

U.S. Department of Agriculture Natural Resources Conservation Service  <b>Environmental Evaluation Worksheet</b>	NRCS-CPA-52 10/03	<b>A. Client</b> County of Carbon	
	<b>B. Plan ID No:</b> Shane Ridge Bridge Protection - EWP		
	<b>C. CMU/Fields:</b>		
	<b>D. Client's Objective-</b> to protect the County bridge from future flooding and erosion.	<b>E. Purpose and Need for Action</b> Repair damage caused by the 2005 floods.	

F. Resource Considerations	H. Alternatives and Effects (ATTACH ADDITIONAL PAGES AS NECESSARY)			
	Proposed Action Stabilize the stream bank with riprap and gravel.	No Action	Alt 1	Alt 2
<b>SOIL</b>				
Erosion	Soil erosion will be reduced where the riprap will be installed.	Continued erosion of the banks which could threaten the bridge and county road.		
Condition	No Change	Soil condition would worsen with continued erosion.		
Deposition	Positive- less erosion; less deposition.	Negative- Continued bank erosion would cause down stream deposition.		
<b>WATER</b>				
Quantity	No change.	No change.		
Quality	Positive long term. Less erosion leads to cleaner water. Short term turbidity will the gravel and riprap is being installed.	Continued degradation due to increased sediment from bank erosion.		
<b>AIR</b>				
Quality	No change.	No change		
Condition	No change	No change		
<b>PLANT</b>				
Suitability	No change.	No change.		
Condition	Positive. Plant condition would improve with stable banks.	Negative. Plant condition would worsen if banks cave in continually.		
Management	Positive- less weed control needed if the banks were stable.	Negative – Unstable banks harbor weeds that would have to be controlled.		
<b>ANIMAL</b>				
Habitat	No change.	Fish habitat would degrade with increased sediment.		
Management	No change.	No change.		

G. Economic and Social Considerations	I. Effects			
	Proposed Action	No Action	Alt 1	Alt 2
Land use	No change.	No change		
Capital	Negative short term	Negative- high costs to replace the bridge or road.		
Labor	Negative short term	No change.		
Management level	No change.	No change.		

Profitability	Negative short term due to the cost of the project.	Positive long term if it saves the road or bridge.		
Risk	Low after the banks are stable.	Negative- risk of losing the road or bridge.		

J. Special Environmental Concerns (See "Evaluation Procedure Guide Sheets") Section 610.71 of National Environmental Compliance Handbook	K. Effects			
	Proposed Action	No Action	Alt 1	Alt 2
Clean Water Act/Waters of the U.S	Negative during construction	Negative due to long term erosion.		
*Coastal Zone Management Areas	Not applicable	Not applicable.		
Coral Reefs	Not applicable.	Not applicable.		
*Cultural Resources	None found at site.	None found at site.		
*Endangered and Threatened Species	None in the immediate area.	None in the immediate area.		
Environmental Justice	Not an area with minority groups present.	No change.		
*Essential Fish Habitat	Positive- less sediment	Negative- sediment could damage "reds"		
*Fish and Wildlife Coordination	No change.	No change.		
Floodplain Management	No change	No change		
Invasive Species	Positive. Less bare ground for the weeds to grow.	No Change.		
Migratory Birds	No change.	No change.		
Natural Areas	No change.	No change.		
Prime and Unique Farmlands	Non present	None present		
Riparian Area	Positive – long term bank stability.	Negative- more erosion and deposition.		
Scenic Beauty	No change.	No change.		
Wetlands	Non present.	None present.		
*Wild and Scenic Rivers	Non present.	None present.		

\* These items may require consultation or coordination between the lead agency/RFO and another governmental unit.

L. Easements, permissions, or permits \_\_\_\_\_ Carbon County is responsible for all permits and easements. \_\_\_\_\_

**M. Mitigation**

N. The information recorded above is based on the best available information:

Signature Gordon J. Hill \_\_\_\_\_ District Conservationist \_\_\_\_\_ July 31, 2007 \_\_\_\_\_  
Title Date

O. Agencies, persons, and references consulted Army Corps of Engineers, Montana Fish, Wildlife and Parks. \_\_\_\_\_

**P. Findings.** Indicate which of the alternatives from Section H is the preferred alternative. \_\_\_\_\_

I have considered the effects of this action and the alternatives on the Resource, Economic, and Social Considerations; the Special Environmental Concerns; and the extraordinary circumstances criteria in the instructions for form NRCS-CPA-52. I find, for the reasons stated in Section Q below, that the selected alternative:

\_\_\_\_\_ is **not a federal action**. No additional analysis is required.

\_\_\_\_\_ is **categorically excluded** from further environmental analysis and there are no extraordinary circumstances. No additional analysis is required.

has been **sufficiently analyzed** in an existing NRCS environmental document. No additional analysis is required.

may require preparation of an EA or EIS. The action will be referred to the state office.

**Q. Rationale** supporting the finding \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**R.** \_\_\_\_\_ 7-31-2007 \_\_\_\_\_  
District Conservationist Signature      Gordon J. Hill      Date