SR-55 Project Update

Presentation to:
Bicycle/Pedestrian Subcommittee

September 17, 2019
About the Project

• **Measure M2 Project F, State Route 55 (SR-55) Improvements**
  • Add new lanes between Interstate 5 (I-5) and State Route 22 (SR-22)
  • Provide operational improvements between SR-22 and State Route 91 (SR-91)

• **Project Purpose:**
  • Improve mobility
  • Reduce congestion
  • Increase freeway capacity
  • Improve traffic operations

• **Project Objective:**
  • Minimize environmental impacts and right-of-way (ROW) impacts
Traffic congestion exists on southbound (SB) SR-55 in the AM and northbound (NB) SR-55 in the PM.
Existing traffic demand exceeds capacity.
- Average daily traffic is expected to grow from 257,000 to 281,000 by 2055.
- A traffic study and extensive coordination resulted in the proposed addition of new lanes and interchange operational improvements, generally within the existing ROW.
• Add one GP lane in each direction
• Add capacity to off-ramps at Fourth Street
• Improve Fourth Street intersections to comply with the Americans with Disabilities Act (ADA)
SR-55 Between Fourth Street and 17th Street

Alternative 1 (No Build):

Alternative 2 (Build):

- Centerline shift to reduce construction impacts
SR-55 Between 17th Street and SR-22

Alternative 1 (No Build):

Alternative 2 (Build):

- Maintain existing centerline with reduced inside shoulder to avoid ROW and environmental impacts
## Traffic Benefits

### Average Daily Traffic Volumes

<table>
<thead>
<tr>
<th></th>
<th>SR-55</th>
<th>2055 – Alternative 1 (No Build)</th>
<th>2055 – Alternative 2 (Build)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Existing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NB</td>
<td>135,000</td>
<td>146,000</td>
<td>158,000</td>
</tr>
<tr>
<td>SB</td>
<td>122,000</td>
<td>135,000</td>
<td>139,000</td>
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<tr>
<td>Total</td>
<td>257,000</td>
<td>281,000</td>
<td>297,000</td>
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### Build Annual Vehicle Delay Savings (Hours)

<table>
<thead>
<tr>
<th>Year</th>
<th>Delay Savings</th>
<th>Delay Savings (%)</th>
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<tbody>
<tr>
<td>2035</td>
<td>905,000</td>
<td>10%</td>
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<tr>
<td>2055</td>
<td>1,256,000</td>
<td>11%</td>
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SR-55 Fourth Street Off-Ramp Widening

- Adds capacity to off-ramps and improves operations of intersections
- Provides ADA-compliant crossings
SR-55 Katella Avenue Ramp Widening

- Adds capacity to SB off-ramp and improves operations of intersection
- Provides ADA-compliant crossing
- Reduces queue on right-turns onto SB on-ramp
SR-55 Between SR-91 and South of Lincoln Avenue

- Relocates Lincoln Avenue/Tustin Street off-ramp to south of Lincoln Avenue
- Existing Park-n-Ride will be relocated to the existing off-ramp as a part of the Project
Public Outreach and Noticing

- Civic organization briefings
- Business/school outreach
- City Council presentations
- Collateral development
- Media advertisement
- Social media
# Environmental Phase Schedule

<table>
<thead>
<tr>
<th>Environmental Phase</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
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<tbody>
<tr>
<td>Public Information Meeting</td>
<td></td>
<td></td>
<td></td>
<td>June 7, 2018</td>
<td></td>
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<tr>
<td>Draft Project Report and Environmental Document (30-day review)</td>
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<td></td>
<td>Late September – Late October 2019</td>
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<tr>
<td>Public Hearing (Open House Format)</td>
<td></td>
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<td></td>
<td>Mid October 2019</td>
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<td>Incorporate public comments</td>
<td></td>
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<td>Late October 2019 – Late 2019</td>
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<td>Preferred Alternative Selection</td>
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<td>Late 2019</td>
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<tr>
<td>Final Environmental Document</td>
<td></td>
<td></td>
<td></td>
<td>Complete early 2020</td>
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