

# WIBAUX COUNTY CARLYLE ROAD BRIDGE PROJECT

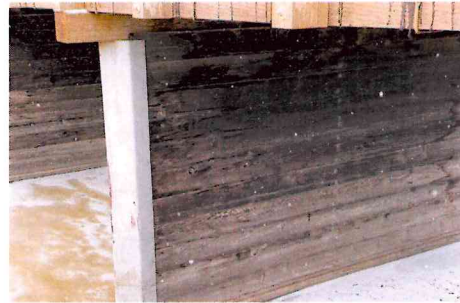


## **The Problem**

The Carlyle Road Bridge, constructed in 1960, is located six miles west of Carlyle and crosses over Beaver Creek. It is used by residents and agricultural operations surrounding the bridge site. Timber girders supporting the bridge have severe cracking and abutment and bent caps show signs of checking. Bridge rails and posts exhibit wear. Deficiencies of the bridge have led to a posted weight limit of 14 tons, which is problematic for moving large agricultural equipment. It is probable that encased piles that are unable to be inspected are in a state of disrepair. MDT has experience with similarly constructed pier walls failing unexpectedly due to the inability to visually inspect the encased timber piles that had rotted through, causing emergency bridge closure. If this bridge were to fail or be closed, users would be required to use a 9-mile detour.

## **The Solution**

Construct a new bulb-tee superstructure founded on driven piles that can carry legal load limits to provide connectivity for residents and agricultural businesses.



## **The Cost**

Current Project Estimate: \$1,383,700  
Funding Applied For (to date):  
• MCEP (ranked #9) \$691,350

## **The Need**

Wibaux County is financially responsible for 9 bridges over 20-ft in length. With a minimal tax base, and a project estimated over \$1 million, the County is depending on grant funding to assist with this bridge replacement project.

## **The Importance**

The Carlyle Bridge serves approximately 12 permanent residents in the vicinity of the bridge. The bridge is also heavily used by agricultural operations, which are the backbone of the County's economy. A new bridge will allow the residents to safely perform agricultural operations more efficiently and will maintain the route for residential access.

*Your Support for the MCEP Program and other infrastructure funding is critical for the success of the Wibaux County Carlyle Bridge project.*



Date: 5-9-22

Stahly Engineering & Associates  
Attn: Adam Hagel, PE  
2223 Montana Avenue, Suite 201  
Billings, MT 59102  
Email: ahagel@seaeng.com

**Subject: Support for Wibaux County Bridge project**

To Whom it May Concern:

I am a user of the bridge located on Carlyle Road over Beaver Creek. I would like to take this opportunity to voice my support of the bridge improvement project currently being planned by Wibaux County for the previously mentioned bridge location.

I am concerned about the problems that have been identified with the existing structure. The construction of a new bridge on Carlyle Road, with the capacity to handle heavier loads, would make transporting farm-to-market loads and emergency vehicle access much easier and less costly than pursuing alternate routes.

Grant funding will serve to make the project affordable for the County. Furthermore, it will allow for future economic growth of agriculture and development in the area.

Thank you for undertaking this important project for our community.

Sincerely,



Comments:

Date: May 2, 2022

Stahly Engineering & Associates  
Attn: Adam Hagel, PE  
2223 Montana Avenue, Suite 201  
Billings, MT 59102  
Email: ahagel@seaeng.com

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Thank you for undertaking this important project for our community.

Sincerely, *Brian Wilson*  
DES Coordinator

Comments:

*As the DES Coordinator for Wibaux County this bridge is vital to emergency services.*

Date: May 2<sup>nd</sup> 2022

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Thank you for undertaking this important project for our community.

Sincerely,

*Darby L. Harrington*

Comments:

*This bridge is vital for our 911 response to the general area. A new bridge would be very beneficial to our office, and the community. Thank you!!*

*Sheriff Harrington*

Date: May 9, 2022

Stahly Engineering & Associates  
Attn: Adam Hagel, PE  
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Thank you for undertaking this important project for our community.

Sincerely,

*David Miska*

Comments:

*This a main road in Wibaux County.  
This would be a great addition to have  
this bridge replaced.*



Date: 9 May 2022

Stahly Engineering & Associates  
Attn: Adam Hagel, PE  
2223 Montana Avenue, Suite 201  
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Thank you for undertaking this important project for our community.

Sincerely,

*Luane A. Hanson*

Comments:

Date: 5-9-22

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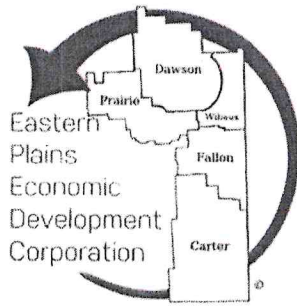
Grant funding will serve to make the project affordable for the County. Furthermore, it will allow for future economic growth of agriculture and development in the area.

Thank you for undertaking this important project for our community.

Sincerely, *Edward J Anderson*  


Comments:





# *Eastern Plains Economic Development Corporation*

May 10, 2022

Wibaux County Commissioners  
203 South Wibaux Street  
Wibaux, MT 59353

Subject: Support for Wibaux County Bridge Project

Dear Wibaux County Commissioners,

I am writing this letter to issue our support for Wibaux County's Montana Coal Endowment Program Grant of the Carlyle Bridge over the Beaver Creek. I am concerned about the problems that have been identified with the existing structure. The construction of a new bridge on Carlyle Road, with the capacity to handle heavier loads, would make transporting farm-to-market loads and emergency vehicle access much easier and less costly than pursuing alternate routes.

Grant funding will serve to make the project affordable for the County. Furthermore, it will allow for future economic growth of agriculture and development in the area. This structure was chosen for replacement due to the deficiencies of the bridge that jeopardize the structure stability, such as the deterioration and section loss of the timber girders, timber piles and timber abutments. The bridge has a low Sufficiency Rating (S.R.) as determined by the MDT (53.3 points out of 100).

Thank you for undertaking this important project for our community. We look forward to partnering together on this great project to provide this critical infrastructure to all residents and users of the Carlyle Bridge.

Sincerely,

Beth Epley  
Executive Director  
Eastern Plains Economic Development Corporation

PO Box 321, Baker, MT 59313

[www.epedc.com](http://www.epedc.com)

Date: 5-9-2022

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Attn: Adam Hagel, PE  
2223 Montana Avenue, Suite 201  
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Thank you for undertaking this important project for our community.

Sincerely,

A handwritten signature in cursive script that reads "Jodee Chaffee".

Comments:

Date: 5/9/22

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Thank you for undertaking this important project for our community.

Sincerely,

*Karina Dace*

Comments:

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Sincerely,

*Ken & Patti Goroski*

**Comments:**

*We use this bridge to get to cropland and hayland. Our heavy equipment travels to and from that location several times in the summer and fall. We also travel to Golve, ND using that route often.*



April 13, 2022

Stahly Engineering & Associates, Inc.  
Attn: Kathy Thompson  
851 Bridger Drive, Suite 1  
Bozeman, MT 59715

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*Insert specific information regarding your individual land.*

Thank you for undertaking this important project for our community.

Sincerely,

*Rob Lund*

I own land south of the bridge Project  
~~to~~ If it has approaches on both sides of  
Beaver creek and also have a rock crossing  
if needed for equipment. Good luck  
on this project!!!  
"Rob

