

# Tank Creek & Wingleton Road Crossings Project Pere Marquette River Watershed

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Conservation  
Resource Alliance

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The Pere Marquette River is a state designated Natural River, a federally designated Wild and Scenic River, and a Blue Ribbon Trout Stream. Tributaries like Sweetwater Creek provide critical spawning and escape cover for fish, travel corridors for wildlife, and instream habitat for aquatic insects.

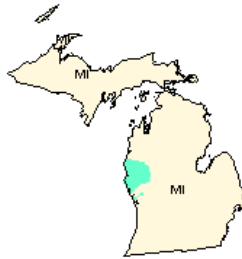
The Wingleton road/stream crossings, sites #L-3 and #L-4, were comprised of perched, undersized culverts. Through this project partners designed and completed the bridge deck replacement and approach work including grading, paving and curbing lineal feet of steep roadway in order to channel runoff away from the stream.

**Project Cost:**  
**\$233,895**

**Contributors:**

- US Forest Service Fish Passage Program \$170,000
- Lake County Road Commission \$56,395
- NRCS Conservation Innovation Grant with CRA \$7,500

**Location**  
**Sweetwater Twp.**  
**Section 20**  
**Lake County, MI**



**Best Management Practices:**

- Replacement of 72' x 3' dia culvert with concrete 88.3'L x 4' dia culvert & end sections at Tank Creek #L-3.
- Replacement of 70'L x 2' dia culvert with concrete 94.3'L x 4' dia culvert & end sections at Tank Creek East #L-4.
- Guardrail installation.
- Placement of 130 cubic yards fieldstone.
- Pave & curb 1,600 lineal feet of approaches (26' wide roadway).
- 6 spillways.

**Partners involved:**

Pere Marquette River Restoration Committee including the following partners – US Forest Service, Conservation Resource Alliance, Lake County Road Commission, Wilcox Professional Services, Michigan Department of Natural Resources and Environment, & Pere Marquette Watershed Council.

**Project Benefits:**

- Natural movement of woody debris, substrate, fish & aquatic insects.
- Reduce sedimentation of

# Tank Creek West and Wingleton Road Site #L-3

Inlet before



Outlet before



Inlet after



The Tank Creek sites were challenging in dealing with significant fill, groundwater seepage, unearthing buried concrete and wood, and placing sections of culvert that weighed 9,000 lbs each.



Setting a concrete culvert is a meticulous process.



**Tank Creek & West Wingleton Road cont.**

**Severely eroding shoulders – Before**



**Spillways – After**



**Curbing - After**



**Wingleton Road – Before**



**Paving & curbing – After**



