



Bridger Canyon Corridor Planning Study

STUDY DESCRIPTION

The Montana Department of Transportation (MDT) has initiated the Bridger Canyon Corridor Planning Study to identify potential improvement options for the Montana Highway 86 (MT 86) corridor north of Bozeman.

The goal of the study is to identify short-term and long-term improvements that meet the needs and objectives identified for the corridor. The study process will document existing and projected conditions; analyze potential impacts; identify constraints and mitigations; gather public, resource agency and stakeholder input; and provide recommendations for corridor improvements.

This study is a planning-level evaluation of the corridor. It is not a design, maintenance, or construction project. Depending on need and funding availability, improvement options may be forwarded from this study and developed into projects at a later date.

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PLEASE JOIN US FOR AN INFORMATIONAL MEETING!

Thursday, October 23, 2014 at 6:00 p.m.
Bridger Canyon Fire Hall
8081 Bridger Canyon Rd.
Bozeman, MT

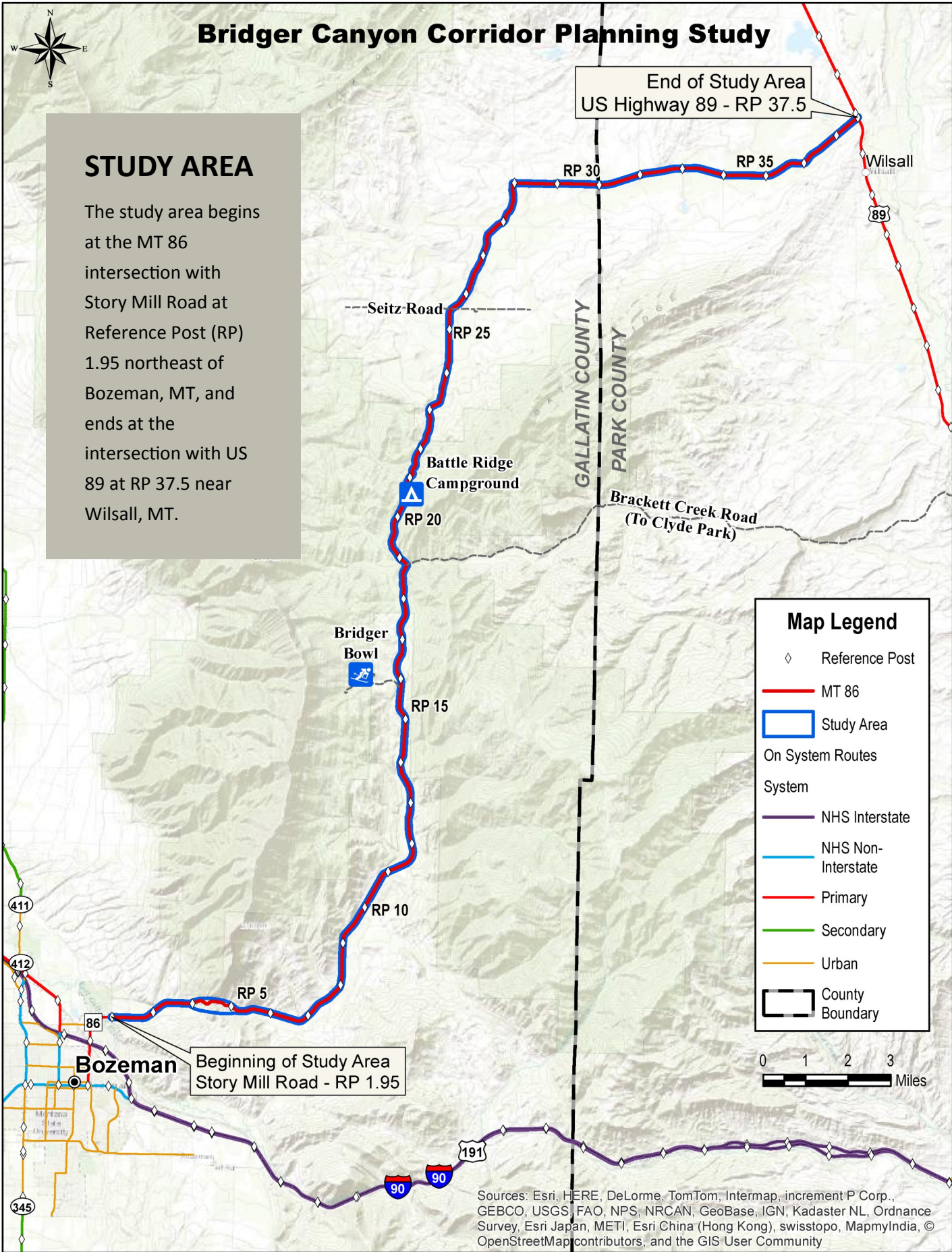
Bridger Canyon Corridor Planning Study



STUDY AREA

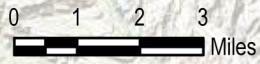
The study area begins at the MT 86 intersection with Story Mill Road at Reference Post (RP) 1.95 northeast of Bozeman, MT, and ends at the intersection with US 89 at RP 37.5 near Wilsall, MT.

End of Study Area
US Highway 89 - RP 37.5



Map Legend

- ◇ Reference Post
- MT 86
- ▭ Study Area
- On System Routes
- System
- NHS Interstate
- NHS Non-Interstate
- Primary
- Secondary
- Urban
- ▭ County Boundary

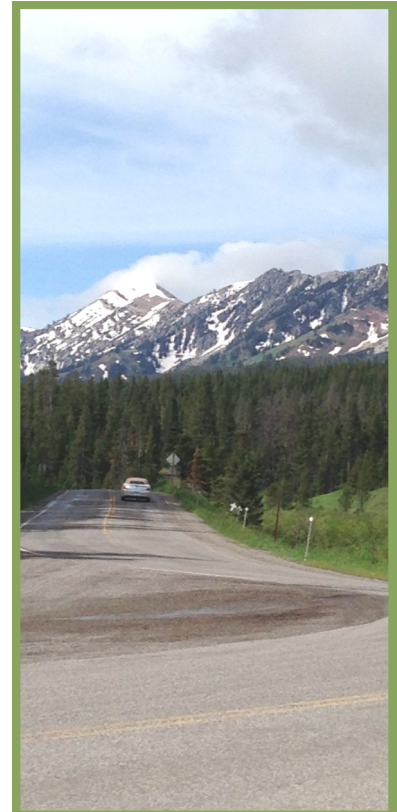


Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

EXISTING AND PROJECTED CONDITIONS

Findings presented in the tables below are drawn from the draft existing and projected conditions report and the draft environmental scan report for this study. Please visit the study website (<http://www.mdt.mt.gov/pubinvolve/bridger>) for more information.

Transportation System	Findings	
	Bridges	<ul style="list-style-type: none"> Three of the 10 bridges in the corridor are candidates for repair.
	Bicycle/Pedestrian Facilities	<ul style="list-style-type: none"> MT 86 provides connections to trail systems in the corridor; no dedicated bicycle/pedestrian facilities are provided adjacent to MT 86. Shoulders range from 0 to 5 feet.
	Drainage/Pavement Conditions	<ul style="list-style-type: none"> Areas of pavement deterioration due to excess water on roadway, poor drainage, and saturated subgrade.
	Rockfall Hazard	<ul style="list-style-type: none"> Slide near RP 4.4 is unstable; earthquake or heavy precipitation could trigger another event.
	Speed & Geometrics	<ul style="list-style-type: none"> 2014 speed study recommended reduced speeds ranging from 45 mph to 60 mph in some areas. 36 horizontal curves and 38 vertical curves do not meet current MDT design criteria. RP 4.0 to RP 24.0 lacks slope protection.
	Crash History	<ul style="list-style-type: none"> From 2009 to 2013, 173 crashes resulted in 59 injuries and 6 fatalities. Areas with high potential for crash reduction occur near RP 5, 9, 19, 21, 29, 30, and 36.
	Traffic Volumes & Operations	<ul style="list-style-type: none"> MT 86 has adequate roadway capacity to serve current and projected future traffic volumes.



Environmental Resources	Findings	
	Surface Waters/ Wetlands, & Floodplains	<ul style="list-style-type: none"> 18 named streams in study area. Bridger Creek, East Gallatin River, and Stone Creek are classified as impaired by DEQ. Wetlands/floodplain zones occur within study area.
	Fish & Wildlife	<ul style="list-style-type: none"> Elk and deer observed crossing roadway. Moose and black bear habitat within the corridor. Streams support multiple fish species.
	Sensitive Species	<ul style="list-style-type: none"> Multiple federally-listed species may occur in study area. Only known habitat for Warm Spring Zaitzevian riffle beetle along Bridger Creek.
	Recreational Resources	<ul style="list-style-type: none"> Numerous recreational opportunities. Several potential Section 4(f) resources.
	Cultural Resources	<ul style="list-style-type: none"> Two sites listed on National Register of Historic Places. Unrecorded sites likely occur within corridor.

STUDY CONTACTS

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INVOLVEMENT OPPORTUNITIES

An informational meeting is scheduled for **Thursday, October 23, 2014**, at the Bridger Canyon Fire Hall, 8081 Bridger Canyon Road, from 6:00 p.m. to 8:00 p.m. We encourage you to attend and provide feedback about your issues and concerns for the corridor.

Please visit the study website (<http://www.mdt.mt.gov/pubinvolve/bridger>) for more information on upcoming involvement opportunities.

MDT attempts to provide accommodations for any known disability that may interfere with a person's participation in any service, program or activity of the department. Alternative accessible formats of this information will be provide upon request. For more information, please call Sarah Nicolai at (406) 324-7412 or Montana Relay at 711.

BRIDGER CANYON

Corridor Planning Study

