

Law Creek

at M-134 (west branch)
LAW-3



Upstream



Downstream



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Site I.D.: LAW-3

GPS Coordinates: N 46.01368
W 84.46100

Township: Clark

County: Mackinac

Adjacent Landowners: Local Government

Road Information

Jurisdiction: MDOT

Surface: Paved

Width at Crossing: 42 feet

Maintenance: Year around

Low point: At stream

Drainage Control Features: None

Approach Length: Left: 0.3 mile
Right: 0.45 mile

Slope: Left: 0 percent
Right: 0 percent

Ditch/shoulder vegetation: Left: Heavy
Right: Heavy

Average Width of Grade: 80 feet

Runoff Path: Ditch

Stream Characteristics

Average Width: Upstream: 5 feet
Downstream: 10 feet

Average Depth: Upstream: 8 inches
Downstream: 36 inches

Average Current: Upstream: Slow
Downstream: Slow

Substrate Type: Upstream: Sand/muck
Downstream: Sand/muck

Adjacent Wetlands:

Yes

Visible Down Cutting: No

Culvert Information

Culvert Type: Single

Length: 75 feet

Diameter: 4 feet

Material: Concrete

Condition: Good

Culvert Flow: Obstructed

Fish Passage Problem: Yes

Fill Depth: Inlet: 3 feet
Outlet: 3 feet

Embankment Slopes: Inlet: >2:1
Outlet: >2:1

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LAW-3**Conditions and Treatment****Erosion Conditions**

- Streambank erosion
- Embankment erosion
- Culvert outlet erosion

Recommended Treatment

- Restore creek channel

Erosion Severity Rating: Minor (14)**Overall Condition Rating:** Minor**Cost:** See BMP Cost Tables**Comments:**

The west branch of Law Creek has been altered by dredging and should be restored to historic drainage pattern. Filamentous algae abounds throughout the creek course and is attached to all emergent vegetation and rocks. Regular coliform and nutrient inventory should continue to assess OSS inputs from the three residents living close to the creek. Sediment load estimated at site = 1.1 tons/year (100ft long x 4 ft bank x lateral recession rate (.05 slight) x .055 tons/cu.ft.