



1. Before – exposed embankments and foot traffic were problems. 2. Rock was strategically placed to allow recreational access. 3. After – large, heavy rock protects the embankments.

Platte River & South Street Stabilization

May 2009 through June 2009

The Platte River flows through the Village of Honor, where it meanders through private land and receives more attention and use from recreationists. At the South Street crossing (site #H-10), folks had trampled the road embankments to get to the river and had built a rock dam to form a large swimming hole. The Benzie County Road Commission had previously placed smaller stone, geotextile, branches and leaves in an effort to protect the banks, to no avail. Partners worked together to stabilize the embankments with large, heavy rock while still providing for recreational access with strategically placed rock steps.

PROJECT COST: \$33,576

LOCATION: N 44.659893 W 86.018915

BEST MANAGEMENT PRACTICES:

- 350 tons of rock riprap placement
- Grading and revegetation
- Road embankment stabilization
- Removal of rock dam downstream of culverts

PROJECT BENEFITS:

- **Halt annual input of up to 3 tons of sediment into the river**
- Reduce pool formation
- Ensure safe recreational access
- Reduce road maintenance

PARTNERS:

- Environmental Protection Agency
- Grand Traverse Band of Ottawa and Chippewa Indians
- Benzie County Road Commission
- Conservation Resource Alliance
- Michigan Department of Environmental Quality
- Michigan Department of Natural Resources
- Benzie Conservation District
- Natural Resources Conservation Service
- Village of Honor