

Project Monitoring Summary

Project Name:	Third Fork Culvert Replacement Project (TFCR)
Date of Site Visit:	8/13/2005 and 8/17/2005
People Present:	Melissa Yenke and Trisha Giambra
Weather Conditions:	Sunny and Warm

Wilson Creek Culvert

Purpose of Visit: Post Project Photo Monitoring

Observations:

- Outlet pool has filled in.
- At the inlet of the pipe there material is depositing on the right bank and the thalweg of the stream is currently hitting the end of the footer on the left side of the inlet. (Note: On August 29, 2005 the road crew moved some large boulders in front of the left footer to direct flow away from the footer.) See Figures 14 & 15
- There is active erosion with direct delivery to Wilson Creek from the fill over the pipe on both the upstream and downstream sides. (Note: On August 29, 2005 the road crew added rock to the fill above the culvert to stop erosion of the fill.) See Figures 16, 17, & 18.
- There are bare banks and areas on both the upstream and downstream sides of the culvert. The left bank on the upstream side of the culvert is bare and vertical for approximately 15 ft upstream of culvert.
- There are small (<2' length) ruts in the roadbed (observation made 8/13/05). Forest Road 653 was bladed the week of August 15, 2005 and the roadbed over the culvert is now in good condition (Observation 8/17/05).

Opportunities:

- Seeding and mulching bare areas up and downstream of pipe. Possible Willow Plantings.
- Utilize Road Crew to complete some streambank work on upstream side of culvert.



Figure 14 – Wilson Creek Culvert Inlet (Left Footer) August 13, 2005.



Figure 15 – Wilson Creek Culvert (Left Footer) August 29, 2005.

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Figure 16 – Example of Fillslope Erosion on Downstream Side of Culvert (August 13, 2005).



Figure 18 – Example of Rock Placed on Fillslope to reduce erosion (August 29, 2005).



Figure 17 – Example of Fillslope Erosion on Upstream Side of Culvert (August 13, 2005)

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Photo Monitoring:



Figure 19 – Wilson Creek Culvert Inlet August 2004.



Figure 21 – Wilson Creek Culvert Inlet Following TFCR Project Implementation October 2004.



Figure 23 – Wilson Creek Culvert Inlet August 2005.



Figure 20 – Wilson Creek Upstream of Culvert August 2004.

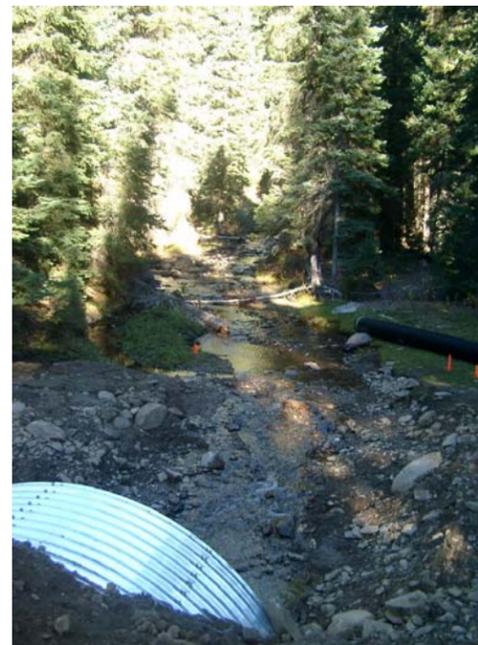


Figure 22 – Wilson Creek Upstream of Culvert Following TFCR Project Implementation October 2004.



Figure 24 – Wilson Creek Upstream of Culvert August 2005.

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Figure 25 – Wilson Creek Culvert Outlet August 2004.



Figure 27 – Wilson Creek Culvert Outlet Following TFCR Project Implementation October 2004.



Figure 29 – Wilson Creek Culvert Outlet August 2005.



Figure 26 – Wilson Creek Downstream of Culvert August 2004.

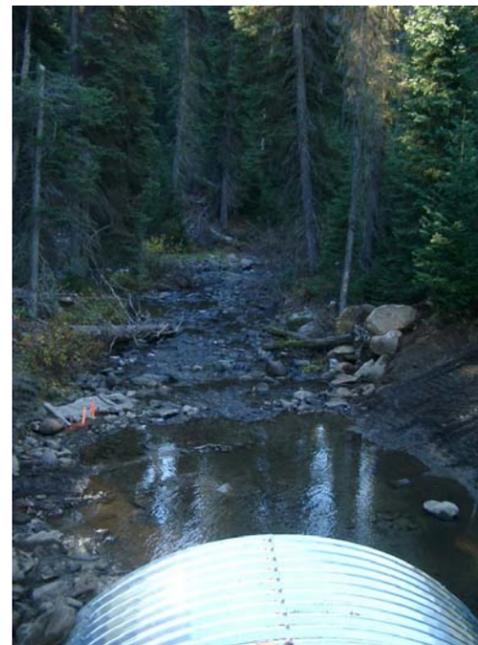


Figure 28 – Wilson Creek Downstream of Culvert Following TFCR Project Implementation October 2004.



Figure 30 – Wilson Creek Downstream of Culvert August 2005.