



Next Generation Technology Refresh

(P342702)

Category	General Government	Date Last Modified	05/07/26
SubCategory	Technology Services	Administering Agency	Technology Services
Planning Area	Countywide	Status	Planning 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
Other	5,200	-	-	5,200	2,600	2,600	-	-	-	-	-
TOTAL EXPENDITURES	5,200	-	-	5,200	2,600	2,600	-	-	-	-	-

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
Short-Term Lease Financing	5,200	-	-	5,200	2,600	2,600	-	-	-	-	-
TOTAL FUNDING SOURCES	5,200	-	-	5,200	2,600	2,600	-	-	-	-	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 27 Request	2,600	Year First Appropriation	
Appropriation FY 28 Request	2,600	Last FY's Cost Estimate	-
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

PROJECT DESCRIPTION

The Next Generation Technology Refresh project is a strategic initiative designed to ensure Montgomery County's network infrastructure remains current, secure, and aligned with evolving business and technological demands. Funding will support a structured, lifecycle-based approach to maintaining modern, high-performing network systems that support digital transformation, cloud integration, information security, business continuity, and future innovation. Upgrades include cable infrastructure, multiprotocol label switching networks, switches/routers, firewalls, wireless network, uninterrupted power supplies, and power distribution units, that are not included in the FiberNet or County Building Network Wiring project.

ESTIMATED SCHEDULE

Five buildings were identified for replacement of outdated Passive Optical Network equipment to be upgraded with FiberNet: 1) 1401 Rockville Pike, 2) Multiagency Public Safety/Public Safety Training Academy, 3) Council Office Building, 4) Wheaton Regional Building, and 5) Wheaton Library/Recreation Center. Replacement work will begin based on programmatic needs, ensuring that departments with the most critical operational requirements are prioritized. In FY27, TEBS will prioritize upgrading the Multiagency Public Safety/Public Safety Training Academy to FiberNet, and in FY28 will complete the upgrade at 1401 Rockville Pike.

PROJECT JUSTIFICATION

This project will upgrade existing end-of-life network equipment and proactively replace aging equipment with next-generation technology that will deliver enhanced performance, reliability, scalability, and improved security. By implementing a continuous refresh cycle, the County will reduce risk associated with hardware and software obsolescence, enhance performance and uptime through improved throughput, resiliency, and automation capabilities, and ensure compliance with cybersecurity and operational standards.

COORDINATION

Department of Technology and Enterprise Business Solutions, Department of Transportation, Office of Agriculture Services, Alcohol Beverage Services, Office of Animal Services, Community Use of Public Facilities, Department of Correction and Rehabilitation, Board of Elections, Department of General Services, Department of Health and Human Services, Department of Police, Montgomery County Public Libraries, Department of Recreation, Fire and Rescue Services, Consumer Protection, County Council, Labor Relations, Department of Environmental Protection, Montgomery County Public Schools, and Maryland-National Capital Park and Planning Commission (M-NCPPC).