Sidney Truck Route Study
Project Team

- City of Sidney
- Richland County
- Montana Department of Transportation
- Federal Highway Administration
- DOWL HKM
- Gallatin Public Affairs
Project Development Process

We Are Here
Project History

- West and East Truck Routes proposed in 1983 County Transportation Plan as two-lane, minor arterials
- City officials contacted the state in 2007 to initiate a truck route study
- Assessment of existing conditions and future development
- Corridor Modeling – Quantm
- Public Meeting – May ‘08
- Stakeholder Meetings – August and December ’08
- Agency Meeting – December ’08
- MDT-District Presentation to City Council – January ‘09
Purpose of the Truck Route Study

- To assess the need for a truck route
- To gauge the level of public support for a truck route
- To identify potential corridors for a truck route
- To generate planning-level cost estimates
- To explore private/local/state/federal funding mechanisms and financial feasibility of a truck route
Quantm

- New corridor and route alignment planning tool
- Successfully used in other areas of the country, and on other MDT projects
Proposed Sidney Truck Route Study Area
Environmental Constraints
Truck Traffic Patterns
Multiple Alignments
What goals and objectives should be used to evaluate alignment options?

Examples may include:

- Minimize truck volume impacts on existing roadway network
- Minimize cost
- Minimize impacts
- Avoid environmentally sensitive areas
Selected Alignments
## Cost and Impacts

<table>
<thead>
<tr>
<th>Alignment</th>
<th>Option</th>
<th>LENGTH (MILES)</th>
<th>WETLAND</th>
<th>RESIDENTIAL</th>
<th>COMMERCIAL</th>
<th>AGRICULTURAL</th>
<th>TOTAL COST</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>IMPACTS (ACRES)</td>
<td>URBAN (ACRES)</td>
<td>RURAL (ACRES)</td>
<td>URBAN (ACRES)</td>
<td>RURAL (ACRES)</td>
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<tr>
<td></td>
<td>Central Avenue (S of 14th St.) to the intersection of 14th St. &amp; 9th Ave.</td>
<td>1.0</td>
<td>1.6 to 1.8</td>
<td>0</td>
<td>4.5 to 5.2</td>
<td>0</td>
<td>0 to 0.1</td>
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<tr>
<td></td>
<td>14th Street Southeast*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>No sidewalk</td>
<td>0.6</td>
<td>0 to 0.2</td>
<td>0</td>
<td>0 to 0.5</td>
<td>0</td>
<td>0 to 0.2</td>
</tr>
<tr>
<td></td>
<td>Sidewalk on 1 side</td>
<td>0.6</td>
<td>0 to 0.2</td>
<td>0</td>
<td>0 to 0.5</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Sidewalk on 2 sides</td>
<td>0.6</td>
<td>0 to 0.2</td>
<td>0</td>
<td>0 to 0.5</td>
<td>0.1</td>
<td>0 to 0.5</td>
</tr>
<tr>
<td></td>
<td>9th Avenue East Rehab*</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
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<td>No Sidewalk</td>
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<td>0</td>
<td>0.2 to 0.7</td>
<td>0</td>
<td>0.3 to 1.2</td>
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<tr>
<td></td>
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<td>0</td>
<td>0.6 to 0.9</td>
<td>0</td>
<td>0.5 to 1.1</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Sidewalk on 2 sides</td>
<td>1.1</td>
<td>0</td>
<td>1.0 to 1.3</td>
<td>0</td>
<td>1.6 to 1.9</td>
<td>0</td>
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<tr>
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<td>Intersection of 9th Avenue and East Holly Street to the intersection of MT 200 and CR 126.</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td></td>
<td>Intersection of MT 200 and CR 126 to MT 16 NW of Sidney</td>
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<td>0 to 0.3</td>
<td>0</td>
<td>0.9 to 2.8</td>
<td>0</td>
<td>1.0 to 1.1</td>
</tr>
</tbody>
</table>

**TOTAL**

|          |                     | 0.6 to 6.7 | 0 to 2.3 | 0 to 1.5 | 0 to 8.5 | 0 to 2.4 | 0 to 1.3 | 0 to 37.7 | 0 to 31.8 | Up to $32,000,000 |

*All urban sections will require curb and gutter.

** This row represents the range from the minimum (one alignment) to the maximum (all alignments at their highest value).
Phased Implementation Possibilities
Urban Typical Section

- Started with 12 Urban Typical Sections

Option #1

Option #2

Option #3

Note: All views oriented looking easterly on 14th Street SE and northerly on 9th Avenue SE
Rural Typical Section

- Match Existing MT16 from Sidney to Culbertson
Next Steps

- Refine Alignments
- Identify Optimal Alignments and Phased Implementation
- 3rd Public Meeting to present study results
Further Opportunities for Involvement

- Comment Sheets
- Contacts:

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