

## CAPITAL IMPROVEMENT PROGRAM

Department Priority		New or Update	Required	Delay	Project Title					
2	of 2	Update	Is this project Required?	Can project be delayed?	Levee Maintenance and Certification					
Project Rating	Department		Yes	No						
	Public Works									
Required	Storm Water	Is the project APPROVED for Fiscal Year 2022?			FUNDING?					

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

The Storm Water 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?

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#### How is this project going to be funded?

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

How is this project going to be spent?							
Budgeted Funds	Accounting Code	Prior Year Expenses	FY2022	FY2023	FY2024	FY2025	FY2026
P. A. Land	5450.334.431200.930.000	-	251,874	251,895	175,000	175,000	175,000
E. Buildings							
N. Improvements							
S. Machinery & Equipment							
E. Percent for Art?							
<b>Total</b>		-	251,874	251,895	175,000	175,000	175,000

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

History of project and amount left yet to expend				
Total Funded to date	Exps through FY20	FY21 Exps	Amount yet to expend	Description of history (Optional)
\$ -	\$ -	\$ -	\$ -	

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?			No	
(account for operational savings and/or reduction in current budget of previous operating/maintenance charges)					
Expense Object	Accounting Code	FY2022	FY2023	FY2024	FY2025
A Personnel					
B Supplies					
C Purchased Services					
D Fixed Charges					
E Capital Outlay					
F Debt Service	5450.334.430210.610		4,604	9,208	12,406
G (Operational Savings)		-	4,604	9,208	12,406
					15,605

**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	Public Works/Storm Water	5/28/2021	5/28/2021	as	

Project	FY22				
	FY22 Total	Enterprise Fund Portion	Grant	SRF/DEBT	ARPA
<b>Levee Maintenance &amp; Certification</b>					
Missoula Levee Geotechnical Inspection and Recertification (Facility Plan, cost per USACE Scope + other FEMA deliverables)	76,874	-		38,437	38,437
Grant Creek Levee Improvement (Facility Plan, per recent estimate)	175,000	-		87,500	87,500
	<b>251,874</b>	-	-	<b>125,937</b>	<b>125,937</b>
Project	FY23				
	FY23 Total	Enterprise Fund Portion	SRF/DEBT	ARPA	
<b>Levee Maintenance &amp; Certification</b>					
Missoula Levee Geotechnical Inspection and Recertification (Facility Plan, cost per USACE Scope + other FEMA deliverables)	76,895		38,448	38,448	
Grant Creek Levee Improvement (Facility Plan, per recent estimate)	175,000		87,500	87,500	
	<b>251,895</b>	-	<b>125,948</b>	<b>125,948</b>	
Project	FY24				
	FY24 Total	Enterprise Fund Portion	SRF/DEBT	ARPA	
<b>Levee Maintenance &amp; Certification</b>					
Missoula Levee Geotechnical Inspection and Recertification (Facility Plan, cost per USACE Scope + other FEMA deliverables)	-				
Grant Creek Levee Improvement (Facility Plan, per recent estimate)	175,000		87,500	87,500	
	<b>175,000</b>	-	<b>87,500</b>	<b>87,500</b>	
Project	FY25				
	FY25 Total	Enterprise Fund Portion	SRF/DEBT	ARPA	
<b>Levee Maintenance &amp; Certification</b>					
Missoula Levee Geotechnical Inspection and Recertification (Facility Plan, cost per USACE Scope + other FEMA deliverables)	-				
Grant Creek Levee Improvement (Facility Plan, per recent estimate)	175,000		87,500	87,500	
	<b>175,000</b>	-	<b>87,500</b>	<b>87,500</b>	
Project	FY26				
	FY26 Total	Enterprise Fund Portion	SRF/DEBT	ARPA	
<b>Levee Maintenance &amp; Certification</b>					
Missoula Levee Geotechnical Inspection and Recertification (Facility Plan, cost per USACE Scope + other FEMA deliverables)	-				
Grant Creek Levee Improvement (Facility Plan, per recent estimate)	175,000		\$87,500	\$87,500	
	<b>175,000</b>	-	<b>\$87,500</b>	<b>\$87,500</b>	