



Technology Services

PROGRAM DESCRIPTION AND OBJECTIVES

The goals of the Department of Technology and Business Enterprise Solutions (TEBS) are to promote effective use of automated information systems and telecommunications technology throughout the County government and ensure that the County's information systems and telecommunications capabilities are planned, developed, implemented, and maintained efficiently and effectively.

The objectives of the TEBS capital improvements program are to connect information systems and telecommunications equipment within County buildings to the County's fiber optic network; and to facilitate voice, data, and video transmissions (e.g. Internet access, public-safety radio, traffic control and management) among Montgomery County Government, Montgomery County Public Schools, Montgomery College, Maryland-National Capital Park and Planning Commission and WSSC Water facilities.

HIGHLIGHTS

- The Montgomery Connects project ensures the County continues to help lower income residents access high quality broadband services. Funding will primarily support the deployment of Montgomery County's residential high-speed internet service network for affordable housing developments.
- Funding for the County Building Network Wiring project ensures continuity in network wiring and equipment upgrades in County-owned buildings to eliminate bottlenecks and allow County users to fully utilize the FiberNet system.
- Add funds in FY31 and FY32 for the FiberNet program.
- The County Radio Life Cycle Replacement project, which is the County's critical infrastructure communications network that continues to expand its physical reach and bandwidth capacity will continue the phased replacement of outdated voice radio systems used primarily by the County's public safety first responder agencies including Police, Fire and Rescue, Sheriff, Correction and Rehabilitation, the Department of Transportation, and the Maryland-National Capital Park and Planning Commission.

PROGRAM CONTACTS

Contact Leny Bautista of the Department of Technology & Enterprise Business Solutions at 240.777.2865 or Alicia Singh of the Office of Management and Budget at 240.777.2780 for more information regarding this department's capital budget.

CAPITAL PROGRAM REVIEW

The Recommended FY27-32 Capital Improvements Program totals \$51.5 million over the six-year program supporting five ongoing projects. This is a \$40.1 million reduction from the \$91.6 million contained in the FY25-30 amended program. This reduction is due to the net impact of the completion of previously approved work in projects such as the Dickerson Radio Tower, Dense Wave Division Multiplexing Replacement, Public Safety Server Hardware Upgrade, Public Safety System Modernization and IJIS - Correction and Rehabilitation Information Management System (CRIMS) Upgrade, County Radio Life Cycle Replacement, and Montgomery Connects projects.



County Building Network Wiring (P342501)

Category	General Government	Date Last Modified	12/29/25
SubCategory	Technology Services	Administering Agency	Technology Services
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Planning, Design and Supervision	312	-	312	-	-	-	-	-	-	-	-
Construction	147	147	-	-	-	-	-	-	-	-	-
Other	15,603	23	3,580	12,000	2,000	2,000	2,000	2,000	2,000	2,000	-
TOTAL EXPENDITURES	16,062	170	3,892	12,000	2,000	2,000	2,000	2,000	2,000	2,000	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Current Revenue: Cable TV	13,567	170	3,892	9,505	2,000	1,846	1,600	1,353	1,353	1,353	-
Current Revenue: General	2,495	-	-	2,495	-	154	400	647	647	647	-
TOTAL FUNDING SOURCES	16,062	170	3,892	12,000	2,000	2,000	2,000	2,000	2,000	2,000	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 27 Request	2,000	Year First Appropriation	FY25
Appropriation FY 28 Request	2,000	Last FY's Cost Estimate	12,062
Cumulative Appropriation	4,062		
Expenditure / Encumbrances	643		
Unencumbered Balance	3,419		

PROJECT DESCRIPTION

The County Building Wiring project is a strategic infrastructure initiative designed to modernize internal cabling across County-owned facilities. The goal is to enable full utilization of the County's advanced FiberNet3 technology, which supports high-speed, secure, and reliable data transmission for government operations. Led by the Department of Technology and Enterprise Business Solutions (TEBS), the project will begin with a comprehensive audit of over 300 County-owned buildings, identifying locations with outdated or insufficient internal wiring. Additional buildings with critical cable infrastructure needs will also be assessed and included as necessary. This funding request supports the modernization of inside wiring across County buildings to align with the capabilities of the upgraded FiberNet backbone and is a necessary step to ensure the County's IT infrastructure remains resilient, scalable, and capable of supporting mission-critical services.

ESTIMATED SCHEDULE

The project includes a phased approach: In FY25, TEBS initiated audits of all County-owned buildings and identified leased facilities with critical wiring needs. These assessments are designed to evaluate the condition and capacity of existing internal wiring infrastructure. In FY26: The audit phase will be finalized, and priority will be given to upgrading the wiring at the Public Safety Headquarters, a key facility for emergency and law enforcement operations. In FY27, the building network performance assessments will continue and begin prioritizing replacement wiring based on programmatic needs, ensuring that departments with the most critical operational requirements are prioritized.

COST CHANGE

Addition of expenditures for FY31 and FY32.

PROJECT JUSTIFICATION

FiberNet is a critical infrastructure asset that provides carrier-class voice, video, internet access, and data network services for County government. The County has already invested and continues to invest millions of dollars for the installation of FiberNet3 and FiberNet edge equipment throughout the County. Wiring within a building ("inside wiring") connects all county employees and equipment within that building to the upgraded FiberNet backbone ("core") network. Old wiring restricts the amount of data that can be transmitted over it and increases the frequency and magnitude of service impacting issues. The existing wiring inhibits employees' ability to access the County's Information Technology and digital resources in a timely and efficient manner. Upgrading and modernizing this outdated wiring with new wiring will greatly increase the bandwidth and throughput capabilities of this infrastructure and improve service levels and reliability.

COORDINATION

All County Government Departments.



County Radio Life Cycle Replacement (P342301)

Category	General Government	Date Last Modified	01/07/26
SubCategory	Technology Services	Administering Agency	Technology Services
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Other	55,157	38,143	3,701	13,024	3,984	3,570	87	5,383	-	-	289
TOTAL EXPENDITURES	55,157	38,143	3,701	13,024	3,984	3,570	87	5,383	-	-	289

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Current Revenue: General	148	134	14	-	-	-	-	-	-	-	-
Short-Term Financing	55,009	38,009	3,687	13,024	3,984	3,570	87	5,383	-	-	289
TOTAL FUNDING SOURCES	55,157	38,143	3,701	13,024	3,984	3,570	87	5,383	-	-	289

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 27 Request	3,984	Year First Appropriation	FY23
Appropriation FY 28 Request	3,570	Last FY's Cost Estimate	55,157
Cumulative Appropriation	41,844		
Expenditure / Encumbrances	38,143		
Unencumbered Balance	3,701		

PROJECT DESCRIPTION

The County Radio Life Cycle Replacement Project is a critical initiative aimed at modernizing Montgomery County's aging public safety radio systems, which have reached the end of their expected 10-year service life. The project supports phased replacement of voice radio systems used by public safety and operational agencies including Police Department, Fire and Rescue Services, Office of the Sheriff, Department of Correction and Rehabilitation, Department of Transportation and the Maryland-National Capital Park and Planning Commission. These systems are essential for daily operations, emergency response, and interagency coordination.

ESTIMATED SCHEDULE

In FY26, the planned replacement includes 111 units for Fire and Rescue Services; 303 units for Police. The planned replacement for FY27 includes 250 units for Correction and Rehabilitation; 185 units for Fire and Rescue Services; 5 units for M-NCPPC; 173 units for Police; 8 units for Sheriff.

In FY28, the following are scheduled to be replaced: 85 units for Correction and Rehabilitation; 175 units for Fire and Rescue Services;

55 units for Police; 16 units for Radio Communications.

PROJECT JUSTIFICATION

The County's voice radio infrastructure supports critical communications for first responders and operational agencies. These systems are essential for daily operations, emergency response, and interagency coordination. The existing radio equipment is increasingly prone to failure, lacks modern security features, and is incompatible with newer technologies.

COORDINATION

Department of Technology and Enterprise Business Solutions (TEBS), Department of Correction and Rehabilitation, Fire and Rescue Services, Police, Sheriff, Department of Transportation and Maryland National Capital Park and Planning Commission.



FiberNet

(P509651)

Category	General Government	Date Last Modified	01/08/26
SubCategory	Technology Services	Administering Agency	Technology Services
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Planning, Design and Supervision	7,385	6,744	641	-	-	-	-	-	-	-	-
Land	4	4	-	-	-	-	-	-	-	-	-
Site Improvements and Utilities	19,257	17,149	1,748	360	60	60	60	60	60	60	-
Construction	31,233	9,548	2,731	18,954	3,647	3,647	2,915	2,915	2,915	2,915	-
Other	70,396	67,164	532	2,700	450	450	450	450	450	450	-
TOTAL EXPENDITURES	128,275	100,609	5,652	22,014	4,157	4,157	3,425	3,425	3,425	3,425	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Contributions	1,611	1,611	-	-	-	-	-	-	-	-	-
Current Revenue: Cable TV	69,099	69,026	73	-	-	-	-	-	-	-	-
Current Revenue: General	46,552	18,959	5,579	22,014	4,157	4,157	3,425	3,425	3,425	3,425	-
G.O. Bonds	8,866	8,866	-	-	-	-	-	-	-	-	-
PAYGO	2,147	2,147	-	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	128,275	100,609	5,652	22,014	4,157	4,157	3,425	3,425	3,425	3,425	-

OPERATING BUDGET IMPACT (\$000s)

Impact Type	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32
Program-Other	4,750	1,000	-	-	1,250	1,250	1,250
NET IMPACT	4,750	1,000	-	-	1,250	1,250	1,250

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 27 Request	4,157	Year First Appropriation	FY96
Appropriation FY 28 Request	4,157	Last FY's Cost Estimate	121,425
Cumulative Appropriation	106,261		
Expenditure / Encumbrances	102,563		
Unencumbered Balance	3,698		

PROJECT DESCRIPTION

The FiberNet project provides for the planning, design, and installation of a countywide electro-optical fiber communication network with the capacity to support voice, public-safety, traffic management, data, Internet access, wireless networking (including public WiFi), and video transmissions among Montgomery County Government (MCG), Montgomery County Public Schools (MCPS), Montgomery College (MC), Maryland National Capital Park and Planning Commission (M-NCPPC), Housing Opportunities Commission (HOC), and WSSC Water. FiberNet is the communications backbone for the Public Safety Radio and Public Safety Mobile Data Systems (collectively, Public Safety Communications System (PSCS), DOT's Advanced Traffic Management System (ATMS), and other technology implementations (including the 800 MHz IP public safety radio). Upgrades and replacements to electronic components in the core and at user sites extend the usefulness of outside fiber facilities. Core and user equipment must be periodically replaced and upgraded to harness the capabilities of technological evolution and to meet the expanding networking demands of FiberNet customers. FiberNet3 investments exponentially increased FiberNet's ability to support cloud services, resilient data storage and retrieval, and cost-effective access to high-speed broadband service. Video transmission will include distribution of public, education, government access channel, and selected cable programming.

ESTIMATED SCHEDULE

The FiberNet project delivers critical voice, video, data, Wi-Fi, and cable broadband services to 558 County, State, Municipal, Educational, and regional sites. It also supports essential operations, including 311 and 911 call centers, public safety communications, traffic management, and emergency services. Continued investment through the Capital Improvement Program (CIP) will enable the Office of Broadband Programs to expand the existing 650-route-mile network, extending services to additional department and agency locations currently reliant on third-party carriers. These enhancements will strengthen network performance, improve resiliency, and ensure greater uptime for mission-critical services. The FY27-FY32 funding will advance Phases II and III of the Business Continuity Strategic Plan to include the expansion of FiberNet to replace unreliable and costly third-party carrier service for key County sites as well as create diversified routes to increase network availability and address fiber shortages. And the expansion of the Hub fiber route along Maryland Route 28 will provide critical connectivity to the Poolesville and Dickerson communities, significantly enhancing public safety communications. This upgrade also creates an opportunity to extend service to the new data center complex in Frederick County, reinforcing regional economic development.

COST CHANGE

Addition of expenditures for FY31 and FY32 to this ongoing level of effort project.

PROJECT JUSTIFICATION

FiberNet is a core infrastructure asset enabling secure high-speed communication services across Montgomery County agencies. As more services are offered electronically (e-applications, e-payment, e-document, e-storage, e-learning), and more services require cloud-based services and applications, it is critical to have access to FiberNet throughout the County. A significant portion of internal building wiring, routers, switches, firewalls, and WiFi access points are beyond End of Life or End of Support. Critical equipment must be replaced to prevent intrusions and ensure compliance with cybersecurity standards. Investments will enhance failover recovery, ransomware protection, and disaster resilience. Upgrading current infrastructure will support the growing demand for e-government services, cloud access, and public WiFi.

FISCAL NOTE

In FY22: A supplemental appropriation request for \$7.2 million in Current Revenue: General was approved to offset declining Cable Fund revenues, which requires ongoing General Fund support starting in FY23.

In FY23-FY25: Montgomery Municipal Cable (MMC) contribution of \$1.0 million in capital funds for FiberNet, in exchange for

\$500,000 in operating funding. Additional funding added as an Enhancement in FY23-FY25 to fund Construction, Business Continuity and Equipment Modernization.

In FY24 to FY30, Revenue funding change from Current Revenue: Cable TV to Current Revenue: General because of declining Cable Fund revenues due to consumer shift from cable to streaming services.

DISCLOSURES

Expenditures will continue indefinitely.

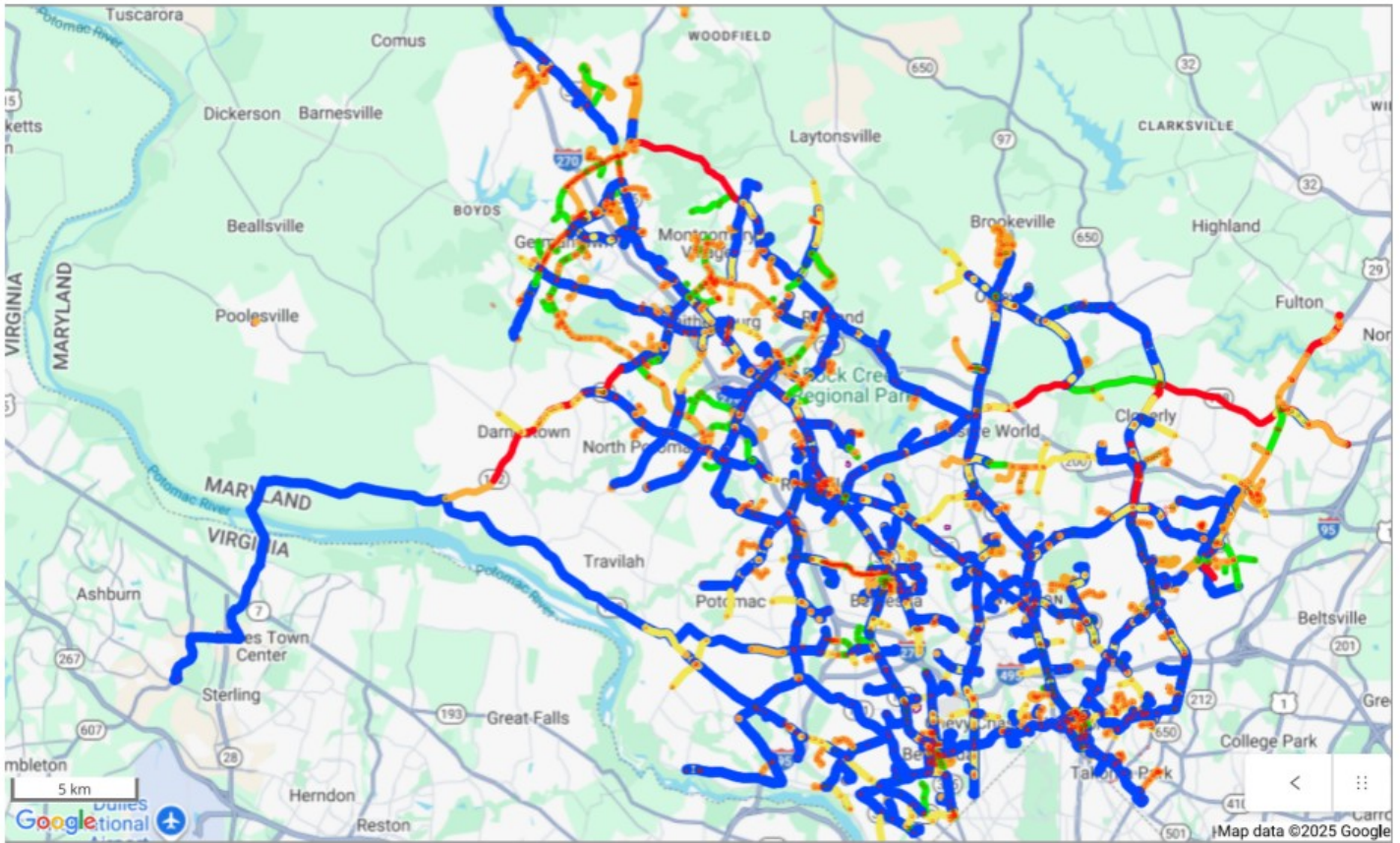
COORDINATION

Department of Technology and Enterprise Business Solutions (TEBS), Department of Transportation, Advanced Transportation Management System Project, Montgomery County Public Schools, Maryland National Capital Park and Planning Commission, Montgomery College, Housing Opportunities Commission, WSSC Water, Information Technology Policy Coordination Committee (ITPCC), ITPCC CIO Subcommittee, and Interagency Technology Advisory Group (ITAG); and supports ATMS, Traffic Signal System Modernization (TSSM) and Traffic Signal CIPs.



FiberNet Route Infrastructure FY2026

FiberNet Served Sites





Montgomery Connects

(P341700)

Category	General Government	Date Last Modified	12/29/25
SubCategory	Technology Services	Administering Agency	Technology Services
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Planning, Design and Supervision	4,221	573	2,156	1,492	812	136	136	136	136	136	-
Construction	24,862	8,849	13,045	2,968	248	544	544	544	544	544	-
Other	477	477	-	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	29,560	9,899	15,201	4,460	1,060	680	680	680	680	680	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Contributions	44	-	44	-	-	-	-	-	-	-	-
Current Revenue: Cable TV	11,047	5,854	1,020	4,173	773	680	680	680	680	680	-
Current Revenue: General	2,380	664	1,429	287	287	-	-	-	-	-	-
Federal Aid	16,089	3,381	12,708	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	29,560	9,899	15,201	4,460	1,060	680	680	680	680	680	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 27 Request	1,060	Year First Appropriation	FY16
Appropriation FY 28 Request	680	Last FY's Cost Estimate	28,200
Cumulative Appropriation	25,100		
Expenditure / Encumbrances	14,501		
Unencumbered Balance	10,599		

PROJECT DESCRIPTION

The Montgomery Connects CIP provides for capital funding to support Montgomery County's broadband connectivity initiatives. Internet service accessibility, affordability, and adoption are critical factors in driving economic development and full participation in the digital economy throughout the County. Funding will support planning, design, and construction of MoCoNet residential broadband in affordable housing developments; Public Wi-Fi and Advanced Wireless Conduit Networks in commercial and community gathering areas of Montgomery County; Innovation Testbeds for expansion of traffic, transit, and pedestrian sensors, Artificial Intelligence (AI) applications, Internet of Things (IoT), and cybersecurity innovation in Montgomery County; and the White Oak Science Gateway Conduit Network to provide broadband conduit infrastructure in Viva White Oak and other White Oak commercial development projects.

ESTIMATED SCHEDULE

In FY26, MoCoNet expanded to nine affordable housing developments, which offers service to 1,071 affordable apartments, including the redeveloped Department of Recreation headquarters, Allium Place Apartments, and opening soon at the Randolph Rd Condos developed with Habitat for Humanity. The majority of MoCoNet-served apartments are reserved for families earning less than the area median income. In FY26, MoCoNet will complete spending of \$15.1 million of federal funding and expand service to eleven locations, increasing service to a total of 3,948 affordable apartments. The East County Fiber Highway Phase II connections to the Inter-County Broadband Network in Howard County was completed in FY25 and Prince George's County will be completed in FY26. White Oak Science Gateway conduit construction will shift to FY28-FY30 performed concurrently with Viva White Oak development. Outreach with private partners for public Wi-Fi, AI pilots, initiatives with the Institute for Health Computing, advanced wireless, conduit, and testbeds in commercial and community gathering areas are ongoing.

COST CHANGE

Supplemental appropriation to continue expansion of free 300/300 Mbps MoCoNet residential broadband services to four affordable housing developments owned by the Affordable Homes and Communities and the Housing Opportunities Commission and the addition of expenditures for FY31 and FY32 in this level of effort project.

PROJECT JUSTIFICATION

Montgomery Connects is a broadband economic development program designed to ensure that businesses and residents have as much reliable, secure, and robust broadband service as they need to live, work, learn, and keep our economy moving at the speed of our ideas. Montgomery Connects works to bring broadband service, devices, and skills training to support County investments in affordable housing; expands access to competitive broadband services in commercial buildings to support small and large businesses; and leverages infrastructure development and strategic conduit and network deployment to create robust public Wi-Fi, public-private partnerships, and leasing of County broadband assets. Access to reliable broadband infrastructure throughout the County supports business growth and innovation in AI, biotech bio-health, cybersecurity, IT services, financial services, extended reality (XR), media and similar high-bandwidth-consuming sectors, and the growth of federal and state government, research, and higher education institutions.

OTHER

The Montgomery Connects CIP provides engineering, planning, and design work to support state and federal broadband grant applications.

FISCAL NOTE

In FY25, a correction was made to reflect intergovernmental funding as Federal Aid passed through the State and funding acceleration. FY25 supplemental appropriation in Federal Aid for the amount of \$4,629,208 and a special appropriation in Federal Aid for the amount of \$961,000. In FY26 supplemental in Contributions for the amount of \$43,656 from Affordable Homes and Communities, Federal Aid for the amount of \$6,128,167 from the Maryland Department of Housing and Community Development pass through the Federal Government American Rescue Plan Act of 2021.

DISCLOSURES

The County Executive asserts that this project conforms to the requirement of relevant local plans, as required by the Maryland

COORDINATION

FiberNet (P509651); Department of Technology and Enterprise Business Solutions (TEBS); Purple Line Department of Transportation; Maryland-National Capital Park and Planning Commission; Montgomery College; WSSC Water; Information Technology Policy Coordination Committee; Montgomery County Economic Development Corporation; and affordable housing developers in Montgomery County.





Public Safety System Modernization (P340901)

Category	General Government	Date Last Modified	12/29/25
SubCategory	Technology Services	Administering Agency	County Executive
Planning Area	Countywide	Status	Final Design Stage

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Planning, Design and Supervision	5,960	5,884	76	-	-	-	-	-	-	-	-
Construction	4,946	4,543	403	-	-	-	-	-	-	-	-
Other	96,645	95,214	1,431	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	107,551	105,641	1,910	-	-	-	-	-	-	-	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY25	Est FY26	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	Beyond 6 Years
Contributions	32	32	-	-	-	-	-	-	-	-	-
Current Revenue: General	11,205	10,584	621	-	-	-	-	-	-	-	-
Federal Aid	2,947	2,947	-	-	-	-	-	-	-	-	-
G.O. Bonds	47,805	47,805	-	-	-	-	-	-	-	-	-
PAYGO	2,902	2,902	-	-	-	-	-	-	-	-	-
Recordation Tax Premium (MCG)	3,093	3,093	-	-	-	-	-	-	-	-	-
Short-Term Financing	39,567	38,278	1,289	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	107,551	105,641	1,910	-	-	-	-	-	-	-	-

OPERATING BUDGET IMPACT (\$000s)

Impact Type	Total 6 Years	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32
Maintenance	3,837	624	624	624	655	655	655
Program-Staff	-	-	-	-	-	-	-
Program-Other	-	-	-	-	-	-	-
NET IMPACT	3,837	624	624	624	655	655	655

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 27 Request	(1,757)	Year First Appropriation	FY09
Appropriation FY 28 Request	-	Last FY's Cost Estimate	109,762
Cumulative Appropriation	109,308		
Expenditure / Encumbrances	106,967		
Unencumbered Balance	2,341		

PROJECT DESCRIPTION

The Public Safety System Modernization project will include replacement of the current CAD/RMS system, replacement of public safety mobile and portable radios, upgrade of non-public safety mobile and portable radios, and replacement of core voice radio communications infrastructure. The previously approved Fire Station Alerting System Upgrades project (CIP #451000) was transferred to this project in order to coordinate the upgrades with the new CAD system. The alerting system upgrades will modernize the fire station alerting systems at 43 existing work sites, maintaining the ability to notify fire and rescue stations of emergencies. The alerting system, including audible and data signals, is essential for the notification of an emergency and the dispatch of appropriate response units from the County. As voice, data, and video are beginning to converge to a single platform, this project will provide a pathway to a modern public safety support infrastructure that will enable the County to leverage technology advances and provide efficient and reliable systems for first responders. This project will follow the methodologies and strategies presented in the Public Safety Systems Modernization (PSSM) plan completed in July 2009.

ESTIMATED SCHEDULE

The infrastructure update for the Public Safety Radio System was completed in March 2021. The installation of the desktop radio consoles for the Alternate Emergency Communications Center and CAD A3 integration was completed in FY24.

COST CHANGE

Remaining funding for this project will be transferred to the Police Enterprise RMS project (472703) to complete implementation of the Law Enforcement Records Management System, the final phase of the PSSM project scope.

PROJECT JUSTIFICATION

The County's public safety infrastructure-including the Computer-Aided Dispatch (CAD) system, voice radio communications, and fire station alerting systems-requires urgent modernization to meet current operational demands, ensure reliable emergency response, and maintain interoperability with regional partners. Legacy systems have reached end-of-life, lack vendor support, and pose risks to public safety operations. The legacy CAD system was no longer capable of supporting the County's emergency response needs, resulting in delays in dispatching first responders to 9-1-1 calls. The voice radio system is no longer covered under manufacturer support as of December 31, 2009, jeopardizing system reliability and access to replacement parts and technical expertise. Fire station alerting systems were found to have inadequate maintenance support and spare parts, threatening the continuity of fire/rescue operations. The CAD Roadmap Study (2009) recommended system replacement to support Next Generation 9-1-1 capabilities. The modernization aligns with the MCFRS Master Plan (2005) and the Station Alerting and Public Address System Rev 1 (2006). Supports County goals for regional interoperability, resilience, and public safety excellence. Continued reliance on unsupported systems increases the risk of system failure, communication breakdowns, and delayed emergency response. Improved dispatch and communications infrastructure enhance response times, situational awareness, and coordination across agencies. Modernization ensures compliance with FCC 800 MHz rebanding mandates, reducing legal and operational risks. Modernizing the County's public safety systems is a critical investment in the safety and well-being of residents and first responders. The project addresses aging infrastructure, aligns with strategic plans, mitigates operational risks, and positions the County for future technological advancements in emergency communications.

OTHER

Prior to FY25, this project was located in the County Offices Sub-Category.

FISCAL NOTE

In FY09, funding included Urban Area Security Initiative (UASI) grant funds totaling \$2.055 million and the Fire Act grant funds totaling \$988,000. FY18 supplemental in Contributions for the amount of \$32,000 for additional equipment required for Local Fire Rescue Departments (LFRDs). FY18 funding switch of \$283,000 from is due to a transfer of Current Revenue General for \$283,000 from Technology Modernization (MCG) project offset by an equal reduction in Short-term Financing. In FY22, a \$2.0 million transfer to a Dickerson Radio Tower project (342302). FY22 funding switch reduced Short-term Financing and increased Recordation Tax by \$293,000. FY23 funding switch reduced Short-Term Financing and increased Current Revenue by \$2.366 million because software as a service is not financeable. In FY27, funding will be shifted to the Police Enterprise RMS (472703) project and \$454,000 in GO Bonds will be transferred to the Roof Replacement Project (508331).

COORDINATION

Executive Steering Committee will be formed with Executive Program Directors, Department of Technology and Enterprise Business Solutions (TEBS), Department of Police, Sheriff's Office, Department of Correction and Rehabilitation, Office of Emergency Management and Homeland Security, Gaithersburg Police, Rockville Police, States Attorney Office, Maryland-National Park and Planning Commission (M-NCPPC) Park Police, Takoma Park, and Washington Metropolitan Area Transit Authority(WMATA).