

DEPARTMENT OF FISH, WILDLIFE AND PARKS
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ENVIRONMENTAL ASSESSMENT

Project Title: Ravalli County Bridge stabilization

Division/Bureau: *Fisheries/Habitat*

Program: *Stream Protection Act Permit (SPA 124)*

Description of Project: Ravalli County is stabilizing two bridge abutments that streams have scoured. They will divert the flow of the creeks away from the abutments while they grout underneath. They will also move some cobbles under and near the bridge to temporarily move the thalweg away from the abutments.

POTENTIAL IMPACT ON PHYSICAL ENVIRONMENT

	MAJOR	MODERATE	MINOR	NONE	UNKNOWN	COMMENTS ON ATTACHED PAGES
1. Terrestrial & aquatic life and habitats			x			See #1 on Attachment.
2. Water quality, quantity & distribution			x			
3. Geology & soil quality, stability & moisture				x		
4. Vegetation cover, quantity & quality				x		
5. Aesthetics				x		
6. Air quality				x		
7. Unique, endangered, fragile, or limited environmental resources				x		
8. Demands on environmental resources of land, water, air & energy				x		
9. Historical & archaeological sites				x		

POTENTIAL IMPACTS ON HUMAN ENVIRONMENT

	MAJOR	MODERATE	MINOR	NONE	UNKNOWN	COMMENTS ON ATTACHED PAGES
1. Social structures & mores				x		
2. Cultural uniqueness & diversity				x		
3. Local & state tax base & tax revenue				x		
4. Agricultural or industrial production				x		
5. Human health				x		
6. Quantity & distribution of community & personal income				x		
7. Access to & quality of recreational and wilderness activities				x		
8. Quantity & distribution of employment				x		
9. Distribution & density of population & housing				x		
10. Demands for government services				x		
11. Industrial & commercial activity				x		
12. Demands for energy				x		
13. Locally adopted environmental plans & goals				x		
14. Transportation networks & traffic flows			x			

Other groups or agencies contacted or which may have overlapping jurisdiction:

Montana DEQ, , Army Corp of Engineers

Individuals or groups contributing to this EA: *None*

Recommendation concerning preparation of EIS: *Not Recommended*

EA prepared by: *Chris Clancy- MFWP Fisheries Biologist*

Date: *12/4/2015*

Potential impact on physical environment.

The project will entail diverting streamflow away from the bridge while fill and grouting takes place to stabilize the abutments. Some turbidity will result but it should be minor. They will also move some cobbles under and near the bridge to protect the new grout project.

Potential Impacts to the Human Environment:

Stabilizing the bridge abutments will ensure that the bridges do not fail and that local transportation is not disrupted.