

Howard County
Capital Budget FY 2026

Council Work Session No.2

“Drain, Road, Sidewalk & Traffic”

Department of Public Works
April 23, 2025

Storm Drainage (D Projects) - D-1177/D-1178

Lead Bureau: Environmental Services

Bureau Chief: Mark DeLuca

Subject Matter Expert: Mark Richmond

- Funding Request FY26 = \$12.64M for D-1177 and \$2.2M for D-1178
- Repair of failing pond infrastructure (D-1177) and pond repair/water quality retrofit (D-1178)
- Funding Source = Watershed Fee and Watershed Bonds
- Start 7 to 8 new pond repairs annually
- Beneficial impact - Bring failing ponds up to current standards, improve water quality, and enhance public safety



Storm Drainage (D Projects) - D1184 – Green Streets Program

Lead Bureau: Engineering

Bureau Chief: Daniel Davis

Subject Matter Expert: Abdul Akbari

Program Update:

- Initiated assessment of the County's paving and utility project list for FY26 and beyond.
- Identifying locations where Green Streets infrastructure could be implemented.
- Planning design completion at least two seasons in advance of County paving and utility projects:
 - Prevents schedule delays.
 - Provides ample time for Green Streets planning.



Road Construction (J Projects) – J4167 and J4211

Lead Bureau: Engineering

Bureau Chief: Daniel Davis

Subject Matter Expert: Abdul Akbari



J4167 - Broken Land Pkwy/Snowden River Pkwy Intersection Improvements



J4211 - Gorman Road/Skylark Blvd Roundabout

- Beneficial impact
 - Addresses critical safety and/or capacity issues
 - Enhanced road condition
 - Work typically includes pedestrian and bicycle facilities
- Key Funding Request FY26
 - J4167 – \$2.569M
 - J4205 – \$4.754
 - J4211 - \$1.627
 - J4215 - \$956K

Road Resurfacing (H Projects)

Lead Bureau: Highways

Bureau Chief: Kris Jagarapu

Subject Matter Expert: Kris Jagarapu, Mark Kovach



- Beneficial impact
 - Improved safety and roadway surface
 - Address minor drainage concerns
 - Reduces tree hazards along roadways
 - Work typically includes upgrading pedestrian and bicycle amenities

Funding Request FY26

- \$15.09M

Bridge (B Projects)

Lead Bureau: Engineering

Bureau Chief: Daniel Davis

Subject Matter Expert: Abdul Akbari



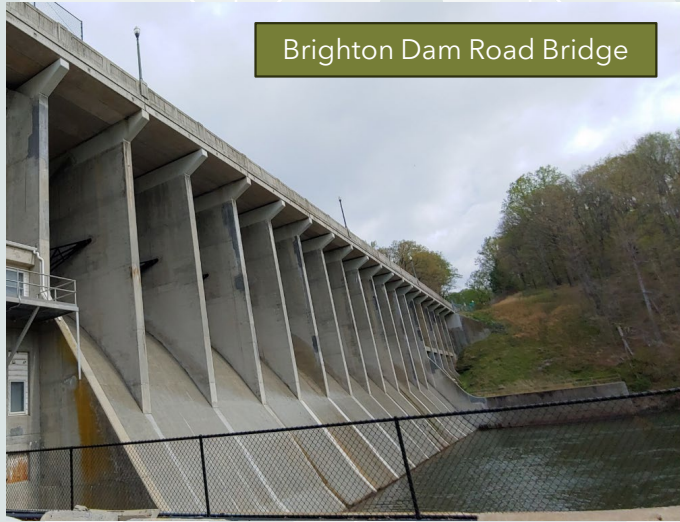
**B3835 - Henryton Road Bridge Replacement Project
– MDQI Award Recipient**



- Funds the repair, replacement, and rehabilitation of bridges, culverts, and retaining walls.
- Funds the preventative maintenance of the structures to extend service life.

Bridge (B Projects) - FY 26 New Capital Project – B3864 Border Bridge Program

Lead Bureau: Engineering
Bureau Chief: Daniel Davis
Subject Matter Expert: Abdul Akbari



Brighton Dam Road Bridge



O'Connor Road Bridge

- **Program Overview:**
 - A program to fund the County cost share for the rehabilitation and replacement of border bridges (bridges that connect the roadway network with adjacent Counties).
- **Funding for Border Bridge Projects:**
 - Currently B3853 Program is funding Howard County's share of costs for all active border bridge rehabilitation/replacement projects managed by adjacent counties.
 - Howard County normally shares 50% of the design and construction costs for border bridges. Howard County is also entirely responsible for any right-of-way needs on the Howard County side of the project.
- **Active Border Bridge Projects Managed by Adjacent Counties:**
 - Brighton Dam Road over Brighton Dam (Montgomery County) – Rehabilitation
 - Furnace Ave. over Deep Run (Anne Arundel County) – Replacement
 - O'Connor Road over Deep Run (Anne Arundel County) – Replacement
 - Hanover Road over Deep Run (Anne Arundel County) – Replacement

Sidewalk (K Projects)

Lead Bureau: Engineering, Highways, Office of Transportation

Bureau Chiefs: Daniel Davis, Kris Jagarapu, Clarence Dickerson

Subject Matter Experts: Abdul Akbari, Kris Jagarapu, Chris Eatough

Before



After



- Funding Request FY26
 - \$12.285 million in county funding, \$3.5 million in grant funding
- Beneficial impact
 - Implement County's Complete Streets initiative, Pedestrian Master Plan and Bicycle Master Plan
 - Continue to improve walkability and bikeability in the County
 - Repair damaged/aged infrastructure

Before



After



Traffic (T Projects) - T7089 Neighborhood Traffic Calming

Lead Bureau: Highways - Traffic Engineering Division

Bureau Chief: Kris Jagarapu

Subject Matter Expert: Jennifer Woo



Thunder Hill Road (south of MD 175)

- Funding Request FY 26:
- \$800,000
 - 262 Neighborhood Traffic Calming Applications received to date from issuance of 2024 *Howard County DPW Residential Speed Calming Policy*
- Beneficial Impact:
- This project is for construction of minor geometric roadway changes to reduce traffic speeding in residential areas.
- Projects to begin FY 25 (construction cost only)
 - Hanover Road (\$50,000)
 - Furnace Avenue (\$16,000)
 - Phelps Luck Drive/High Tor Hill (\$130,000)
 - Dorchester Way (\$67,000)
- Engineering funds spent to date for above projects and Traffic Calming Application evaluations: \$65,000 design and \$150,000 data collection

T7106 INTERSECTION OR CORRIDOR SAFETY IMPROVEMENT PROGRAM

Lead Bureau: Highways - Traffic Engineering Division
Bureau Chief: Kris Jagarapu
Subject Matter Expert: Jennifer Woo



Old Montgomery
Road at Tamar
Drive Roundabout

Funding Request FY 26:

- \$350,000
 - to continue to design of Phase 2 of the Cradlerock Way Complete Streets project

Beneficial Impact:

- This project is for the study, design and construction of geometric and pedestrian modifications to improve the safety at various intersections or corridors, and may also be used for traffic monitoring studies
- Geometric modifications to existing facilities may reduce driver error and crashes and may improve nonmotorist safety

Thank you