TRUCK TURNING EXHIBIT TO ENSURE MEDIAN ISLANDS ARE NOT BLOCKING TRUCK MOVEMENTS

EXHIBIT ONLY
NOT FOR CONSTRUCTION
NOTES:
1. REFER TO SHEET AGREEMENT FOR SHEET AGREEMENTS
2. REFER TO SHEET AGREEMENT FOR SHEET AGREEMENTS
3. REFER TO SHEET AGREEMENT FOR SHEET AGREEMENTS

DOUBLE YELLOW STRIPING TO PROHIBIT U-TURN ON RAILROAD TRACKS

ADVANCE RAILROAD CROSSING WARNING SIGNS

UPDATE RAILROAD CROSSING STRIPING IF SO REQUIRED
Traffic Signal Modification Construction Notes:

1. Traction system controllers are located in various places along the roads. These controllers may require additional access points to be installed to facilitate maintenance.

2. Signals installed near existing sections of gravel must be installed.

3. Signals installed near railroad crossings must be installed.

4. Signals installed near existing intersections must be installed.

5. Signals installed near existing curbs must be installed.

6. Signals installed near existing driveways must be installed.

7. Signals installed near existing buildings must be installed.

8. Signals installed near existing sidewalks must be installed.

9. Signals installed near existing poles must be installed.

10. Signals installed near existing manholes must be installed.

11. Signals installed near existing bollards must be installed.

12. Signals installed near existing trees must be installed.

13. Signals installed near existing utility poles must be installed.

14. Signals installed near existing fire hydrants must be installed.

15. Signals installed near existing storm drains must be installed.

General Notes:

1. All traffic signals shall be installed in accordance with the traffic signal standard plans, the project specifications, and these notes. Signals and associated equipment shall be installed in accordance with the traffic signal standard plans.

2. All traffic signals shall be installed in accordance with the traffic signal standard plans.

3. All traffic signals shall be installed in accordance with the traffic signal standard plans.

4. All traffic signals shall be installed in accordance with the traffic signal standard plans.

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14. All traffic signals shall be installed in accordance with the traffic signal standard plans.
**Phase Diagram for Meats Avenue at Orange Olive Road in the City of Orange**

### Normal Operations

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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<tbody>
<tr>
<td><img src="image" alt="Phase Diagram" /></td>
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</tbody>
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#### Advance Preemption

- **Advance Preemption Call**
- **Advance to stop traffic from through operations in order to provide the preemption at time of signal operation if necessary.**

### Track Clearance Green Phase

- **Track Clearance Green Phase**
- **Advance to limited service operations**

### Limited Service Operations

- **Start with the phase**
- **Advance to limited service operations**

### Notes:

1. **Do not be started at the beginning of the red all-red phase.**
2. **Blank out LED sign if P3 + 1 (1000) is off when the circuit is open.**
3. **P3 = 10, 000**
4. **E = 5 SEC HEAD + 5 SEC HEAD & CONTROL**

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**September 25, 2008**

**SCRRA Contract No.C3101-09**

**Sheet 317 of 385**

**Calculated Advance Preemption Time (APT) from Railroad = 33 Seconds**
MEDIAN ISLAND INSTALLED TO PROHIBIT LEFT TURN INTO THE ADJACENT DRIVEWAY AND TO PROHIBIT DRIVING AROUND THE GATES

SQUARE OFF TRACKSIDE MEDIAN ISLAND

PEDESTRIAN TREATMENT ON A VERY SKewed CROSSING

ADDITIONAL PANELS TO ACCOMMODATE NEW SIDEWALK TREATMENT
TRUCK TURNING EXHIBIT TO ENSURE MEDIAN ISLANDS ARE NOT BLOCKING TRUCK MOVEMENTS

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