

**CAPITAL IMPROVEMENT PROGRAM**  
**City of Missoula CIP Project Request Form FY 2010-2014**

Program Category:	Project Title:			08 Project #	09 Project #	10 Project #
Community Service	Flood Control Works Maintenance					CS-16

**Description and justification of project and funding sources:**

The City operates two Army Corps of Engineer-built levees on the Clark Fork River as well as a privately-built levee on Grant Creek, and a storm drain system for Pattee Creek and the South Hills. All four of these flood control structures are recognized by the National Flood Insurance Program (NFIP) and NFIP modifies base flood elevation determinations affecting the Flood Insurance Rate Map for Missoula County. In addition, the two Clark Fork Levees are currently recognized by the Rehabilitation and Inspection Program (PL84-99). The City has requested coverage of the other two structures by PL84-99. Under PL84-99, the Army Corps of Engineers has authority to supplement local efforts to repair flood control projects after they are damaged during a flood. Coverage by both of these programs is dependent on the City's maintenance of these structures.

Maintenance includes bank stabilization and erosion control, vegetation removal and flood-wall joint and crack sealing.

**Is this equipment prioritized on an equipment replacement schedule?**

Yes

No

NA

X

**Are there any site requirements:**

How is this project going to be funded:							Funded in Prior Years
Funding Source	Accounting Code	FY10	FY11	FY12	FY13	FY14	
Maintenance District Assessments			50,000	50,000	50,000	50,000	
		-	50,000	50,000	50,000	50,000	-

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

Spent in Prior Years

Budgeted Funds	Accounting Code	FY10	FY11	FY12	FY13	FY14	Spent in Prior Years
A. Land Cost							
B. Construction Cost							
C. Contingencies (10% of B)		-	-	-	-	-	
D. Design & Engineering (15% of B)		-	-	-	-	-	
E. Percent for Art (1% of B)							
F. Equipment Costs							
G. Other			50,000	50,000	50,000	50,000	
		-	50,000	50,000	50,000	50,000	-

**Does this project have any additional impact on the operating budget:**

Spent in Prior Years

Expense Object	Accounting Code	FY10	FY11	FY12	FY13	FY14	Spent in Prior Years
Personnel							
Supplies							
Purchased Services							
Fixed Charges							
Capital Outlay							
Debt Service		-	-	-	-	-	-

Description of additional operating budget impact:

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Kevin Slovarp	Public Works	02/13/2009	05/29/2009 9:21	CJK	-

# CAPITAL IMPROVEMENT PROGRAM

## Project Rating

(See C.I.P. Instructions For Explanation of Criteria)

Program Category:	Project Title:				10 Project #	
Community Service	Flood Control Works Maintenance				CS-16	
Qualitative Analysis		Yes	No	Comments		
1. Is the project necessary to meet federal, state, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other requirements. Of special concern is that the project be accessible to the handicapped.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>44 CFR Part 65.10 states that, "For levees to be recognized by FEMA, evidence that adequate design and operation and maintenance systems are in place to provide reasonable assurance that protection from the base flood exists must be provided." Regular inspections reveal that rip rap is in need of replacement in various areas, flood-wall joints are wearing, and cracks are beginning to form in the flood wall. Maintenance will be necessary to improve these conditions so that the structures will perform the way they were designed.</p>		
2. Is the project necessary to fulfill a contractual requirement? This criterion includes Federal or State grants which require local participation. Indicate the Grant name and number in the comment column.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>For the Corps-built levees, Public Law 738 states that, "...no money appropriated under authority of this Act shall be expended on the construction of any project until States, political subdivisions thereof, or other responsible local agencies have given assurances satisfactory to the Secretary of War that they will...maintain and operate the flood control works after completion in accordance with regulations prescribed by the Secretary of War." Under these conditions, City of Missoula Resolution Numbers 2334 and 2555 assume the obligations of local cooperation and the operation and maintenance of the projects.</p>		
3. Is this project urgently required? Will delay result in curtailment of an essential service? This statement should be checked "Yes" only if an emergency is clearly indicated; otherwise, answer "No". If "Yes", be sure to give full justification.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>Structures are inspected annually by the Army Corps of Engineers. If any structure's maintenance is found to be deficient, it could result in the removal of the structure from the PL84-99 program and the possibility that the City would be solely liable to rebuild the structure in the event the structure is damaged due to flooding.</p>		
4. Does the project provide for and/or improve public health and/or public safety? This criterion should be answered "No" unless public health and/or safety can be shown to be an urgent or critical factor.		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>The project does not directly provide for and/or improve public health and/or safety, but does ensure the flood control structures are kept to the standards they were designed to, making them more able to perform the way they are designed to perform.</p>		
Quantitative Analysis		Raw Score Range	Comments		Weight	Total Score
5. Does the project result in maximum benefit to the community from the investment dollar?		(0-3)	<p>The Corps' PL84-99 program provides for 100% rehabilitation funding for federal flood control projects and 80% for non-federal flood control projects. Damaged projects must be in good repair prior to the flood event in order to be eligible for assistance. Periodic maintenance is much less costly than rebuilding a flood control structure that has been damaged.</p>		5	-
6. Does the project require speedy implementation in order to assure its maximum effectiveness?		(0-3)	<p>Corp inspectors make annual inspections. If any structure's maintenance is found to be deficient, it could result in the removal of the structure from the PL84-99 program and the possibility that the City would be solely financially liable to rebuild a damaged structure.</p>		4	-
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?		(0-3)	<p>Various cultural resources are protected by these flood control works such as the Rocky Mountain Elk Foundation and Caras Park.</p>		3	-
8. Does the project improve or expand upon essential City services where such services are recognized and accepted as being necessary and effective?		(0-2)	<p>The project contributes to flood control responsibilities and the safeguarding of life and property.</p>		4	-
9. Does the project specifically relate to the City's strategic planning priorities or other plans?		(0-3)	<p>Flood protection directly relates to the strategic goal of community livability by providing safety and an economically sound means of rebuilding flood control works should it become necessary.</p>		4	-
Total Score						