

CAPITAL IMPROVEMENT PROGRAM									
City of Missoula CIP Project Request/Update Form FY 2020 - 2024									
Department Listing			New or Update	Required	Delay	Project Title			
2	of 6		Update	Is this project Required?	Can project be delayed?	Open Space and CLM CIP			
Project Rating		Department		No	No				
Plan		Culture & Recreation							
		Parks & Recreation	Is the project APPROVED for Fiscal Year 2020?				FUNDED?		
Summary Description and rationale of project and funding sources:									
This CIP covers projects related to Open Space Acquisitions or projects taking place on lands managed by the Conservation Lands Management Program.									
History & Current Status: Impact if Cancelled or Delayed									
Projects are in varying stages of completion ranging from planning process to almost complete.									
Are there any site requirements/ Potentially Affected Interest (PAI) Coordination:									
Yes									
List of Projects									
Individual Project Title			Rating	Year	Individual Project Title				
Clark Fork River Restoration			Leverage	FY2020					
FEMA projects			Urgent	FY2020					
Bike Parks			Plan	FY2020					
Rattlesnake Trail and parking			Expansion	FY2021					
Rattlesnake Dam Removal and Restor			Leverage	FY2020					
Water Works			Urgent	FY2020					
Hellgate Park			Plan	FY2020					
Open Space Acquisitions			Leverage	FY2020					
South Hill Spur			Leverage	FY2020					

REVENUE	How is this project going to be funded:									
	Funding Source				Yr. 1. budget	Unappropriated subsequent years				
					FY2020	FY2021	FY2022	FY2023	FY2024	
	G.O. Bonds				1,290,000	2,044,825	1,665,175			
	BaRSAA				215,000					
	Federal/State Grant				779,941					
	Grant/Donation/Other				233,058	75,000				
	New Development				100,000					
	TBD/Private Invest				218,314	1,175,000	559,825			
	Impact Fees				Impact Fees					
Type			Approval	Date	Amount	Amounts				
Parks			Yes		65,889	43,042	22,847			
						2,879,355	3,317,672	2,225,000	-	

EXPENSE	How is this project going to be spent:									
	Budgeted Funds			Prior Year Expenses	FY2020	FY2021	FY2022	FY2023	FY2024	
	A. Land				1,000,000	1,000,000	1,000,000	-	-	
	B. Constuction				1,523,505	2,144,347	1,225,000	-	-	
	C. Contingencies				120,850	87,150	-	-	-	
	D. Design & Engineering				210,000	86,175	-	-	-	
	E. Construction Mgmt				25,000	-	-	-	-	
	F. Percent for Art			No	-	-	-	-	-	
	G. Equipment Costs				-	-	-	-	-	
	H. Other				-	-	-	-	-	
			262,289	2,879,355	3,317,672	2,225,000	-	-		

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

Operational Budget Impact	(account for operational savings and/or reduction in current budget of previous operating/maintenance charges)									
	Expense Object				FY2020	FY2021	FY2022	FY2023	FY2024	
	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:										
Ongoing Operational costs need to be determined on a project basis										

Responsible Person:	Responsible Department:	Date Submitted to Finance	Today's Date and Time	Preparer's Initials
Donna Gaukler	Parks and Recreation	5/16/2019		RA

February 5, 2014

Bellevue Park

Park Master Plan Narrative

Overview

The Master Plan for Bellevue Park is a result of a public process with the Southgate Triangle Neighborhood, which spanned the course of two years, dating back to October 2012. Input gathered from the public meetings helped guide the design process. The Master Plan was approved by the Neighborhood at the Southgate Triangle General Meeting on October 8th, 2014.

Site Context

Bellevue Park is a 7.8 acre, irregularly shaped, undeveloped park in the Southgate Triangle Neighborhood. Originally designated as a county park, the city acquired it through annexation. The primary features of the park are the Missoula Irrigation District (MID) ditch that runs through the western portion of the site, and the now abandoned Pattee Creek Drainage Ditch. In the late 1990s and early 2000s, the city improved the storm drainage flows in the area and rerouted Pattee Creek away from the area. At the same time, they also installed the large subsurface infiltration structure in the southwestern most portion of the park. There is small network of user defined paths that work their way through the park, as well as a small BMX bike area in the stand of existing cottonwoods. Within the past two years, the park's maintenance responsibilities have transferred from the Conservation Lands Manager to the Parks Maintenance Manager. As a result, the park has received more frequent mowing (once every 4-6 weeks), which is more desirable to the neighbors, than the once a year mowing it was getting previously. There is an existing 35gpm well located in the southwest corner, which irrigates the medians on 39th street between Paxson Street and South Russell Street.

Master Park Plan

The Master Plan for Bellevue Park was driven by the neighborhood's strong recommendation of a low level of development, or a Level of Service (LOS) of 3 to 4, based on Park Standards. It was also important that the park be economically feasible to build and maintain. The desire of the neighborhood is to establish a low growing, non-irrigated, drought-tolerant grass mix that would out compete the invasive weeds that have crept into the park.

The abandoned Pattee Creek Drainage Ditch will be filled in with adequate soil to eliminate potential hazards, as well as making the park easier and safer to maintain. A 1.5" irrigation mainline, serving drip to the proposed trees, should be installed in the ditch prior to filling. The fill should be graded to still allow surface drainage along the previous ditch alignment. There are also a number of invasive Golden Willows along the ditch alignment that will need to be removed and treated.

A meandering five (5) foot wide, soft surface path will run the length of the park, from the northeast to the southwest, with loop options on both ends. There will be multiple bench locations along the path, in both shade and sun locations. As part of a separate project, Public Works installed curb, gutter, and

detached sidewalks on the 34th St., 35th St., 36th St., and Paxson St. frontages with direction and input from the draft master plan. Parks staff will begin phasing in boulevard street trees along all the above park frontages and within the park. Small drought tolerant shrub beds are placed along the frontage of 36th Street. These small beds would be adopted by interested neighbors for the planting and maintenance. Additional beds could be developed, based on interest in the community. The existing well on site may be used to drip irrigate the tree plantings and shrub beds, but the capacity of the well would not be sufficient to irrigate the entire site as turf.

The addition of a small footbridge, across the MID ditch will improve access from the Paxson Street frontage. There is a potential to use a 20' bridge, which is currently in storage, previously used to cross Rattlesnake Creek. This access from Paxson Street is also the location for a Future Shelter, Community Garden, and Port-o-let Enclosure. The feasibility of the garden in this location will be researched by Garden City Harvest, who would also be responsible for management, maintenance and water needs of the garden.

The existing BMX pump track area will be enhanced, with the kids still being able to alter and “dig in the dirt.” The stand of Cottonwood Trees will be inspected again for health. Many of these trees have had dirt backfilled around the bases, and will need to be watched for health and safety. New trees will be phased into this area to maintain a shade cover.

Park Signage will be placed at both 34th Street and the corner of 39th Street and Paxson, identifying it as Bellevue Park. Park Rules signage, Mutt Mitt Stations, and Trash Receptacles will be placed at the entrances to the park. A number of picnic tables will be supplied on site, and be allowed to move around per user needs.

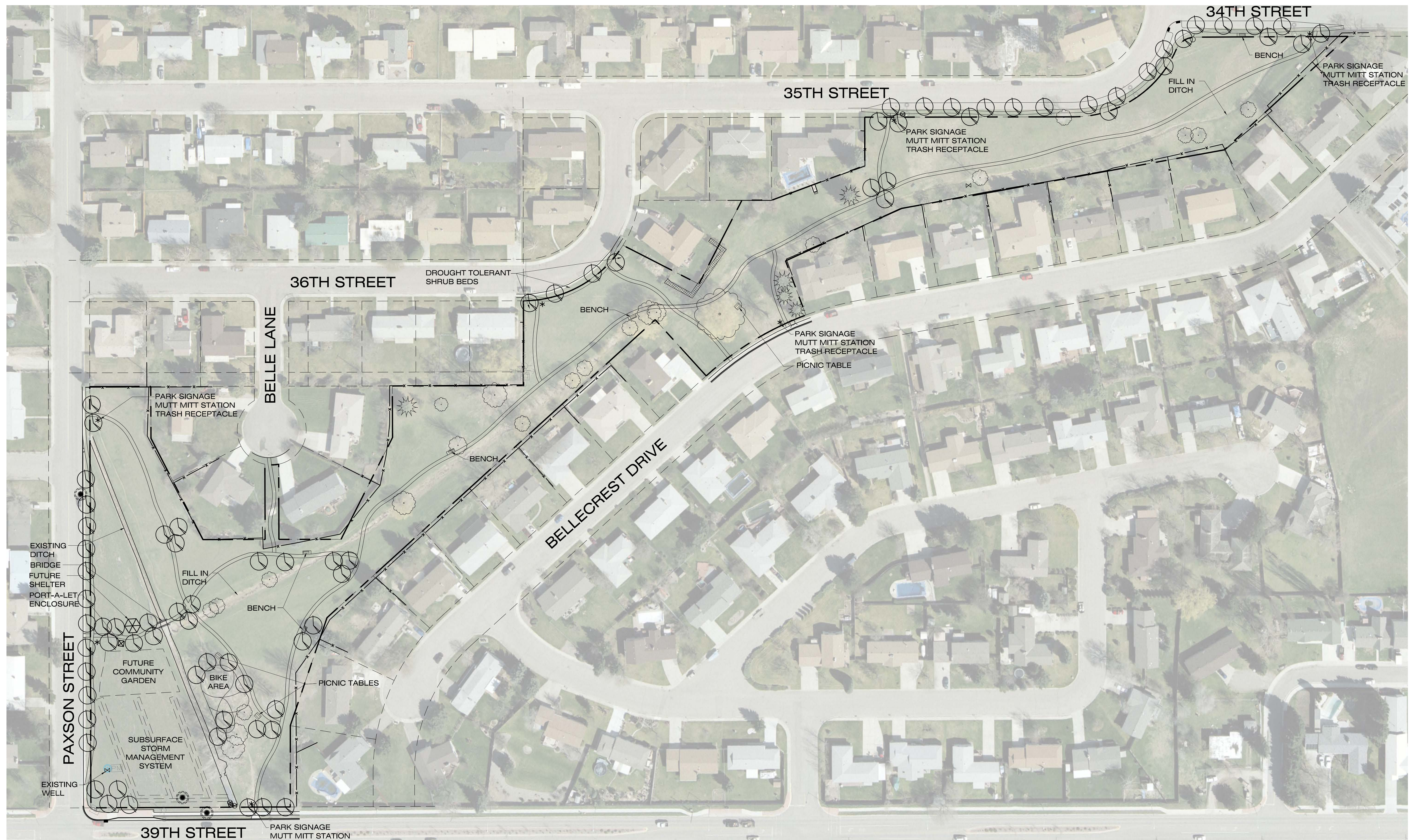
The approximate extents of the Subsurface Storm Management/Infiltration System is shown on the plans. Development is limited on top of this structure.

There are a couple instances of encroachment into the park by adjacent property owners that will need to be addressed.

Funding is not currently available for plan implementation. Possible options may include park impact fees (there is minimal new development in the area), Land and Water Conservation Fund and Recreation Trails Program grants, and City general and park district funds.

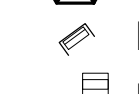
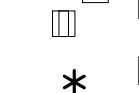
Neil Miner

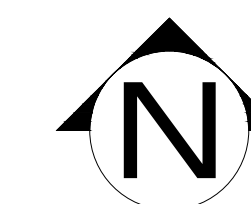
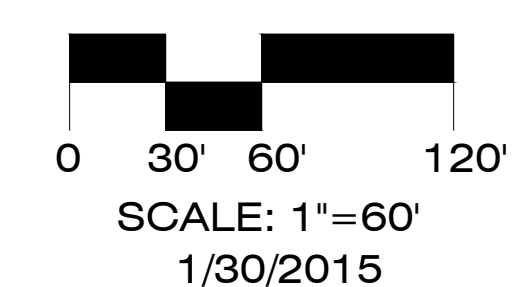
Parks & Trails Design / Development Manager
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BELLEVUE PARK PREFERRED MASTER PLAN

LEGEND

-  PROPOSED TREE
-  EXISTING DECIDUOUS TREE
-  EXISTING EVERGREEN TREE
-  PORT-A-LET ENCLOSURE
-  SHELTER
-  BENCH
-  PICNIC TABLES
-  PARK SIGNAGE,
MUTT MITT STATION
TRASH RECEPTACLE



THIS MAP IS ILLUSTRATIVE IN NATURE.
PROPERTY LINES SHOWN ON THIS MAP
DO NOT REPRESENT EXACT BOUNDARIES
ON THE GROUND.



Syringa Bike Skills Park Master Plan Narrative 2016

Park Overview

Syringa Park is a County owned 2.05 acre park located in the upper Rattlesnake Recreation Corridor across from Hellgate High School's multi-use athletic fields. Syringa Park was dedicated to the County as public parkland in 1973 with development of the Syringa Addition Subdivision. In 1989, the City of Missoula annexed this area into the City, including the park. While Syringa Park is in the City limits, the County currently manages the park in partnership with the 'Friends of Syringa Park' as an undeveloped neighborhood park.

The 2004 Master Parks and Recreation Plan for the Greater Missoula Area (MPP) calls for the transfer of County parklands within the City limits to the City. City of Missoula Parks and Recreation has requested that each park transferred from the County to the City, per the MPP, include a public supported and adopted park master plan. This process assures both City and County elected officials, as well as residents, an expected level of service and park use.

Several years ago, area neighbors organized 'Friends of Syringa Park' a neighborhood group who coordinates with the County Parks, Trails & Open Lands Program and the Missoula Weed District to develop and implement an integrated vegetation management plan for Syringa. The goal of the vegetation management plan is to reduce noxious weeds in the park, and encourage drought tolerant native grasses to flourish in the un-irrigated park. Each year, since initial efforts, 'Friends of Syringa Park' coordinates neighborhood weed pulls to control the spread of Spotted Knapweed and other noxious weeds in the park. At the request of the 'Friends of Syringa Park' in 2014, the park was not mowed in an effort to promote drought tolerant grasses. Today, neighborhood residents refer to Syringa Park as the 'Deer Park' where whitetail deer and fawns frequent late spring to early summer.

Why Syringa Park as a Bike Skills Park

The Rattlesnake Neighborhood is surrounded by open space consisting of: Mount Jumbo; North Hills; and the Rattlesnake Recreation Area. Within the Rattlesnake valley, residents have a 15 minute or less walk/bike commute to a diverse range of public parks: Gregory; Greenough; Bugbee; Tom Green; Pineview; Duncan/Mountain View playing fields; Hellgate HS playing fields; Lincolnwood Neighborhood Parks (Heritage, plus north, east and west) the Power Park Trailhead and corridor; and Syringa Park.

There are three schools in the greater Rattlesnake Neighborhood: Rattlesnake School (public); Clark Fork School (private) and Missoula International School (private). Both Rattlesnake School and Missoula International School have large open spaces and playgrounds that also serve as neighborhood parks. Because of the high level of service for parks, open space and trails in the Rattlesnake Neighborhood, it is helpful to consider what unique recreational opportunity Syringa Park could provide Missoula residents.

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With the extensive network of open space in and around the Rattlesnake Corridor, management of wildlife and habitat is important. Development of Syringa Park as a bike skills park will support ongoing City efforts to remove an unauthorized bike park from Mount Jumbo Open Space. In addition, the unauthorized bike park is located within a black bear corridor of significance, identified by Montana Fish, Wildlife and Parks.

Syringa Park, Master Plan Design Process

Through an extensive and transparent public master planning process, several guiding principles and values were identified through a series of public meetings that involved: A core leadership team, local residents, both the upper and lower Rattlesnake neighborhoods, and the 'Friends of Syringa Park'. The values and principles below guided the planning process.

- Vegetation management plan
 - Preserve existing native / desirable vegetation
 - Utilize Class I trees to mitigate view shed obstruction
- A pavilion/shade structure with picnic tables and benches
- No parking in the park
- Utilize existing park entrance for service vehicle access
- Preserve dark skies (minimal lighting is ok for security on tool shed or restroom, lights shall be motion censored)
- A little something for all / progressive bike skill features
- Water / restroom services
- Bike accessibility
- Bike maintenance area
- Dynamic park
- A place for cyclists to have a space of their own
- Low maintenance / sustainable / natural
- Year round use
- Pump track and dirt jumps

Master Park Plan

Syringa Park is designed to provide local riders of all ages and skills levels with a dynamic and progressive bike skills park aimed at youth, ages 5-17, designed specifically for practicing and developing bike skills in a safe and managed environment. Missoula Parks and Recreation in collaboration with Missoula County Parks, Trails & Open Lands, have been working with the community toward an adopted master plan since November 2015 to design the bike skills park. A bike skills park is a dedicated recreation area that includes bike trails, jumps and progressive skill features for all ages and skill levels. Generally, a bike park's natural vegetation and terrain is left in place to minimize impacts on the environment and the neighborhood. Citizen interest in bike skill parks has risen substantially in the last decade, and bike parks offer children and adults a fun way to play outside and stay active.

International Mountain Bicycle Association (IMBA) consultant has been involved in the process to help design high-quality bike skills amenities within a neighborhood park setting. IMBA is a leader in bike park development with experience from projects around the world.

To extend bike park longevity and reduce ongoing track maintenance, pre-fabricated concrete jump lips and an engineered track soil cap is recommended in bike park construction. Reference attached soil mix from IMBA (called Stoney Island BMX). The suggested cap depth is 10"-12". A thicker cap helps retain moisture longer and with stands heavier wear patterns.

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- **Park Entrance:**

Syringa Bike Park will welcome riders and spectators with three access points off the east/west pedestrian path on the south side of Lower Lincoln Hills Drive. The primary park entrance will welcome visitors with a pavilion/shade shelter, drinking fountain, bicycle work station and park signage of rules, maps and safety guidelines. The park entrance/common area is intended to be a comfortable and central gathering space for all park users. Park signage, mutt-mitt stations and trash receptacles will be placed at park entrances and bike skill features. Picnic tables will be supplied on site under the shade shelter, and be allowed to be moved to best meet user needs.

The park is designed so the easiest features are closest to the main entrance with more challenging features further away. A progressive site layout allows rides to progress through the park, with easy-to-access beginner features and moving outward toward more challenging features.

Park Restroom Services:

Multiple neighborhood residents have requested information on the feasibility of a shared use agreement with Missoula County Public Schools (MCPS) to use the Hellgate HS playing fields existing restroom across from Syringa Park. A variety of restroom facilities including flush toilets and Eco-Friendly style toilets will be considered if the need for an onsite restroom is determined. Probable project costs for a range of restrooms from a vault toilet to a standard flush restroom are:

- o Vault – \$35,000
- o Green Flush – \$50,000
- o Standards Flush – \$80,000

- **Beginner Pump Track:**

South of the pavilion/shade shelter is the kids pump track with clear and open sight lines to supervise children while still being allowed to engage in unstructured imaginative play. A pump track is designed as a continuous loop to allow cyclists of all skill levels to learn and advance their riding skills. Pump tracks are generally directional allowing users to “roll” through the rollers, berms and features. Riding a pump track is a high aerobic activity, learning to use gravity and the efficiency of a bike to get around the track with minimal pedal strokes.

- **Advanced Pump Park:**

The proposed advanced pump park in the northwest corner is identified as a future project based on need. Park staff recommends the northwest park corner be preserved as a native prairie to best support neighborhood park values and interests. Staff recognizes that Syringa is a neighborhood park and advanced, larger features would best fit in a community or regional park setting.

Staff explored the feasibility of adding an advanced feature to the intermediate pump track. It is not best practice in bike park design to integrate mixed skill levels into one feature.

- **Progressive Jump Line:**

Park users seeking an opportunity to practice jumping in a low consequence environment will benefit from the progressive jump zone. The jump zone includes beginner to advanced progression-oriented jumps, with a mix of dirt jumps, berms and ‘slopestyle features’. The start hill will be constructed from a 20’ x 8’ x 8’ shipping container with a roof top deck and rail system to a finish height of ~10’ with a forty-five percent drop-in slope optimized for generating speed. The shipping container will also serve as a bike maintenance area and storage for park maintenance tools.

The progression jump zone is designed for both mountain bike and BMX riders of all skill levels. The beginner jump line on the south offers opportunities for shorter tabletops that could be jumped or rolled over. The

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intermediate and advanced jump lines to the north will provide non-linear, varied experiences with berms, tabletops and hip jumps with varied options/routes to enhance user experience.

- Combined Single Track Skills Trail and Walking Trail:

The combined single track skills loop and walking trail is a 5' wide shared use perimeter path that is offset 15' from the east, west and southern property boundary. The offset helps insure privacy and security of adjacent property owner's. Two feet of the path is dedicated to bike circulation patterns in a clockwise direction, providing an ~1,400' long bike skills loop. An adjacent three foot outer path focused on pedestrian use combined with the northern access path provides an ~1,600' (just over a quarter mile) walking loop for non-bike enthusiasts. Optional lines with prefab features are incorporated along the inside track offering progressive skill development. Proposed bike skill features include rock gardens, rock drops and ladder bridge features that challenge riders to navigate obstacles in the trail by riding over or around them.

- Park Perimeter Path:

Park perimeter walking paths are among the top park elements Missoula residents request in their parks. Due to the shallow park depth and proximity to park neighbors, a separate perimeter path is not supported by a majority of park neighbors. In the development of a future perimeter path (proposed centerline identified on the master plan) based on need and community support, the 15' setback shall be utilized for path construction and enhanced park screening. To maintain Crime Prevention Through Environmental Design Principles, vegetation screens are encouraged over privacy fencing on the west, south and east boundaries of the park to preserve natural park surveillance, encouraging park safety.

- Park Vegetation and Screening:

Prior to further master plan development and construction, all current residents boarding the park on the west, south and east shall be contacted to determine their preferred level of vegetation screening. Homeowners will be encouraged to participate in field placement of vegetation for screening purposes along their property. It is recommended and encouraged that class I trees be specified within the park and limited in use. No new trees are requested within 30' of the southern property line between the park and private residents to preserve the northern view shed. Class II and class III trees are discouraged for park trees. Homeowners will be encouraged to participate in field placement of all new park trees at the time of installation.

An effort to protect existing park trees during park/trail construction is encouraged. Management of existing and future vegetation in the park will be guided by the Conservation Lands Management plan in conjunction with the City Urban Forester.

- Park Hours:

City Conservation Park hours are from 6:00 AM – 11:00 PM. Several Park neighbors have requested a reduction in park hours. Park staff recommends Syringa Park hours be adjusted to ½ hour before sunrise and ½ hour after sunset and no later than 10 PM. For example, June 21, the summer solstice, sunrise is 5:52 AM and sunset is 9:34 PM. Park hours would be 5:22 AM to 10:00 PM.

Syringa park is located within the bear buffer zone as per municipal code: Chapter 8.28, Garbage and Rubbish. Any garbage bin or recycle bin will need to meet standards for a bear proof trash/recycling container.

A 35 gpm well is identified to supply water and irrigation for the site. Wooded trees and shrubs shall be watered by a drip irrigation system. An east/west mainline is recommended to bisect the park with north/south laterals with quick couplers to provide a water source for track maintenance and park vegetation that is not drip irrigated.

There is one instance of park encroachment by an adjacent property owner. At the time of parkland transfer from the County to the City, a formal Memorandum of Agreement / Memorandum of Understanding shall be drafted and signed by the current property owner, corresponding parties and filed on the parcel with the County Clerk and Recorder.

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Funding is not currently available for full plan implementation. Current funding raising efforts are underway through the I Ride 4 Tanner Memorial Foundation. Possible options for funding may include park impact fees (there is minimal new development in the area) Land and Water Conservation Fund, Recreation Trails Program grants and City general and park district funds.

The estimated probable cost for full park build out that includes mobilization & fees, contingency with three onsite restrooms options are:

Mobilization & Fees	\$29,316.90	\$29,316.90	\$29,316.90
Contingency	\$20,000.00	\$20,000.00	\$20,000.00
On-site Restroom Option	Vault \$35,000.00	Green Flush \$50,000.00	Standard Flush \$80,000.000
Total Probable Cost	\$322,485.85	\$338,985.85	\$371,985.85

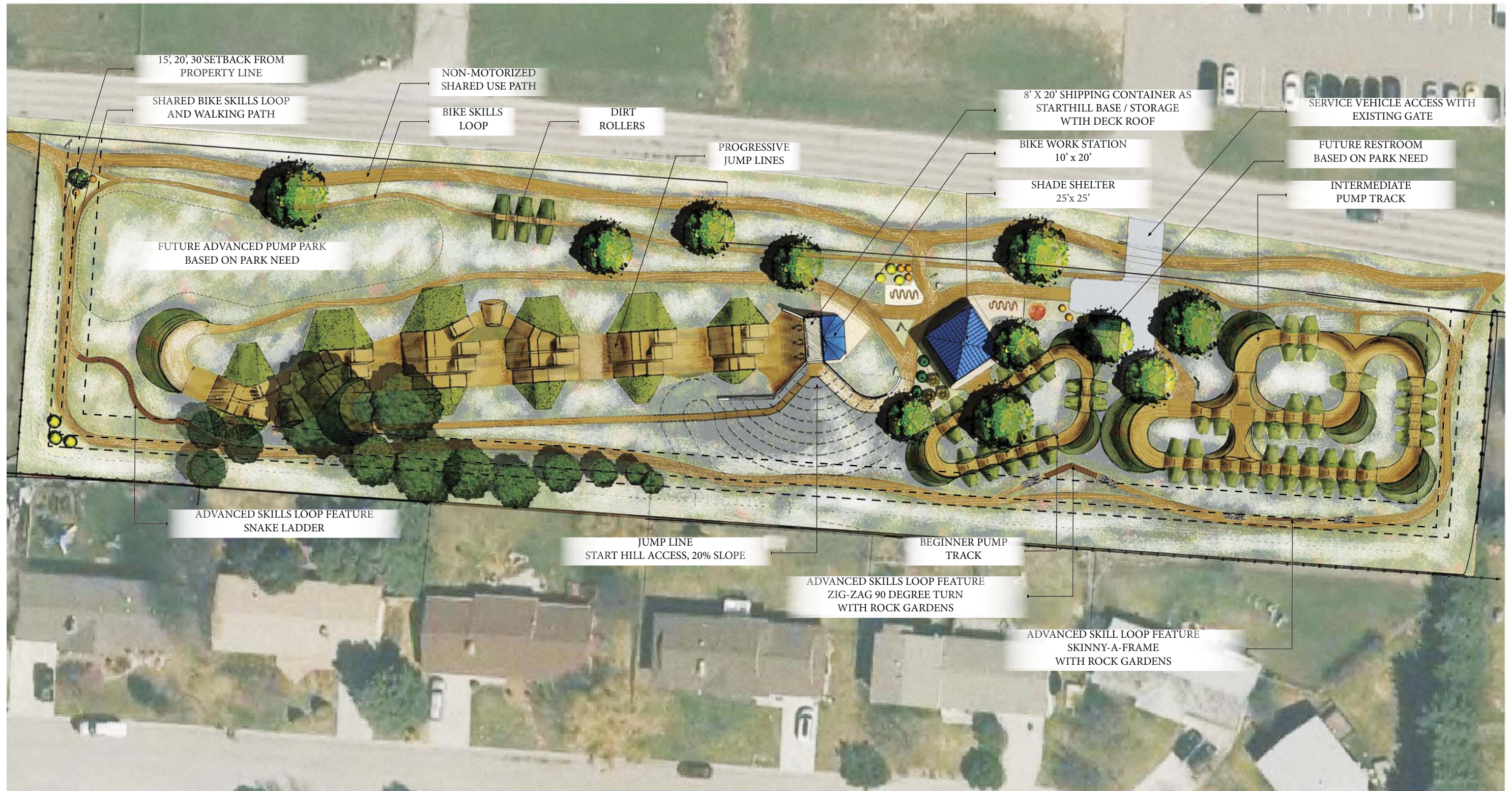
See attached estimate of probable project cost for a breakdown of the budget.

Garrick Swanson

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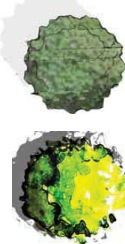
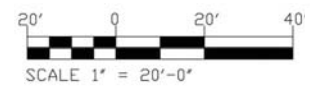
PROPOSED BIKE SKILLS PARK MASTER PLAN

SYRINGA PARK

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Parks, Trails & Open Lands
MISSOULA COUNTY



EXISTING TREES

PROPOSED TREES



