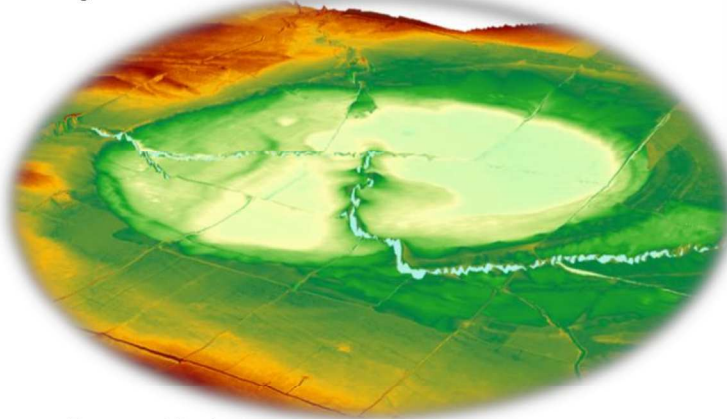


Roseau Lake Project

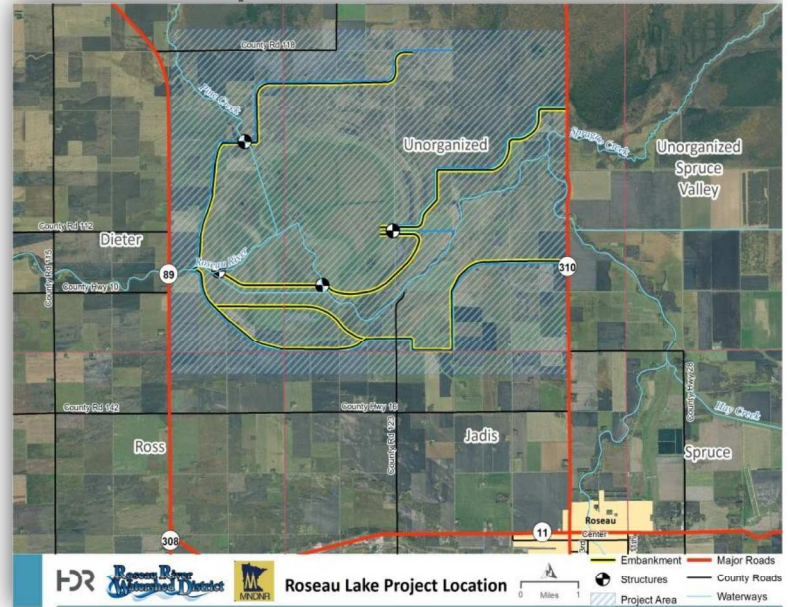
Description/Location:

Roseau Lake is located in northwestern 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. The stated purpose of the project is wildlife enhancement and flood control.

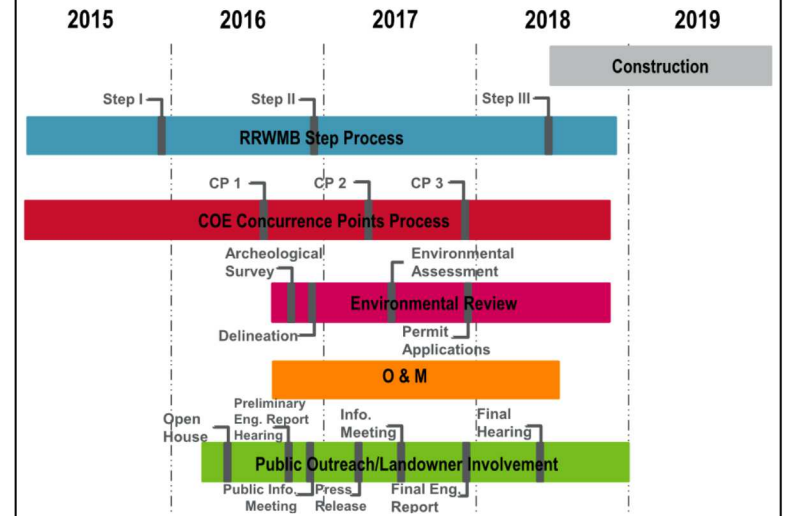
Roseau Lake has provided many years of flood control benefits to the area, but over the years it has become evident that having the ability to control the timing of when the Roseau River floods Roseau Lake would be beneficial. Roseau Lake currently floods with "early water", which diminishes or eliminates the available flood storage when the flood peak of the Roseau River moves through the area.



Roseau River Watershed District Minnesota Department of Natural Resources



Timeline



Proposed Project:

- Construct a series of embankments along the Roseau River to better time the flooding in Roseau Lake to optimize flood damage reduction and natural resources benefits

Project Need:

- With existing conditions 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
- Provide shallow water for wildlife habitat

Project Goals:

- Flood Damage Reduction
- Improve habitat for waterfowl, fish & other wildlife

Project Benefits:

Flood Control

- Improve water level management in Roseau Lake
- Control pool bounce to improve nesting success
- Provide more efficient flood storage and improve the timing of flooding
- Provide flood damage reduction downstream at Caribou
- 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 of Roseau Lake

Habitat Restoration

- Stream flow augmentation
- Improved dissolved oxygen levels
- Enhanced waterfowl, fish and wildlife habitat
- Improved water level management on WMA lands to improve vegetation

Erosion Reduction

- Reduction in riverbank erosion and bank sloughing on the Roseau River

Activities as of June 2016

- Army Corp of Eng. Concurrence Point #1 (Project Purpose and Need) - under development
- Preliminary Engineer's Report underway
- Project Team in progress

Next Steps

- Army Corp of Eng. Concurrence Point #2 (Array of Alternatives and Alternatives Carried Forward)
- Early permitting coordination / Environmental review
- Further concept design
- Public input