



02.23.2023 Board Meeting
WJD-6 Wetland Restoration Western Tributary Project

Feasibility Report



CLFLWD
WATERSHED DISTRICT

intro



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Blayne Eineichner
Project Coordinator

Role: District Lead



Kyle Crawford, PE
Water Resource Engineer

*Role: Lead Engineer,
Project Manager*



Jimmy Marty, CMWP
Environmental Scientist

*Role: Wetland Restoration
Design Support*



Trevor Rundhaug, PE
Water Resources Engineer

*Role: Modeling & Pollutant
removal*

intro



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CEOR
water
ecology
community

- Site
- Watershed



JD6 Wetland Restora
Water



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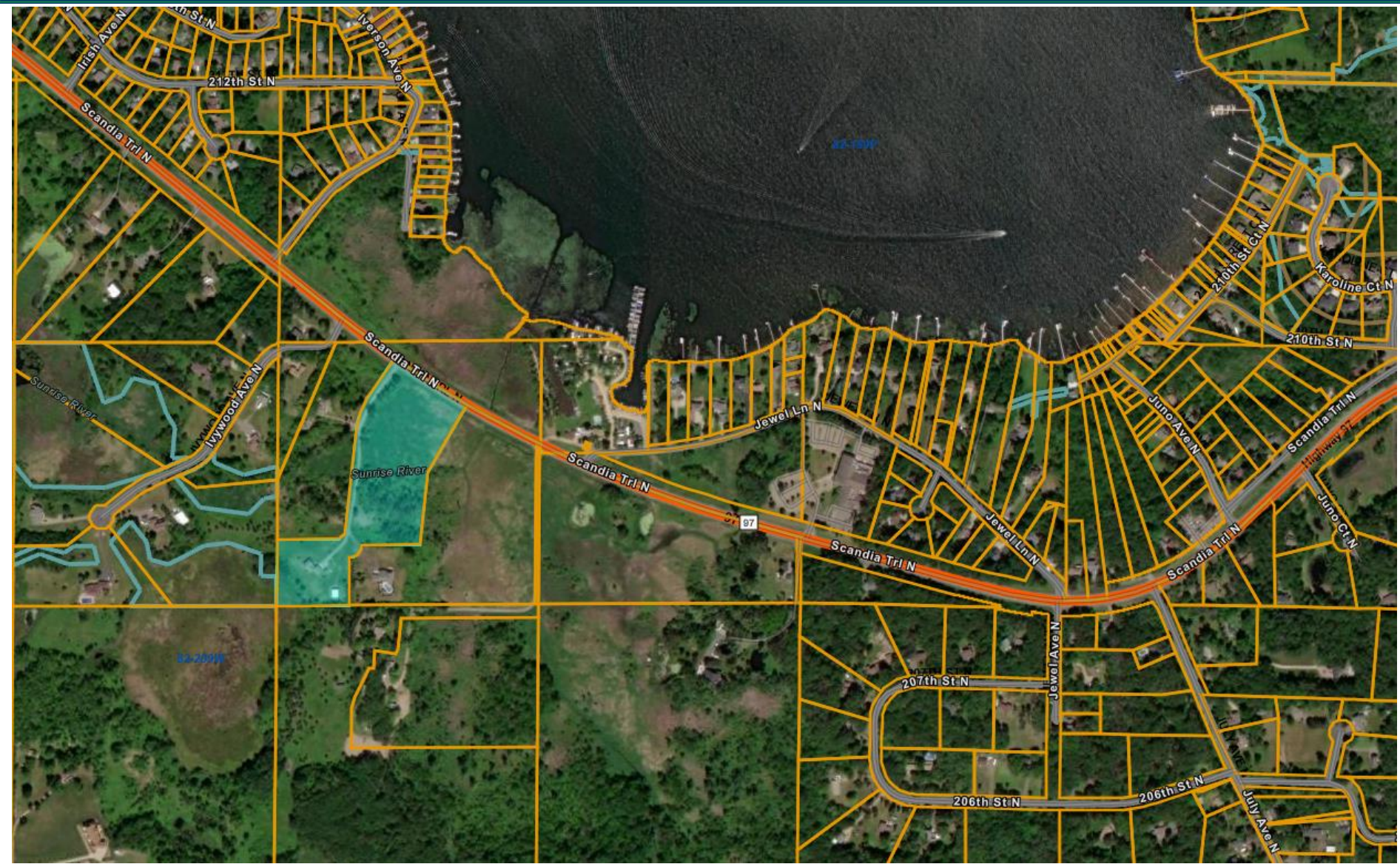
FY22 Clean Water Fund Grant

- Award amount is \$386,000 with a required match of \$96,500
- Grant active through 12/31/2024.
- 20 lb./yr. reduction in phosphorus (34% of remaining Forest Lake treatment goal)

characterization of project



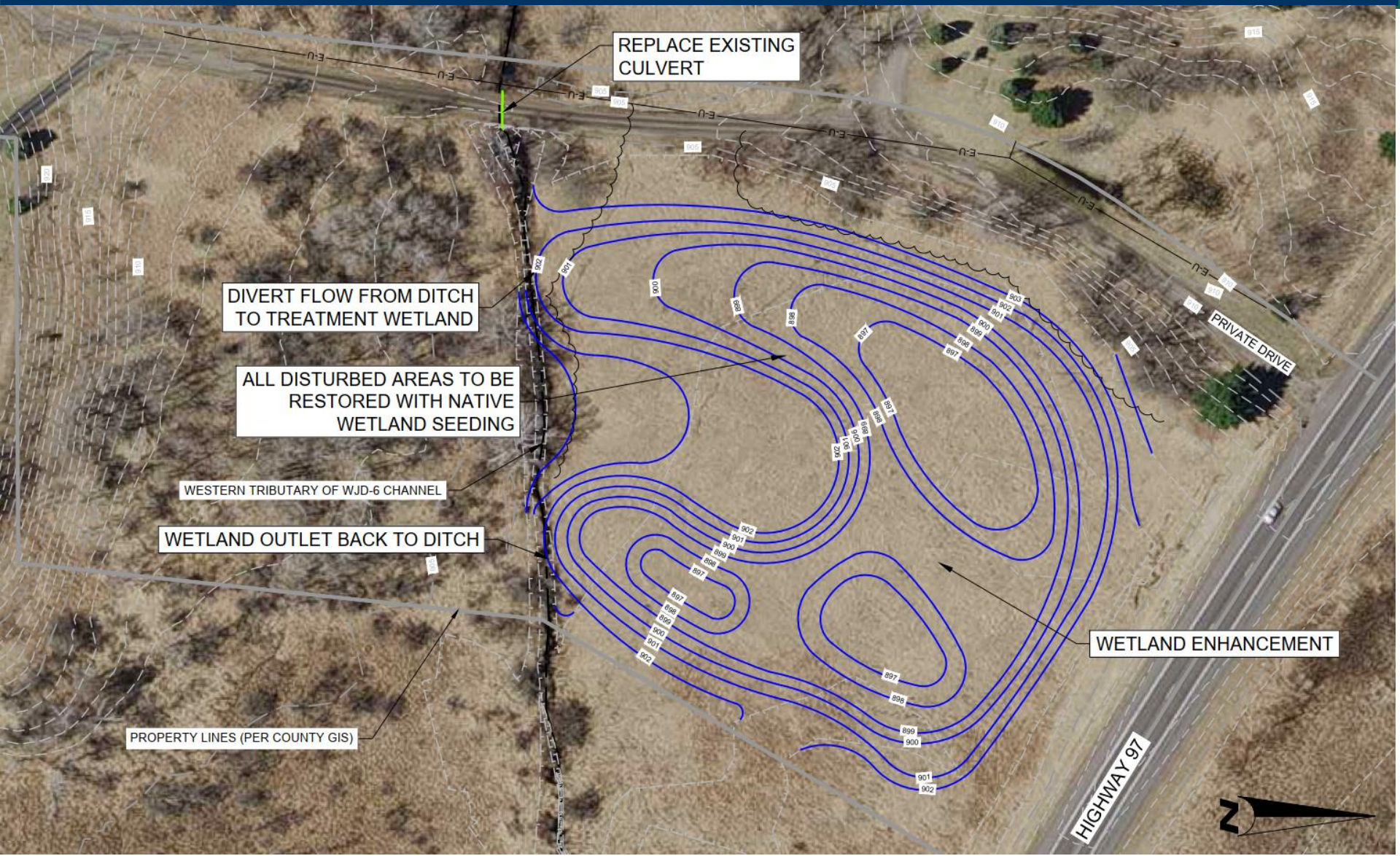
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characterization of project



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construction cost



PROJECT/COMPONENT	COST	\$/lb P
WJD-6 Wetland Restoration Western Tributary	\$377,695 - \$438,943	~\$962

water quality benefits



Phosphorus Reduction

- Annual TP reduction @ practice = 20 lb.

	Total Phosphorus	Total Suspended Solids
Predicted Pollutant Capture Rate compared to Total Load (%)	27 %	73 %
Predicted Average Annual Captured Load	20 lb./yr.	1.6 tons/yr.
Predicted Project Lifespan Captured Load (25yr)	500 lb.	48 tons

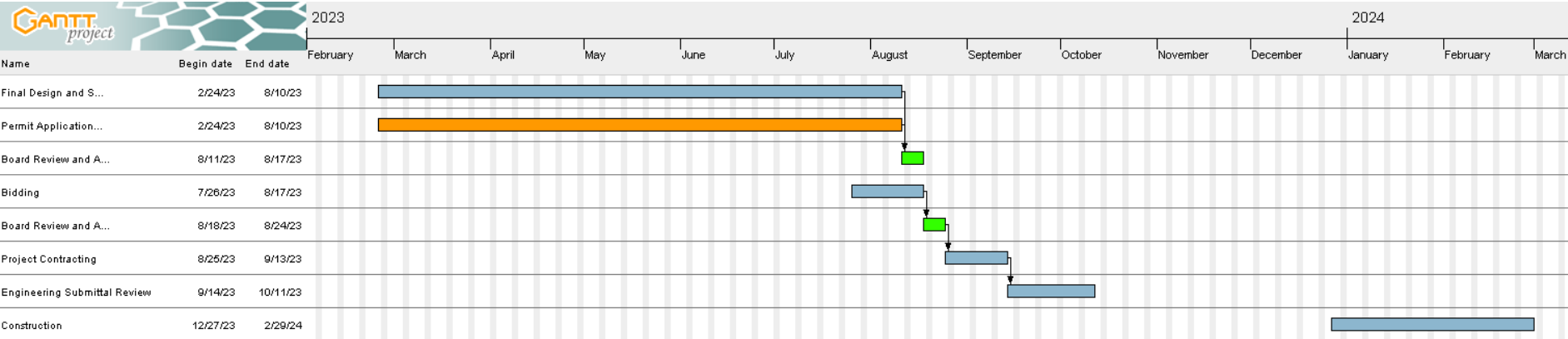
additional benefits



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- **Vegetation restoration**
- **Sedge meadow protection and transplant**
- **Habitat**

schedule





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