Community Highway Safety Forum

US 287 – Idaho to I-90

Director Jim Lynch
Montana Department of Transportation

June 23, 2009
Ennis, Montana
Overview

• Geography & Corridors

• Truck Traffic & Crash Characteristics

• Trucker Survey – Who, Where, Why
Study Corridor

- **US 287** – (From Raynolds Pass via MT 87 and US 287 to west Three Forks interchange-exit 274).
  - Corridor length in Montana: 97 miles.
  - Length from Idaho Falls: 200 miles.

Other Corridors

- **I-15 / I-90** – (From Monida Pass via I-15 and I-90 to west Three Forks interchange-exit 274).
  - Corridor length in Montana: 176 miles.
  - Length from Idaho Falls: 264 miles.

- **US 191** – *(From Targhee Pass via US 20, US 191, MT 85, to west Three Forks interchange-exit 274).*
  - Corridor length in Montana: 128 miles.
  - Length from Idaho Falls: 227 miles.
Number of Lanes and No Passing Zones

Weighted Average Surface Width

All Primary System Routes: 28.72 ft
US 287: 33.47 ft

- No Passing Zone

Number of Lanes
- 2
- 3
- 4
Existing Truck Restrictions

Red Route Highways: Vehicle combinations exceeding 10 feet wide, single units over 55 feet long, combinations 110 feet long and over 14 feet 6 inches high, may not travel after 3:00 pm on Friday to sunrise on Saturday, and from 12:00 noon on Sunday to sunrise on Monday.

Vehicle combinations exceeding 16 feet wide, 120 feet long, or 16 feet high, may not travel after 3:00 pm on Friday, until sunrise on Monday.
Number of Passenger Vehicles vs Trucks in Ennis
May 12 & 13, 2009 (24 hours)

<table>
<thead>
<tr>
<th>Location</th>
<th># of Vehicles</th>
</tr>
</thead>
<tbody>
<tr>
<td>US 287 (Main St) in Ennis</td>
<td>5017</td>
</tr>
<tr>
<td>US 287 North of Main St</td>
<td>4663</td>
</tr>
<tr>
<td>MT 287 to Virginia City</td>
<td>4440</td>
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</table>

<table>
<thead>
<tr>
<th>Year</th>
<th># of Crashes</th>
</tr>
</thead>
<tbody>
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<td>1999</td>
<td>97</td>
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<tr>
<td>2000</td>
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<td>2007</td>
<td>14</td>
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<td>2008</td>
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</table>

TRUCK CRASHES

- I-15/90 - Monida Pass to Exit 274 (Three Forks)
- US 287 - Idaho to I-90
- US 191 - West Yellowstone to Four Corners
Truck Traffic Origin / Destination Survey

- Survey locations were near Cameron & Norris Hill
- Surveys conducted on three days for 24 hours each day
  - Saturday, May 16; Tuesday, May 19; and Thursday, May 21
- Survey results based on a total of 1,521 trucks
- In addition to surveys, MCS participated in inspection efforts
• 7% of trucks traveling US 287 are local and remain within 100 miles of Ennis.

• 33% of trucks traveling US 287 begin or end their trip within 100 miles of Ennis.

• 75% of trucks traveling US 287 have either an origin or destination in Montana.

• 25% of trucks traveling US 287 were through travel.
Travel Frequency on US 287

- 1 or more Times a Day: 5%
- 1 or more Times a Week: 18%
- 1 or more Times a Month: 38%
- 1 or more Times a Year: 24%
- Unknown: 15%

Non-Hazmat Loads on US 287

- Hazmat: 2%
- Non-Hazmat: 5%
- Unknown: 93%

Truck Survey Results
May 16, 19, 21, 2009

US 287 - Percent of Trucks by Commodity

- THROUGH
- LOCAL

- Commodity: PETROLEUM, AGRICULTURAL, BUILDING MATERIALS, CONSUMABLES, EMPTY, OTHER, MACHINERY, CARS/TRUCKS, UNKNOWN

- Percent: 5%, 2%, 2%, 9%, 10%, 19%, 17%, 37%, 3%, 2%, 26%
For questions, comments, or to provide input

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THANK YOU