

Roseau Lake Rehabilitation Project

This project will manage the available flood storage capacity of the lake basin to reduce flood damages near and downstream of the lake basin.



FLOOD DAMAGE REDUCTION GOAL 1

This multi-purpose project will partially restore a large drained lake, restore and reclaim stream reaches, provide water level management capacity to substantially improve wildlife habitat conditions and provide flood damage reduction benefits, and will contribute to water quality improvements in the Roseau River.

FLOOD DAMAGE REDUCTION GOAL 2

To effectively use the water storage capacity of the lake basin to reduce peak flows on the Roseau River downstream of the lakebed by 10% or more compared to current conditions as well as reduce the footprint of the 100-year floodplain.



NATURAL RESOURCES GOALS

Improve the quality of the Roseau River's fish habitat.

- Minimize entrapment of fish with the lake basin.
- Maintain stream habitat downstream of the lake basin through managing flows.
- Maintain connectivity of the river up- and downstream of the lake basin for fish populations.
- Restore flow to the oxbow of the river that passes through the lake basin in low-to moderate flood events.
- Reduce sediment loading.

Improve recreational opportunities associated with the lake basin and the river.

- Improve waterfowl hunting opportunities within the lake basin as well as on nearby private lands.
- Improve bird-watching opportunities in the lake basin.
- Maintain fishing opportunities on the river.

LEARN MORE

For more information about this or other projects contact the RRWD



Phase 1 - Northwest Embankment, Channel Plug, Moist Soils, Pine Creek Control Structure and Restoration, Heller Pond

Phase 2 - Sprague Creek Mitigation

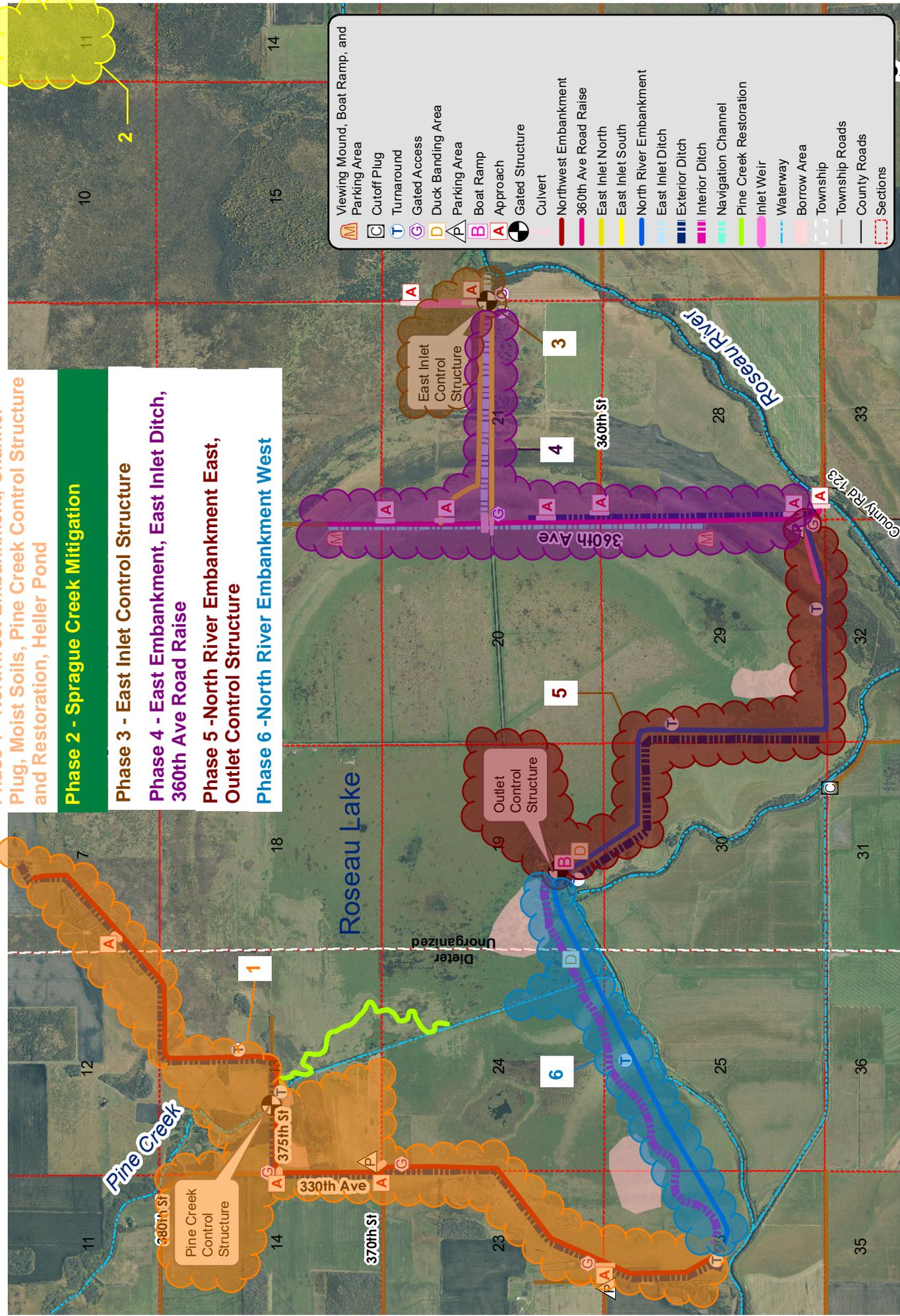
Phase 3 - East Inlet Control Structure

Phase 4 - East Embankment, East Inlet Ditch, 360th Ave Road Raise

Phase 5 - North River Embankment East, Outlet Control Structure

Phase 6 - North River Embankment West

- Viewing Mound, Boat Ramp, and Parking Area
- Cutoff Plug
- Turnaround
- Gated Access
- Duck Banding Area
- Parking Area
- Boat Ramp
- Approach
- Gated Structure
- Culvert
- Northwest Embankment
- 360th Ave Road Raise
- East Inlet North
- East Inlet South
- North River Embankment
- East Inlet Ditch
- Exterior Ditch
- Interior Ditch
- Navigation Channel
- Pine Creek Restoration
- Inlet Weir
- Waterway
- Borrow Area
- Township
- Township Roads
- County Roads
- Sections



ROSEAU LAKE REHABILITATION PROJECT



**Proposed Project Phasing
January 2025**

