

Project Name | Stormwater Improvements for 3rd Ave and Jeffery Blvd

Date | 12/01/2020

To / Contact info | Alex Smith, Wisconsin DNR

Cc / Contact info | Tom Schroeder, Beaver Dam Lake Management District

From / Contact info | Britta Hansen (EOR)

Regarding | Project Status for Grant Closeout – LPT57718

Project Status

EOR and BDLM D have completed all tasks associated with the construction of the three stormwater improvement projects at 3rd Avenue and Jeffery Boulevard in Cumberland per WI-DNR Lake Protection Grant LPT57718.

Project Goals

Goal 1 – *Treat stormwater runoff prior to discharge to restore trophic status of Rabbit Island Bay.*

Deliverable - EOR designed a hydrodynamic separator unit to treat runoff from the 3rd Avenue drainage area, prior to discharge to Rabbit Island Bay.

Goal 2 – *Treat stormwater runoff prior to discharge to restore trophic status of Beaver Dam Lake West.*

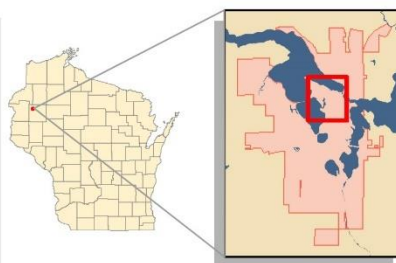
Deliverable - Two stormwater improvement projects were designed along Jeffery Boulevard at two different outfall locations. Both locations include a hydrodynamic separator to treat runoff before discharge to Beaver Dam Lake.

See below for maps of drainage areas to each project site.

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Legend	
	Subwatershed
	Water Quality Unit
	Parcel
	Storm Sewer
	CB
	MH
	Outfall
	Lift Station
	Unidentified



3rd Ave. Drainage Subwatershed

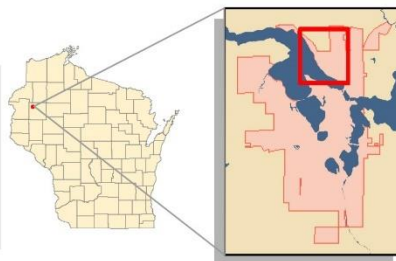


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Legend

- Subwatershed
- Parcel
- Baffle Retrofit
- Sump Manhole
- Storm Sewer
- CB
- MH
- Outfall



**Jeffery Blvd.
Drainage
Subwatershed**




Project Outcomes

Construction plans were completed and a bid package was produced in Summer 2019 (Dated 08/07/2019, with Addendum #1 dated 8/20/2019). Bid opening was held on August 22, 2019. Two bids were received. The contract was awarded to DeSantis Excavating on September 8, 2019. The total contract price was \$200,787.00.

Construction on all three project locations started in the fall 2019 and was completed by summer of 2020. Two change orders were issued throughout the project. Change order 01 was for additional storm sewer work upstream of one of the project locations on Jeffery Boulevard, the total for this was \$10,550. Change order 2 was to replace poor subgrade soils with gravel at a driveway above the project area on Jeffery Boulevard. The total for change order 2 was \$2,750. The final project contract cost was \$214,087.

See below for images of each project site during and after construction.



Photo 1. Dewatering at 3rd Avenue project site during excavation



Photo 2. Installing hydrodynamic separator manhole at 3rd Avenue



Photo 3. Completed site restoration at 3rd Avenue, including seeding and concrete sidewalk



Photo 4. Outlet to Rabbit Island Bay



Photo 5. Materials delivered to Cifaldi site on Jeffery Boulevard



Photo 6. Excavation at Cifaldi site



Photo 7. Installing hydrodynamic separator unit



Photo 8. The restored site at Cifaldi residence, along Jeffery Boulevard



Photo 9. Installing hydrodynamic separator unit at Goldsmith site on Jeffery Boulevard



Photo 10. Final grading at Goldsmith site on Jeffery Boulevard