

Duck Creek Road

Public Information Meeting

May 2nd 2023



Project Partners

Valley County

- County Commissioners: Mary Armstrong, Paul Tweten, John Falgren
- Road and Bridge Supervisor: Todd Young

U.S. Army Corp of Engineers: Fort Peck

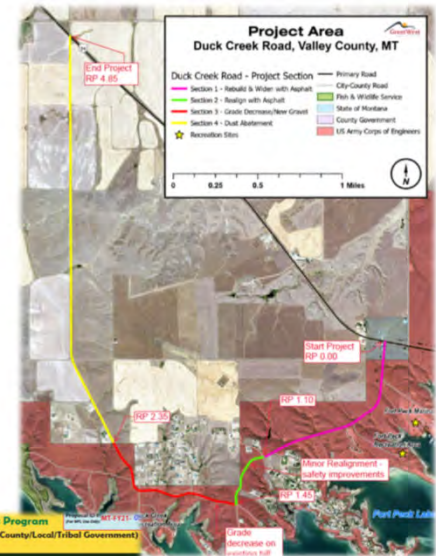
- Operation Project Manager: Darin McMurry
- Chief of Natural Resources: Michele Fromdahl
- Natural Resource Specialist: Cindy Lott

Federal Highway Administration-Western Federal Lands

- Project Manager: Curtis Jorgenson
- Environmental Specialist: Denise Steele
- Design Engineer: Kristina Smith

Project History

- 2009-2020 Seasonal daily traffic counts were increasing to over 2,263 vehicles per day
- 2020-2021 Valley County with USACE support developed a planning level engineering study to repair and update Duck Creek Road.
- 2021 Valley County applied and was awarded \$4.6 million Federal Land Access Program (FLAP) Funding
- 2022 Western Federal Lands started preliminary engineering



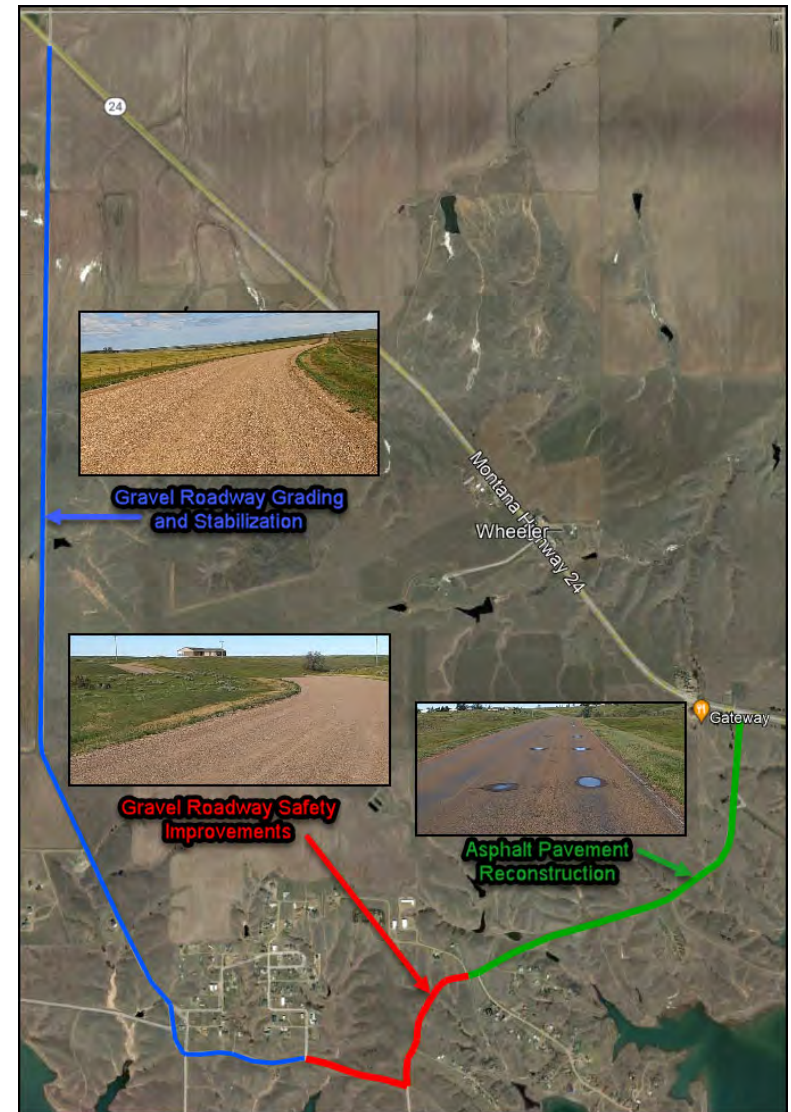
2021 Montana Federal Land Access Program
(To be completed jointly by Federal Land Manager and State/County/Local/Tribal Government)

Project Name	Duck Creek Road Improvements															
Road Name/Number	Duck Creek Road															
Federal Land(s) Accessed (Show on Map)	US Army Corps of Engineers															
Agency (ies) with Title to Road, Bridge, Trail or Transit System	Valley County, Montana															
Agency (ies) with Title to Enhancement Facility	NA															
Agency (ies) with Maintenance Responsibility for Road, Bridge, Trail or Transit System	Valley County, Montana															
Agency (ies) with Maintenance Responsibility for Enhancement Facility	NA															
Type of Proposal	<input type="checkbox"/> Capital Improvements <input type="checkbox"/> Enhancement <input type="checkbox"/> Transit <input type="checkbox"/> Planning <input type="checkbox"/> Preventive maintenance <input type="checkbox"/> Safety Only <input type="checkbox"/> Research															
Key Items of Work (check all that apply)	<input checked="" type="checkbox"/> Paving <input type="checkbox"/> Bridges <input type="checkbox"/> Roadside Safety Structures <input checked="" type="checkbox"/> Safety Enhancements <input type="checkbox"/> Ancillary Parking Areas, Public/Interpretive Sites <input type="checkbox"/> Other (specify below): <input type="checkbox"/> Earthwork <input type="checkbox"/> Major Culverts <input type="checkbox"/> Planning Study <input type="checkbox"/> Bicycle/Pedestrian Facilities <input type="checkbox"/> Transit Facilities or Operations <input type="checkbox"/> Major Drainage Improvements															
Proposed Work Summary	The project will upgrade a 0.95 miles of roadway south of Glasgow, Montana. Milepost 0.0 to 1.1: Reconstruct & widen deteriorated asphalt roadway from 24' to 32' with new asphalt to better accommodate RV/tourist traffic and pedestrians. Milepost 1.1 to 1.45: Existing 30' gravel road upgraded and reconstructed with minor realignment to remove sharp curves and asphalt added to a 12' width. Milepost 1.45 to 2.35: Maintain 30' width and resurface with 1" of gravel with dust palliative. Consider grade decrease on steep hill for better RV/tourist traffic safety. Milepost 2.35 to 4.0: Apply dust palliative to road road dust, increase stability, and extend the road surface laterally (optional work if budget allows).															
Primary Visitor Destinations (Show on Map)	Map Attached: Duck Creek Road provides access to the Charles M. Russell National Wildlife Refuge and Army Corps of Engineers property including picnic areas, campsites, trails, boat slips, and a marina.															
High Use Federal Recreation Sites and/or Federal Economic Generators (Show on Map)	Map Attached: Same as previous section.															
Project (Elevation)	<table border="1"> <thead> <tr> <th>Mile Posts</th> <th>Latitude (decimal)</th> <th>Longitude (decimal)</th> </tr> </thead> <tbody> <tr> <td>Begin</td> <td>48.002125</td> <td>-106.493158</td> </tr> <tr> <td>End</td> <td>48.029960</td> <td>-106.532027</td> </tr> <tr> <td>General Term</td> <td>Glasgow, MT</td> <td>End Congressional District</td> </tr> <tr> <td></td> <td></td> <td>Montana 45 Large</td> </tr> </tbody> </table>	Mile Posts	Latitude (decimal)	Longitude (decimal)	Begin	48.002125	-106.493158	End	48.029960	-106.532027	General Term	Glasgow, MT	End Congressional District			Montana 45 Large
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Duck Creek Road Overview

4.8 Miles Total length

- 1.1 Miles Asphalt Pavement
 - Pavement is over 40+ years old
 - Structure is showing signs of failure
- 3.7 Miles Gravel Surfacing
 - Loose gravel not binding
 - Washboarding and dust
 - Migration of aggregate impacting drainage and snow storage
 - Poor sight distance and steep vertical grades



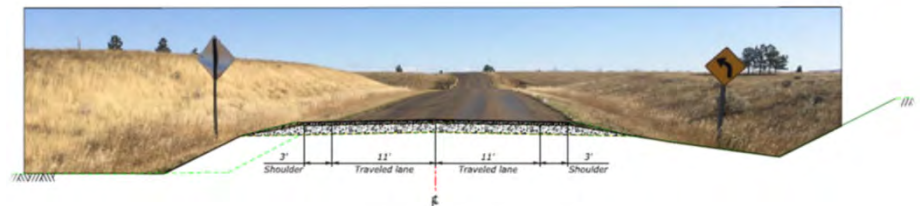
Project Goals

- Reconstruct the existing asphalt pavement.
- Improve safety by reducing snow drifting and vertical sight distance issues.
- Recondition and stabilize existing gravel surfacing.
- Repair and maintain existing roadway drainage
- Provided recreation and commuting access for the community.

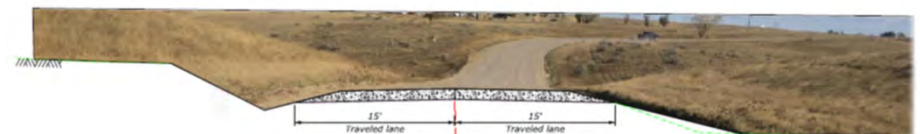


Preliminary Design

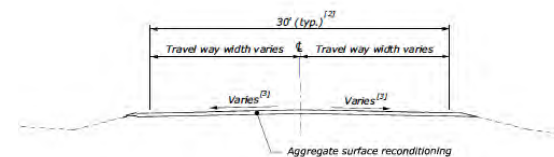
- Updated pavement structure
- Develop aggregate stabilization design
- Establish an consistent roadway widths
- Match existing horizontal alignments
- Determine preliminary impacts
- Determine any major issues



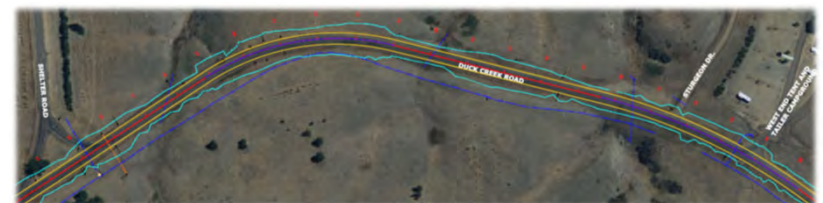
PAVEMENT SECTION
02+20 to 61+95



AGGREGATE SECTION
61+95 to 145+00



"MAIN 01" - SURFACE RECONDITIONING
145+00 to 259+20



Project Schedule

2023												2024												2025											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Preliminary Design																																			
Public Information meeting																																			
Project Environmental Analysis																																			
Project Plan-in-Hand Design																																			
Project Final Design																																			
Advertise for construction																																			
Award Contract																																			
Road Construction																																			

Construction Traffic Delays

Traffic During Construction

- Monday through Friday: Limited Construction Delays on Hwy 93
- Saturday through Sunday, and Holidays: No Delays.
- Partial road closure with limited durations: to be determined.



Questions ?



<https://highways.dot.gov/federal-lands/projects/mt/duck-creek-road>