Fargo-Moorhead Metro COG
Interstate Operations Study
Phase II

Mn/DOT Environmental Stewardship Workshop
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Introduction and Overview

• Study Background
  – Phase I completed in 2009

• Study Goal
  – “Establish a preferred set of actions that will provide acceptable operations on the Fargo-Moorhead Interstate System under year 2025 conditions.”

• Analysis of Interstate Operations
  – Simulation model developed in Phase I

• Develop Implementation Guidance
  – Documentation for stakeholder review
Study Partners and Roles

**Study Review Committee**
Advise project team, review screening results, select preferred alternative

**Metro COG**
Direct and coordinate work, establish study guidelines and schedule, communicate with SRC member agencies

**ATAC**
Perform traffic analysis using Travel Demand Model and VISSIM model, provide model output summary to COG, SRF, and SRC

**SRF Consulting Group**
Develop proposed system actions and screening criteria, evaluate analysis results, provide feedback to SRC
## Study Process

<table>
<thead>
<tr>
<th>Themed Alternatives</th>
<th>Hybrid Alternatives</th>
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<tbody>
<tr>
<td>Transit/Land Use/TDM</td>
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<td>ITS/TOC</td>
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<td>Ramp Metering</td>
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<td>Arterial/Off-System Improvements</td>
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<tr>
<td>Red River Crossing Capacity</td>
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<tr>
<td>Capacity/Physical Improvements</td>
<td>Minimum required to provide acceptable operations</td>
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</tbody>
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Analysis Method

- **Regional Travel Demand Model**
  - Evaluate impacts of alternatives on traffic volumes
- **Simulation Model**
  - Evaluate peak hour Level of Service on Interstate

- **Cost Comparison**
  - Planning level cost estimates developed to provide comparison between Hybrid Alternatives
Conclusions and Recommendations

- Selection of Preferred Alternative
- Prioritization and Implementation
- Final Report available on Fargo-Moorhead Metro COG Website
Thank you!

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