     | 0    |          |      |         |           |              |               |          |        |
| 266 | 0     | 0    |          |      |         |           |              |               |          |        |
| 267 | 0     | 0    |          |      |         |           |              |               |          |        |
| 268 | 0     | 0    |          |      |         |           |              |               |          |        |
| 269 | 0     | 0    |          |      |         |           |              |               |          |        |
| 270 | 0     | 0    |          |      |         |           |              |               |          |        |
| 271 | 0     | 0    |          |      |         |           |              |               |          |        |
| 272 | 0     | 0    |          |      |         |           |              |               |          |        |
| 273 | 0     | 0    |          |      |         |           |              |               |          |        |
| 274 | 0     | 0    |          |      |         |           |              |               |          |        |
| 275 | 0     | 0    |          |      |         |           |              |               |          |        |
| 276 | 0     | 0    |          |      |         |           |              |               |          |        |
| 277 | 0     | 0    |          |      |         |           |              |               |          |        |
| 278 | 0     | 0    |          |      |         |           |              |               |          |        |
| 279 | 0     | 0    |          |      |         |           |              |               |          |        |
| 280 | 0     | 0    |          |      |         |           |              |               |          |        |
| 281 | 0     | 0    |          |      |         |           |              |               |          |        |
| 282 | 0     | 0    |          |      |         |           |              |               |          |        |
| 283 | 0     | 0    |          |      |         |           |              |               |          |        |
| 284 | 0     | 0    |          |      |         |           |              |               |          |        |
| 285 | 0     | 0    |          |      |         |           |              |               |          |        |
| 286 | 0     | 0    |          |      |         |           |              |               |          |        |
| 287 | 0     | 0    |          |      |         |           |              |               |          |        |
| 288 | 0     | 0    |          |      |         |           |              |               |          |        |
| 289 | 0     | 0    |          |      |         |           |              |               |          |        |
| 290 | 0     | 0    |          |      |         |           |              |               |          |        |
| 291 | 0     | 0    |          |      |         |           |              |               |          |        |
| 292 | 0     | 0    |          |      |         |           |              |               |          |        |
| 293 | 0     | 0    |          |      |         |           |              |               |          |        |
| 294 | 0     | 0    |          |      |         |           |              |               |          |        |
| 295 | 0     | 0    |          |      |         |           |              |               |          |        |
| 296 | 0     | 0    |          |      |         |           |              |               |          |        |
| 297 | 0     | 0    |          |      |         |           |              |               |          |        |
| 298 | 0     | 0    |          |      |         |           |              |               |          |        |
| 299 | 0     | 0    |          |      |         |           |              |               |          |        |
| 300 | 0     | 0    |          |      |         |           |              |               |          |        |

Notes:

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

Special Event Schedule -- Table 1

Special Event Schedule -- Table 2

NO CHANGE  
#00-09-30-09

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+8>  
Min Time Between Same Preempts  
(Does Not Apply To Railroad Preempt)

Low Pri. Channel <E/125+0+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

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

| Row | Time | Headway | Direction | Day of Week |
|-----|------|---------|-----------|-------------|
| 00  | 00   | 0       | 0         |             |
| 01  | 00   | 0       | 0         |             |
| 02  | 00   | 0       | 0         |             |
| 03  | 00   | 0       | 0         |             |
| 04  | 00   | 0       | 0         |             |
| 05  | 00   | 0       | 0         |             |
| 06  | 00   | 0       | 0         |             |
| 07  | 00   | 0       | 0         |             |
| 08  | 00   | 0       | 0         |             |
| 09  | 00   | 0       | 0         |             |
| 10  | 00   | 0       | 0         |             |
| 11  | 00   | 0       | 0         |             |
| 12  | 00   | 0       | 0         |             |
| 13  | 00   | 0       | 0         |             |
| 14  | 00   | 0       | 0         |             |
| 15  | 00   | 0       | 0         |             |
| 16  | 00   | 0       | 0         |             |
| 17  | 00   | 0       | 0         |             |
| 18  | 00   | 0       | 0         |             |
| 19  | 00   | 0       | 0         |             |
| 20  | 00   | 0       | 0         |             |
| 21  | 00   | 0       | 0         |             |
| 22  | 00   | 0       | 0         |             |
| 23  | 00   | 0       | 0         |             |
| 24  | 00   | 0       | 0         |             |
| 25  | 00   | 0       | 0         |             |
| 26  | 00   | 0       | 0         |             |
| 27  | 00   | 0       | 0         |             |
| 28  | 00   | 0       | 0         |             |
| 29  | 00   | 0       | 0         |             |
| 30  | 00   | 0       | 0         |             |
| 31  | 00   | 0       | 0         |             |
| 32  | 00   | 0       | 0         |             |
| 33  | 00   | 0       | 0         |             |
| 34  | 00   | 0       | 0         |             |
| 35  | 00   | 0       | 0         |             |
| 36  | 00   | 0       | 0         |             |
| 37  | 00   | 0       | 0         |             |
| 38  | 00   | 0       | 0         |             |
| 39  | 00   | 0       | 0         |             |
| 40  | 00   | 0       | 0         |             |
| 41  | 00   | 0       | 0         |             |
| 42  | 00   | 0       | 0         |             |
| 43  | 00   | 0       | 0         |             |
| 44  | 00   | 0       | 0         |             |
| 45  | 00   | 0       | 0         |             |
| 46  | 00   | 0       | 0         |             |
| 47  | 00   | 0       | 0         |             |
| 48  | 00   | 0       | 0         |             |
| 49  | 00   | 0       | 0         |             |
| 50  | 00   | 0       | 0         |             |
| 51  | 00   | 0       | 0         |             |
| 52  | 00   | 0       | 0         |             |
| 53  | 00   | 0       | 0         |             |
| 54  | 00   | 0       | 0         |             |
| 55  | 00   | 0       | 0         |             |
| 56  | 00   | 0       | 0         |             |
| 57  | 00   | 0       | 0         |             |
| 58  | 00   | 0       | 0         |             |
| 59  | 00   | 0       | 0         |             |
| 60  | 00   | 0       | 0         |             |
| 61  | 00   | 0       | 0         |             |
| 62  | 00   | 0       | 0         |             |
| 63  | 00   | 0       | 0         |             |
| 64  | 00   | 0       | 0         |             |
| 65  | 00   | 0       | 0         |             |
| 66  | 00   | 0       | 0         |             |
| 67  | 00   | 0       | 0         |             |
| 68  | 00   | 0       | 0         |             |
| 69  | 00   | 0       | 0         |             |
| 70  | 00   | 0       | 0         |             |
| 71  | 00   | 0       | 0         |             |
| 72  | 00   | 0       | 0         |             |
| 73  | 00   | 0       | 0         |             |
| 74  | 00   | 0       | 0         |             |
| 75  | 00   | 0       | 0         |             |
| 76  | 00   | 0       | 0         |             |
| 77  | 00   | 0       | 0         |             |
| 78  | 00   | 0       | 0         |             |
| 79  | 00   | 0       | 0         |             |
| 80  | 00   | 0       | 0         |             |
| 81  | 00   | 0       | 0         |             |
| 82  | 00   | 0       | 0         |             |
| 83  | 00   | 0       | 0         |             |
| 84  | 00   | 0       | 0         |             |
| 85  | 00   | 0       | 0         |             |
| 86  | 00   | 0       | 0         |             |
| 87  | 00   | 0       | 0         |             |
| 88  | 00   | 0       | 0         |             |
| 89  | 00   | 0       | 0         |             |
| 90  | 00   | 0       | 0         |             |
| 91  | 00   | 0       | 0         |             |
| 92  | 00   | 0       | 0         |             |
| 93  | 00   | 0       | 0         |             |
| 94  | 00   | 0       | 0         |             |
| 95  | 00   | 0       | 0         |             |
| 96  | 00   | 0       | 0         |             |
| 97  | 00   | 0       | 0         |             |
| 98  | 00   | 0       | 0         |             |
| 99  | 00   | 0       | 0         |             |
| 100 | 00   | 0       | 0         |             |

Headway <C+0+9-2.1>

Low Priority Preemption (Bus Priority)  
Only available with Program 233RV/2.B (and above)

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

NO CHANGE  
09-30-09  
APR 11

