## **Moccasin Branch**

## ok-1005-r-001

Sedimentation Risk Index

24

*mmon*: 3.4mi NE of Crestview

<u>Drainage</u>: Shoal River <u>GPS:</u> 30.779656684, -86.516359725 <u>Land owner</u>: BCC (Board of County Commissioners); Okaloosa

Airport Authority

*County*: Okaloosa *PLSS(T-R-S)*: 3N-23-11

Parcel No.: 3; 9
Road Name: Fairchild Rd

State: Florida





Crossing Structure: DS

Crossing Type and Quantity:

**Crossing Materials**:

Rt Approach Prism Fill:

Lt Approach Prism Fill:

Soil Types:

DS

Risk Factor	Ranking	Score
US Channel Morph	DA	3
DS Channel Morph	С	5
DS Bank Alteration	HIGH	1
Upstream Skew Angle	>30°	1
Crossing fill condition	Poor/Bare soil	1
Inlet/Outlet Condition	Sed Islands/Scouring	3
Road Approach Material	All Sand/Clay	3
Potential Eroded Volume Mean	>40 y <sup>3</sup>	1
Approach Slope Mean	>4%	1
Soil K Factor	0.21-0.40	3
Upstream Rt Outlet	Bare soil	0
Upstream Lt Outlet	Bare soil	0
Upstream Rt Ditch	Bare soil	0
Upstream Lt Ditch	Bare soil	0
Downstream Rt Outlet	Bare soil	0
Downstream Lt Outlet	Bare soil	0
Downstream Rt Ditch	Bare soil	0
Downstream Lt Ditch	Bare soil	0
Outlet Total	Unimproved Outlet System	1
Ditches Total	Unimproved Drainage System	1
SRI Total	High Risk	24

Culvert, 1

Metal 12,13,37,43

1.0in

0.5in



Feature	Within Range	Descriptive Field
303(d)	No	N/A
Wetland Species	Yes	1-3 FOCAL SPECIES IN UPLAND AREAS
Rare and Imperiled	Yes	GOLDSTRIPE DARTER, SPECKLED CHUB, IRONCOLOR SHINER
Land Use/ Cover	Yes	NA/ CYPRESS
Candidate Mussels	No	N/A
Sturgeon C.H.	No	N/A

Notes: Excessive sediment loading and erosion coming from the road and outlets. Fence across US channel.