



I-90 Corridor Exit 61 to Exit 67 Corridor Study

Public Meeting #1 July 26, 2016 BHSU Rapid City Center





Introduction

- Welcome
- Housekeeping Items
- Methods of Commenting
 - Comment Card tonight
 - Comment Card later
 - Conversation with project representatives
 - Correspondence after the meeting
- Comments due by August 10







Rapid City Area MPO

Project Contacts

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Study Advisory Team Entities:

- Federal Highway Administration (FHWA)
- City of Box Elder
- Rapid City Area MPO

- Ellsworth AFB
 - **Ellsworth Development Authority**
 - SDDOT Departmental/Local Staff



90 Exit 61 to Exit 67 Corridor Study





Project Background

- Recommended in BESTPlan as a more focused study of important corridor
- Positioned to:
 - Answer key questions in advance of I-90 rehab/reconstruction (8 yrs. out)
 - Address future of Exit 63
- Collaborative effort among several entities





Study Goals:

Complete a list of transportation issues and needs facing the I-90 corridor within the study area

Develop feasible solutions to address those issues and needs that meet current design standards and/or traffic level of service expectations under both the current and predicted future traffic conditions while promoting a livable community that will enhance the economic and social well-being of all users of the corridor.

Two primary areas of need will be investigated in this study.

1. I-90 Corridor Capacity

The need for I-90 and the surrounding roadway network to provide acceptable traffic operations and safety now and into the long range future.

Traffic counts, forecasts and analyses may support:

- The need for an additional travel lane along I-90 for all or part of the study corridor
- The need for particular regional roadway network improvements to accommodate vehicle-trips and support I-90
- The need for other multimodal mobility enhancements

2. Interchange Access

The current half movement interchange provides only for movements to and from the west, not in compliance with current Federal Highway Administration (FHWA) policy requiring that service interchanges provide for all movements. The study will investigate options to bring Exit 63 into compliance with FHWA policy.





















2011-2015 Corridor Crash History



FELSBURG HOLT & ULLEVIG







City of Box Elder

FHWA

Future Growth and Roadway Network



FELSBURG HOLT & ULLEVIG





Prior Exit 63 Ideas







DRAFT Solution Evaluation Criteria



- Traffic Flow
- Traffic Safety
- Construction Cost
- Environmental Impacts
- Right-of-Way Impacts
- Compatibility with EAFB/JLUS
- Compatibility with Development
- Constructability







I-90 Corridor Exit 61 to Exit 67 Corridor Study **Open House Portion**

