

CAPITAL IMPROVEMENT PROGRAM
City of Missoula CIP Project Request Form FY 2017-2021

Program Category:	Project Title:	15 Project #	16 Project #	17 Project #
Parks, Recreation and Open Space	Aquatics - Cyclic maintenance and continued revenue generation	PR-01	PR-01	PR-01

Description and justification of project and funding sources:

Priority Order for Projects: 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. 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. 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.

FY 17 projects -
 Facility Maintenance - Splash Montana Bear slide repaint & refinish - \$5,000
 Revenue Generation - New Lockers at Currents - \$18,000
 Capital Improvement - Engineering Feasibility study and installing Variable Freq Drives on pool pump motors at Currents - \$50,000
 Capital Improvement - Pool Blankets, Roller, and Parking Spot for Splash Montana Pond Pool - \$25,000
 Capital Improvement - Concessions/Restaurant specific Point of Sale software - \$18,000
 Capital Improvement - Third heat exchanger at Currents - \$50,000

Is this equipment prioritized on an equipment replacement schedule?	Yes	No	NA
			x

Are there any site requirements:

REVENUE	How is this project going to be funded:							Funded in Prior Years
	Funding Source	Accounting Code	FY17	FY18	FY19	FY20	FY21	
	Park District	2513	89,090	31,000	80,000	250,000	85,000	92,000
	Aquatics Enterprise Fund	5711	111,000		60,000			34,000
	AQ bond for New feature						1,225,000	
			200,090	31,000	140,000	250,000	1,310,000	126,000

EXPENSE	How is this project going to be spent:							Spent in Prior Years
	Budgeted Funds	Accounting Code	FY17	FY18	FY19	FY20	FY21	
	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		89,090	31,000	140,000		1,310,000	68,000
	G. Other		111,000		-	250,000		
			200,090	31,000	140,000	250,000	1,310,000	68,000

OPERATING BUDGET COSTS	Does this project have any additional impact on the operating budget:							Spent in Prior Years
	Expense Object	Accounting Code	FY17	FY18	FY19	FY20	FY21	
	Personnel							
	Supplies							
	Purchased Services		500					
	Fixed Charges							
	Capital Outlay							
	Debt Service							
			500	-	-	-	-	-

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials	Total Score
Eric Seagrave	Parks & Recreation	3/29/2016	5/18/2016 9:07	KM	49

FOR ACCOUNTING USE ONLY:

How is this project going to be budgeted:

Budgeted Funds	Accounting Code	FY12	FY13	FY14	FY15	FY16

CAPITAL IMPROVEMENT PROGRAM

Project Rating

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

Program Category:	Project Title:				17 Project #
Parks, Recreation and Open Space	Aquatics - Cyclic maintenance and continued revenue generation				PR-01
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 type="checkbox"/>	<input checked="" type="checkbox"/>		
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"/>		
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"/>		
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"/>		
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) 3	Listed items extend the life of equipment and facility infrastructure. Upgraded security for facilities while not in use, and while in use provides visual accounting for patron behavior, and encourages appropriate cash handling by employees. At Splash, tiling the floor adds increased sanitation, decreasing possible shut down due to a cryptosporidium outbreak, and increases the flooring life while decreasing maintenance costs.		5	15
6. Does the project require speedy implementation in order to assure its maximum effectiveness?	(0-3) 2	Cyclic maintenance of infrastructure extends the life of infrastructure and reduces operational costs.		4	8
7. Does the project conserve energy, cultural or natural resources, or reduce pollution?	(0-3) 2	Many of the items will reduce the consumption of energy and pollutants.		3	6
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) 2	Being as efficient as possible while still providing a level of 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.		4	8
9. Does the project specifically relate to the City's strategic planning priorities or other plans?	(0-3) 3	City Strategic Goal - Harmonious Environment and Quality of Life for Citizens Business plan (Proforma) for aquatics facilities.		4	12
Total Score					49

FY 17 Projects

Locker Purchase:

Replace the existing, rusting metal lockers in the Currents Family locker room with plastic, coin operated lockers.

VFD Feasibility Study and Installation at Currents

Researching the feasibility and possible energy savings and implementing the resulting plan that would include the purchase and installation of variable frequency drives on the pool pumps and motors at Currents Aquatics Center.

Concessions Food and Beverage Specific Point of Sale System

Purchasing software and display equipment to take advantage of the restaurant specific sales programming for the Crazy Creek Café, the Fireline Grill, and the soon to be built concessions at Fort Missoula

Pool Blanket, Roller, Parking Spot for Pond at Splash Montana

Purchasing blankets, a storage roller, and building a parking spot for the equipment in the landscaping at Splash Montana

Splash Montana Bear Slide Smooth Ride Paint and Restore

Painting and refinishing the bear slide at Splash Montana, general upkeep

A complete replacement would cost over \$50,000 and would include extra difficulties in making it fit the system and function correctly with existing controls and the other two boilers

Date	Author	Notes
FY 17	E. Seagrave	Concessions Food and Beverage Specific Point of Sale system purchase: The existing software used at the concessions is a smaller component of the software currently used and functions minimally for the needs of a growing concessions operation. We want to purchase a separate system that is designed with the intent of being used in food service. This system would serve to manage the order from the initial entry to the preparation and correct dispersal of the product. Inventory would also be maintained with this system, and we could increase customer service with fewer lost orders and better management of equipment such as ovens, mixers. Cost Benefit: Current system involves hand written notes and contributes to occasional lost orders. An improved food and beverage Point of Sale system would be paperless and would manage the order to achieve better customer service, thus more revenue through satisfied customers and decreased loss through comped meals to achieve customer satisfaction.
Date	Author	Notes
FY17	E. Seagrave	Currents Locker System Purchase

In Summer 2015, staff created a locker rental procedure that significantly reduced incidences of theft in the locker rooms at Splash. We locked up all the inside lockers and required a rental fee to utilize them (at a low cost). This stopped people from just shoving their stuff in a locker and not locking, thus decreasing targets of opportunity for thieves. The end result for the facility was an increase in revenue over previous years when we sold locks and a reduction in thefts. This procedure worked at Splash because we had lockers located outside the locker rooms that we allowed people to utilize as they did in the past. At Currents we don't have the extra lockers and the type of lockers installed are rusting. So we would like to replace the rusting lockers with a coin operated system in the family locker room, and use the mens and womens lockers as we do at Splash for rentals.

Date	Author	Notes
FY17	E. Seagrave	Currents VFD Feasibility and Installation Changing incentives and decreasing costs of equipment make it worthwhile to again explore the option of engineering a variable frequency drive system for the pool pump motors. VFDs allow for soft start up and decreased energy usage on large motors which operate for many hours of each day. Effective use of VFDs should reduce energy costs and usage with quick payback. It is also possible that some of the expense of installation may be recouped through grant funding, thus reducing the payback expectancy.
Date	Author	Notes
FY17	E. Seagrave	Pool Blanket, Roller, Parking Spot for Pond 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 environment.
Date	Author	Notes
FY 17	E. Seagrave	Splash Montana Bear Slide Refinish: A decade of use by toddlers and exposure to sun, wind, and rain has worn the finish on our Bear Slide at Splash Montana. We are looking to hire a professional to refresh the bear's paint and refinish his slide so that another decade of Missoula's toddlers can enjoy his warm welcome.

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

Facility Projected Cost FY 2013-2024			
FY 14 ending Reserve Balance	\$ 60,000		
FY 15 Projects	\$ -		
FY 15 ending Cash on Hand balance	\$ 204,350	(per finance	
FY 16 Projects	\$ -	No projects	
Total Capital Projects FY 13-FY 24	\$ 1,842,500		
Avg/Capital/12 Years	\$ 153,542		
FY 17 Projects	\$ 111,000		
Balance end of FY 17	\$ 93,350		
		Maintenance 493 Account Budget	\$ 35,000.00
		FY 14 Expenditures	\$ 20,500
		FY 14 Balance	\$ 14,500.00
		FY 15 Projects	\$ -
		FY 16 Projects (budgeted in 4060)	\$ 92,000.00
		Expended - two boilers	\$ 68,940.00
		Balance - does not include tile project	\$ 23,060.00
		Tile - deposit FY16	\$ 34,090.00
		FY17 - Projects	\$ (11,030.00)
			\$ 89,090.00
		Total Maintenance Projects FY 13-FY 24	\$ 619,620
		Avg/Maintenance/12 years	\$ 51,635
		Current Maintenance Budget @ \$35K *12	\$ 420,000
		Diff	\$ (5199,620)
Total Capital/Maintenance/Avg/12 years		\$ 205,177	

SCHEDULE FOR CAPITAL IMPROVEMENTS AND MAINTENANCE FY 13-FY 24

Capital Improvement Project		Maintenance Items		Total Both
FY 13				
Splash	<input checked="" type="checkbox"/> Grill /Trailer at Splash MT	\$ 82,500		
	Increase revenue return rate on food service			
Splash	<input checked="" type="checkbox"/> Install tile in family & men's locker rooms (Spring 2014)	\$ 20,000		
		\$ 102,500		
FY14				
Splash	<input type="checkbox"/> UV System for Pond	\$ 39,000		
Currents	<input checked="" type="checkbox"/> Upgrade Cameras	\$ -		
Splash	<input checked="" type="checkbox"/> Replace logs with lily pads or turtles	\$ 12,000		
		\$ 51,000		
FY15				
FY16				
	<input type="checkbox"/> Projects on hold - move out to FY17			
Done/w actual cost				
		\$ -		
Capital Improvement Project		Maintenance & Revenue Generating Items		
FY17				
Splash	<input type="checkbox"/> Concessions Food & Beverage Specific Point of Sale System	\$ 18,000		
Currents	<input checked="" type="checkbox"/> Engineer Feasibility and Install of VFDs on Currents Motors	\$ 50,000		
Splash	<input checked="" type="checkbox"/> Pool Blanket, Roller, Parking Spot for Pond	\$ 25,000		
Currents	<input checked="" type="checkbox"/> Coin Operated Locker System	\$ 18,000		
		\$ 111,000		
Capital Improvement Project		Maintenance & Revenue Generating Items		
FY18				
Currents	<input type="checkbox"/> Shade Structure - Replace -covers	\$ 8,000		
Splash	<input type="checkbox"/> Replace 2 Chemical Controllers	\$ 8,000		
Currents	<input type="checkbox"/> Natatorium Interior Wall Repaint	\$ 15,000		
		\$ 31,000		
FY19				
Splash	<input type="checkbox"/> Shallow pool Spray Tower Improvement	\$ 60,000		
		\$ 60,000		
Capital Improvement Project		Maintenance & Revenue Generating Items		
Done/w actual cost		Done/w actual cost		
FY20				
Currents	<input type="checkbox"/> New water play feature: pump, motor, pipe system for new To	\$ 250,000		
		\$ -		
FY21				
Currents	<input type="checkbox"/> New Outside Spa - On Sun deck	\$ 25,000		
Splash	<input type="checkbox"/> New water feature: Expand facility to provide more locker rooms, new shared experience attraction	\$ 1,200,000		
	NOTE: GF Financing -Revenue offset	\$ 1,225,000		
FY22				
FY23				
Splash	<input type="checkbox"/> Concessions Freezer Replacement	\$ 18,000		
		\$ 18,000		
FY24				
Splash	<input type="checkbox"/> Pool Blanket Replacement	\$ 25,000		
		\$ -		
MOTOR Replacement Schedule				
Splash	\$1,200/year over 9 years	\$ 14,040		\$ 14,040
Splash	\$4,500 per motor = 9 motors	\$ 52,650		\$ 52,650
	Every 9 years or motors (1.3)			
Currents	\$1,200/year over 6 years	\$ 14,400		\$ 14,400
Currents	\$4,500 per motor = 6 motors	\$ 54,000		\$ 54,000
	Every 6 years or motors (2)			
Total Capital		\$ 1,842,500		
Total Maintenance			\$ 619,620	\$ 2,462,120