

Community Highway Safety Forum

US 287 – Idaho to I-90



Director Jim Lynch
Montana Department
of Transportation

June 23, 2009
Ennis, Montana

Montana Department of Transportation



Overview

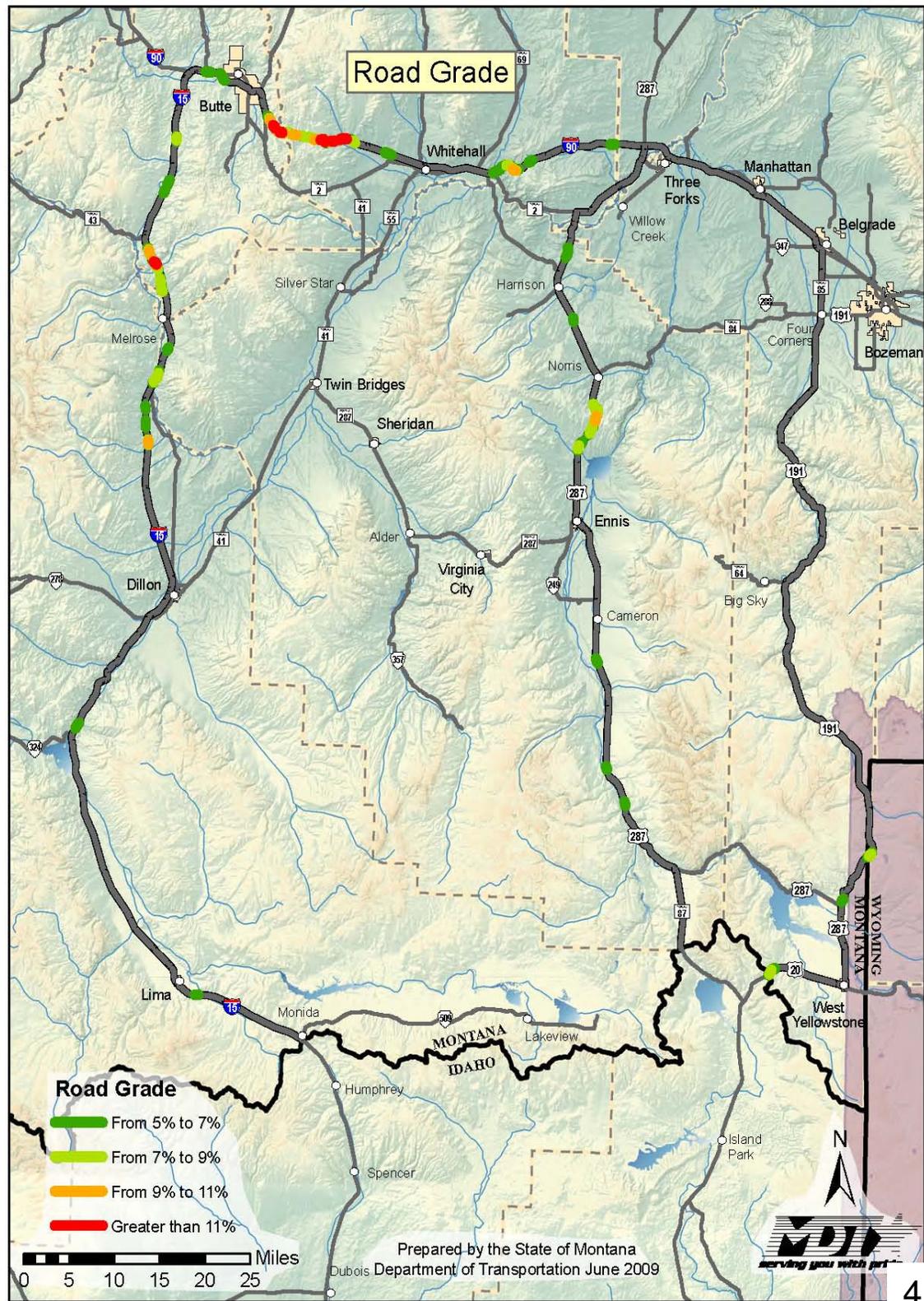
- Geography & Corridors
- Truck Traffic & Crash Characteristics
- Trucker Survey – Who, Where, Why

Study Corridor

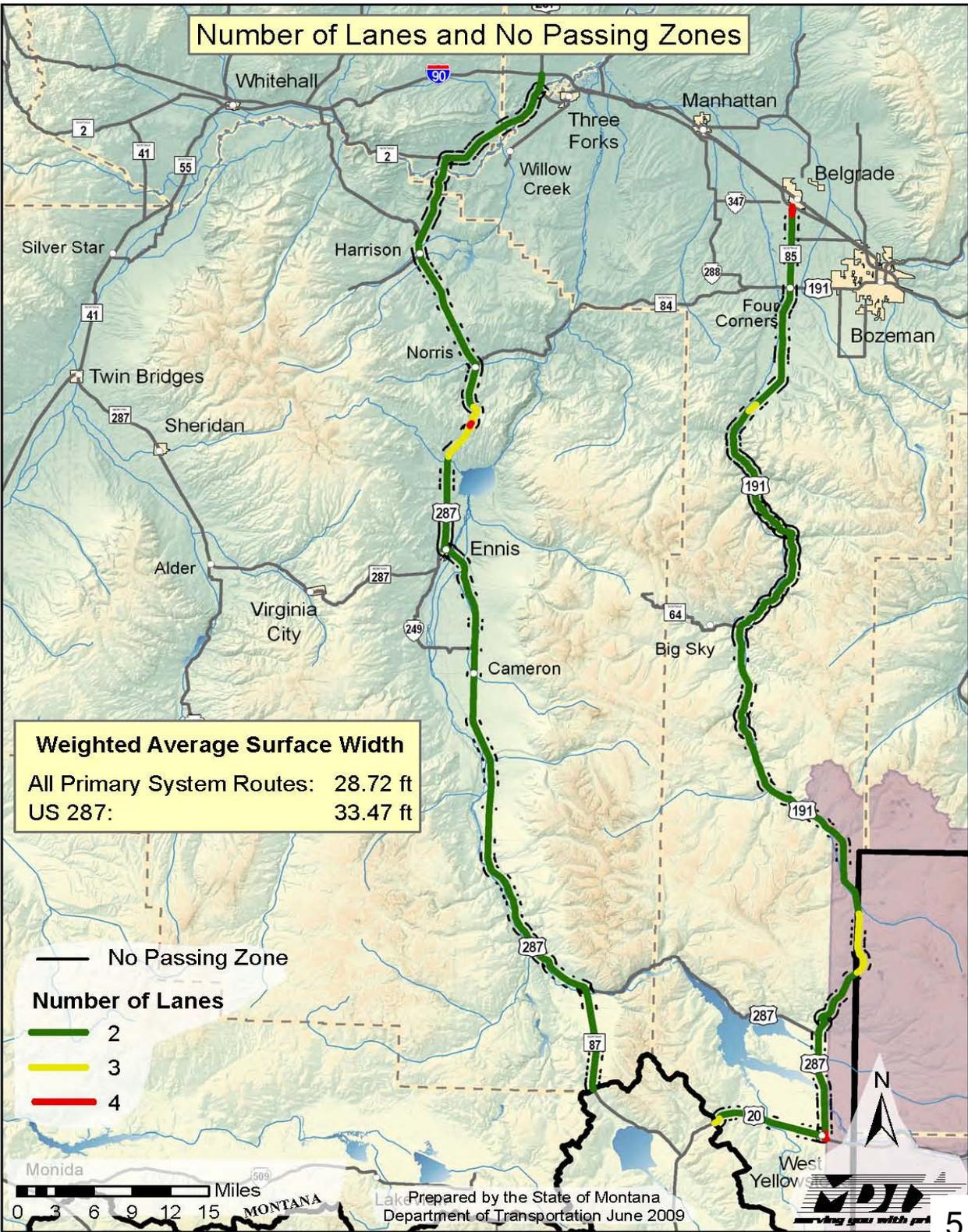
- **US 287** – (From Raynolds Pass via MT 87 and US 287 to west Three Forks interchange-exit 274).
 - Corridor length in Montana: 97 miles.
 - Length from Idaho Falls: 200 miles.

Other Corridors

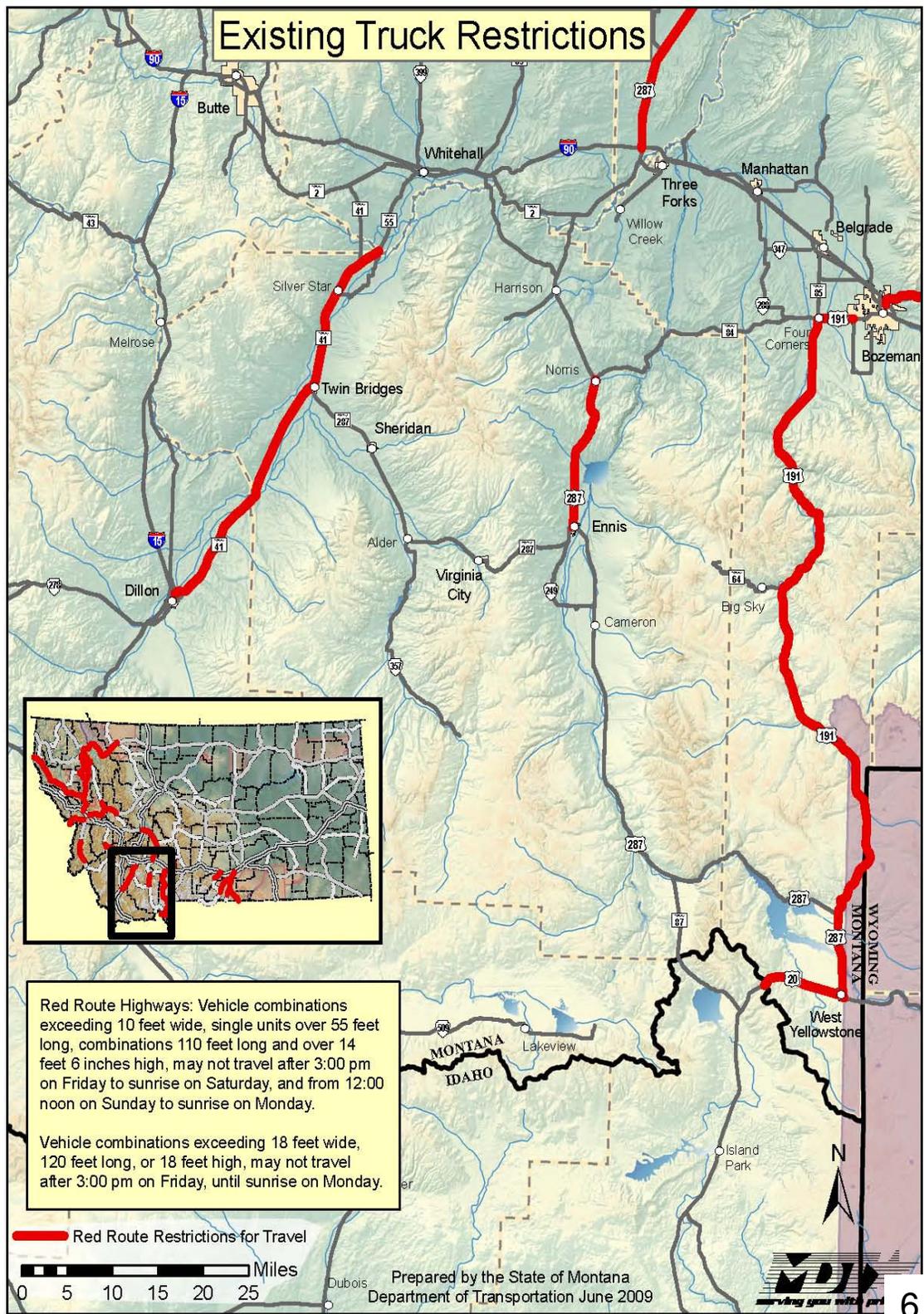
- **I-15 / I-90** – (From Monida Pass via I-15 and I-90 to west Three Forks interchange-exit 274).
 - Corridor length in Montana: 176 miles.
 - Length from Idaho Falls: 264 miles.
- **US 191** – (*From Targhee Pass via US 20, US 191, MT 85, to west Three Forks interchange-exit 274*).
 - *Corridor length in Montana: 128 miles.*
 - *Length from Idaho Falls: 227 miles.*



Number of Lanes and No Passing Zones



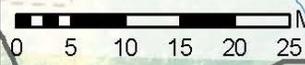
Existing Truck Restrictions



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 18 feet wide, 120 feet long, or 18 feet high, may not travel after 3:00 pm on Friday, until sunrise on Monday.

 Red Route Restrictions for Travel

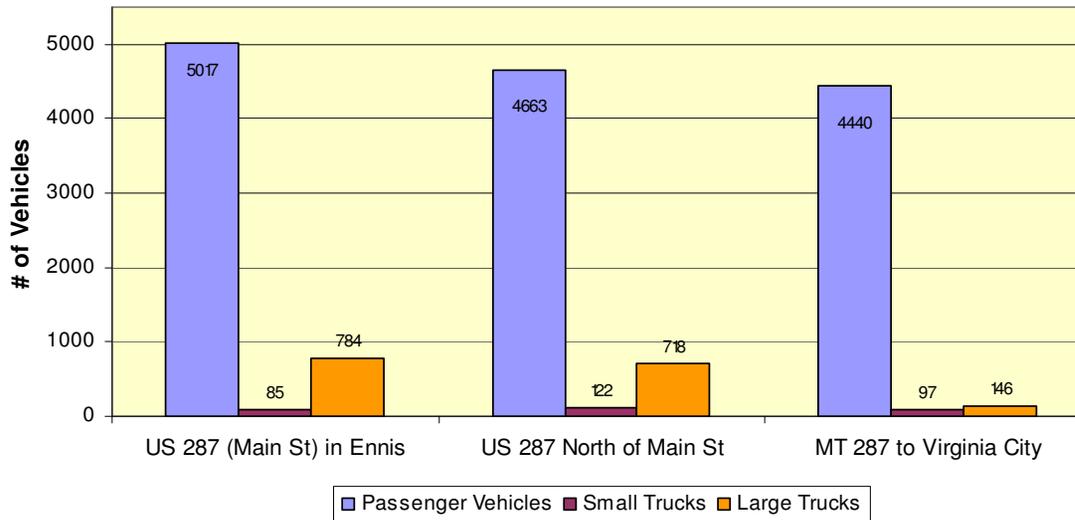


Prepared by the State of Montana
Department of Transportation June 2009

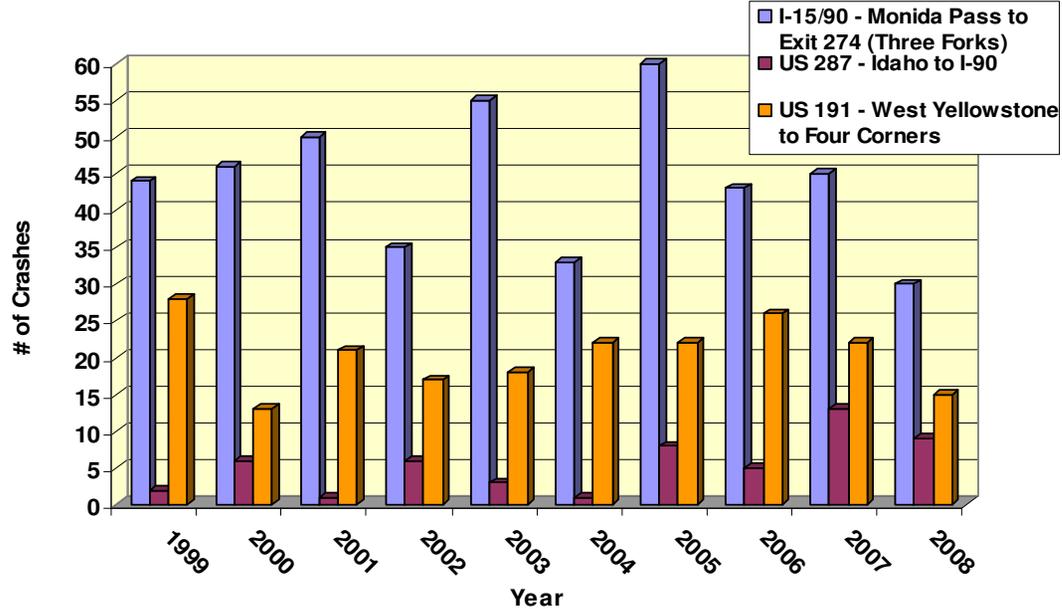


Number of Passenger Vehicles vs Trucks in Ennis

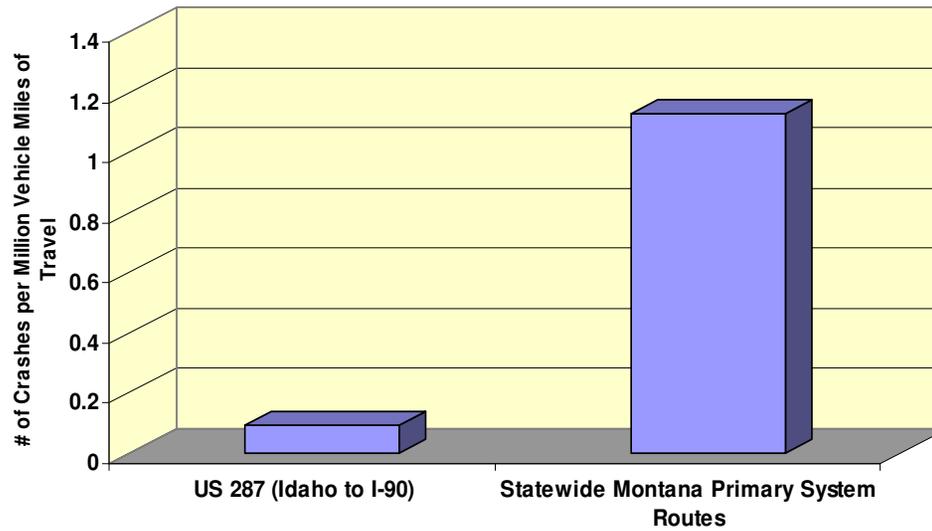
May 12 & 13, 2009 (24 hours)



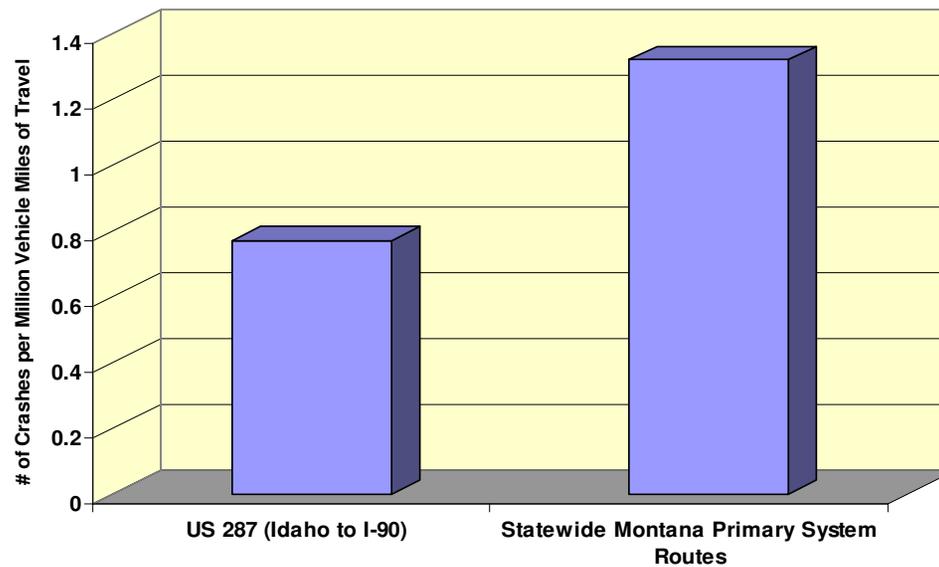
TRUCK CRASHES



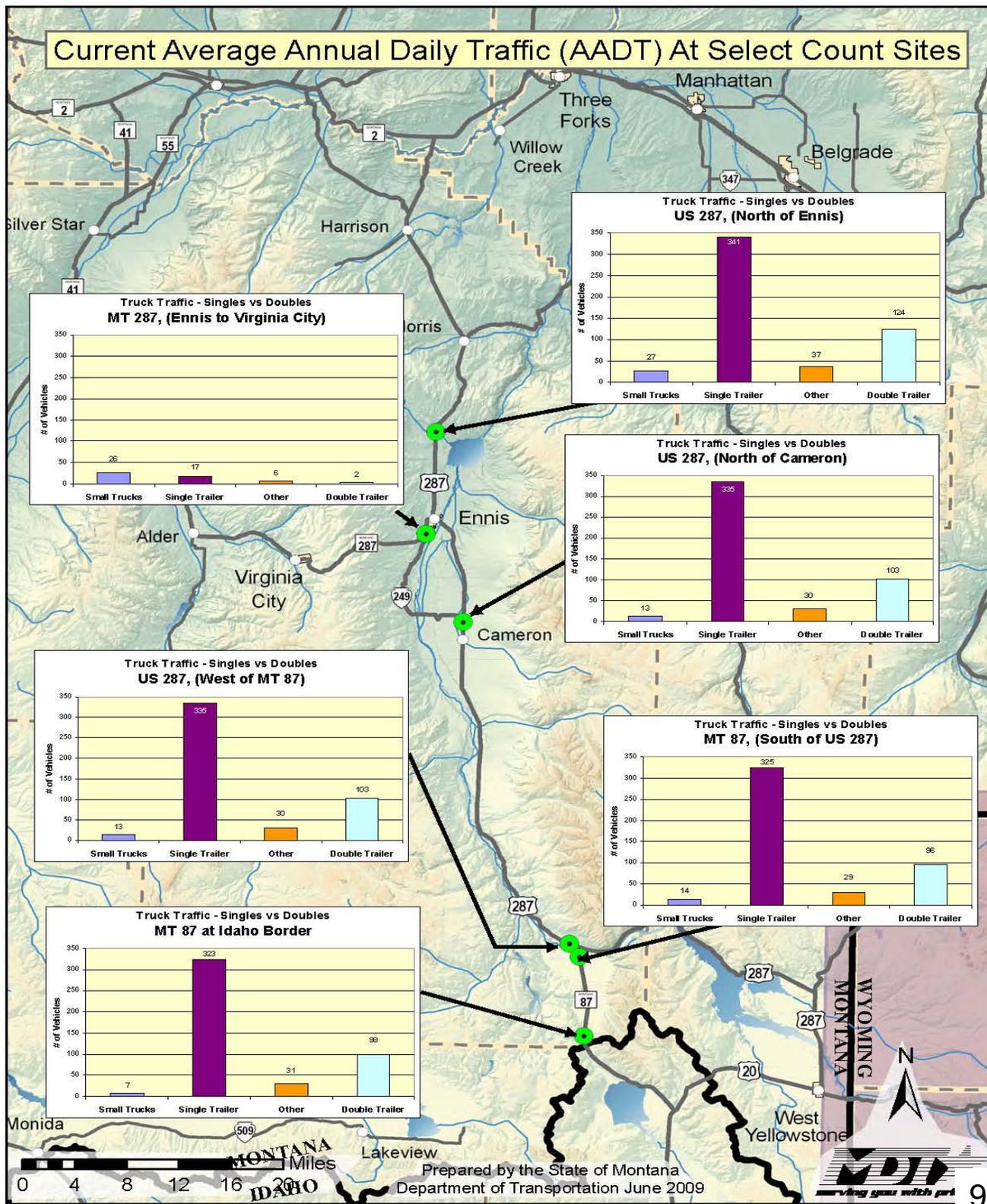
Truck Crash Rate
2003 - 2007



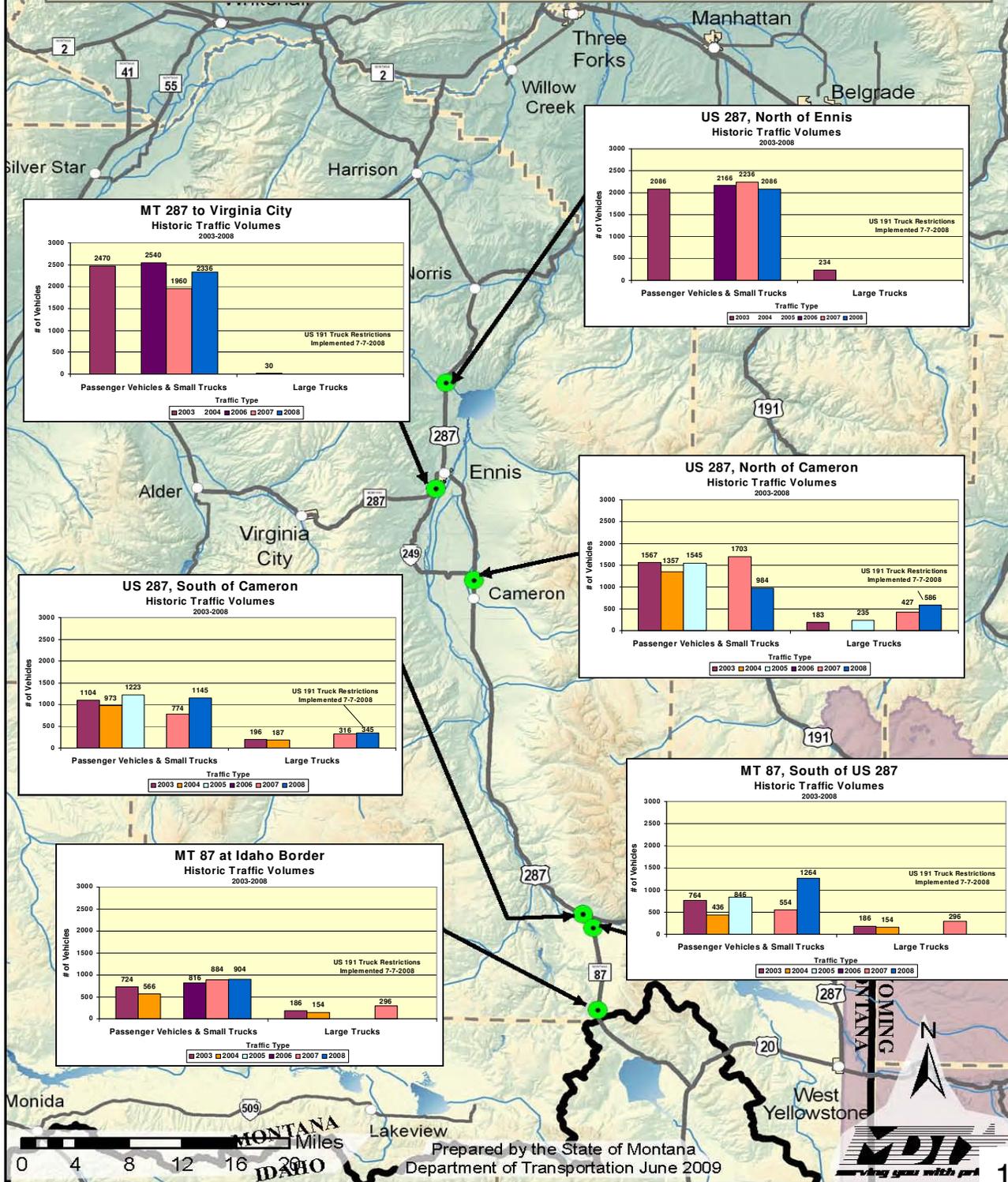
All Vehicles Crash Rate
2003 - 2007



Current Average Annual Daily Traffic (AADT) At Select Count Sites

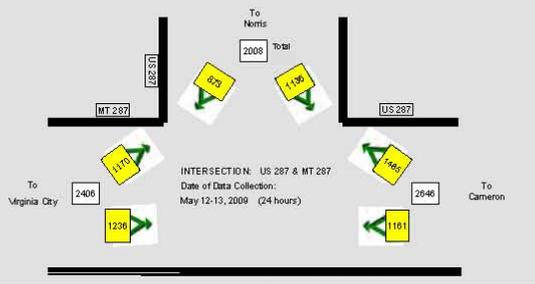


Historic Average Annual Daily Traffic (AADT) At Select Count Sites

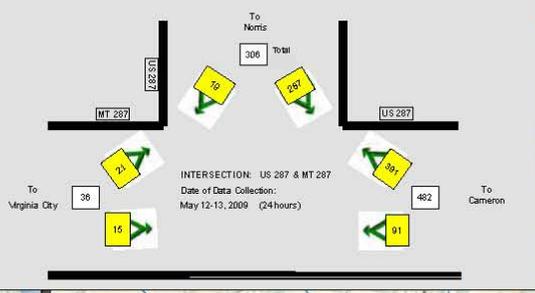


Turning Movements

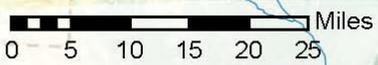
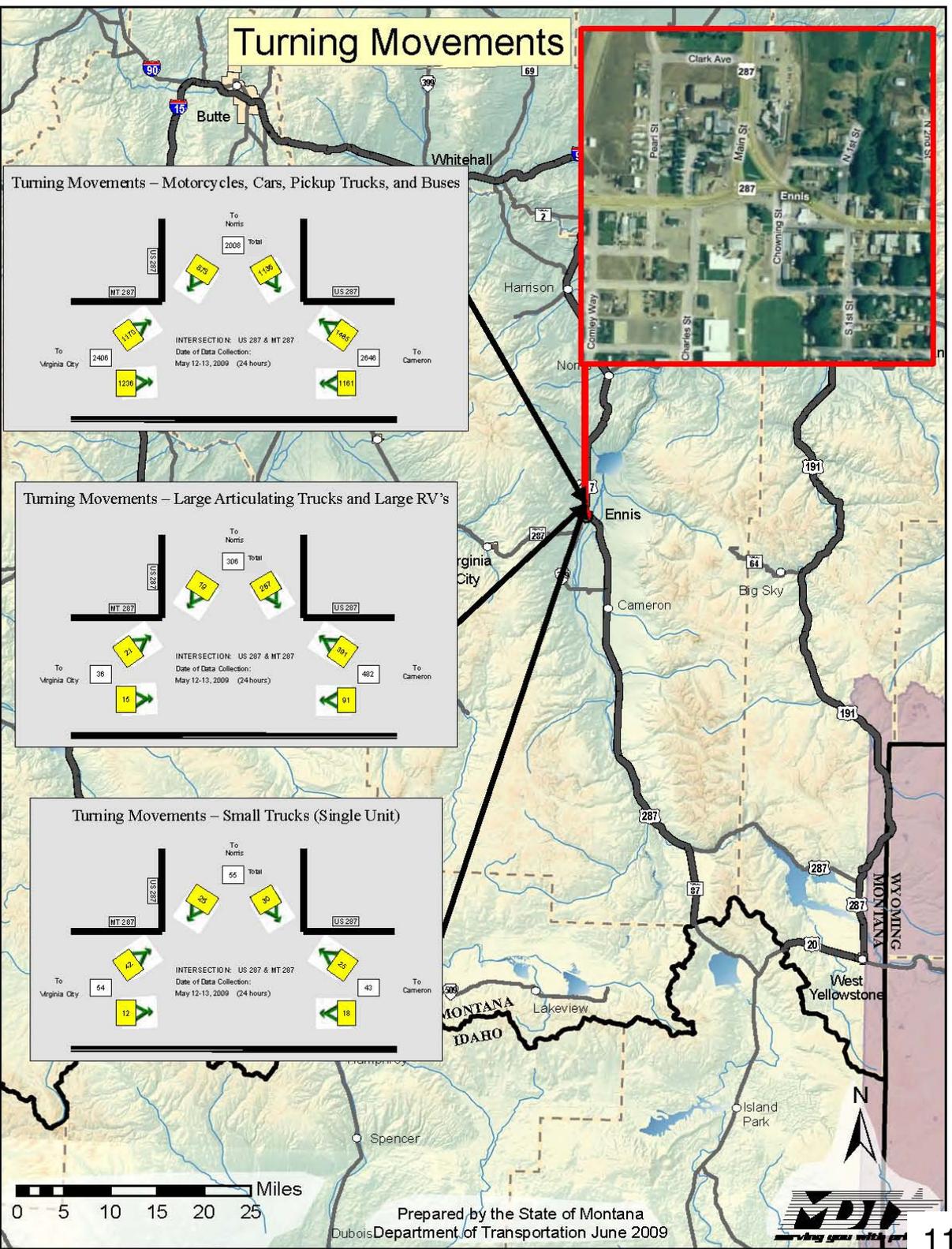
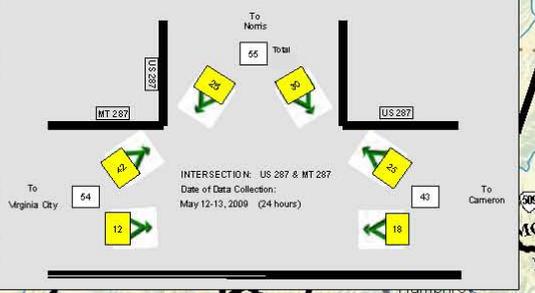
Turning Movements – Motorcycles, Cars, Pickup Trucks, and Buses



Turning Movements – Large Articulating Trucks and Large RV's



Turning Movements – Small Trucks (Single Unit)



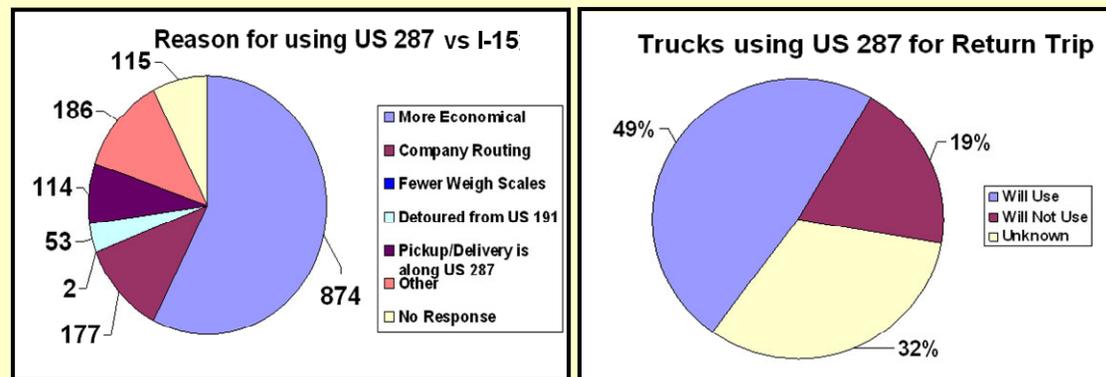
Truck Traffic Origin / Destination Survey

- 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

Truck Survey Results

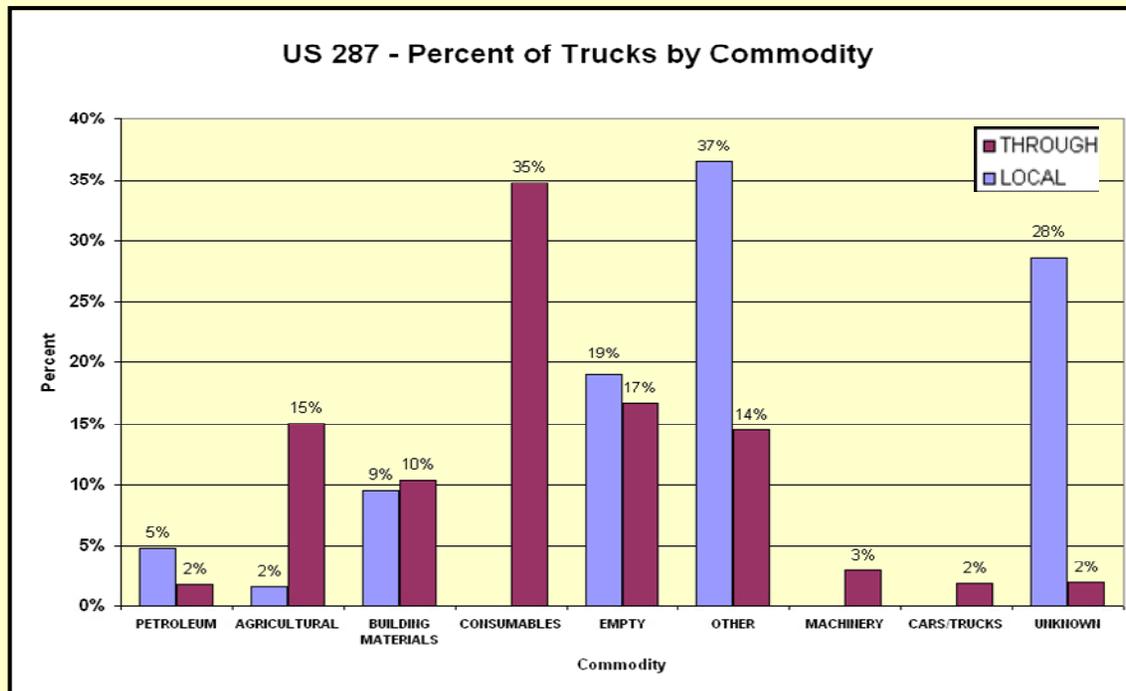
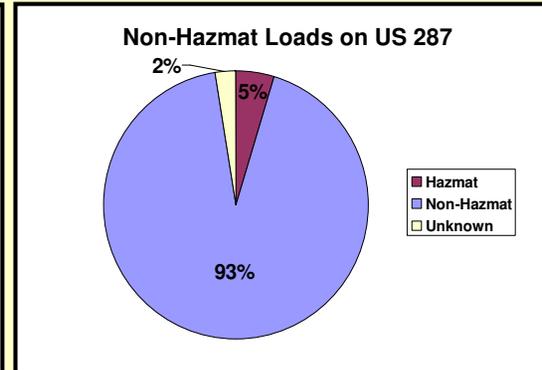
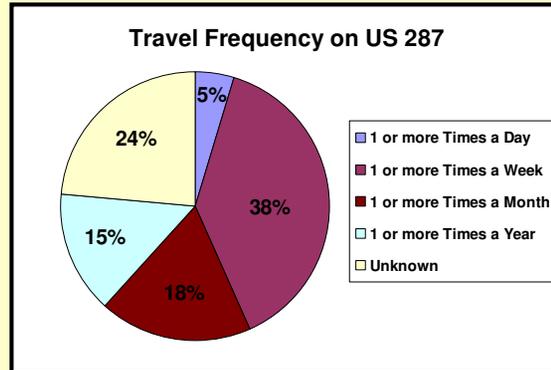
May 16, 19, 21, 2009

- 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.



Truck Survey Results

May 16, 19, 21, 2009



Study Corridors

US 287 Corridor

US 287 Corridor – MT 87 (Idaho) to I-90/US 287 Junction

Distance: 200 miles
 Travel Time: 4 hours
 Fuel used: 31.5 gallons
 Fuel cost: \$73.72
 MPG: 6.415

Average of north and southbound data

Interstate Corridor

I-15/90 Corridor – Idaho to I-90/US 287 Junction

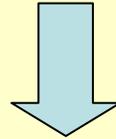
Distance: 264 miles
 Travel Time: 4 hours 22 minutes
 Fuel used: 47.5 gallons
 Fuel cost: \$111.34
 MPG: 5.564

Average of north and southbound data

Miles

0 4 8 12 16 20

**For questions, comments, or to
provide input**



Please contact:

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THANK YOU