

SILVICULTURE FIELD TIP (And Roads!)

Field tested ideas.
Contact the author for further information.



Division of Forestry

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BEAVER BARS

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Bob's beaver bars, Dana's design, and Keyth's easy installment plan are all the successful components of a team DNR beaver control apparatus for forest road culverts.

handle. The straight end can be sharpened, but this isn't always necessary. The bent handle enables a person to pull the re-rods one by one. The length of a re-rod is the diameter of the culvert plus a foot. If the bottom is soft, a longer length will be needed.

Re-rod size will depend on the diameter of the culvert. The larger the culvert, the thicker the re-rod you should use. Dana says re-rod is made from crushed old cars and seems to weather well.

Recommended re-rod to culvert sizes are as follows:

Re-rod	1/2"	5/8"	3/4"	1"
Culvert Diameter	12-18"	18-36"	36-60"	60"+

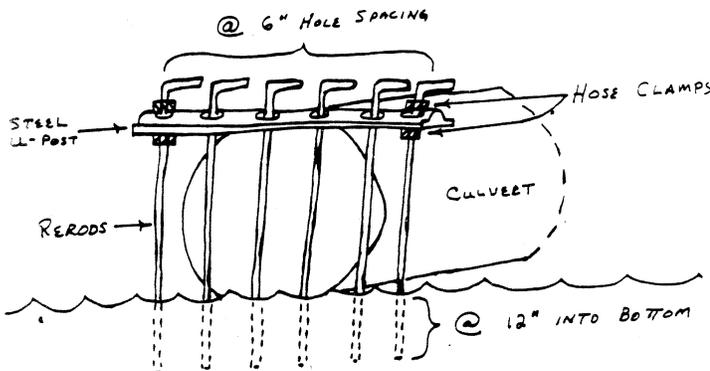
The small hose clamps are installed on the two end re-rods to support the horizontal U-post. Four hose clamps are suggested, one on either top and bottom of the U-post.

This beaver control apparatus is placed on the upstream (inlet) end of the culvert. By simply pulling the individual rods, the force of the water will push the accumulated debris through the culvert. Occasionally, one may have to install this apparatus on the outlet end of a problem culvert that has slow water flow where ingenious beaver can crawl in and plug.

Remember Bob's beaver bars,
Dana's design, and
Keyth's EZ installment plan.

The materials are cheap and readily available.

Plus the BONUS feature: only two moving parts, the rods and YOU.



Bob's Beaver Bars
Dana's Design
Keyth's EZ Installation

For materials, you will need some heavy-weight steel U-fence posts, re-rod, and small hose clamps. The U-posts are laid horizontally with large enough holes drilled or burned out approximately six inches apart to accommodate the vertically placed re-rod. The length of the U-post should be no shorter than the diameter of the culvert.

The re-rod are inserted through the holes in the U-post to anchor about a foot into the waterway bottom. About six inches of one end of the re-rod is bent to form a 90 degree

