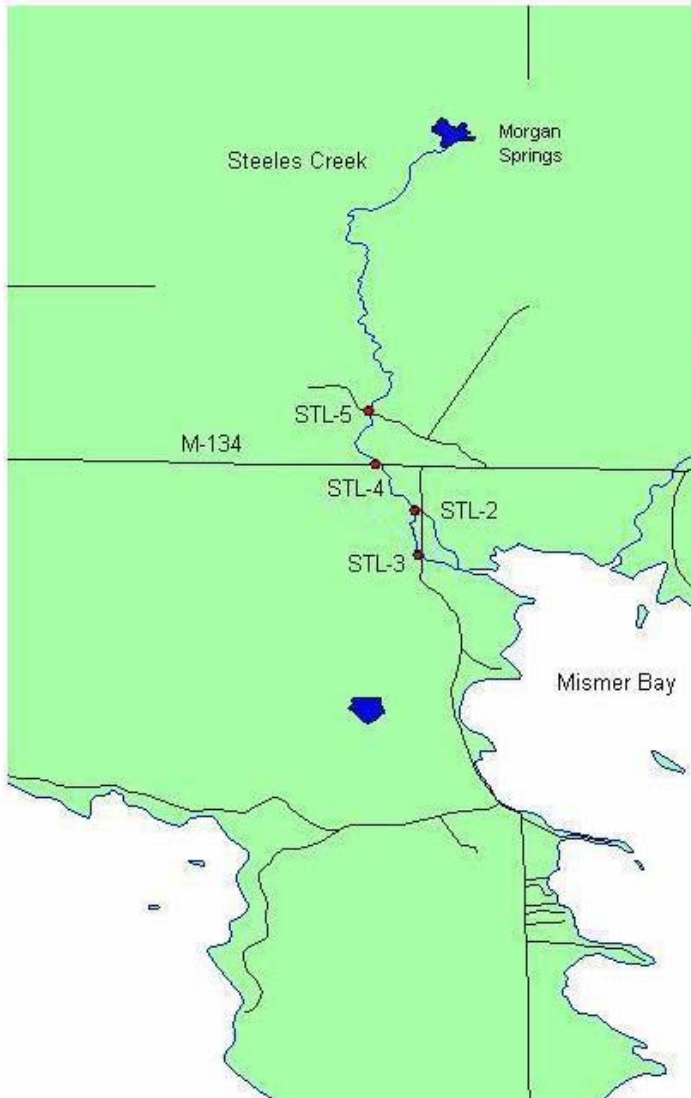


Steeles Creek

At Schneider Crossing (Czech Road)
STL-5



Upstream



Downstream



Steeles Creek

At Schneider Crossing (Czech Road)
STL-5

Steeles Creek at Schneider Crossing (Czech Road)

Site I.D.: STL-5

GPS Coordinates: N 46.01669
W 84.47563

Township: Clark

County: Mackinac

Adjacent Landowners: Private

Road Information

Jurisdiction: Private

Surface: Gravel

Width at Crossing: 12 feet

Maintenance: Year around

Low point: At stream

Drainage Control Features: None

Approach Length: Left: 0.5 mile
Right: 0.1 mile

Slope: Left: 0 percent
Right: 1-5 percent

Ditch/shoulder vegetation: Left: Heavy
Right: Heavy

Average Width of Grade: 18 feet

Runoff Path: Ditch

Stream Characteristics

Average Width: Upstream: 15 feet
Downstream: 16 feet

Average Depth: Upstream: 10 inches
Downstream: 12 inches

Average Current: Upstream: Moderate
Downstream: Fast

Substrate Type: Upstream: Sand/gravel
Downstream: Gravel

Adjacent Wetlands: Yes

Visible Down Cutting: No

Culvert Information

Culvert Type: Single

Length: 20 feet

Diameter: 4 feet

Material: Galvanized

Condition: Good

Culvert Flow: Clear

Fish Passage Problem: No

Fill Depth: Inlet: One foot
Outlet: One foot

Embankment Slopes: Inlet: 1.5:1
Outlet: 1.5:1

Steeles Creek

At Schneider Crossing (Czech Road)
STL-5

Conditions and Treatment

Erosion Conditions

- Pool formation at culvert outlet
- Sand/soil over crossing

Recommended Treatment

- None

Erosion Severity Rating: Moderate (22)

Overall Condition Rating: Minor

Cost: See BMP Cost Tables

Comments: The culvert at this crossing is too small for spring and fall flows. This is a high gradient area with quality riffle habitat below the crossing. The small culvert provides a bottleneck promoting blockage.

