

**CAPITAL IMPROVEMENT PROGRAM**  
**City of Missoula CIP Project Request/Update Form FY 2023 - 2027**

Department Priority		New or Update	Required	Delay	Project Title	
2	of 2	Update	Is this project Required?	Can project be delayed?	Levee Improvements	
Project Rating	Department		Yes	No		
	Public Works					
Required	Storm Water	Is the project APPROVED for Fiscal Year 2023?			FUNDED?	

**Summary Description and rationale of project and funding sources:**

The Stormwater Utility manages four FEMA-accredited levee systems, consisting of over 18,000 feet of levee and nearly 900 feet of flood wall: Clark Fork Area III, Clark Fork Area V, Grant Creek, and Pattee Creek. These levee systems protect over \$14 billion in property and 240 structures. To retain their accreditation and ensure the protected properties receive reduced flood insurance rates, the levee systems must be maintained. Routine maintenance involves removing large diameter trees, non-native trees and shrubs, and addressing other issues that have been identified by the USACE as something that could jeopardize the stability or integrity of the structure. Additionally, upcoming floodplain mapping revisions for the Clark Fork River corridor necessitate renewed certification for the Clark Fork levee systems. Certification is required for the levee systems to retain accreditation, ensuring protected properties receive reduced flood insurance rates.

**History & Current Status: Impact if Cancelled or Delayed**

If the levees do not meet USACE standards or are not certified, then they will lose their FEMA accreditation. Then, the properties behind the levees will no longer receive reduced flood insurance rates. Per FEMA's National Flood Insurance Program, this rate could increase from \$550 to \$2500 annually for a single-family home.

**Are there any site requirements/ Potentially Affected Interest (PAI) Coordination:**

None.

**How is this project going to be funded:**

Funding Source	Prior Years Funding	Yr. 1. budget	Unappropriated subsequent years			
		FY2023	FY2024	FY2025	FY2026	FY2027
Debt Service	125,937	50,000	50,000	50,000	50,000	50,000
<b>Impact Fees</b>		<b>Impact Fees</b>				
Type	Approval	Date	Amount	Amounts		
	125,937	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

**How is this project going to be spent:**

Budgeted Funds	Accounting Code	Prior Year Expenses	FY2023	FY2024	FY2025	FY2026	FY2027
A. Land		-					
B. Buildings		-					
C. Improvements	5450.334.431200.930.000	-	50,000	50,000	50,000	50,000	50,000
D. Machinery & Equipment		-					
E. Percent for Art?		-					
<b>Total</b>		-	50,000	50,000	50,000	50,000	50,000

**History of project and amount left yet to expend**

Total Funded to date	Exps through FY21	FY22 Exps	Amount yet to expend	Description of history (Optional)
\$ 125,937.00	\$ -	\$ -	\$ 125,937.00	

There are additional deliverables as part of the certification package to FEMA that are not covered by the cost-sharing agreement with the U.S. Army Corps of Engineers. An interior drainage analysis, updated operation and maintenance plan, and emergency action plan are required. With draft floodplain maps expected to be released for public comment in calendar year 2022, we are anticipating some effort for an independent review. With the final floodplain maps expected in 2023, we are anticipating engineering and construction of flood management facilities to protect properties south of the Clark Fork River.

Is this equipment prioritized on an equipment replacement schedule?	No
Is there going to be ongoing Operating and/or Maintenance costs upon completion of the project?	Yes

(account for operational savings and/or reduction in current budget of previous operating/maintenance charges)

Expense Object	Accounting Code	FY2023	FY2024	FY2025	FY2026	FY2027
A Personnel						
B Supplies						
C Purchased Services						
D Fixed Charges						
E Capital Outlay						
F Debt Service	5450.334.430210.610		1,671	3,343	5,014	6,685
G (Operational Savings)						
		-	1,671	3,343	5,014	6,685

*NOTE: Approval of the CIP does not indicate approval of the ongoing operating and maintenance costs. Those costs must be submitted as a "New Request" in the regular budget process. This will ensure the coordination exists between the CIP and the new request*

Description of additional operating budget impact:

Levees require regular maintenance and clearing of undesirable vegetation, repair of displaced riprap, and debris removal. Regular maintenance protects the stability of the levees and status of accreditation. Since Missoula's levees have been neglected, it is anticipated that it will take several years of maintenance to get them up to the required standards.

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials
Tracy Campbell	Stormwater			as

**Project**

**Levee Maintenance & Certification**

Grant Creek Levee Improvement (Facility Plan, per recent estimate)

	<b>FY23</b>				
<b>Activity</b>	<b>FY23 Total</b>	<b>Enterprise Fund Portion</b>	<b>Grant</b>	<b>SRF/DEBT</b>	<b>ARPA</b>
	50,000	-		50,000	
<i>Total</i>	<i>50,000</i>	-	-	<i>50,000</i>	-