

Roseau Lake Project



Roseau Lake is in NW Minnesota between the town of Roseau and the Canadian Border. The lake was drained in the early 1900's for agricultural purposes. Attempts to farm the lake basin have been abandoned due to frequent flooding. Currently, Roseau Lake and the surrounding lands flood on a frequency between 1-yr and 2-yrs. This frequent flooding leads to lost crops or greatly reduced yields and lost waterfowl production.

The stated purpose of the project is flood damage reduction & improved habitat for waterfowl, fish and other wildlife. This will be achieved with the construction of embankments and control structures along the Roseau River to better time the flood storage in the Roseau Lake basin.

PROJECT GOALS

- **Improve water level management in Roseau Lake basin**
- **Provide more efficient flood storage and improve the timing of flooding**
- **Control pool bounce to improve nesting success**
- **Provide flood damage reduction downstream**
- **Manage storage and flow release in beneficial consideration of Red River flows**
- **Provide flood damage reduction in agricultural areas both in surrounding areas and downstream**
- **Stream flow augmentation**
- **Enhanced waterfowl, fish and wildlife habitat**
- **Improved water level management on WMA lands to improve vegetation**
- **Reduction in riverbank erosion and bank sloughing on the Roseau River**

PROJECT STATUS

Planning:

- Project Team is actively meeting every other month
- Final engineering and design is underway
- Operation & Maintenance Plan being developed
- Initial Access and Recreation Plans being drafted

Permitting:

- COE Concurrence Points (CP) 1 & 2 have been approved. CP 3 has been submitted
- Environmental Assessment Worksheet is being completed

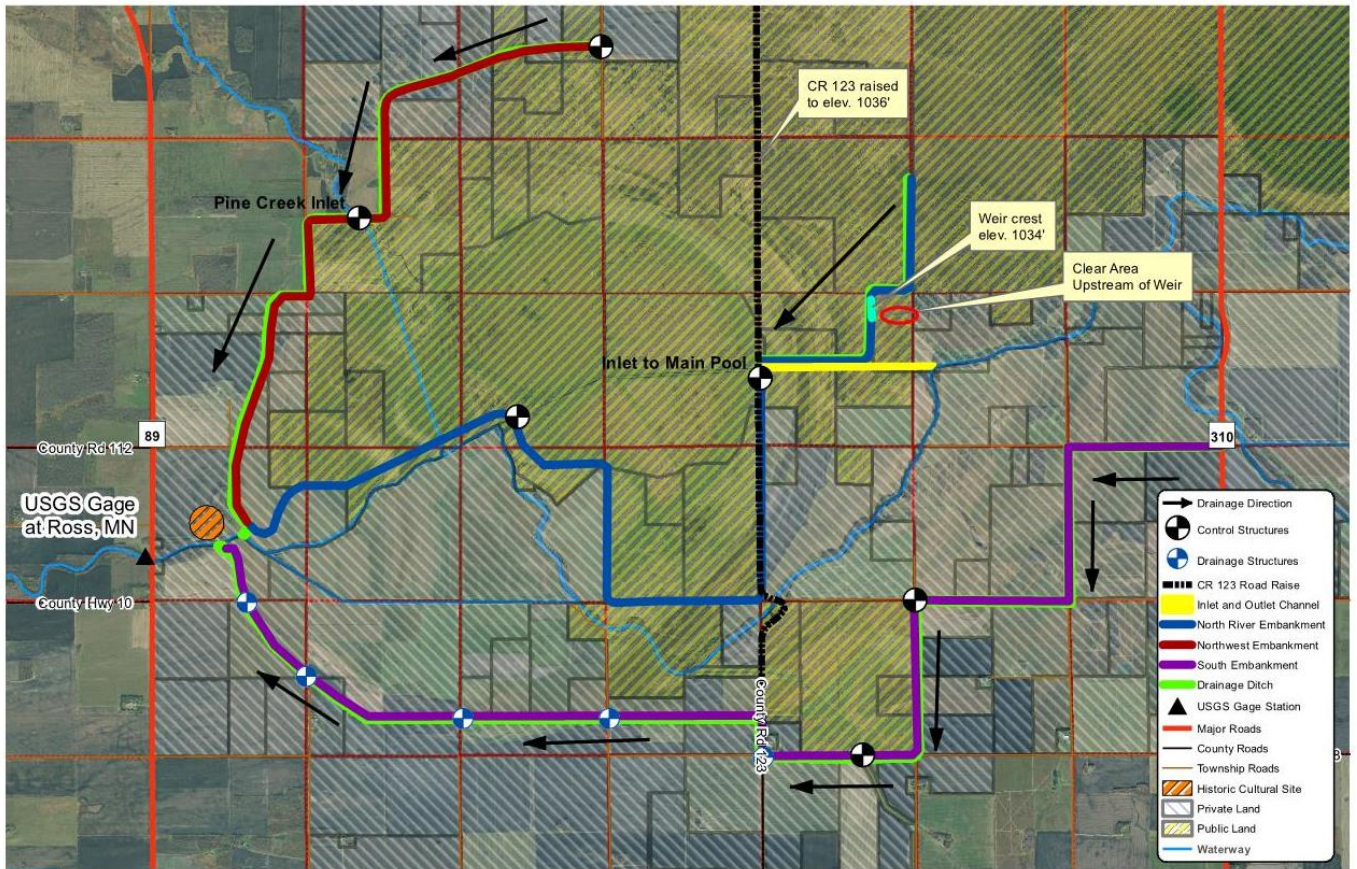
Funding:

- \$1.2M FHM State Grant agreement
- 2.67 M in LOSHC funding
- RRWMB Step II approval
- RRWD local construction funds

Total Cost: \$15M -- State FDR \$8.58M ; LSOHC \$2.67M; RRWMB \$2.5M; RRWD \$1.25M

	Previous Funding	FY2019 (7/1/18-6/30/19)	FY2020 (7/1/19-6/30/20)	FY2021 (7/1/20-6/30/21)	FY2022-2024
Funding	FDR \$0.2 M LSOHC \$0.47 M RB \$0.135M WD \$0.249 M	FDR \$1.0 M LSOHC \$1.6 M RB ??? M WD \$0.25 M	FDR \$3 M LSOHC \$0.6 M RB \$1.675 M WD \$0.5 M	FDR \$3 M RB \$0.21 M WD \$.25M	FDR \$1.58 M RB \$.479 M WD ?????M
Project Status	Planning; Engineering;	Permitting; Plans & Specs; Acquisition;	Acquisition; PH1 Construction	PH2 Construction	Completion

Key: FDR- Flood Damage Reduction; LSOHC – Lessard-Sams Outdoor Heritage Council; RB – Red River Watershed Management Board; WD – Watershed District



ALTERNATIVE 2A



ROSEAU LAKE PROJECT

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ROSEAU LAKE REHABILITATION PROJECT FINAL ENGINEER'S REPORT



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