Welcome and Introductions

Amy Schroeder, ITD Transportation Program Manager
Agenda

- Project Overview
- Idaho 16 Strategic Corridor Plan
- Project Information
- Next Steps
- Discussion – Your Input
• Materials at your table
• Future communication
• Restrooms and emergency exits
Treasure Valley Priorities
Project Overview
Project Overview

• Current project includes:
  • Updating traffic projections
  • Reviewing recent developments and updating property information
  • Updating right-of-way and construction cost estimates
  • Developing construction phasing options
  • Updating elements of the 2011 environmental study
  • Advancing design efforts to be ready for future funding
Guiding Principles

• Uphold consistency with the EIS/ROD
  • Maintain the route location
  • Ensure a limited access highway
  • Logical terminus for I-84 – SH-44

• Optimize the preliminary design to reduce future costs

• Provide a reasonable phased implementation of corridor improvements

• Plan for an achievable and affordable highway

• Prepare for regional growth of the Treasure Valley

• Offer more transportation routes to meet the long-term needs of the Treasure Valley
The purpose of the Idaho 16 Strategic Corridor Plan is to create a guiding document that:

- Establishes a plan for affordable phasing of the projects
- Provides a blueprint for future projects
- Prioritizes right-of-way acquisitions
- Outlines funding needs over time
- Provides the information the community needs to support the project
Strategic Corridor Plan – Action Items

• Planning/Design Development Activities
  • Update traffic projections
  • Review recent developments and update property information
  • Update right-of-way and construction cost estimates
  • Develop construction phasing options
  • Update elements of the 2011 environmental study
  • Advance design efforts to be ready for future funding
Land Use Comparisons

2040 Model vs. 2018 and In Process
Many In-process Developments

Households Adjacent to SH-16 (Within 1 Mile)

- Developed On-ground
- Developed On-ground plus In-process
- COMPASS 2018
- COMPASS 2040

Approx. 600% growth 2018-2040

SH-16 Vicinity Land-Use Comparisons

John Ringert, Kittleson
Traffic

![Traffic Graph]

The graph illustrates the average weekday traffic at various locations:
- **W. of SH 16 US 20/26**
- **E of SH 16 SH 44**
- **S. of SH 44 SH 16**
- **At McDermott I-84**

The graph compares existing weekday ADT (Existing Wkdy ADT) and 2045 projected traffic (2045 Projected).
Decreases Road Users’ Delays

Delay reduction on average weekday

Vehicle Hours of Delay

<table>
<thead>
<tr>
<th></th>
<th>CIM 2040 2.0 Funded</th>
<th>State Highway 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Hours of Delay</td>
<td>74,600</td>
<td>69,600</td>
</tr>
</tbody>
</table>

System Results

<table>
<thead>
<tr>
<th></th>
<th>CIM 2040 2.0 Funded</th>
<th>State Highway 16</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Miles of Travel</td>
<td>20,043,000</td>
<td>20,136,000</td>
<td>93,000</td>
</tr>
<tr>
<td>Congested Vehicle Miles of Travel</td>
<td>6,847,000</td>
<td>6,910,000</td>
<td>63,000</td>
</tr>
<tr>
<td>Vehicle Hours of Delay</td>
<td>74,600</td>
<td>69,600</td>
<td>-5,000</td>
</tr>
</tbody>
</table>
Projected Average Daily Traffic for 2045

SH 16 Volumes (Daily Two-Way)
2030p EIS vs 2040p vs 2045p

*2030p EIS volumes from "Off-McDermott Rd" alternative
Changes in Local Roadway Travel Demands

2040 Build vs. No Build Percent Change

>10% Decrease Peak-hour, Peak-direction Volume

>10% Increase Peak-hour, Peak-direction Volume

Interchange

Grade Separated Overcrossing

10% Reduction on Star

30% Reduction on Ten Mile

15% Reduction on Linder

10-20% Reduction on Black Cat
Current Conceptual Design – Roadways

Kim Nokes, Jacobs

- Idaho 16 typical section
  - Open median
  - Closed median
Current Conceptual Design – Roadways

• Local arterial roadway typical section
  • Three travel lanes
  • Five travel lanes
Current Conceptual Design – Interchanges

- I-84 and Idaho 16 System Interchange
- Franklin Road Interchange
- Full access from 16 and Franklin to I-84
Current Conceptual Design – Interchanges

- Ustick Interchange
- US-20/26 Interchange
- ID-16 Interchange
Phased Implementation

• Right-of-Way

CHERRY ROAD OVERCROSSING
FRANKLIN INTERCHANGE
FRANKLIN INTERSECTION
FOUR-LANE HIGHWAY
MCMILLAN ROAD OVERCROSSING
USTICK INTERCHANGE
USTICK INTERSECTION
I-84 INTERCHANGE
RIGHT-OF-WAY
Phased Implementation

• Optional Phasing Approaches
Next Steps

• Next working group meeting
  • Present and discuss the refined design
  • Discuss potential phased approach
Your Input

• What are your thoughts about the Guiding Principles?
• In your opinion, what will the Idaho 16 corridor look like in the next 20 years?
• What are your thoughts about the phasing plans?
• What are the risks associated with this project?
Thank you!