SANDAG 2012 RTIP
Network Inputs

February 22, 2012
RTP vs. RTIP

- RTP is long term plan, has two components, demand (land use) and supply (roadway network)
- RTIP is short term plan, only focuses on the supply side
Why RTIP So Important

- RTIP provides key inputs for building near term future year network in SANDAG model

- RTIP coding will be carried into RTP, Corridor Studies, Air Quality Conformity, City and County Circulation Element and GP Updates, Traffic Impact Studies, etc.
What We Are Looking For

- Information that our model needs
- Clear and accurate
- Carry on RTIP projects (length/location changed?)
RTIP for SANDAG Model
## Project Information

### Project Title
Borden Road Street Improvements and Bridge Construction

### Project Description - Guidelines
Construction of approximately 700 lineal feet of a new 4-lane secondary arterial including a bridge.

### System Route
Local

### Multiple Locations - One Location
From Twin Oaks to Woodward Street

### Congestion Relief
- [ ]

### Maintenance
- [ ]

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## Capacity Increasing Project Information - Only Required for Capacity Increasing Projects

<table>
<thead>
<tr>
<th>Capacity Status</th>
<th>CMP</th>
<th>Last Submitted</th>
<th>Thomas Bros Map Page &amp; Grid No.</th>
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<tr>
<td>Capacity Increase</td>
<td>i</td>
<td>9/29/2009</td>
<td>P1108 J8</td>
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<th>Environmental Clearance Phase</th>
<th>Award Const Contract Phase</th>
<th>Open to Traffic Phase</th>
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<tr>
<td>Jun 2010</td>
<td>Sep 2011</td>
<td>Jan 2013</td>
</tr>
<tr>
<td>II</td>
<td>II</td>
<td>II</td>
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Freeway Information

Roadway Detail

- # of Mixed Flow Lanes
- # of Auxiliary or Truck Lanes
- # of HOV/ML Lanes
- Access Points

Freeway Ramps

- Ramp Meter
- # of Lanes
- Direct Access Ramp
  - Transit-Only
  - HOV & Transit
  - Managed
  - ...

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Surface Street Information

Roadway Detail

- # of Lanes
- Two way or one way
- Posted Speed
- Median Type
  - Median
  - CLT

Intersection Detail

- Control Type
  - Stop (4 or 2-way)
  - Signal
- Approach Information (# of lanes)
  - Left/Thru/Right
  - Free Right
  - Prohibited Turn
Carlsbad Example

- Project Limits and Location
- Proposed # of Lanes
- Existing and Future Intersection
- Approach Information
- Control Type
- Posted / Proposed Speed
San Marcos Example

Key Elements

- Project Limits and Location
- Proposed # of Lanes
- Posted / Proposed Speed
- Existing and Future Intersection
  - Approach Information
  - Control Type
Escondido Example

Key Elements

- Project Limits and Location
- Proposed # of Lanes
- Proposed Speed
- Existing and Future Intersection
  - Approach Information
  - Control Type
SR-76 Widening at Rancho del Oro
(Planned Improvement)

N

1500’
Both directions

1500’
Both Directions