

# SPOTLIGHT

## PRINCE GEORGE'S COUNTY ROADWAY IMPROVEMENTS FOR ALL USERS

Prince George's County Department of Public Works and Transportation (DPW&T) is working diligently to make county roadways safer for bicyclists and pedestrians.

In July 2019, Prince George's County Executive Angela D. Alsobrooks and the Prince George's County Council launched the **Vision Zero Prince George's strategy** to eliminate serious injuries and deaths on our roadways by the year 2040. We aim to make the County's roadways safer for all users through a collaborative, multi-agency approach including promoting a culture of safety and equity. Community outreach efforts are key to achieving this goal.

Earlier this spring, the County kicked off the development of a five-year **Bike and Pedestrian Network Plan**, which focuses on identifying projects to address missing links in the existing pedestrian and bicycle infrastructure. This Plan will be informed by a range of inputs from the general public and government partners, and brings together information from previous studies and current efforts across County agencies and partners.

During the summer of 2020, DPW&T completed roadway improvement projects in areas with pressing infrastructure needs: Lottsford Road in Largo and Tucker Road in Fort Washington. These infrastructure projects reflect integrated investment in the areas while addressing pedestrian and bicycle safety.

The County Executive launched Vision Zero Prince George's on July 25, 2019 as a county-wide strategy to eliminate traffic-related serious injuries and deaths by the year 2040. Positioned as a collaborative community model, Vision Zero Prince George's focuses on supportive road and transportation design coupled with education and safety measures for all roadway users.

In the Vision Zero strategy, everyone in the community shares responsibility for ensuring the safety of all roadway users, whether they are pedestrians, bicyclists, motorcyclists, transit users or drivers.

[www.VisionZeroPrinceGeorges.com](http://www.VisionZeroPrinceGeorges.com)

The Prince George's County roadway network includes more than 2,000 miles of public streets.

OUR GOAL: The RIGHT TREATMENT at the RIGHT TIME

**VISIONZERO**  
prince george's

## **LOTTSFORD ROAD**

DPW&T installed bike lanes along Lottsford Road from MD 193 to Archer Lane by re-purposing the roadway width and reconfiguring the lane markings. The bike lane features green paint at the intersections, which highlights the potential conflict of turning movements for vehicular traffic and the potential presence of bicyclists riding along the bike lane.

The green paint markings provide greater visibility of the bike path, enhancing awareness as drivers move in and out of side streets. There are signs posted for drivers to be aware and “share the road with bikers” in the small section where we could not install exclusive bike lanes.

### **Project Scope**

**Resurfaced and Reconfigured the Roadway:** Added a bike lane along a 1.2 mile segment of the road between MD 193 and Archer Lane.

**Average Area Daily Traffic (AADT):** 23,572

**Bicycle Infrastructure:** 1.2 miles of new bike lanes with green striping at intersections and signs.





## TUCKER ROAD

The improvements at Tucker Road include stormwater management while incorporating safe pedestrian and bicycle infrastructure. This project focused on constructing sidewalks, curbs and gutters to address periodic flooding due to inadequate and old drainage infrastructure. Now, pedestrians and bikers should be able to safely access civic and recreational facilities, such as Tucker Road Community Center and Ice Rink Sport Complex.

### Project Scope

Improvements constructed along a 1.8 mile segment of Tucker Road (AADT=4,780) between St. Barnabas Road and Palmer Road and a 1.4 mile segment of Palmer Road (AADT=14,121) between Tucker Road and Indian Head Highway (MD 210).

**Pedestrian Infrastructure:** Four (4) miles of new ADA compliant sidewalks  
New marked trail crossings and crosswalks

**Bike Infrastructure:** Eight (8) miles of new bike lanes with green striping at intersections  
New signage to mark bike lanes

**Stormwater Management:** 5.25 miles of new curbs and gutters  
15 Storm Drain Inlets, two (2) Manholes and four (4) Concrete Swales  
Open side ditches replaced with a pipe drainage system

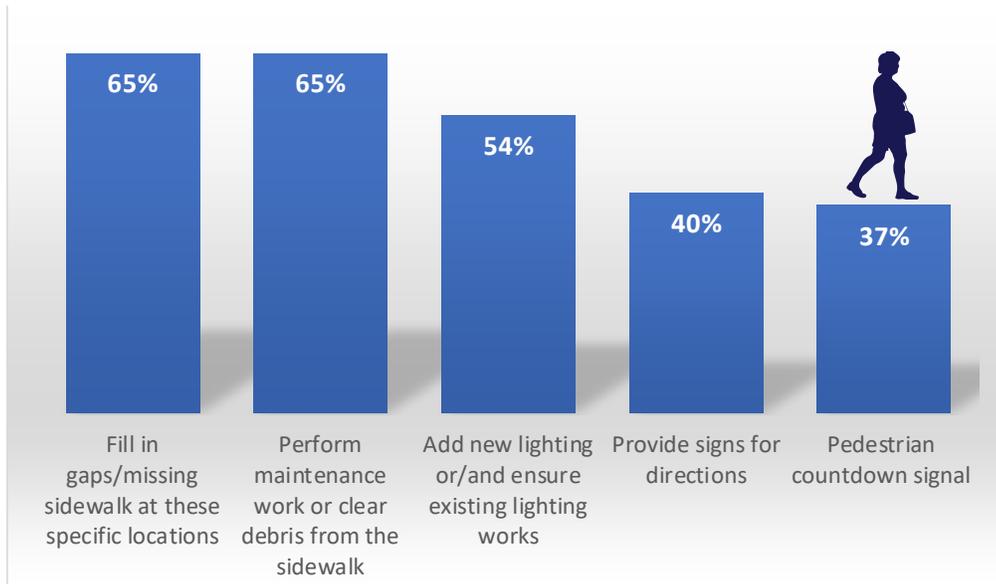


The Department of Public Works and Transportation is proud to implement cost-effective, durable and innovative infrastructure improvements throughout Prince George's County. DPW&T will continue to implement such treatments in the future on many of our roadways as it expands the County's pedestrian and bicycle networks. The Pedestrian Safety Capital Improvement Program projects are based upon an action plan that is measurable and data-driven. These projects hinge on input received from the community and an objective analysis of the existing field conditions and constraints. All these efforts contribute to achieving Vision Zero in Prince George's County.

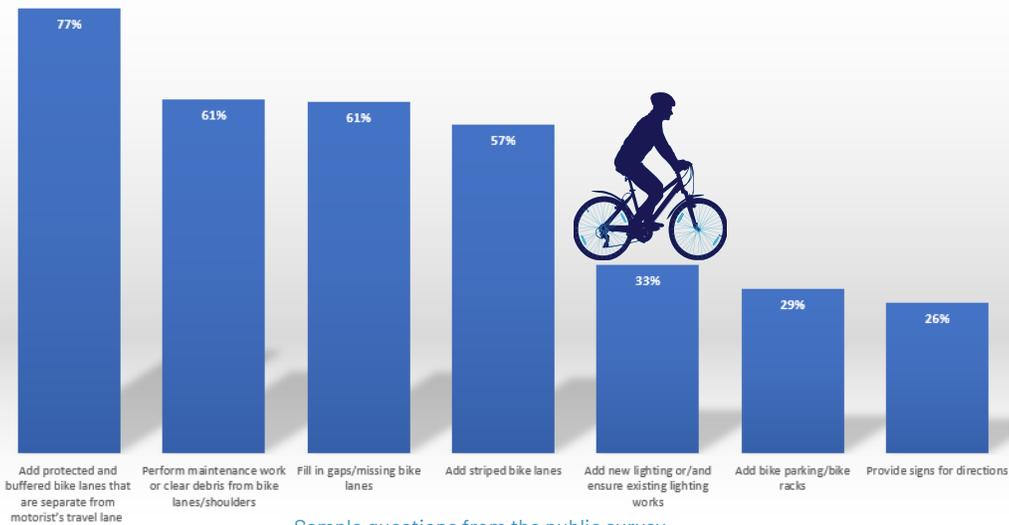
To learn more about Vision Zero Prince George's, please visit [www.visionzeroprincegeorges.com](http://www.visionzeroprincegeorges.com)

DPW&T heard from many people who bike and walk in the County through a **public survey conducted during April-May 2020**. We reviewed more than 550 participants' responses, including requests and concerns, to prioritize and identify coordination points with our local and regional partners such as the State Highway Administration and the Maryland-National Capital Park and Planning Commission.

### What could the County do to improve your experience walking on streets?



### What could the County do to improve your biking experience?



Sample questions from the public survey

The key is to strike a balance between capacity, safety and comfort for all roadway users. Pedestrian and bicycle safety is crucial as we expand our network using context sensitive design. [Sample](#)

[www.princegeorgescountymd.gov/1002/Public-Works-Transportation](http://www.princegeorgescountymd.gov/1002/Public-Works-Transportation)



#PGCountyDPWT

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