

CAPITAL IMPROVEMENT PROGRAM

City of Missoula CIP Project Request/Update Form FY 2018-2022

Department Priority		Major Department	New or Update	Required Is this project Required?	Delay Can project be delayed?	Project Title		
6	of 23	Parks_and_Recreation	New	Yes	No	Aquatics		
Project Rating	Project Number	Division/ Sub-Department		Yes	No			
Replacement	0	Aquatics	Is the project APPROVED for Fiscal Year 2018?			Yes	FUNDED?	No

Summary Description and rationale of project and funding sources:

Priority Order for Projects: Current year projects described below, see project list for estimated costs and other projects to be funded in future years. The projects listed as part of the facility maintenance program represent the expected lifespan of key facility equipment or attributes whose cost to replace or maintain is such that it is outside the regular operating budget.
 FY18 Projects: Pool Blanket, Roller, and a parking spot on deck at Splash (\$25,000), Shade Structures (\$8,000), Natatorium Interior Wall Repaint (\$15,000)
 Currents: Replace total 2 Automated Chemical Controllers (\$8,000)

History & Current Status: Impact if Cancelled or Delayed

Items on this list may be repeated at intervals due to expected wear and tear and weather aging. Items on this list may exceed expected lifespan with continued maintenance and care, and will not be replaced until it is deemed necessary. The capital projects listed as part of the upgrade program represent opportunities to expand programming and revenue generation at the facilities. These projects are very important in maintaining excitement and the facilities' viability as attractive places for Missoula's citizens to recreate and maintain their fitness objectives and for City to meet revenue goals.

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

General Public, Missoula Swim Team

How is this project going to be funded:

Funding Source	Accounting Code	Prior Year Summation	Unappropriated subsequent years				
			FY18	FY19	FY20	FY21	FY22
Park District	2513		31,000				
Aquatics Fund Balance			25,000	208,000			
TBD		See "UPDATE" tab for detail of revenue funding sources and amounts.			250,000	1,310,000	65,000
			89,090	56,000	208,000	250,000	1,310,000
							65,000

How is this project going to be spent:

Budgeted Funds	Accounting Code	Prior Year Summation	FY18	FY19	FY20	FY21	FY22
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	2513.370.*****.940		56,000				
G. Other							
		103,210	56,000	-	-	-	-

Is this equipment prioritized on an equipment replacement schedule?	N
Is there ongoing Operating and/or Maintenance costs upon completion of project? <i>If "Y" then complete the section below (Operational Budget Impact)</i>	Y

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

Expense Object	Accounting Code	FY18	FY19	FY20	FY21	FY22
A. Personnel						
B. Supplies						
C. Purchased Services						
D. Fixed Charges						
E. Capital Outlay						
F. Debt Service						
G. (Operational Savings)						
		-	-	-	-	-

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:

Will reduce chemical order and pool heating costs. See support tab for details.

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials
Eric Seagrave	Parks and Recreation	4/24/2017	1/22/2018 15:18	KM

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6	of 23	Parks_and_Recreation	New			Aquatics		
Project Rating	Project Number	Division/ Sub-Department		Yes	No			
Replacement		Aquatics	Was the project APPROVED for the prior Fiscal Year 2017?			Yes	FUNDED?	Yes

Please complete the remainder of the pertinent information below:

Provide an update on the project; phase x of x; % complete; outstanding items/purchases; what is remaining to complete the project.

Capital improvement - Currents - Boiler #3 heat exchanger- Contracted for: \$35,030. Heat exchanger arrived in Feb 2017.
 Splash Lazy River Title Project - \$68,000 - paid deposit out of FY16 and completed project in FY17.
 Concessions Food & Beverage Specific Point of Sale System: Cancel this project. New Rec Trac - meets need.
 Currents Engineer Feasibility and Install of VFD's on Motors: unable to find appropriate engineer to do the study. Postpone while we search for 3rd party (grant) funding to complete the study.
 Splash: Pool Blanket, Roller, Parking Spot for Pond: Move to FY 2018
 Currents: Coin Operated Locker System: Move to FY 2019 and research debit card locker options
 Splash: Bear Slide Resurface smooth ride/paint: complete in-house with existing operating budget

Project Revenues

Funding Source	Accounting Code	Actual FY 2015	Actual FY2016	Budgeted FY2017	Actual FY2017	Variance FY 2017	Total Project Revenue
Park District	2513			\$ 89,090	\$ 89,090	\$ -	\$ 89,090
						-	-
						-	-
						-	-
						-	-
						-	-
		\$ -	\$ -	\$ 89,090	\$ 89,090	\$ -	\$ 89,090

Project Expenditures

Funding Source	Accounting Code	Actual FY 2015	Actual FY2016	Budgeted FY2017	Actual FY2017	Variance FY 2017	Total Project Expenditures
Park District	4060.39046000.940			\$ 89,090	\$ 103,210	\$ (14,120)	\$ 103,210
						-	-
						-	-
						-	-
						-	-
						-	-
		\$ -	\$ -	\$ 89,090	\$ 103,210	\$ (14,120)	\$ 103,210

CAPITAL IMPROVEMENT PROGRAM

Project description/Rating

(See C.I.P Instructions for explanation of the Project Rating and Rational that is required)

Department Priority	Project Rating	Department	New or Update	Project Title
6	Replacement	Parks_and_Recreation	New	Aquatics
of 23	0	Aquatics		
Project Rating #1		Project Rationale #1		
Required		Replacement for existing eleven year old controllers. Parts are no longer available. Need to upgrade to new controller system. See NOTES for more detail related to this project.		
Is the project necessary to meet a contractual obligation, Federal, State, or local legal requirements? This criterion includes projects mandated by Court Order to meet requirements of law or other such requirements.				
Project Rating #2		Project Rationale #2		
Replacement		Being as efficient as possible while still providing a level or security in the quality of recreational water is generally recognized as necessary. Based on broad citizen support and investment it is necessary we commit to cyclic and routine maintenance while also continuing to invest in effective revenue generation amenities. Replacement of shade covers at Splash and re-painting walls in the Natatorium at Currents are two projects needed for FY18.		
Does the project or asset replace an existing asset that is at the end of its useful life (and is not already included in the Core replacement program or up for replacement)?				
Project Rating #3		Project Rationale #3		
Efficiency		Putting a pool blanket on a pool in the evening hours is one of the most basic energy savings measures out there for swimming pools. The cover stops evaporation, which occurs through the night, thus saving on replacement water, which then needs to be heated and treated to swimming temperature. Thus a blanket should reduce Splash Montana's water usage and heating expense. When installed on the 50m pool, it made an immediate impact and while the Pond does not have the volume of water that the 50 does, it does have a large square footage, meaning a large exposure to the dry summer air for what water it does have. This project will include purchasing the blankets, the blanket roller to contain the blankets when they are not in use, and create a cement parking spot in the landscaping, so that the roller will fit harmoniously into Splash's natural equipment.		
Does the project demonstrate a clear efficiency or productivity gain as demonstrated by a cost/benefit analysis? Include analysis and supporting documentation.				
Project Rating #4		Project Rationale #4		
#N/A				

Aquatics - Cyclic maintenance and Revenue Generation FY 2013 - FY 2024

FY 14 ending Reserve Balance		Facility Projected Cost FY 2013-2024	
	\$ 60,000		
		Maintenance 493 Account Budget	\$ 35,000.00
		FY 14 Expenditures	\$ 20,500
		FY 14 Balance	\$ 14,500.00
		FY 15 Projects	\$ -
FY 15 Projects	\$ -	FY 16 Projects (budgeted in 4060)	\$ 92,000.00
FY 15 ending Cash on Hand balance	\$ 204,350 (per finance_)	Expended - two boilers	\$ 68,940.00
		Balance - use for tile project	\$ 23,060.00
FY 16 Projects	No projects - on hold		
	\$ -	FY 17 Projects:	
	\$ 148,424	Tile projects	\$ 68,180.00
FY 17 Projects	\$ 103,310	Boiler	\$ 35,030.00
FY18 Projects	\$ 56,000	FY18 Projects	\$ 56,000.00
		Total Maintenance Projects FY 13-FY 24	\$ 651,740
		Avg/Maintenance/12 years	\$ 54,312
		Current Maintenance Budget @ \$35K *12	\$ 420,000
		Diff	(\$231,740)
		Total Capital/Maintenance/Avg/12 years	\$ 200,687

SCHEDULE FOR CAPITAL IMPROVEMENTS AND MAINTENANCE FY 13-FY 24

Capital Improvement Project			Maintenance Items			Total Both
Done/w actual cost	Projected Cost	Actual Cost	Done/w actual cost	Projected Cost	Actual Cost	Total Cost
FY12						
			Splash <input type="checkbox"/> Purchase Tile for womens locker room	\$16,000	\$9,984.00	
			Currents <input type="checkbox"/> Replace DVR	\$10,000	\$10,000	
			Currents <input type="checkbox"/> Locker Room Wall Repair		\$3,940	
				\$26,000	\$23,924.00	\$23,924
FY13						
Splash <input type="checkbox"/>	Grill /Trailer at Splash MT	\$ 82,500	NOTE: Tube slide repair will be done in 360 account in FY 13			
Currents <input type="checkbox"/>	Increase revenue return rate on food service	\$ 20,000	Cost was less than anticipated as staff will do the work in house			
Splash <input type="checkbox"/>	Install tile in family & men's locker rooms (Spring 2014)	\$ 102,500	FY 18 schedule for total slide repair			
				\$0	\$ -	\$102,500
FY14						
Splash <input type="checkbox"/>	UV System for Pond	\$ 39,000	Splash <input type="checkbox"/>	DVR Replacement	\$10,000	
Currents <input type="checkbox"/>	Upgrade Cameras	\$ -	Splash <input type="checkbox"/>	Surge Pit rebuild for 50m & install	\$10,000	
Splash <input type="checkbox"/>	Replace logs with lily pads or turtles	\$ 12,000	Splash <input type="checkbox"/>	Replace Cushion Mats for Logs (notes done in 360 account less \$5)	\$500	
				\$20,500		\$71,500
FY15						
			Currents <input type="checkbox"/>	Currents Spray Feature Repair/Refinish (did in house)	\$0	
				\$ -		\$ -
FY16						
	Projects on hold - move out to FY17					
Done/w actual cost			Currents <input type="checkbox"/>	Boiler 1	\$ 33,620	
			Currents <input type="checkbox"/>	Boiler 2	\$ 35,320	
			Splash <input type="checkbox"/>	Buildings - Exterior paint job - Completed by staff	operating budget	
					\$ 68,940	\$ 68,940
FY17						
Currents <input type="checkbox"/>	Concessions Food & Beverage Specific Point of Sale	\$ -	Splash <input type="checkbox"/>	Bear Slide Resurface smooth ride /paint	\$ -	
Currents <input type="checkbox"/>	Engineer Feasibility and Install of VFDs on Currents Motors	\$ -	Splash <input type="checkbox"/>	Lazy River Tile Replacement	\$ 68,180	
Splash <input type="checkbox"/>	Pool Blanket, Roller, Parking Spot for Pond	\$ -		Deposit paid in FY17	\$ 35,030	
				Boiler 3	\$ 103,210	
Done/w actual cost			Done/w actual cost			Actual Cost
						\$ 103,210
FY18						
Currents <input type="checkbox"/>	Pool Blanket, Roller, Parking Spot for Pond	\$ 25,000	Currents <input type="checkbox"/>	Shade Structure - Replace -covers	\$ 8,000	
Splash <input type="checkbox"/>		\$ 25,000	Currents <input type="checkbox"/>	Replace 2 Chemical Controllers	\$ 8,000	
			Currents <input type="checkbox"/>	Natatorium Interior Wall Repair	\$ 15,000	
					\$ 31,000	\$ 56,000
FY19						
Splash <input type="checkbox"/>	Shallow pool Spray Tower Improvement	\$ 60,000	Splash <input type="checkbox"/>	Pool Liner for 50m	\$ 80,000	
Splash <input type="checkbox"/>	Engineer Feasibility and Install of VFDs on Currents	\$ 50,000	Currents <input type="checkbox"/>	Coin Operated Locker System	\$ 18,000	
Currents <input type="checkbox"/>		\$ 110,000			\$ 98,000	\$ 208,000
FY20						
Currents <input type="checkbox"/>	New water play feature: pump, motor, pipe system	\$ 250,000				\$ 250,000
FY21						
Currents <input type="checkbox"/>	New Outside Spa: On Sun deck	\$ 25,000	Currents <input type="checkbox"/>	Locker Room Wall Repair	\$ 5,000	
Splash <input type="checkbox"/>	New water feature: Expand facility to provide locker rooms, new shared experience attraction	\$ 1,200,000	Splash <input type="checkbox"/>	Pool Resurface - Pond & River	\$ 80,000	
	NOTE: GF Financing -Revenue offset	\$ 1,225,000			\$ 85,000	\$ 1,310,000
FY22						
			Currents <input type="checkbox"/>	Pool Resurface - Pools & Spa	\$ 65,000	\$ 65,000
FY23						
Splash <input type="checkbox"/>	Concessions Freezer Replacement	\$ 18,000	Splash <input type="checkbox"/>	Buildings Re-roof	\$ 45,000	
		\$ 18,000			\$ 45,000	\$ 63,000
FY24						
Splash <input type="checkbox"/>	Pool Blanket Replacement	\$ 25,000				\$ 25,000
MOTOR Replacement Schedule						
			Splash <input type="checkbox"/>	\$1,200/year over 9 years	\$ 14,040	\$ 14,040
			Splash <input type="checkbox"/>	\$4,500 per motor = 9 motors	\$ 52,650	\$ 52,650
				Every 9 years or motors (1.3)		
			Currents <input type="checkbox"/>	\$1,200/year over 6 years	\$ 14,400	\$ 14,400
			Currents <input type="checkbox"/>	\$4,500 per motor = 6 motors	\$ 54,000	\$ 54,000
				Every 6 years or motors (2)		
Total Capital	\$ 1,806,500		Total Maintenance	\$ 651,740		\$ 2,458,240

Support for Pool Cover: The energy and chemical supply cost the pool cover will reduce are estimated at approximately \$1,900 per year. The cost of the cover itself will be recouped in 3.5 years. The total project cost of the \$25,000 project will be recouped in approximately 12.5 years. There are sustainability measures of using less energy to heat the pool and less caustic chemicals to treat the water to be considered as positives of the project as well.

Additional Savings:

Months Pool Used:

Pool Length:

Pool Width:

Pool Size: Sq. Feet

Average Cost/City: \$0.884

Heat Cost:

Heat Cost	Chemical Cost
without a Cover: \$2,072	without a Cover: \$260
with a Cover: \$290	with a Cover: \$79
Savings: \$1,722	Savings: \$183

Saved Lives:

Maintenance Time:

Evaporation:

Wear & Tear:

Total Savings 7 yr:
\$14,736

Cover Quote: €

NOTE: The default value is used for reference only and does not represent a true cost of a cover. For a more accurate cover estimation, obtain a quote from your local dealer.

Actual Cover Cost:
-\$8,238

Buttons: [Email Results](#), [Share Results](#), [Request a Dealer](#)

Resources: Department of Energy, EIA: State Electricity Profiles, EIA: Natural Gas Prices