American Council of Engineering Companies
Orange County Chapter

Mike Chesney, P.E.
Chief Strategy Officer

March 22, 2017
Enhancing the mobility in Orange County and Southern California by developing and operating publicly owned toll roads as part of the state highway system.
The Toll Roads

- 51 miles open
- 20 percent of OC freeway system
- 300,000 transactions per day
- $335M annual toll revenue
- All drivers pay electronically
- Built parallel to OC’s congested I-5, I-405 and SR-55 freeways
- Even drivers who don’t use The Toll Roads benefit
Traffic and Revenue is Increasing

- Performance year 2016 over year 2015
- Foothill/Eastern (133, 241 and 261 Toll Roads)
  - 8.5 percent increase in traffic
  - 11.8 percent increase in revenue
- San Joaquin Hills (73 Toll Road)
  - 9.4 percent increase in traffic
  - 12.4 percent increase in revenue
- Off-Peak and Weekend transaction growth more than Peak transactions for both systems
Environmental Stewardship

- 25 years dedicated to long-term environmental protection and management programs
- Pioneered OC’s NCCP/HCP Habitat Approach
- More than 2,200 acres of restored, re-vegetated and preserved habitat
  - Riparian and Wetlands
  - Coastal Sage Scrub
  - Oak Woodlands
- Environmental Insight bi-monthly newsletter

[www.thetollroads.com/about/environment/news](http://www.thetollroads.com/about/environment/news)
Capital Improvement Highlights

- 241/91 Connector
- 241 Wildlife Fence
- 241 Connection to I-5
241/91 Express Lanes Connector

- Median-to-median connector providing direct access into the 91 Express Lanes
  - Northbound 241 to Eastbound 91 Express Lanes and Westbound 91 Express Lanes to Southbound 241
  - ~$180M project cost
- Improves mobility by enhancing an alternative to SR-55 and local streets
- Enhances safety by reducing weaving across general purpose lanes
- Maintains 91 Express Lanes operational performance levels

<table>
<thead>
<tr>
<th>MILESTONE</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Review of Draft Environmental Document</td>
<td>Nov. 7, 2016 through Jan. 9, 2017 (60 days)</td>
</tr>
<tr>
<td>Final Environmental Document / Record of Decision</td>
<td>December 2017 / January 2018</td>
</tr>
<tr>
<td>Design Phase</td>
<td>Fall 2016 – Early 2018</td>
</tr>
<tr>
<td>Construction Phase</td>
<td>Fall 2018 – Late 2020</td>
</tr>
</tbody>
</table>
SR 241 Wildlife Safety Fence Project

- Protects drivers, mountain lions & other wildlife by keeping animals in natural habitat
  - 5.3 miles long
  - 10 to 12 feet in height
  - Buried 24 inches underground to prevent digging
  - 18-inch outrigger on top to prevent jumping over

- Funnels animals away from roadway with jump-out ramps located every ½ mile

- New fence design sets the model for transportation agencies in the region

- 241 Toll Road’s Oak Canyon undercrossing is most heavily traveled by mountain lions in California
SR 241 Wildlife Fence Safety Project
SR 241 Wildlife Fence Safety Project
- Re-evaluating the possibilities
- Conducted two (2) Public Forums:
  - June 20, 2016
  - October 5, 2016
- Committed to a new federal and state environmental process
- Announced a settlement agreement on Nov. 10, 2016
Landmark Settlement Agreement

- Settles five lawsuits challenging TCA’s 2006 and 2013 approvals of the Foothill-South and Tesoro Extension Projects

- Ensures permanent protection of San Mateo Watershed, Donna O’Neill Land Conservancy, and other critical open space

- Allows TCA to move forward with a formal Project Initiation Document and subsequently a CEQA/NEPA process on a transportation solution

This Settlement Agreement marks the end of a 15-year legal battle
Establishes an Avoidance Area where TCA will not pursue a transportation solution
Landmark Settlement Agreement

- Creates a $28 million Conservation Fund to help preserve and restore San Mateo Creek and its watershed
- Establishes a cooperative framework by which a transportation solution can be identified

This Settlement Agreement does not establish any specific alignment or route.

This Settlement Agreement allows TCA to move forward in the formal process of finding a transportation mobility solution.
FY17 Capital Improvement Projects

- Oso Pkwy Bridge and Gap Closure
- Catalina View Traffic Improvement
- Signage Enhancements
- Toll Booth Removal
- 241/91 Express Connector
- Toll Booth Removal
- Signage Enhancements
# Toll Booth Removal (Phase 1)

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design Phase</td>
<td>Spring 2017</td>
</tr>
<tr>
<td>Construction Phase</td>
<td>April – August 2017</td>
</tr>
</tbody>
</table>
Signage Enhancements

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design Phase</td>
<td>Summer 2017</td>
</tr>
<tr>
<td>Construction Phase</td>
<td>August – December 2017</td>
</tr>
</tbody>
</table>
Los Patrones Parkway

- 5 Mile Extension
- Connects to Cow Camp Road
- Two Projects
  - RMV & County proceeding with Los Patrones Parkway arterial
  - TCA underway with final PS&E for Oso Parkway Bridge & Gap Closure – Construction by OCPW
- Estimated opening Spring 2018
Future Widening Projects

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity Study</td>
<td>Underway</td>
</tr>
<tr>
<td>Project Development</td>
<td>TBD</td>
</tr>
</tbody>
</table>
## Foothill/Eastern FY17 CIP Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>FY17 Status</th>
<th>FY17 Proposed Budget $M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Patrones Parkway Oso Bridge and Gap Closure</td>
<td>Coordination with County &amp; RMV Final design/County coordination</td>
<td>$3.5</td>
</tr>
<tr>
<td>241 to I-5 Connection</td>
<td>Community Outreach Initiation of new CEQA/NEPA process Acquire open space/mitigation property</td>
<td>$27.3</td>
</tr>
<tr>
<td>241/91 Express Connector</td>
<td>Final Environmental Document Final Project Report Public Outreach Begin Final Engineering</td>
<td>$13.8</td>
</tr>
<tr>
<td>Toll Booth Removal</td>
<td>Complete Design/Begin Construction</td>
<td>$2.2</td>
</tr>
<tr>
<td>Signage Improvements</td>
<td>Complete Design (Begin Construction in FY18 - $1.8M)</td>
<td>$0.2</td>
</tr>
</tbody>
</table>
## San Joaquin Hills FY17 CIP Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>FY17 Status</th>
<th>FY17 Proposed Budget $M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toll Booth Removal</td>
<td>Complete Design/Begin Construction</td>
<td>$1.8</td>
</tr>
<tr>
<td>Signage Improvements</td>
<td>Complete Design (Begin Construction in FY18 - $2.0M)</td>
<td>$0.2</td>
</tr>
</tbody>
</table>
# Future Contracting Opportunities

<table>
<thead>
<tr>
<th>Project</th>
<th>PA/ED</th>
<th>PS&amp;E</th>
<th>CEM</th>
<th>CONST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oso Parkway Bridge &amp; Gap</td>
<td></td>
<td></td>
<td>On-Call (In process)</td>
<td>County</td>
</tr>
<tr>
<td>Signage Enhancements</td>
<td></td>
<td></td>
<td>In process</td>
<td>Summer FY18</td>
</tr>
<tr>
<td>241/91 Express Connector</td>
<td></td>
<td></td>
<td>On-Call (In process)</td>
<td>Summer FY19</td>
</tr>
<tr>
<td>Future</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>241 to I-5 Connection</td>
<td></td>
<td>◆</td>
<td>◆</td>
<td>◆</td>
</tr>
<tr>
<td>Toll Booth Removal Phases 2 and 3</td>
<td></td>
<td>◆</td>
<td>◆</td>
<td>◆</td>
</tr>
<tr>
<td>73 Glenwood Phase II</td>
<td></td>
<td>◆</td>
<td>◆</td>
<td>◆</td>
</tr>
<tr>
<td>Future Widening Projects</td>
<td></td>
<td>◆</td>
<td>◆</td>
<td>◆</td>
</tr>
</tbody>
</table>
Next Steps

TCA leadership will keep you updated as we move forward in the outreach process and ask that we continue to have your support.
For More Information

Mike Chesney
949-754-3428
mchesney@thetollroads.com