Digging Our Way Out of Congestion

Brian Davidson
District 6 Project Manager
• Eight counties
• 4,800 miles of roads
• 1,552 bridges
• 17 garages/outposts
• Operating Budget approx. $52 million

CAPITAL PROGRAM
• More than 60 Construction Projects
• More than 200 Million Dollars
Study Area
<table>
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<tr>
<th>County–Route-Section</th>
<th>PID</th>
<th>Estimated Construction Cost</th>
<th>Construction Ready</th>
<th>Funding Available</th>
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</table>
US-23 NB Congestion: Campus View
US 23 SB Congestion: Ramp to 270 WB
Eliminate Weave Areas
Signalized Diamond Ramps
Additional Lanes
Trench Animation

US23 North Trench
An animated rendering of driving through the trench from various angles
Trench Construction

- Tight time-frame
- Wall challenges
- MOT Challenges
- Site Challenges
Wall Drainage
Structure and Wall Aesthetics
Structure and Wall Aesthetics
Wall Treatment Comparison
Structure and Wall Aesthetics
Structure and Wall Aesthetics
September 2014
April 2015
September 2016
Trench Stats

- **Length**: ¾ mile
- **Depth**: 25 feet with 17.5 feet clearance
- **Required removal of**: 250,000 CY
- **Re-steel in walls**: 400,000 pounds
- **Wall Concrete**: 6,000 CY
- **270 Luminaires**
- **Seven Fire Hydrants**
- **How Much?** 75 million dollars
Trail Impacts

- Up to 18 months of closure for bridge construction
- Isolated northern trail head
- 1,000 trips daily
- No feasible detour
Upgraded Crossing
Construction Progress
Maintenance of Traffic Coordination

SR 315

US Route 23
Questions?