~ Project Site Tour ~

What: The HLWD is hosting a Project Site Tour. This tour will include stops at the cedar revetment site in section 3 of Seward Township in Nobles County and the J-hook weir site in section 4 of Alba Township in Jackson County. This event is free of charge and open to the public.

When: The event will take place on Monday, June 30, 2014 at 9:30 a.m.

Where: Participants will meet at the Heron Lake Community Center and will depart at 10:00 a.m. Coffee and rolls will be served.

How: If you are interested in attending, please register with the HLWD office by June 23, 2014 at 507-793-2462 or contact Jan Voit at jan.voit@mysmbs.com.

Tour is limited to 32 attendees and will be filled on a first-come, first-served basis.

The HLWD is seeking to increase landowner awareness of two unique and innovative streambank stabilization structures, cedar revetments and J-hook weirs. Through the use of an Environmental Protection Agency Section 319 program grant, two demonstration sites were installed in the summer of 2010 to illustrate the effectiveness of these two practices.

To implement a cedar revetment, whole trees are cut and anchored horizontally at the base of a streambank. The trees slow the current, decreasing erosion and allowing silt and sand to be deposited along the bank and within the tree branches. The deposited material forms a good seed bed in which trees can sprout and grow. The resulting trees spread roots throughout the revetment and streambank. The bank should be stabilized through the roots of the living trees by the time the revetment decays. The cedar revetments also provide excellent fish and wildlife cover. Based upon recently completed projects, the average cost for a cedar revetment is $6.50 per linear foot. An average cedar revetment project is approximately 300 to 400 feet per bend. The cost per bend would be around $1,950.00 to $2,600.00.

The J-hook weir is an upstream directed, gently sloping structure composed of natural materials such as boulders, logs, and root wads. It is installed on the outside of a stream bend. Water velocity is decreased in the near-bank region and increased in the center of the channel. The hook portion produces a long, deep, wide pool that has an added benefit of holding cover for fish. Based upon recently completed projects, the average cost for a J-hook weir is $2,200.00 per J-hook. An average completed project contains two or three J-hooks per bend.
Coming!

Project Site Tour
June 30
9:30 a.m.

Contact us with your questions or concerns; call 507-793-2462 or email jan.voit@mysmbs.com.

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