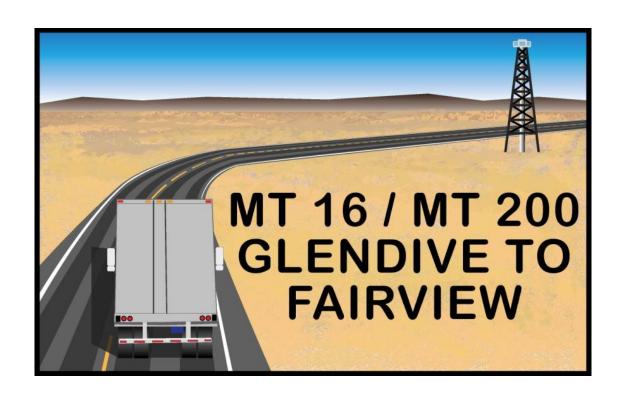


# Appendix A

Public and Agency Participation Materials



# MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

# **PUBLIC AND AGENCY PARTICIPATION PLAN**

### **PREPARED FOR:**



### **PREPARED BY:**



104 East Broadway, Suite G-1 P.O. Box 1009 Helena, Montana 59624 (406) 442-0370

March 2012



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# 1.0 INTRODUCTION

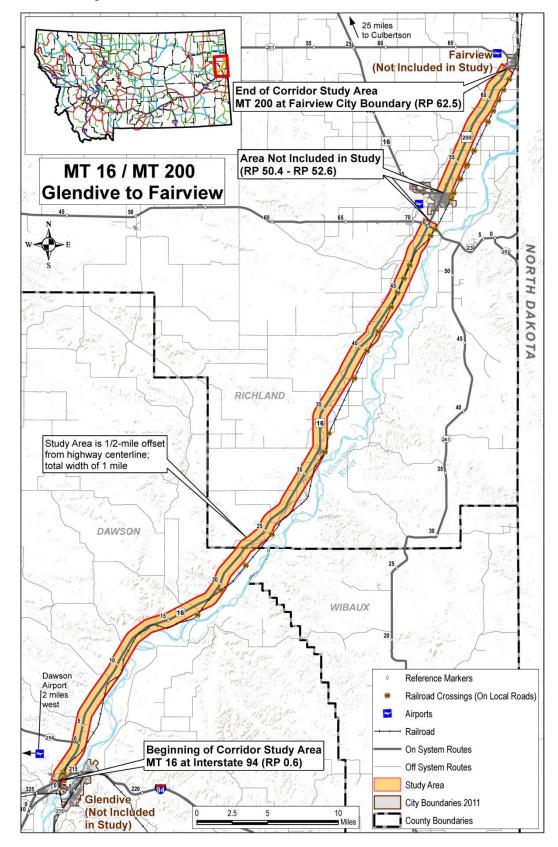
The Montana Department of Transportation (MDT) has initiated a corridor planning study between Glendive and Fairview on MT Highway 16 (MT 16) and MT Highway 200 (MT 200) in Dawson and Richland Counties. The study will address traffic and safety concerns caused by increasing truck volumes associated with growth in the oil industry in the Bakken region in northeastern Montana and northwestern North Dakota.

This corridor planning study will examine the geometric characteristics, crash history, and existing and projected operational characteristics of MT 16 / MT 200, as well as physical conditions, land uses, and environmental resources within the planning corridor. The planning effort will recommend short-, mid- and long-term improvement options to address corridor issues and concerns. These recommendations will assist MDT in targeting the most critical highway needs and allocating resources appropriately.

# 1.1 Study Area

This study will focus on the portion of MT 16 beginning at approximate Reference Post (RP) 0.6 just north of the I-94 Interchange in Glendive and extend northeasterly to the intersection of County Road 123 (RP 50.4) south of Sidney. The study will resume at Sidney's northern city limit boundary (RP 52.6) north of the MT 200 intersection with Holly Street, and extend northeast on MT 200 to the Fairview city limits (RP 62.5). The study excludes areas within the city limits of Glendive, Sidney, and Fairview. The study area is illustrated in Figure 1-1.

Figure 1-1 Study Area





# 1.2 Goals of Participation Plan

Public participation and consultation with federal, state, and local agencies are key elements in the corridor planning study process. Throughout the corridor study process, MDT provides opportunities for resource agencies, stakeholders, and members of the public to participate and provide input on needs, issues, and concerns.

# 2.0 PUBLIC AND AGNECY PARTICIPATION

# 2.1 Study Contacts

Contact information for MDT and the Consultant will be provided in all published materials and is also listed below.

### Shane Mintz, MDT Glendive District Administrator

Montana Department of Transportation (MDT)
Glendive District Office
PO Box 890
Glendive, MT 59624
406.442.0370
smintz@mt.gov

#### Carol Strizich, MDT Project Manager

Montana Department of Transportation (MDT) Statewide and Urban Planning 2960 Prospect Avenue PO Box 201001 Helena, MT 59620-1001 406.444.9240 cstrizich@mt.gov

### Sarah Nicolai, Consultant Project Manager

DOWL HKM P.O. Box 1009 Helena, MT 59624 406.442.0370 snicolai@dowlhkm.com

February 2012 Page 3





### 2.2 Print Media

Meeting announcements will be developed by DOWL HKM and advertised by MDT at least two weeks prior to informational meetings. Advertisements will announce the meeting location, time, and date; the format and purpose of the meetings; and the locations where documents may be reviewed (if applicable). The following print newspapers will carry display advertisements:

• The Glendive Ranger Review

Sidney Herald

### 2.3 Radio and Television

MDT may announce informational meetings on local radio and television stations. Specific media outlets will be identified during the study, as appropriate.

# 2.4 Document Availability

### 2.4.1 Newsletters and Meeting Materials

DOWL HKM will develop two newsletters during the course of the study. The first newsletter will be issued before the first informational meeting and will introduce the study and describe its purpose, illustrate the study area and study components; and describe key findings from the Existing and Projected Conditions Report. The second newsletter will be distributed before the second informational meeting and will present recommendations from the Draft Corridor Study Report, including recommended improvement options within the highway corridor. DOWL HKM will also develop meeting materials for each set of informational meetings, including agendas, static exhibits, and other presentation materials. Print copies of newsletters and meeting materials will be available at the informational meetings for this study. MDT will publish electronic versions of newsletters and meeting materials on the study website. Print copies of newsletters will also be mailed to a limited distribution.

### 2.4.2 Reports

MDT will publish electronic versions of reports on the study website. Print copies of the Draft Corridor Planning Study Report will be available at the MDT Statewide and Urban Planning Section Office (2960 Prospect Avenue; Helena, MT). It is anticipated that print copies of this report will also be made available at the following locations.

February 2012 Page 4



### MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

**Public and Agency Participation Plan** 

- MDT Glendive District Office (503 North River Avenue; Glendive, MT)
- Glendive Public Library (200 South Kendrick; Glendive, MT)
- Sidney Public Library (121 3<sup>rd</sup> Avenue Northwest; Sidney, MT)
- City of Glendive Public Works (300 South Merrill Avenue; Glendive, MT)

# 2.5 Meetings

## 2.5.1 Team Meetings

Team meetings will be scheduled every two weeks for the duration of the six-month study period. Meeting participants will discuss study progress, analysis methodologies, and any issues or concerns that arise during the study. The team will serve in an advisory role and will review study documentation prior to publication. Team members are listed in Table 2.1

Table 2.1 Team Members

Name	Affiliation	Phone Number	Email
Don Steppler	Richland County Commissioners, Chairman	406.433.1706	dsteppler@richland.org
Marcy Hamburg	Richland County Planner	406.433.6886	mhamburg@richland.org
Jim Skillestad	Dawson County Commissioner	406.345.4101	skillestadj@dawsoncountymail.com
Wade Humphries	Dawson County Planner	406.345.4139	humphriesw@dawsoncountymail.com
Jeff Patten	FHWA Operations Engineer	406.441.3917	jeff.patten@dot.gov
Shane Mintz	MDT Glendive District Administrator	406.345.8212	smintz@mt.gov
Keith Bithell	MDT Glendive District	406.345.8215	kbithell@mt.gov
James Frank	MDT Glendive District	406.345.8214	jfrank@mt.gov
Carol Strizich	MDT Statewide and Urban Planning	406.444.9240	cstrizich@mt.gov
Tom Atkins	MDT Environmental Services Bureau	406.444.7202	tatkins@mt.gov
Danielle Bolan	MDT Traffic and Safety Bureau	406.444.7295	dbolan@mt.gov
Stan Brelin	MDT Traffic and Safety Bureau	406.444.6135	sbrelin@mt.gov
Jean Riley	MDT Statewide and Urban Planning	406.444.9456	jriley@mt.gov
Zia Kazimi	MDT Statewide and Urban Planning	406.444.7252	zkazimi@mt.gov

County public works officials will also be invited to participate in team meetings.



### 2.5.2 Stakeholders

DOWL HKM will develop a list of stakeholder contacts, including representatives from local businesses and agencies. Potential stakeholders were contacted via telephone in February and March 2012 to encourage attendance at informational meetings and seek input on issues and concerns within the study corridor. The following businesses and agencies will be included in the initial stakeholders list. Additional stakeholders may be added as the study progresses.

- MT Legislature HD 38 Representative
- Colorado Tube and Pipe (CTAP)
- Sidney Sugars, Inc
- CHS, Inc. BNSF Grain Elevator #2358
- Richland County Sheriff
- Dawson County Sheriff
- Dawson Rural Fire Department
- Richland County Ambulance Service
- Glendive Chamber of Commerce and Agriculture
- Sidney Chamber of Commerce and Agriculture
- Fairview Chamber of Commerce and Agriculture
- Glendive School District
- Sidney Public Schools
- Fairview Schools
- Dawson Community College
- Cross Petroleum Services, Inc.
- Fisher Sand & Gravel
- Iba Drilling Company, Inc.
- Nabors Well Services

- Williston Basin Interstate Pipe Co.
- Old Dominion Freight Line, Inc.
- Mitchell's Oil Field Service, Inc
- Hi-Line Trucking
- Eagle Oil Field Service
- PB Oil, LLP
- St Mary Land & Exploration Company
- XTO Energy
- Lower Yellowstone Irrigation Project
- CHS Farmers Elevator
- Yellowstone Livestock
- Mondak Trucking, Inc.
- Rick Partin Trucking
- Old Dominion Freight Line, Inc.
- Wildcat Trucking LLC
- Macgrady Cody Trucking
- Golden Eagle Trucking, Inc.
- Tvedt Trucking, Inc.
- Bacon Trucking
- C W Molloy Trucking
- Westmoreland Coal Company

### MT 16 / MT 200 Glendive to Fairview Corridor Planning Study



**Public and Agency Participation Plan** 

### 2.5.3 Informational Meetings

Two sets of informational meetings will be held during the course of the study. Meetings will be held in Glendive and Sidney, MT.

During the first set of informational meetings, the Consultant will introduce the study, present findings from the Existing and Projected Conditions Report, and solicit feedback about issues and concerns in the corridor.

The second set of informational meetings will occur toward the end of the study process. Members of the public will be asked to provide feedback on recommended improvement options presented in the Draft Corridor Study Report.

Comments will be considered throughout the course of the planning process. Individuals who attend informational meeting will be added to the study mailing list.

## 2.5.4 Resource Agency Meeting

At the time of the first informational meeting, the Consultant will facilitate a separate resource agency meeting to discuss natural resources occurring within the highway corridor, anticipated impacts that could result from improvement options, and potential mitigation strategies. This meeting will be conducted using web conferencing software Go-To-Meeting and MDT's polycom teleconferencing system.

# 2.6 Consideration of Traditionally Underserved Populations

MDT will attempt to involve traditionally underserved segments of the population in the corridor planning study process through the following measures:

#### Plan Meeting Locations Carefully

• MDT will host informational meetings in locations that are accessible and compliant with the Americans with Disabilities Act (ADA).

#### Seek Help from Community Leaders and Organizations

 MDT and the Consultant will confer with community leaders and representative organizations about how best to involve traditionally underserved populations.



### MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

**Public and Agency Participation Plan** 

### Be Sensitive to Diverse Audiences

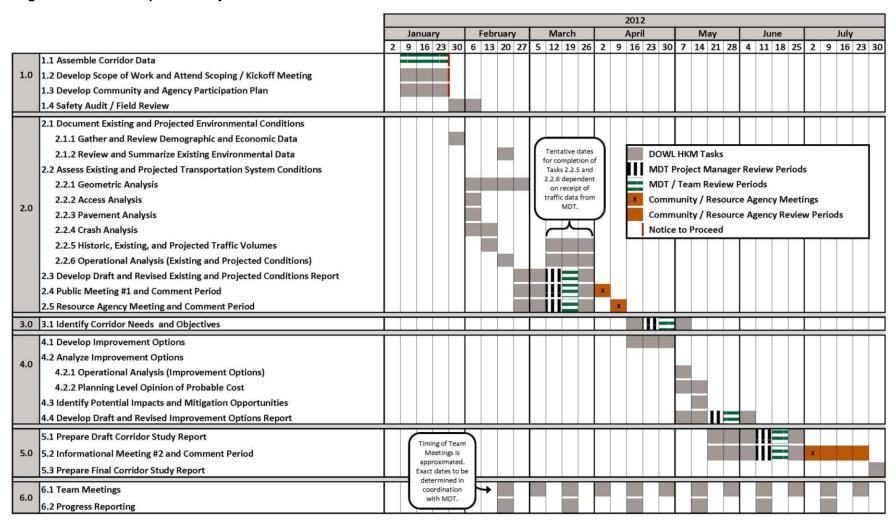
 MDT and the Consultant will attempt to communicate as effectively as possible during informational meetings by avoiding technical jargon and exercising appropriate conduct and judgment. Alternative accessible formats of study materials will be provided upon request.

# 2.7 Study Schedule

The MT 16 / MT 200 Glendive to Fairview Corridor Planning Study began on January 23, 2012 and is expected to be completed by the end of July 2012. Figure 2-1 illustrates the anticipated study schedule.



Figure 2-1 Anticipated Study Schedule





MT16/MT200 Glendive to Fairview
Corridor Study
Wednesday, April 4, 2012 6:00 p.m.
Dawson Community College, 300 College Dr.,
Lecture Hall (UC 102), Glendive
Thursday, April 5, 2012 6:00 p. m.
Sidney High School cafeteria

Agenda format will be the same for both meetings

1012 4th Ave. SE, Sidney

MDT will discuss the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study. The study area begins on MT 16 at approximate Reference Post (RP) 0.6 at the I-94 Interchange in Glendive and extends northeasterly to the intersection of County Road 123 (RP 50.4) south of Sidney. The study resumes at Sidney's northern city limit boundary (RP 52.6) north of the MT 200 intersection with Holly Street, and extends northeast on MT 200 to the Fairview city limits (RP 62.5). The study excludes areas within the city limits of Glendive, Sidney, and Fairview. The purpose of the meetings is to inform the community about the scope and purpose of the corridor study, present information about existing and projected conditions, and request community feedback about opportunities and constraints that may influence development of improvement options.

The meetings are open to the public and the public is urged to attend either meeting. MDT attempts to provide accommodations for any known disability that may interfere with a person's participation in any department service, program or activity. For reasonable accommodations to participate in this meeting, please contact Sarah Nicolai at (406) 442-0370 at least two days before the meeting. For the hearing impaired, the TTY number is (406) 444-7696 or 1-800-335-7592, or call Montana Relay at 711. Alternative accessible formats of this information will be provided upon request.

Comments may be submitted in writing at the meeting; by mail to Sarah Nicolai, DOWL HKM, P.O. Box 1009, Helena, MT 59624; by email to snicolai@dowlhkm.com; or online at

http://www.mdt.mt.gov/pubinvolve/mt16/comments.shtml

Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study.

From: Grant, Paul

To: ASHTO; KGLE-AM (E-mail); KXGN Radio & TV - Emile Boyles - Anchor; KXGN-Emilie Boyles; KXGN-TV/KDZN-

FM/KXGN-AM; Ranger Review (E-mail); KGCX-FM; KTHC-FM; Sidney Herald; The Roundup; The Searchlight Nicolai, Sarah; Strizich, Carol; Kazimi, Zia; Zanto, Lynn (MDT); Erb, Michelle; Collins, Corrina; Ryan, Lori;

Grant, Paul; Adam Gartner; Douglas Buxbaum; Jim Skillestad; Road Supervisor; Richland County

Commissioners; Road Supervisor

Subject: MDT schedules two informational meetings to discuss the MT 16/MT 200 Glendive to Fairview Corridor Planning

Study No CN #

**Date:** Monday, March 26, 2012 8:22:04 AM

March 26, 2012

Cc:

#### FOR IMMEDIATE RELEASE

For more information:

Lori Ryan, Public Information, MDT, (406) 444-6821

Informational meetings to discuss the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

Glendive - The Montana Department of Transportation (MDT) is conducting two informational meetings to discuss the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study. The study area begins on MT 16 at approximate Reference Post (RP) 0.6 at the I-94 Interchange in Glendive and extends northeasterly to the intersection of County Road 123 (RP 50.4) south of Sidney. The study resumes at Sidney's northern city limit boundary (RP 52.6) north of the MT 200 intersection with Holly Street, and extends northeast on MT 200 to the Fairview city limits (RP 62.5). The study excludes areas within the city limits of Glendive, Sidney, and Fairview. The informational meetings will be held as follows:

- \* Wednesday, April 4, 2012, starting at 6 p.m. at the Dawson Community College, 300 College Drive, Lecture Hall (UC 102) in Glendive, MT
- \* Thursday, April 5, 2012, starting at 6 p.m. at the Sidney High School cafeteria, 1012 4th Avenue SE, Sidney, MT

Both meetings will have the same agenda and will follow the same format.

The purpose of the meetings is to inform the community about the scope and purpose of the corridor study, present information about existing and projected conditions, and request community feedback about opportunities and constraints that may influence development of improvement options.

Community participation is a very important part of the process, and the public is encouraged to attend. Comments may be submitted in writing at the meeting; by mail to Sarah Nicolai, DOWL HKM, P.O. Box 1009, Helena, MT 59624; by email to snicolai@dowlhkm.com; or online at

#### http://www.mdt.mt.gov/pubinvolve/mt16/comments.shtml

Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study.

MDT attempts to provide accommodations for any known disability that may interfere with a person's participation in any service, program or activity of our department. If you require reasonable accommodations to participate in this meeting, please call Sarah Nicolai at (406) 442-0370 at least two days before the meeting. For the hearing impaired, the TTY number is (406) 444-7696 or 1-800-335-7592, or call Montana Relay at 711. Alternative accessible formats of this information will be provided upon request.

-----END-----

Project name: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

Dawson and Richland Counties



Wednesday, April 4, 2012 Glendive, MT

		Olehaive, Wil	
Name:	Address:	City, State, ZIP Code	E-mail:
Carol Strizich	2960 Prospect Ave	Helena	Cstrizich om7. gov
John Donne	268 RJ 521	Bloomfield 5.9315	calandoane@midrivers.com
Live Borg	11 FAJ 254	Glepdive 59330	LivoBerg @Midvivers, com
Danielle Bolan	2101 Prospect Are	Hekna	abolan @ mt. gov
KEITH BITHELL	503 NRIVER AVE	GENDINE 59330	KONTHELL PONT. gov
JIM FRANK	MAT Glendine	Glendire 59330	jtrank@mt.gov.
Stan Brelin	2701 Prospect AVE	Heleny 59620	streling mt.gov
Steve Heidner	320 Juniper Ave. &	Glendiue 59330	sheidner@mt-gov.
Ada AN Garther	539 Hwy # 10	Gland ivi 54370	garinera Oduvroncountly Mail, Com
Make	419 N/M KADC	Gled 89330	<u> </u>
RICH ROWLE	HUB COLORADO BIVA	(alim)11/5 59336	richrado @ midrivors.com
PAUL EIKER	557 Ro 261	Glenoive 59330	Paul-eiker @ gmail, com
Mary to Gehacit	207 is Bell	Glendu 59336	getinertanja dawwecountymant, con
Linda R. Jones	1120 N River Rd	Glendive 59330	A
Rep. Matt Bosendale	1954 Hwy. 16	Glendine 59330	matt rosendale @ midrivers. com
Shawn Conradsen	34187 Courty Rd 107	Javoge 55262	
Marlene Erker	557 Rd 261	Glendie 59330	mmeiker eyahoo.com
JACK Stick	622 N. SARGENT	GLENDINE 59330	rice ja midrivers.com
ayor Jerry Jimison	603 Regal St.	GLENDINE 59330 Glendine 59330	rice ja midrivers.com mayoramidrivers, Com
Burk			Newsdost COKXO, VICOs
Jerry Trangma	215 Ist St HP	GLENDING 59330	







Wednesday, April 4, 2012 Glendive, MT

Name:	Address:	City, State, ZIP Code	E-mail:
David Helvorson	104 3101 St SE	SIDNON MT 59270 GLENDIVE MT 59330	dphalvorson4hd37@gmail.com
Patty Patterson	PO BOX 826	GLENDIVE MT S9330	
**************************************			







Thursday, April 5, 2012 Sidney, MT

Name:	Address:	City, State, ZIP Code	E-mail:
Danielle Bolan	2701 Prospect Ave.	Helena	abolane nt. gov
Stan Brelin	2701 Prospect AVE	Heling	Streling Mt. gov
Terry Meldahl	1333 Mth St SW	Sidney	meldahla midrivers
Duane Mitchel	121 St. LINCULN AUR	Sidney	duane. mitchell @ mitchells oil Field com
Cavol Strizich Bill NANKIVEL	2960 Prospect Ave	Helena	CStrizial@MT-gov
BILL NANKIVEL	1365 Arway 200	Fairview 59221	Unantive & hotmanl, com.
Jody Wells Jerry NAVRATIL	PO Box 1207 Sidney	Sidney	Publisher Qesidney, com
DOWN NAVRATIL	12026 7/wy 16	(1)	Jema M2 @ midnivers.co
Butch RENDERS	401 25 AVENE	16	butch deg Qrich hard org







Thursday, April 5, 2012 Sidney, MT

		, ·	
Name:	Address:	City, State, ZIP Code	E-mail:
marcy Hamburg	123 w Mayn ST	Sidney MT	mhamburgorichland, org
Roger Meyer	Box 176 Lamber	MT 59243	surveyor @ midvivery, em
David P. Halvorson	104 3rd stsE	Sidney MT 59270 Glendine, MT	dphalxorson4hd 37@gmail.com
Scot Buerkle	105 Seven Mile Dr.	Clendine MT	scot, byerkle@midrivers.coop
Dow Frang	Box 1046 Sedry	nt 59270	Franc @midrivers (com
Christopher EckNoff	11463 Huy 16 Savage	MT 59262	upland@midrivers.com
That Vans War	JCL 72 ave. SE, S. A.	, M	bill Vas restoral con
Wode VanEvery	709 S. Central Ave	Sidney MT 59270	Schamber a Midrivers, COM
Ry Trupou	217 69	Jan Mi	trumpuer @m.dem con
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Wednesday, April 4, 2012 Glendive, MT

# **AGENDA**

- 1) Welcome and Introductions
- 2) Overview of Corridor Planning Process
- 3) Study Area
- 4) Key Findings from Existing and Projected Conditions Report
  - a) Transportation System
  - b) Demographic and Economic Conditions
  - c) Environmental Resources
- 5) Next Steps

Visit the website at: http://www.mdt.mt.gov/pubinvolve/mt16/







Wednesday, April 5, 2012 Sidney, MT

# **AGENDA**

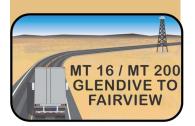
- 1) Welcome and Introductions
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  - b) Demographic and Economic Conditions
  - c) Environmental Resources
- 5) Next Steps

Visit the website at: http://www.mdt.mt.gov/pubinvolve/mt16/





# MT 16 / MT 200 Glendive to Fairview Corridor Planning Study



# What is a Corridor Planning Study?

The Montana Department of Transportation (MDT), in cooperation with Dawson and Richland Counties, is conducting a corridor planning study between Glendive and Fairview on Montana Highway 16 (MT 16) and Montana Highway 200 (MT 200).

Inside this issue:

What is a Corridor 1 Planning Study?

1

4

Please Join Us for an Informational Meeting!

Study Area 2

Key Findings from 3 the Existing and Projected Conditions

Study Schedule 4

How can I stay involved in this study?

Contact Us

A Corridor Planning Study is a planning-level assessment of a study area occurring before project-level environmental compliance activities under the National and Montana Environmental Policy Acts (NEPA/MEPA). MDT developed a corridor planning study process to provide a better link between early transportation planning and environmental compliance efforts. The corridor study process is designed to determine what, if anything, can be done to improve the corridor and to facilitate a smooth and efficient transition from transportation planning to environmental review and potential project development. The process involves conducting a planning level review of safety, operational, and geometric conditions and environmental resources within a corridor to identify needs and constraints. The process also allows for early coordination with members of the community, resource agencies, and other interested stakeholders. This planning process is distinct from a NEPA/MEPA environmental compliance document or any design, right-of-way acquisition, or construction phases that occur during project development.

# Please Join Us for an Informational Meeting!

#### Wednesday, April 4, 2012

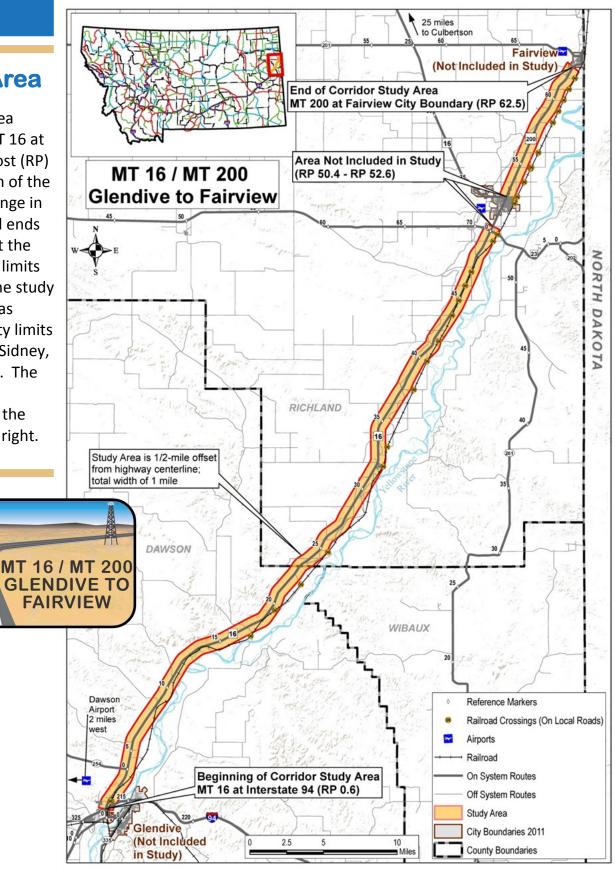
Dawson Community College
Lecture Hall (US 102)
300 College Drive
Glendive, MT
6:00 p.m.

#### Thursday, April 5, 2012

Sidney High School Cafeteria 1012 4<sup>th</sup> Avenue SE Sidney, MT 6:00 p.m. The purpose of the meetings is to present existing and projected conditions information and request feedback. Both meetings will follow the same format. We hope to see you there!

# **Study Area**

The study area begins on MT 16 at Reference Post (RP) 0.6 just north of the I-94 Interchange in Glendive and ends on MT 200 at the Fairview city limits (RP 62.5). The study excludes areas within the city limits of Glendive, Sidney, and Fairview. The study area is illustrated in the figure to the right.



### **Physical Features**

- High pressure natural gas pipelines cross the corridor in seven (7) locations.
- Pavement condition is deteriorated in some locations, with evidence of rutting, transverse cracking, longitudinal cracking, and shoulder failure.

# Key Findings from the Existing and Projected Conditions Report

#### **Geometric Conditions**

- Seven (7) horizontal and thirteen (13) vertical curves do not meet current MDT design standards.
- Guardrail concerns occur in twelve (12) locations.

# **Crash History**

- The corridor crash rate, severity index, and severity rate were similar to or lower than statewide averages for similar facilities from 2006 to 2010.
- Approximately 37% of reported rural crashes involved wild animals, and 12% of reported rural crashes involved large vehicles. Large vehicles include vans, buses, school buses, truck/truck-tractors, motor homes, ambulances, fire trucks, wreckers in transit, and working construction vehicles.

### **Economic Conditions**

- Unemployment in Dawson and Richland Counties is approximately 3% compared to a statewide percentage of 6.6% and a 8.6% national average.
- Analysts expect oil exploration and development in the Bakken to continue for ten to twenty years.
- Due to changes in the size and location of grain loading facilities, haul trucks are often larger, heavier, and travel longer distances from farms to grain elevators, potentially impacting roadway pavement conditions.

#### **Environmental Conditions**

- Prime and important farmlands are located within the study area.
- The study area includes portions of the Yellowstone River, its tributaries, and associated wetlands.
- Hazardous materials sites are located within the study area.
- Six (6) endangered, threatened, proposed or candidate animal species and 45 animal species of concern are expected to occur in Dawson and Richland Counties.
- One plant species of concern is expected to occur in Dawson and Richland Counties.
- Resources within the study corridor include historic irrigation canals, bridges, residences, mining operations and trash deposits, and archaeological sites.



For more information, review the study website at <a href="http://www.mdt.mt.gov/pubinvolve/mt16">http://www.mdt.mt.gov/pubinvolve/mt16</a>

### **Study Schedule** 2012 Assess Environmental, Social and Land Use **Conditions Assess Transportation System Conditions** Develop, **Existing &** Identify Analyze, and (Glendive a d Sidney **Projected** Corridor Recommend **Conditions Report** Needs and **Improvement Objectives Options** Prepare Draft Corridor **Study Report** (Glendive and Sidney **Finalize Corridor Study** Report

# How can I stay involved in this study?

Team Meetings

Please join us for Informational Meetings on <a href="Wednesday">Wednesday</a>, April 4, 2012 at 6:00 p.m.</a> at the Dawson Community College, 300 College Drive, Lecture Hall (UC 102) in Glendive or <a href="Thursday">Thursday</a>, April 5, 2012 at 6:00 p.m. at the Sidney High School Cafeteria, 1012 4<sup>th</sup> Avenue South East in Sidney. To review additional information about the study and to submit comments electronically, visit the study website at <a href="http://www.mdt.mt.gov/pubinvolve/mt16">http://www.mdt.mt.gov/pubinvolve/mt16</a>

### **Contact Us**

### **Shane Mintz**

Glendive District Administrator 406.345.8212 smintz@mt.gov

### **Carol Strizich**

MDT Project Manager 406.444.9240 cstrizich@mt.gov

### Sarah Nicolai

DOWL HKM Project Manager 406.442.0370 snicolai@dowlhkm.com

MDT attempts to provide accommodations for any known disability that may interfere with a person's participation in any department service, program or activity. For the hearing impaired, the TTY number is (406) 444-7696 or (800) 335-7592, or Montana Relay at 711. Alternative accessible formats of this information will be provided upon request.







Wednesday, April 4, 2012

Lecture Hall (UC 102)
Dawson Community College
300 College Drive

Thursday, April 5, 2012

Sidney High School Cafeteria 1012 4th Avenue South East







# Welcome & Introductions







# **Purpose of Meeting**

- Provide Overview of Corridor Planning Study Process
- Present Key Findings from Existing and Projected Conditions Report
  - Transportation System
  - Demographic and Economic Conditions
  - Environmental Resources
- Solicit Input







# A Corridor Planning Study Is:

• A planning-level assessment of a study area

# A Corridor Planning Study Is Not:

- A design, right-of-way acquisition, or construction project
- Environmental compliance document







# **Montana's Corridor Planning Process**

- O Involves conducting a review of safety, operational, and geometric conditions and environmental resources to identify needs and constraints.
- This process allows MDT to:
  - Identify realistic strategies given funding or other constraints
  - Identify fatal flaws before initiation of formal environmental process for any future project forwarded from study





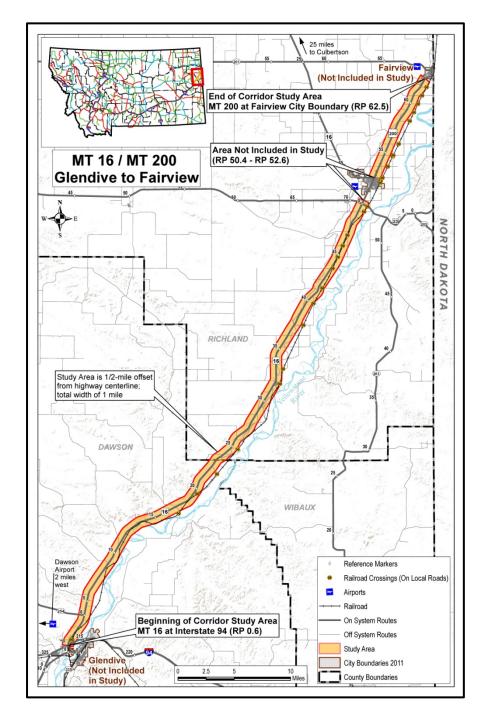


# What are the Steps?

- Assess Existing and Projected Conditions
- Informational Meeting #1 / Resource Agency Meeting
- Indentify Corridor Needs and Objectives
- Develop, Analyze, and Identify Improvement Options
- Prepare Draft Corridor Study Report
- Informational Meeting #2
- Finalize Corridor Study Report









# **Study Area**

- Start Point: MT 16 at approximate Reference Post (RP) 0.6 just north of the I-94 Interchange at Glendive
- End Point: MT 200 at the Fairview city limits (RP 62.5)
- Excludes areas within the city limits of Glendive, Sidney, and Fairview







# **Transportation System**







# **Functional Classification**

- OMT 16 from Glendive to Sidney (RP 0.6 to RP 50.4)
  - Rural Principal Arterial
- **O** MT 200 north of Sidney (RP 52.6 to RP 53.7)
  - Rural Principal Arterial
- OMT 200 north of Sidney to Fairview (RP 53.7 to 62.5)
  - Rural Minor Arterial







# **Physical Characteristics**

# O Roadway Width

MT 16 / MT 200 is a two-lane undivided highway with 12-foot travel lanes and varying shoulder widths. The majority of the corridor has 7 to 8 foot shoulder widths, and the remainder is currently being reconstructed to meet current MDT design standards.

# O Bridges

12 bridges and 4 major culverts occur within the study area.

# O Utilities

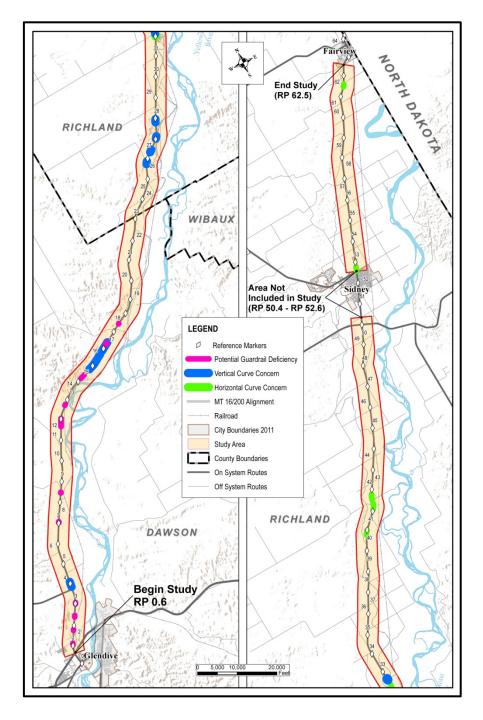
- High pressure natural gas pipelines cross the corridor in seven (7) locations.
- Other pipelines and irrigation canals occur within the study area.

# Pavement Condition

 There is evidence of minor rutting, transverse cracking, longitudinal cracking, and shoulder failure within the study area.







# Geometric Characteristics

- Pink Shading: Clear Zone Issue / Guardrail Concern (12 Locations)
- Blue Shading: Vertical Curve Concern (13 Locations)
- Green Shading: Horizontal Curve Concern (7 locations)

Note: Facility will meet current MDT design standards within limits of ongoing construction project (30 km NE of Glendive – NE, RP 18.6 – RP 28.9)







# **Crash Statistics**

	Rural NINHS		Primary	
Criteria	Statewide Average for Rural NINHS (2006 – 2010)	MT 16 RP 0.6 – RP 50.4 MT 200 RP 52.6 – 53.7 (2006 – 2010)	Statewide Average for Rural Primary Highway (2006 – 2010)	MT 200 RP 53.7 – RP 62.5 (2006 – 2010)
Crash Rate (All Vehicles)	1.04	1.27	1.18	1.16
Severity Index (All Vehicles)	2.09	1.57	2.29	2.03
Severity Rate (All Vehicles)	2.18	1.99	2.71	2.35

O Crash Rate for MT 16 / MT 200 (Rural NINHS) is the only statistic higher than statewide average.

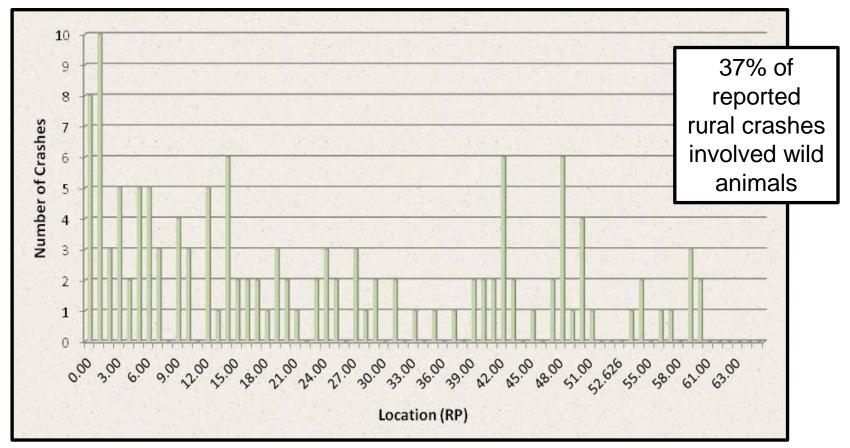
All three metrics are reviewed to identify a concern.







# Crash Statistics: Wild Animals (2006-2011)

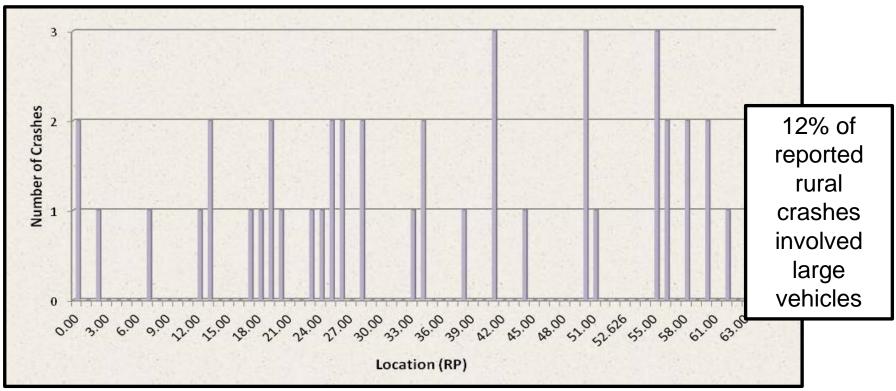








# Crash Statistics: Large Vehicles (2006-2011)



• Large vehicles include vans, buses, school buses, truck/truck-tractors, motor homes, ambulances, fire trucks, wreckers in transit, and working construction vehicles.

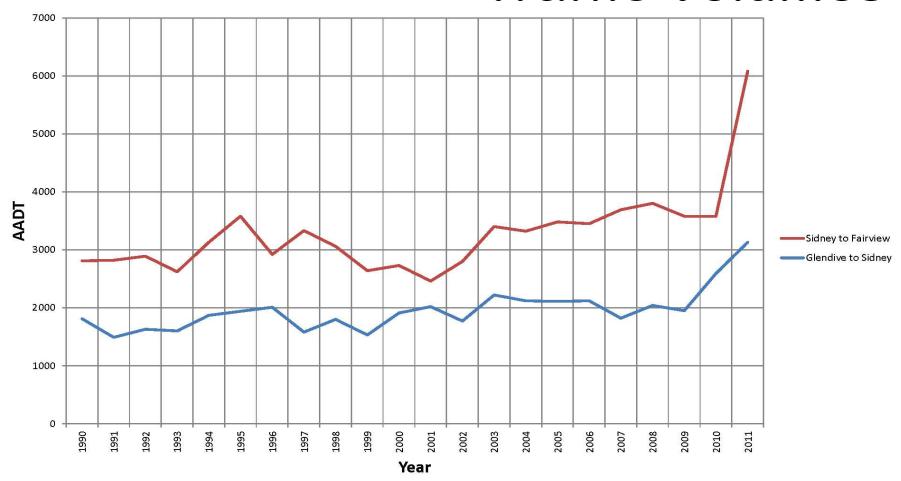






### MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

## **Traffic Volumes**





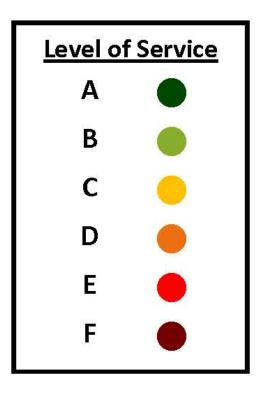




# **Operational Analysis**

- O Level of Service (LOS)
  - Report Card Concept
  - A = Best Conditions
  - F = Worst Conditions
- Existing Conditions (2012)
   and Projected Conditions (2035)

Results pending analysis of traffic volumes collected in March 2012









# Demographic and Economic Conditions

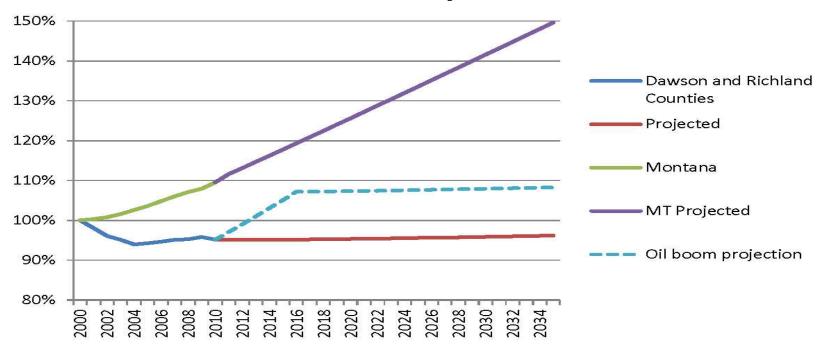






# **Population**

Observed and Projected Population of Montana and the Study Counties (Indexed to 2000)









## **Economic Conditions**

## • Unemployment

Dawson County: 3.1%

Richland County: 2.6%

• Montana: 6.6%

National Average: 8.6%

## • Energy Industry

 Analysts expect oil exploration and development in the Bakken to continue for ten to twenty years

## • Agriculture

 Due to changes in the size and location of grain loading facilities, haul trucks are often larger, heavier, and travel longer distances from farms to grain elevators, potentially impacting pavement conditions.







## **Environmental Conditions**

- O Physical \_
  Environment
- Soil Resources & Farmland
- Water Resources
- HazardousSubstances

- BiologicalResources
- Fish and Wildlife
  - Vegetation

- O Social and Cultural Resources
- Section 4(f) and Section 6(f) Resources
- Noise

Cultural and Archaeological Resources





Condition		Issue / Concern
Transportation System Conditions	Physical Features	Utilities  ■ High pressure natural gas pipelines cross the corridor in seven (7) locations  Pavement Condition  ■ Evidence of minor rutting, transverse cracking, longitudinal cracking, and shoulder failure within study area
	Geometric Conditions	Horizontal Alignment  Seven (7) locations do not meet current MDT standards  Vertical Alignment  Thirteen (13) locations do not meet current MDT standards  Clear Zones  Twelve (12) locations do not meet current MDT standards.
	Crash History	<ul> <li>Wild animals were involved in approximately 37% of rural crashes</li> <li>Large trucks were involved in approximately 12% of rural crashes</li> </ul>



# Issues and Concerns

#### Prime Farmland

Prime and important farmlands are located within the study area

#### Surface Water Impairment

 Within the study corridor, the Yellowstone River is listed in DEQ's Integrated 303(d) / 305(b) Water Quality Report

#### Wetlands

- The study area includes portions of the Yellowstone River, its tributaries, and associated wetlands Hazardous Materials
- USTs, LUSTs and remediation response sites located within study area Floodplains
- The corridor crosses mapped floodplains

#### Fish and Wildlife

• Six (6) endangered, threatened, proposed or candidate animal species and 45 species of concern are expected to occur in Dawson and Richland Counties.

#### Vegetation

- One plant species of concern is expected to occur in Dawson and Richland Counties Cultural and Archaeological Resources
- Resources within the study corridor include historic irrigation canals, bridges, residences, mining operations and trash deposits, and archaeological sites.

#### Section 4(f) / Section 6(f) Resources

Several Section 4(f) and Section 6(f) resources are located within the corridor







# **Recent and Proposed Projects**

- O CT 200 / CR 129 Intersection Signing
  - Sign Installation at MT 200 & County Road 129 (RP 56.9 − RP 57.2) − Completed 2012
- 30 km of Glendive NE
  - Reconstruction of MT 16 (RP 18.6 − RP 28.9) Ongoing
- Sidney Southwest
  - Mill, overlay, and seal and cover rehabilitation project (RP 50.0 RP 52.6) Project let in February 2011
- Slide Repair NE of Glendive/MT 11-1
  - ⊙ Slide repair project (RP 13.0 RP 13.5) Anticipated to start March 2012
- Fairview Intersection Improvements
  - Traffic signal installation on MT 200 and 6<sup>th</sup> and pedestrian crosswalk on Western Avenue (RP 63.1 – RP 63.8) – Anticipated to start May 2013
- SF 119 Glendive Rumble Strips
  - Safety project to install shoulder and centerline rumble strips (RP 1.5 RP 49.9) Anticipated to start May 2013

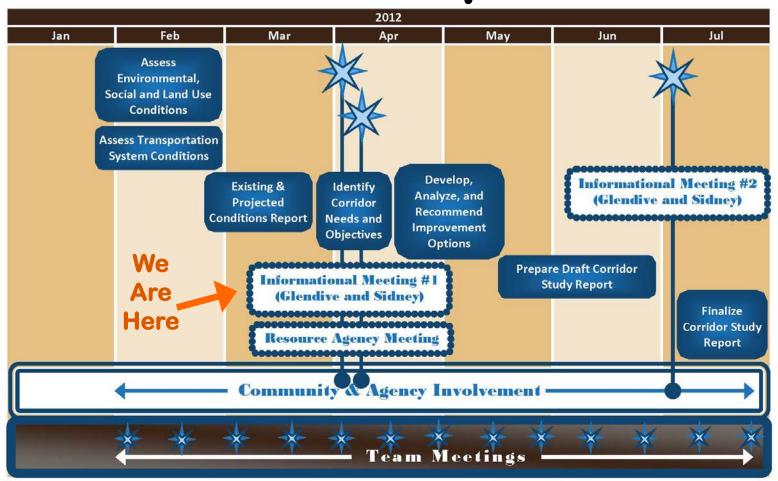






### MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

# **Next Steps**









## **Please Submit Comments!**

- Submit Comment Sheet Tonight
- Submit Comments on Website http://www.mdt.mt.gov/pubinvolve/mt16
- Call or email:

Shane Mintz at 406.345.8212 or smintz@mt.gov Carol Strizich at 406.444.9240 or cstrizich@mt.gov Sarah Nicolai at 406.442.0370 or snicolai@dowlhkm.com

### • Mail comments to:

Sarah Nicolai DOWL HKM PO Box 1009 Helena, MT 59624







#### MEMORANDUM

Physical Address: 104 East Broadway Suite G-1 Helena, Montana 59601 Mailing Address: P.O. Box 1009 Helena, Montana 59624

Phone: (406) 442 - 0370 Fax: (406) 442 - 0377

To: Carol Strizich

MDT Project Manager

From: Sarah Nicolai

DOWL HKM Project Manager

Date: April 12, 2012

Subject: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

**Informational Meeting #1** 

#### Introduction

Informational meetings for the MT 16 / MT 200 Glendive to Fairview corridor planning study were held on April 4, 2012 at the Dawson Community College in Glendive in Lecture Hall UC 102 and April 5, 2012 at the Sidney High School cafeteria. The following team members and MDT representatives attended the meetings.

Carol Strizich	MDT – Planning Division
Danielle Bolan	MDT – Traffic and Safety Bureau
Stan Brelin	MDT – Traffic and Safety Bureau
Jim Frank	MDT – Glendive District
Steve Heidner	MDT – Glendive District
Keith Bithell	MDT – Glendive District
Marcy Hamburg	Richland County Planner
Sarah Nicolai	DOWL HKM
David Stoner	DOWL HKM

Seventeen (17) community members attended the informational meeting held in Glendive and fourteen (14) community members attended the informational meeting held in Sidney. Meeting attendees included Representative Matt Rosendale, Glendive Mayor Jerry Jimison, Richland County Planner Marcy Hamburg, and Richland County Disaster and Emergency Services Coordinator Butch Renders. Copies of the sign-in sheets are provided at the end of this memorandum.

#### **Media Coordination and Newsletter**

The informational meetings were advertised on March 26, 2012 in the Glendive Ranger Review, Sidney Herald, The Sidney Roundup and The Culbertson Searchlight. A press release was emailed to radio

Minutes for Informational Meeting #1 on April 4 and 5, 2012 Page 2

stations, newspapers, and other local media outlets on March 26, 2012. Copies of the display advertisement and press release are provided at the end of this memorandum.

Print copies of the study newsletter were mailed to the study mailing list and the following viewing locations:

- MDT Glendive District Office (503 North River Avenue; Glendive, MT)
- Glendive Public Library (200 South Kendrick; Glendive, MT)
- Sidney Public Library (121 3<sup>rd</sup> Avenue Northwest; Sidney, MT)
- City of Glendive Public Works (300 South Merrill Avenue; Glendive, MT)

A copy of the newsletter is provided at the end of this memorandum.

#### **Presentation**

A presentation was provided by Sarah Nicolai at each meeting. Both informational meetings had the same agenda and followed the same format. The presentation began with an introduction of MDT and DOWL HKM representatives. Sarah explained the corridor planning study process and benefits. The presentation continued with an overview of the study area and analysis locations. Key findings from the Existing and Projected Conditions Report were highlighted, including the transportation system conditions and environmental conditions. The presentation concluded with a summary of issues and concerns within the study corridor and a discussion of recent and proposed MDT projects within the area. A copy of the presentation is provided at the end of this memorandum.

#### **Discussion**

Meeting attendees expressed various concerns within the study corridor during the meeting. Topics of concern are listed below.

#### Safety

- Passing long platoons of vehicles or leap-frogging vehicles
- Unreported near-miss accidents
- Lack of 2011 and 2012 crash data, which may increase the statistical frequency and severity of crashes within the corridor
- Emergency vehicle access and response times

#### **Traffic Volumes**

- High traffic volumes
- High percentage of large vehicles within the traffic stream
- Appropriate growth rate used to project traffic volumes

#### **Enforcement**

- Perceived lack of enforcement
- Perceived enforcement staffing shortages
- Perceived enforcement inability to stop speeding vehicles due to long platoons
- Perceived lack of shoulder to accommodate enforcement vehicles

#### **Speed Limits**

- Speed differential created by different posted speed limits for trucks (60 day / 55 night) and all other vehicles (70 day / 65 night)
- Long platoons forming behind slower moving trucks

#### **Funding**

- Funding availability and allocation
- Existing and additional funding sources

#### **Pavement Conditions**

• Wear and tear on the roadway facility due to the increasing number and weight of large vehicles

#### **Passing Zones**

- Perceived shortage of passing zones
- Perceived unnecessary no passing zones at intersecting roads

#### **Driver Behavior**

• Unsafe passing and following behavior

#### **Project Development Process**

- Basis for project nomination
- Timeframe

Meeting attendees provided various suggestions for the corridor. These are listed below.

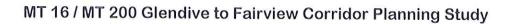
- Elimination of speed differential by creating a single posted speed limit for all vehicles
- Expedited corridor improvements
- Modification of existing construction project (30 KM of Glendive NE) to include passing lanes
- Passing lanes
- Right- and left-turn lanes
- Wider turning radius at intersections
- Expanded passing zones

Minutes for Informational Meeting #1 on April 4 and 5, 2012 Page 4  $\,$ 

- Education campaign targeting unsafe driving habits
- Four-lane configuration within the study corridor
- Coordination with oil companies
- Reconsideration of population projections in light of recent county development permit applications

#### **Written Comments**

Four written comments were received at the meeting in Glendive and four written comments were received at the meeting in Sidney. Additional written comments were received by telephone and email. Copies of written comments are provided at the end of this memorandum.





MDT Invites Your Comments:		
To receive further study information, please provide your name and address:	Please leave your comments with staff at the meeting, or mail to:	
Name:	Sarah Nicolai	
	DOWL HKM PO Box 1009	
Address:	Helena, MT 59624	
	Please indicate comments are for the	
Email: MAYRICE Lyke Truccoscopy	MT 16 / MT 200 Glendive to Fairview Corridor Planning Study.	







DOWL HKM

## **Informational Meeting**

Wednesday, April 4, 2012 Glendive, MT

MDT Invites Your Comments:			
THIS NEED AND EXPEDITING THIS,			
MITION I WOULD LIKE TO			
FROM THIS POINT MOVING FORWARD, RESULTS OF L.O.S.			
RATINGS INCLUDING PERCENT OF LARGE VEHICLES, PERCENT			
Please leave your comments with staff at the meeting, or mail to:			
Sarah Nicolai DOWL HKM			
PO Box 1009 Helena, MT 59624			
Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study.			
1			

DEPARTMENT OF TRANSPORTATION



MDT Invites Your Comments:						
Building ANY NEW ROADS to S	pecs that actually exceen					
Building any New ROADS to specs that actually exceen						
Formost make the speep limits the same for all						
vehicles (cars, trucks, pkps etc.) AND 65 mph is fast						
enough on two lane ROADS. Higher limits on inter-						
states 70-75 mph. This is a safety issue that						
CANNOT be OVER looked						
To receive further study information, please provide your name and address:	Please leave your comments with staff at the meeting, or mail to:					
Name: Paul Eiker	Sarah Nicolai					
	DOWL HKM PO Box 1009					
Address: 557 Rb 261	Helena, MT 59624					
GleNDIVE Mt. 59330	Please indicate comments are for the					
Email: DAUL. ei Ker @ 9 mail. com	MT 16 / MT 200 Glendive to Fairview Corridor Planning Study.					







MDT Invites Your Comments:				
If everybody is traveling at the same agest except on 13 mile creek. I would like it at a speed of 65 miles / how day & might be	of there would be no need for passing laver, to see every one (trucks & Cars) traveling to see if that leavister any of the conjection ?			
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To receive further study information, please provide your name and address:	Please leave your comments with staff at the meeting, or mail to:			
Name: Shawn Conrodsen Address: 34187 County Rd 107	Sarah Nicolai DOWL HKM PO Box 1009 Helena, MT 59624			
Savage MT 59262.	Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study.			







MDT Invites Your Comments:				
Review speed limit approach limit should be reduced for on North of the FAS 254 + MT/1 There is a hill and with So 60/70 mph it is difficult to 1=A5 254 traffic is enter	orng FA5J54 OD ATT/b. Speed coming traffic from FA5J54. b intersection, Approx 1/4-1/2 minuth bound traffic moving at 0 5/0w down when west bounding 1/2 Minuth 1/2 MIT 1/6.			
To receive further study information, please provide your name and address:	Please leave your comments with staff at the meeting, or mail to:			
Name: Lind Borg  Address: 11 1=A5 254  Glendive  Email: Innborg plandrivers, com	Sarah Nicolai DOWL HKM PO Box 1009 Helena, MT 59624  Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study.			





From: <u>Grant, Paul</u>

To: <u>Strizich, Carol; Zanto, Lynn (MDT); Nicolai, Sarah; Kazimi, Zia</u>

Subject: FW: Comment on a Project Submitted

Date: Wednesday, April 11, 2012 10:14:06 AM

-----Original Message-----

From: www@mdt.mt.gov [mailto:www@mdt.mt.gov]

Sent: Wednesday, April 11, 2012 9:47 AM

To: MDT Comments - Project

Subject: Comment on a Project Submitted

A question, comment or request has been submitted via the "Contact Us" web page.

Action Item: Comment on a Project Submitted: 04/11/2012 09:46:42 Project Commenting On: Glendive to Fairveiw

Name: Bob Heick Address Line 1: 724 S Lincoln

City: Sidney State/Province: MT Postal Code: 59270

Email Address: bheick@midrivers.com

Phone Number: 4064886144

#### Comment or Question:

Passing lanes will not work betwen Glendive and Fairveiw--we need enforcement--or take down the speed signs--I was on the road yesterday--it was crazy--truck goeing at least 75--cars 80-85--no enforcement anywhere---

Submitter's IP address: 72.250.137.66

From: Grant, Paul

To: <u>Nicolai, Sarah; Strizich, Carol; Zanto, Lynn (MDT); Kazimi, Zia</u>

Subject: FW: Comment on a Project Submitted

Date: Friday, April 13, 2012 9:04:27 AM

-----Original Message-----

From: www@mdt.mt.gov [mailto:www@mdt.mt.gov]

Sent: Thursday, April 12, 2012 5:40 PM

To: MDT Comments - Project

Subject: Comment on a Project Submitted

A question, comment or request has been submitted via the "Contact Us" web page.

Action Item: Comment on a Project Submitted: 04/12/2012 17:40:18

Project Commenting On: mt16-200 traffic corridor study

#### Comment or Question:

Although a 4 lane is the only thing that would largely solve the issue - it is not likely to happen as it would cost ?100 million. A middle turn lane at major county roads or passing lanes would help - also expensive to institute and time consuming.

It seems the most logical short term solution is to immediately institute and enforce a standard 65mph speed limit for ALL vehicles as is the case in North Dakota. The lower speed limit for trucks in Montana increases unsafe passing maneuvers by passenger vehicles as everyone stacks up behind slow semis and then does unsafe passes. I am highly skeptical that there is quantitative data demonstrating an enhanced safety effect of dual speed limits on two lane roads with high volumes of large commercial vehicles relative to passenger vehicles combined with limited passing opportunities. Do you have any justification for the current dual speed limits? Let trucks go 5mph faster and passenger vehicles 5mph slower. It seems a highly unsafe practice that increases severe accidents when commercial vehicles are dominant and roads are frequently windy and curvy - ala Hwy 16. I travel this road regularly for work to Miles City and it is getting quite scary to drive due to both unsafe passenger vehicle drivers and unsafe truck drivers. Sometimes your only approach is to go on the shoulder to avoid an accident as passing vehicles seem to play "chicken".

Although a warning groove down the center will help sleepy drivers and should be immediately added - it won't help unsafe passing. Increasing the police presence when a dual speed limit exists would help but won't solve the core issue of semis being forced to drive slower than cars.

Submitter's IP address: 74.46.148.234

From: Grant, Paul

To: Mintz, Shane; Frank, James; Nicolai, Sarah; Strizich, Carol; Zanto, Lynn (MDT); Kazimi, Zia

Subject:FW: Comment on a Project SubmittedDate:Thursday, April 12, 2012 12:03:02 PM

-----Original Message-----

From: www@mdt.mt.gov [mailto:www@mdt.mt.gov]

Sent: Thursday, April 12, 2012 11:56 AM

To: MDT Comments - Project

Subject: Comment on a Project Submitted

A question, comment or request has been submitted via the "Contact Us" web page.

Action Item: Comment on a Project Submitted: 04/12/2012 11:55:55
Project Commenting On: mt16-200

Comment or Question:

Something needs to be done here. A three lane or four lane would be something to consider. The amount of traffic is just crazy.

Lowering the speed limit would do no good, people are in too much of a hurry and it would probably cause more problems.

Also the three lane thru Sidney is a disaster. I would like to see that changed back to a 4 lane. The traffic barely crawls through town and when there is an emergency the emergency vehicles cannot get thru town.

Submitter's IP address: 64.89.219.19

From: Grant, Paul

To: Strizich, Carol; Nicolai, Sarah; Zanto, Lynn (MDT); Kazimi, Zia; Mintz, Shane; Frank, James

Subject: FW: Comment on a Project Submitted Date: Thursday, April 12, 2012 11:23:57 AM

-----Original Message-----

From: www@mdt.mt.gov [mailto:www@mdt.mt.gov]

Sent: Thursday, April 12, 2012 11:04 AM

To: MDT Comments - Project

Subject: Comment on a Project Submitted

A question, comment or request has been submitted via the "Contact Us" web page.

Action Item: Comment on a Project Submitted: 04/12/2012 11:03:55
Project Commenting On: mt16-200

#### Comment or Question:

I live in the Sidney Circle Subdivision, 1.5 miles W on HWY 16.

Driving from and to Sidney has become a daily adventure. The Intersection of HWY 16 & HWY 200 has a flashing light and goes from 2 lanes to one lane almost instantly to the south of the light on 200. Only one small sign very near the intersection makes drivers aware of this change. So there are two full lanes headed south and suddenly one of them ends.

Lots of near misses with this situation. For locals, this is not a big deal. The majority (no exaggeration) of the traffic is not

local. At the very least, better signs are needed and the two

lane should probably extend a little further past the light than it does. (like all the way to Glendive haha)

Could we get additional signs? Perhaps the southbound R lane should be a turning lane only? Anything but the way it is now.

And that intersection is just a nightmare anyway. Traffic is 70MPH, WAY too fast for current conditions and turning left onto

200 is taking your life in your hands. Drivers should be slowing down PRIOR to the flashing light, not a mile past it.

Submitter's IP address: 72.250.137.92

From: Grant, Paul <pgrant@mt.gov>
Sent: Friday, April 20, 2012 8:47 AM

To: Nicolai, Sarah; Strizich, Carol; Zanto, Lynn (MDT); Kazimi, Zia

**Subject:** FW: Comment on a Project Submitted

----Original Message----

From: www@mdt.mt.gov [mailto:www@mdt.mt.gov]

Sent: Friday, April 20, 2012 8:45 AM

To: MDT Comments - Project

Subject: Comment on a Project Submitted

A question, comment or request has been submitted via the "Contact Us" web page.

Action Item: Comment on a Project Submitted: 04/20/2012 08:44:55
Project Commenting On: mt16-200
Project State Highway No.: 200
Nearest Town/City to Project:Sidney

#### Comment or Question:

Major problem an these areas of highway is diffrent speeds for trucks and cars. The cars and pickups are always weaving in and out trying to get around the trucks. Speed them up or slow down

the cars this doesn't work the way it is. Also if you could

put in a couple of passing lanes. Between Sidney and Fairview maybe decrease speed all together with all the approaches along that road and the volume of traffic. Also something I believe is truely needed everywhere is a good truck training course added to drivers training beginners that gives realist look at trucks and what happens when people cut them off, stop quickly in front of them etc. Many people don't understand that jumping in front of them only to stop 100 ft ahead is very dangerous for them and also others around them. Many times actions like this don't hurt them but a totally innocent passerby. I have seen so many stupid moves by cars and pickups because they are mad at a truck when really it was not the truck driver at all. Education maybe would help people understand some of these dangers. We have to get use to this for now and blaming the trucks doesn't change the problems. Working with them is key.

Submitter's IP address: 72.250.132.52

From: Strizich, Carol <cstrizich@mt.gov>
Sent: Monday, April 23, 2012 6:32 AM

To: Nicolai, Sarah

**Subject:** FW: Comment on a Project Submitted

----Original Message----

From: www@mdt.mt.gov [mailto:www@mdt.mt.gov]

Sent: Monday, April 23, 2012 3:53 AM

To: MDT Comments - Project

Subject: Comment on a Project Submitted

A question, comment or request has been submitted via the "Contact Us" web page.

Action Item: Comment on a Project
Submitted: 04/23/2012 03:52:39
Project Commenting On: mt16-200
Name: Maria Hodge
Address Line 1: po box 62

City: Crane
State/Province: MT
Postal Code: 59217

Email Address: mommabearhodge27@yahoo.com

Phone Number: 406-488-3597

#### Comment or Question:

The town of Crane really would like turning lanes much like Savage also a speed reduction before some one is killed trying to turn into Crane Speed reduction should be from Gartside

fishing access i think that is cnty rd 114 to cnty road 116

.Could you tell us how to go about a least getting the speed reduction.Thank you

Submitter's IP address: 216.228.52.204

From: Grant, Paul <pgrant@mt.gov>
Sent: Monday, April 23, 2012 10:22 AM

To: Nicolai, Sarah; Strizich, Carol; Zanto, Lynn (MDT); Kazimi, Zia; Mintz, Shane; Heidner,

Steven; Frank, James

**Subject:** FW: Comment on a Project Submitted

----Original Message-----

From: www@mdt.mt.gov [mailto:www@mdt.mt.gov]

Sent: Monday, April 23, 2012 10:21 AM

To: MDT Comments - Project

Subject: Comment on a Project Submitted

A question, comment or request has been submitted via the "Contact Us" web page.

Action Item: Comment on a Project Submitted: 04/23/2012 10:20:34
Project Commenting On: mt16-200

Comment or Question:

I am worried about the safety of all the people driving on Montana roads. Expecially traveling from Glendive to Fairview. That is A very dangerous road

and when you have unexperienced/uncertified/ which also means

(uninsured) escorting of oversize loads it creates a danger to all who travel those roads.

And it is to my understanding that if you are going to be working or operating in this state continiously you need to have tempory Montana plates on your vehicle. and a Montana business liscense. If you are operating a business in Montana or a local community.

Submitter's IP address: 174.45.252.193

From: Grant, Paul <pgrant@mt.gov>
Sent: Thursday, May 24, 2012 2:47 PM

To: Strizich, Carol; Nicolai, Sarah; Kazimi, Zia; Skinner, Jim; Bolan, Danielle; Gilbert, Kevin

Cc: Mintz, Shane; Frank, James

**Subject:** FW: Comment on a Project Submitted

----Original Message----

From: www@mdt.mt.gov [mailto:www@mdt.mt.gov]

Sent: Thursday, May 24, 2012 2:06 PM

To: MDT Comments - Project

Subject: Comment on a Project Submitted

A question, comment or request has been submitted via the "Contact Us" web page.

Action Item: Comment on a Project Submitted: 05/24/2012 14:05:31
Project Commenting On: Highway 16

Project State Highway No.: 16 Nearest Town/City to Project:Sidney

Project Milepost: Just South of Sidney

#### Comment or Question:

Kindly review the intersection of Highway 200 and Highway 16.

Currently, going southbound, Highway 16 converges from 2 lanes to 1 lane in a 70 MPH speed zone. A flashing light governs the intersection. Two years ago, this was an adequate condition, however, in the past 2 years, traffic has increased dramatically, and nearly 30 percent of the traffic is heavy truck traffic. Large trucks and signage obstruct the northbound view (as viewed coming from the West on Highway 200), and suboptimal weather/lighting can make the intersection extremely dangerous. We have had several close calls while taking my children to school.

Recommendations: 1) The speed limit is too high for the amount of traffic utilizing this intersection. Lowering the speed limit to 45 MPH would greatly improve reaction times. 2) Make one of the south bound lanes into a turning lane 200-300 ft. before the intersection, rather than converging more or less IN the intersection, as is now occurring. 3) Convert the blinking light into a stop light.

Many of my neighbors have commented on how dangerous this intersection has become. We are hoping that safety changes will be made before the cost is expressed in loss of human life.

Thank you for your kind considerations.

**Brett Bennion** 

Sidney

Submitter's IP address: 72.250.141.142



Timothy W. Reardon, Director Brian Schweitzer, Governor



2701 Prospect Avenue PO Box 201001 Helena MT 59620-1001

March 9, 2012

To:

Resource Agency Distribution

Subject:

Resource Agency Meeting Invitation

MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

The Montana Department of Transportation (MDT), in cooperation with Dawson and Richland Counties and the Federal Highway Administration (FHWA), has initiated a corridor planning study to explore the potential need for improvements along MT Highway 16 (MT 16) and MT Highway 200 (MT 200) from Glendive to Fairview. The study will focus on the portion of MT 16 beginning at approximate Reference Post (RP) 0.6 at the I-94 Interchange in Glendive and extend northeasterly to the intersection of County Road 123 (RP 50.4) south of Sidney. The study will resume at Sidney's northern city limit boundary (RP 52.6) north of the MT 200 intersection with Holly Street, and extend northeast on MT 200 to the Fairview city limits (RP 62.5). The study excludes areas within the city limits of Glendive, Sidney, and Fairview.

The study will examine the geometric characteristics, crash history, and existing and projected operational characteristics of MT 16 / MT 200, as well as physical conditions, land uses, and environmental resources within the planning corridor. Short-, mid- and long-term improvement options will be identified to address corridor issues and concerns. These recommendations will assist MDT in targeting the most critical highway needs and allocating resources appropriately. The study will form the basis of a future NEPA/MEPA process if improvement options are forwarded from the study.

With this letter, MDT invites you to attend a resource agency meeting to discuss environmental conditions in the study corridor. Agency representatives are invited to attend in person at the MDT Helena office or remotely by conference call /webinar.

Date: Thursday, April 12, 2012 from 1:00 p.m. to 4:00 p.m.

Location: MDT Planning Division or Conference Call:

Conference Room A
2960 Prospect Avenue
Helena, MT 59601

Number: 1-866-866-2244
Participant Code: 5671903

Webinar:

https://www1.gotomeeting.com/join/526352617

Meeting ID: 526-352-617

Resource agencies are asked to review and offer their comments on the completeness and accuracy of the Draft Environmental Scan document for this corridor study. An electronic version of this document is provided on the enclosed CD, along with a print copy of the meeting agenda.

If you are unable to attend the resource agency meeting, please forward these documents to an appropriate agency designee. We would appreciate your agency's comments regarding initial avoidance areas, mitigation needs, and opportunities in the corridor. Written comments should be directed to Carol Strizich at the address on the letterhead. Additional information is available on the study website (http://www.mdt.mt.gov/pubinvolve/mt16/).

Please call or email Sarah Nicolai, Consultant Project Manager, by Friday, April 6, 2012 to confirm your participation in the resource agency meeting.

Sarah Nicolai DOWL HKM P.O. Box 1009 Helena, MT 59624 406.442.0370 ext. 7412 snicolai@dowlhkm.com

Thank you in advance for your agency's participation.

Sincerely,

Tom S. Martin, P.E., Chief Environmental Services Bureau

**Enclosures:** 

CD containing electronic version of Draft Environmental Scan

Resource Agency Meeting Agenda

Copies (without enclosures):

Carol Strizich, MDT

Sarah Nicolai, DOWL HKM

File

Resource Agency Distribution:

Steve Potts, US Environmental Protection Agency

Steve Dalbey, MT Fish, Wildlife & Parks Mark Sullivan, MT Fish, Wildlife & Parks

#### MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

#### Page 3 of 3

Mark Aberg, MT Department of Natural Resources & Conservation Catherine Juhas, US Army Corps of Engineers
Bonnie Lovelace, MT Department of Environmental Quality
Jeff Ryan, MT Department of Environmental Quality
Robert Ray, MT Department of Environmental Quality
Mark Wilson, US Fish & Wildlife Service
Mark Baumler, MT Historical Society
Pete Stevenson, US Bureau of Reclamation



# Resource Agency Meeting

Thursday, April 12, 2012

Montana Department of Transportation
Planning Division – Conference Room A
2960 Prospect Avenue
Helena, MT







# Welcome & Introductions







# **Purpose of Meeting**

- Provide Overview of Corridor Planning Study Process
- Present Existing Conditions Information
- Present Key Findings from Environmental Scan
  - Physical Environment
  - Biological Resources
  - Social and Cultural Resources
- Solicit Input







## A Corridor Planning Study Is:

• A pre-NEPA planning-level assessment of a study area

# A Corridor Planning Study Is Not:

- A design, right-of-way acquisition, or construction project
- Environmental compliance document







# **Montana's Corridor Planning Process**

- O Involves conducting a review of safety, operational, and geometric conditions and environmental resources to identify needs and constraints.
- This process allows MDT to:
  - Identify realistic strategies given funding or other constraints
  - Identify fatal flaws before initiation of formal environmental process for any future project forwarded from study





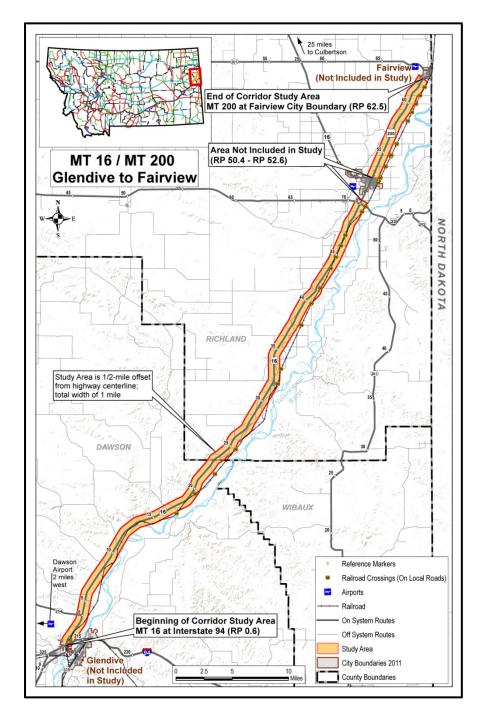


# What are the Steps?

- Assess Existing and Projected Conditions
  - Environmental Scan
- Informational Meeting # 1 / Resource Agency Meeting
- Indentify Corridor Needs and Objectives
- Develop, Analyze, and Identify Improvement Options
- Prepare Draft Corridor Study Report
- Informational Meeting # 2
- Finalize Corridor Study Report









# **Study Area**

- Start Point: MT 16 at approximate Reference Post (RP) 0.6 just north of the I-94 Interchange at Glendive
- End Point: MT 200 at the Fairview city limits (RP 62.5)
- Excludes areas within the city limits of Glendive, Sidney, and Fairview







# Transportation System Conditions







# **Physical Characteristics**

#### O Roadway Width

MT 16 / MT 200 is a two-lane undivided highway with 12-foot travel lanes and varying shoulder widths. The majority of the corridor has 7 to 8 foot shoulder widths, and the remainder is currently being reconstructed to meet current MDT design standards.

#### O Bridges

12 bridges and 4 major culverts occur within the study area.

#### O Utilities

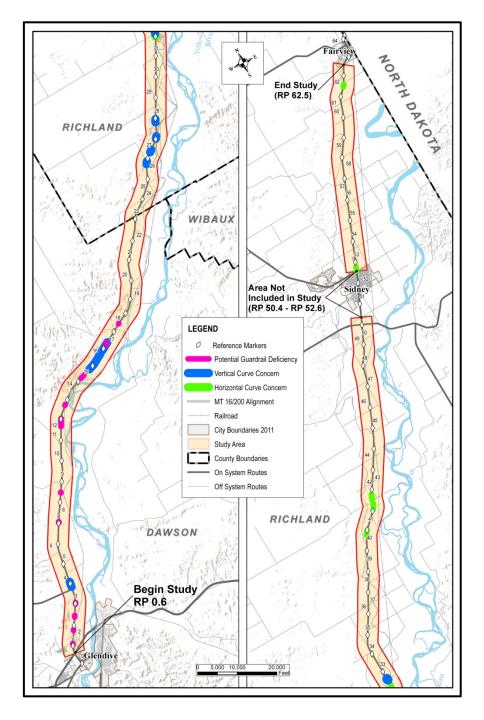
- High pressure natural gas pipelines cross the corridor in seven (7) locations.
- Other pipelines and irrigation canals occur within the study area.

#### Pavement Condition

 There is evidence of minor rutting, transverse cracking, longitudinal cracking, and shoulder failure within the study area.







# Geometric Characteristics

- Pink Shading: Clear Zone Issue / Guardrail Concern (12 Locations)
- Blue Shading: Vertical Curve Concern (13 Locations)
- Green Shading: Horizontal Curve Concern (7 locations)

Note: Facility will meet current MDT design standards within limits of ongoing construction project (30 km NE of Glendive – NE, RP 18.6 – RP 28.9)







## **Crash Statistics**

	Rural NINHS		Primary		
Criteria	Statewide Average for Rural NINHS (2006 – 2010)	MT 16 RP 0.6 – RP 50.4 MT 200 RP 52.6 – 53.7 (2006 – 2010)	Statewide Average for Rural Primary Highway (2006 – 2010)	MT 200 RP 53.7 – RP 62.5 (2006 – 2010)	
Crash Rate (All Vehicles)	1.04	1.27	1.18	1.16	
Severity Index (All Vehicles)	2.09	1.57	2.29	2.03	
Severity Rate (All Vehicles)	2.18	1.99	2.71	2.35	

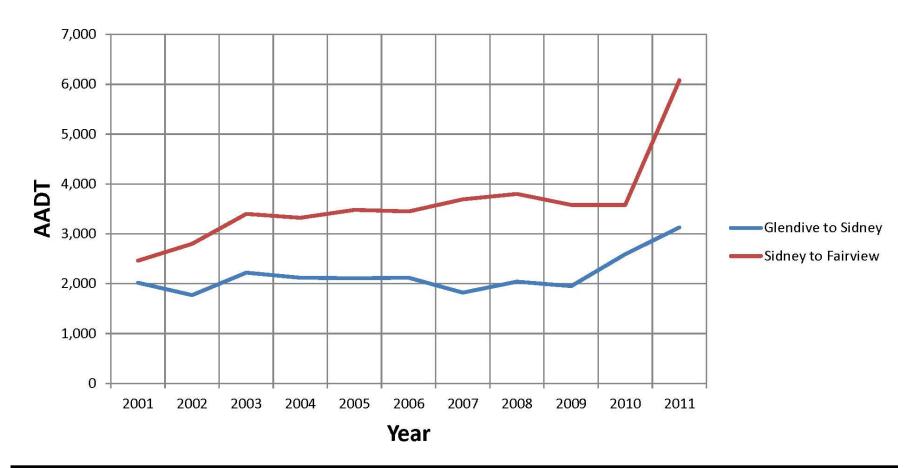
• Crash Rate for MT 16 / MT 200 (Rural NINHS) is the only statistic higher than statewide average. All three metrics are reviewed to identify a concern.







# **Traffic Volumes**









# Demographic and Economic Conditions

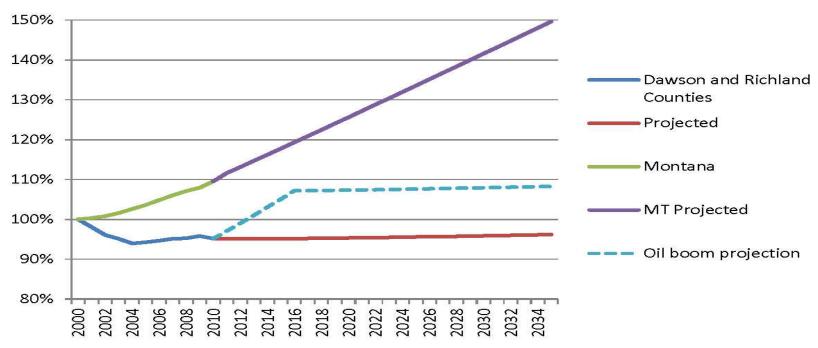






# **Population**

Observed and Projected Population of Montana and the Study Counties (Indexed to 2000)









## **Economic Conditions**

## O Unemployment

Dawson County: 3.1%

Richland County: 2.6%

• Montana: 6.6%

National Average: 8.6%

## • Energy Industry

 Analysts expect oil exploration and development in the Bakken to continue for ten to twenty years

## • Agriculture

 Due to changes in the size and location of grain loading facilities, haul trucks are often larger, heavier, and travel longer distances from farms to grain elevators, potentially impacting pavement conditions.



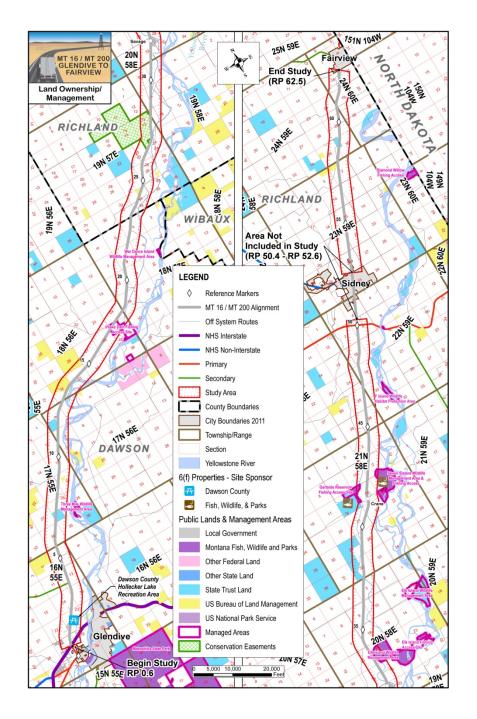




# **Environmental Conditions**





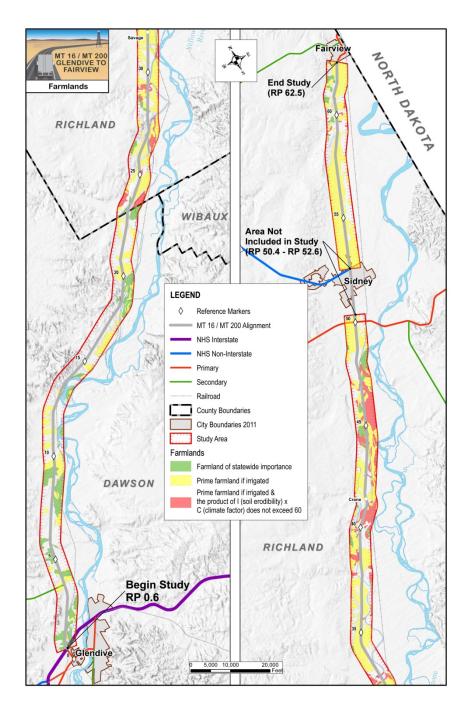




# Land Ownership & Section 6(f) Resources





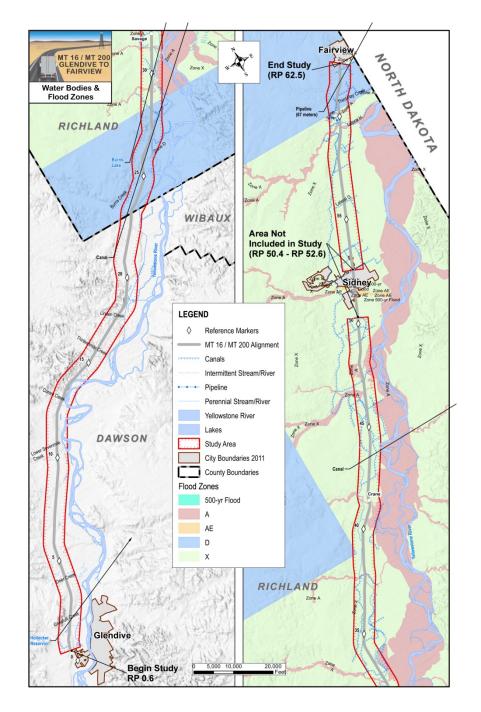




# **Farmlands**





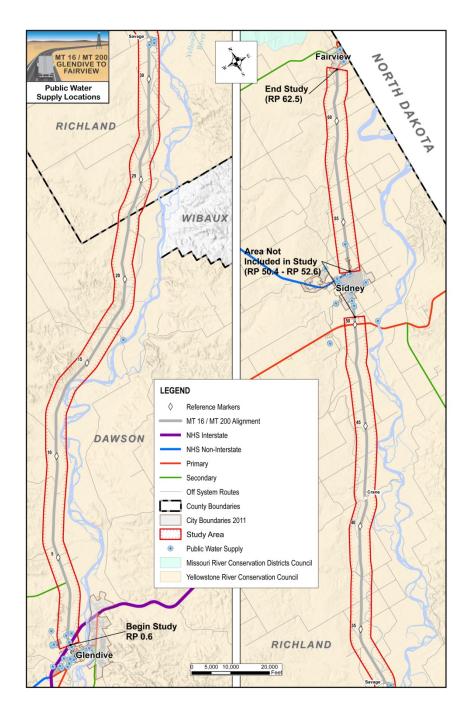




# Surface Water & Floodplains





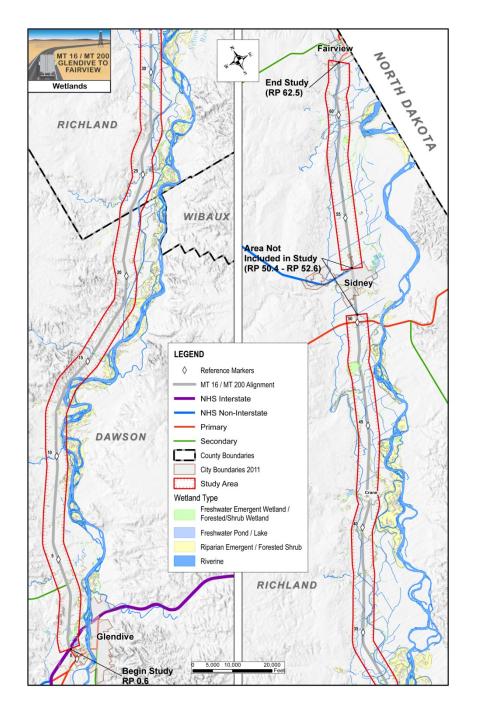




# Public Water Supplies





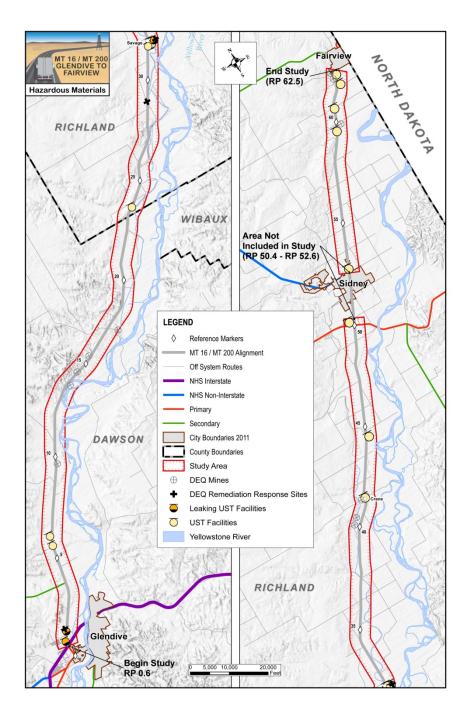




# Wetlands









# **Hazardous Materials**







#### MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

#### **Threatened and Endangered Wildlife Species**

Richland & Dawson Counties

Category	Scientific Name	Common Name	Federal Status
Fish	Scaphirhynchus albus	Pallid Sturgeon	Listed Endangered
Bird	Charadrius melodus	Piping Plover	Listed Threatened, Critical Habitat
Bird	Sterna antillarum athalassos	Interior Least Tern	Listed Endangered
Bird	Grus Americana	Whooping Crane	Listed Endangered
Bird	Centrocercus urophasianus	Greater Sage Grouse	Critical Habitat
Bird	Anthrus spragueii	Sprague's Pipit	Critical Habitat

#### **Plant Species of Concern**

Richland & Dawson Counties

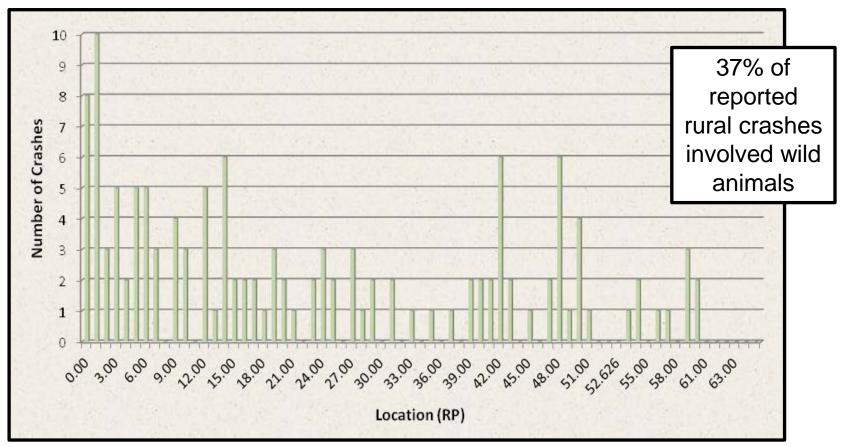
Category	Scientific Name	Common Name
Plant	Phlox andicola	Plains Pholx







# Wild Animal Conflicts (2006-2011)



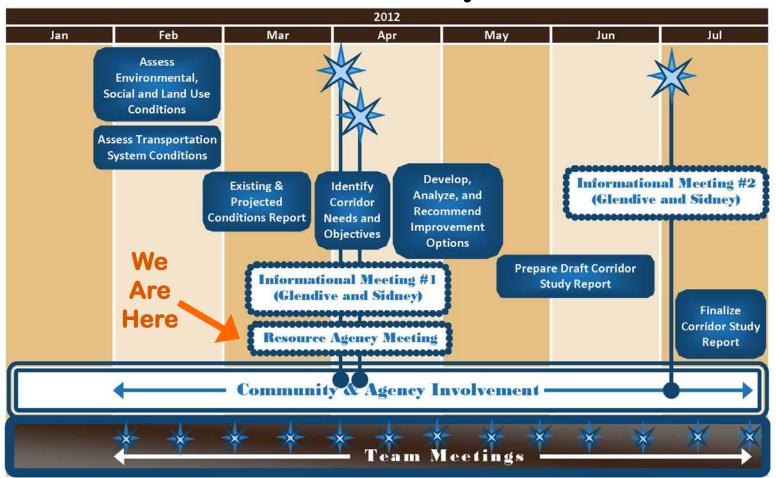






#### MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

# **Next Steps**









## **Please Submit Comments!**

#### Mail comments to:

**Carol Strizich** 

Montana Department of Transportation 2701 Prospect Avenue PO Box 201001 Helena, MT 59620-1001 cstrizich@mt.gov 406.444.9240







#### **MEMORANDUM**

Physical Address: 104 East Broadway Suite G-1 Helena, Montana 59601 Mailing Address: P.O. Box 1009 Helena, Montana 59624

Phone: (406) 442 - 0370

Fax: (406) 442 - 0377

To: Carol Strizich

MDT Project Manager

From: Sarah Nicolai

**DOWL HKM Project Manager** 

Date: April 19, 2012

Subject: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

Agency Meeting on April 12, 2012

A resource agency meeting for the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study was held on April 12, 2012 at the Montana Department of Transportation Planning Division Conference Room A at 1:00 p.m. Meeting attendees are listed below.

Carol Strizich	MDT – Planning Division
Jean Riley	MDT – Planning Division
Jeff Ryan	DEQ
Tom Atkins	MDT – Environmental Services Bureau
Chris Pileski	DNRC
Cathy Juhas	USACE
Steve Potts	USEPA
Tom Meehan	DOWL HKM
Sarah Nicolai	DOWL HKM
Erin Karlin	DOWL HKM

#### **Resource Agency Coordination**

An invitation letter was sent to the resource agency distribution list on March 9, 2012. A copy of the letter is provided at the end of this memorandum. DOWL HKM sent an email reminder to the distribution list on April 12, 2012 to confirm attendance at the meeting.

#### **Meeting Format**

Sarah Nicolai, DOWL HKM Project Manager, provided an overview of the corridor planning study process, study area and existing conditions, and key findings from the Draft Environmental Scan Report. Meeting attendees provided comments throughout the meeting. Discussion items are noted below. Copies of the meeting presentation and written agency comments are provided at the end of this memorandum.

#### **Discussion Items**

- Sarah began the meeting by noting this is a pre-NEPA, planning-level study and there are no nominated projects at this time. Sarah explained MDT's corridor planning studies are typically completed in a year, although this study will be completed within an expedited six-month timeframe.
- Jean mentioned the study website is updated regularly and agencies are encouraged to view materials online.
- Sarah presented information on the study area, transportation system, geometrics, crash statistics, traffic volumes, population and economic conditions. There were no comments or questions.
- Key findings from the Draft Environmental Scan Report were presented including land ownership, farmlands, surface waters/floodplains, public water supply, wetlands, hazardous materials, threatened and endangered species, and wildlife conflicts. Agencies were asked to identify any missing or inaccurate information provided in the report.
  - o Jean requested DOWL HKM confirm the Conservation Easement ownership. She mentioned it could be a section 4(f) site if it is publicly owned land.
  - Jeff and Steve expressed concern regarding the proximity of the Yellowstone River through the length of the corridor.
  - Cathy asked if USFWS and FWP were invited to attend the agency meeting.
     Carol stated they were invited and unable to attend. They may submit comments in writing.
  - o Cathy stated any impact to the river or wetlands would require a Section 404 permit and coordination with USACE, USFWS, and FWP.
- Steve asked about bridges within the corridor. Sarah and Jean responded that bridges cross tributaries and irrigation canals.
- Steve commented on truck traffic carrying hazardous liquids. Given the proximity to the river, there should be a retention structure adjacent to the roadway to prevent direct discharge into surface waters. He emphasized the importance of a good grading plan. Steve also mentioned bridge deck drainage should be retarded by a retention structure to prevent direct drainage into the river. Jean clarified Steve was requesting appropriate drainage and retention for new construction within the corridor, as opposed to retrofitting existing facilities.
- Steve asked about North Dakota's efforts to address infrastructure impacts relating to the
  oil boom. Carol explained North Dakota is ahead of Montana in terms of increased traffic
  volumes and associated impacts. In response, NDDOT has constructed passing lanes in
  several areas.
- Steve commented any improvements forwarded from the study should avoid encroachment of the river and wetland areas. Cathy agreed and added USACE also has jurisdiction over ditches.

- Chris mentioned DNRC involvement is limited to state trust lands involving easements within the corridor. DNRC's main concern would be impacts to agricultural leased lands.
- Jean asked where agencies should send written comments. Sarah responded all written comments should be sent to Carol via mail or email. Comments should be submitted as soon as possible due to the compressed time schedule.
- Carol mentioned the Draft Corridor Study Report, which will include a summary of findings from the Environmental Scan, will be available for comment in early July.
   Agencies will receive copies of the Draft Corridor Study Report and will be encouraged to provide comments.
- Jean mentioned the report should note the difference in historic truck traffic volumes compared to existing conditions. Sarah and Carol responded the historical traffic data is not complete with regard to truck volumes.
- Jeff reiterated the importance of a grading plan and mentioned avoiding direct drainage into the river. Jeff mentioned any incident could still be impactful if contaminants mix with groundwater, but a basin would retard impacts to surface waters.



March 16, 2012

Sarah Nicolai DOWL HKM P.O. Box 1009 Helena, MT 59624 MAR 2 3 2012

DOWL HKM
HELENA

MDT MT 16/MT200 Corridor Planning Study- MFWP Comments

Dear Ms. Nicolai:

I am writing to comment on the MT16/MT200 corridor planning study being conducted by the Montana Department of Transportation.

Montana Fish, Wildlife and Parks (MFWP) in Region 6 have reviewed the corridor study area between Sidney and Fairview.

Portions of the study area on the west side of highway 200 encompass native prairie habitat, which may provide lek habitat for Sharp-tailed grouse. Several creeks, including First, Second, and Third Hay Creek, provide riparian habitat for reptiles, amphibians, small mammals, as well as nesting cover for upland game birds and songbirds. These creeks also act as tributaries to the Yellowstone River and may also harbor both game and native non-game fishes.

Based on our review, MFWP recommends that emphasis be placed on improvements to existing transportation infrastructure, rather than the construction of new infrastructure, so as to limit the negative effects to wildlife on currently undisturbed habitats. If new infrastructure was to be built in previously undisturbed areas, MFWP recommends pre-development surveys be conducted for Sharp-tailed grouse leks. If leks are found, alternate construction plans should be considered. All short-term vegetation disturbances to ephemeral or permanent wetlands, streams or rivers should be limited to a minimum of 50 meters and all long-term disturbances should be limited to a minimum of 100 meters. Any disturbance of a stream or river bank would also require a 310 permit with the local Conservation District. Finally, MFWP recommends that all disturbances to rocky outcrops be limited to a minimum of 200 meters, all disturbances to caves or cave-like structures be limited to a minimum of 100 meters, and all disturbances to raptor nests be limited to a minimum of 1000 meters.

Thank you for the opportunity of comment on this matter.

Sincerely,

Pat Gunderson Regional Supervisor



# United States Department of the Interior Fish and Wildlife Service

Ecological Services Montana Field Office 585 Shepard Way Helena, Montana 59601-6287



Phone: (406) 449-5225 Fax: (406) 449-5339

M.44 MDT (I)

April 13, 2012

Carol Strizich
Montana Department of Transportation
2701 Prospect Avenue
PO Box 201001
Helena, MT 59620-1001

Dear Ms. Strizich:

We received your letter dated March 9, 2012, requesting comments on the MT 16/MT 200 Glendive to Fairview Corridor Planning Study, and reviewed the accompanying environmental scan and appendices. Our response comments below are authorized under the authority of the Endangered Species Act of 1973 (ESA), as amended (16 U.S.C. 1531 et. seq.), the Fish and Wildlife Coordination Act (16 U.S.C. 661 et. seq.), and the Migratory Bird Treaty Act of 1918 (MBTA), as amended (16 U.S.C. 703 et. Seq.), and the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668d, 54 Stat. 250; BGEPA).

Federally listed species that occur in your Corridor Planning Study area are listed by county in the following table.

Endangered, threatened, proposed and candidate species, by county.

County/Scientific Name	Common Name	Status
DAWSON		
Scaphirhynchus albus	Pallid Sturgeon	LE
Sterna antillarum athalassos	Interior Least Tern	LE
Grus americana	Whooping Crane	LE
Centrocercus urophasianus	Greater Sage-Grouse	С
Anthus spragueii	Sprague's Pipit	С
RICHLAND		
Scaphirhynchus albus	Pallid Sturgeon	LE
Charadrius melodus	Piping Plover	LT, CH
Sterna antillarum athalassos	Interior Least Tern	LE
Grus americana	Whooping Crane	LE

Centrocercus urophasianus	Greater Sage-Grouse	С
Anthus spragueii	Sprague's Pipit	С

C = Candidate LT = Listed Threatened LE = Listed Endangered

CH = Designated Critical Habitat

The Natural Heritage Tracker database shows several locations for least terns along the Yellowstone River throughout the length of the corridor, as well as candidate species sage grouse near reference post (RP) 45, and Sprague's pipits near RP 31. While the Tracker database provides historic observations for a given area, we suggest that the Department survey for these species and their habitats along the length of the corridor.

Throughout the length of the Corridor Planning Study area, there are also several bald eagle nest sites located along the Yellowstone River. There are two eagle nests close to MT 16, between RPs 11 and 14, with one nest site occurring within 0.5 mile of the road. As such, the Service recommends that the Department identify bald eagle nest site locations, their proximity to the proposed project site, and implement the Montana Bald Eagle Management Guidelines: An Addendum to Montana Bald Eagle Management Plan (1994) (Montana Bald Eagle Working Group 2010), as necessary.

Due to the corridor's location between grasslands to the west and irrigated agricultural fields and the Yellowstone River to the east, the potential exists for one or several wildlife movement areas along the corridor. We ask the Department to incorporate structures or mitigation measures into any design alternatives for this corridor that would facilitate wildlife movement while improving highway safety.

The Service appreciates your efforts to incorporate fish and wildlife resource concerns, including threatened and endangered species, into your project planning. If you have questions or comments related to this issue, please contact Mike McGrath of my staff at (406) 449-5225, extension 201.

Sincerely,

R. Mark Wilson Field Supervisor

#### Nicolai, Sarah

From: Backes, Mike <mibackes@mt.gov>
Sent: Thursday, May 31, 2012 3:27 PM

To: Nicolai, Sarah

**Subject:** MT16/MT200 Corridor Planning Study **Attachments:** SKMBT\_C45212060103160.pdf

Sarah, sorry for the tardiness of this response. I have a few suggestions for the Draft Environmental Scan which are included on the following attachment. In summary the changes and corresponding pages are: add paddlefish, sauger, and pallid sturgeon and remove westslope cutthroat trout pg 14; add 11 streams to Appendix F (including those with documented fish presence) pg 44; add location of streams on map that have a fisheries value (does not include the missing stream from appendix F), the location of all streams in appendix F should be plotted on the maps on pg 45. Thank you for the opportunity to comment and call if you have questions.

Kenneth "Mike" Backes Region 7 Fisheries Manager Montana Fish, Wildlife & Parks PO Box 1630 Miles City, MT. 59301 406-234-0925

email: mibackes@mt.gov

 Table 2. Montana Animal Species of Concern Noted in Dawson County

	Table 2. Montana Anima	Species of Concern Noted in D		nty
	Scientific Name	Common Name	State Rank	County
	Anthus spragueii	Sprague's Pipit	S3B	Dawson
Fish Birds	Athene cunicularia	Burrowing Owl	S3B	Dawson
cds	Buteo regalis	Ferruginous Hawk	S3B	Dawson
Bil	Centrocercus urophasianus	Greater Sage-Grouse	S2	Dawson
	Coccyzus erythropthalmus	Black-billed Cuckoo	S3B	Dawson
	Dolichonyx oryzivorus	Bobolink	S3B	Dawson
	Cycleptus elongates	Blue Sucker	S2S3	Dawson
	Etheostoma exile	Iowa Darter	S3	Dawson
	Lepisosteus platostomus	Shortnose Gar	S1	Dawson
sh	Macrhybopsis gelida	Sturgeon Chub	S2S3	Dawson
Ē	Macrhybopsis meeki	Sicklefin Chub	S1	Dawson
	Oncorhynchus clarkii bouvieri	Yellowstone Cutthroat Trout	S2	Dawson
	Oncorhynchus clarkii lewisi	Westslope Cutthroat Trout	S2	Dawson
Or Or Ph	Phoxinus eos	Northern Redbelly Dace	S3	Dawson
es	Polygonia progne	Gray Comma	S2	Dawson
brat	Lachlania saskatchewanensis	A Sand-dwelling Mayfly	S1	Dawson
	Lasiurus cinereus	Hoary Bat	S3	Dawson
	Sorex nanus	Dwarf Shrew	S2S3	Dawson
Mammals	Sorex preblei	Preble's Shrew	S3	Dawson
mm	Zapus hudsonius	Meadow Jumping Mouse	S2	Dawson
Ma	Lasiurus cinereus	Hoary Bat	S3	Dawson
	Sorex nanus	Dwarf Shrew	S2S3	Dawson
	Sorex preblei	Preble's Shrew	S3	Dawson
	Apalone spinifera	Spiny Softshell	S3	Dawson
Reptiles	Chelydra serpentina	Snapping Turtle	S3	Dawson
	Heterodon nasicus	Western Hog-nosed Snake	S2	Dawson
	Lampropeltis triangulum	Milksnake	S2	Dawson
-	Phrynosoma hernandesi	Greater Short-horned Lizard	S3	Dawson
	Sceloporus graciosus	Common Sagebrush Lizard	S3	Dawson

remove

Add: Paddledsh Sanger Pallid Sturgeon

Remove: West-tope Cuthroat Traut

#### Appendix F - Named Stream Crossings

Addrions (Glendine-Feirview)

Three mile Creek

\* Morgan Creek

\* War Dance Creek

Beef Slough

Granden Coulee (Savage)

\* Danlap Creek

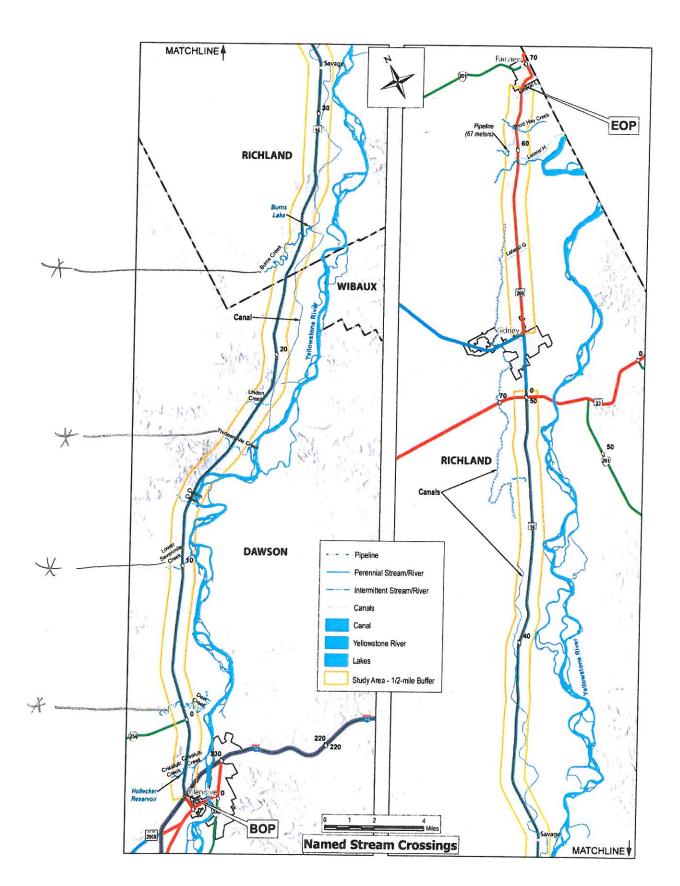
\* Sears Creek

(crane)

\* Crane Creek

\* Fox Creek (Sidney) \* First Hay Creek

Second Hay Creek





#### Informational Meetings

MT16/MT200 Glendive to Fairview
Corridor Planning Study
Wednesday, July 11, 2012, 6 p.m.
Sidney High School cafeteria
1012 4th Avenue South East, Sidney, MT
Thursday, July 12, 2012, 6 p.m.
Dawson Community College
300 College Drive, Lecture Hall (UC 102),
Glendive, MT

Agenda format will be the same for both meetings

MDT will discuss the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study. The study area begins on MT 16 at approximate Reference Post (RP) 0.6 at the I-94 Interchange in Glendive and extends northeasterly to the intersection of County Road 123 (RP 50.4) south of Sidney. The study resumes at Sidney's northern city limit boundary (RP 52.6) north of the MT 200 intersection with Holly Street, and extends northeast on MT 200 to the Fairview city limits (RP 62.5). The study excludes areas within the city limits of Glendive, Sidney, and Fairview. The purpose of the meetings is to present recommended improvement options and request community feedback on the draft corridor study report. Beginning on July 10, 2012, the draft corridor study report may be viewed at

http://www.mdt.mt.gov/pubinvolve/mt16/documents.shtml

The meetings are open to the public and the public is urged to attend either meeting. MDT attempts to provide accommodations for any known disability that may interfere with a person's participation in any department service, program or activity. For reasonable accommodations to participate in this meeting, please contact Sarah Nicolai at (406) 442-0370 at least two days before the meeting. For the hearing impaired, the TTY number is (406) 444-7696 or 1-800-335-7592, or call Montana Relay at 711. Alternative accessible formats of this information will be provided upon request.

Comments may be submitted in writing at the meeting; by mail to Sarah Nicolai, DOWL HKM, P.O. Box 1009, Helena, MT 59624; by email to snicolai@dowlhkm.com; or online at

http://www.mdt.mt.gov/pubinvolve/mt16/comments.shtml

Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study. Comments are due by July 25, 2012.

From: Grant, Paul [mailto:pgrant@mt.gov] Sent: Monday, July 02, 2012 7:51 AM

To: ASHTO; KGLE-AM (E-mail); KXGN Radio & TV - Emile Boyles - Anchor; KXGN-Emilie Boyles; KXGN-TV/KDZN-FM/KXGN-AM; Ranger Review (E-mail); KGCX-FM; KTHC-FM; Sidney Herald; The Roundup; The Searchlight; KATQ-AM&FM; Sheridan County News; Sheridan County OnLine

Cc: Nicolai, Sarah; Strizich, Carol; Kazimi, Zia; Zanto, Lynn (MDT); Erb, Michelle; Madison, Davey; Ryan, Lori; Grant, Paul; Adam Gartner; Douglas Buxbaum; Jim Skillestad; Road Supervisor; Richland County Commissioners; Road Supervisor

Subject: MDT schedules informational meetings to discuss the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

July 2, 2012

FOR IMMEDIATE RELEASE

For more information: Lori Ryan, Public Information, MDT, (406) 444-6821

Informational meetings to discuss the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

Glendive - The Montana Department of Transportation (MDT) is conducting two informational meetings to discuss the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study. The study area begins on MT 16 at approximate Reference Post (RP) 0.6 at the I-94 Interchange in Glendive and extends northeasterly to the intersection of County Road 123 (RP 50.4) south of Sidney. The study resumes at Sidney's northern city limit boundary (RP 52.6) north of the MT 200 intersection with Holly Street, and extends northeast on MT 200 to the Fairview city limits (RP 62.5). The study excludes areas within the city limits of Glendive, Sidney, and Fairview. The informational meetings will be held as follows:

- \* Wednesday, July 11, 2012, starting at 6 p.m. at the Sidney High School cafeteria, 1012 4th Avenue South East, Sidney, MT
- \* Thursday, July 12, 2012, starting at 6 p.m. at the Dawson Community College, 300 College Drive, Lecture Hall (UC 102) in Glendive, MT

Both meetings will have the same agenda and will follow the same format.

The purpose of the meetings is to present recommended improvement options and request community feedback on the draft corridor study report. Beginning on July 10, 2012, the draft corridor study report may be viewed at

http://www.mdt.mt.gov/pubinvolve/mt16/documents.shtml

Community participation is a very important part of the process, and the public is encouraged to attend. Comments may be submitted in writing at the meeting; by mail to Sarah Nicolai, DOWL HKM, P.O. Box 1009, Helena, MT 59624; by email to <a href="mailto:snicolai@dowlhkm.com">snicolai@dowlhkm.com</a>; or online at

http://www.mdt.mt.gov/pubinvolve/mt16/comments.shtml

Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study. Comments are due by July 25, 2012.

MDT attempts to provide accommodations for any known disability that may interfere with a person's participation in any service, program or activity of our department. If you require reasonable accommodations to participate in this meeting, please call Sarah Nicolai at (406) 442-0370 at least two days before the meeting. For the hearing impaired, the TTY number is (406) 444-7696 or 1-800-335-7592, or call Montana Relay at 711. Alternative accessible formats of this information will be provided upon request.

Project name: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study Dawson and Richland Counties



# **Informational Meeting**

Thursday, July 11, 2012 Sidney, MT

Address:	City, State, ZIP Code	E-mail:	
2960 Prospect Ave	Helena		Y
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SC SO3 N River Are	Glendive		
	Helena		
503 N. River Ave.	Glendive		
503 N. RIVER AVE	GENDINE		
1954 Hwy. 16	Clendive		
	4		
	Sidney 59270		
2140 W. HOLLY	SIDNEY		
123 west Main	Sidney		
	4		
Sidney Herald	0		
2075 Soget My Dr		100	
P.O.B. of 62 Crave 14 54217		217 Momma bear hodge 27	(a) yaho
Box 176	Lambert 5	1243	
2641 Chewry Che.	CART WRYAT	58838	
	2960 Prospect Ave 2011. 4th Sd.  So3 N River Are 2701 Prospect Ave 503 N. River Ave.  503 N. River Ave.  1954 Hwy. 16  P.O Box 1046 Sidney 2140 W. Holly	2960 Prospect Ave flelena 2011/1 4th 3d.  Miles liky  So SO3 N River Are  Colendive  1701 Prospect Ave  Helens  503 N. River Ave.  Glendive  Glendive  Colendive  P.O Box 1046 Sidney  Sidney 59270  2140 W. Howy  125 West Nam  Sidney  503 N. Prick  Sidney  Sidney	2960 Prospect Ave Helena  2011 414 3d. Miles diky  50 503 N River Ave Glendive  2701 Prossect Ave Helena  503 N. River Ave. Glendive  2. 503 N. River Ave. Glendive  3. 600 N. River Ave. Glendive  2. 503 N. River Ave. Glendive  3. 600 N. River Ave. Glendive  4. 600 N. River Ave. Glendive  4. 600 N. River Ave. Glendive  5. 600 N. River Ave. Glendive  6. 600 N. River Ave.







Thursday, July 11, 2012 Sidney, MT

Name:	Title:	Address:	City, State, ZIP Code	E-mail:
Ky Trungons	- Planning		Faines Mt	trumpuer amidues, co.
Juan Milhel			Sedney Mf	FRUMPUR amidus, a.  JULIE-MITCHENSONITEIN,  actionamior amidus, a.  Actionamior amidus, con
OATRY Schoep	$\bigcirc$		510Ney	action@MidRivers.com
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Thursday, July 12, 2012 Glendive, MT

Name: Title:	Address:	City, State, ZIP Code	HARACTE SERVICE	E-mail:
Rep Matt Rosendale	1954 Hwy 16	Glendive		
Tim Mathick	320 w Relf St.	Glendine		
Jim Sis; Hostad	20) W Bell St	<i>I</i> ,		
Adam Garthir	207 W. B111	Gleredius		
- Alan Ograne	268 RD 521	ι,		*
Mary Jo Gehnert	202 13t Commund	Glender		
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Wednesday, July 11, 2012 Sidney, MT

#### **AGENDA**

- 1) Welcome and Introductions
- 2) Overview of Corridor Planning Process
- 3) Study Area
- 4) Background Information
- 5) Key Findings from Corridor Study Report
  - a) Corridor Needs and Objectives
  - b) Recommended Improvement Options
- 6) Next Steps

Visit the website at: http://www.mdt.mt.gov/pubinvolve/mt16/







Thursday, July 12, 2012 Glendive, MT

#### **AGENDA**

- 1) Welcome and Introductions
- 2) Overview of Corridor Planning Process
- 3) Study Area
- 4) Background Information
- 5) Key Findings from Corridor Study Report
  - a) Corridor Needs and Objectives
  - b) Recommended Improvement Options
- 6) Next Steps

Visit the website at: http://www.mdt.mt.gov/pubinvolve/mt16/





# MT 16 / MT 200 Glendive to Fairview Corridor Planning Study



#### Inside this issue:

What is a Corridor Planning Study?	1
What are the Needs in the Corridor?	1
Recommended Improvement Options	2-3
Study Schedule	4
How can I stay involved in this study?	4
Contact Us	4

#### What is a Corridor Planning Study?

A Corridor Planning Study is a **planning-level assessment** of a study area before project-level environmental compliance activities under the National and Montana Environmental Policy Acts (NEPA/MEPA). The corridor study process is designed to determine what, if anything, can be done to improve the corridor and to facilitate a smooth and efficient transition from transportation planning to environmental review and potential project development. The process involves conducting a planning level review of safety, operational, and geometric conditions and environmental resources within a corridor to identify needs and constraints. The process also allows for early coordination with members of the community, resource agencies, and other interested stakeholders.

#### What are the Needs in the Corridor?

Corridor needs and objectives were developed through a review of existing and projected conditions, input from community members and resource agencies, and coordination with MDT staff.

Need 1: Improve safety within the MT 16 / MT 200 study corridor, where practicable

Need 2: Improve the operation of the MT 16 / MT 200 roadway facility within the study area, where practicable

**Need 3:** Preserve and maintain the MT 16 / MT 200 roadway

View the full list of corridor needs and objectives online at <a href="http://www.mdt.mt.gov/pubinvolve/mt16">http://www.mdt.mt.gov/pubinvolve/mt16</a>

### Please Join Us for an Informational Meeting!

#### Wednesday, July 11, 2012

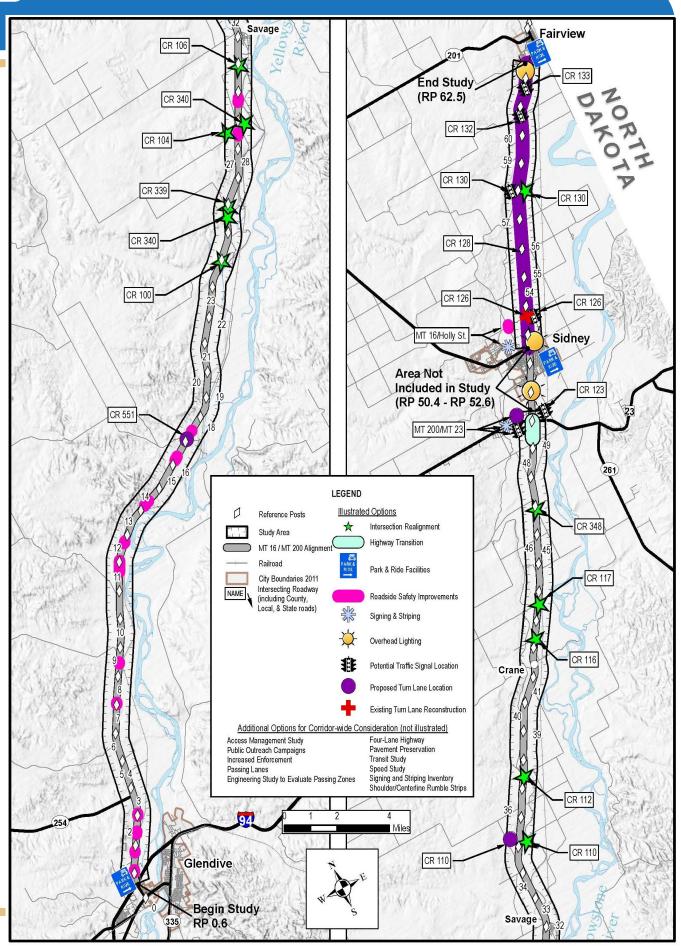
Sidney High School Cafeteria 1012 4<sup>th</sup> Avenue SE Sidney, MT 6:00 p.m.

#### **Thursday, July 12, 2012**

Dawson Community College Lecture Hall (UC 102) 300 College Drive OR Glendive, MT 6:00 p.m. The purpose of the meetings is to present recommended improvement options and request feedback.

Both meetings will follow the same format.

We hope to see you there!



Recommendations include corridor-wide and location-specific improvements.

#### Implementation timeframes

range from immediate (2012) to long-term (20 years).

Planning level <u>cost estimates</u> range from \$500 for new signage to \$165 million to provide a four-lane facility throughout the corridor. Cost estimates reflect anticipated construction costs only.

Many of the corridor needs and objectives are best addressed through combined implementation of education, enforcement, and engineering

solutions. Improvement options may be implemented at the local level, through MDT maintenance programs, or the MDT project development process as funding allows.



#### **Access Management**

Conduct access management study

#### **Education & Enforcement**

- Conduct public outreach campaigns
- Increase law enforcement in the corridor

#### Geometry

- Realign county road intersections
- Address highway transition south of MT 16 / MT 23 / MT 200 intersection

#### **Passing Opportunities & Capacity Improvements**

- Construct passing lanes in appropriate locations throughout the corridor
- Evaluate no passing zones at low-volume intersecting roadways
- Provide four-lane highway if passing lanes do not sufficiently improve corridor operations

#### **Pavement Preservation**

 Rehabilitate roadway surfacing at the appropriate time within the maintenance schedule

#### **Public Transportation**

 Conduct transit study and construct park and ride facilities in Glendive, Sidney, and Fairview

#### **Roadside Safety**

- Provide slope flattening or guardrail installation in 14 locations
- Relocate overhead sign post north of Holly/Central intersection

#### **Speed**

 Conduct speed study to identify appropriate speed limits for all vehicles

#### **Traffic Control & Warning Devices**

- Install intersection signalization and warning beacons, where appropriate
- Conduct signing and striping inventory
- Provide shoulder and centerline rumble strips throughout corridor
- Extend overhead lighting outside of Sidney and Fairview city limits

#### **Turn Lanes**

- Construct new left- and right-turn lanes in appropriate locations
- Reconstruct existing right-turn lane at County Road 126

Review the Draft Corridor Study Report online at <a href="http://www.mdt.mt.gov/pubinvolve/mt16">http://www.mdt.mt.gov/pubinvolve/mt16</a>

#### **Study Schedule** 2012 Assess Environmental, Social and Land Use Conditions Assess Transportation System Conditions Develop, Informational Meeting #2 **Existing &** Identify Analyze, and (Glendive and Sidney) **Projected** Corridor Recommend **Conditions Report** Needs and Improvement **Objectives Options Prepare Draft Corridor** nformational Meeting #1 Study Report (Glendive and Sidney) **Finalize** Corridor Study Resource Agency Meeting Report Team Meetings

#### How can I stay involved in this study?

Please join us for Informational Meetings on <a href="Wednesday">Wednesday</a>, July 11, 2012 at 6:00 p.m.</a> at the Sidney High School Cafeteria, 1012 4<sup>th</sup> Avenue South East in Sidney or <a href="Thursday">Thursday</a>, July 12, 2012 at 6:00 p.m. at the Dawson Community College, 300 College Drive, Lecture Hall (UC 102) in Glendive. To review additional information about the study and to submit comments electronically, visit the study website at <a href="http://www.mdt.mt.gov/pubinvolve/mt16">http://www.mdt.mt.gov/pubinvolve/mt16</a>

#### Please submit comments by July 25, 2012

#### **Contact Us**

#### **Shane Mintz**

Glendive District Administrator 406.345.8212 smintz@mt.gov

#### **Carol Strizich**

MDT Project Manager 406.444.9240 cstrizich@mt.gov

#### Sarah Nicolai

DOWL HKM Project Manager 406.442.0370 snicolai@dowlhkm.com

MDT attempts to provide accommodations for any known disability that may interfere with a person's participation in any department service, program or activity. For the hearing impaired, the TTY number is (406) 444-7696 or (800) 335-7592, or Montana Relay at 711. Alternative accessible formats of this information will be provided upon request.







Wednesday, July 11, 2012

Sidney High School Cafeteria 1012 4<sup>th</sup> Avenue Southeast

**Thursday, July 12, 2012** 

Dawson Community College Lecture Hall (UC 102) 300 College Drive







### Welcome & Introductions







# **Purpose of Meeting**

- Provide Overview of Corridor Planning Study Process
- Present Key Findings from Draft Corridor Study Report
  - Transportation System
  - Corridor Needs and Objectives
  - Recommended Improvement Options
- Solicit Input







### A Corridor Planning Study Is:

• A planning-level assessment of a study area

### A Corridor Planning Study Is Not:

- A design, right-of-way acquisition, or construction project
- Environmental compliance document







### **Montana's Corridor Planning Process**

- O Involves conducting a review of safety, operational, and geometric conditions and environmental resources to identify needs and constraints.
- This process allows MDT to:
  - Identify realistic strategies given funding and constraints
  - Identify fatal flaws before initiation of formal environmental process for any future project that may be forwarded from study





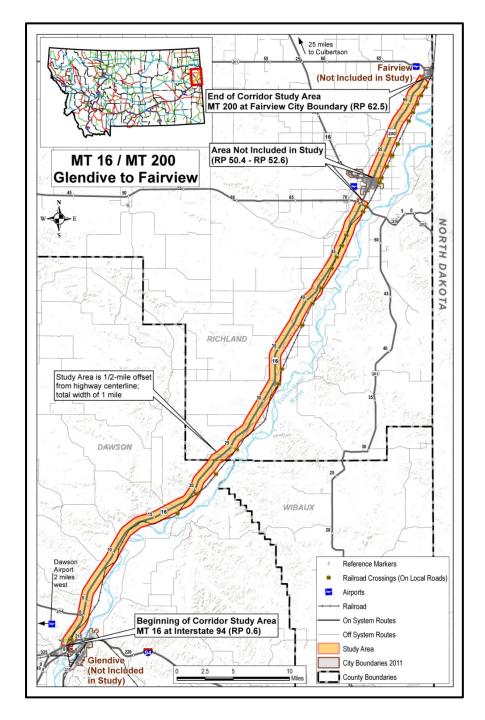


# What are the Steps?

- Assess Existing and Projected Conditions
- Informational Meeting #1 / Resource Agency Meeting
- Indentify Corridor Needs and Objectives
- Develop, Analyze, and Identify Improvement Options
- Prepare Draft Corridor Study Report
- Informational Meeting #2
- Finalize Corridor Study Report









# **Study Area**

- Start Point: MT 16 at approximate Reference Post (RP) 0.6 just north of the I-94 Interchange at Glendive
- End Point: MT 200 at the Fairview city limits (RP 62.5)
- Excludes areas within the city limits of Glendive, Sidney, and Fairview







### **Crash Statistics**

	Rural	NINHS	Primary	
Criteria	Statewide Average (2007 – 2011)	MT 16 RP 0.6 – RP 50.4 (2007 – 2011)	Statewide Average (2007 – 2011)	MT 200 RP 52.6 – RP 62.5 (2007 – 2011)
Crash Rate (All Vehicles)	1.01	1.16	1.12	1.26
Severity Index (All Vehicles)	2.05	1.77	2.22	1.91
Severity Rate (All Vehicles)	2.07	2.05	2.50	2.41

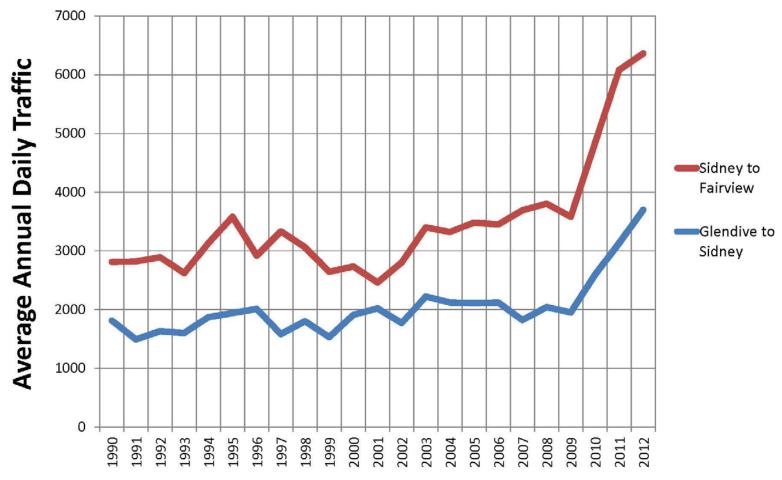
O Crash Rate for MT 16 / MT 200 (Rural NINHS and Primary) is the only statistic higher than statewide average. All three metrics are reviewed to identify a concern.







### **Historic Traffic Volumes**

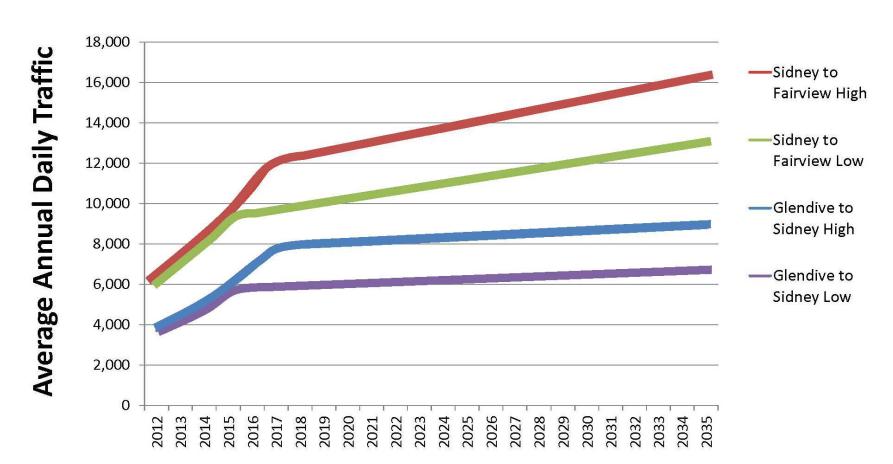








# **Projected Traffic Volumes**









# Level of Service (LOS) Concept



O LOS A:

High operating speeds; little difficultly passing

**O** LOS B:

Passing demand and passing capacity are balanced

**o** Los c:

Most vehicles travel in platoons (groups); speeds are curtailed

**o** LOS D:

High passing demand with minimal passing opportunity

**O** LOS E:

Passing is virtually impossible; speeds seriously curtailed

O LOS F:

Unstable operating conditions; heavy congestion







Location		2012	20 (Low , Projec	/ High
	MT 16 NB RP 0.6 to RP 20.0	В	(	
	MT 16 SB RP 0.6 to RP 12.4	В	(	
Glendive to Savage	MT 16 NB RP 20.0 to RP 31.5	Α	E	3
	MT 16 SB RP 12.4 to RP 22.0	Α	E	3
	MT 16 SB RP 22.0 to RP 31.5	В	(	
Savage to	MT 16 NB RP 31.5 to RP 41.5	В	(	
Crane	MT 16 SB RP 31.5 to RP 41.5	В	(	
Crane to	MT 16 NB RP 41.5 to RP 50.4	В	(	
Sidney	MT 16 SB RP 41.5 to RP 50.4	С	С	D
Sidney to	MT 200 EB RP 52.6 to RP 62.5	С	C	
Fairview	MT 200 WB RP 52.6 to RP 62.5	В	[	



# Operational Analysis







### **Corridor Needs and Objectives**

Need 1: Improve safety within the MT 16 / MT 200 study corridor, where practicable

### **Objectives**

- Improve roadway geometry to meet current MDT design standards
- Reduce conflicts with intersecting roadways
- Address head-on and single vehicle run-off-the-road crashes
- Address unsafe driver behavior







# **Corridor Needs and Objectives**

**Need 2:** Improve the operation of the MT 16 / MT 200 roadway facility within the study area, where practicable

### **Objectives**

 Accommodate existing and future traffic demands through the 2035 planning horizon







# **Corridor Needs and Objectives**

**Need 3:** Preserve and maintain the MT 16 / MT 200 roadway

### **Objectives**

 Improve roadway surfacing as needed to accommodate volume and mix of vehicles through the 2035 planning horizon

#### Other Considerations:

- Corridor constraints, including utilities and sensitive environmental resources
- Funding availability







#### **Access Management**

Description	Description Location		Implementation Timeframe	Impacted Resources / ROW / Permitting
Access Management Study	Corridor-wide	\$50,000 to \$300,000	Short-term	No







### **Education and Enforcement**

Description	Location	Follow-Up Responsibility	Planning Level Cost Estimate	Implementation Timeframe	Impacted Resources / ROW / Permitting
Public Outreach Campaigns	Corridor- wide	Counties, Cities, and Stakeholders	Various	Short-term	No
Increased Enforcement	Corridor- wide	MHP, Counties, and Cities	\$65,000 – patrol officer \$60,000 – patrol vehicle	Short-term	No







#### **Geometry**

Description	Location		Planning Level Cost Estimate	Implementation Timeframe	Impacted Resources / ROW / Permitting
Intersection Realignment*	RP 24.0 (CR 100) RP 25.6 (CR 340) RP 25.9 (CR 339) RP 28.6 (CR 104) RP 28.9 (CR 340) RP 30.9 (CR 106)	RP 37.5 (CR 112) RP 42.3 (CR 116) RP 43.6 (CR 117) RP 46.9 (CR 348)	\$39,000 to \$310,000 per intersection	Short-term to long-term	Yes
Highway Transition	RP 50.0 (South of MT 16 / MT 23 / MT 200 Intersection)		\$460 per lineal ft	Short-term to mid-term	Yes

<sup>\*</sup>Follow-up responsibility for intersection realignment is Dawson and Richland Counties in coordination with MDT







### **Passing Opportunities and Capacity Improvements**

Description	Location	Planning Level Cost Estimate	Implementation Timeframe	Impacted Resources / ROW / Permitting
Passing Lanes	Corridor-wide	\$1.8 to \$2.0 million per mile (four-lane section with passing lane in both directions)	Immediate to long-term	Yes
Engineering Study to Evaluate Passing Zones	Corridor-wide	NA	Short-term	No
Four-Lane Highway	Corridor-wide	\$153 to \$165 million (entire corridor) \$2.6 to \$2.8 million (per mile)	Long-term	Yes







### **Pavement Preservation**

Description	Location	Planning Level Cost Estimate	Implementation Timeframe	Impacted Resources / ROW / Permitting
Pavement Preservation	Corridor-wide	\$59 to \$64 million (entire corridor) \$1 million (per mile)	As needed	No







### **Public Transportation**

Description	Location	Follow-Up Responsibility	Planning Level Cost Estimate	Implementation Timeframe	Impacted Resources / ROW / Permitting
Transit Study and Park & Ride Facilities	Corridor- wide	Counties, Cities, and Stakeholders	\$30,000 (transit study) \$300,000 per park & ride facility	Mid-term to long-term	Transit Study: No Park & Ride Facilities: Potentially Yes







### **Roadside Safety**

Description	Location	Planning Level Cost Estimate	Implementation Timeframe	Impacted Resources / ROW / Permitting
Roadside Safety	RP 1.1 (East) RP 1.8 (West) RP 2.4 (East) RP 3.0 (East) RP 7.0 (East & West) RP 8.5 (East & West) RP 11.8 (East & West) RP 12.7 (West) RP 14.2 (West) RP 14.4 (West) RP 16.3 (West) RP 17.4 (East) RP 28.5 (East) RP 29.7 (East & West) RP 52.6 (West)	\$40,000 (overhead sign relocation)  \$30 per lineal ft (guardrail)  \$60 per lineal ft (slope flattening average; cost dependent on fill height)	Short-term to mid-term	Overhead sign relocation: No Guardrail: No Slope flattening: Yes







### **Speed**

Description	Location	Planning Level Cost Estimate	Implementation Timeframe	Impacted Resources / ROW / Permitting
Speed Study	Corridor-wide	NA	Short-term	No







### **Traffic Control Devices & Safety/Warning Features**

Description	Location	Planning Level Cost Estimate	Implementation Timeframe	Impacted Resources / ROW / Permitting
Traffic Signals	Full Signalization RP 50.0 (MT 16 / MT 23 / MT 200)  Enhanced Intersection Warning RP 50.4 (MT 16 / MT 200 / CR 123) RP 53.7 (MT 200 / CR 126) RP 58.0 (MT 200 / CR 130) RP 60.7 (MT 200 / CR 132) RP 61.7 (MT 200 / CR 133)	\$500 (new sign) \$30,000 per flashing beacon \$300,000 per signal	As needed	No







### **Traffic Control Devices & Safety/Warning Features (continued)**

Description	Location	Planning Level Cost Estimate	Implementation Timeframe	Impacted Resources / ROW / Permitting
Signing & Striping	Inventory: Corridor-wide  RP 50.0 (MT16 / MT 23 / MT 200)  RP 52.6 (MT 16 / MT 200 / Holly St.)	Inventory: NA \$500 (new sign) \$26 per ft <sup>2</sup> (replacement sign) \$50 per station (striping)	Immediate to mid-term	No
Shoulder / Centerline Rumble Strips	Corridor-wide	\$700 (per strip) \$2,100 (per mile)	Short-term	No
Overhead Lighting	North and south of Sidney & south of Fairview	\$13,000 per fixture (average)	Short-term to mid-term	No







#### **Turn Lanes**

Description	Location	Planning Level Cost Estimate	Implementation Timeframe	Impacted Resources / ROW / Permitting
Proposed Left- and Right-Turn Lanes	<ul> <li>Sidney to Fairview (RP 52.6 to 62.5)</li> <li>RP 17.0 (MT 16 / CR 551)</li> <li>RP 35.3 (MT 16 / CR 110)</li> <li>RP 50.0 (MT 16 / MT 23 / MT 200)</li> <li>RP 53.7 (MT 16 / CR 126)</li> <li>RP 55.8 (MT 16 / CR 128)</li> </ul>	Warrants: NA Turn Lanes: \$160,000 to \$250,000 per turn lane	Warrants: Short-term Turn lanes: Short-term to mid-term	Warrants: No Turn Lanes: Yes
Existing Turn Lane Reconstruction	RP 53.7 (CR 126)	\$130,000 to \$140,000	Short-term to mid-term	No





#### Fairview End Study (RP 62.5) CR 340 CR 104 CR 130 CR 339 CR 340 CR 128 CR 126 Area Not Included in Study (RP 50.4 - RP 52.6) MT 200/MT 23 LEGEND Illustrated Options Reference Posts Intersection Realignment Highway Transition MT 16 / MT 200 Alignmen Railroad Park & Ride Facilities City Boundaries 2011 NAME \ Intersecting Koauway (including County, Local, & State roads) Intersecting Roadway Roadside Safety Improvements Signing & Striping Overhead Lighting Potential Traffic Signal Location Proposed Turn Lane Location Additional Options for Corridor-wide Consideration (not illustrated) Access Management Study Four-Lane Highway Public Outreach Campaigns Pavement Preservation Increased Enforcement Speed Study Signing and Striping Inventory Engineering Study to Evaluate Passing Zones Shoulder/Centerline Rumble Strips CR 110 CR 110 Glendive Begin Study

# Recommended Improvement Options



# Recent and Planned Projects

- O MT 200 / CR 129 Intersection Signing
  - ⊙ Sign Installation at MT 200 & County Road 129 (RP 56.9 RP 57.2). Completed 2012.
- 30 km of Glendive NE
  - Reconstruction of MT 16 (RP 18.6 RP 28.9); Contract amendment passing lanes & centerline rumble strips. Ongoing.
- Sidney Southwest
  - Rehabilitation project with lane configuration and signal modifications (RP 49.8 − 52.6).

     Project let in February 2011.
- O Slide Repair NE of Glendive/MT 11-1
  - ⊙ Slide repair project (RP 13.0 RP 13.5). Started July 2012.
- Fairview Intersection Improvements
  - Traffic signal installation on MT 200 /6<sup>th</sup>, pedestrian crosswalk & flashing beacon at Western Ave, all-way stop control at MT 200/S201 (RP 63.1 − 63.8). Started May 2012.
- SF 119 Glendive Rumble Strips
  - Safety project to install shoulder and centerline rumble strips (MT 16 RP 1.5 − 49.9, MT 200 Sidney to Fairview, & other roadways outside study area). Anticipated start fall 2012.

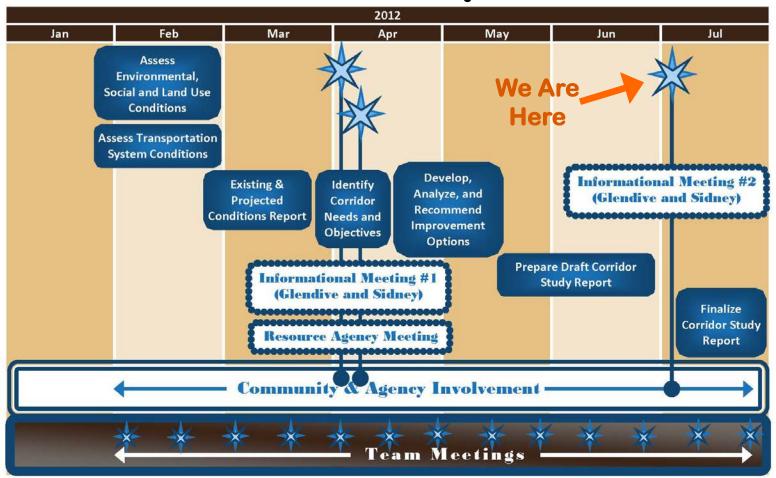








# **Next Steps**









## **Please Submit Comments!**

- Submit Comment Sheet Tonight
- View Draft Report and Submit Comments on Website http://www.mdt.mt.gov/pubinvolve/mt16
- Call or email:

Shane Mintz at 406.345.8212 or smintz@mt.gov Carol Strizich at 406.444.9240 or cstrizich@mt.gov Sarah Nicolai at 406.442.0370 or snicolai@dowlhkm.com

### • Mail comments to:

Sarah Nicolai DOWL HKM PO Box 1009 Helena, MT 59624

Comments Due July 25, 2012







### **MEMORANDUM**

Physical Address: 104 East Broadway Suite G-1 Helena, Montana 59601 Mailing Address: P.O. Box 1009 Helena, Montana 59624

Phone: (406) 442 - 0370 Fax: (406) 442 - 0377

To: Carol Strizich

MDT Project Manager

From: Sarah Nicolai

**DOWL HKM Project Manager** 

Date: July 20, 2012

Subject: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

**July 2012 Informational Meetings** 

#### Introduction

Informational meetings for the MT 16 / MT 200 Glendive to Fairview corridor planning study were held on July 11, 2012 at the Sidney High School cafeteria and July 12, 2012 at the Dawson Community College in Glendive in Lecture Hall UC 102. The following team members and MDT representatives attended the meetings.

Carol Strizich	MDT – Planning Division
Danielle Bolan	MDT – Traffic and Safety Bureau
Stan Brelin	MDT – Traffic and Safety Bureau
Shane Mintz	MDT – Glendive District
Jim Frank	MDT – Glendive District
Steve Heidner	MDT – Glendive District
Keith Bithell	MDT – Glendive District
Marcy Hamburg	Richland County Planner
Russ Huotari	Richland County Public Works Director
Jim Skillestad	Dawson County Commissioner
Sarah Nicolai	DOWL HKM
David Stoner	DOWL HKM

Fifteen (15) community members attended the informational meeting held in Sidney and eight (8) community members attended the informational meeting held in Glendive. In addition to county officials noted above, meeting attendees included Representative Matt Rosendale, Richland County Disaster, Emergency Services Coordinator Butch Renders, Dawson County Disaster Service Manager Mary Jo Gehnert, and Dawson County Commissioner Adam Gartner. Copies of the sign-in sheets are provided at the end of this memorandum.

#### **Media Coordination and Newsletter**

The informational meetings were advertised on July 2, 2012 in the Glendive Ranger Review, Sidney Herald, Sidney Roundup, Culbertson Searchlight, and the Sheridan County News. A press release was emailed to radio stations, newspapers, and other local media outlets on July 2, 2012. Copies of the display advertisement and press release are provided at the end of this memorandum.

Print copies of the study newsletter were mailed to the study mailing list and the following viewing locations:

- MDT Glendive District Office (503 North River Avenue; Glendive, MT)
- Glendive Public Library (200 South Kendrick; Glendive, MT)
- Sidney Public Library (121 3<sup>rd</sup> Avenue Northwest; Sidney, MT)
- City of Glendive Public Works (300 South Merrill Avenue; Glendive, MT)

A copy of the newsletter is provided at the end of this memorandum.

#### **Presentation**

A presentation was provided by Sarah Nicolai at each meeting. Both informational meetings had the same agenda and followed the same format. The presentation began with an introduction of MDT and DOWL HKM representatives. Sarah explained the corridor planning study process and benefits. The presentation continued with an overview of transportation system conditions, corridor needs and objectives, and recommended improvement options. A copy of the presentation is provided at the end of this memorandum.

### **Discussion**

Community members were encouraged to ask questions and provide comments throughout the presentation. Topics of concern are listed below.

#### Safety

- Unsafe passing and following behavior
- Unreported near-miss accidents not captured in crash data
- Perceived high crash frequency

### **Traffic Volumes and Operations**

- High traffic volumes
- High percentage of large vehicles within the traffic stream
- Perceived lower level of service (LOS) than reported in corridor study report
- Long platoons forming behind slower moving trucks

### **Speed Limits**

• Speed differential created by posted speed limits for trucks (60 mph day / 55 mph night) and all other vehicles (70 mph day / 65 mph night)

### **Highway Access**

• Rules, regulations, and county/MDT authority relating to new highway access points

### **Pavement Condition**

Wear and tear on the roadway facility due to the increasing number of large vehicles

### **Passing Zones**

- Perceived shortage of passing zones
- Perceived unnecessary no passing zones at intersecting roads

### **Funding and Project Development Process**

- Limited funding availability for improvements in the corridor
- Perceived need for expedited corridor improvements

Meeting attendees provided the following suggestions for the corridor.

- Elimination of speed differential by creating a single posted speed limit for all vehicles
- Wider approaches and turning radii at intersections
- Additional signage
- Restricting compression release engine brakes
- Turn lanes and speed reduction through Crane
- Passing lanes and expanded passing zones
- New right- and left-turn lanes within corridor
- Education campaign targeting unsafe driving habits
- Four-lane configuration within the study corridor

#### **Written Comments**

One written comments was received at the meeting in Glendive. Additional written comments were received by email and mail. Copies of written comments are provided at the end of this memorandum.



### **Informational Meeting**

Wednesday, July 11, 2012 Sidney, MT

MDT Invites Your Comments:				
Im not sure we need a	I speed some but do think			
it would be a great benefit to				
Que to the big increase in traf				
around a curve - It has a				
	ento Ciane because			
people are unable to see until	they are right on you :-			
plus there is traffic behind the				
Cannot visualist the turning care and may try + pass				
	,			
,				
a <sub>e</sub>				
To receive further study information, please provide your name and address:	Please leave your comments with staff at the meeting, or mail to:			
Name: Laurie amunrud	Sarah Nicolai DOWL HKM			
Address: 34587 Co-Rd 115	PO Box 1009			
Crane MT 59217	Helena, MT 59624			
Charles 2 1917	Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview			
Email: luckygirl 9999 @ hotmail. Com	Corridor Planning Study. Please submit comments by July 25, 2012.			
U U	•			







DOWL HKM

### **Informational Meeting**

Thursday, July 12, 2012 Glendive, MT

MDT Invites Your Comments:				
Thank you for having there	muchngs & atteny hing			
to keep the general pu	the abread of the			
studies of plans. Hwy	16 rally is a huge			
Concern to all of us of	w do offrecate serry			
Thing that has been done a all the yearts				
if confinered studies & construction.				
Thankeyou!				
To receive further study information, please provide your name and address:	Please leave your comments with staff at the meeting, or mail to:			
Name: Mg Gehnut  Address:	Sarah Nicolai DOWL HKM PO Box 1009 Helena, MT 59624			
Email: gihnerting o dawsmounky mail.	Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study. <b>Please submit</b> comments by July 25, 2012.			

DEPARTMENT OF TRANSPORTATION



DOWL HKM

### **Informational Meeting**

Wednesday, July 11, 2012 Sidney, MT

MDT Invites Your Comments:				
I live in Grane, next to the	hi was right on the			
corner. There are two turn offs into Crane and both				
right on a curve. One at the top of a hill and one at				
the bottom. So - There is no place in montana				
That noeds a turn lane more than Crane, especially				
now with all this Oil Boom traffic. That oil				
boom traffic doesn't want to slow down for any oul.				
Bad enough Tistening to it 24 hours a day.				
The state again presenting see so the state of the state				
Bob Koeppler and everyone else in Crane,				
soo regging wan everyone son on course				
To receive further study information, please provide your name and address:	Please leave your comments with staff at the meeting, or mail to:			
Name: Robert Koeppler	Sarah Nicolai DOWL HKM			
Address: P.D. Box 42	PO Box 1009			
	Helena, MT 59624			
Crane MT. 59217	Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview			
Email:	Corridor Planning Study. Please submit comments by July 25, 2012.			

### Nicolai, Sarah

From: Maurice Luke <Maurice.Luke@Truecos.com>

Sent: Wednesday, July 11, 2012 4:39 PM

To: Nicolai, Sarah

Subject: RE: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study - Newsletter #2

### Good morning Sarah,

Thankyou for the update, I will try to be at the college.

### Suggestions:

Being that summer is here and the young people on foot, bicycles, with inner tubes etc, are going to Hollecker lake and are using Hiwy 16. Can the
 45 mph zone be moved north from it's present location now South of the lake area? Previously the 45 zone started North of the lake but was change to it's present location.

Also what would help is to put a trail along the ROW fence so those on bicycles and on foot wouldn't have to be on the highway at all.

2. This 45 mph zone continues to the stop light intersection and Kmart. Perhaps start a 35 mph zone at about the MHP patrol office and then a 25 mph going down the hill to the truck stop. I have seen trucks and the trailways bus going past the truck stop at 45mph then have to brake at the stop light.

What do you think?

### Maurice luke

From: Nicolai, Sarah [mailto:snicolai@dowlhkm.com]

Sent: Tuesday, July 10, 2012 9:05 AM

To: Nicolai, Sarah

Subject: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study - Newsletter #2

### To: Mailing List for MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

Attached, please find a newsletter providing an update on the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study. Informational meetings will be held at 6:00 p.m. on Wednesday, July 11, 2012 at the Sidney High School Cafeteria in Sidney and at 6:00 p.m. on Thursday, July 12, 2012 at the Dawson Community College in Glendive. The purpose of the meetings is to present recommended improvement options and request community feedback on the draft corridor study report. The agenda and format will be the same for both meetings. Additional information may be viewed on the study website at <a href="http://www.mdt.mt.gov/pubinvolve/mt16">http://www.mdt.mt.gov/pubinvolve/mt16</a>

Please feel free to contact me with any questions about the study.

### Sarah W. Nicolai, E.I.

Manager, Planning and Environmental Services (406) 442-0370 ext. 7412



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Please consider the environment before printing.

### Nicolai, Sarah

From: Mike\_McGrath@fws.gov

**Sent:** Thursday, July 26, 2012 4:16 PM

To: Nicolai, Sarah

Subject: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

Hi Sarah,

I was able to look at the Corridor Planning Study and just want to reiterate the Service's previous comments. Thanks for the additional time.

Mike

Mike McGrath Fish and Wildlife Biologist USFWS Montana ES Field Office 585 Shepard Way, Suite 1 Helena, MT 59601

406-449-5225 ext. 201 mike mcgrath@fws.gov



### **Informational Meeting**

Wednesday, July 11, 2012 Sidney, MT

MD1 invites Your Comments:
We are a small family ovented farming community, with a
We are a small family ovented farming community, with a river access troad, an R.E.A. substation, and a school bus troute loops
through the center of town.
He have Lexita of Highway 16 into Crane. The streete are
through the center of fown.  No have depite off Highway 16 into Crane. The streete are  Consistantly busy with farm saupement, boats on trailers, R. V.S.,
7-Whillia, and N.C.A. Serbiceman.
My family and I have lived in Crane for 33 years. The amount of traffic that illegally goes around my car on the right side when I am turning off shap become a daily occurrence.
of traffic that illegally goes around my car on the right side when I am
turning of has, become a daily occurence.
The other families and I have concerns about our children
getting on and of the school bust and about being to and on the highward A reduced speed limit and a turning lane would go a long way
A reduced speed limit and a turning lane would go a long way
to creating peace of mind in our Community.
harking.
Thankyore, Vaniosa Okon

To receive further study information, please provide your name and address:

Name: Andy i Vanessa Olson

Address: Po. Box 33 - 306 Washington Street

Crane, Montana 59217-0033

Email: vanessalo 2@ hotmail. com

Please leave your comments with staff at the meeting, or mail to:

Sarah Nicolai DOWL HKM PO Box 1009 Helena, MT 59624

Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study. Please submit comments by July 25, 2012.







Brian Schweitzer, Governor Richard H. Opper, Director

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • www.deq.mt.gov July 20, 2012

Sarah Nicolai DOWL HKM P.O. Box 1009 Helena, MT 59624

Subject: MT 16/MT 200 Glendive to Fairview Corridor Planning Study

Dear Ms. Nicolai:

Thank you for the opportunity to attend the April 12, 2012, agency meeting on the subject process and the opportunity to comment on the subject draft report.

My comments are fairly brief. The document appears well written and thorough. The comments the agencies offered during the April 12, 2012, agency meeting are well documented in the document's appendices. However, you might consider emphasizing the comments made on behalf of water quality issues in the body of the document.

As you recall, there were some agency concerns relative to the corridor's close proximity to the Yellowstone River and intersection with numerous tributaries to the river. Due to the current and expected increases in truck traffic related to energy development (trucks potentially carrying hazardous liquids) it was suggested that the following design features be considered:

- Bridge deck drainage be directed to retention basins sized to accommodate a volume consistent with the approximate volume of the largest tanker trucks anticipated to use the corridor.
- Roadside ditches or culverts that direct flow to state waters should also include appropriately sized retention basins.

Section 6.7 Roadside Safety, in the final document, might be an appropriate section to include the proceeding design suggestions. These are somewhat secondary safety issues, but relative to human health issues, a release of hazardous chemicals in state waters could be catastrophic.

Again, thanks for the opportunity to comment and do not hesitate to contact me if you have questions at <u>jeryan@mt.gov</u> or (406) 444-4626.

Sincerely,

Jeff Ryan

Water Quality Specialist

Montana Department of Environmental Quality



Historic Preservation
Museum
Outreach & Interpretation
Publications
Research Center

July 18, 2012

Sarah Nicolai, Project Manager DOWL HKM P.O. Box 1009 Helena, Montana 59624

RE: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

Dear Ms. Nicolai:

Thank you for the invitation (received July 10, 2012) to comment on the above-referenced planning study conducted for the Montana Department of Transportation (MDT), in cooperation with Dawson and Richland Counties and the Federal Highway Administration (FHWA). We appreciate the amount of effort showcased by the submitted document and would like to commend all those involved in the process.

After review of the Glendive to Fairview Corridor Planning Study, we would like to forward one recommendation. In addition to the Section 4(f) requirements, it might be beneficial in the Social and Cultural Resources Section (3.3.3) to more clearly discuss the Section 106 process. Perhaps you could consider highlighting the importance and necessity of beginning the Section 106 compliance and review process early in the planning stages?

If you have any questions or comments, please do not hesitate to contact me at (406)444-0388 or <a href="mailto:ksears@mt.gov">ksears@mt.gov</a>. Thank you for consulting with us.

Kathryn Sears

Sincerely

Review and Compliance Officer

Montana State Historic Preservation Program



### MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

### **Informational Meeting**

Wednesday, July 11, 2012 Sidney, MT

MDT Invites Your Comments:				
I would like To See Sp	eed reduction and a Turning			
I would like To See speed reduction and a Turning lane on MT 16/MT 200 Into Crane To make a Safer place for				
our families and The Community.				
Dur Tammes and Community				
•				
6.				
To receive further study information, please provide your name and address:	Please leave your comments with staff at the meeting, or mail to:			
Name: Carolyn Steinley	Sarah Nicolai			
Address: Box 63	DOWL HKM PO Box 1009			
Crane, MT 59217	Helena, MT 59624			
Crane, in Stail	Please indicate comments are for the MT 16 / MT 200 Glendive to Fairview			
Email:	Corridor Planning Study. Please submit comments by July 25, 2012.			





### Nicolai, Sarah

From: Ray Trumpower <trumpwer@midrivers.com>

**Sent:** Tuesday, July 10, 2012 9:41 AM

To: Nicolai, Sarah

Subject: RE: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study - Newsletter #2

Are you really proposing 5 lights? And what is a hiway transition?

From: Nicolai, Sarah [mailto:snicolai@dowlhkm.com]

Sent: Tuesday, July 10, 2012 9:05 AM

To: Nicolai, Sarah

Subject: MT 16 / MT 200 Glendive to Fairview Corridor Planning Study - Newsletter #2

### To: Mailing List for MT 16 / MT 200 Glendive to Fairview Corridor Planning Study

Attached, please find a newsletter providing an update on the MT 16 / MT 200 Glendive to Fairview Corridor Planning Study. Informational meetings will be held at 6:00 p.m. on Wednesday, July 11, 2012 at the Sidney High School Cafeteria in Sidney and at 6:00 p.m. on Thursday, July 12, 2012 at the Dawson Community College in Glendive. The purpose of the meetings is to present recommended improvement options and request community feedback on the draft corridor study report. The agenda and format will be the same for both meetings. Additional information may be viewed on the study website at <a href="http://www.mdt.mt.gov/pubinvolve/mt16">http://www.mdt.mt.gov/pubinvolve/mt16</a>

Please feel free to contact me with any questions about the study.

#### Sarah W. Nicolai, E.I.

Manager, Planning and Environmental Services (406) 442-0370 ext. 7412



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