

Approved June 15, 2022

visualize
2045 A long-range
transportation plan
for the National
Capital Region

APPENDIX B

Summary of Projects in the Financially Constrained
Element

June 2022



National Capital Region
Transportation Planning Board

Road - New Construction

Project ID	Title	Cost (\$M)	Complete
T3542	MD 355 Phase 2 Highway Reconstruction	\$105.25	2045

Primary Project Type
Road - New Construction

Location Type:
Road Segment

Route Facility
Montrose Parkway

From: Randolph Road To
 East of Parklawn Drive

County
Montgomery

Municipality

Description
 Construction of Montrose Parkway, including a CSX Railroad grade-separated crossing and interchange at Parklawn Drive.

This project is programmed in the TIP. Total amount programmed FY 2023 - 2026: **\$105.253 M**

Project ID	Title	Cost (\$M)	Complete
T3703	Montrose Parkway East	\$119.89	2045

Primary Project Type
Road - New Construction

Location Type:
Road Segment

Route Facility
Montrose Parkway East

From: MD 355/Montrose Interchange To
 Veirs Mill Road/Parkland Road Intersection

County
Montgomery

Municipality

Description
 This project provides for a new four-lane divided parkway as recommended in the North Bethesda / Garrett Park and Aspen Hill Master Plans. The roadway will be a closed section with 11-foot wide lanes, a 10-foot wide bikepath on the north side and a 5-foot wide sidewalk on the south side. The project includes a 350-foot bridge over Rock Creek. The roadway limits are between the eastern limit of the MD 355/Montrose interchange on the west, and the intersection of Veirs Mill Road and Parklawn Drive on the east. The project includes a bridge over CSX, a grade-separated interchange at Parklawn Drive, and a tie-in to Veirs Mill Road. This project will relieve traffic congestion on roadways in the area through increased network capacity. The project also provides improved safety for motorists, pedestrians, and bicyclists, as well as a greenway.

This project is programmed in the TIP. Total amount programmed FY 2023 - 2026: **\$119.89 M**

Project ID	Title	Cost (\$M)	Complete
T5986	White Flint District West: Transportation & West Workaround	\$133.78	2030

Primary Project Type
Road - New Construction

Location Type:
Road Segment

Route Facility
White Flint District West: Transportation & West Workaround

From: To

County
Montgomery

Municipality

Description

This project provides for engineering, utility design, and land acquisition for one new road, one relocated road, improvements to three existing roads, and one new bikeway in the White Flint District area for Stage 1. The project also includes both design and future construction expenditures for the reconstruction of Rockville Pike and Hoya Street. Various improvements to the roads will include new traffic lanes, shared-use paths, undergrounding of overhead utility lines where required, other utility relocations and streetscaping. The new White Flint West Workaround project (CIP #501506) continues funding for several western workaround road projects. The following projects are funded through FY14 for final design: 1. Main Street/Market Street (B-10) Old Georgetown Road (MD 187) to Woodglen Drive new two-lane 1,200 foot roadway. 2. Main Street/Market Street (LB-1) Old Georgetown Road (MD 187) to Woodglen Drive new 1,200 foot bikeway. 3. Executive Boulevard Extended (B-15) Marinelli Road to Old Georgetown Road (MD 187) 900 feet of relocated four-lane roadway. 4. Intersection of Hoya Street (formerly 'Old' Old Georgetown Road) (M-4A), Old Georgetown Road, and Executive Boulevard, including the approaches to Old Georgetown Road. The following projects are proposed for both design and construction in the FY19-20 and Beyond 6-Years periods: 5. Rockville Pike (MD 355) (M-6) Flanders Avenue to Hubbard Drive 6,300 feet of reconstructed 6-8 lane roadway. 6. Hoya Street (M-4A) Montrose Parkway to the intersection of Old Georgetown Road 1,100 feet of reconstructed four-lane roadway. This project also provides for analysis and studies necessary to implement the district. Design is underway on all road projects in the western workaround, with the exception of the Rockville Pike segment, and will conclude in FY15 (FY15 design is funded through White Flint West Workaround). Design of the Rockville Pike section will begin in FY19 and will conclude in FY21 in order to coordinate with the implementation of the Rapid Transit System (RTS) (CIP #501318). Some property acquisition may occur on this section in FY20. The current expenditure/funding schedule assumes that land needed for road construction will be dedicated by the developers.

This project is programmed in the TIP. Total amount programmed FY 2023 - 2026: **\$133.784 M**

Study/Planning/Research

Project ID	Title	Cost (\$M)	Complete
T5987	White Flint Traffic Analysis and Mitigation	\$1.65	2030

Primary Project Type
Study/Planning/Research

Location Type:
Various Locations

Route Facility
White Flint Traffic Analysis and Mitigation

From: To
White Flint Sector Plan and Surrounding Area

County
Montgomery

Municipality

Description

This project is programmed in direct response to requirements of the Approved White Flint Sector Plan. It is composed of three components with the overall goal of mitigating the traffic impacts on communities and major intersections outside of, and surrounding, the White Flint Sector Plan area that will occur as a result of the redevelopment densities approved under the Approved White Flint Sector Plan. These components include: A. Cut-through traffic monitoring and mitigation B. Capacity improvements to address congested intersections C. A study of strategies and implementation techniques to achieve the Sector Plan's modal split goals. The modal split study will identify specific infrastructure projects to create an improved transit, pedestrian, and biking infrastructure; and programs needed to accomplish the mode share goals; determine funding sources for these strategies; and determine the scope and cost of project components. Transit, pedestrian, bicycle access, safety studies, and TDM planning and implementation efforts are required to facilitate White Flint's transition from a highly automobile oriented environment to a more transit, pedestrian, and bicycle friendly environment. Once specific improvements are identified and concepts developed, detailed design and construction will be programmed in a stand alone PDF.

This project is programmed in the TIP. Total amount programmed FY 2023 - 2026: **\$1.652 M**

Active Transportation- ITS/Technology

Project ID	Title	Cost (\$M)	Complete
T3065	Advanced Transportation Management System	\$6.03	

Primary Project Type
Active Transportation- ITS/Technol

Location Type:
Other

Route Facility
Advanced Transportation Management System

From: To

County
Montgomery

Municipality

Description

This project provides for Advanced Transportation Management Systems (ATMS) in the County. The ATMS deploys the infrastructure to conduct real-time management and operations of the County's transportation system. Twenty-two National Intelligent Transportation Architecture market packages have been identified for deployment of the ATMS. Each of these market packages is considered a subsystem of the ATMS program and may include several elements. These subsystems are identified in the ATMS Strategic Deployment Plan, dated February 2001, and revised July 2011. One aspect of this project will focus on improving pedestrian walkability by creating a safer walking environment, utilizing selected technologies and ensuring ADA compliance.

This project is programmed in the TIP. Total amount programmed FY 2023 - 2026: **\$6.032 M**

Project ID	Title	Cost (\$M)	Complete
T5985	White Flint District East - Transportation	\$29.69	2030

Primary Project Type
Road - New Construction

Location Type:
Various Locations

Route Facility
White Flint District East

From: To

County
Montgomery

Municipality

Description

This project provides for completion of preliminary engineering to 35% plans for three new roads and one bridge in the White Flint District East side area as follows: PROJECT 1 Executive Blvd. Extended East (B-7): MD 355 (Rockville Pike) to New Private Street (Construct 1100' of 4-lane roadway) PROJECT 2 Executive Blvd. Extended East (B-7): New Private Street to new Nebel Street Extended. (Construct 600' of 4-lane roadway) PROJECT 3 Nebel Street (B-5): Nicholson Lane South to combined property (Construct 1,200' of 4-lane roadway) PROJECT 4 Bridge across White Flint Metro Station on future MacGrath Boulevard between MD 355 and future Station Street. (Construct 80' long 3-lane bridge) The vision for the White Flint District is for a more urban core with a walkable street grid, sidewalks, bikeways, trails, paths, public use space, parks and recreational facilities, mixed-use development, and enhanced streetscape to improve the areas for pedestrian circulation and transit oriented development around the Metro station.

This project is programmed in the TIP. Total amount programmed FY 2023 - 2026: **\$29.69 M**

Project ID	Title	Cost (\$M)	Complete
T5986	White Flint District West: Transportation & West Workaround	\$133.78	2030

Primary Project Type
Road - New Construction

Location Type:
Road Segment

Route Facility From: To

White Flint District West: Transportation & West Workaround

County Municipality

Montgomery

Description

This project provides for engineering, utility design, and land acquisition for one new road, one relocated road, improvements to three existing roads, and one new bikeway in the White Flint District area for Stage 1. The project also includes both design and future construction expenditures for the reconstruction of Rockville Pike and Hoya Street. Various improvements to the roads will include new traffic lanes, shared-use paths, undergrounding of overhead utility lines where required, other utility relocations and streetscaping. The new White Flint West Workaround project (CIP #501506) continues funding for several western workaround road projects. The following projects are funded through FY14 for final design: 1. Main Street/Market Street (B-10) Old Georgetown Road (MD 187) to Woodglen Drive new two-lane 1,200 foot roadway. 2. Main Street/Market Street (LB-1) Old Georgetown Road (MD 187) to Woodglen Drive new 1,200 foot bikeway. 3. Executive Boulevard Extended (B-15) Marinelli Road to Old Georgetown Road (MD 187) 900 feet of relocated four-lane roadway. 4. Intersection of Hoya Street (formerly 'Old' Old Georgetown Road) (M-4A), Old Georgetown Road, and Executive Boulevard, including the approaches to Old Georgetown Road. The following projects are proposed for both design and construction in the FY19-20 and Beyond 6-Years periods: 5. Rockville Pike (MD 355) (M-6) Flanders Avenue to Hubbard Drive 6,300 feet of reconstructed 6-8 lane roadway. 6. Hoya Street (M-4A) Montrose Parkway to the intersection of Old Georgetown Road 1,100 feet of reconstructed four-lane roadway. This project also provides for analysis and studies necessary to implement the district. Design is underway on all road projects in the western workaround, with the exception of the Rockville Pike segment, and will conclude in FY15 (FY15 design is funded through White Flint West Workaround). Design of the Rockville Pike section will begin in FY19 and will conclude in FY21 in order to coordinate with the implementation of the Rapid Transit System (RTS) (CIP #501318). Some property acquisition may occur on this section in FY20. The current expenditure/funding schedule assumes that land needed for road construction will be dedicated by the developers.

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