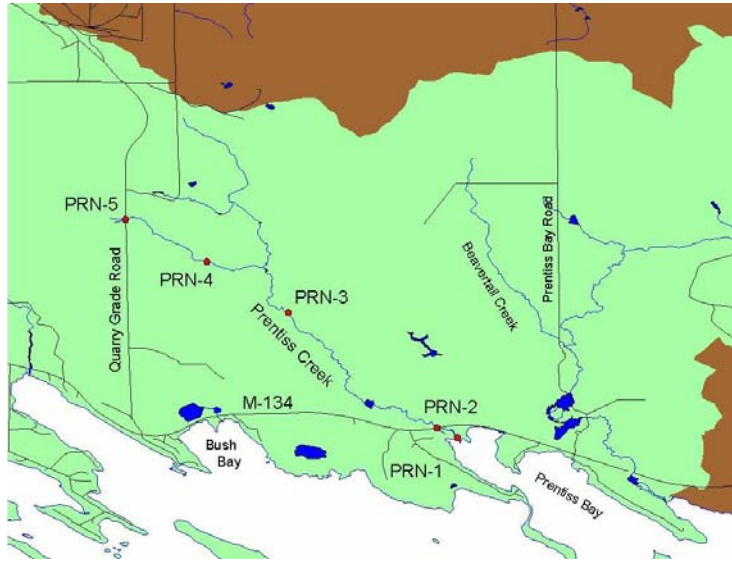


# Prentiss Creek

At Snowmobile Trail  
PRN-3



Upstream



Downstream



# Prentiss Creek

At Snowmobile Trail  
PRN-3

**Prentiss Creek at Snowmobile Trail**

**Site I.D.:** PRN-3  
  
**GPS Coordinates:** N 45.00755  
W 84.25834  
  
**Township:** Clark  
**County:** Mackinac  
**Adjacent Landowners:** Private

**Road Information**

**Jurisdiction:** Private  
  
**Surface:** Sand  
**Width at Crossing:** 14 feet  
**Maintenance:** Seasonal  
**Low point:** At stream  
**Drainage Control Features:** None  
**Approach Length:** Left: 4 feet  
Right: 4 feet  
  
**Slope:** Left: 0 percent  
Right: 0 percent  
  
**Ditch/shoulder vegetation:** Left: Heavy  
Right: Heavy  
  
**Average Width of Grade:** 21 feet  
**Runoff Path:** Roadway

**Stream Characteristics**

**Average Width:** Upstream: 9 feet  
Downstream: 9 feet  
  
**Average Depth:** Upstream: 8 inches  
Downstream: 8 inches  
  
**Average Current:** Upstream: Moderate  
Downstream: Moderate  
  
**Substrate Type:** Upstream: Sand/clay/muck  
Downstream: Sand/clay/muck

**Adjacent Wetlands:**

Yes  
  
**Visible Down Cutting:** No

**Culvert Information**

**Culvert Type:** Wood bridge  
  
**Length:** N/A  
**Diameter:** N/A  
**Material:** Wood  
**Condition:** Fair  
**Culvert Flow:** Clear  
**Fish Passage Problem:** No  
**Fill Depth:** Inlet: N/A  
Outlet: N/A  
  
**Embankment Slopes:** Inlet: >2:1  
Outlet: >2:1

## Prentiss Creek

At Snowmobile Trail  
PRN-3**Conditions and Treatment****Erosion Conditions**

- Other conditions

**Recommended Treatment**

- Lengthen and raise bridge
- Raise approaches
- Install rip-rap along embankments
- Plant vegetation

**Erosion Severity Rating:** Moderate (18)**Overall Condition Rating:** Minor**Cost:** See BMP Cost Tables

**Comments:** This crossing is a simple bridge over the creek supported with cedar poles perpendicular to the creek and planks nailed over the posts. The bridge should be lengthened and thus raised over the creek so that elevated flows during spring, fall, and heavy rain events will not be impeded by the bridge. The embankments should be anchored with rip-rap and heavy vegetation to eliminate erosion at the present embankment. 14 ft long x 1 ft wide x .01 ft/yr x .055 tons/cu. ft. = .0154 tons/year

