

Fish Passage Evaluation Data Sheet

Stream: Tennessee Cr #3

Road #899 Passage ID: _____

Coordinates: Lat 44°17.808 Long 119°18.010

Date: 6/15/17 Crew: Neal

General

Type: **Culvert** | Irrigation | Other Dam | Natural

Rating: **RED** | GREY | GREEN

Fish bearing: No | below only | **above** | potentially **Impassable** | adults only | juveniles | meets criteria

Jump height to Pool: 0.3 ft,

Depth of jump Pool: 0.9 ft Length of Jump Pool: 12.3ft

Depth of downstream controlling riffle: 0.1 ft

Debris blocking jump pool: Yes / **No**

Water Velocity: Above: 10 ft / 9.26 seconds = 1.1 fps
Below: 10 ft / 10.81 seconds = 0.9fps

Stream Substrate size: 63 mm

Potential for debris blockage: **Yes** | No (**Inlet is 50% blocked by debris**)

Stream Slope: Above: rise: 1.03 ft, run: 38 ft = 2.7 %

Below: rise: 0.94 ft, run: 41 ft = 2.3 %

Culvert statistics

Shape: **Circular** | Smashed | Damaged

Material: **CMP** | Other

Condition: Bent inlet | **Debris plugging inlet** | Bottom worn through | Water under culvert |

Fill eroding | Rust present

Other: Culvert is too steep at 7.7%

Structural Condition: Good | Fair | Poor | Critical

Length: 30 ft, Width: 2.0 ft, Height: 2.0 ft

Culvert Slope: rise: 2.31 ft / run: 30 ft = 7.7 %

Substrate inside of Culvert: Yes/No

Inlet

Blockage: None | <10% | >10% 50% blocked with sticks and debris

Outfall

Drop to Pool: 0.3 ft [perch height]

Depth of Pool: 0.9 ft Length of Jump Pool: 12.3 ft

Depth of downstream controlling riffle: 0.1 ft

Bankfull Width/Active Channel Width

Bankfull Width at Culvert inlet: 3.2 ft

Two bankfull width measurements above and three below culvert

3.0ft + 3.4ft + 2.9ft + 3.5ft + 3.4ft / 5 = 3.2 ft

Road Width: 14.0ft

Surface: Dirt | Gravel | Pavement (road was abandoned 20 years ago)

Road Surface Height Above Inlet: 3.21 ft

Road Skewed from Culvert: 40 degrees

Wildlife

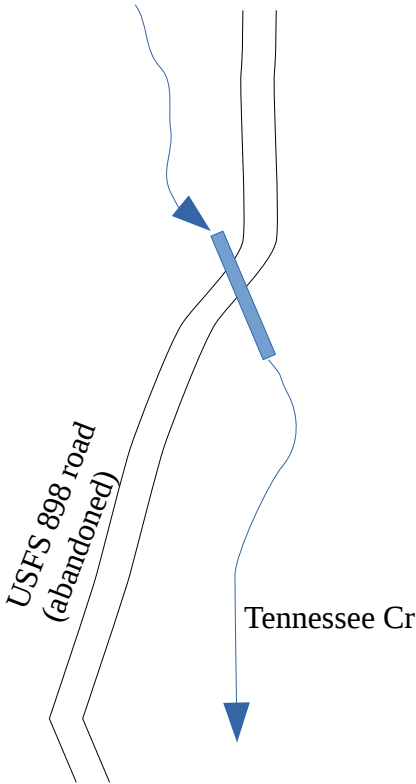
Beaver Presence: Yes | No

Beaver Created Obstruction: Yes | No

Additional Miles Accessed: mi

Sketch

North ▲



I'm Sorry but there are no photographs available for this culvert.