

Department of Public Works and Transportation
ANNUAL REPORT

2019-2020



www.princegeorgescountymd.gov/1002/Public-Works-Transportation

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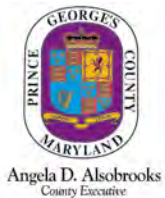


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DIRECTOR'S INTRODUCTION

The Prince George's County Department of Public Works & Transportation's (DPW&T) goal remains to "Get to Zero" in all areas of our operations and planning. "Get to Zero" started with our Vision Zero campaign aimed at reducing the number of fatalities on both County-owned roadways, as well as State Highway Administration roadways. "Get to Zero," in reference to transit operations, aims to explore the use of electric hybrid propulsion systems that will assist our buses in operating more efficiently. The use of this propulsion system will also serve as a catalyst to reach the goal of transit-related emissions decreasing to zero.



Terry L. Bellamy

Director, Department
of Public Works &
Transportation

Prince George's County,
Maryland

During the past several months, as we approached the end of Fiscal Year 2020, the COVID-19 pandemic arose and required preventive measures to be put in place for the safety of our residents, visitors and employees. The measures grew more restrictive as it became apparent that drastic action was necessary to flatten the curve. In addition, these measures compelled us to turn our attention to the frontline workers who serve in the healthcare industry, as first responders, within supply chains, and in restaurants, grocery stores and the transit industry. They have and will continue to, receive our gratitude for helping keep both Prince George's County and the State of Maryland functional through this crisis.

There is one group of professionals who have worked tirelessly on our behalf to maintain the public infrastructure, provide transportation to our seniors and the medically challenged population, and deliver hundreds of meals a week to our aging

population – our team at DPW&T. When a crisis strikes, the public can always depend on DPW&T to help pull our community through. We work tirelessly to support our community by finding innovative ways to continue to deliver our services in a timely and effective manner.

Even during this global pandemic, DPW&T continues to resurface roadways, remove, replace and build sidewalks, and provide fixed route and paratransit public transportation. We have expanded our asphalt preservation program to keep well-paved roads up to standard and bring damaged roads back to optimal operation.

Additionally, our staff continues to inspect walkways to remove trip hazards on our sidewalks using low cost maintenance. Also, throughout the pandemic we have continued to assure that patients are safely transported to dialysis and other critical medical appointments, and that homebound



seniors are provided with the meals that they need each and every week. Over the course of the year, our work has been driven by the County's commitment to "Service First" and improving the quality of life in Prince George's County.

By leveraging resources, DPW&T has empowered our team of next generation leaders to be good stewards of the County's resources. We have proactively started writing grants to expand our presence in the region and secure funding to improve programs and services. Crucial issues that we tackled include: improving sidewalks, building bicycle facilities and the launch of our "Bike + Walk" network plan, which shares best practices and provides a host of opportunities for learning from and with our residents.

DPW&T understands that the future of mobility will be different than the mobility of today. When it comes to funding transportation improvements, it requires strong partnerships, advocacy from key stakeholders, and ingenuity in allocating resources needed to design, build and maintain the underlying structures necessary to support Prince George's County residents.

The Department has made it our mission to focus our collective efforts on preventing and resolving systemic problems, working with our partners to keep our County clean, removing illegal dumping sites, and providing opportunities that enhance the standard of health, comfort, and happiness of our County residents with our "Walk, Bike, Ride" Program. We look forward to continuing our success and innovation for years to come. Thank you for allowing us to promote and carry out Prince George's County's core values.



2020 ACHIEVEMENTS

7,025

street trees planted

13,992

trees trimmed

33,054

potholes filled

4,074

beautification
volunteers

27

bridges
inspected

3,485+

trees, shrubs and
flowers planted

69,340

pounds of trash collected
in a single day

1,519

tons of litter cleaned up

34.6 miles of
roadway
resurfaced

13 miles of slurry
seal applied

951

high risk street
trees removed

6,343

tree stumps removed

80 drainage
complaints
addressed



DPW&T BY THE NUMBERS: WORKFORCE DEVELOPMENT AND TRAINING

Investing in Our Staff: A laser focus on workforce development and training programs to include career development, performance management and employee relations.

17 ↗

internal promotions

1-45+ ↗

years of DPW&T employee service recognized

83 ↗

full life cycle recruitment efforts conducted for new hires

50+

Summer Youth Enrichment Program students across every



division and office to support county-wide initiatives like the Vision Zero campaign, bike and pedestrian program expansion and DPW&T social media

Increased ↗

partnerships with external vendors/ organizations to include the Prince George's County Office of Veteran Affairs, Employ Prince George's and Vehicles for Change to assist with filling positions for the Department



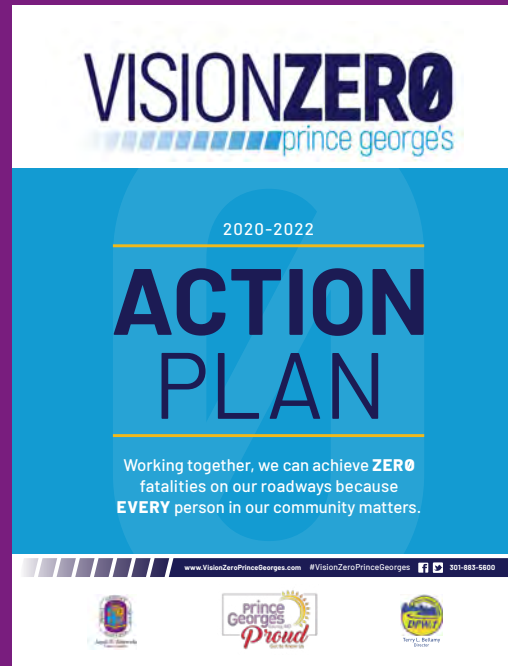


VISION ZERO PRINCE GEORGE'S

The first year of the Vision Zero Prince George's initiative has led to even more safety improvements to our streets. Across the County, government partners and community members have come together to save lives. The goal is to eliminate fatalities and serious injuries on our roadways by 2040.

Initially, the Vision Zero Prince George's Steering Committee launched the Two-Year Action Plan. We want to keep the public informed, continue to seek feedback on both the plan and its implementation and continue to promote the roadway safety pledge and other outreach and education efforts. The Enforcement, Data and Crash Review Task Force supported the first Data Story Map (developed in partnership with students from the University of Maryland) and an up-to-date High Injury Network, to spotlight roadway segments where a high concentration of traffic collisions result in severe injuries and fatalities, particularly with an emphasis on people walking and biking. This data-driven approach is the basis for focusing the County's resources. We are building on our continued collaboration with the Maryland Department of Transportation, State Highway Administration/Maryland Highway Safety Office.

Over the last year, Steering Committee members attended impactful webinars sponsored by the Vision Zero Network, University of North Carolina's Highway Safety Research Center, Federal Highway Administration, and Metropolitan Washington Council of Governments, exploring many resources as we build on the County's Culture of Safety and implement Vision Zero strategies. The County supports a regional collaboration with City of Alexandria, Arlington County, D.C. and Montgomery County to exchange best practices, lessons and up-to-date information as we adapt to the changing landscape amid the COVID-19 pandemic.



The development of the **Action Plan** highlights the County's commitment to providing safe streets for all users and reducing fatalities and severe injuries on the roadways. The Action Plan is our roadmap for the next two years, in order to reach the long-term goal, Vision Zero, by 2040.

Visit: www.VisionZeroPrinceGeorges.com



The **Data Story Map** is a way for the community to view the County's crash data and track progress toward zero. The Story Map includes an interactive feature that can be used to sort crashes by type, year and outcome.



CULTURE OF SAFETY

We have done a tremendous amount of work to establish a centralized model for safety and risk management. The Safety and Risk Officers have been highly effective in the office and field regarding assessing, reporting and administering crucial state and federal initiatives. All levels of management and frontline employees are committed to safety and recognize this as a primary responsibility. The value added by partnerships with SHA, MTA, MDOT and DOT also are noteworthy. Throughout the Department, there have been a number of vital safety trainings conducted (wheelchair lift training, heavy equipment operation safety protocols, etc.) that are highlighted below.

240 

DPW&T employees completed the Distracted Driving Course

58 

DPW&T employees completed the Defensive Driving Course

Maryland Occupational Safety and Health Act (MOSHA) Inspection:  in 2019, successfully completed required safety mitigations for facilities.

If You See Something Say Something®  Safety Awareness Blitz held in September focused on how to report suspicious activity, be aware of your surroundings and recognize signs of human trafficking.

Federal Transit Administrations' Public Transportation Agency Safety Plan Workshop:  The Risk and Safety Officers and the Associate Director of Transportation learned about setting safety performance targets, confidential employee reporting, hazard identification and safety communications.



PUBLIC INFORMATION OFFICE (PIO)

PIO amplifies the Culture of Safety throughout the year with outreach events and social media campaigns.

- Published "The Dispatch" newsletters, available on the DPW&T website and mailed electronically to community members
- Hosted the Community Partners meeting
- Follow DPW&T on social media: Facebook, Twitter and Instagram





FY2021 BUDGET PROGRAMS AND AWARDS



Capital Budget

Funding	Programs
\$55,439,000	General Obligation Bond
\$32,500,000	Stormwater Bond

The Capital Budget includes approximately 60 projects. Additional funding is programmed for enhanced development in our communities through our Developer Contribution Programs.



General Fund Operating Budget

Budget	Segment
\$17,272,700	Compensation
\$6,425,400	Fringe
\$54,935,100	Operating
\$8,708,400	Capital
\$71,690,100	Recoveries

The Enterprise Fund budget includes:

\$8,835,300	Compensation
\$4,530,900	Fringe
\$4,452,100	Operating (mostly operational contracts for stormwater management)





FY2021 BUDGET PROGRAMS AND AWARDS



Grant Awards

DPW&T received a wide range of grants in FY2019 and FY2020

Awarded Amount	Program
\$2,200,000	FY2019 Low or No-Emission (Low-No) Bus Program
\$250,000	FY2019 State Transit Innovation Grant (STIG) Micro-Transit Expansion and Bus Rapid Transit Feasibility Studies
\$257,700	FY2019 Medical Assistance Mobility Enhancement Pilot Program
\$172,700	FY2019 Enhanced Mobility Program
\$1,900,000	FY2019 Calverton Channel Rehabilitation Project
\$269,100	FY2020 Ridesharing/Commuter Assistance Program
\$169,500	FY2020 Employer Outreach
\$15,167,000	FY2020 Maryland Department of Transportation Maryland Transit Administration (MDOT MTA) Operating Grants (Public Transportation Programs, Americans with Disabilities Act Funding Program and Statewide Special Transportation Assistance Program, Washington Suburban Transit Commission)
\$14,200,000	FY2020 Coronavirus Aid, Relief, and Economic Security (CARES) Act
\$160,000	FY2020 Transportation Land-Use Award for Pedestrian and Bicycle Safety and Access Improvement Projects

Grant Tools

➤ THE GRANTS' REPOSITORY

facilitates performance evaluation and management.

➤ **DASHBOARD** offers a real-time look into DPW&T's grants landscape.

➤ TRANSPORTATION

TRANSIT OPTIONS SURVEY FINDINGS AND THE FUTURE OF MOBILITY

The future of mobility in Prince George's County is bright and we plan to emerge stronger than before. We are using new data gathered from our public survey and real-time feedback to shape future service. So far, we have learned that the public needs to feel safe again in order to embrace public transit. We value our riders and want to improve the overall experience by constantly reassessing service, using new technology and continuing to institute safety measures that put the well-being of our employees and customers first.

We operate TheBus, Call-A-Bus (our paratransit service) and Call-A-Cab. TheBus is comprised of fixed routes that cover more than 10,000 miles throughout the County. All TheBus and Call-A-Bus services are accessible and accept use of portable oxygen, respirators, and concentrators. Learn more about our current and future services at the DPW&T Transportation Hub, which makes it easy to commute on all modes of public transportation. Visit <https://arcg.is/1SSDrG>.

2,233,869 ➤

TheBus annual ridership

63,745 ➤

Call-A-Bus annual trips

401 ➤

bus shelters





BIKESHARE IN PRINCE GEORGE'S COUNTY

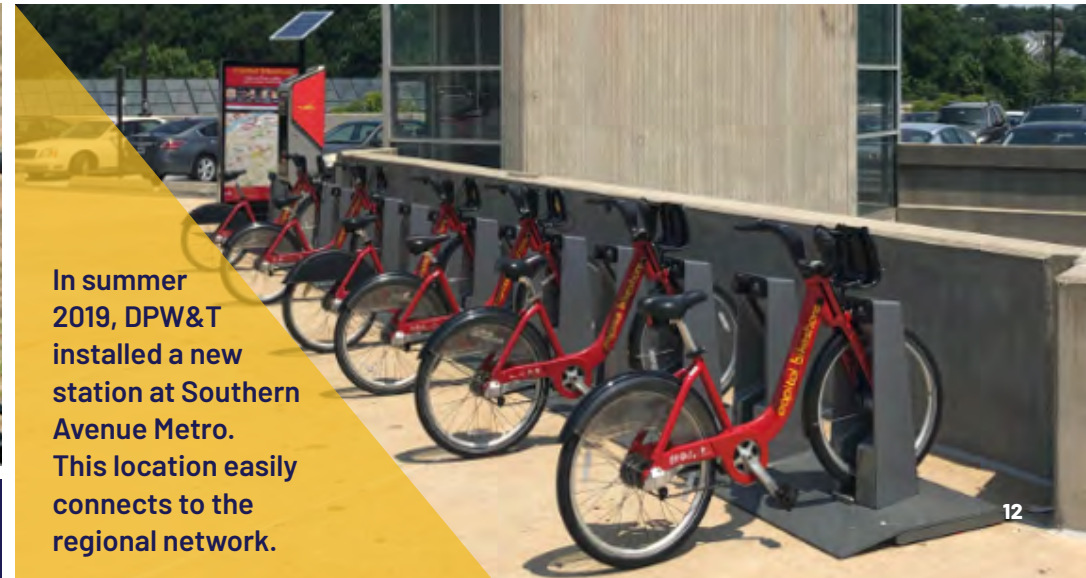
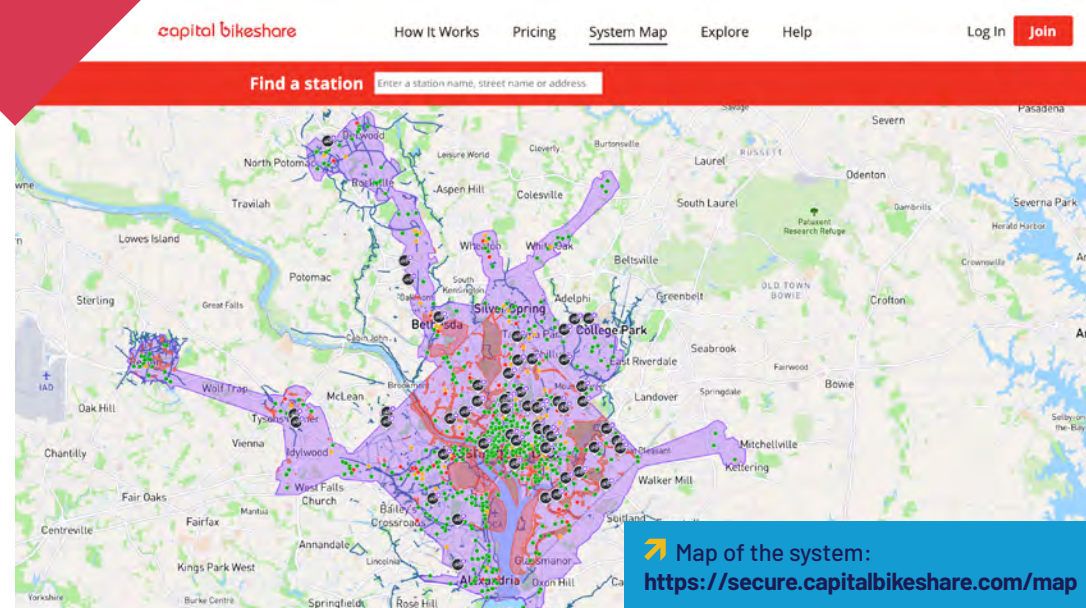
We are proud to offer bikeshare as a transportation option. There are 24 bikeshare stations within Prince George's County and over 550 bikeshare stations throughout the Capital Bikeshare System in Maryland, D.C. and Virginia.

There are so many ways to enjoy bikeshare, including:

- First mile/last mile connection to nearby Metro Stations
- Tour historic sites or visit National Harbor
- Travel to the park with friends and family
- Get a great workout
- Purchase a few items at the store
- Go to a nearby restaurant for brunch, lunch or dinner
- Help friends or family members learn the basics of bicycling
- Check out the County's trails and neighboring trails

If you're biking...

- Wear a helmet
- Use lights at night and when visibility is poor
- On a trail, yield to pedestrians, obey all posted signs and approach intersections with caution





PARATRANSIT: COVID-19 RESPONSE



We've got you covered during COVID-19. Members of our paratransit team pick up meals from the Camp Springs Senior Activity Center and deliver them to seniors.

➤ KEEPING TRANSIT OPERATORS SAFE

Daily distribution of Personal Protective Equipment (PPE).

➤ KEEPING PATRONS SAFE

Limiting the number of passengers on a bus to maintain social distancing measures. Everyone is required to use face coverings.

➤ OPERATING SAFELY BY REDUCING SERVICES TO ESSENTIAL TRIPS ONLY (employment, medical and shopping)

Scheduling the workforce on rotating shifts.

➤ INCREASING HOMEBOUND MEAL DELIVERIES TO SUPPORT THE DEPARTMENT OF FAMILY SERVICES' SENIOR NUTRITION PROGRAM

Delivering more than 3,300 meals weekly using a zone-based scheduling model.

➤ REDEVELOPING DAILY SCHEDULES

Daily oversight to improve efficiencies, safeness and reliability.

➤ MAINTAINING A CULTURE OF SAFETY FIRST

➤ OPERATING WITH ALL-INCLUSIVE STRATEGIES

Ensure more accessible transportation for all riders and comply with the Americans with Disabilities Act (ADA).

➤ ENHANCING CUSTOMER EXPERIENCE

Alternative transit options, improved technology and amenities.

TAXI OPTION ENHANCING TRANSIT SERVICES

The Department of Public Works and Transportation (DPW&T) engaged the Office of Information Technology (OIT) to assist in identifying a digital taxicab solution to provide centralized dispatching and the electronic collection of operating data to support mandatory reporting.

Several companies were invited to make presentations and Curb Solutions was deemed the best product to meet the County's needs. Curb is a cloud-based scheduling and dispatch system that will connect Prince George's County residents to reliable and convenient taxi transportation. Service will operate similar to Uber and Lyft, with taxi drivers using a phone-based application to receive trip information. Customers can go online or call in to schedule a trip.

The Curb scheduling system will also be used to launch a pilot project to enhance transit service options. The Department was awarded a grant to expand an existing paratransit program that provides transportation for eligible dialysis patients Monday through Friday. The grant will enable people to access transportation for treatment on Saturday. Trips will be pre-scheduled.

curb

The New Way to Get a Taxi

Laptop or Computer

- Download the app
- Set up your account
- Book a trip
- Track the location

By Phone:

- Call Curb
- Provide your pickup time and location
- Receive arrival time
- Cash or credit cards accepted

It's That Easy!



Angela D. Matthews
County Executive

VISIONZERO
www.visionzero.org



Terry L. Bellamy
Director





PRINCE GEORGE'S LINK: MICROTRANSIT

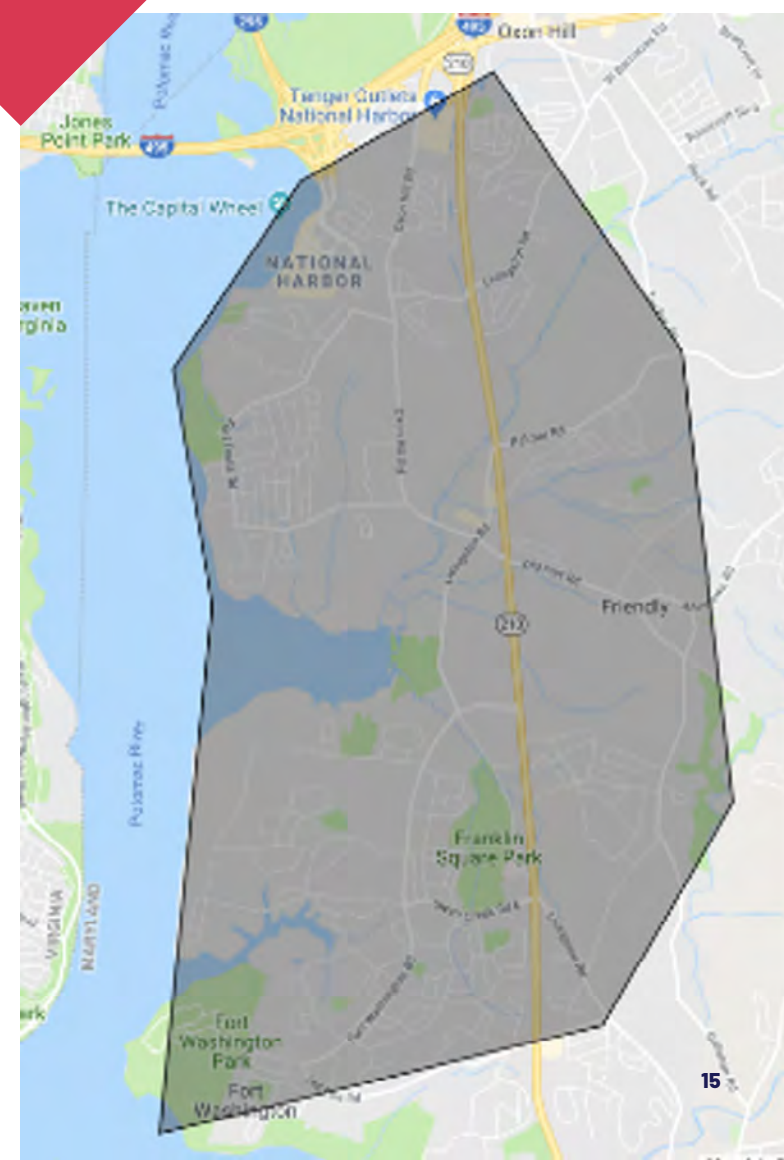
The Office of Transportation, in partnership with Transloc, developed an on-demand service called Prince George's Link. When launched, the Link will supplement transit service with flexible routing to match demand in transit-challenged areas. Curb to curb service will be available to destinations within a designated service area.

For the initial microtransit pilot, DPW&T selected the the the Fort Washington zone to develop a service area that extends from the Oxon Hill-National Harbor area to the Old Fort Village Shopping Center along E. Swan Creek Road, including neighborhoods along MD-210 corridor and the Fort Washington Hospital.

In early March, DPW&T trained administrative staff on the dispatch and driver application and procedures for picking up riders, intake of ride requests, and interpreting and reporting vital trip information.

The Office of Transportation views Prince George's Link as a model for 'right sizing' service and for expanding the footprint of on-demand services in the County, especially in areas with higher concentrations of households without a vehicle.

PRINCE GEORGE'S





CONNECTED AND AUTONOMOUS VEHICLES

The Maryland Department of Transportation, along with Maryland State Highway Administration and DPW&T, are partnering with a local Connected Autonomous Vehicle manufacturer (Local Motors) to pilot electric self-driving vehicles at the National Harbor in Oxon Hill. The vehicles are low speed, 3D printed and on track to bridge the gap of future last mile connections for transit users in Prince George’s County. The vehicles will operate along- side TheBus and WMATA to take local transit users to their final destination within a one-mile radius.

SMART TRAFFIC SIGNALS IN PRINCE GEORGE’S COUNTY

DPW&T is testing Smart Traffic Infrastructure at several signalized intersections in urban areas. We are assessing how these Vehicle-to-Infrastructure applications will benefit safety for all users. The applications may also improve the efficiency of public transportation.

Connected vehicles (CV) offer the ability for vehicles to “talk” with other vehicles, roadway infrastructure, and traffic operators. As CV technology continues to evolve and innovate, vehicles are becoming smart and more connected than ever. Technology exists that allows a vehicle to connect to an endless list of sources and applications.



RED LIGHT VIOLATION WARNING

The Red Light Violation Warning application enables a connected vehicle to receive information about the status of the traffic light and the map/geometry of the intersection when approaching a signalized intersection equipped with a Dedicated Short Range Communication (DSRC) radio.

TRAVEL INCIDENT MESSAGES

Signalized intersections equipped with DSRC radios will broadcast traveler advisory safety messages to drivers of connected vehicles when they approach.

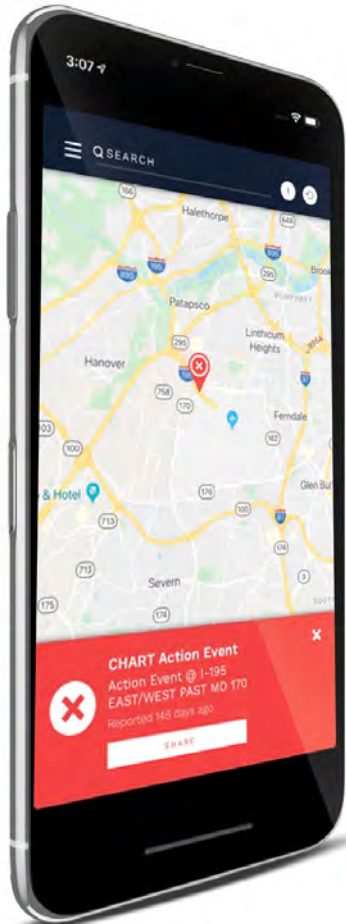
TIME-TO-GREEN STATUS

Signalized intersections equipped with DSRC radios will broadcast to vehicles the timing before the signal turns green.





PGC TRIP CENTER TRAFFIC ADVISORY APP



The PGC TRIP Center is proud to bring you the area's most intuitive mobile traffic advisory app. Offering an array of features and capabilities, including the latest up-to-the-minute traffic information, it gives users the ability to plan their commute around closures, accidents and backups. It also provides a window into what's going on in the community and around the region.



FEATURES

The Prince George's County Department of Public Works and Transportation Traffic Management Center is proud to deliver the area's most intuitive mobile traffic advisory app. Offering an array of features and capabilities, including the latest up-to-the-minute traffic information. Provides users the ability to plan their commute around closures, accidents and back-ups. Additionally the app offers a window into what's going on in the community and around the region.

TRANSIT SCHEDULES

Mobile access to real-time transit information.

TRAFFIC CAM LIVE FEEDS

Access to live traffic camera feeds to see roadway condition.

REAL-TIME TRAFFIC REPORTS

Stay up-to-date with Traffic incidents, weather and road closures.

PAVEMENT SENSOR READING

Get information on roadway surface temperature before you go.

COUNTY ROADWAY EVENTS

Access to events and road closure information before they happen and when they happen.

COUNTY-WIDE TRANSIT INFO

User access to the different modes of transportation and transit connectivity within the County.



WALK.BIKE.RIDE.
moving through prince george's with pride



SPOTLIGHT: TRANSIT TEAM



Gloria Williams

has been serving the County for 17 years as a Call-A-Bus Dispatcher with a #PrinceGeorgesProud attitude. She loves being able to fulfill transportation trips for the residents of Prince George's County. Our team salutes her commitment and giving spirit.



Darrell Bronson

is a Transit Operator who likes the community involvement that working in transportation services provides. He enjoys seeing how his work impacts the community at large.



Johnice McKinney

is one of our newest paratransit team members and is #PrinceGeorgesProud to be a part of the Call-A-Bus team. Her well known slogan throughout the office is "We Get It Done."



MAINTENANCE & BEAUTIFICATION



➤ BEAUTIFICATION

DPW&T's Fall Growing Green with Pride Day, a County-wide beautification and cleanup event on October 19, 2019 engaged 4,074 volunteers in 27 different communities to plant 3,485 trees, shrubs, and flowers, 10,000 daffodil bulbs, and collect 69,340 lbs. of trash in a single day.



DPW&T's Beautification Award Ceremony at the Newton White Mansion on September 25, 2019 was attended by 200 participants and guests.



DPW&T's Beautification Program on Arbor Day at Laurel Elementary School engaged over 300 school children, helping them to learn how to plant trees by planting 27 native trees.

➤ LITTER REDUCTION



The Department of Public Works and Transportation joined the Department of the Environment to install and maintain Bigbelly trash receptacles. These new solar-powered trash compactors are located at bus shelters in high pedestrian foot traffic areas within the County. DPW&T poured concrete pads at 26 locations for the installation of the new Bigbelly trash receptacles.

Maybe you have seen them around the County. They look like normal trash cans – but they have some cool skills that make litter reduction easier for everyone. With solar powered compactors, they fit five times as much trash as other trash cans! When they're full, they send a quick message to a local collection crew. This means less trash collection, saving the County money and cutting down on emissions. We bet you didn't know trash cans could be that smart.



THE PAVEMENT PRESERVATION PROGRAM

The Department of Public Works and Transportation is responsible for managing and maintaining one of the County's most valuable assets – a public street network with more than 2,000 miles. Our overall efforts keep the County's streets in a state of good repair, making them safe for users and extend their lifespan. Pavement preservation ranges from pothole repairs and asphalt patching to crack seal and slurry seal, as well as longer term resurfacing and extensive road reconstruction.

PAVEMENT EVALUATION & MAINTENANCE PRIORITIZATION

The County uses a Pavement Assessment Management System to assess the condition of roads, which depends on the surface roughness, environmental stresses, and structural condition. The goal is to apply the right surface treatment at the right time based on the results of the overall pavement evaluation.

PAVEMENT MILL & OVERLAY

The most complete maintenance approach, which is also the most costly, is a mill and overlay of the asphalt pavement. This is necessary when the asphalt surface reaches the end of its service life or preventative treatments no longer benefit a road. Making the decision to overlay involves a lot of factors including maintenance history, physical condition and budget.

If you have general questions or comments pertaining to the County's pavement preservation program, contact the Office of Highway Maintenance, Road Maintenance and Construction Division at 301-448-8611. To report a pothole or street maintenance repairs, contact CountyClick 311.





PRECISION CUTTING PROGRAM FOR SIDEWALK TRIP HAZARDS

The County piloted a new strategy to repair uneven sidewalks to eliminate trip hazards in our community. This new technology shaves and removes the raised portion of the sidewalk that is causing a trip hazard. The result is a safe, smooth and even walkway. By using this precision cutting technology to repair the protruding section of the sidewalk, the County is eliminating trip hazards for a fraction of the cost of sidewalk replacement.

Over the last year, we repaired more than 7,500 trip hazards across neighborhoods and subdivisions.





SPOTLIGHT:

HIGHWAY MAINTENANCE TEAM



Travis Zimmerman

Prior to joining DPW&T, Mr. Zimmerman acted as a consultant for the Office of Highway Maintenance and assisted with the installation of storm drain maintenance projects. His career started at the age of 15 with his family's construction company where he worked alongside members of his family and developed skills operating equipment for excavation, asphalt, and concrete projects. He pursued employment with the County because he enjoys working in a positive work environment and engaging with the wealth of information that the team offers. The best part of his job is being able to analyze field conditions and assist homeowners and businesses with finding solutions to drainage problems.

Orin Roberts

Prior to working with the County, Mr. Roberts' inspected all aspects of site development projects including power plants, bridges, new housing developments, and airport runway construction. In the past 18 years, as a consultant for the Office of Highway Maintenance and the Office of Engineering, Mr. Roberts' assisted with all aspects of road maintenance, driveway aprons, underdrain systems, concrete work, and repaving projects. He looks forward to continuing this important work as an employee of Prince George's County.

Brad Lambert

"After 18 plus years of working for Prince George's County DPW&T's Office of Highway Maintenance/Road Maintenance & Construction Division as a consultant inspector, I am excited to continue the inspection services for DPW&T in order to do our part to provide safe pedestrian walkways and roadways for communities!"

➔ CAPITAL IMPROVEMENT PROJECTS



Storm Drain Improvement and Culvert Repair



Bridge Repair, Reconstruction and Construction



Intersection, Traffic Signal and Street Light Improvements



Roadway Improvements and Maintenance of Traffic



Sidewalk, Pedestrian Access and Bike infrastructure



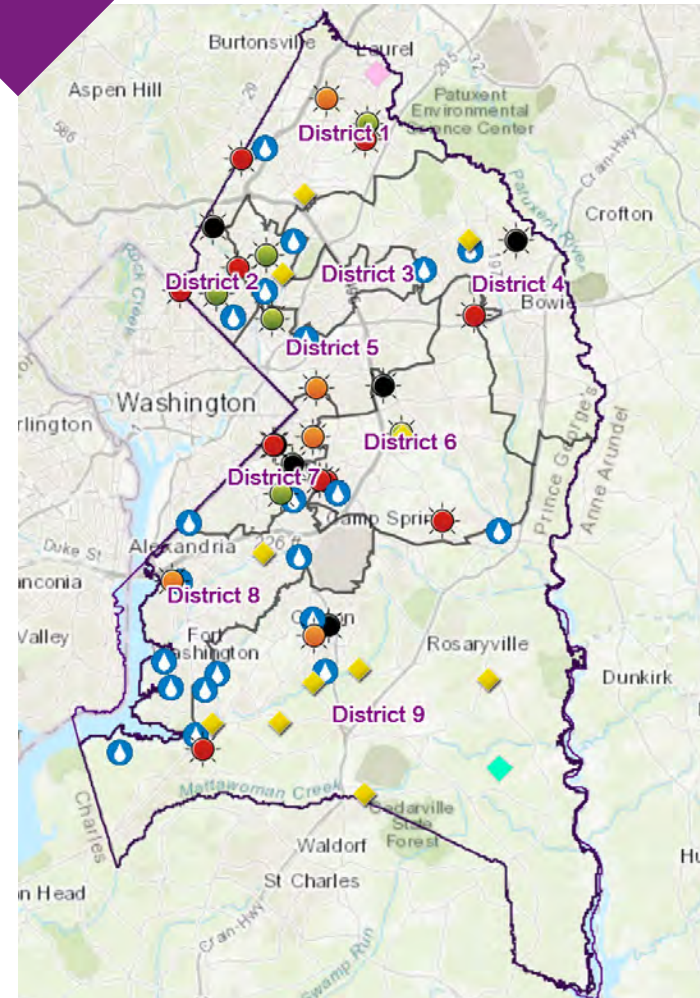
Project Planning and Developer Projects



CAPITAL IMPROVEMENT PROJECTS: SIX-YEAR PLAN

Many programs contribute to capital improvement projects (CIP). The Green Complete Streets Program delivers roadway improvements that are designed and constructed so that the impacts to the natural environment are lessened or improved. The Pedestrian Safety Program focuses on roadway improvement projects that are oriented toward the enhancement of roadway safety, based upon a measurable and data-driven action plan for the most vulnerable users, pedestrians and bicyclists. These projects hinge on input received from the community and an objective analysis of the existing field conditions and constraints. The overarching program outcomes embrace a Vision Zero safety goal.

- Installing safety and traffic calming improvements
- Replacing curbs and sidewalks
- Constructing new sidewalks and guardrails
- Revitalization improvements
- Harness new urban designs that foster a safer community



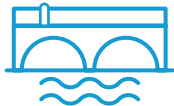
DPWT CIP PROJECTS

- Drainage Improvement
- Bridge Replacement
- Green/Complete Street
- Major Roadway
- Pedestrian Safety
- Intersection Improvement
- Culvert Repair
- Culvert Replacement

[➤ VISIT CIP INTERACTIVE MAP ONLINE FOR DETAILED DESCRIPTIONS](#)



CAPITAL IMPROVEMENT PROJECTS: SIX-YEAR PLAN



Bridge Replacement or Repair

- Brandywine Rd. Bridge Replacement
- Chestnut Avenue Bridge over Newstop Branch, P-1115
- Harry S. Truman Dr., Structure No. P-0581,
- Livingston Rd. Bridge Replacement over Piscataway Creek
- Molly Berry Rd. Bridge Replacement
- Cherry Hill Rd. Bridge No. P-0104, Bridge Repair
- Greencastle Rd. Bridge No. P-0194 Repair
- Sunnyside Ave. Bridge Replacement over Indian Creek
- Temple Hill Rd. Bridge Replacement over Pea Hill Branch
- Campus Dr. Bridge No. P-0106 CIP



Culvert Replacement or Repair

- Bowie Rd. Culvert Improvements
- Culvert Repair/Replacement Program - Nelson Perrie Rd. Culverts
- Culvert Replacement and Rehabilitation Program, Ph. 3



Drainage Improvement

- Berwyn Heights Hydrologic and Hydraulic Analysis
- Calverton Blvd. Channel Improvements
- Clinton St. Storm Drain Repair
- Indian Head Highway, East Channel Repair
- Longfield Drainage Study
- Otis St., Outfall and Ditch Repair
- Owens Rd. Channel Drainage Improvement
- Riverdale Park Channel Improvement
- Swan Creek Drainage Improvements
- Upper Marlboro Flood Risk Management
- Vista Way, 408, Channel Drainage Improvements
- Allentown Rd. at Old Branch Ave. Drainage Repairs
- Allison St. Levee Project (DoE)
- Clear Creek Drainage Improvement
- Daisy Ln. Drainage Improvements
- Groveton Dr. Outfall Improvements
- Indian Head West Outfalls Repair
- Suitland Rd., Regency Pkwy. Outfall Improvements
- Trafalger Ct. Outfall Improvements
- Storm Drain Inventory



CAPITAL IMPROVEMENT PROJECTS: SIX-YEAR PLAN



Intersection & Traffic Improvement

- Adelphi Rd., Wells Pkwy., Well Blvd. intersection, Traffic Signal
- Chillum Rd., Knollbrook Dr., Intersection
- Church Rd. at Fairview Vista Rd. Intersection Improvement
- Livingston Rd., near Berry Rd. Road Improvement
- Ritchie Marlboro Rd., Brooke Ln., Intersection
- Cherry Hill Rd. at Maryland Farms Improvements
- Marlboro Pk., Donnell Dr. Intersection Traffic Signal Project
- Marlboro Pk., Glacier Ave. Intersection Traffic Signal Project
- Marlboro Pk., Walters Ln. Intersection Traffic Signal Project
- Addison Rd. at Walker Mill Rd. Major Intersection Improvement



Major Roadway

- Addison Rd. at Walker Mill Rd. Intersection Improvement
- Contee Rd. Extended - US-1 to Konterra Drive



Bike Share

- Station sites installation and assessment



Pedestrian Safety

- Largo Area CIP Roadway Project
- Marlboro Pk. Pedestrian Safety Improvements, Ph. 1
- Marlboro Pk. Pedestrian Safety Improvements, Ph. 2
- Metzerott Rd., MD 650 to Adelphi Rd., Pedestrian
- Stuart Ln. Pedestrian Safety Improvements
- Safe Routes to School CIP Project Part 1
- Race Track Rd. Pedestrian Safety Improvements



Green Complete Streets

- Ager Rd. Green/Complete Streets Improvement
- Montpelier Dr. Green Street Improvements
- Swann Rd. Green/Complete Street Improvements
- Campus Dr. Green Street Improvement
- Harry S. Truman Dr. Green/Complete Streets Project



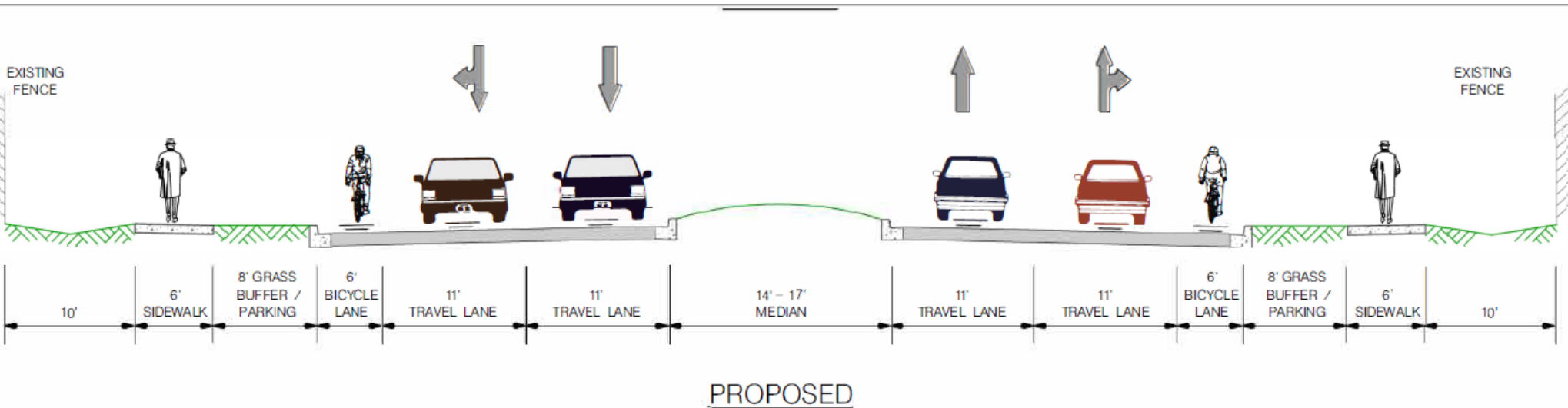
Transit System Improvement

- Bus Stop Improvement Program, Ph. 2



CAPITAL IMPROVEMENT PROJECTS: AGER ROAD

RENDERING OF PROPOSED AGER ROAD PROJECT



This project is a substantial Green/Complete Streets project that will improve the safety, functionality and aesthetics of Ager Road. The project involves substantial roadway modifications that include a road diet to reduce speeding, upgraded traffic signalization and the removal, in certain areas, of the service roadways to Ager Road to provide for greater greenspace and improved pedestrian facilities. The scope of the project includes improved street lighting, tree planting, storm water management and a green bike lane installation. Improved trail connectivity is being provided to the existing Northwest Branch Trail network and West Hyattsville Metro station.

Detailed plans can be found online: www.princegeorgescountymd.gov/DocumentCenter/View/29737/Ager-Rd-Green-Streets-CIP-project



CAPITAL IMPROVEMENT PROJECTS: MARLBORO PIKE PHASE I AND PHASE II IMPROVEMENTS



The Marlboro Pike Phase I and Phase II Improvements project will improve the 2.5 mile 4-lane segment of Marlboro Pike from Silver Hill Rd. (MD 458) to the DC line at Southern Avenue. This segment of Marlboro Pike ranks as a frequent crash corridor. The roadway is near several schools, community centers, apartment complexes and commercial centers. The roadway has posted speeds of 30 to 35 MPH and an Average Daily Traffic that ranges from 10,000 to 20,000 vehicles per day.

Marlboro Pike, Phase 1 is 4400 linear feet (LF) from Brooks Dr. to MD 458. It is in Final Design (90%) and is estimated to cost \$2.2 million. Construction may start as early as Spring 2021.

Detailed plans can be found online at: www.princegeorgescountymd.gov/DocumentCenter/View/29805/Marlboro-Pk-Ph-1

Detailed plans can be found online at: www.princegeorgescountymd.gov/DocumentCenter/View/29806/Marlboro-Pk-Ph-2

Marlboro Pike, Phase 2 is 6500 LF from Southern Ave. to Brooks Dr. It is in Planning (15%) and is estimated to cost \$10 million.

The project improvements will:

- **NARROW** and **REDUCE** lanes
- **INSTALL** buffered bike lanes
- **COMPLETE** a continuous Americans with Disabilities Act (ADA) sidewalk network
- **UPDATE** eight traffic signals
- **IMPROVE** 31 bus stops with accessible landing pads – several stops east of Brooks Drive have greater than 50 daily boardings
- **CONSOLIDATE** pedestrian crossings and provide raised pedestrian refuge (median) islands at the numerous uncontrolled mid-block crossings – currently there are gaps almost a mile long without controlled pedestrian crossings



CAPITAL IMPROVEMENT PROJECTS: DRAINAGE



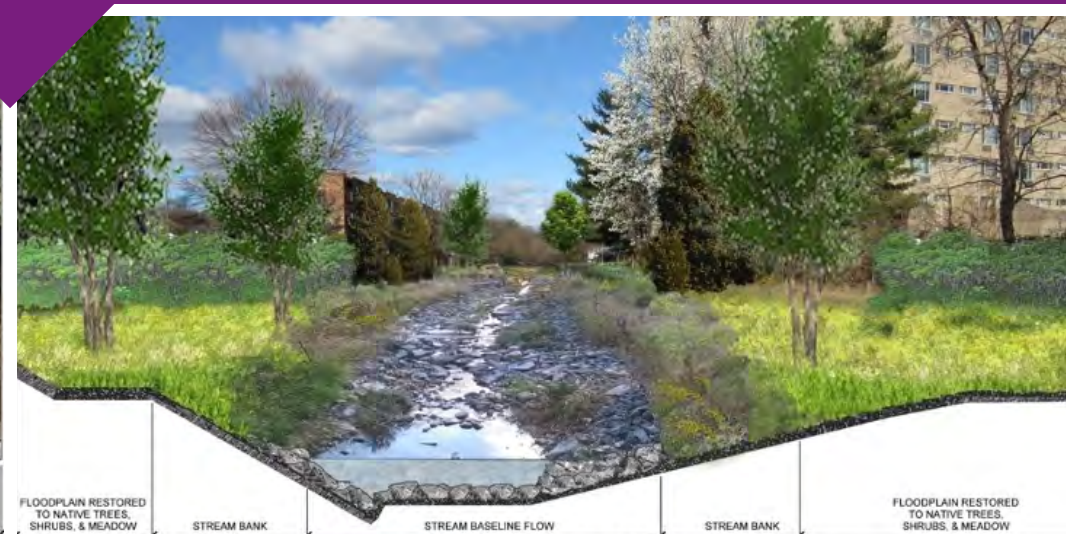
The County's Inter-agency Drainage Committee is addressing approximately 80 drainage complaints. Drainage complaints range in nature from property flooding to home flooding and include concerns such as erosion and problems associated with sump pump discharges. Successfully resolving the issues will require collaboration across DPW&T, the Department of Environment, the Soil Conservation District and the Department of Permitting, Inspections and Enforcement.



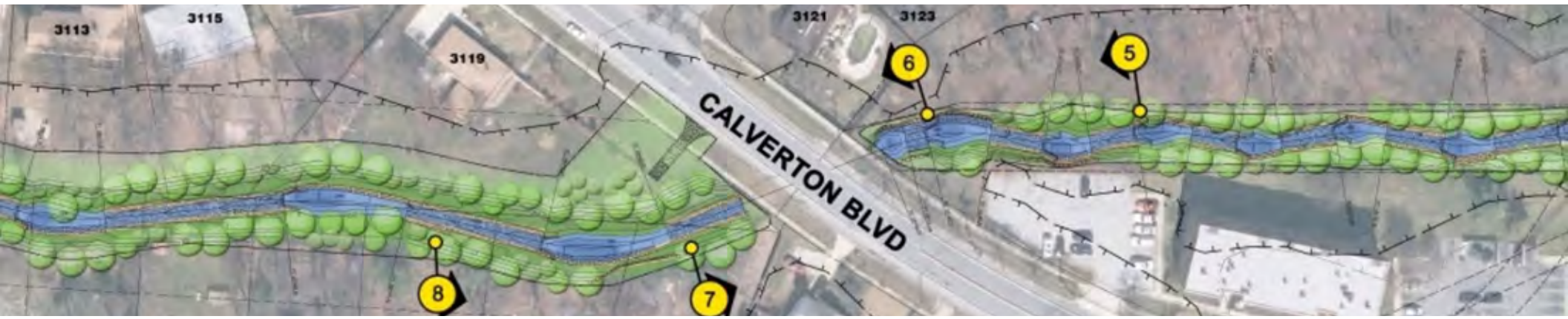
CAPITAL IMPROVEMENT PROJECTS: CALVERTON CHANNEL REHABILITATION PROJECT



PERSPECTIVE 2 - BEFORE



PERSPECTIVE 2 - AFTER

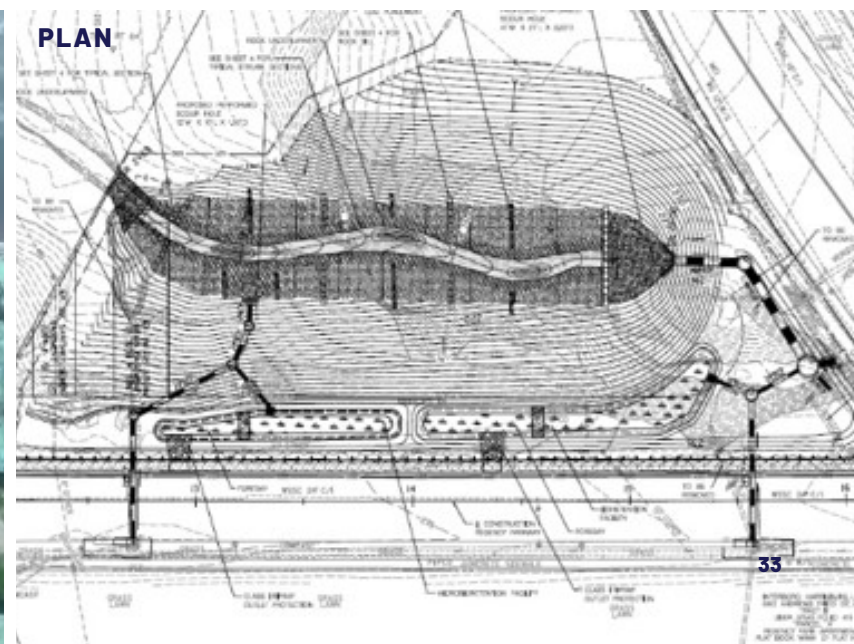
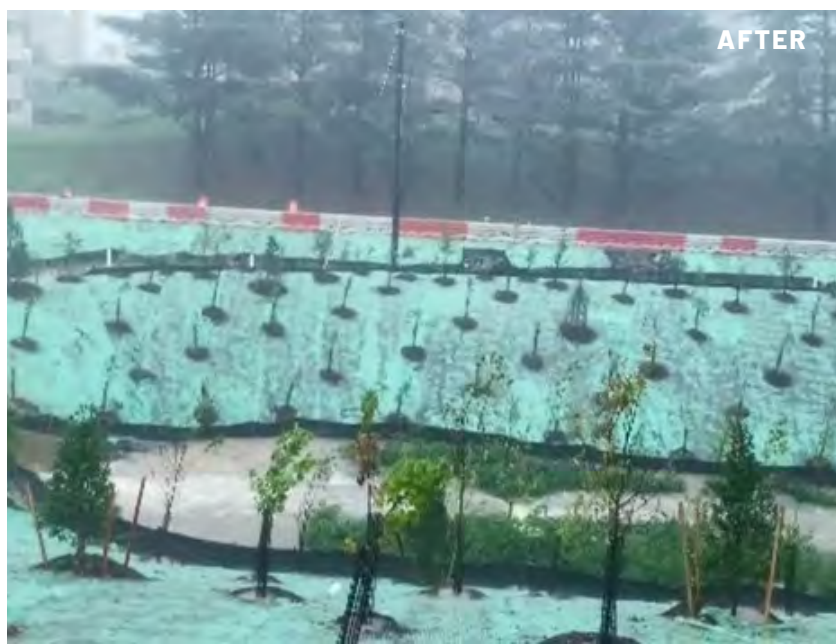


DPW&T was awarded \$1.9 million from the Maryland Department of Natural Resources (MD-DNR) to help construct the Calverton Channel Rehabilitation Project. The project is located in Calverton, Maryland within Council District 1. The project will replace over 2,700 LF of concrete channel with natural stream, an overall \$5 million restoration project. Construction will start fall 2020.



CAPITAL IMPROVEMENT PROJECTS: SUITLAND ROAD AND REGENCY OUTFALL REPAIR PROJECT

The Suitland Road and Regency Outfall Repair project is located in Suitland. The project rebuilt failed outfalls and severely undermined sidewalks. The \$1.3 million outfall repair project utilized ecosystem restoration practices and was awarded a \$346,170 grant from the Maryland Department of Natural Resources to help construct the project. Construction was completed in summer 2019.





CAPITAL IMPROVEMENT PROJECTS: TRAFALGAR COURT OUTFALL PROJECT

Trafalgar Court Outfall project is located in Fort Washington. The \$800K project repaired a severely collapsed outfall into Tinkers Creek. The eroded outfall channel banks had created a condition at the rear yards of the adjacent properties which had 30 to 40 feet of highly eroded slopes down into the stream valley.



SPOTLIGHT:



GEOGRAPHIC INFORMATION SYSTEMS TEAM



Edilberto (Bert) Garcia

ENGINEER TECHNICIAN III, DPW&T, OFFICE OF ENGINEERING AND PROJECT MANAGEMENT,
ENGINEERING SERVICES

Bert started his career as a civil engineer in the Philippines. The eldest of five brothers and sisters, Bert was the last of his family to leave the Philippines in 2000. The entire family now lives in Prince George's County. When Bert first joined DPW&T, he performed traffic counts and completed traffic studies. Bert now works in the Engineering Services Division as an Engineer Technician III with a focus on Geographic Information Systems (GIS) and storm drain work.

IN BERT'S OWN WORDS:

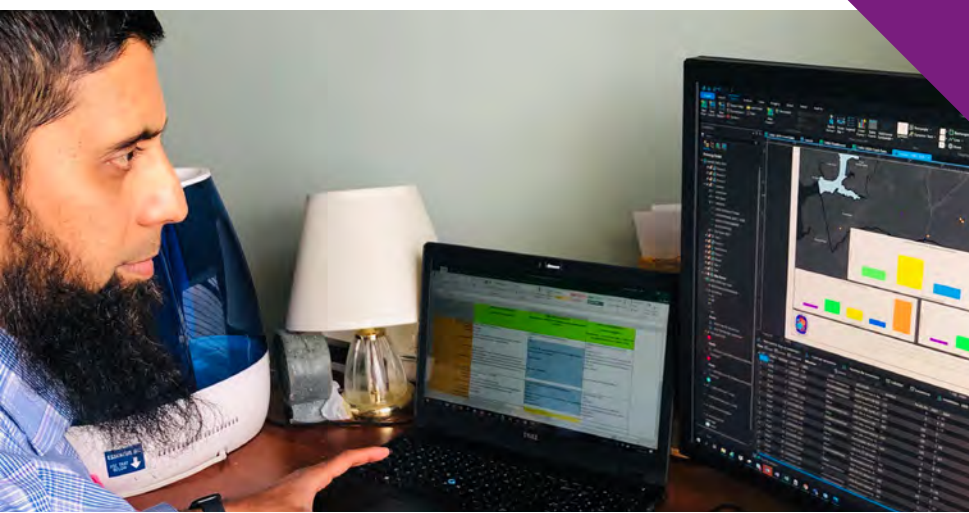
"My sister works in the Prince George's County Public School System. So, when I applied to the County in 2007, I thought I was applying to the Prince George's County School System to be an Engineer Technician. It turns out, my application was instead sent to DPW&T where I was hired. What I like most about DPW&T is that I have been allowed to grow. I now use my civil engineering degree running storm drain computations with ArcGIS drainage analysis for Engineering Services drainage projects."

For the record, DPW&T is very glad Bert's job application was routed to the wrong agency!

SPOTLIGHT:



GEOGRAPHIC INFORMATION SYSTEMS TEAM



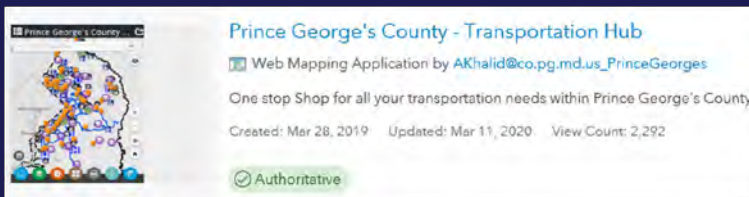
Azwan Khalid

GIS SPECIALIST, DPW&T, OFFICE OF ENGINEERING AND PROJECT MANAGEMENT, ENGINEERING SERVICES

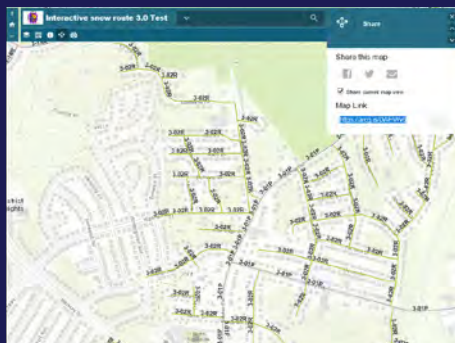
Azwan is originally from Sri Lanka. When he first came to the United States, he lived in California then attended the University of Arizona. After living near the west coast, Azwan moved to Maryland and joined DPW&T. Azwan applies his expertise to develop GIS solutions that are more efficient and simpler to navigate for a wide range of data tracking systems.

Accomplishments:

- County's Interactive Transportation Hub site to display the different modes of transportation available to the public.



- Managed and analyzed snow route data from a range of County data sources to ensure efficient and effective snow route maps for the County's 2,000 miles of roads.



IN AZWAN'S OWN WORDS:

"I very much enjoy working with different team members on diversified projects from transportation, CIP, storm water management, crash data, interactive snow maps, etc. Specializing in a computer program application such as ArcGIS can sometimes be monotonous. I find working on projects for all the different offices of DPW&T really keeps it interesting. I am truly appreciative to Office of Engineering and Project Management leadership for providing me with so much opportunity and allowing me to grow into my current role."

DPW&T appreciates Azwan's passion to incorporate new GIS web and mobile technology to better manage our assets, and he always works with a smile!

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Angela D. Alsobrooks
County Executive



Terry L. Bellamy
Director

