



# Grant Progress Report

## Watershed Based Implementation 2025

**Grant Title:** Xeon Blvd Crossing Enhancement and Stabilization

**Grant Award (\$):** \$146,366.00

**Grant Execution Date:** 05/14/2025

**Grant ID:** C25-0324

**Required Match (%):** 10

**Grant End Date:** 12/31/2027

**Grantee:** Coon Creek WD

**Required Match (\$):** \$14,636.60

**Fiscal Agent:** Coon Creek WD

**Grant Day-to-Day Contact:** Justine Dauphinais

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$146,366.00	\$0.00	\$146,366.00
Match Funds	\$110,000.00	\$0.00	\$110,000.00
Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$256,366.00</b>	<b>\$0.00</b>	<b>\$256,366.00</b>

\*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

<b>Project Abstract</b>	Coon Creek WD, in partnership with City of Coon Rapids, will improve aquatic organism passage and stabilize active erosion at the Xeon Blvd stream crossing just upstream of the confluence of Sand Creek and Coon Creek. This will be accomplished by upgrading the undersized and perched twin culverts at Xeon Blvd to an appropriately sized box culvert or span bridge, creating a rock vane step pool to raise and stabilize channel grade and alleviate perched conditions, and by stabilizing areas of active bed scour and bank erosion just downstream of crossing. A major barrier to aquatic organism passage from Coon to Sand Creek will be eliminated and TSS and TP loading will be reduced by an estimated 7.15 tons and 6 lbs per year.
<b>Proposed Measurable Outcomes</b>	Improving aquatic organism passage in Sand Creek by restoring habitat connectivity to at least 0.57 miles of impaired stream reach  Reducing TSS and TP loading to Sand and Coon Creeks by 7.15 tons and 6 lbs per year, respectively.

## Budget Details

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Construction	Streambank or Shoreline Protection	Local Fund	LGU levy	\$75,000.00		\$75,000.00	Y
Technical & Engineering Assistance	Technical/Engineering Assistance	Local Fund	CCWD Levy	\$35,000.00		\$35,000.00	Y
Construction	Streambank or Shoreline Protection	Current State Grant	FY25 WBIF Coon Creek WPA	\$146,366.00		\$146,366.00	N

## Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	6	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	7.15	Tons/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	6	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	7.15	Tons/Yr

## Grant Activities

### Activity Name: Administration & Coordination

**Activity Category:** Administration/Coordination

**Staff time?:** Yes

**Description:** This activity includes project coordination, construction management (contracting, oversight), financial tracking, and all required grant reporting. This activity will be carried out by CCWD staff (in-kind).

Specifically, Tyler Thompson, CCWD Field Operations Manager, will serve as the project manager overseeing planning and implementation. Justine Dauphinais, CCWD Water Quality Coordinator, will be responsible for financial tracking and grant reporting with oversight by Julie Peterson, CCWD Financial Management Coordinator.

CCWD staff will first execute a Joint Powers Agreement with City of Coon Rapids that provides proper assurances for access, construction, and long-term maintenance for the effective life of the structures, at least 25 years. This agreement will be submitted to BWSR for review and approval prior to expending any grant funds on construction. CCWD and City of Coon Rapids have entered into four similar JPAs for CWF grant-funded projects since 2018.

#### Key Milestones:

- Annual grant progress report submitted in eLink by Feb 2/1/26
- JPA executed by 5/31/26
- Annual grant progress report submitted in eLink by Feb 2/1/27
- Final report submitted in eLink by 12/31/27

#### Actual Results

<u>Results</u>	<u>Date Added</u>
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A draft JPA between CCWD and City of Coon Rapids (landowner) was submitted to BWSR on 5/27/25 and approved by our Board Conservationist. This JPA is still pending execution awaiting finalization of design plans to be incorporated as an attachment, but will be executed prior to spending any grant funds.	12/31/2025 12:00:00 AM
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CCWD staff have been working on obtaining regulatory approvals and performing feasibility work to advance project design (survey, geotechnical evaluation). CCWD staff has been in contact with Metropolitan Council staff who have requested to align the proposed crossing

**Results**

**Date Added**

replacement work with planned sewer line rehabilitation work adjacent to the project site which is scheduled for late 2026.

CCWD staff continues to document expenditures and staff time and fulfill all reporting requirements (see attached detailed breakdown of in-kind staff time)

**Activity Name: Construction**

**Activity Category:** Streambank or Shoreline Protection

**Staff time?:** No

**Description:** The Sand Cr culvert crossing at Xeon Blvd in Coon Rapids will be upgraded to improve aquatic organism passage and stabilize the actively eroding stream bed and banks. The existing undersized and perched twin culverts will be replaced with an appropriately sized box culvert or span bridge and installed along with grade stabilization rock vanes or engineered riffles and vegetated riprap to alleviate perched conditions and stabilize the channel. This improvement project will reduce TSS and TP loading to Sand and Coon Creeks by 7.15 tons and 6 lbs per year, respectively.

This activity includes site preparation, installation of upgraded culvert, installation of grade and bank stabilization features, and site restoration.

All work will be completed by a qualified contractor selected using a competitive bidding process. Construction oversight and final sign-off will be conducted by a licensed engineer under the direction of the CCWD project manager, Tyler Thompson. Construction is anticipated to be completed by Fall 2026, but may be delayed up to one year if there are delays or issues with permitting, bidding, or construction. \$146,366 is requested from the current grant. A minimum of \$75,000 in local match will be provided.

Key Milestones:

- Construction contractor awarded by 3/31/27
- Sign off on final completion of constructed project by 10/31/27

**Budget Details**

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	FY25 WBIF Coon Creek WPA	\$146,366.00		\$146,366.00		N
Local Fund	LGU levy	\$75,000.00		\$75,000.00		Y

**Actual Results**

<u>Results</u>	<u>Date Added</u>
No activity occurred under this Work Plan Activity in 2025.	12/31/2025 12:00:00 AM

**Final Indicators**

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	6	Lbs/Yr
Sediment (Tss)	7.15	Tons/Yr

Activity Action Name: Grade Stabilization Structure	Activity Count: 0
Practice Type: 410 - Grade Stabilization Structure	Size/Units:
TA Provider/JAA: Private Consultant	Lifespan: 25 Years
Practice Description: Engineered riffle or rock arch cross vane(s)	Install Date:
	Mapped: Yes

Activity Action Name: Bank Stabilization	Activity Count: 2
Practice Type: 580 - Streambank and Shoreline Protection	Size/Units:
TA Provider/JAA: Other	Lifespan: 25 Years
Practice Description: 100 + 50 LF riprap stabilization of actively eroding bank downstream of crossing	Install Date:
	Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	7.15	Literature Value	Sand Creek
Phosphorus (Est. Reduction)	Lbs/Yr	6	Bwsr Calc (Stream & Ditch Stabilization)	Sand Creek

## Activity Name: Public Engagement

**Activity Category:** Education/Information

**Staff time?:** Yes

**Description:** Trail users and adjacent property owners will be engaged in the planning phase of the project via a public meeting, direct mailer, or on-site message center to announce the project and seek feedback from stakeholders. After project construction, a dedicated project webpage and/or on-site interpretive sign will be maintained to showcase the project's benefits. These activities will be carried out by CCWD staff (in-kind).

### Key Milestones:

- dedicated project webpage created by January 31st, 2026
- grant progress report posted to webpage by March 1, 2026
- public notification of the project by meeting, mailings, or signage by September 30th, 2026
- grant progress report posted to webpage by March 1, 2027

### Actual Results

<u>Results</u>	<u>Date Added</u>
No activity under this Work Plan Activity occurred in 2025.	12/31/2025 12:00:00 AM

## Activity Name: Technical & Engineering Assistance

**Activity Category:** Technical/Engineering Assistance

**Staff time?:** No

**Description:** The District Engineer, Stantec, will provide technical and engineering assistance throughout the project. The Engineer will develop and complete final project design plans (including any survey work), assist with securing necessary permits (USACE, DNR Waters), implement the bidding process, and provide construction oversight including on-site supervision and inspections.

Eileen Weigel, P. E., will be the lead Engineer and will adhere to recognized design standards for all constructed practices (e.g. USDA-NRCS FOTG, MN DNR Geomorphic Approach) and provide project sign-off upon completion. This work will be funded by the CCWD local levy and count towards match.

Key milestones:

-Design finalized by May 31, 2026

-Engineer sign off on as-built by October 31, 2027

### Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Local Fund	CCWD Levy	\$35,000.00		\$35,000.00		Y

### Actual Results

Results Date Added

Conceptual design work by the District Engineer, Stantec, for this project in 2024-25 was funded by CCWD and reported as match as part of a separate federal 319 grant (P21-0008) which has now been closed out. We are therefore not reporting any engineering work to date as match under this grant. 12/31/2025 12:00:00 AM

Engineering services in 2026 to finalize design plans, secure permits, implement the bidding process, and provide construction oversight will be counted as match under this grant.