



**Phase  
Compatibility  
(MM)1-1-2**

| Phase 1 | Phase 2 |
|---------|---------|
| 1       | 5       |
| 1       | 6       |
| 2       | 5       |
| 2       | 6       |
| 3       | 7       |
| 3       | 8       |
| 4       | 7       |
| 4       | 8       |

**Phase Direction  
Descriptions**

| Phase | Description |
|-------|-------------|
| 1     | WBLT        |
| 2     | EB          |
| 4     | SB          |
| 6     | WB          |

**Overlap Direction  
Descriptions**

| Overlap | Description |
|---------|-------------|
|---------|-------------|

**Administration (MM)1-7-1**

Enable CRC Check: No  
CRC: 0000  
Request Download Program Data: No  
Enable Automatic Backup to Datakey: Yes

LOR254 - SR254 & I-90 WB Ramp

Configuration Phase Sequence Page 2

In Use(MM)1-2

Exclusive Ped(MM)1-2

Backup Prevent(MM)1-1-3

Simultaneous Gap(MM)1-1-4

Disable(MM)1-1-4

| Phases In Use |
|---------------|
| 1             |
| 2             |
| 4             |
| 6             |

| Phase |
|-------|
|       |

| Phase | Timing Phase | Backup |
|-------|--------------|--------|
|       |              |        |

| Phase | Must Gap with Phase |
|-------|---------------------|
| 2     | 6                   |
| 6     | 2                   |

| Phase |
|-------|
|       |

Load Switch Assignments (MMU Channel) (MM)1-3

| Phase | Overlap | Type | Dimming |        |       |      | Auto | Power Up |        |      | Auto |        | Flash Together |     |
|-------|---------|------|---------|--------|-------|------|------|----------|--------|------|------|--------|----------------|-----|
|       |         |      | Red     | Yellow | Green | Dark |      | Red      | Yellow | Dark | Red  | Yellow |                |     |
| 1     | 1       | V    |         |        |       | +    | Yes  |          |        |      |      | Yes    |                |     |
| 2     | 2       | V    |         |        |       | +    | Yes  |          |        |      |      | Yes    |                | Yes |
| 3     | 3       | V    |         |        |       | +    | Yes  |          |        |      |      | Yes    |                | Yes |
| 4     | 4       | V    |         |        |       | +    | Yes  |          |        |      |      | Yes    |                | Yes |
| 5     | 5       | V    |         |        |       | -    | Yes  |          |        |      |      | Yes    |                |     |
| 6     | 6       | V    |         |        |       | -    | Yes  |          |        |      |      | Yes    |                | Yes |
| 7     | 7       | V    |         |        |       | -    | Yes  |          |        |      |      | Yes    |                |     |
| 8     | 8       | V    |         |        |       | -    | Yes  |          |        |      |      | Yes    |                | Yes |
| 9     | 2       | P    |         |        |       | +    | Yes  |          |        |      |      |        |                |     |
| 10    | 4       | P    |         |        |       | +    | Yes  |          |        |      |      |        |                |     |
| 11    | 6       | P    |         |        |       | -    | Yes  |          |        |      |      |        |                |     |
| 12    | 8       | P    |         |        |       | -    | Yes  |          |        |      |      |        |                |     |
| 13    | 1       | O    |         |        |       | +    | Yes  |          |        |      |      | Yes    |                |     |
| 14    | 2       | O    |         |        |       | -    | Yes  |          |        |      |      | Yes    |                | Yes |
| 15    | 3       | O    |         |        |       | +    | Yes  |          |        |      |      | Yes    |                |     |
| 16    | 4       | O    |         |        |       | -    | Yes  |          |        |      |      | Yes    |                | Yes |

**Configuration Port 1 (SDLC)**

**SDLC Options (MM)1-4-1**

**Bus Interface Terminal/Facilities**

| BIU | Term and Facility Enable | Detector Rack Enable |
|-----|--------------------------|----------------------|
| 1   | Yes                      | No                   |
| 2   | Yes                      | Yes                  |
| 3   | No                       | No                   |
| 4   | No                       | No                   |
| 5   | No                       | No                   |
| 6   | No                       | No                   |
| 7   | No                       | No                   |
| 8   | No                       | No                   |

Enable TS2/MMU Type Cabinet: Yes  
 Enable MMU Extended Status: Yes  
 Enable SDLC Stop Time: Yes  
 Enable 3 Critical RFE's Lockup: Yes  
 Diagnostics (Test Fixture) Enable: No

**Secondary To Secondary Addressing**

| ID | Term and Facility Enable | Detector Rack Enable |
|----|--------------------------|----------------------|
| 1  | No                       | No                   |
| 2  | No                       | No                   |
| 3  | No                       | No                   |
| 4  | No                       | No                   |
| 5  | No                       | No                   |
| 6  | No                       | No                   |
| 7  | No                       | No                   |
| 8  | No                       | No                   |

Secondary To Secondary Addressing MMU: No  
 Secondary To Secondary Addressing Diagnostics: No

**MMU Program (MM)1-4-2**

| Channel Can Serve with Channel |           |
|--------------------------------|-----------|
| Channel 1                      | Channel 2 |
|                                |           |

**Color Check Enable (MM)1-4-3**

Enable Color Check: Yes

**Color Check Enable**

| MMU Channel | Green | Yellow | Red |
|-------------|-------|--------|-----|
| 1           | Yes   | Yes    | Yes |
| 2           | Yes   | Yes    | Yes |
| 4           | Yes   | Yes    | Yes |
| 6           | Yes   | Yes    | Yes |

LOR254 - SR254 & I-90 WB Ramp

**Configuration Communications**

**Ethernet Port Configuration (MM)1-5-1**

Controller IP: 10.70.10.51  
 Subnet Mask: 255.255.255.0  
 Default Gateway IP: 10.70.10.1  
 Server IP: 10.70.10.1

**NTCIP Parameters (MM)1-5-5**

Backup Time: 0  
 UDP Port: 501  
 Ethernet Priority: 1  
 Port 2 Priority: 4  
 Port 3A Priority: 3  
 Port 3B Priority: 2

Note for 2070: Port 2 is C50S, Port 3A is C21S, and Port 3B is C22S

**Port Configuration (MM)1-5-2 to 1-5-4**

| Port | Protocol | Enable | Data Rate | Data Parity Stop | Modem Setup String | User String | Comm Port Address | System Detector 9-1 | Telemetry Response Delay | Duplex Half/Full | Flow Control | AB3418 NTCIP Group Address | AB3418 NTCIP Single Flag Enable | RTS to CTS Delay | RTS Turn Off Delay | Droupout Time | Early RTS | FSK Hardware | Rail Road | Rail Road Line | ATCS Group | Wayside Device | ATCS Device | Wayside SubNode | ATCS SubNode |
|------|----------|--------|-----------|------------------|--------------------|-------------|-------------------|---------------------|--------------------------|------------------|--------------|----------------------------|---------------------------------|------------------|--------------------|---------------|-----------|--------------|-----------|----------------|------------|----------------|-------------|-----------------|--------------|
| 2    | NTCIP    | Yes    | 9600      | 8 N 1            | None               |             | 1                 | 0                   | 15.0                     | Full             | No           | 0                          | Yes                             | 0.0              | 0.0                | 10            | No        | Yes          | 0         | 0              | 0          | 0              | 0           | 0               | 0            |
| 3A   | NTCIP    | No     | 9600      | 8 N 1            | None               |             | 0                 | 0                   | 0.0                      | Full             | Yes          | 0                          | No                              | 0.0              | 0.0                | 10            | No        | Yes          | 0         | 0              | 0          | 0              | 0           | 0               | 0            |
| 3B   | NTCIP    | No     | 9600      | 8 N 1            | None               |             | 0                 | 0                   | 0.0                      | Full             | Yes          | 0                          | No                              | 0.0              | 0.0                | 10            | No        | Yes          | 0         | 0              | 0          | 0              | 0           | 0               | 0            |

**ECPIP Parameters (MM)1-5-6**

Controller Address: 4  
 Expanded System Detector Address: 0

**Local System Detector**

| Local System Detector | Number |
|-----------------------|--------|
|-----------------------|--------|

LOR254 - SR254 & I-90 WB Ramp

**Configuration Logging/Display**

**Enable Event Logs (MM)1-6-1**

Critical RFE's: Yes  
3 Critical RFE's in 24 Hours: Yes  
MMU Flash Faults: Yes  
Local Flash Faults: Yes  
Non-Critical RFE's (Det/Test): Yes  
Detector Errors: Yes  
Coordination Errors: Yes  
Controller Download: Yes  
Preempt: Yes  
TSP: Yes  
Power On/Off: Yes  
Low Battery: Yes  
Access: Yes  
Data Change: Yes

**Alarm Logs (MM)1-6-1**

Enabled: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

**Display Options (MM)1-7-2**

Key Click Enable: Yes  
Backlight Enable: Yes  
LED Mode: Auto  
Display Mode: Basic

LOR254 - SR254 & I-90 WB Ramp

Logic Processor Page 1

Statement Control (MM)1-8-1

|    |                   |
|----|-------------------|
| LP | Statement Control |
|----|-------------------|

LOR254 - SR254 & I-90 WB Ramp

**Logic Processor Page 2**

**Logic Statements (MM)1-8-2**











LOR254 - SR254 & I-90 WB Ramp

**Controller Overlaps**  
**Vehicle Overlaps (MM)2-2**

| Overlap | Type | Lag Green | Yellow | Red | Advance Green |
|---------|------|-----------|--------|-----|---------------|
|---------|------|-----------|--------|-----|---------------|

**Phases**

| Overlap | Phase | Included | Protect | Modifier | Ped Protect | Not Overlap | Lag X Phase | Lag 2 Phase | Flash Green |
|---------|-------|----------|---------|----------|-------------|-------------|-------------|-------------|-------------|
|---------|-------|----------|---------|----------|-------------|-------------|-------------|-------------|-------------|

**PPLT FYA**

| Overlap | Protected Phase | Permissive Phase | Flash Arrow Output | Flash Arrow Channel | FYA Delay | FYA Clearance | Special Function Disable |
|---------|-----------------|------------------|--------------------|---------------------|-----------|---------------|--------------------------|
|---------|-----------------|------------------|--------------------|---------------------|-----------|---------------|--------------------------|

**Guaranteed Minimum Time Data (MM) 2-4**  
**Phase Time Data**

| Phase | Min Green | Walk | Ped Clear | Yellow | Red Clear | Overlap Green |
|-------|-----------|------|-----------|--------|-----------|---------------|
| A01   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| B02   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| C03   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| D04   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| E05   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| F06   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| G07   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| H08   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| I09   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| J10   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| K11   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| L12   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| M13   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| N14   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| O15   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |
| P16   | 5         | 0    | 7         | 3.0    | 0.0       | 5             |

LOR254 - SR254 & I-90 WB Ramp

**Controller Pedestrian Overlaps**  
**Pedestrian Overlaps (MM) 2-3**  

| Included Phase | Ped Overlap |
|----------------|-------------|
|----------------|-------------|

LOR254 - SR254 & I-90 WB Ramp

**Controller Start/Fash (MM) 2-5**

**Startup**

| Phase | Phase Setting |
|-------|---------------|
| 2     | G             |
| 6     | G             |

| Overlap |
|---------|
| A       |
| B       |
| C       |
| D       |

Flash > Mon: Yes  
Flash Time: 0  
All Red: 0  
Power Start Sequence: 1

**Automatic Flash**

| Entry Phase |
|-------------|
| 4           |

| Exit Phase |
|------------|
| 2          |
| 6          |

| Overlap Exit |
|--------------|
| A            |
| B            |
| C            |
| D            |

Flash > Mon: Yes  
Exit Flash Interval: W  
Minimum Auto Flash: 8  
Minimumin Recall: No  
Cycle Through Phase: No

LOR254 - SR254 & I-90 WB Ramp

**Controller Options**

**Controller Options (MM)2-6-1**

| Phase | Flashing Green Phase | Guaranteed Passage | Non Act 1 | Non Act 2 | Dual Entry | Conditional Service | Conditional Reservice | Ped Reservice | Rest In Walk | Flashing Walk | Ped Clear Yellow | Ped Clear Red | IGRN + Veh Ext |
|-------|----------------------|--------------------|-----------|-----------|------------|---------------------|-----------------------|---------------|--------------|---------------|------------------|---------------|----------------|
| 2     | No                   | No                 | Yes       | No        | Yes        | No                  | No                    | No            | No           | No            | No               | No            | No             |
| 4     | No                   | No                 | No        | No        | Yes        | No                  | No                    | No            | No           | No            | No               | No            | No             |
| 6     | No                   | No                 | Yes       | No        | Yes        | No                  | No                    | No            | No           | No            | No               | No            | No             |
| 8     | No                   | No                 | No        | No        | Yes        | No                  | No                    | No            | No           | No            | No               | No            | No             |

Ped Clear Protect: Off

Red Revert: 2.0

**Act Pre-Time (MM)2-7**

Pre-Time Mode Enable: No

Free Input Enables Pre-Timed: Yes

**Pre-Timed Phase**



Phase Recall Options (MM)2-8

| Plan | Phase | Lock Detector | Vehicle Recall | Ped Recall | Max Recall | Soft Recall | No Rest | AI Calc |
|------|-------|---------------|----------------|------------|------------|-------------|---------|---------|
| 1    | 2     | Yes           | Yes            | No         | No         | No          | No      | No      |
| 1    | 6     | Yes           | Yes            | No         | No         | No          | No      | No      |
| 2    | 1     | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 2     | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 3     | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 4     | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 5     | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 6     | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 7     | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 8     | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 9     | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 10    | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 11    | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 12    | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 13    | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 14    | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 15    | Yes           | No             | No         | No         | No          | No      | No      |
| 2    | 16    | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 1     | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 2     | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 3     | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 4     | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 5     | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 6     | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 7     | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 8     | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 9     | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 10    | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 11    | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 12    | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 13    | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 14    | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 15    | Yes           | No             | No         | No         | No          | No      | No      |
| 3    | 16    | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 1     | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 2     | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 3     | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 4     | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 5     | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 6     | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 7     | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 8     | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 9     | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 10    | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 11    | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 12    | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 13    | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 14    | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 15    | Yes           | No             | No         | No         | No          | No      | No      |
| 4    | 16    | Yes           | No             | No         | No         | No          | No      | No      |

LOR254 - SR254 & I-90 WB Ramp

**Coordination Options**  
**Coordination Options (MM)3-1**

Manual Pattern: Auto  
ECPI Coord: Yes  
System Source: TBC  
System Format: STD  
Splits In: Seconds  
Offsets In: Seconds  
Transition: Smooth  
Max Select: MAXINH  
Dwell/Add Time: 0  
Dly Coord Wz-Lz: No  
Force Off: Float  
Offset Reference: Yell  
Use Ped Time: Yes  
Ped Recall: No  
Ped Resv: No  
Local Zero Ovr: No  
Fo Add Ini Green: No  
Re-sync Count: 0  
Multisync: No

**Split Demand (MM)3-5**

**Demand 1**   **Demand 2**

**Phase**   **Phase**

| Demand | Detector | Call Time | Cycle Count |
|--------|----------|-----------|-------------|
|--------|----------|-----------|-------------|

**Auto Perm Minimum Green (Seconds) (MM)3-4**

**Phase**   **Min Green**



LOR254 - SR254 & I-90 WB Ramp

Preemptor Preempt Plan (MM)4-1

Preempt Phases

| Preempt | Phase | Track Clear Veh | Dwell Veh | Dwell Ped | Cycling Veh | Cycling Ped | Exit Phase | Exit Calls | Special Function |
|---------|-------|-----------------|-----------|-----------|-------------|-------------|------------|------------|------------------|
| 3       | 2     | No              | Yes       | No        | No          | No          | No         | No         | No               |
| 4       | 4     | No              | Yes       | No        | No          | No          | No         | No         | No               |
| 5       | 6     | No              | Yes       | No        | No          | No          | No         | No         | No               |

Preempt Overlaps

| Preempt | Overlap | Track Clear | Enable Trailing | Dwell Overlap | Cycling Overlap |
|---------|---------|-------------|-----------------|---------------|-----------------|
|---------|---------|-------------|-----------------|---------------|-----------------|

| Preempt | Enable   | Preempt Override | Interlock Enable | Detector Lock | Delay | Inhibit | Override Flash | Duration | CLR > GRN |
|---------|----------|------------------|------------------|---------------|-------|---------|----------------|----------|-----------|
| 1       | No       | Yes              | No               | Yes           | 0     | 0       | No             | 0        | No        |
| 2       | No       | Yes              | No               | Yes           | 0     | 0       | No             | 0        | No        |
| 3       | Standard | No               | No               | No            | 0     | 0       | No             | 0        | No        |
| 4       | Standard | No               | No               | No            | 0     | 0       | No             | 0        | No        |
| 5       | Standard | No               | No               | No            | 0     | 0       | No             | 0        | No        |
| 6       | No       | No               | No               | No            | 0     | 0       | No             | 0        | No        |
| 7       | No       | Yes              | No               | Yes           | 0     | 0       | Yes            | 0        | No        |
| 8       | No       | Yes              | No               | Yes           | 0     | 0       | Yes            | 0        | No        |
| 9       | No       | Yes              | No               | Yes           | 0     | 0       | Yes            | 0        | No        |
| 10      | No       | Yes              | No               | Yes           | 0     | 0       | Yes            | 0        | No        |

| Preempt | Term Overlap Asap | PC Through Yellow | Terminate Phase | Ped Dark | Track Clearance Re-service | Dwell Flash | Linked Pmt | Flash Exit Color | Preempt To Coord | Fault Type |
|---------|-------------------|-------------------|-----------------|----------|----------------------------|-------------|------------|------------------|------------------|------------|
| 1       | No                | No                | No              | No       | No                         | Off         | 0          | Green            | No               | Hard       |
| 2       | No                | No                | No              | No       | No                         | Off         | 0          | Green            | No               | Hard       |
| 3       | No                | No                | No              | No       | No                         | Off         | 0          | Green            | No               | Hard       |
| 4       | No                | No                | No              | No       | No                         | Off         | 0          | Green            | No               | Hard       |
| 5       | No                | No                | No              | No       | No                         | Off         | 0          | Green            | No               | Hard       |
| 6       | No                | No                | No              | No       | No                         | Off         | 0          | Green            | No               | Hard       |
| 7       | No                | No                | No              | No       | No                         | Off         | 0          | Green            | No               | Hard       |
| 8       | No                | No                | No              | No       | No                         | Off         | 0          | Green            | No               | Hard       |
| 9       | No                | No                | No              | No       | No                         | Off         | 0          | Green            | No               | Hard       |
| 10      | No                | No                | No              | No       | No                         | Off         | 0          | Green            | No               | Hard       |

| Preempt | Exit Timing Plan | Reservice | Free During Pmt Ring 1 | Free During Pmt Ring 2 | Free During Pmt Ring 3 | Free During Pmt Ring 4 |
|---------|------------------|-----------|------------------------|------------------------|------------------------|------------------------|
| 1       | 0                | 0         | No                     | No                     | No                     | No                     |
| 2       | 0                | 0         | No                     | No                     | No                     | No                     |
| 3       | 0                | 0         | No                     | No                     | No                     | No                     |
| 4       | 0                | 0         | No                     | No                     | No                     | No                     |
| 5       | 0                | 0         | No                     | No                     | No                     | No                     |
| 6       | 0                | 0         | No                     | No                     | No                     | No                     |
| 7       | 0                | 0         | No                     | No                     | No                     | No                     |
| 8       | 0                | 0         | No                     | No                     | No                     | No                     |
| 9       | 0                | 0         | No                     | No                     | No                     | No                     |
| 10      | 0                | 0         | No                     | No                     | No                     | No                     |

| Preempt | Entrance Walk | Entrance Ped Clear | Entrance Min Green | Entrance Yellow | Entrance Red | Track Clear Min Green | Gate Down Ext Green | Gate Down Max Green | Track Clear Yellow | Track Clear Red |
|---------|---------------|--------------------|--------------------|-----------------|--------------|-----------------------|---------------------|---------------------|--------------------|-----------------|
| 1       | 0             | 0                  | 5                  | 25.5            | 25.5         | 0                     | 0                   | 0                   | 25.5               | 25.5            |
| 2       | 0             | 0                  | 5                  | 25.5            | 25.5         | 0                     | 0                   | 0                   | 25.5               | 25.5            |
| 3       | 0             | 0                  | 5                  | 25.5            | 25.5         | 0                     | 0                   | 0                   | 25.5               | 25.5            |
| 4       | 0             | 0                  | 5                  | 25.5            | 25.5         | 0                     | 0                   | 0                   | 25.5               | 25.5            |
| 5       | 0             | 0                  | 5                  | 25.5            | 25.5         | 0                     | 0                   | 0                   | 25.5               | 25.5            |
| 6       | 0             | 0                  | 5                  | 25.5            | 25.5         | 0                     | 0                   | 0                   | 25.5               | 25.5            |
| 7       | 0             | 255                | 5                  | 4.0             | 1.0          | 0                     | 0                   | 0                   | 4.0                | 1.0             |
| 8       | 0             | 255                | 5                  | 4.0             | 1.0          | 0                     | 0                   | 0                   | 4.0                | 1.0             |
| 9       | 0             | 255                | 5                  | 4.0             | 1.0          | 0                     | 0                   | 0                   | 4.0                | 1.0             |
| 10      | 0             | 255                | 5                  | 4.0             | 1.0          | 0                     | 0                   | 0                   | 4.0                | 1.0             |

| Preempt | Min Dwell Time | Extend Preempt Input Time | Max Preempt Call Time | Exit Yellow Time | Exit Red Time | Preempt Active Out | Preempt Active Dwell | Other Priority Preempt | Non-Priority Preempt | Inhibit Ext Time |
|---------|----------------|---------------------------|-----------------------|------------------|---------------|--------------------|----------------------|------------------------|----------------------|------------------|
| 1       | 10             | 0.0                       | 0                     | 25.5             | 25.5          | F1                 | No                   | Off                    | On                   | 0.0              |
| 2       | 10             | 0.0                       | 0                     | 25.5             | 25.5          | F1                 | No                   | Off                    | On                   | 0.0              |
| 3       | 10             | 0.0                       | 0                     | 25.5             | 25.5          | F1                 | No                   | Off                    | On                   | 0.0              |
| 4       | 10             | 0.0                       | 0                     | 25.5             | 25.5          | F1                 | No                   | Off                    | On                   | 0.0              |
| 5       | 10             | 0.0                       | 0                     | 25.5             | 25.5          | F1                 | No                   | Off                    | On                   | 0.0              |
| 6       | 10             | 0.0                       | 0                     | 25.5             | 25.5          | F1                 | No                   | Off                    | On                   | 0.0              |
| 7       | 0              | 0.0                       | 0                     | 4.0              | 1.0           | On                 | No                   | Off                    | Off                  | 0.0              |
| 8       | 0              | 0.0                       | 0                     | 4.0              | 1.0           | On                 | No                   | Off                    | Off                  | 0.0              |
| 9       | 0              | 0.0                       | 0                     | 4.0              | 1.0           | On                 | No                   | Off                    | Off                  | 0.0              |
| 10      | 0              | 0.0                       | 0                     | 4.0              | 1.0           | On                 | No                   | Off                    | Off                  | 0.0              |

LOR254 - SR254 & I-90 WB Ramp

**Preemptor Preempt Filtering**  
**Enable Preempt Filtering and TSP/SCP**

**(MM)4-2**

| <b>Input</b> | <b>Solid</b>  | <b>Pulsing</b> |
|--------------|---------------|----------------|
| 3            | Preemption -3 | Preemption -7  |
| 4            | Preemption -4 | Preemption -8  |
| 5            | Preemption -5 | Preemption -9  |
| 6            | Preemption -6 | Preemption -10 |

LOR254 - SR254 & I-90 WB Ramp

**Time Base Clock/Calendar  
Clock/Calendar Options (MM)5-1**

Enable Action Plan: 0  
Sync Reference Time: 12:00 AM  
Sync Reference: Reference Time  
Day Light Savings: USDLS  
Time Reset Input Set Time: 3:30:00  
Standard Time From GMT: -5

LOR254 - SR254 & I-90 WB Ramp

**Time Base Action Plan  
Action Plan (MM)5-2**

| Plan | Pattern    | Veh Det Plan | Flash | Red Rest | Controller Seq | Timing Plan | Override System | Detector Log | Veh Det Diag Plan | Ped Det Diag Plan | Dimming Enable |
|------|------------|--------------|-------|----------|----------------|-------------|-----------------|--------------|-------------------|-------------------|----------------|
| 1    | 1          | 0            | No    | No       | 0              | 0           | No              | None         | 0                 | 0                 | No             |
| 2    | 2          | 0            | No    | No       | 0              | 0           | No              | None         | 0                 | 0                 | No             |
| 3    | 3          | 0            | No    | No       | 0              | 0           | No              | None         | 0                 | 0                 | No             |
| 99   | 255 - FLSH | 0            | Yes   | No       | 0              | 0           | No              | None         | 0                 | 0                 | No             |
| 100  | 254 - FREE | 0            | No    | No       | 0              | 0           | No              | None         | 0                 | 0                 | No             |

**Action Plan Phases**

| Plan | Phase | Ped Rcl | Walk 2 | Vex 2 | Veh Rcl | Max Rcl | Max 2 | Max 3 | CS Inhibit | Omit |
|------|-------|---------|--------|-------|---------|---------|-------|-------|------------|------|
|------|-------|---------|--------|-------|---------|---------|-------|-------|------------|------|

**Acion Plan Special  
Functions**

| Plan | Function |
|------|----------|
|------|----------|

**Action Plan  
Auxiliary Functions**

| Plan | Function |
|------|----------|
|------|----------|

**Logic Statement Control**

| Plan | LP | Statement Control |
|------|----|-------------------|
|------|----|-------------------|

LOR254 - SR254 & I-90 WB Ramp

**Time Base Day Plan/Schedule**

**Day Plan (MM)5-3**

| Plan | Event | Action Plan | Start Time |
|------|-------|-------------|------------|
| 1    | 1     | 100         | 12:00 AM   |
| 1    | 2     | 1           | 7:00 AM    |
| 1    | 3     | 2           | 11:00 AM   |
| 1    | 4     | 3           | 2:30 PM    |
| 1    | 5     | 100         | 8:00 PM    |
| 2    | 1     | 100         | 12:00 AM   |
| 2    | 2     | 2           | 8:30 AM    |
| 2    | 3     | 100         | 8:00 PM    |

**Schedule (MM)5-4**

| Schedule Number | Day Plan Number | Months  | Days of Week               | Days of Month   |
|-----------------|-----------------|---|----------------------------|---|
| 1               | 1               | Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sept, Oct, Nov, Dec | Mon, Tues, Wed, Thurs, Fri | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 |
| 2               | 2               | Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sept, Oct, Nov, Dec | Sun, Sat                   | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31 |



LOR254 - SR254 & I-90 WB Ramp

**Time Base Exceptions  
Exception Day Program (MM)5-5**

| Day | Fixed/Float | Month | Day of Week/Month | Week of Month/Year | Day Plan |
|-----|-------------|-------|-------------------|--------------------|----------|
| 1   | FLOAT       | 0     | 0                 | 0                  | 0        |
| 2   | FLOAT       | 0     | 0                 | 0                  | 0        |
| 3   | FLOAT       | 0     | 0                 | 0                  | 0        |
| 4   | FLOAT       | 0     | 0                 | 0                  | 0        |
| 5   | FLOAT       | 0     | 0                 | 0                  | 0        |
| 6   | FLOAT       | 0     | 0                 | 0                  | 0        |
| 7   | FLOAT       | 0     | 0                 | 0                  | 0        |
| 8   | FLOAT       | 0     | 0                 | 0                  | 0        |
| 9   | FLOAT       | 0     | 0                 | 0                  | 0        |
| 10  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 11  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 12  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 13  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 14  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 15  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 16  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 17  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 18  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 19  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 20  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 21  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 22  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 23  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 24  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 25  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 26  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 27  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 28  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 29  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 30  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 31  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 32  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 33  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 34  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 35  | FLOAT       | 0     | 0                 | 0                  | 0        |
| 36  | FLOAT       | 0     | 0                 | 0                  | 0        |

LOR254 - SR254 & I-90 WB Ramp

**Detectors**

Detectors Page 1

**Vehicle Detectors Setup (MM)6-1**

| Vehicle Plan | Detector Number | Called | Type |
|--------------|-----------------|--------|------|
|--------------|-----------------|--------|------|

Vehicle Detector Setup (MM)6-2 continued

| Detector Number | ECPI       | TS2 Detector | Detector Description |
|-----------------|------------|--------------|----------------------|
| 1               | S-STANDARD | No           |                      |
| 2               | S-STANDARD | No           |                      |
| 3               | S-STANDARD | No           |                      |
| 4               | S-STANDARD | No           |                      |
| 5               | S-STANDARD | No           |                      |
| 6               | S-STANDARD | No           |                      |
| 7               | S-STANDARD | No           |                      |
| 8               | S-STANDARD | No           |                      |
| 9               | S-STANDARD | No           |                      |
| 10              | S-STANDARD | No           |                      |
| 11              | S-STANDARD | No           |                      |
| 12              | S-STANDARD | No           |                      |
| 13              | S-STANDARD | No           |                      |
| 14              | S-STANDARD | No           |                      |
| 15              | S-STANDARD | No           |                      |
| 16              | S-STANDARD | No           |                      |
| 17              | S-STANDARD | No           |                      |
| 18              | S-STANDARD | No           |                      |
| 19              | S-STANDARD | No           |                      |
| 20              | S-STANDARD | No           |                      |
| 21              | S-STANDARD | No           |                      |
| 22              | S-STANDARD | No           |                      |
| 23              | S-STANDARD | No           |                      |
| 24              | S-STANDARD | No           |                      |
| 25              | S-STANDARD | No           |                      |
| 26              | S-STANDARD | No           |                      |
| 27              | S-STANDARD | No           |                      |
| 28              | S-STANDARD | No           |                      |
| 29              | S-STANDARD | No           |                      |
| 30              | S-STANDARD | No           |                      |
| 31              | S-STANDARD | No           |                      |
| 32              | S-STANDARD | No           |                      |
| 33              | S-STANDARD | No           |                      |
| 34              | S-STANDARD | No           |                      |
| 35              | S-STANDARD | No           |                      |
| 36              | S-STANDARD | No           |                      |
| 37              | S-STANDARD | No           |                      |
| 38              | S-STANDARD | No           |                      |
| 39              | S-STANDARD | No           |                      |
| 40              | S-STANDARD | No           |                      |
| 41              | S-STANDARD | No           |                      |
| 42              | S-STANDARD | No           |                      |
| 43              | S-STANDARD | No           |                      |
| 44              | S-STANDARD | No           |                      |
| 45              | S-STANDARD | No           |                      |
| 46              | S-STANDARD | No           |                      |
| 47              | S-STANDARD | No           |                      |
| 48              | S-STANDARD | No           |                      |
| 49              | S-STANDARD | No           |                      |
| 50              | S-STANDARD | No           |                      |
| 51              | S-STANDARD | No           |                      |
| 52              | S-STANDARD | No           |                      |
| 53              | S-STANDARD | No           |                      |
| 54              | S-STANDARD | No           |                      |
| 55              | S-STANDARD | No           |                      |
| 56              | S-STANDARD | No           |                      |
| 57              | S-STANDARD | No           |                      |
| 58              | S-STANDARD | No           |                      |
| 59              | S-STANDARD | No           |                      |
| 60              | S-STANDARD | No           |                      |
| 61              | S-STANDARD | No           |                      |
| 62              | S-STANDARD | No           |                      |
| 63              | S-STANDARD | No           |                      |
| 64              | S-STANDARD | No           |                      |

Vehicle Detector Setup (MM)6-2 continued

| Detector Number | Vehicle Plan | Assigned Phase | Switch Phase | Extend Time/Passage Time | Delay Time | Queue Limit/Disconnect Time | Added Option | Call Option | NTCIP Occupancy | NTCIP Volume | ECPI Log | Lock In | Ext Option |
|-----------------|--------------|----------------|--------------|--------------------------|------------|-----------------------------|--------------|-------------|-----------------|--------------|----------|---------|------------|
| 1               | 1            | 1              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 1               | 2            | 1              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 1               | 3            | 1              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 1               | 4            | 1              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 2               | 1            | 2              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 2               | 2            | 2              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 2               | 3            | 2              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 2               | 4            | 2              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 3               | 1            | 3              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 3               | 2            | 3              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 3               | 3            | 3              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 3               | 4            | 3              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 4               | 1            | 4              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 4               | 2            | 4              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 4               | 3            | 4              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 4               | 4            | 4              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 5               | 1            | 5              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 5               | 2            | 5              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 5               | 3            | 5              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 5               | 4            | 5              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |
| 6               | 1            | 6              | 0            | 0.0                      | 0.0        | 0                           | No           | Yes         | No              | No           | No       | None    | Passage    |





|    |   |   |   |     |     |   |    |     |    |    |    |      |         |
|----|---|---|---|-----|-----|---|----|-----|----|----|----|------|---------|
|    | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 53 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 53 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 54 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 54 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 54 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 54 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 55 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 55 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 55 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 55 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 56 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 56 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 56 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 56 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 57 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 57 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 57 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 57 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 58 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 58 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 58 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 58 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 59 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 59 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 59 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 59 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 60 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 60 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 60 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 60 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 61 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 61 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 61 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 61 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 62 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 62 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 62 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 62 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 63 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 63 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 63 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 63 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 64 | 1 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 64 | 2 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 64 | 3 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |
| 64 | 4 | 0 | 0 | 0.0 | 0.0 | 0 | No | Yes | No | No | No | None | Passage |

**Ped Detector Options (MM)6-3**

**Phase Ped Detector (NTCIP)**

| Local Ped Detector | Number |
|--------------------|--------|
| 1                  | 1      |
| 2                  | 2      |
| 3                  | 3      |
| 4                  | 4      |
| 5                  | 5      |
| 6                  | 6      |
| 7                  | 7      |
| 8                  | 8      |
| 9                  | 9      |
| 10                 | 10     |
| 11                 | 11     |
| 12                 | 12     |
| 13                 | 13     |
| 14                 | 14     |
| 15                 | 15     |
| 16                 | 16     |

**Local System Detector**

| Local System Detector | Number |
|-----------------------|--------|
|-----------------------|--------|

LOR254 - SR254 & I-90 WB Ramp

**Detectors**

**Detectors Page 2**

**Log - Speed Detector Setup (MM)6-5**

NTCIP Log Period: 0 ECP1 Log Period: TBAP Length Unit: Inch

| Speed Detector | Local Detector | One/Two Detector | Vehicle Length | Trap Length | Enable Log |
|----------------|----------------|------------------|----------------|-------------|------------|
| 1              | 0              | 1                | 0              | 0           | No         |
| 2              | 0              | 1                | 0              | 0           | No         |
| 3              | 0              | 1                | 0              | 0           | No         |
| 4              | 0              | 1                | 0              | 0           | No         |
| 5              | 0              | 1                | 0              | 0           | No         |
| 6              | 0              | 1                | 0              | 0           | No         |
| 7              | 0              | 1                | 0              | 0           | No         |
| 8              | 0              | 1                | 0              | 0           | No         |
| 9              | 0              | 1                | 0              | 0           | No         |
| 10             | 0              | 1                | 0              | 0           | No         |
| 11             | 0              | 1                | 0              | 0           | No         |
| 12             | 0              | 1                | 0              | 0           | No         |
| 13             | 0              | 1                | 0              | 0           | No         |
| 14             | 0              | 1                | 0              | 0           | No         |
| 15             | 0              | 1                | 0              | 0           | No         |
| 16             | 0              | 1                | 0              | 0           | No         |

**Vehicle Detector Diagnostics (MM)6-6**

| Plan | Detector | Counts | Act | Pres | Multiplier | Failed Time | Failed Call Delay |
|------|----------|--------|-----|------|------------|-------------|-------------------|
| 1    | 1        | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 2        | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 3        | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 4        | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 5        | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 6        | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 7        | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 8        | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 9        | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 10       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 11       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 12       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 13       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 14       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 15       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 16       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 17       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 18       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 19       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 20       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 21       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 22       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 23       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 24       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 25       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 26       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 27       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 28       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 29       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 30       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 31       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 32       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 33       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 34       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 35       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 36       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 37       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 38       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 39       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 40       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 41       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 42       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 43       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 44       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 45       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 46       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 47       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 48       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 49       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 50       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 51       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 52       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 53       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 54       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 55       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 56       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 57       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 58       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 59       | 0      | 0   | 0    | 1          | 255         | 0                 |
| 1    | 60       | 0      | 0   | 0    | 1          | 255         | 0                 |

|   |    |   |   |   |   |     |   |
|---|----|---|---|---|---|-----|---|
| 1 | 61 | 0 | 0 | 0 | 1 | 255 | 0 |
| 1 | 62 | 0 | 0 | 0 | 1 | 255 | 0 |
| 1 | 63 | 0 | 0 | 0 | 1 | 255 | 0 |
| 1 | 64 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 1  | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 2  | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 3  | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 4  | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 5  | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 6  | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 7  | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 8  | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 9  | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 10 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 11 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 12 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 13 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 14 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 15 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 16 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 17 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 18 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 19 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 20 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 21 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 22 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 23 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 24 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 25 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 26 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 27 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 28 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 29 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 30 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 31 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 32 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 33 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 34 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 35 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 36 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 37 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 38 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 39 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 40 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 41 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 42 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 43 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 44 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 45 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 46 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 47 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 48 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 49 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 50 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 51 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 52 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 53 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 54 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 55 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 56 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 57 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 58 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 59 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 60 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 61 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 62 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 63 | 0 | 0 | 0 | 1 | 255 | 0 |
| 2 | 64 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 1  | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 2  | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 3  | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 4  | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 5  | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 6  | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 7  | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 8  | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 9  | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 10 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 11 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 12 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 13 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 14 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 15 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 16 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 17 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 18 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 19 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 20 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 21 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 22 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 23 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 24 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 25 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 26 | 0 | 0 | 0 | 1 | 255 | 0 |



|   |    |   |   |   |   |     |   |
|---|----|---|---|---|---|-----|---|
|   | 27 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 28 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 29 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 30 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 31 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 32 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 33 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 34 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 35 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 36 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 37 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 38 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 39 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 40 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 41 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 42 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 43 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 44 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 45 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 46 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 47 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 48 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 49 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 50 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 51 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 52 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 53 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 54 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 55 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 56 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 57 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 58 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 59 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 60 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 61 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 62 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 63 | 0 | 0 | 0 | 1 | 255 | 0 |
| 3 | 64 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 1  | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 2  | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 3  | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 4  | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 5  | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 6  | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 7  | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 8  | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 9  | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 10 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 11 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 12 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 13 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 14 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 15 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 16 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 17 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 18 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 19 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 20 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 21 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 22 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 23 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 24 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 25 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 26 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 27 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 28 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 29 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 30 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 31 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 32 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 33 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 34 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 35 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 36 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 37 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 38 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 39 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 40 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 41 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 42 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 43 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 44 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 45 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 46 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 47 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 48 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 49 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 50 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 51 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 52 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 53 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 54 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 55 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 56 | 0 | 0 | 0 | 1 | 255 | 0 |

|   |    |   |   |   |   |     |   |
|---|----|---|---|---|---|-----|---|
|   | 57 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 58 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 59 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 60 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 61 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 62 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 63 | 0 | 0 | 0 | 1 | 255 | 0 |
| 4 | 64 | 0 | 0 | 0 | 1 | 255 | 0 |

**Pedestrian Detector Diagnostics (MM)6-7**

| Plan | Detector | Counts | Act | Pres | Multiplier |
|------|----------|--------|-----|------|------------|
|------|----------|--------|-----|------|------------|