



MONTGOMERY COUNTY DEPARTMENT OF PARKS
THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION

MCPB Agenda Item
September 3, 2015

MEMORANDUM

Date: August 27, 2015

TO: Montgomery County Planning Board

VIA: Michael F. Riley, Director, Department of Parks *MR*

Mitra Pedoeem, Deputy Director, Department of Parks *Mit Pedoeem*

Michael Ma, Chief, Park Development Division (PDD) *Michael Ma*

FROM: Carl Morgan, CIP Manager, PDD *Carl Morgan*

SUBJECT: Work Session #1 for Preparing the FY17-22 Park Capital Improvements Program (CIP)

Staff Recommendation

Conditional approval of the strategy for projects funded with County General Obligation Bonds in the proposed FY17-22 CIP.

Background

To date, the Board has had two sessions to discuss the criteria, process, and schedule for preparing the FY17-22 CIP. Additionally, the Board and Montgomery County Recreation Advisory Boards held a joint public forum on April 23, 2015 to hear testimony from citizens and advocacy groups. Additionally, In July, the Planning Board has had two strategy sessions with staff to consider the fiscal climate, CIP process and prioritization. Key points that we heard from the Planning Board include:

1. Affirmation of the Board's existing CIP criteria of ***Immediacy, Need and Efficiency***
2. Public Access to Natural Areas
 - o Leverage assets to serve park users as well as protection of natural resources
 - o Improve and expand trail networks
 - o Increase other natural resource-based recreation opportunities in natural areas
3. Ballfields
 - o Make ballfields available and convenient to a growing park constituency
4. Urban Parks

- Focus park renovation and development in communities increasing in density and existing urban areas where infrastructures is often older, in need of replacement or renovation and where open space is limited.
 - Consider changing needs and interests of urban populations
 - Increase focus on urban park activations and improvements
5. Acquisitions
- Focus on land acquisition for more urban parks and other parks serving high density areas
 - Ensure that natural resource acquisitions have potential to provide natural resource-based recreation as well as enhancing the natural environment
6. Project Delivery
- Conduct fewer large-scale renovations and more targeted, phased renovations of park components
 - Use in-house staff resources to accomplish work
 - Partner with the Planning Department and Recreation Department
 - Use level-of-effort projects to maintain what we have and implement improvements to parks quickly
7. Facility Planning
- Focus on ways to activate urban parks
 - Facility Plan smaller projects to improve parks rather than large, costly projects and particularly smaller projects specifically to activate parks and provide improvements that will draw more people and make them more useable for more people and more attractive to people.
 - Explore facility planning for one of the major loops identified in the Countywide Park Trails Plan, such as, Upper Rock Creek , or near the Ag History Farm Park.
8. Wall Park Garage
- Put on separate track from CIP
 - Consult with the Council to determine how they wish to approach financing and/or creative ideas to accomplish goal.

As staff have been developing the CIP for FY17-22 we have been working to incorporate this framework while keeping existing projects moving, staying within fiscal constraints and focusing efforts on ways to maintain existing improvements and resources at the expense of larger new park developments and renovations. Staff responses to some of the Board's specific comments are discussed here, and other Board comments are addressed in the discussions of each CIP project.

Related to the Board's comments on both urban parks and facility planning, staff is currently working on activation programming for urban parks, including events this past summer in Wall Park as a pilot project. Norwood Local Park has been selected as the first park for activation efforts in the Urban Park Elements PDF. In the early years of the proposed CIP, Wall Park or Norwood Park are candidates for smaller, design work within urban park elements that will either solve existing problems and/or attract more park users. Staff is also currently working on a site selection study for dog parks to meet demand in the county's urban areas.

With regard to trails, Chair Anderson asked specifically about the next hard surface trail. Staff continue to assess trails and are preparing an amendment to the Countywide Park Trails Plan, which includes Loops and Links, and seem to agree that the expanding the North Branch Trail, which has been included in the current CIP, is one of the highest priorities. The proposed CIP also includes a connector trail in the

area of Little Bennett Regional Park that will connect recent and imminent development in the park with the County's existing and expanding trail system in the vicinity. Other trails being considered and reviewed include connectors from Sligo Creek Trail to Wheaton Regional Park and Magruder Branch Trail. We are also considering areas where natural surface trail development could be an interim solution to hard surface trails. The Magruder Branch Trail area has been considered as a candidate.

Staff also reported in the last strategy session on a new approach to product delivery that would include:

- Focus on Renovation and Maintenance in the FY17-22 CIP
- Utilizing design-build for appropriate projects
- Limit New projects and large scale renovations that require facility planning
- Performing more field engineering, especially for trail projects and environmental projects
- In the place of large-scale park renovations or overhauls, consider renovating individual features of parks incrementally.
- Look for opportunities to provide new amenities in existing parks to meet demand and changing needs of county residents
- Utilize a combination of level-of-effort projects to renovate needed portions of parks.
- Increase the appropriate level of effort projects to accommodate the added demand resulting from fewer stand alone large scale renovations and new parks.

From Strategy to a new CIP

This first work session of two will focus on the general obligation (GO) bond funded projects. The final work session, tentatively scheduled for September 24, will focus on projects funded primarily with Park and Planning Bonds as well as projects funded by other sources. At the adoption session scheduled for October 8, staff will present a summary of both work sessions and follow up on any remaining issues or recommendations. The Board will also receive a complete set of project description forms (PDFs), including operating budget impacts (OBI), for final approval. The recommended FY17-22 CIP will be forwarded to the County Executive and County Council by November 1, as required by State Law, with a favorable recommendation.

The County Executive will recommend a proposed FY17-22 CIP by January 15, 2016, which will include his recommendations for the M-NCPBC CIP, and transmit that to the County Council. The County Council will hold public hearings on the proposed CIP in early February and conduct work sessions in February and March. The CIP typically is scheduled for adoption by Council in May.

County General Obligation (GO) Bonds in the CIP

At the first CIP strategy session on July 9, staff reported that the Office of Management and Budget had just held a CIP kickoff meeting and several forums where among other things the Department reported on the challenging fiscal situation for the County and that departments and outside agencies were strongly encouraged not to increase GO bond levels in the early years of the upcoming CIP, with particular emphasis on fiscal years 17 and 18.

In the last Strategy Session, staff reported that the Commission's portion of GO bond funding in the FY15-20 CIP was about 4% of the County's overall GO bonds¹. Considering the currently adopted Spending Affordability Guidelines (SAG) set by the Council last February of \$340 million per year for Fiscal years 17-20, the Commission could potentially program about \$13.6 million of GO bonds in the next CIP for those years and not significantly burden the County's overall GO bond-levels to the point of exceeding SAG.

To illustrate the impact of the Commission's effect on the overall SAG for the County CIP, consider that if the County's overall GO bond level is programmed fully at the cap of \$340 million, for every \$1 million in GO bonds that M-NCPCC adds or removes each year from its own CIP, there is an impact of about 0.29% to the County's overall GO bonds for that year.

The County Council will revisit SAG levels at the end of September, to be adopted by the Council no later than October 6, 2015. Should the Council lower SAG for the initial years of the CIP, which would be unusual but possible, then the Board may need to revisit GO bond levels assumed in the recommended FY17-22 CIP at the adoption session on October 8, 2015. In the meantime, staff will assume the current target of \$340 Million per year.

A Scenario for General Obligation (GO) Bonds in the CIP

Staff have created a scenario for GO Bond funded projects to present to the Planning Board in this work session. We have paid careful attention to Planning Board guidance, SAG limitations and GO bond funding in the currently adopted CIP.

The overall CIP is shaping up with a small increase, but well within SAG for Park and Planning Bonds and within currently adopted GO bond levels that do not add significant changes to the County's overall SAG. Below is a comparison of the staff proposal for GO Bonds to the currently adopted FY15-20 CIP.

GO Bond funding by CIP: Proposed FY17-22 to Adopted FY15-20 (\$ x 000)

	Total GOB in 6- yrs	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22	BSY ²
17-22 CIP (Proposed)	81,939			13,816	13,497	14,151	12,096	14,564	13,815	39,408
15-20 CIP (Adopted)	72,616	9,789	11,103	13,385	12,987	13,496	11,856			33,937

Looking more closely at the four overlapping years, which will make up the first four years of the proposed CIP, we see a small increase averaging about \$460k per year and 3.6% above current levels.

¹ In the FY15-20 CIP, the Commission's programming of \$72.6 million of GO bonds is about 4% of the County's programming of \$2.03 billion of GO bonds.

² BSY = "Beyond Six Years" which includes funding for projects partially funded in the CIP but with anticipated funding beyond the six-year timeframe.

**Four Year Comparative Analysis:
Proposed FY17-22 to Adopted FY15-20
(\$ x 000)**

	FY17	FY18	FY19	FY20	4-year total
17-22 CIP (Proposed)	13,816	13,497	14,151	12,096	53,560
15-20 CIP (Adopted)	13,385	12,987	13,496	11,856	51,724
Dollar increase	431	510	655	240	1,836
Percent increase	3.22%	3.93%	4.85%	2.02%	3.55%

Looking at the larger picture, comparing the dollar increase in the proposed scenario to the County's overall adopted CIP, which includes \$1.4 billion over the four comparative years, the proposed increase impacts the County's overall GOB funding levels by less than 0.2%.

**Increase Comparison:
Proposed M-NCPPC FY17-22 to Montgomery County Adopted FY15-20
(\$ x 000)**

	FY17	FY18	FY19	FY20	4-year total
Dollar increase (table above)	431	510	655	240	1,836
Adopted 15-20 CIP (Montgomery County)	377,823	367,311	349,316	310,175	1,404,625
Percent increase with respect to GOB in the entire Montgomery County CIP	0.11%	0.14%	0.19%	0.08%	0.13%

Within the fiscal constraints discussed in the prior strategy sessions, meeting the needs of a growing county population, managing an expansive system of aging facilities, being environmental stewards over natural resources in the parks, and dealing with increasing costs and regulatory demands, developing a progressive CIP is a challenge. In an ideal scenario that would include a healthier economy, staff would certainly propose a more robust capital program, and be justified in doing so. We feel that this current proposal, with only a small increase of 3.6%, or 0.13% County-wide, we are closer to finding a balance within the current fiscally challenged context.

Before going into depth on the scenario, staff will present a brief description of projects funded fully or partially with GO Bonds. CIP Projects are generally categorized as level-of-effort (LOE) or stand-alone. Level-of-effort projects have a consistent and continuous level of funding from year-to-year and fund smaller sub-projects that do not require facility planning. Stand-alone projects are distinct individual projects that were reviewed and approved by the Board as facility plans before County Council was asked to approve design and construction funds.

Typically, the projects funded by GO bonds are those that have a county-wide significance, audience or user group, such as a regional park or the stream protection program. Debt service for GO bonds is paid out of Montgomery County Government's operating budget. The Commission also funds some projects with its own Park and Planning bonds that are issued separately. However, these bonds typically fund parks and projects that serve a smaller group of users such as a local park. Debt service for park and planning bonds is paid out of the Commission's own operating budget.

On the next page you will find information about GO bond funded projects, both level-of-effort and individual standalone projects as well as some of the new proposed projects. While some information is provided about changes from the current CIP, the discussion is focused on GO bonds. Funding from other sources, such as Park and Planning Bonds, will be discussed in the next work session.

Existing GO Bond-Funded Level-of-Effort Projects

Project Name	Project Description
1. Legacy Open Space	Purchase of land identified as having exceptional value per the Legacy Open Space Master Plan
2. ADA Compliance: Non-Local Parks	Comprehensive effort to ensure that all non-local parks and park facilities are built and maintained in compliance with Title II of the Americans with Disabilities Act (ADA) and the ADA Accessibility Guidelines (ADAAG) standards
3. Ballfield Improvements	Improvements include ballfield lighting, turf and infield renovations, drainage improvements, bleachers, synthetic turf installations, or other initiatives to increase availability and quality of athletic fields.
4. Cost Sharing: Non-Local Parks	Joint park projects with private sector or public agencies
5. Energy Conservation: Non-Local Parks	Facility modifications to control fuel and utilities consumption
6. Minor New Construction: Non-Local Parks	Construction of projects under \$300,000 that do not require facility planning
7. Planned Life Asset Replacement (PLAR): Non-Local Parks	Renovation or replacement of aging, unsafe, or obsolete local park facilities or components of park facilities
8. Pollution Prevention and Repairs to Ponds and Lakes	Enhance environmental conditions across park system as mandated by the EPA's National Pollution Discharge Elimination System (NPDES) Permits and MDE Dam Safety requirements.
9. Restoration of Historic Structures	Planning, restoring, and rehabilitating historic structures in the Parks Department's inventory
10. Roof Replacement Non-Local	Roof repairs on non-local park facilities
11. Stream Protection: Stream Valley Parks	Corrective improvements to damaged stream channels, floodplains, and tributaries in stream valley parks and construction of new stormwater management facilities and associated riparian enhancements to improve watershed conditions.
12. Trails: Hard Surface Design & Construction	Provides new hard surface trails, including connectors, kiosks, benches, drainage, and signage
13. Trails: Hard Surface Renovation	Major repair and renovation of existing hard surface trails.
14. Trails: Natural Surface Design & Construction	Construction and renovation of existing natural surface trails

Potential Funding Level Changes for GO Bond-funded LOEs

Typically, level-of-effort projects are funded at similar levels year to year throughout the six year CIP program unless there is compelling reason to increase or decrease the level of funding based on cost changes or shifting priorities. Many level-of-effort projects have not increased for years. When they have, it has generally been in a selective year or two to meet an immediate need. Considering the fiscal challenges within the next several years, it is difficult to ask for increases in our level of effort projects. However, considering the Commission's shift in focus to maintenance, renovation and construction through the level of effort projects; diminishing the number of otherwise large, wholesale park renovations and new developments; and the increase of construction costs and regulatory demands, it is necessary to ask for a modest increase in the following projects:

ADA Compliance: Non-Local Parks (P128702)

Park Audits were completed during the initial years of the current CIP and the Department has submitted its transition plan to address ADA deficiencies in the County to the Department of Justice. Assessments were finished a year early and the final transition plan will be submitted next August. Estimated barrier removal costs are at \$26.4million for about 6,000 barriers identified for removal. Looking at a window of 15 years and other adjustments, staff anticipates a need of about \$2.1 million per year whereas it is currently funded at about \$1.4 million. The proposed increase to \$900k per year is will help meet this need in our non-local parks, as well as fund additional projects the Department would like to accomplish using its new method of project delivery. One candidate project is a phased \$3million renovation project addressing the parking areas, park activation, and a restroom facility on the west side of Wheaton Regional Park near the existing carousel and also the Shorefield area to the north. Under the new method of project delivery mentioned earlier, this PDF will also assist a \$1.5million ballfield and restroom project in the athletic area of Wheaton Regional Park.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
Current Revenue	15-20	50	50	50	50		
	17-22	50	50	50	50	50	50
GO Bonds	15-20	750	800	800	800		
	17-22	850	850	850	850	850	850
TOTAL	15-20	800	850	850	850		
	17-22	900	900	900	900	900	900

Ballfield Improvements (P008720)

This project addresses countywide ballfield needs by funding ballfield improvements on parkland, school sites, and other public sites or private properties, e.g. utility company rights-of-way. Improvements may include, but are not limited to, ballfield lighting, reconfiguration, upgrades, or new partnership initiatives. The on-going renovation schedule includes turf and infield renovations at approximately ten local parks annually.

Candidate projects in FY17 and FY18 include improvements in Blair Local Park, Martin Luther King Recreational Park, Northwest Branch Recreational Park and Olney Manor Recreational Park.

The focus will be in irrigation and drainage improvements on four rectangle fields, three baseball fields and one softball field. It will also contribute to the \$1.5million ballfield and restroom project mentioned above in the athletic area of Wheaton Regional Park.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
TOTAL	15-20	820	820	900	950		
	17-22	1200	1200	900	950	950	950

Legacy Open Space (P018710)

In Strategy Session 2, staff reported that this program originally had a goal to spend \$100million over a 10-year period. However, funding cuts over the years have extended well beyond a decade. Over the life of the program, it has been funded on the average at \$4.3 million per year, and there is interest in restoring it to at least that level of funding.

Due to constraints on GO bonds staff is not recommending an increase at this time. Also, due to recent lack-luster performance of Program Open Space, the assumed funding in FY17 and FY18 was removed. However, \$1million of POS is retained each year in our Acquisition PDFs which should allow the Department to move forward with some acquisitions with State supported funds as well as with County and Commission funding in our Acquisition PDFs and Legacy Open Space.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
Current Revenue	15-20	250	250	250	250		
	17-22	250	250	250	250	250	250
GO Bonds	15-20	2500	2500	2750	2750		
	17-22	2500	2500	2750	2750	2750	2750
Park& Planning Bonds	15-20	500	500	500	500		
	17-22	500	500	500	500	500	500
POS	15-20	1000	1000	0	0		
	17-22	0	0	0	0	0	0
TOTAL	15-20	4250	4250	3500	3500		
	17-22	3250	3250	3500	3500	3500	3500

Minor New Construction - Non-Local Parks (P998763)

This project covers a variety of needs. It involves new construction and reconstruction projects under \$300k and includes improvements such as picnic shelters, storm water management and drainage upgrades, parking lot expansions, walk ways, retaining walls, and sewer improvements. It is a catchall project that funds projects that often do not fit elsewhere in the CIP and often funds unanticipated emergency projects. The combined PDFs (local and non-local) have a candidate list estimated at about \$2.7 million, which at current funding would take 18 years to complete. The proposed funding increase will help address this need in our local parks, as well

as fund additional projects the Department would like to accomplish using its new method of project delivery. This includes providing support for two projects under the new approach to project delivery; a nature instructional facility/yurt in Black Hill Regional Park estimated at \$750k and the \$1.5million ballfield and restroom project mentioned above in the athletic area of Wheaton Regional Park.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
TOTAL	15-20	150	150	150	150		
	17-22	750	750	225	225	225	225

Planned Lifecycle Asset Replacement: NL Parks (P968755)

This is a master project with several subprojects that include:

- Play Equipment - The current average cost for a local park playground with wood fiber surfacing (not poured rubber) is \$175,000 per playground. Current funding for local and non-local parks is at \$1,030,000 per year, which would fund only 6 playgrounds per year at current costs. This creates a 37-year life-cycle replacement schedule. We should implement 10-11 playgrounds per year to keep up with life-cycle of inventory. The request includes an increase of \$296k (to \$420k from \$124k).
- Minor Renovations – This is the most widely used funding source and covers any renovation or replacement in Local and Non-Local Parks to aging, unsafe, or obsolete infrastructure or its components involving a variety of park amenities such as Pedestrian Bridges, Water Fountains, Underground Fuel Tanks, Boardwalks, Benches, Doors, Handrails, Fences, Steps, Underground Utilities, Light Fixtures, Sprinkler Systems, Restrooms and Shelters, Drainage and Erosion Control. The Non-Local side of this project is funded at about \$1.2 million per year. If the component annual programs for projects such as bridges, fuel tanks, water fountains, Horticulture and Facilities Maintenance are fully funded for their minimum needs, there is only about \$136k per year to meet the needs of all other minor renovations throughout our non-local parks, such as Wheaton Regional Park, which tend to be our largest and most used parks. The request includes a small increase in GO bonds (from \$61k to 90k) and an increase in Current Revenue (from \$1.2m to 2m). Under the new method of project delivery, this will also support Wheaton Athletic Area project mentioned earlier and a \$700k renovation project at the historic Seneca/Poole Store.
- Tennis and Multi-use Courts – This funds the renovation of tennis and multi-use courts. Our current inventory is funded on a level of about 40 year life-cycle when this should be about 20-25 years. The request includes a \$35k increase from (\$85k to \$120k) to address life-cycle needs in non-local parks.
- Resurfacing Parking Lots & Paths – This covers paving projects that include pavement (asphalt and concrete),pavement markings, parking blocks, signs, drainage, curbs, gutters, sidewalks, pathways, walkways, and design and construction costs. We

currently maintain about 260 acres of existing pavement in the park system, or an equivalent of about 38,000 parking spaces. At current funding the life-cycle replacement schedule is about 250 years, when it should be about 25 years. The request includes a \$330k increase (from \$300k to \$630k) to address the life-cycle needs.

- Boundary Markings – this project funds surveying activities in the park system and assumes an increase of \$10k (from \$30k to \$40k).

(Summary of PLAR requests above)

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
Current Revenue	15-20	1200	1200	1200	1200		
	17-22	1440	1440	1440	1440	1440	1440
GO Bonds	15-20	600	600	600	600		
	17-22	1860	1860	900	900	900	900
TOTAL	15-20	1800	1800	1800	1800		
	17-22	3300	3300	2340	2340	2340	2340

Pollution Prevention and Repairs to Ponds & Lakes (P078701)

This project cost increase is needed to meet necessary cost increases in meeting regulatory requirements and maintain the scheduled work program (NPDES³ MS4⁴ Permit Requirements, NPDES Industrial Permit for maintenance yards, aging non-stormwater management pond infrastructure funding). It addresses pollution discharge from various sources, storm water management, non-storm water pond rehabilitation, storm drain mapping and unplanned drainage or erosion repairs. Staff recommends an increase of \$300k (from \$650k to \$1m) in FY17 and FY18 to address the current backlog of projects and to support SWM improvements to Wheaton Stables and the Seneca/Poole Store Project mentioned earlier that is being done under the new method of project delivery.

³ **NPDES** - National Pollutant Discharge Elimination System - Mandated by Congress under the Clean Water Act, the NPDES Stormwater Program is a comprehensive two-phased national program for addressing the non-agricultural sources of stormwater discharges which adversely affect the quality of our nation's waters. The program uses the National Pollutant Discharge Elimination System (NPDES) permitting mechanism to require the implementation of controls designed to prevent harmful pollutants from being washed by stormwater runoff into local water bodies.

⁴ **MS4** - The regulatory definition of an MS4 (40 CFR 122.26(b)(8)) is "a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains): (i) Owned or operated by a state, city, town, borough, county, parish, district, association, or other public body (created to or pursuant to state law) including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the Clean Water Act that discharges into waters of the United States. (ii) Designed or used for collecting or conveying stormwater; (iii) Which is not a combined sewer; and (iv) Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2."

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
Current Revenue	15-20	300	300	300	300		
	17-22	325	325	325	325	325	325
GO Bonds	15-20	350	350	350	350		
	17-22	675	675	400	400	400	400
TOTAL	15-20	650	650	650	650		
	17-22	1000	1000	725	725	725	725

Restoration of Historic Structures (P808494)

This project funds restoration of historic resources throughout the park system. Current funding is at about \$300k per year. On average, park projects under this umbrella cost around \$400k or more allowing less than one project per year. The Parks Department maintains a large inventory of historic structures, many of which are vacant and in need of restoration. Current funding levels leave many resources unoccupied and subject to the elements, animals, and vandalism. The requested increase of \$50k will help cover ongoing project at the Seneca/Poole Store and stabilization at the Jesup Blair House. Additional stabilization work is being discussed with Facilities and Council staff. At the session on September 3, we may present a slightly different scenario below or may revisit this with the Board in Work Session #2 on September 24.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
Current Revenue	15-20	250	250	250	250		
	17-22	300	300	300	300	300	300
GO Bonds	15-20	50	50	50	50		
	17-22	50	50	50	50	50	50
TOTAL	15-20	300	300	300	300		
	17-22	350	350	350	350	350	350

Roof Replacement: Non-Local Pk (P838882)

This project funds roof renovations to park buildings. Based on candidate projects during the CIP cycle, staff recommends a slight increase of \$37k (from \$263k to \$300k). This is to cover the construction cost of each roof, estimated at about \$300k and to cover the additional cost of design. This is based on a candidate list of three projects planned over the next four years at Wheaton Maintenance Yard (MY), Meadow Brook MY and Need wood Mansion.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
Current Revenue	15-20	63	63	63	63		
	17-22	63	63	63	63	63	63
GO Bonds	15-20	200	200	200	200		
	17-22	237	237	237	237	237	237
TOTAL	15-20	263	263	263	263		
	17-22	300	300	300	300	300	300

Stream Protection: SVP (P818571)

This project funds repairs to streams that are degraded by development. It includes projects that address issues such as channel erosion, existing infrastructure that impede fish migration, floodplain disconnection due to stream downcutting, excessive scour from culverts and bridges, debris jams, and degraded riparian buffers. The current list of candidate includes at least six high-priority projects of \$500k to \$1million, but the PDF is only funded at \$577k per year. Staff recommends an increase of \$300k (from \$575 to \$875) in FY17 and FY18 to address this need.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
TOTAL	15-20	575	575	600	600		
	17-22	875	875	600	600	600	600

Trails: Hard Surface Design & Construction (P768673)

This project provides for the design and construction of new trails and extensions or connectors to existing trails, as well as trail amenities, and trail signage. It does not include reconstruction or repair of existing trails. Hard surface trails accommodate road bicyclists, pedestrians, and in-line skaters and meet Americans with Disabilities Act (ADA) guidelines, where feasible. The proposed FY17 funding of \$300 will not fund the current program. Candidate projects include Capital Crescent Trail/Little Falls Trail Connector, Old Carroll Avenue to Sligo Creek Trail, Trail signage in various parks (Rock Creek, Little Falls Branch, Long Branch, and Northwest Branch). The additional request of \$150k will help address this backlog.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
TOTAL	15-20	300	300	300	300		
	17-22	450	450	300	300	300	300

Trails: Hard Surface Renovation (P888754)

The amount of funding was increased to \$800k for FY15-16. Otherwise funding was \$300k. With the present funding, we will only be able to work on Rock Creek SV 2-3 through FY18. We have approximately 60 miles of trails, most of which are past their life cycle having been built mostly in the 70's and 80's. This PDF has been under-funded for a while and waiting on repairs increases the eventual cost of the renovation. In addition to Rock Creek, this project will also support a \$1m Pine Lake Trail renovation being done under the Department's new method of project development.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
GO Bonds	15-20	300	300	300	300		
	17-22	700	500	300	300	300	300
POS	15-20	300	0	0	0		
	17-22	300	500	0	0	0	0
TOTAL	15-20	600	300	300	300		
	17-22	1000	1000	300	300	300	300

Trails: Natural Surface & Resource-based Recreation (P858710)

Formerly known as “Trails: Natural Surface Design, Construction & Renovation” this project is one of the key level-of-effort projects that will support providing access to natural, undeveloped park land. The focus will still be natural surface trails, but it will also help support natural resource-based recreation uses as identified in the *2012 Park, Recreation and Open Space (PROS) Plan*. Natural resource-based recreation includes a vast range of pursuits including bicycling, hiking, running, and horseback riding on trails, bird watching, nature photography, wildlife viewing, kayaking, rowing, canoeing, and fishing.

A large portion of the natural surface trails program is done by volunteer and non-profit organizations. Staff would like to consider a modest increase for additional trail enhancements/optional obstacles along existing trails and recommends the \$50k per year increase in current revenue.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
Current Revenue	15-20	200	200	200	200		
	17-22	250	250	250	250	250	250
GO Bonds	15-20	50	50	50	50		
	17-22	50	50	50	50	50	50
TOTAL	15-20	250	250	250	250		
	17-22	300	300	300	300	300	300

Urban Park Elements (P871540)

This was a new level of effort project in the FY15-20 CIP which was a recommendation coming out of the 2012 Park, Recreation, and Open Space Plan (PROS). This new project was first envisioned to fund at least one amenity per park per year anticipated at \$600,000 each. The Urban Park Elements level of effort project creates a specific funding source that could be used to fund the various urban parks that are envisioned in county master plans as well as to renovate existing urban spaces. Due to budget constraints last cycle, the County Executive recommended not funding this project. However, the Council approved funding for the first two years at \$250k after the Department agreed to fund it initially with money that was otherwise to be used for Ballfields. The first project funded by Urban Park Elements was the Ellsworth Dog Park that will be complete this fiscal year. Future projects for FY17 and FY18 include providing

new elements at Wall Park in White Flint and repurposing existing elements at Norwood Park in Bethesda. Typical elements considered in this PDF include looking at a dog parks, skate parks, outdoor fitness equipment, and improving site circulation, parking and trails. Staff recommends funding all six years at the same level as FY15 and FY16 using GO Bonds.

	CIP	FY17	FY18	FY19	FY20	FY21	FY22
TOTAL	15-20	0	0	0	0		
	17-22	250	250	250	250	250	250

Existing GO Bond-Funded Stand-Alone Projects

Brookside Gardens Master Plan Implementation (P078702)

This project implements Phases I, II and V of the Brookside Gardens Master Plan at 1800 Glenallan Avenue, Wheaton. Phases I and II improve the Visitor's Center entrance, parking, access and stormwater management. These phases were combined for design and construction and are nearly complete.

Phase V is the newest project involving the Plant Propagation Area and includes construction of a new greenhouse. Brookside Gardens and the Montgomery Parks Foundation received a \$1million private donation towards construction of a new plant production greenhouse which the Department is using to constructing the greenhouse and supporting infrastructure. The facility will help consolidate growing areas and provide operational efficiencies at an estimated cost of about \$3.2 million.

The increases in FY17 and 18 address plantings in Phase I that are currently not funded and will be provided by the Department's Horticulture, Forestry and Environmental Education Division and cover additional construction contingencies (\$350k in FY17). It also addresses higher than expected bids for the greenhouse and having to address poor soil conditions creating additional cost for the foundation and stormwater management around the new structure (\$600k in FY18) Staff recommends these increases.

The master plan for Brookside includes fifteen phases with improvements that include strembank stabilization, a new visitor center and conservatory, interpretive and wayfinding signage, ADA renovations, and facility planning for a service hill and maintenance yard. While there is no capacity in the CIP at this time, staff has placed funding for these projects in the "Beyond Six Years" column for a future CIP.

	CIP	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
Contributions	15-20	1350		500	0	0	0			0
	17-22	1350	500	500	0	0	0	0	0	
Current Revenue	15-20	283		0	0	0	0			0
	17-22	283	0	0	0	0	0	0	0	
GO Bonds	15-20	6287		1000	771	0	0			0
	17-22	9938	1554	954	600	0	0	0	0	2260
POS	15-20	1200		0	0	0	0			0
	17-22	1200	0	0	0	0	0	0	0	
TOTAL	15-20	9,561		1500	771	0	0			0
	17-22	12,771	2054	1454	600	0	0	0	0	2260

Josiah Henson Historic Park (P871552)

The 2.1 acre park is located at 11420 Old Georgetown Road in North Bethesda, Maryland just south of Tilden Lane. This project seeks to make the house and park a destination for historic education and international tourism and tie the story of slavery to the Montgomery County Public School's Social Studies curriculum. The project work includes converting the historic Riley/Bolten House to a public museum; constructing a new visitor orientation center, new bus-drop off area and small parking lot; and new landscape site work that will make the park accessible for visitors. The museum's exhibit storyline will focus on the first-person narrative of Josiah Henson, a former slave who escaped from the Riley Plantation to freedom in Canada and whose autobiographical life story inspired Harriet Beecher Stowe to write her world-famous novel, *Uncle Tom's Cabin*. The historic house will not be a traditional house museum with furnished rooms, but a more experiential and interactive place, with exhibits not only in the house but outside along the path and grounds to recall a plantation with planted crops, a kitchen garden, simulated outbuildings, and archaeological stations. Docent tours will still be provided. The Facility Plan for this project was approved on June 6, 2013. In the 2015 session of the State Legislature, the project also received an additional \$100k in a bond bill for the project. This is included in the PDF which also reflects a shift in some funding to address a more realistic construction schedule.

	CIP	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
State Aid	17-22	100	100	0	0	0	100	0	0	
Contributions	15-20	850		0	0	0	850			0
	17-22	850	350	0	0	0	350	0	0	
GO Bonds	15-20	4480		0	700	1750	1250			780
	17-22	4480	4980	0	250	1850	1550	1330	0	
POS	15-20	520		260	0	0	0			0
	17-22	520	260	260	0	0	0	0	0	
TOTAL	15-20	5850		260	700	1750	2100			780
	17-22	5950	5690	260	250	1850	2000	1330	0	

Laytonia Recreational Park (P038703)

Laytonia Recreational Park is located at the northeast quadrant of the intersection of Muncaster Mill Road and Airpark Road in the Derwood area of Rockville. Access will be from Airpark Road. The park consists of three parcels totaling nearly 51 acres: an undeveloped surplus school site, a parcel dedicated through the subdivision process, and adjacent church property purchased by M-NCPPC. The new County Animal Shelter will be located on a 7-acre portion of the property. The approved plan includes: one full-size lit, irrigated baseball field; one lit synthetic turf field; two rectangular irrigated turf fields; 240 parking spaces with the potential for 50 additional spaces in the future if needed; playground; basketball court; combination restroom picnic shelter; and trails. The decrease in funding in FY17 and 18 is due to a construction pace that exceeds the funding schedule in the PDF and involved the transfer of \$2.4m for which the Department already had spending authority being shifted to FY16.

	CIP	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
GO Bonds	15-20	9192		2500	2377	0	0	0		0
	17-22	9192	2500	1500	1000	0	0	0	0	
PAYGO	15-20	387		0	0	0	0	0		0
	17-22	387	0	0	0	0	0	0	0	
POS	15-20	3000		1500	500	0	0	0		0
	17-22	3000	0	0	0	0	0	0	0	
TOTAL	15-20	12,579		4000	2877	0	0	0		0
	17-22	12,579	2500	1500	1000	0	0	0	0	

Little Bennett Regional Park Day Use Area (P138703)

The Little Bennett Regional Park Day Use Area, located on the east side of MD Route 355 north of Comus Road, is a 65-acre existing meadow adjacent to wooded areas of the park and Soper's Branch stream. The day use area is designed to provide nature-based recreation and protects and interprets the existing meadow and adjacent forest habitat. The program of requirements from the master plan is accomplished in a uniquely sustainable manner that interprets the natural and cultural landscapes of the area. The project includes a multi-purpose outdoor classroom building, outdoor educational space and amphitheater, group picnic areas and shelter, play complex, sledding hill, hay play, group fire ring, teaching alcoves, two entrances and an access road, parking, bike path, hard and natural surface interpretive trails, bridges and boardwalks with overlooks, meadow enhancement and management, control of invasive species, managed forest succession, and stream restoration. Design will begin FY17 with construction to be completed in FY21.

This project is schedule as approved. Staff recommends replacing \$1m of GO Bonds in FY20 with Program Open Space as well as programming funds in FY21 and 22 that were formerly outside of the six-year CIP.

	CIP	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
GO Bonds	15-20	14,253		250	310	2524	2304			8865
	17-22	13,253	13,253	250	310	2524	1304	4432	4433	
POS	17-22	1000	1000				1000			
TOTAL	15-20	14,253		250	310	2524	2304			8865
	17-22	14,253	14,253	250	310	2524	2304	4432	4433	

Magruder Branch Trail Extension (P098706)

This project adds 3/4 mile of hard surface trail in Magruder Branch Stream Valley Park Unit #2 from Valley Park Drive to the Damascus Town Center. This segment meets with the existing 3.1 mile trail that runs from Damascus Recreational Park north, thereby providing an eight foot wide hard surface trail through wooded stream valley that connects Damascus Recreational Park to the Damascus Town Center. This new trail segment includes one bridge and 1,300 feet of boardwalk through sensitive areas, as well as road crossing improvements at Bethesda Church Road.

This project was moved outside of the six-year CIP in FY15-20 due to capacity issues from other higher priority projects. Staff recommends the same approach for FY17-22. However, as was mentioned earlier in the report, we are also considering areas within the park system where natural surface trail development could be an interim solution to some planned hard surface trails. The Magruder Branch Trail would be a strong candidate.

	CIP	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
GO Bonds	15-20	2269		0	0	0	0			2269
	17-22	2269	0	0	0	0	0	0	0	2671
POS	15-20	360		0	0	0	0			360
	17-22	360	0	0	0	0	0	0	0	0
TOTAL	15-20	2629		0	0	0	0			2629
	17-22	2629	0	2629						

North Branch Trail (P871541)

The North Branch Hiker-Biker Trail will be a new trail located within Rock Creek Regional Park and the North Branch Stream Valley Park Unit 4 and is approximately 2.2 miles in length including connector trails. It is one segment of a continuous regional park trail system that would extend from the District of Columbia to Olney. There are two segments of this trail. The first will connect the Lake Frank Lakeside Trail to the Emory Lane Bikeway at the intersection of Muncaster Mill Road. A 20 space parking lot will be built off of Muncaster Mill Road for trailhead parking. Improvements to the intersection of Muncaster Mill Road and Emory Lane are proposed. The second segment connects the Route 200 Bikeway to the future trail being built by the developer at the Preserve at

Rock Creek.

This trail system through Lake Frank and the North Branch of Rock Creek has been recommended in multiple master plans for many years, including the 1978 Master Plan of Bikeways, the 2005 Olney Master Plan, the 2004 Upper Rock Creek Area Master Plan, the 2008 Countywide Park Trails Plan, the 2000 Rock Creek Regional Park Master Plan and the 2008 Upper Rock Creek Trail Corridor Plan. The Planning Board approved the facility plan for this project on June 27, 2013.

This project recently received a \$2million Transportation Alternatives Grant from the State. Staff recommends replacing a similar amount of assumed Program Open Space with the new grant funds.

	CIP	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
Federal Aid	15-20	907		0	0	0	907			0
	17-22	2000	2000	1000	1000	0	0	0	0	
GO Bonds	15-20	1362		0	0	250	1112			0
	17-22	2290	2290	0	0	1150	1140	0	0	
POS	15-20	2021		100	966	955	0			0
	17-22	0	0	0	0	0	0	0	0	
TOTAL	15-20	4290	4290	100	966	1205	2019			0
	17-22	4290	4290	1000	1000	1150	1140	0	0	

Northwest Branch Recreational Park-Athletic Area (P118704)

The athletic area at Northwest Branch Recreational Park is located on Norbeck Road, between Layhill and Norwood Roads. The site is approximately 41 acres in area, of which Maryland State Highway Administration (SHA) owns 23 acres, and M-NCPPC owns 18 acres. This project consists of two phases. Phase I is under construction by SHA, anticipated to be complete in Spring of 2014, and will include the following: adult baseball field, three adult sized multi-purpose rectangular fields, football field, 225-space parking lot, and trails for field access and connection to the existing trail on Norwood Road. The remainder of the park was to be constructed by M-NCPPC in two phases, IIa and IIb. Phase IIa will include expansion of the eight-foot wide hard surface trail, playground, landscaping, picnic shelter, and maintenance building and storage bin area. Phase IIb will include additional parking, synthetic turf field, lighting, irrigation, and a restroom building. Detailed design of Phase IIa started in July 2013 however, funding for it has been programmed into the later years of the proposed CIP due to fiscal capacity.

	CIP	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
TOTAL	15-20	350		0	0	0	0			0
	17-22	4250	250	0	0	0	0	100	150	4000

Rock Creek Maintenance Facility (P118702)

The existing Rock Creek Park Maintenance Yard is located within Rock Creek Regional Park at 15881

Beach Drive in Derwood, MD 20855. It is east of the intersection of Needwood Road and Beach Drive. The site is approximately five acres. The existing buildings were built during the 1960's and 1970's when the park was first developed. The main objective for this project is to bring the existing outdated, inadequate and deteriorated facility up to industry standard and comparable to other newer facilities such as the Black Hill, Cabin John, and Wheaton Maintenance Yards.

The major components of the project include: an administration building, vehicle maintenance shop, workshops for two crews, equipment storage building, material storage building, staff parking, vehicle parking, and fuel island. The consultant has designed the new maintenance facility with the objective of achieving a green building level of at least LEED Silver rating without any major additional cost to the project. Construction will be complete in FY16 and so remaining funding is being transferred to FY16.

	CIP	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
TOTAL	15-20	9655		2900	2044	1832	0			0
	17-22	9655	0	0	0	0	0	0	0	

Warner Circle Special Park (P118703)

Warner Circle Special Park is a 4.5-acre property located in the Kensington Historic District. It was originally the home of Brainard Warner, the founder of the town. The property, which includes an 1890s house and a 1910s carriage house, was acquired by the Commission in 2005-2006 through the Legacy Open Space program to preserve the cultural resource. The facility plan for the rehabilitation of the site was approved by the Planning Board in September 2011. The first phase, which included demolition of non-historic additions, restoration of loop driveway, reconstruction of historic exterior walls, and stabilization of the rear terrace was completed in April 2014.

Phase II, which was begun in September 2014, includes hazmat remediation, structural stabilization of the front porch, and window repairs. In addition to this effort, Department staff have been working with the community and other agencies to determine an appropriate future use for the property. Funding for the remainder of the rehabilitation was moved beyond the six years while future uses are being considered and due to fiscal capacity.

	CIP	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
GO Bonds	15-20	5152		0	0	0	0			4952
	17-22	5152	0	0	0	0	0	0	0	4952
State Bonds	15-20	1025		0	0	0	0			0
	17-22	1025	0	0	0	0	0	0	0	
TOTAL	15-20	6177		0	0	0	0			4952
	17-22	6177	0	0	0	0	0	0	0	4952

Proposed New GO Bond-Funded Projects

Little Bennett Trail Connector

- Hard surface trail along and near MD 355 from Snowden Farm Parkway to the Day Use Area to connect to the Clarksburg Greenway Trail and town center.
- Approximately one mile of trail with raised concrete boardwalks, includes stream restoration and crossing at Comus Road to connect with natural surface trail system to Black Hill Park.
- Planning Board scheduled for September 24, 2015.
- Cost Estimate: \$2,780,000
- GO Bonds
- Design begins FY20
- Construction FY21-22

Staff recommends that the Board Take action on this on September 24, 2015 after the review of the facility plan.

	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
GO Bonds	1780	1780	0	0	0	150	750	880	0
POS	1000	1000	0	0	0	0	0	1000	0
TOTAL	2780	2780	0	0	0	150	750	1880	0

Ovid Hazen Wells RP - Carousel & Recreation

- Relocates carousel from Wheaton Regional Park and provides supporting recreational amenities and parking to create destination recreational area.
- Proposed carousel and other amenities in the vicinity of the existing ballfields along Skylark Road to create a family destination
- Planning Board scheduled for September 17, 2015.
- Cost estimate is still forthcoming
- Project will be costly and may need to be phased
- GO Bonds
- Design in FY22
- Construction begins beyond FY22

Staff recommends that the Board Take action on this on September 24, 2015 after the review of the facility plan.

	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
TOTAL	18,000	400	0	0	0	0	0	400	17,600

South Germantown RP Cricket Field

- Site selection study for cricket scheduled for Planning Board approved on July 30, 2015 recommended the Barmakian property as first priority.
- Concept plan and cost estimate was developed.
- Cost Estimate: \$2,263,000 to grade entire site, and provide all amenities except second field pitch, surrounding path and shelters.
- GO Bonds
- Design begins FY17
- Construction FY18-19

	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
TOTAL	2300	2300	575	1000	725	0	0	0	0

Wall Park Garage

- A new public/private parking garage that will serve the adjacent Wall Park, Montgomery County Aquatic Center, the new Gables development, and is the only parking slated to be available to all visitors to the Josiah Henson Park, a heritage destination.
- 5900 Executive Boulevard, Rockville, MD
- Planning Board review of the Preliminary Site Plan for the development on April 30, 2015
- 250 parking spaces in a structured parking garage on private property
- \$6 million
- GO Bonds
- Design FY16 being done by developer
- Construction funding to be provided by M-NCPPC or Montgomery County Government to the developer for design and construction of the public portion of the garage.
- Planning Board direction on July 30, 2014 was that this should be placed on a separate track so that M-NCPPC could consult with the Council to figure out what they want to do with money and financing and creative approaches to get it done. In the interim, funding has been placed outside the six year CIP.

	Total	6y Total	FY17	FY18	FY19	FY20	FY21	FY22	BSY
TOTAL	6000	0	6000						