



Capital Improvements Plan (CIP)

INTRODUCTION

The Montgomery County Charter (Section 302) requires the County Executive to submit a comprehensive six-year program for capital improvements, called the Capital Improvements Program (CIP), not later than January 15 of each even-numbered calendar year. The Charter requires that the annual capital budget be consistent with the six-year program. In odd-numbered calendar years, the approved CIP, together with any amendments, continues to guide capital investment.

The CIP includes all capital projects and programs for all agencies for which the County sets tax rates or approves budgets or programs. The CIP includes:

- a statement of the objectives of capital programs,
- the relationship of capital programs to the County's long-range development plans,
- recommendations for capital projects and their construction schedules,
- estimates of costs, anticipated revenue sources, and impacts of the capital program on County revenues and the operating budget.

The County Charter (Section 302) also provides that the CIP may be amended at any time. In practice, amendments to the CIP are limited in order to conform to the requirement for a biennial, or every other year, CIP. Criteria for amendments generally include: use of funds from external sources; projects which address significant health or safety requirements, and economic development opportunities.

This section summarizes the CIP, its six-year projections of expenditures, and the fiscal policies and funding to support them. The complete County Executive's Recommended Amendments to the CIP are published as a separate document, and may be found at: <http://www.montgomerycountymd.gov/omb/publications>. The complete Approved CIP can be found on the same website.

PROGRAM OBJECTIVES

Capital program goals and objectives for departments within the Montgomery County Government are provided in the program description and objectives subsections contained in the various sections of the Recommended CIP document. For other government agencies (Montgomery County Public Schools, Montgomery College, Maryland-National Capital Park and Planning Commission, Washington Suburban Sanitary Commission, Revenue Authority and Housing Opportunities Commission), missions are more generally described, citing statutory authority, with agency capital programs supporting those goals. Further detail on the capital program goals and objectives for these agencies is contained in their CIP request documents, which may be obtained directly from each agency.

CAPITAL PROGRAM PLANNING

Planning Policies

Planning for capital improvements is tied to the County's continuing development and growth in population, numbers of households, and businesses. Land use master plans and sector plans for the County's geographic planning areas anticipate needs for roads, schools, and other facilities required by new or changing population. The County continues its efforts to improve the linkages between County planning activities, the CIP and the Operating Budget.

General Plan and Master Plans and Sector Plans

The General Plan Refinement of FY94 recognizes the importance of establishing priorities for the provision of public facilities. The CIP gives high priority to areas of greatest employment and residential density when allocating public investment. Some County master plans include phasing elements which provide guidance about the timing and sequence of

capital facilities in order to develop a CIP that serves long-range needs. Copies of the County's General Plan and adopted master plans and sector plans may be obtained directly from the Maryland-National Capital Park and Planning Commission (M-NCPPC).

Growth Policy

Overall planning policies involve an interdependence between the CIP as a budgeting document which allocates available public resources according to County priorities, and the Growth Policy, the main purpose of which is to manage the location and pace of private development. The development ceiling element of the Growth Policy is designed to affect the staging of development, matching the timing of private development with the availability of public facilities. It identifies the need for public facilities to support private development and constrains the number of private subdivision approvals to those that can be accommodated by existing and programmed public facilities.

In order to guide subdivision approvals under the Adequate Public Facilities Ordinance (APFO), the Growth Policy tests the adequacy of four types of public facilities: transportation; schools; water and sewerage facilities; and police, fire, and health services. Copies of the County's currently approved Growth Policy may be obtained directly from the M-NCPPC.

Functional Plans

Functional plans anticipate needs for government functions and services ranging from provision of water and sewerage to solid waste disposal, libraries, and fire and rescue services. Other studies assess future educational, health, and human services needs. These plans are analyzed for likely new facilities or service delivery requirements and their potential operating costs which will eventually add to annual operating budgets.

Public Input

The five local Citizens' Advisory Boards are encouraged to provide the County Executive with their development priorities during the preparation of each Capital Improvements Program. The County Council holds public hearings after receipt of the County Executive's Recommended Capital Improvements Program before deliberations on the program begin. All Council worksessions are public, and residents are encouraged to attend to present their views.

Maryland Economic Growth, Resource Protection and Planning Act

The Maryland Economic Growth, Resource Protection and Planning Act requires local governments to review all construction projects that involve the use of State funds, grants, loans, loan guarantees, or insurance for consistency with existing local plans. The County Executive or the requesting agency affirms that all projects which are expected to receive State financial participation conform to relevant local plans. This language appears in the "Disclosures" portion of the relevant project description forms.

County Council and Planning Board Review

During the Council review process, the Planning Board provides comments to the Council regarding conformance with local plans, and a final determination as to consistency of projects with adopted County plans is made by the County Council. The Council adopts the CIP and approves a list of applicable State participation projects.

Fiscal Policies

Prior to considering specific projects for inclusion in the Capital Improvements Program, Montgomery County develops projections of total resources available to the County as a whole, and to the CIP as a subset of the whole. A variety of assumptions underpin these projections.

Economic Assumptions

Revenue projections depend largely on assumptions regarding economic activity, including employment, income, inflation, interest rates, construction, home sales, and other economic conditions.

Demographic Assumptions

The CIP is based on demographic assumptions resulting from the Metropolitan Council of Governments (COG) Round 8.3 estimates as projected by M-NCPPC. This forecast predicts that the County will continue to experience steady population growth. Besides general population changes, demographic forecasts anticipate a strong growth phase for elementary school enrollment; middle school and high school enrollment are following close behind as the swell of elementary students move up.

Debt Capacity

To maintain its AAA bond rating, the County considers the following guidelines in deciding how much additional County general obligation debt may be issued in the six-year CIP period:

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- Total debt, both existing and proposed, should be kept at about 1.5 percent of full market value (substantially the same as assessed value) of taxable real property in the County.
 - Required annual debt service expenditures should be kept at about ten percent of the County's total tax supported operating budget. The tax supported operating budget excludes proprietary funds and grants. If those special funds supported by all County taxpayers were to be included, the percentage of debt service would be below ten percent.
 - Total debt outstanding and annual amounts issued, when adjusted for inflation, should not cause real debt per capita (i.e., after eliminating the effects of inflation) to rise significantly.
 - The rate of repayment of bond principal should be kept at existing high levels and in the 60-75 percent range during any ten-year period.
 - Total debt outstanding and annual amounts proposed should not cause the ratio of per capita debt to per capita income to rise significantly above its current level of about 3.5 percent.
 - The debt capacity schedule is displayed later in the Debt Service section.

Spending Affordability Assumptions

The County Charter (Section 305) requires that the Council adopt spending affordability guidelines for the capital and operating budgets. Spending affordability guidelines for the CIP have been interpreted in County law to be limits on the amount of general obligation debt and Park and Planning debt that may be approved for expenditure in the CIP. Spending affordability guidelines are adopted in odd-numbered calendar years, and limit the amount of general obligation debt that may be approved for the first year, the second year, and for the entire six years of the CIP. Similar provisions cover the bonds issued by M-NCPPC.

The Montgomery and Prince George's County Councils adopt one-year spending limits for Washington Suburban Sanitary Commission (WSSC). These spending control limits include guidelines for new debt and annual debt service.

General Obligation Debt Limits

General obligation debt usually takes the form of bond issues. General obligation debt pledges general tax revenue for repayment. Montgomery County has maintained a AAA rating, the highest quality rating available, for its general obligation bonds. This top rating by Wall Street rating agencies, enjoyed by very few local governments in the Country, assures Montgomery County of a ready market for its bonds and the lowest available interest rates on that debt.

IMPACT OF CAPITAL PROGRAM ON THE OPERATING BUDGET

Most capital improvement projects generate future operating budget costs in one or more of three ways: debt service; current revenues which fund projects not eligible for debt financing, and PAYGO which offsets the need to issue debt; and changes to the Operating Budget to support new or renovated facilities.

Debt Service

The annual payment of principal and interest on general obligation bonds and other long-term and shorter-term debt used to finance roads, schools, and other major projects is included in the operating budget as a required expenditure. The FY17 tax-supported debt service, as displayed later in the Debt Service section, approximates \$383.3 million.

Current Revenue and PAYGO

Certain CIP projects are funded directly with County current revenues in order to avoid costs of borrowing. These amounts are included in the operating budget as specific transfers to individual projects within the capital projects fund. PAYGO, or "pay as you go" funding, is an additional amount included in the operating budget as a direct bond offset to reduce the amount of borrowing required for project financing. The FY17 Current Revenue and PAYGO are displayed in Schedule A-3 and approximate \$73.8 million.

Operating Budget Impacts (OBI)

The construction of government buildings and facilities usually results in new annual costs for maintenance, utilities, and additional staffing required for facility management and operation. Whenever a new or expanded facility involves program expansion, as with new school buildings, libraries, or fire stations, the required staffing and equipment (principals, librarians, fire apparatus) represent additional operating budget expenditures.

The CIP includes analysis of these operating budget impacts to aid in review and decisions on the timing of public facilities and to more clearly show what a new building or road will cost in addition to its construction costs and any required debt service. The project description forms published in the Recommended FY17-22 CIP, display operating budget impacts of

individual projects where applicable. The following chart summarizes the impact of the Recommended FY17-22 CIP on the operating budget expenditures of the related departments.

COUNTY GOVERNMENT OPERATING BUDGET IMPACTS BY DEPARTMENT AND FUND (\$000s)						
Fund/Department	FY17	FY18	FY19	FY20	FY21	FY22
County General Fund						
General Service & Transportation	38	148	(47)	501	635	619
Health and Human Services	1,006	1,329	1,352	2,220	2,025	2,025
Police	19	183	183	183	183	183
Public Libraries	-	66	1,135	1,095	1,095	1,095
Technology Services	2,728	3,538	3,538	3,538	3,538	3,538
Mass Transit						
Transit Services	295	1,555	2,224	2,463	2,639	2,721
Fire						
Fire and Rescue Service	160	215	271	271	271	615
Recreation						
Recreation	-	66	149	149	149	149
Water Quality Protection Fund						
Environmental Protection	644	1,125	552	1,124	2,059	1,831
Total	4,890	8,225	9,357	11,544	12,594	12,776

PROJECT COST PROJECTIONS

Departments and agencies estimate the cost of each proposed capital project in current dollars. For the most part, County agencies use contracted cost estimators to develop project costs, and those estimates are reviewed and verified by County staff. Recent cost changes for construction commodities have been included, and projects are escalated to the mid-point of construction. Inflation is estimated separately, and funds are set aside to allow for inflation-driven cost increases in later years. During each even-numbered calendar year, all existing and proposed projects are reviewed centrally for changes to cost, scope and timing, and adjusted as necessary.

The County Charter (Section 307) provides for supplemental appropriations to address interim project cost increases. Unappropriated resources are set aside during the fiscal planning process to fund potential cost increases, or for new projects which address urgent needs.

REVENUE SOURCES

The major revenue sources for the Capital Improvements Program are described in the Fiscal Policy section of the County Executive’s Recommended Capital Improvements Program. There are three major types of revenue sources for the capital improvements program: current revenues (including PAYGO); proceeds from bonds and other debt instruments; and grants, contributions, reimbursements, or other funds from intergovernmental and other sources. In some cases, where both a public and a private goal may be achieved, the County enters into partnerships with the private sector to finance and construct public facilities.

The specific funding sources for all expenditures are identified on each individual capital project description form.

Current Revenues

Current revenues from the General Fund are used for designated projects which involve broad public use and which fall outside any of the specialized funds. Generally, current revenues are used for the planning of capital projects.

PAYGO is current revenue set aside annually in the operating budget, but not appropriated. PAYGO is used to replace bonds for debt-eligible expenditures ("pay-as-you-go" financing) or when projects are not debt eligible or not eligible for tax-exempt financing. The County generally allocates PAYGO of at least ten percent of general obligation bonds planned for issue each year.

Bond Issues and Other Public Agency Debt

Bonds are used to spread the cost of construction of a public facility over time, such that those who benefit from it over time also assist in its funding. The County government and four of its Agencies are authorized by State law and/or County Charter to issue debt to finance CIP projects. This debt may be either general obligation or self-supporting debt.

County government general obligation bonds are issued for a wide variety of functions such as transportation, public schools, community college, public safety, and other programs. These bonds are legally-binding general obligations of the County and constitute an irrevocable pledge of its full faith and credit and unlimited taxing power. The money to repay general obligation debt comes primarily from general revenues, except that debt service on general obligation bonds, if any, issued for projects of Parking Districts, Liquor, or Solid Waste funds is supported from the revenues of those enterprises.

M-NCPPC is authorized to issue general obligation bonds, also known as Park and Planning bonds, for the acquisition and development of local and certain special parks and advance land acquisition, with debt limited to that supportable within tax rates established for the Commission.

County Revenue Bonds are bonds authorized by the County to finance specific projects such as parking garages and solid waste facilities, with debt service to be paid from pledged revenues received in connection with the projects. Proceeds from revenue bonds may be applied only to costs of projects for which they are authorized. They are considered separate from general obligation debt and do not constitute a pledge of the full faith and credit or unlimited taxing power of the County.

County revenue bonds have been used in the Bethesda and Silver Spring Parking Districts, supported by parking fees and fines together with parking district property taxes. County revenue bonds have also been issued for County Solid Waste Management facilities, supported with the revenues of the Solid Waste Disposal system.

The Montgomery County Revenue Authority has authority to issue revenue bonds and to otherwise finance projects through notes and mortgages with land and improvements serving as collateral. These are paid through revenues of the Authority's several enterprises, which include golf courses and the Montgomery County Airpark.

The County also uses the Revenue Authority as a conduit for alternative CIP funding arrangements for swim centers, a building to house County and State health and human services functions, and the construction of the Montgomery County Conference Center. The County has entered into long-term leases with the Revenue Authority, and the County lease payments fund the debt service on these Revenue Authority bonds.

Other, specialized bonds are used to finance a variety of public infrastructure, including water distribution and sewage collection lines and required support facilities, stormwater management, and affordable housing. These bonds are paid from non-tax sources including user charges and mortgages, which also cover all operating costs.

Intergovernmental Revenues

CIP projects may be funded in whole or in part through grants, matching funds, or cost sharing agreements with the Federal government, the State of Maryland, the County's incorporated municipalities, or regional consortia such as the Washington Metropolitan Area Transportation Authority (WMATA) and the Washington Area Sewer Authority (WASA).

Federal Aid. Major projects that involve Federal aid include Metro, commuter rail, interstate highway interchanges, bridges, and various environmental construction or planning grants. Most Federal aid is provided directly to the State, and then redistributed to local jurisdictions.

Community Development Block Grant (CDBG) funds are received through annual formula allocations from the U.S. Department of Housing and Urban Development in response to a County application and are used for neighborhood improvements and facilities in areas where there is significant building deterioration, economic disadvantage, or other need for public intervention in the cycles of urban growth and change.

State Aid includes grants, matching funds, and reimbursements for eligible County expenditures for local projects in public safety, environmental protection, courts and criminal justice, transportation, libraries, parkland acquisition and development, community college, and public school construction.

Municipal Financing. Some projects with specific benefits to an incorporated municipality within the County may include funding or other financing from that jurisdiction. Incorporated towns and municipalities, specifically Rockville, Gaithersburg, and Poolesville, have their own capital improvements programs and may participate in County projects where there is shared benefit.

Other Revenue Sources

The use of other revenue sources to fund CIP projects is normally conditioned upon specific legislative authority or project approval, including approval of appropriations for the projects. Approval of a project may be contingent upon actual receipt of the revenues planned to fund it, as in the case of private contributions that are not subject to law or agreement.

EXAMPLES OF CAPITAL PROJECTS

The CIP addresses the County's needs for basic infrastructure, education, transportation, and other critical facilities in the following ways:

A Responsive and Accountable County Government

- Add a new project, Rockville Core, which will renovate the historic Grey Courthouse and consolidate leased facilities.
- Introduce a new project, Council Office Building Garage, to repair the concrete deck, structural steel, drains, post-tensioned concrete tendons, and curbs in the facility.
- Increase funding for Planned Life Cycle Asset Replacement to maintain and “refresh” aging County facilities.
- Continue to replace aging County building roof systems, parking lots, HVAC and electrical systems, and elevator systems.
- Replace outdated and vulnerable information systems.
- Continue to provide funding for the Americans with Disabilities Act (ADA): Compliance project to ensure County buildings and facilities are in compliance with Title II of Americans with Disabilities Act (ADA).

Affordable Housing in an Inclusive Community

- Provide an additional \$33 million for the Affordable Housing Acquisition and Preservation program, exceeding by \$76.8 million the County's goal of providing \$100 million in funding for public/private partnerships to maintain and grow the stock of affordable housing.
- Support Public Housing Improvements through the Supplemental funds for Deeply Subsidized HOC Owned Units Improvements project and demolition of vacant properties to avoid blight in the surrounding neighborhoods.
- Support the preservation and expansion of affordable housing at Elizabeth Square.
- Continue funding for façade easements in the Burtonsville area.
- Complete installation of Sprinkler Systems for HOC Elderly Properties in FY17.
- Continue funding for commercial revitalization of the Colesville/New Hampshire Avenue corridor to support existing small businesses and create new opportunities for private investment.

An Effective and Efficient Transportation Network

- Construct south entrance for the Bethesda Metrorail Station in coordination with the Purple Line project.
- Provide oversight and financial support for the Purple Line light rail project which will provide significant economic and mobility benefits.
- Complete facility planning for the MD 355 and US 29 corridors as the first steps in developing a comprehensive bus rapid transit system.
- Purchase additional buses and invest in traffic flow improvements to support priority bus service on MD 355.
- Support the redevelopment of White Flint and continue funding of \$163 million for the planning and design, and construction of roadway improvements in the White Flint District.
- Continue funding for design and land acquisition for Observation Drive Extended, a north-south road extension of existing Observation Drive, connecting north Germantown to Clarksburg.

- Continue funding of Goshen Road South which will support the Gaithersburg/Montgomery Village area and complete the construction of Snouffer School Road and Snouffer School Road North (Webb Tract) to improve traffic congestion and safety.
- Continue funding of Montrose Parkway East which will improve access to the White Flint area and Interstate 270.
- Continue transportation improvement partnerships with developers to support development in the Clarksburg area.
- Provide funding to the City of Rockville to complete construction of Maryland/Dawson Extended to support continued development in the Rockville Town Center.
- Complete the construction of Bethesda Central Business District (CBD) Streetscape, Platt Ridge Drive Extended, and Seminary Road Intersection Improvements.
- Continue efforts to provide pedestrian and traffic safety improvements and to modernize central traffic signal control system to provide additional capabilities and tools to optimize traffic flow.
- Continue residential and rural roads resurfacing program to prevent deterioration and prevent more costly rehabilitation work.
- Continue funding of the Capital Crescent Trail, the Silver Spring Green Trail, and the Metropolitan Branch Trail.
- Construct a new shared-use path along MD 355 in Clarksburg to provide connectivity with the Frederick Road Bike Path, Little Bennett Regional Park, Clarksburg Town Center, and Clarksburg High School.
- Provide initial design funding for the new Life Sciences Center Trail Loop project to leverage outside funding and meet one prerequisite of Stage 2 for the Great Seneca Science Corridor Master.
- Maintain funding for previously approved Gold Mine Road, Piney Meetinghouse Road, Park Valley Road, Lyttonsville Place, and Pennyfield Lock Road bridges and increase design and renovation funding to address safety issues.
- As part of the County's leading efforts to improve water quality, continue to repair or replace failed storm drain outfalls, pipes, and culverts.

Children Prepared to Live and Learn

Montgomery County Public Schools:

- Allocate \$1.57 billion to support new schools and additions to address capacity issues, renovations of aging schools, and funding for systemic infrastructure and information technology investments.
- Maintain funding for MCPS' countywide infrastructure projects including the MCPS/M-NCPPC Maintenance Facility and MCPS Bus Depot Maintenance Facility.
- Other CIP projects which benefit MCPS programs include: Pedestrian Safety Program, Transportation Improvements for Schools, FiberNet, Ballfields Initiatives (M-NCPPC), and the Kennedy-Shriver Aquatic Center Building Envelope Improvement.
- Complete construction and fund design and construction of Linkages to Learning Centers, Child Care Centers, and a High School Wellness Center to provide social and health services for students and families in need; to offer quality child care programs; and to provide health services, counseling, and positive youth development at elementary and high schools for at-risk students.

Montgomery College:

- Complete the Science West Building Renovation (Fall 2016), the Rockville Parking Garage (Fall 2016), and the Germantown Science & Applied Studies Phase 1 Renovation project (completion in Spring 2018).
- Sustain College infrastructure projects such as Elevator Modernization, Planned Lifecycle Asset Replacement, Roof Replacement, and Site Improvements at the requested levels, to improve facilities and safety on all three campuses.
- Continue to address space deficits on the College's Rockville campus by maintaining construction funding for the Rockville Student Services Center project.

Universities at Shady Grove/University of Maryland:

- Build a parking garage and related site modifications at the Universities at Shady Grove (USG) Campus to leverage State funding and support campus improvement and a new academic building for Biomedical Sciences/Engineering Education (BMSE).

Healthy and Sustainable Communities

- Continue the planning and implementation of stormwater controls, public outreach, stream monitoring, and other actions needed to comply with the County's National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS-4) permit.
- Construct new stormwater management facilities and retrofit old stormwater controls to prevent property damage, improve water quality, and protect habitat.
- Expand the design and construction of environmentally friendly stormwater management techniques known as environmental site design (ESD) or low impact development (LID) throughout the County, including County facilities.
- Continue to repair damaged stream channels and tributaries in stream valley parks and priority watersheds.

- Address flooding issues upstream of Wheaton Dam.
- Add funds to design and construct a replacement facility for the existing Avery Road Treatment Center to provide residential substance abuse treatment for low-income County residents.
- Complete construction of the new Dennis Avenue Health Center to improve clinical services to County residents.
- Construct a new Progress Place Services Center to create co-located personal living quarters for medically vulnerable and chronically homeless individuals.
- Complete construction of Child Care Centers at Wheaton Woods and Brown Station Elementary Schools, and add funds to design and construct a Child Care Center at Burtonsville Elementary School.
- Complete construction of a Linkages to Learning Center at Wheaton Woods Elementary School, and design and construct a Linkages to Learning Center at Maryvale Elementary School to provide social and health services for students and families in need.
- Construct a High School Wellness Center (HSWC) to provide health services, counselling, and positive youth development at Seneca Valley High School.
- Support three new parks projects at Caroline Freeland Urban Park, a new cricket field at the South Germantown Recreational Park, and Hillandale Local Park.
- Complete Laytonia Recreational Park, Brookside Gardens Master Plan Implementation, Rock Creek Maintenance Facility, Falls Road Local Park, Kemp Mill Urban Park, and Western Grove Urban Park.
- Continue funding for hard surface trail renovations, Enterprise facility improvements, stream protection, Pollution Prevention and Repairs to Ponds and Lakes, Energy Conservation – Local and Non-local Parks, levels for ADA Compliance: Local Parks, Enterprise facility improvements, hard surface trail renovations, Planned Lifecycle Asset Replacement projects to upgrade park infrastructure, and Minor New Construction –Local Parks and Non-local Parks.
- Continue construction of improvements to wastewater treatment and solids handling facilities at the regional Blue Plains Advanced Wastewater Treatment Plant in order to achieve environmental goals and improve efficiency.
- Continue the Large Diameter Water Pipe & Large Valve Rehabilitation Program, the Trunk Sewer Reconstruction Program and a high level of replacement of small diameter water mains to protect the County’s water and sewer system.

Safe Streets and Secure Neighborhoods

- Add a new project to begin planning and design for future new Fire Stations in high need areas.
- Design and construct a new White Flint Fire Station to replace Rockville Station #23 to support the development in White Flint.
- Complete design and construct a permanent Clarksburg Fire Station.
- Continue Fire apparatus replacement. During the six-year period, it is anticipated that the following units will be replaced: 5 aerials, 48 EMS units, 22 engines, 3 all-wheel drive brush/wildland pumpers, 4 rescue squads, and 1 tanker.
- Relocate the Glenmont Fire Station #18 and expand and renovate the Kensington (Aspen Hill) Fire Station #25.
- Funds are included to upgrade and modernize the Fire Station Alerting System.
- Design and construct a new 2nd District Police Station on Rugby Avenue to replace the existing station.
- Upgrade and modernize the Public Safety Communication System.
- Plan and design the Criminal Justice Complex, on the site of the existing District One Police Station, which will serve as the Intake Unit for processing detainees, and provide psychological and medical screening, classification, initial care, custody, and security of inmates for up to 72 hours prior to transfer to the Montgomery County Correctional Facility in Clarksburg.
- Design and construct the renovation and addition of the kitchen and dining area at the County’s Pre-Release Center.
- Begin construction of a new Public Safety Training Academy to serve the Fire and Rescue Service, the Department of Police and the Department of Transportation.

A Strong and Vibrant Economy

- Continue funding for the Smart Growth Initiative to move County facilities so that private, transit-oriented mixed use can occur near the Shady Grove Metro Station.
- Provide funding for a new project, White Oak Science Gateway Redevelopment, for planning, design, and coordination work to develop the White Oak industrial area into a dense mixed-use commercial and residential center.
- The Wheaton Redevelopment project provides private residential and/or commercial development, a new headquarters for the Maryland-National Capital Park and Planning Commission, offices for the Mid-County Regional Services Center and other County Government agencies, a town square, and parking. This project is critical to the County’s economic development goals and the long-term economic vitality of Wheaton.
- Provide funds to support multi-departmental planning efforts to identify and plan for redevelopment opportunities impacted by the construction of the Purple Line in the Long Branch Sector Plan area.

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- Utilize a variety of revenue sources, including developer contributions to purchase agricultural and conservation easements through an enhanced farmland preservation program tool to further protect land where development rights have been retained in the Rural Density Transfer Zone.

Vital Living for All of Our Residents

- Construct a combined Library and Community Recreation Center in Wheaton.
- Fund costs for planning and schematic design for a new library in the Clarksburg community.
- Complete efforts to refresh the Twinbrook and Kensington Park branches. Complete design for refresh projects at the Davis, Little Falls, and Aspen Hill Branches. Plan and implement refresh projects in FY17 at White Oak, Bethesda, and Quince Orchard branches.
- Continue implementation of a 21st Century Library Enhancements project to respond to customer demands and library trends that require changes in the equipment and related furnishings of library buildings.
- Complete the North Potomac Community Recreation Center in Spring 2016 and the Ross Boddy Neighborhood Recreation Center in Summer 2016.
- Construct the Good Hope Neighborhood Recreation Center with a new performing arts component with estimated completion in FY18.
- Repair and replace masonry, windows, and other building envelope components of the Eunice Kennedy-Shriver and Sargent Shriver Aquatic Center.
- Enhance the irrigation system at Rattlewood Golf Course to address water issues.
- Continue to implement the Federal Aviation Administration's capital improvement plan for the Montgomery County Airpark.
- Fund repairs to the Strathmore Mansion in FY17, including interior wall repairs and painting due to water damage, exterior repairs, restoration, painting, and other interior repairs.
- Continue funding for Capital Improvement Grants for the Arts and Humanities Organizations.
- Support the Revenue Authority's modifications to the clubhouse food service areas, irrigation, and clubhouse seating improvements to Falls Road, Little Bennett, Needwood, Northwest, and Poolesville golf courses.
- Fund a new project to construct restrooms and a grille/snack bar area near the ninth tee of the Hampshire Green Golf Course.

EXPLANATION OF THE CHART WHICH FOLLOWS

Expenditure Summary by Category and Sub-Category

This is a program expenditure summary report for the County Executive's Recommended FY17-22 CIP, as recommended on January 15. That document contains project description forms for each capital project which include a description, programmed expenditures, and funding sources.

All Agency Funding Summary

This is a summary report listing recommended funding support from all sources for the County Executive's Recommended FY17-22 CIP, as recommended on January 15. That document contains project description forms for each capital project which include a description, programmed expenditures, and funding sources.

Expenditures Summary by Category, Sub-Category (\$000s)

	Total Thru FY15	Est FY16	6 Year						Beyond 6					
			Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Yrs	Approp.			
General Government														
County Offices and Other Improvements	747,183	287,545	148,337	70,777	75,713	53,646	44,835	34,414	30,689	1,227	28,859			
Technology Services	96,266	65,361	5,667	4,193	4,390	4,340	4,250	4,069	3,996	0	4,193			
Other General Government	61,987	8,024	18,179	4,000	4,000	4,000	4,000	4,000	4,100	11,684	0			
Technology Investment Fund	1,279	1,252	27	0	0	0	0	0	0	0	0			
Economic Development	199,897	17,955	18,721	88,020	53,166	19,895	820	660	660	0	14,366			
General Government	1,106,612	380,137	190,931	166,990	137,269	81,881	53,905	43,143	39,445	12,911	47,438			
Public Safety														
Fire/Rescue Service	297,975	73,399	47,496	23,895	19,315	14,643	36,670	30,539	20,018	32,000	26,217			
Police	69,913	57,158	3,038	4,367	5,175	175	0	0	0	0	0			
Correction and Rehabilitation	18,247	7,424	1,715	474	3,008	4,088	1,538	0	0	0	311			
Other Public Safety	417,565	334,348	79,207	3,960	50	0	0	0	0	0	0			
Public Safety	803,700	472,329	131,456	32,696	27,548	18,906	38,208	30,539	20,018	32,000	26,528			
Transportation														
Roads	1,072,392	345,053	79,546	41,098	38,671	64,708	73,864	42,669	79,820	306,963	13,409			
Bridges	68,860	29,685	12,887	10,287	7,776	2,208	2,119	2,006	1,912	0	5,120			
Pedestrian Facilities/Bikeways	360,620	48,926	35,429	36,052	50,301	53,179	35,643	43,923	30,180	26,987	19,788			
Traffic Improvements	213,039	101,646	27,907	14,095	13,987	13,851	13,851	13,851	13,851	0	14,070			
Parking	105,776	55,353	12,693	8,482	6,550	6,012	5,847	5,292	5,547	0	5,572			
Mass Transit	696,232	354,644	108,361	58,957	32,730	39,170	43,292	37,408	21,270	400	15,836			
Highway Maintenance	459,538	218,755	59,783	29,300	23,150	31,050	33,400	32,050	32,050	0	28,291			
Transportation	2,976,457	1,154,042	336,606	198,271	173,165	210,178	208,016	177,199	184,630	334,350	102,086			
Health and Human Services														
Health and Human Services (SC41)	68,517	35,829	20,889	3,203	5,491	2,666	439	0	0	0	1,592			
Health and Human Services	68,517	35,829	20,889	3,203	5,491	2,666	439	0	0	0	1,592			
Culture and Recreation														
Recreation	143,938	81,523	37,332	10,485	1,799	4,026	4,796	1,251	1,140	1,586	3,829			
Libraries	213,794	105,398	22,211	38,156	30,340	3,705	3,950	5,014	5,020	0	3,770			
Culture and Recreation	357,732	186,921	59,543	48,641	32,139	7,731	8,746	6,265	6,160	1,586	7,599			
Conservation of Natural Resources														
Storm Drains	56,091	34,377	4,878	2,806	2,806	2,806	2,806	2,806	2,806	0	3,660			
Stormwater Management	446,949	55,446	44,295	57,487	55,629	65,854	67,972	54,030	46,236	0	10,875			
Ag Land Preservation	8,935	4,551	900	984	494	494	494	504	514	0	121			
Conservation of Natural Resources	511,975	94,374	50,073	61,277	58,929	69,154	71,272	57,340	49,556	0	14,656			
Community Development and Housing														
Community Development	21,495	10,930	7,265	675	725	775	875	125	125	0	675			
Housing (SC69)	176,786	103,635	40,151	16,000	17,000	0	0	0	0	0	14,635			
Community Development and Housing	198,281	114,565	47,416	16,675	17,725	775	875	125	125	0	15,310			

Expenditures Summary by Category, Sub-Category (\$000s)

	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs	Approp.
M-NCPPC												
Acquisition	140,542	68,776	26,215	38,520	5,920	5,920	6,670	6,670	6,670	6,670	7,031	7,920
Development	285,615	71,353	57,416	127,439	20,272	20,034	21,549	24,205	25,763	15,616	29,407	29,461
M-NCPPC	426,157	140,129	83,631	165,959	26,192	25,954	28,219	30,875	32,433	22,286	36,438	37,381
Revenue Authority (C14)												
Golf Courses	9,885	6,620	514	2,751	1,146	1,415	190	0	0	0	0	1,627
Miscellaneous Projects (Revenue Authority)	71,153	37,687	11,966	21,500	3,900	5,200	1,800	2,000	8,600	0	0	3,900
Revenue Authority (C14)	81,038	44,307	12,480	24,251	5,046	6,615	1,990	2,000	8,600	0	0	5,527
Montgomery County Public Schools												
Individual Schools	739,781	236,932	73,521	429,328	97,792	87,109	118,217	100,024	25,739	447	0	104,633
Countywide (SC50)	2,827,464	1,255,305	212,008	1,298,874	247,838	243,845	200,306	234,512	218,383	153,990	161,277	168,180
Miscellaneous Projects	-160,170	0	0	-160,170	-60,655	-52,716	-31,685	-83,945	-686	69,517	0	-6,040
Montgomery County Public Schools	3,507,075	1,492,237	285,529	1,568,032	284,975	278,238	286,838	250,591	243,436	223,954	161,277	266,773
Solid Waste-Sanitation												
Solid Waste-Sanitation												
Solid Waste Management	0	0	0	0	0	0	0	0	0	0	0	0
Solid Waste-Sanitation	0	0	0	0	0	0	0	0	0	0	0	0
Montgomery College												
Higher Education	910,139	435,766	59,763	305,244	57,849	75,348	36,392	28,333	39,791	67,531	109,366	67,511
Montgomery College	910,139	435,766	59,763	305,244	57,849	75,348	36,392	28,333	39,791	67,531	109,366	67,511
Housing Opportunities Commission												
Housing	96,398	72,171	16,727	7,500	1,250	1,250	1,250	1,250	1,250	1,250	0	1,250
Housing Opportunities Commission	96,398	72,171	16,727	7,500	1,250	1,250	1,250	1,250	1,250	1,250	0	1,250
WMATA												
Mass Transit (SC96)	22,868	17,914	4,954	0	0	0	0	0	0	0	0	-363
WMATA	22,868	17,914	4,954	0	0	0	0	0	0	0	0	-363
Total	11,066,949	4,640,721	1,299,998	4,438,302	903,065	839,671	745,980	694,510	640,121	614,955	687,928	593,288

All Agency Funding Summary (\$000s)

Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Aging Schools Program	6,964	6,361	603	0	0	0	0	0	0	0	0
Agricultural Transfer Tax	1,049	231	14	804	134	134	134	134	134	134	0
Bond Premium	956	956	0	0	0	0	0	0	0	0	0
Cable TV	69,316	39,928	4,098	25,290	4,193	4,442	4,340	4,250	4,069	3,996	0
Certificates of Participation	33,435	32,307	1,128	0	0	0	0	0	0	0	0
Community Development Block Grant	9,277	6,278	2,999	0	0	0	0	0	0	0	0
Contributions	48,631	20,252	13,021	15,358	6,960	2,250	4,570	1,010	260	308	0
Current Revenue: General	756,605	384,112	57,302	314,691	54,657	55,324	55,493	49,659	49,848	49,710	500
Current Revenue: Park and Planning	3,235	0	1,135	2,100	350	350	350	350	350	350	0
Current Revenue: Parking - Bethesda	20,832	1,247	2,508	17,077	2,715	3,092	3,155	2,990	2,435	2,690	0
Current Revenue: Parking - Montgomery Hill	100	100	0	0	0	0	0	0	0	0	0
Current Revenue: Parking - Silver Spring	28,078	1,498	6,869	19,711	5,610	3,301	2,700	2,700	2,700	2,700	0
Current Revenue: Parking - Wheaton	1,432	24	466	942	157	157	157	157	157	157	0
Current Revenue: Recordation Tax	487,670	247,569	30,143	209,958	31,187	32,281	33,947	34,821	37,559	40,163	0
Current Revenue: WMATA Surcharge	4,885	0	4,885	0	0	0	0	0	0	0	0
Department of Liquor Control Fund	157	92	65	0	0	0	0	0	0	0	0
Development Approval Payment	5,407	4,431	976	0	0	0	0	0	0	0	0
Development District	11,100	639	10,461	0	0	0	0	0	0	0	0
EDAET	7,619	7,619	0	0	0	0	0	0	0	0	0
Enhancement	4,134	3,750	384	0	0	0	0	0	0	0	0
Enterprise Park and Planning	17,787	0	1,837	15,950	1,300	1,050	800	6,000	6,000	800	0
Fed Stimulus (State Allocation)	6,550	6,550	0	0	0	0	0	0	0	0	0
Federal Aid	276,634	140,884	38,225	97,525	32,644	31,979	18,562	3,400	9,340	1,600	0
Federal Stimulus	1,624	1,624	0	0	0	0	0	0	0	0	0
Fire Consolidated	32,023	691	6,342	24,990	4,221	3,027	2,394	5,116	5,116	5,116	0
G.O. Bonds	5,444,117	2,256,477	585,246	2,012,284	412,399	385,413	334,787	308,445	293,266	277,974	590,110
HIF Revolving Program	121,252	89,809	10,191	21,252	13,409	7,843	0	0	0	0	0
HOC Bonds	50,000	50,000	0	0	0	0	0	0	0	0	0
Impact Tax	125,994	54,813	22,576	48,605	9,119	7,967	7,753	7,755	7,754	8,257	0
Intergovernmental	18,253	5,455	2,290	10,453	1,275	0	800	2,600	2,500	3,278	55
Interim Finance	96,853	38,133	102,730	-3,386	5,011	0	3,303	-11,700	0	0	-40,624
Investment Income	1,342	540	0	802	0	70	200	200	210	122	0
Land Sale	58,838	16,838	0	42,000	27,000	0	0	15,000	0	0	0
Land Sale (P&P Only)	513	0	513	0	0	0	0	0	0	0	0
Land Sale ? Bethesda PLD	29,160	29,160	0	0	0	0	0	0	0	0	0
Loan Repayment Proceeds	36,494	11,326	13,420	11,748	2,591	9,157	0	0	0	0	0

CIP210 - CE Recommended--Working

All Agency Funding Summary (\$000s)

Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Long-Term Financing	203,114	8,158	37,266	157,690	53,905	40,715	19,685	23,296	10,089	10,000	0
M-NCPPC Contributions	4,423	2,860	663	900	150	150	150	150	150	150	0
Major Facilities Capital Projects Fund (MC only)	4,200	0	1,100	3,100	1,000	2,000	100	0	0	0	0
Mass Transit Fund	122,022	11,932	18,856	90,834	8,966	16,999	21,904	16,305	16,825	9,835	400
Montgomery Housing Initiative Fund	4,775	2,500	2,275	0	0	0	0	0	0	0	0
Motor Pool	550	0	550	0	0	0	0	0	0	0	0
PAYGO	170,647	170,647	0	0	0	0	0	0	0	0	0
POS-Stateside (P&P only)	200	200	0	0	0	0	0	0	0	0	0
Park and Planning Bonds	81,292	20,665	13,842	39,012	7,018	7,044	6,673	6,507	6,330	5,440	7,773
Program Open Space	55,484	22,231	11,030	19,863	3,278	2,562	4,000	3,000	4,000	3,023	2,360
Qualified Zone Academy Funds	10,530	9,629	901	0	0	0	0	0	0	0	0
Recreation Fund	645	0	645	0	0	0	0	0	0	0	0
Recordation Tax - PAYGO	7,000	7,000	0	0	0	0	0	0	0	0	0
Recordation Tax Premium	108,139	29,136	11,336	67,667	10,051	10,404	10,941	11,222	12,105	12,944	0
Rental Income - General	59	59	0	0	0	0	0	0	0	0	0
Rental Income - Roads	5	5	0	0	0	0	0	0	0	0	0
Revenue Authority	27,008	20,462	2,620	3,926	1,391	1,725	280	100	430	0	0
Revenue Bonds	30,993	30,993	0	0	0	0	0	0	0	0	0
Revenue Bonds: Liquor Fund	132,678	112,986	16,462	3,230	3,230	0	0	0	0	0	0
Revolving (P&P only)	23,798	0	17,798	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0
Revolving Fund - Current Revenue	6,804	3,419	3,385	0	0	0	0	0	0	0	0
Revolving Fund - G.O. Bonds	57,560	11,373	22,207	24,000	4,000	4,000	4,000	4,000	4,000	4,000	0
School Facilities Payment	4,369	2,314	601	1,454	1,454	0	0	0	0	0	0
Schools Impact Tax	430,740	187,857	31,898	210,985	32,450	36,106	34,944	34,522	35,416	37,547	0
Short-Term Financing	208,943	120,001	52,010	36,932	13,595	7,200	6,200	3,500	3,146	3,291	0
Solid Waste Collection	421	0	421	0	0	0	0	0	0	0	0
Solid Waste Disposal Fund	738	20	718	0	0	0	0	0	0	0	0
State Aid	948,578	347,534	79,809	466,552	84,883	90,305	73,315	64,653	70,028	83,368	54,683
State Bonds (P&P only)	1,275	888	387	0	0	0	0	0	0	0	0
State ICC Funding (M-NCPPC Only)	3,313	1,500	1,813	0	0	0	0	0	0	0	0
Stormwater Management Waiver Fees	5,223	4,023	0	1,200	200	200	200	200	200	200	0
TEA-21	2,368	2,368	0	0	0	0	0	0	0	0	0
Transportation Enhancement Program	1,589	1,589	0	0	0	0	0	0	0	0	0
Transportation Improvement Credit	1,125	1,125	0	0	0	0	0	0	0	0	0
Urban District - Bethesda	435	243	192	0	0	0	0	0	0	0	0
Water Quality Protection Bonds	379,692	29,885	32,224	317,583	45,827	51,622	62,173	64,515	50,547	42,899	0

All Agency Funding Summary (\$000s)

Funding Source	Total	Thru FY15	Est FY16	6 Year Total	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
Water Quality Protection Charge	38,401	11,624	13,516	13,261	7,266	1,613	1,287	1,063	1,089	943	0
White Flint - Special Tax District	169,477	5,801	5,046	85,959	8,469	18,189	25,683	27,590	3,068	2,960	72,671
Total	11,066,949	4,640,721	1,299,998	4,438,302	903,065	839,671	745,980	694,510	640,121	614,955	687,928