CLEAN RIVER PARTNERS

DEPARTMENT OF NATURAL RESOURCES

BOLTON & MENK

Cannon River Fish Passage Improvements

LeSueur County Board
December 23, 2025

Introductions

Clean River Partners: Anna Holman, Conservation Program Manager

Bolton & Menk: Brent Johnson, PE Water Resources Project Manager

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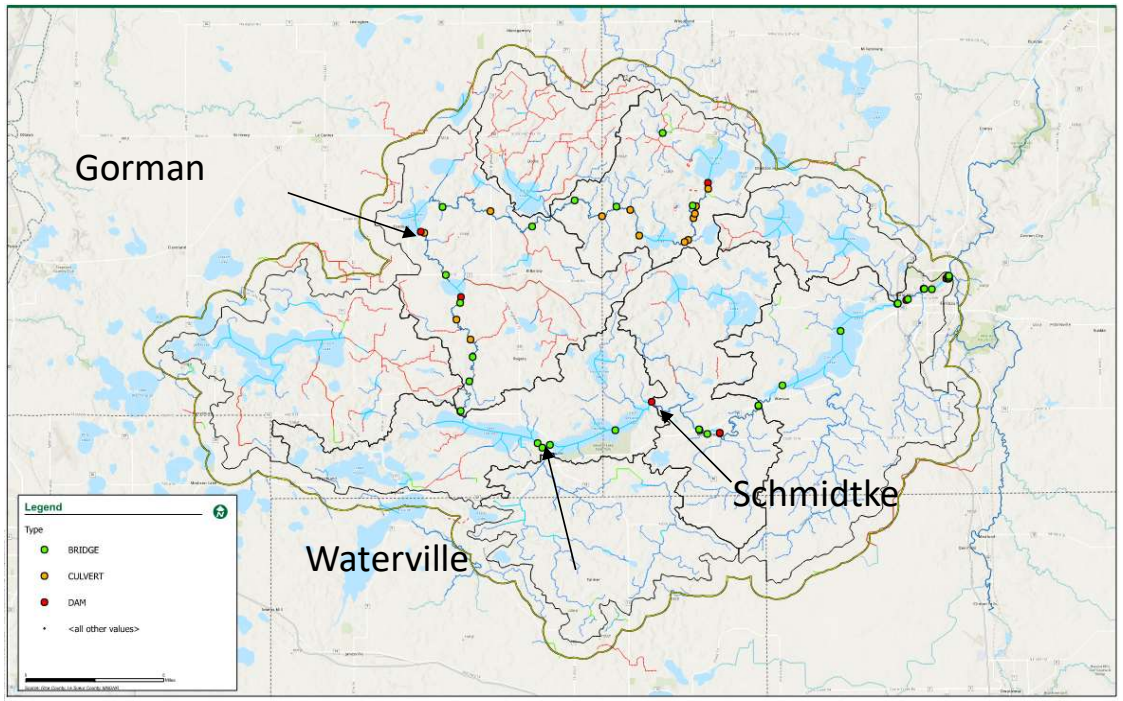
Cannon River Fish Passage Project

Project Scope:

This project involves modifying the Lower Sakatah Lake Dam and Gorman Lake Dam to rock arch rapids and replacing the Dodd Rd. culvert to facilitate fish passage in the Cannon River Watershed.



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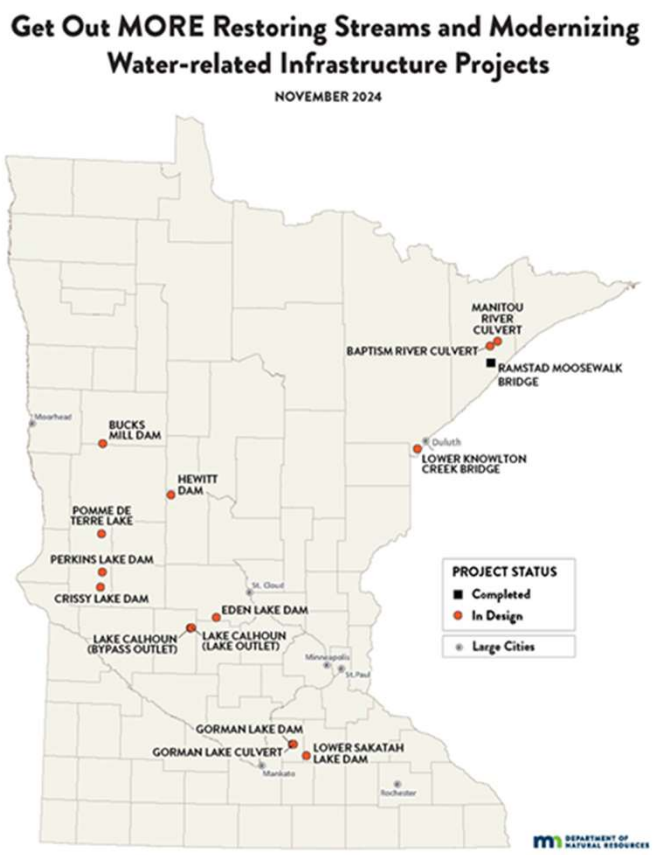
Project Funding

The Cannon River Fish Passage Project is funded through the MN DNR Get Out MORE (Modernize Outdoor Recreation Experiences) Investments which invests $150 million in Minnesota's recreation infrastructure.

Figure 23. Map of awarded water-related infrastructure projects.

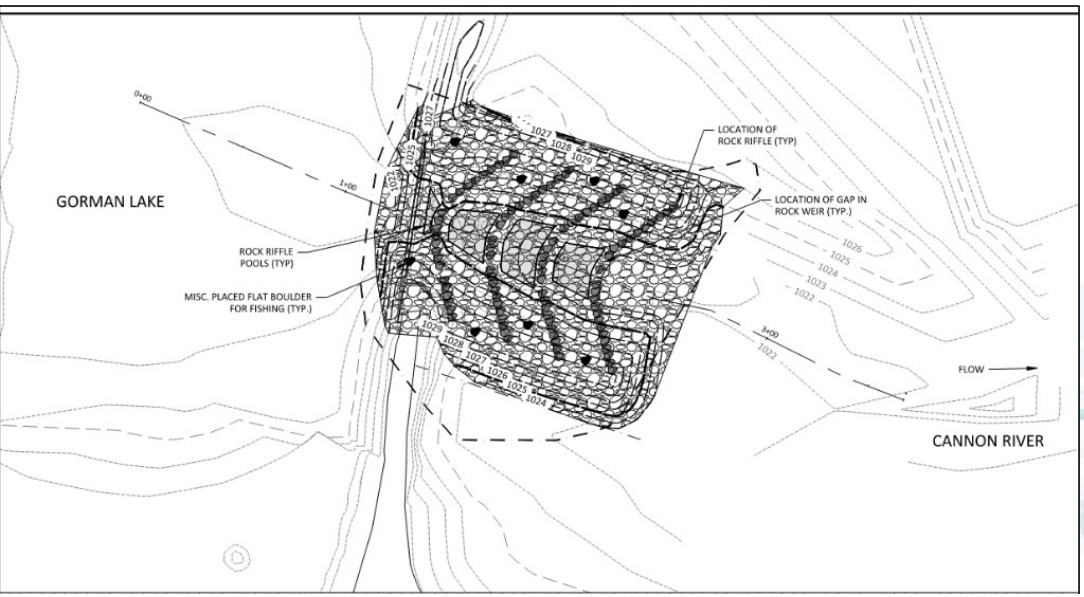


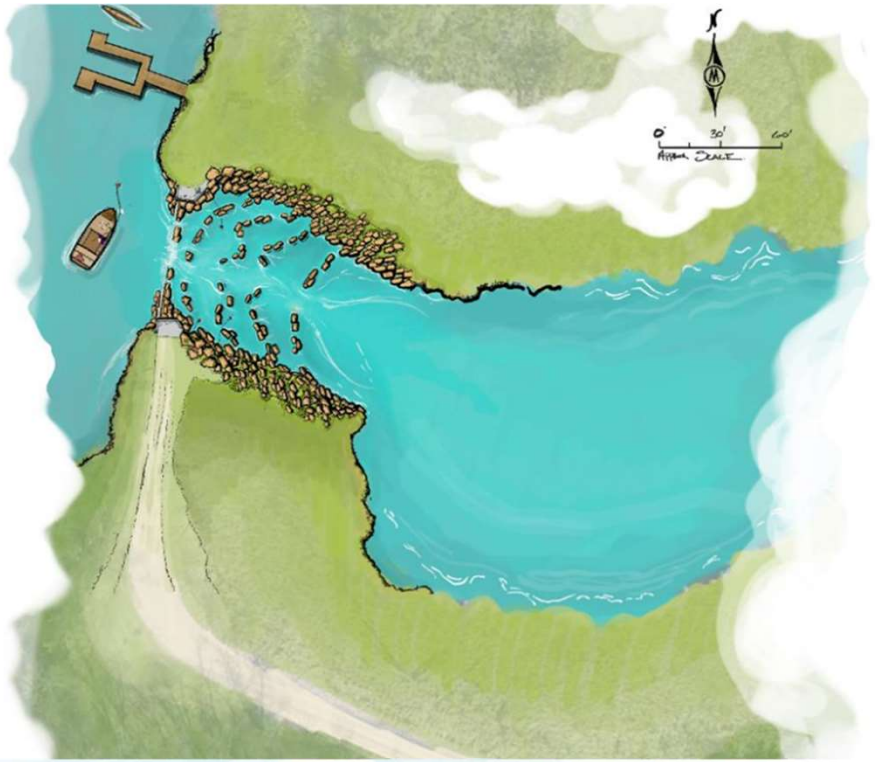
Project Design Approach

- Plan to keep existing weirs and lower parts of old lake outlet dams in place for water level control and seepage control.
- Plan that rock riffles will maintain outlet crest elevation
- Goal is No Change in water levels or Normal Lake Level upstream.
- Construction will be easier since old weirs are not cut down.
- Confirm project designs maintain existing flow conditions and lake water levels in Waterville

Gorman Lake Dam

- Retain Concrete Sill at current elevation
- Abutments will be removed based on condition
- Install rock and boulder rapids downstream
- Working with Cordova Township on new Dodd Road Culverts





Dodd Road, Cordova Township, Culvert Replacement

Existing:

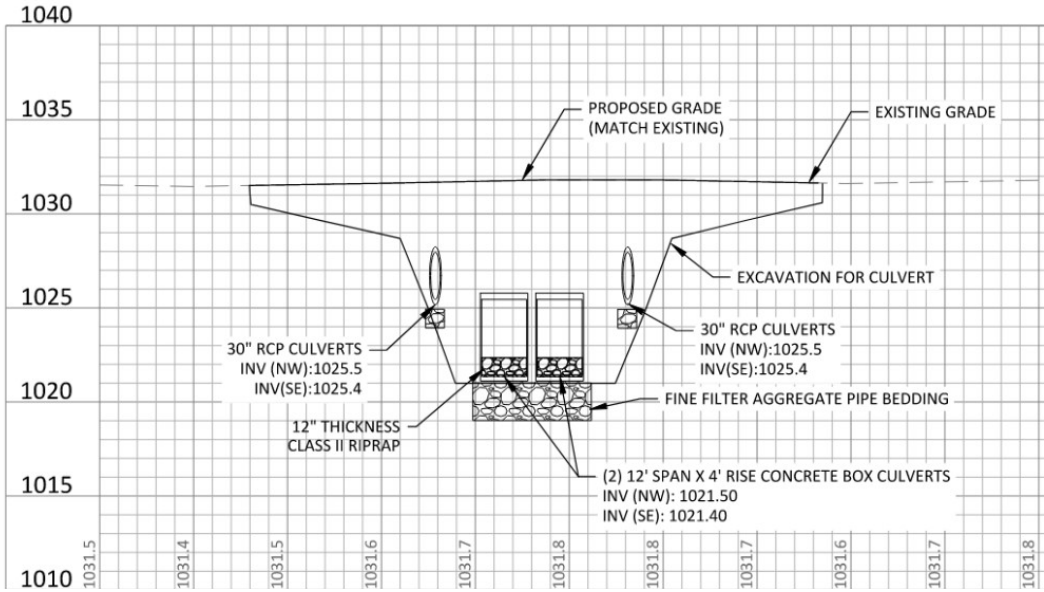
- 12.5' x 7'11" CS Pipe Arch
- Overtops in large floods

Proposed:

- 2 – 12’x4' RC Box buried 12 inches
- 2 – 30” RCPs ~1025.0 ft
- Overtops in large floods

Roadway:

- Overtopping at 1030.15 +/-
- HWL 1030.2 ft (2024)



Schmidtke Dam

Proposed:

- Remove Piers & Walkway
- Retain Concrete Sill at current elevation
- Install rock and boulder rapids downstream