



Chevy Chase Village

Six-Year Capital Improvements Program (CIP) Budget

FY2019 – FY2024

Updated February 22, 2018

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Project and Expenditure List

Projects:

Infrastructure

- Street Maintenance and Repair Program
- Sidewalk Maintenance Program
- Streetlight Upgrades
- Municipal Storm Drain System

Public Safety

- Public Safety Technology and Equipment

Public Spaces

- Laurel Park Hydrology and Engineering Study

Expenditures by Department:

General Government

- Equipment:
 - Village Computer Server Replacements
- Vehicles:
 - General Government Hybrid Vehicle Replacement

Public Safety

- Communications Equipment:
 - Police Radios
- Vehicles:
 - Police Cruiser Replacement (x3)
 - Unmarked Surveillance Vehicle

Public Works

- Equipment:
 - Leaf Vacuums (x2)
 - Water Tank
- Vehicles:
 - Pick-up Trucks (x3)
 - Medium-duty Dump Trucks (x2)
 - Rear-load trash/yard Waste Truck

Project and Expenditure Summary

Projects:

	Duration/ Remaining	Estimated Cost	Funding Source	Construction Ready Date (Est.)	Status
Sidewalk Maintenance Program	Ongoing	\$3,500/year	SS	Ongoing	Ongoing
Street Maintenance & Repair Program	Ongoing	\$50,000+/-	SS	Ongoing	Ongoing
Streetlight Upgrades	Ongoing	\$10,000/year	SS	Ongoing	Ongoing
Municipal Storm Drain System	Planning	\$15,000 – Planning \$250,000 (est.) - Initial Construction	SS/TB	FY2019 – FY2023	Planning
Public Safety Technology and Equipment	Ongoing	\$120,000	SS	FY2019 – FY2024	Ongoing
Laurel Park Hydrology and Engineering Study	1 year	\$100,000	TB	FY2022 – FY2023	Planning

Expenditures:

	Estimated Purchase Date	Estimated Cost	Funding Source
General Government			
<i>Equipment:</i>			
Village Computer Server(s)	FY2020, FY2023	\$9,000/ea.	TB/SS
<i>Vehicles:</i>			
General Government Vehicle Replacement	FY2021	\$28,000	TB/SS/Grant
Public Safety			
<i>Communications Equipment:</i>			
Police Radios	FY2020	\$35,000	SS
<i>Vehicles:</i>			
Police Cruiser Replacement (x3)	FY2019,20,24	\$43,500/ea.	SS/Grant
Unmarked Surveillance Vehicle	FY2020	\$41,500	SS/Grant
Public Works			
<i>Equipment:</i>			
Leaf Vacuums (x2)	FY2020	\$30,000/ea.	TB/Grant
Water Tank	FY2022	\$8,000	TB
<i>Vehicles:</i>			
Pick-up Trucks (x3)	FY2022	\$42,000/ea.	TB/SS/Grant
Medium-duty Dump Trucks (x2)	FY2020	\$120,000/ea.	TB/SS/Grant
Rear-load Trash/Yard Waste Truck	FY2021	\$150,000	TB/Grant

Note:

SS=SafeSpeed Budget

TB = Tax-based Budget

Grant = Reimbursement by grant or sold

CIP Comparison Summary

Projects:

	CIP Value as of FY2018	CIP Value as of FY2019	Difference
Infrastructure			
Sidewalk Maintenance Program	\$21,000	\$21,000	\$0
Street Maintenance and Repair Program	\$686,000	\$300,000	(\$386,000)
Streetlight Upgrades	\$60,000	\$60,000	\$0
Buffer Area Sidewalk Replacement	\$71,500	\$0	(\$71,500)
Municipal Storm Drain System	\$265,000	\$265,000	\$0
Public Safety			
Public Safety Technology and Equipment	\$120,000	\$120,000	\$0
Public Spaces			
Laurel Park Hydrology and Engineering Study	\$100,000	\$100,000	\$0
Brookville Road Park Development	\$82,000	\$0	(\$82,000)
Village Hall/Office			
Village Hall Sidewalk, Public Works Yard Fence and Wall Replacement	\$83,000	\$0	(\$83,000)
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Total	\$1,488,500	\$866,000	(\$622,500)

Expenditures:

	CIP Value as of FY2018 CIP	CIP Value as of FY2019	Difference
General Government			
<i>Equipment:</i>	\$18,000	\$18,000	\$0
<i>Vehicles:</i>	\$35,000	\$28,000	(\$7,000)
Subtotal:	\$53,000	\$46,000	(\$7,000)
Public Safety			
<i>Communications Equipment:</i>	\$46,000	\$35,000	\$11,000
<i>Vehicles:</i>	\$156,000	\$272,000	\$94,000
Subtotal:	\$202,000	\$307,000	\$105,000
Public Works			
<i>Equipment:</i>	\$44,000	\$38,000	(\$6,000)
<i>Vehicles:</i>	\$464,000	\$312,000	(\$152,000)
Subtotal:	\$508,000	\$350,000	(\$158,000)
Overall Total	\$763,000	\$703,000	(\$60,000)

Consolidated Year over Year:

	Est. FY18	Proposed					
		FY19	FY20	FY21	FY22	FY23	FY24
Equipment	\$0	\$7,000	\$81,000	\$0	\$0	\$9,000	\$0
Vehicles	\$157,000	\$84,000	\$200,000	\$178,000	\$0	\$0	\$86
Projects	\$396,000	\$139,500	\$124,500	\$179,500	\$229,500	\$229,500	229,500
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Total	\$553,000	\$230,500	\$405,500	\$357,000	\$299,500	\$238,500	\$315,000
Difference	(\$322,500)	\$175,000	(\$48,000)	(\$57,500)	(\$61,000)	\$76,500	

Project Detail Sheet

Sidewalk Maintenance Program

Category	Infrastructure	Date Last Modified	February 21, 2018
Department	Public Works	Funding Source	SafeSpeed Eligible
Zone Location	1, 2, 3, 4	Status	On-going

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Cost Element	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Planning, Design and Supervision	3.5	0.5	3	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Land acquisition	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	21	3	18	3	3	3	3	3	3	3/year
Other	0	0	0	0	0	0	0	0	0	0
Total	24.5	3.5	21	3.5	3.5	3.5	3.5	3.5	3.5	3.5/year

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues										
SafeSpeed Revenues	24.5	3.5	21	3.5	3.5	3.5	3.5	3.5	3.5	3.5/year
Total	24.5	3.5	21	3.5	3.5	3.5	3.5	3.5	3.5	3.5/year

EST. OPERATING BUDGET IMPACT (dollars in thousands)

Labor/Maintenance			0	0	0	0	0	0	0	0
Materials/Equipment			0	0	0	0	0	0	0	0
Total			0	0	0	0	0	0	0	0

Description

This ongoing project will proactively maintain and repair Village sidewalks.

Estimated Schedule


This is an on-going maintenance activity.

Cost Change

There have been no cost changes to this project.

Justification

This project will maintain and increase pedestrian safety on all Village sidewalks and promote safe access throughout the Village. As a result of the increased pedestrian safety this activity is eligible for funding under the *SafeSpeed* program.

<p>Coordination Board of Managers General Government Public Works Department</p>	<p>Map</p> 
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Project Detail Sheet

Street Maintenance and Repair Program

Category	Infrastructure	Date Last Modified	February 21, 2018
Department	Public Works	Funding Source	SafeSpeed/Reimbursement
Zone Location	1, 2, 3, 4	Status	On-going

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Cost Element	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Planning, Design and Supervision	1	1	0	0	0	0	0	0	0	1/year
Land acquisition	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	410	110	300	50	50	50	50	50	50	50+/year
Other	0	0	0	0	0	0	0	0	0	0
Total	411	111	300	50	50	50	50	50	50	50+/year

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	0	0	0	0	0	0	0	0	0	0
SafeSpeed Revenues	411	111	300	50	50	50	50	50	50	50+/year
Total	411	111	300	50	50	50	50	50	50	50+/year

EST. OPERATING BUDGET IMPACT (dollars in thousands)

Labor/Maintenance			0	0	0	0	0	0	0	0
Materials/Equipment			0	0	0	0	0	0	0	0
Total			0	0	0	0	0	0	0	0

Description

This project provides for the on-going maintenance and repair of the Village's roadways, curbs and storm drainage infrastructure using concrete and hot mix asphalt. The Village maintains a total of 8.1 miles of roadway or 27 lane miles. Based on current funding levels all Village roadways would be repaved on a revolving 20-year basis. With the re-paving of Bradley Lane this past July, all streets within the Village have been repaved and are in good repair.

Estimated Schedule


The Village's street maintenance and repair program typically runs from April through October because the material used will not set properly if temperatures are below 60 degrees.

Cost Change

It is anticipated that minor repairs may need to be made. This is reflected in the reduced funding allocations in FY19 and beyond. Beyond FY24 it may be necessary to revert to a higher annual expenditure for re-surfacing.

Justification

The street maintenance and repair program will ensure the Village's infrastructure is kept at an acceptable level as well as providing safe traverse for pedestrian and vehicular traffic and is eligible for funding under the SafeSpeed program.

Coordination Board of Managers General Government	Map 
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Project Detail Sheet
Streetlight Upgrades

Category	Infrastructure	Date Last Modified	February 21, 2018
Department	Public Works/Police	Funding Source	<i>SafeSpeed</i> Eligible
Zone Location	1, 2, 3, 4	Status	Ongoing

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Cost Element	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Planning, Design and Supervision	0	0	0	0	0	0	0	0	0	0
Land acquisition	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	70	10	60	10	10	10	10	10	10	10
Other	0	0	0	0	0	0	0	0	0	0
Total	70	10	60	10	10	10	10	10	10	10

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	0	0	0	0	0	0	0	0	0	0
<i>SafeSpeed</i> Revenues	70	10	60	10	10	10	10	10	10	10
Total	70	10	60	10	10	10	10	10	10	10

EST. OPERATING BUDGET IMPACT (dollars in thousands)

Labor/Maintenance			3	0.5	0.5	0.5	0.5	0.5	0.5
Materials/Equipment			0	0	0	0	0	0	0
Total			3	0.5	0.5	0.5	0.5	0.5	0.5

Description

This program serves to enhance and upgrade existing street lights in addition to installing new LED or high-pressure sodium streetlights in identified dark areas, thereby creating safer pedestrian and vehicular access throughout the Village. The program also monitors technology developments regarding LED streetlights as well as potential incentive programs and fluctuations in PEPCO tariff rates. LED tariffs have increased approximately 10% since July 2014.

Estimated Schedule


This is an ongoing program.

Cost Change

There have been no cost changes to the project. (Although tariff rates have increased approximately 10%, adjustments in the CIP costs are not required as we are not planning to pursue LED streetlight installations.)

Justification

This program serves to enhance and upgrade existing street lights in addition to installing new streetlights in identified dark areas, thereby creating safer pedestrian and vehicular access throughout the Village. As a result of the increased pedestrian, vehicular and public safety, this project is eligible for funding under the *SafeSpeed* program.

<p>Coordination Board of Managers General Government Police Department PEPCO</p>	<p>Map</p> 
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Project Detail Sheet

Municipal Storm Drain System

Category	Infrastructure	Date Last Modified	February 22, 2018
Department	Public Works	Funding Source	Tax-Based/SafeSpeed Eligible
Zone Location	1, 2, 3, 4	Status	Planning

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Cost Element	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Planning, Design and Supervision	15	0	15	15	0	0	0	0	0	0
Land acquisition	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0
Construction	250	0	250	0	0	50	100	100	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	265	0	265	15	0	50	100	100	0	0

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	265	0	265	15	0	50	100	100	0	0
SafeSpeed Based Revenues	0	0	0	0	0	0	0	0	0	0
Total	265	0	265	15	0	50	100	100	0	0

EST. OPERATING BUDGET IMPACT (dollars in thousands)

Labor/Maintenance			22	8	0	6	8	0	0
Materials/Equipment			0	0	0	0	0	0	0
Total			22	8	0	6	8	0	0

Description

As an older community, the Village's storm drainage infrastructure is inadequate and entirely lacking in some areas of the Village. Several blocks in the Village have no storm drain infrastructure at all. All storm drainage infrastructure within the Village is owned and maintained by either the Maryland State Highway Administration or Montgomery County. Over the past few years, the increased frequency and severity of rain events and the installation of residential sump-pumps to keep water out of homes have highlighted the need to install storm drainage infrastructure in those areas that currently don't have any and to upgrade existing infrastructure where needed. Because the Village is an established community, Montgomery County will not install new nor will it "retro-fit" existing storm drainage facilities. Instead the Village would be treated as a developer who could install the facilities to County and State specifications and then transfer ownership and maintenance of the facilities to the County. Planning of this project is in the early stages, and planning funds are requested in FY19 to beginning concept planning and discussions between the County, Village and our consulting engineering firm.

Estimated Schedule

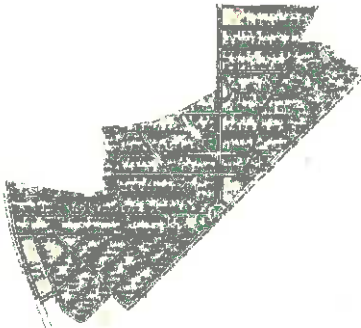
This project is currently in the planning phase.

Cost Change

At this point, only concept planning funds are being requested for the project and prior to construction activities, a formal Invitation for Bids will be circulated. Construction funding in FY22 – 24 will be refined following concept planning.

Justification

This project will address ongoing storm drainage concerns and issues throughout the Village.

<p>Coordination Board of Managers General Government Public Works Department Montgomery County Maryland State Highway Administration</p>	<p>Map</p> 
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Project Detail Sheet

Public Safety Technology and Equipment

Category	Public Safety	Date Last Modified	February 21, 2018
Department	Police	Funding Source	<i>SafeSpeed</i> Eligible
Zone Location	1, 2, 3, 4	Status	Ongoing

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Cost Element	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Planning, Design and Supervision	14	2	12	2	2	2	2	2	2	0
Land acquisition	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	21	3	18	3	3	3	3	3	3	0
Construction/Purchase	105	15	90	15	15	15	15	15	15	0
Other	0	0	0	0	0	0	0	0	0	0
Total	140	20	120	20	20	20	20	20	20	0

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	0	0	0	0	0	0	0	0	0	0
<i>SafeSpeed</i> Revenues	140	20	120	20	20	20	20	20	20	0
Total	140	20	120	20	20	20	20	20	20	0

EST. OPERATING BUDGET IMPACT (dollars in thousands)

Labor/Maintenance			6	1	1	1	1	1	1
Materials/Equipment			0	0	0	0	0	0	0
Total			6	1	1	1	1	1	1

Description

This project would further enhance the Village Police Department's strategies and practices to prevent and reduce crime throughout the Village as supported by the Village Public Safety Committee. Currently being explored are body-worn cameras, GPS-enabled bait items, protective apparel, and other crime-fighting equipment to support officers' efforts to deter crime and respond to emergencies.

Estimated Schedule

This is an ongoing project. As emerging technologies and/or equipment come to our attention, staff will investigate them to determine whether their use may be beneficial/feasible in improving efficiency or reducing crime in the Village. In the upcoming fiscal year, it is anticipated that modest expenditures may be made to augment and enhance the Village Police Department's crime fighting strategies and practices.

Cost Change

There have been no cost changes to this project.

Justification

This project would enhance and upgrade the existing crime fighting strategies and practices creating safer pedestrian and vehicular access throughout the Village. As a result of the relationship to public safety, this project is eligible for funding under the *SafeSpeed* program.

<p>Coordination Board of Managers General Government Police Department Public Safety Committee</p>

Project Detail Sheet

Laurel Park Hydrology and Engineering Study

Category	Public Space	Date Last Modified	February 22, 2018
Department	Public Works	Funding Source	Tax-Based
Zone Location	3	Status	Planning

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Cost Element	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Planning, Design and Supervision	50	0	50	0	0	0	50	0	0	0
Land acquisition	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	50	0	50	0	0	0	0	50	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	100	0	100	0	50	0	50	50	0	0

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	100	0	100	0	50	50	0	0	0	0
SafeSpeed	0	0	0	0	0	0	0	0	0	0
Total	100	0	100	0	50	50	0	0	0	0

EST. OPERATING BUDGET IMPACT (dollars in thousands)

Labor/Maintenance			8	0	4	4	0	0	0
Materials/Equipment			0	0	0	0	0	0	0
Total			8	0	0	4	0	0	0

Description

This project will study the water runoff and flow through Laurel Park and the existing "rain garden" located at the south end of Laurel Park. Sections of the stream bed have been experiencing erosion due to the increased severity of weather events in recent years and the installation of two (2) curb inlets that were installed at the south end of the park back in 2011. The study will determine what mitigation measures should be implemented to slow the velocity of storm water entering the park, and how adjacent roadways should be protected from stream bank cut back. The study will also review the overall placement of the existing "rain garden" to determine the most effective location and proper design to maximize its potential to filter storm water runoff.

Estimated Schedule


This project is currently in the planning phase. However, after consultation with Montgomery County Department of Environmental Protection (DEP) personnel, the opportunity exists to partner with the County in support of the design and construction of the project. Accordingly, the project has been deferred until FY20. DEP personnel have visited the site and do not believe there is an immediate hazard, however, DEP staff are continuing to monitor the area.

Cost Change

There have been no cost changes to this project.

Justification

This project will protect the park from further erosion, which, over time, will threaten the stability of northeast portions of Laurel Parkway where the stream bed has begun to undercut the hillside adjacent to the roadway.

<p>Coordination Board of Managers General Government Public Works Department Maryland Department of Environment Montgomery County Department of Environmental Protection WSSC</p>	<p>Map</p> 
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Expenditure Detail Sheet
General Government Equipment

Category
Department

Equipment
 All Departments

Date Last Modified
Funding Source
Status

February 21, 2018
 Tax-Based/*SafeSpeed* Eligible
 On-going

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Equipment Type	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Village Computer Servers	18	0	18	0	9	0	0	9	0	0
Total	18	0	18	0	9	0	0	9	0	0

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	13.5	0	13.5	0	9	0	0	4.5	0	0
<i>SafeSpeed</i> Revenues	4.5	0	4.5	0	0	0	0	4.5	0	0
Total	18	0	18	0	9	0	0	9	0	0

Description

This equipment will ensure the continuity of operations of Village government. Due to the need for this equipment to be used by other departments in the support of the Village *SafeSpeed* program, a percentage of the expenditures would be eligible to be paid out of the *SafeSpeed* revenues.

- Village Computer Servers: The Village's maintains two (2) computer servers: 1) file/police records management server and 2) financial accounting system server. The file/police server was replaced (upgraded) in FY2016 to accommodate current software requirements and security protocols. The former file/police server was at that time re-installed as the accounting server. The operating software of this server will continue to be supported by the County for the short term but the system cannot be upgraded and is being phased out. It will need to be replaced in a year, possibly two.

Estimated Schedule

This equipment would be purchased on an as needed basis and as the equipment's lifespan dictates and pursuant to the Village's Equipment Plan.

Cost Change

There have been no cost changes.

Justification

This equipment as described above would ensure the continuity of operations of the Village government as well as ensuring that State mandates are met through record retention and preservation. Equipment will be purchased pursuant to the Village's Equipment Plan.

Coordination

- Board of Managers
- General Government
- Police/Communications Department

Expenditure Detail Sheet

General Government Vehicles

Category
Department

Vehicles
All Departments

Date Last Modified
Funding Source
Status

February 21, 2018
Tax-Based/*SafeSpeed* Eligible
Ongoing

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Equipment Type	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
General Govt. Vehicle	28	0	28	0	0	28	0	0	0	0
Total	28	0	28	0	0	28	0	0	0	0

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	14	0	14	0	0	14	0	0	0	14
<i>SafeSpeed</i> Revenues	14	0	14	0	0	14	0	0	0	14
Grants/Reimbursements	0	0	0	0	0	0	0	0	0	0
Total	28	0	28	0	0	28	0	0	0	28

Description

This vehicle is used by all general government and non-sworn staff, although it is most frequently used by the Municipal Operations Coordinator and Permitting and Code Enforcement Coordinator. The vehicle is used for travel to and from meetings, code enforcement patrols, capital projects supervision and meeting/event preparations. The vehicle initially purchased for this purpose was an SUV, however the SUV's use has evolved and the Police Department's unmarked surveillance hybrid vehicle has advantages for general government use (smaller size and maneuverability when navigating congested construction sites and better mileage for travelling farther distances). This vehicle may also be commissioned as an alternate Police response vehicle when the Police Department's regular police vehicles are undergoing maintenance or otherwise out of service. The recommended replacement vehicle would be a four-wheel drive hybrid vehicle.

Since this vehicle is used in the supervision of the Village's *SafeSpeed* capital projects as well as being a spare first responder vehicle a certain percentage of the costs would be eligible to be paid out of the *SafeSpeed* revenues.

Estimated Schedule

Vehicles are purchased pursuant to the Village's Vehicle Operational Plan. The admin vehicle receives lighter use, and according to the Plan, it is to be replaced on an as-needed basis. We have scheduled its replacement plan to replace it in FY21 (although this may change if unforeseen problems arise with that car); at which time it will be 7 years old and as dictated by the regular use by the Police Department.

Cost Change

There have been no cost changes.

Justification

Replacement will be in accordance with the Chevy Chase Village Vehicle Operational Plan.

Coordination

- Board of Managers
- General Government
- Police Department

Expenditure Detail Sheet

General Government Vehicles

Category
Department

Vehicles
All Departments

Date Last Modified
Funding Source
Status

February 21, 2018
Tax-Based/*SafeSpeed* Eligible
Ongoing

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Equipment Type	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
General Govt. Vehicle	28	0	28	0	0	28	0	0	0	0
Total	28	0	28	0	0	28	0	0	0	0

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	14	0	14	0	0	12.5	0	0	0	14
<i>SafeSpeed</i> Revenues	14	0	14	0	0	12.5	0	0	0	14
Grants/Reimbursements	0	0	0	0	0	3	0	0	0	0
Total	28	0	28	0	0	28	0	0	0	28

Description

This vehicle is used by all general government and non-sworn staff, although it is most frequently used by the Municipal Operations Coordinator and Permitting and Code Enforcement Coordinator. The vehicle is used for travel to and from meetings, code enforcement patrols, capital projects supervision and meeting/event preparations. The vehicle initially purchased for this purpose was an SUV, however the SUV's use has evolved and the Police Department's unmarked surveillance hybrid vehicle has advantages for general government use (smaller size and maneuverability when navigating congested construction sites and better mileage for travelling farther distances). This vehicle may also be commissioned as an alternate Police response vehicle when the Police Department's regular police vehicles are undergoing maintenance or otherwise out of service. The recommended replacement vehicle would be a four-wheel drive hybrid vehicle.

Since this vehicle is used in the supervision of the Village's *SafeSpeed* capital projects as well as being a spare first responder vehicle a certain percentage of the costs would be eligible to be paid out of the *SafeSpeed* revenues.

Estimated Schedule

Vehicles are purchased pursuant to the Village's Vehicle Operational Plan. The admin vehicle receives lighter use, and according to the Plan, it is to be replaced on an as-needed basis. We have scheduled its replacement plan to replace it in FY21 (although this may change if unforeseen problems arise with that car); at which time it will be 7 years old and as dictated by the regular use by the Police Department.

Cost Change

There have been no cost changes.

Justification

Replacement will be in accordance with the Chevy Chase Village Vehicle Operational Plan.

Coordination

- Board of Managers
- General Government
- Police Department

Expenditure Detail Sheet

Public Safety/Communications Equipment

Category
Department

Equipment
Police/Communications

Date Last Modified
Funding Source
Status

February 21, 2018
Tax-Based/*SafeSpeed*
Ongoing

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Equipment Type	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Mobile Radios	35	0	35	0	35	0	0	0	0	0
Total	35	0	35	0	35	0	0	0	0	0

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	0	0	0	0	0	0	0	0	0	0
<i>SafeSpeed</i> Revenues	35	0	35	0	35	0	0	0	8	0
Grants/Reimbursements	0	0	0	0	0	0	0	0	0	0
Total	35	0	35	0	35	0	0	0	0	0

Description

This equipment will ensure the continuity of operations of Village government while ensuring that the services Village residents have come to rely on such as emergency response, 24/7 police patrols, house checks, speed and stop sign enforcement continue without interruption. Due to this equipment being used for public safety needs, the expenditures would be eligible to be purchased with *SafeSpeed* revenues. The mobile laptops have been moved to the Public Safety Vehicles Expenditure Detail Sheet as they need to be coordinated with installation in those new vehicles.

Estimated Schedule

Mobile radios: These are the police radios installed inside the police cars. Replacement is required due to technology advancements¹. The lifespan of the radios is approximately 10 years.

Justification

This equipment will ensure the continuity of operation of Village government while ensuring that the services Village residents have come to rely on such as 24/7 police patrols, house checks, speed and stop sign enforcement continue.

- All public safety radios must be replaced due to technology upgrades (new frequencies and encryption) being implemented by Montgomery County. This is a major project that has been delayed several times already. The latest information that we have (as of January 10, 2018) indicated that the project will be completed no earlier than late 2019 (during FY20). In FY20, we seek to replace 6 radios: 1 fixed base station radio in the Communications Center, and 5 fixed radios in the police cars (3 marked cruisers, 1 unmarked sedan, 1 dual-use SUV) so that they will be compatible with the new technology

Coordination

- Board of Managers
- General Government
- Police Department
- Public Safety Committee

¹ Portable radios for the officers were purchased in FY12. Purchase of in-car radios was deferred at that time pending build-out of the County's infrastructure to ensure equipment reliability.

Expenditure Detail Sheet

Public Safety Vehicles

Category
Department

Vehicles
Police/Communications

Date Last Modified
Funding Source
Status

February 22, 2018
Tax-Based/*SafeSpeed* Eligible
Ongoing

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Vehicle Type	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Marked Police Cars (x3)	230.5	0	230.5	91	45.5	0	0	0	94	0
Unmarked surveillance car	41.5	0	41.5	0	41.5	0	0	0	0	0
Total	272	0	272	91	87	0	0	0	94	0

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	0	0	0	0	0	0	0	0	0	0
<i>SafeSpeed</i> Revenues	212	0	212	67	75	0	0	0	70	0
Grants/Reimbursements	60	0	60	24	12	0	0	0	24	0
Total	272	0	272	91	87	0	0	0	94	0

Description

The Police department's fleet includes three (3) marked and one unmarked (surveillance) vehicles for the performance of public safety operations. The cost for a police cruiser is all inclusive of any equipment needed such as a light bar, decals, push bumper, siren, spotlight and all installation costs. Installation of the necessary laptops has been wrapped into the new vehicle cost as the two must be coordinated. Due to these vehicles being used for pedestrian, vehicular and public safety needs, the expenditures would be eligible to be paid out of the *SafeSpeed* revenues.

Schedule

Vehicles are purchased pursuant to the Village's Vehicle Operational Plan. Specifically, marked cars are to be replaced by the time they are five service years old. Two of our marked cars were bought in FY14 and the third was bought in FY15, therefore, two cars will be due for replacement in FY19 and the third will be due for replacement in FY20. The hybrid surveillance vehicle initially purchased for Police use is now primarily used by General Government personnel and has been transferred to the General Government Vehicles category. It will be replaced in FY21 as it receives lighter use, runs well and, according to the Plan, it is to be replaced on an as-needed basis. We would therefore transfer replacement of the General Government Vehicle (currently an unmarked 4-wheel drive SUV) to the Police category for scheduled replacement and replace it in FY20, per the previously approved schedule for that vehicle. Mobile laptops (one for each marked and surveillance vehicle) will be installed in each new vehicle and their expected lifespan is 4-5 years.

Justification

These vehicles will ensure the continuity of operation of Village government while ensuring that the services Village residents have come to rely on such as 24/7 police patrols, house checks, and traffic enforcement are maintained.

- We purchased 3 of our current mobile laptops in the fall of 2012 (FY13); they are more than 5 years old. The fourth laptop was purchased in 2004 and is well beyond its useful lifespan. We had originally scheduled to replace these 4 laptops in FY18, but since we will be replacing 2 cars in FY19 and 2 more in FY20 it makes sense to defer the laptop purchase to coincide with the purchase of the replacement cars.

Coordination

- Board of Managers
- General Government
- Police Department
- Public Safety Committee

Expenditure Detail Sheet
Public Works Equipment

Category
Department

Equipment
Public Works

Date Last Modified
Funding Source
Status

February 21, 2018
 Tax-Based/*SafeSpeed* Eligible
 Ongoing

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Equipment Type	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Leaf Vacuums (2 total)	30	0	30	0	30	0	0	0	0	30
Water tank	8	0	8	0	0	0	8	0	0	0
Total	38	0	38	0	30	0	8	0	0	30

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	32	0	32	0	30	0	8	0	0	30
<i>SafeSpeed</i> Revenues	6	0	6	0	0	0	0	0	0	0
Grants/Reimbursements	0	0	0	0	0	0	0	0	0	0
Total	38	0	38	0	30	0	8	0	0	30

Description

This equipment will ensure the continuity of operation of Village government while ensuring that public works services, such as snow plowing operations, special (bulk) pick-ups, yard waste collection, tree planting and leaf collection, are maintained. Due to the need for some of this equipment to be used for pedestrian, vehicular and public safety needs, a certain percentage of the expenditures would be eligible to be paid out of the *SafeSpeed* revenues.

- In FY18 - The Village is responsible for clearing snow/ice from sidewalks along Connecticut Avenue, Brookville Road, the Village Hall, Buffer Area, Village parks and the Western Grove Park pathways. In order to assist Public Works staff with clearing operations, the department has one snow blower. Staff had budgeted for FY18 to replace the existing unit, however it is relatively new, in good condition and effective for its use. Hence staff recommends eliminating purchase of the previously approved unit for FY18.

Estimated Schedule

Future equipment would be purchased on an as needed basis and as the equipment's lifespan dictates. Equipment will be purchased pursuant to the Village's Equipment Operational Plan. The Village's second leaf vacuum has been performing well, therefore replacement scheduled for FY18 has been deferred until FY20 at which time replacement will be re-evaluated.

Justification

This equipment will ensure the continuity of operation of Village government while ensuring that that public works services such as snow plowing operations, special (bulk) pick-ups, yard waste collection, tree planting and leaf collection are maintained.

Coordination

- Board of Managers
- General Government
- Public Works Department

Expenditure Detail Sheet
Public Works Vehicles

Category
Department

Vehicles
Public Works

Date Last Modified
Funding Source

February 22, 2018
Tax-Based/*SafeSpeed* Eligible/
Reimbursement
Ongoing

Status

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Equipment Type	Total	Est. FY18	Total 6 Years	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years
Pick-up trucks (3 total)	84	42	42	0	0	0	42	0	0	42
Medium-duty dump trucks (2 total)	240	120	120	0	120	0	0	0	0	0
Rear-load trash/yard waste truck	150	0	150	0	0	150	0	0	0	0
Total	474	162	312	0	120	150	42	0	0	42

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based Revenues	313.5	111	202.5	0	78.75	101.25	22.5	0	0	22.5
<i>SafeSpeed</i> Revenues	104.5	37	67.5	0	26.25	33.75	7.5	0	0	7.5
Grants/Reimbursements	56	14	42	0	15	15	12	0	0	12
Total	474	162	312	0	120	150	42	0	0	42

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Description

These vehicles facilitate the operation of Village government while ensuring that public works services such as snow plowing operations, special (bulk) pick-ups, yard waste collection, sidewalk repairs and leaf collection are maintained as outlined in the Chevy Chase Village Vehicle Plan. Due to the need for these vehicles to be used for pedestrian, vehicular and public safety needs, a certain percentage of the expenditures are eligible to be paid out of the *SafeSpeed* revenues.

- The oldest pickup truck in the fleet was replaced in FY18, and the last of the three trucks is scheduled to be replaced in FY22.
- One of the Village's two (2) medium-duty dump trucks was replaced in FY18 with a larger unit to match the unit already in the fleet. This allows for greater usage and capacity during leaf collection, snow clearing and summer yard waste collection operations. The second medium-duty truck is currently running well and has low mileage. We therefore propose moving its replacement tentatively to FY20. The budget has been increased to reflect current pricing, based on the vehicle purchased this year.

Estimated Schedule

Vehicles are purchased on an as-needed basis and in accordance with the Chevy Chase Village Vehicle Operational Plan. The replacement of the second medium-duty dump truck has therefore been pushed to FY20.

Cost Change

Due to market, steel and contract costs the budget for the medium-duty dump trucks has been increased slightly since the previous purchase in FY18. The pick-up truck purchased in FY18 came in within budget and the costs have not been adjusted.

Justification

These vehicles will ensure the continuity of operation of Village government while ensuring that Village public works services such as snow plowing operations, special (bulk) pick-ups, yard waste collection, sidewalk repairs and leaf collection. Replacement will be in accordance with the Chevy Chase Village Vehicle Plan.

Coordination

- Board of Managers
- General Government
- Public Works Department

Funding Summary by Project Category (dollars in Thousands)

	CIP Total	Est. FY18	Total Tax Based Projected Funding Cost	Total Eligible <i>SafeSpeed</i> Projected Funding Cost	Grants/Reimburse ments/Other Funding Cost	Combined Total Future 6 Year Funding
Infrastructure						
Sidewalk Maintenance Program	24.5	3.5	0	24.5	0	21
Street Maintenance and Repair Program	411	111	0	411	0	300
Streetlight Upgrades	60	0	0	60	0	60
Buffer Area Sidewalk Replacement	71.5	71.5	0	71.5	0	0
Municipal Storm Drain System	265	0	265	0	0	265
Category Total	832	186.0	265	567.0	0	646.00
Public Safety						
Public Safety Technology and Equipment	120	0	0	120	0	120
Category Total	120	0	0	120	0	120
Public Spaces						
Laurel Park Hydrology and Engineering Study	0	0	0	0	0	100
Brookville Road Park Development	125	125	125	0	0	0
Category Total	125.0	125.0	125	0	0	100
Village Hall/Office						
Village Hall Sidewalk, Public Works Yard Fence and Wall Replacement	83	0	83	0	0	0
Category Total	83	0	83	0	0	0
Total Funding Requirements	1,169.0	311.0	473	687.0	0	866.00

Funding Summary by Department (dollars in Thousands)

	CIP Total	Est. FY18	Total Tax Based Projected Funding Cost	Total <i>SafeSpeed</i> Projected Funding Cost	Grants/Reimbur sements/Other Funding Cost	Total 6 year Funding Cost
General Government						
<i>Equipment</i>	18	0	13.5	4.5	0	18
<i>Vehicles</i>	28	0	28	0.0	0	28
Department Total	46	0	41.5	4.5	0	46
Public Safety						
<i>Communications Equipment</i>	35	0	0	35	0	35
<i>Vehicles</i>	272	0	0	200	72	272
Department Total	307	0	0	235	72	307
Public Works						
<i>Equipment</i>	38	0	38	0	0	38
<i>Vehicles</i>	464	152	365	56	43	312
Department Total	502	152	403	56	43	350
Total Funding Requirements	855	152	444.5	295.5	115	703

Expenditure Summary by Project Category (dollars in Thousands)

	CIP Total	Est. FY18	Combined Six-Year Total	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years	Funding Breakdown							
											Tax Based Percent Allocation	SafeSpeed Percent Allocation	Grants/Reimbursement/Other percent Allocation	Total Tax Based Projected Cost	Total SafeSpeed Projected Cost	Grants/Reimbursements/Other Funding Cost	Total Cost	
Infrastructure																		
Sidewalk Maintenance Program	24.5	3.5	21	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0%	100%	0%	0	21	0		
Street Maintenance and Repair Program	411	111	300	50	50	50	50	50	50	50	0%	100%	0%	0	300	0		
Streetlight Upgrades	70	10	60	10	10	10	10	10	10	10	0%	100%	0%	0	60	0		
Municipal Storm Drain System	265	0	265	15	0	50	100	100	0	0	100%	0%	0%	265	0	0		
Category Total	771	124.5	646.0	78.5	63.5	113.5	163.5	163.5	63.5	63.5				265	381.0	0		646
Public Safety																		
Public Safety Technology and Equipment	140	20	120	20	20	20	20	20	20	20	0%	100%	0%	0	120	0		
Category Total	140	20	120	20	20	20	20	20	20	20				0	120	0		120
Public Spaces																		
Laurel Park Hydrology and Engineering Study	100	0	100	0	0	0	50	50	0	0	100%	0%	0%	100	0	0		
Category Total	100.0	0	100	0	0	0	50	50	0	0				100	0	0		100
Village Hall/Office																		
Village Hall Sidewalk, Public Works Yard Fence and Wall Replacement	83	83	0	0	0	0	0	0	0	0	100%	0%	0%	0	0	0		
Category Total	83	83	0	0	0	0	0	0	0	0				0	0	0		0
Total Expenditures	1,093.5	227.5	866.0	98.5	83.5	133.5	233.5	233.5	83.5	63.5				365	501.0	0		866.0

Expenditure Summary by Department (dollars in Thousands)

	CIP Total	Est. FY18	Combined Six-Year Total	FY19	FY20	FY21	FY22	FY23	FY24	Beyond 6 Years	Tax Based Percent Allocation	SafeSpeed Percent Allocation	Funding Breakdown			Total Cost
													Grants/Reimbursements/Other percent Allocation	Total Tax Based Projected Cost	Total SafeSpeed Projected Cost	
General Government																
<i>Equipment</i>																
Village Computer Server Replacements	18	0	18	0	9	0	0	9	0	0	75%	25%	0%	13.5	4.5	0
Group Total	18	0	18	0	9	0	0	9	0	0				13.5	4.5	0
<i>Vehicles</i>																
Admin. Vehicle	28	0	28	0	0	28	0	0	0	0	50%	50%	0%	14.0	14.0	0
Group Total	28	0	28	0	0	28	0	0	0	0				14.0	14.0	0
Department Total	46	0	46	0	9	28	0	9	0	0				28	19	0
Public Safety																
<i>Communications Equipment</i>																
Police Radio Upgrades	35	0	35	0	35	0	0	0	0	0	0%	100%	0%	0	35	0
Mobile Data Terminals	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	0	0	0
Group Total	35	0	35	0	35	0	0	0	0	0				0	35	0
<i>Vehicles</i>																
Police Cruiser Replacement (x3)	230.5	0	231	91	45.5	0	0	0	94	0	0%	100%	0%	0	231	0
Hybrid Surveillance Vehicle	41.5	0	42	0	41.5	0	0	0	0	0	0%	100%	0%	0	42	0
Group Total	272	0	272	91	87	0	0	0	94	0				0	272	0
Department Total	307	0	307	91	122	0	0	0	94	0				0	307	0
Public Works																
<i>Equipment</i>																
Leaf Vacuums (x2)	30	0	30	0	30	0	0	0	0	0	100%	0%	0%	30	0	0
Replacement Salt Spreader	4.2	4.2	0	0	0	0	0	0	0	0	0%	100%	0%	0	0	0
Snow Blower Replacement	0	0	0	0	0	0	0	0	0	0	0%	100%	0%	0	0	0
Water Tank	8	0	8	0	0	0	8	0	0	0	100%	0%	0%	8	0	0
Group Total	42.2	4.2	38	0	30	0	8	0	0	0				38	0	0
<i>Vehicles</i>																
Pick-up trucks (x3)	42	0	42	0	0	0	42	0	0	42	43%	43%	14%	18	18	6
Medium-duty dump trucks (x2)	120	0	120	0	120	0	0	0	0	0	71%	22%	7%	86	26	8
Rear-load/yard waste truck	150	0	150	0	0	150	0	0	0	0	90%	0%	10%	135	0	15
Skid-Steer Loader	43	43	0	0	0	0	0	0	0	0	55.5%	33%	11.5%	0	0	0
Group Total	355	43	312	0	120	150	42	0	0	42				238	44	29
Department Total	397.2	47.2	350	0	150	150	50	0	0	42				276	44	29
Total Expenditures	750.2	47.2	703	91	281	178	50	9	94	42				304	370	29