



Rushern L. Baker, III
County Executive

Prince George's County

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION ROADWAY SAFETY UPDATE



Darrell B. Mobley
Director

PRINCE GEORGE'S COUNTY COUNCIL
THE COMMITTEE

FEBRUARY 22, 2018

The Need for a Roadway Safety Plan

- Safety is directly linked to the quality of life of residents, commuters, and visitors
 - ▣ Traffic crashes, pedestrian and bicycle accidents are tragic, preventable occurrences
 - ▣ Need to elevate the importance of traffic safety in the public eye
 - ▣ To be a leader in Maryland and the Washington Metropolitan Region
- SRSP provides measurement, reduction targets, strategies, and evaluation

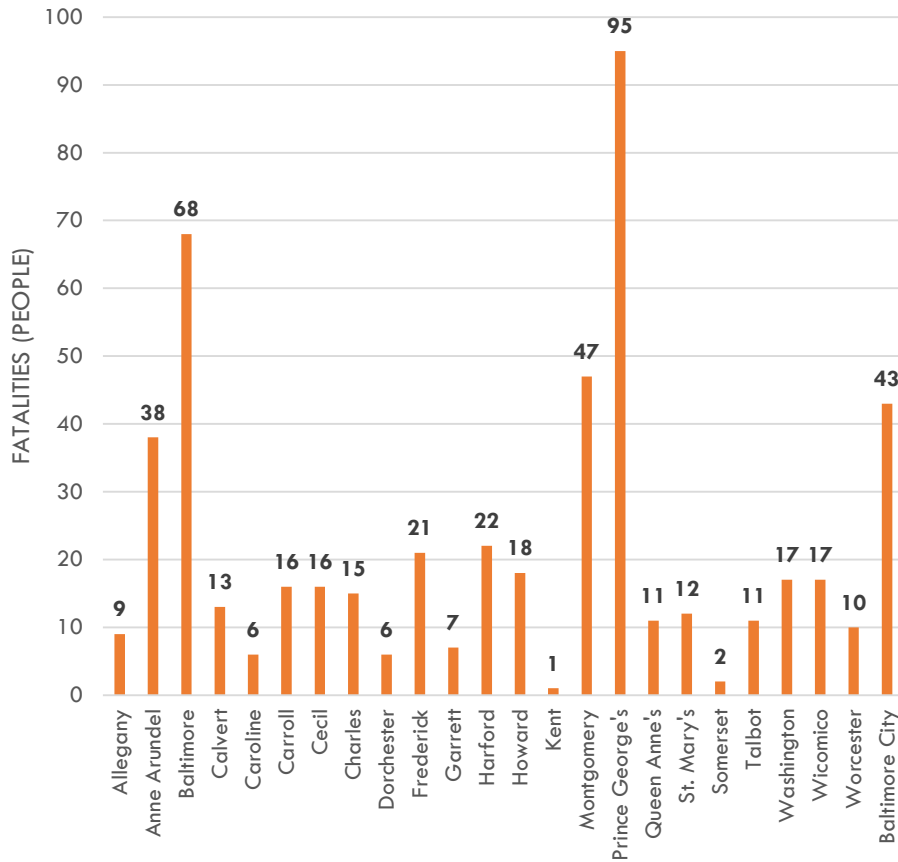
Prince George's County's Roadway Safety Plan

- Countywide, coordinated, comprehensive safety plan that provides the framework for reducing vehicle, pedestrian and bicycle related fatalities and serious injuries
- Local, state and regional level collaboration
 - ▣ County agencies
 - ▣ MDOT
 - ▣ MWCOG

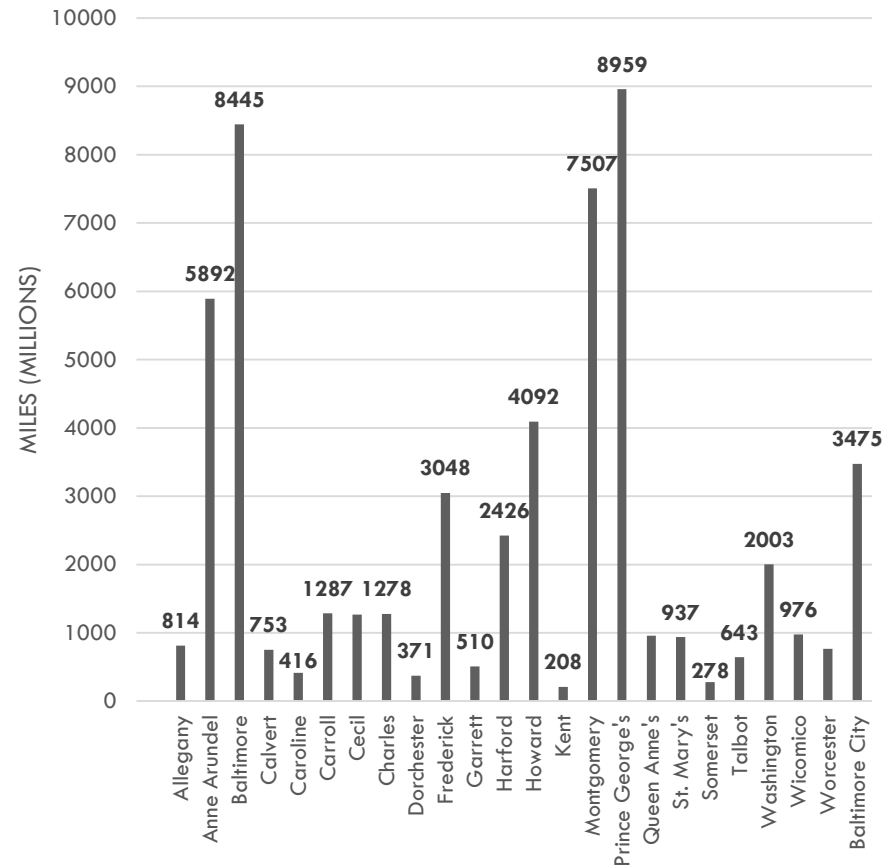


Statewide Fatalities and VMT

MARYLAND VEHICLE RELATED FATALITIES 2015

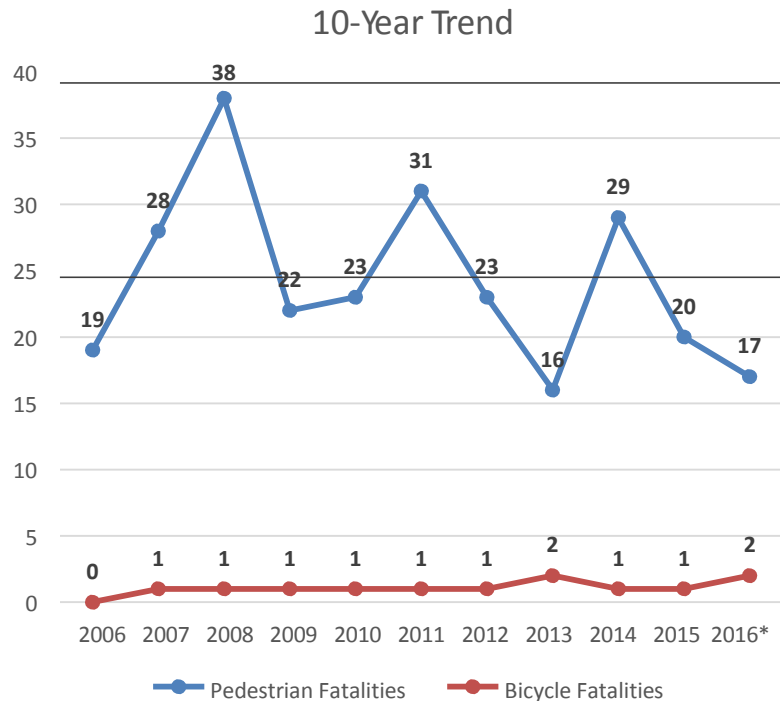


MARYLAND VEHICLE MILES TRAVELED 2015

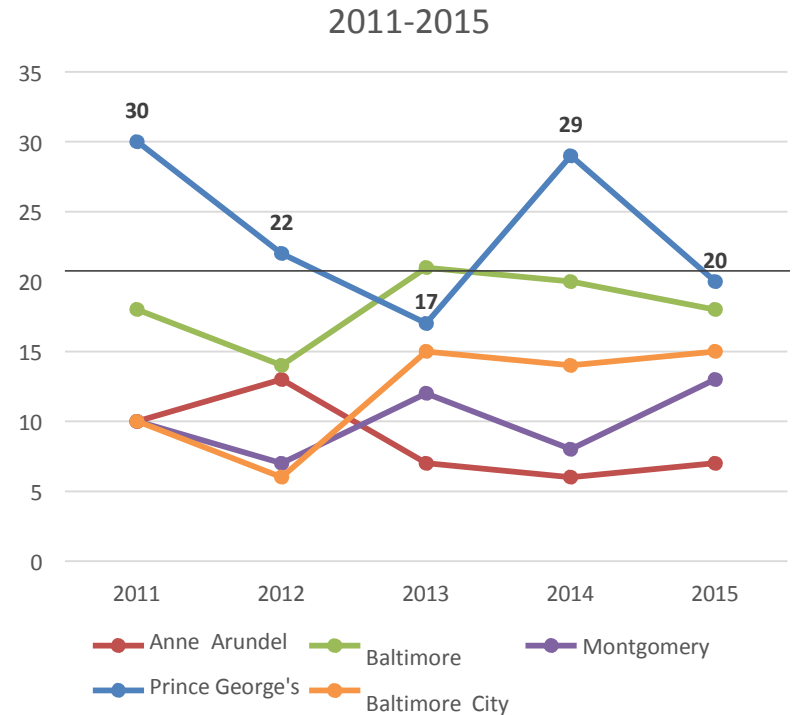


Prince George's County and Statewide Pedestrian and Bicycle Fatalities

Pedestrian and Bicycle Fatalities Prince George's County



Pedestrian Fatalities Statewide

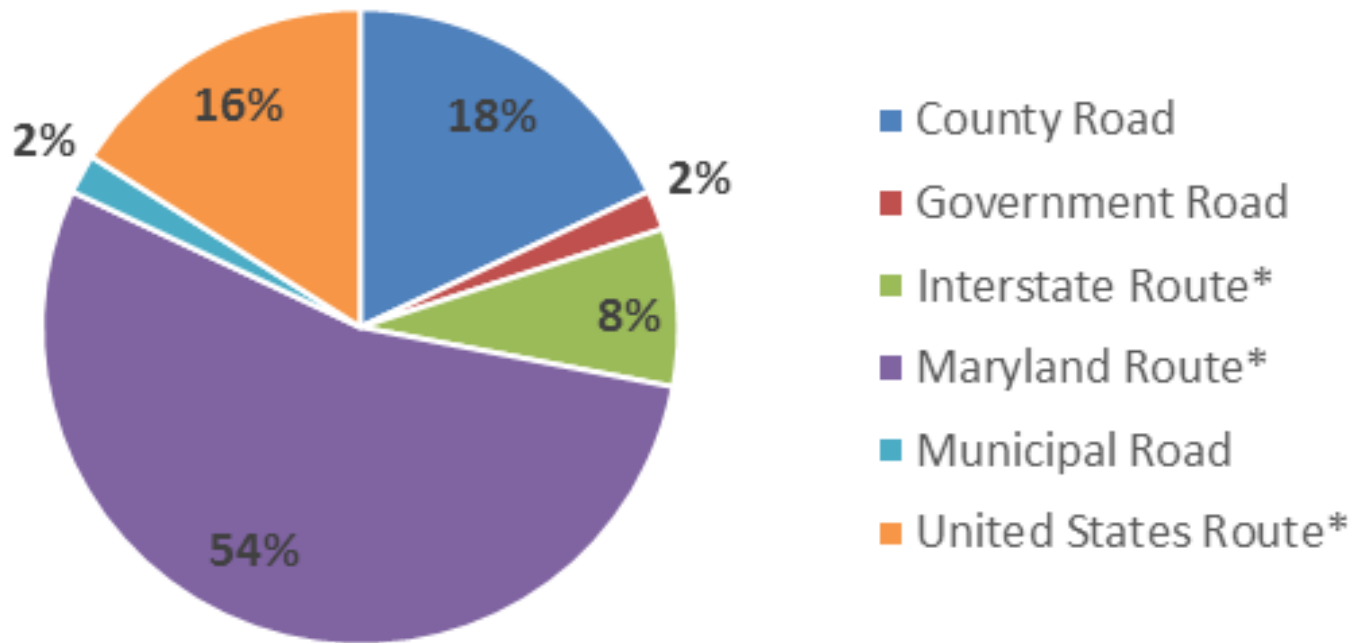


Source: Maryland Department of Transportation, Maryland Highway Safety Office

*2016 data is preliminary

Where Pedestrian Fatalities Occur

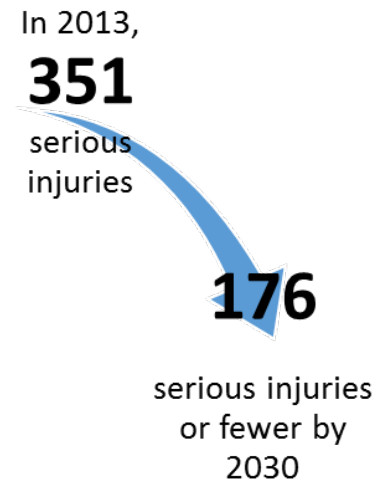
**Pedestrian Fatalities by Roadway Type
Prince George's County 2014-2015**



* Maintained by SHA

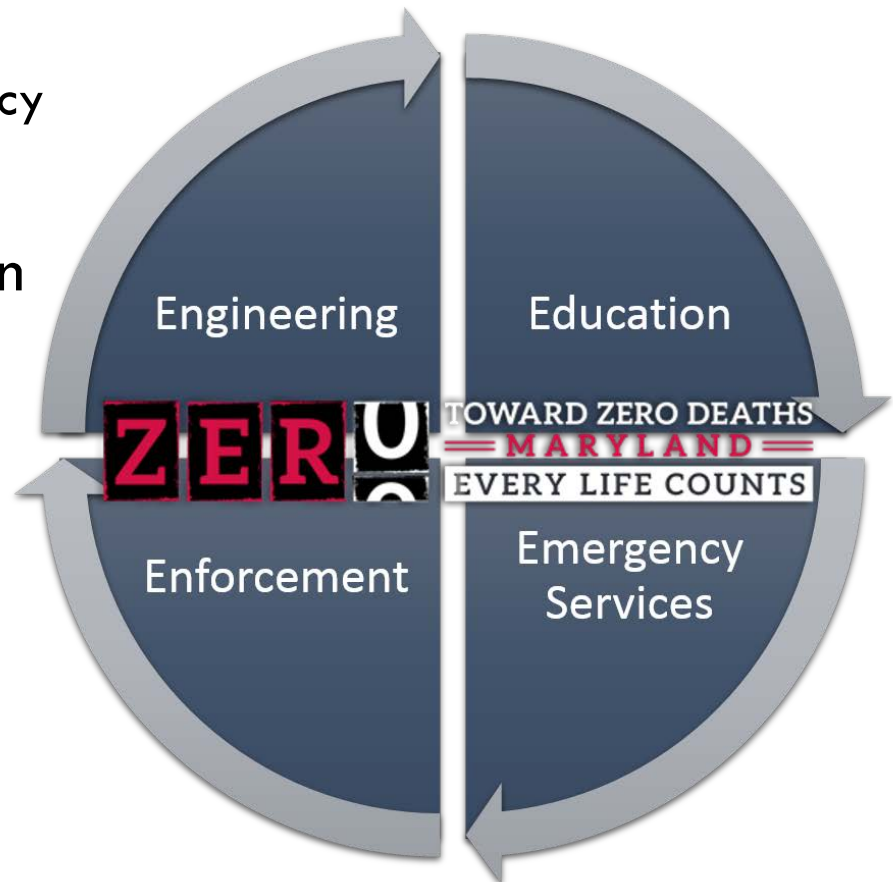
Strategic Roadway Safety Plan

- Create a plan that can interface with the State
- Developed local Toward Zero Death methodology
 - ▣ 50% reduction or more of vehicle related fatalities and serious injuries by 2030
 - ▣ 2008 baseline for fatalities and 2013 baseline for serious injuries



Roadway Safety Strategies

- Data-driven approaches
 - Identify driver behaviors and target audiences regarding enforcement, education, engineering, and emergency services (4 E's of Safety)
- Promote and support legislation and adjudication
- Engineering and technological solutions
- Public awareness, training, and media programs
- Enforcement practices



Emphasis Areas



Aggressive
Driving



Distracted
Driving



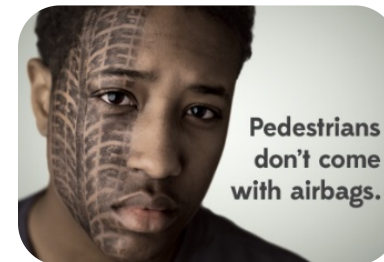
Impaired
Driving



Occupant
Protection



Highway
Infrastructure



Pedestrians
and Bicyclists

Pedestrian and Bicycle Safety

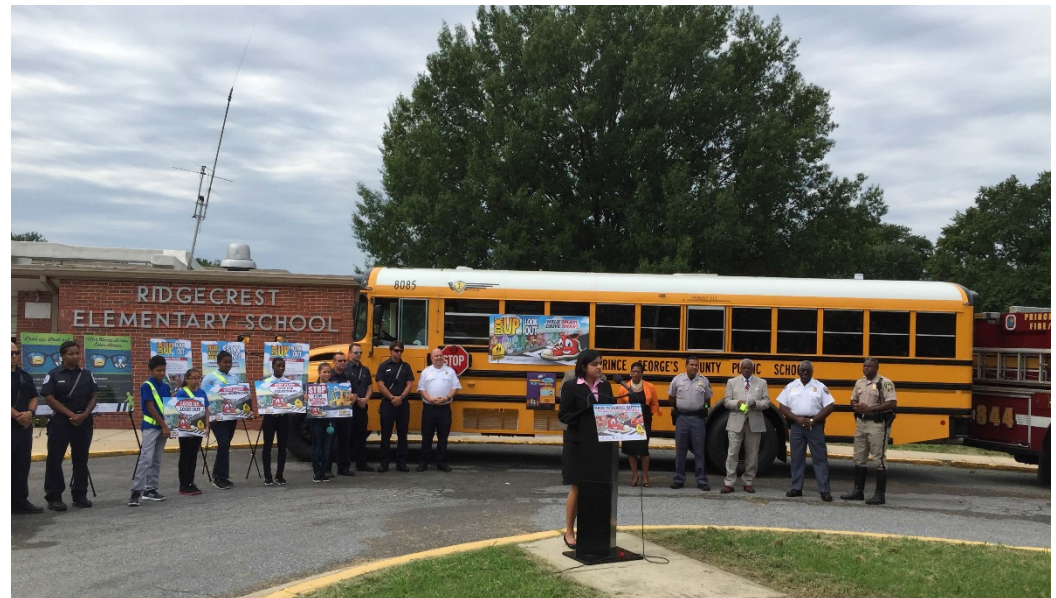
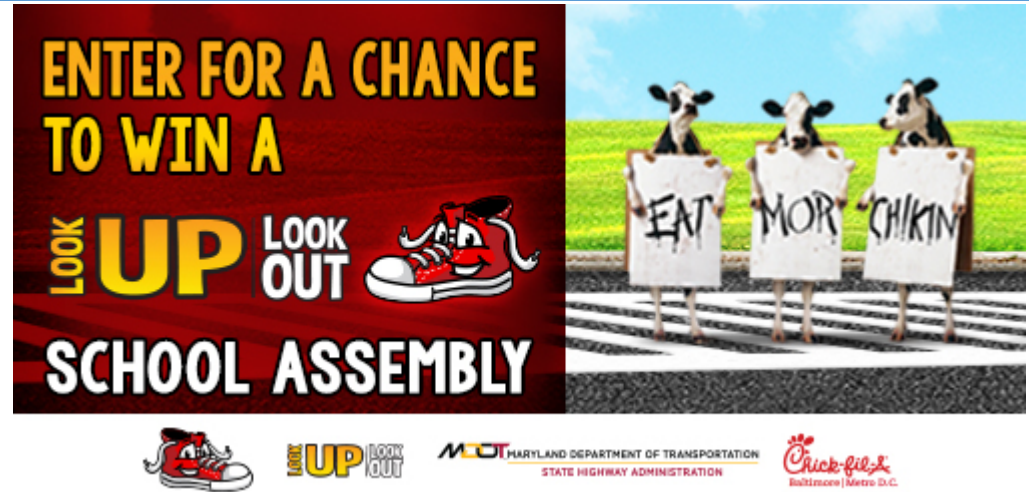
Street Smart

- New *Shattered Lives* Creative
 - 5 new messages for drivers, pedestrians, and bicyclists
- Redesigned Website
 - www.bestreetsmart.net
 - New *Partners* page links to Prince George's County
 - Smart phone compatible
- Spring Campaign Launch
 - DDOT host for Press Event - April 18th
 - Enforcement Dates April 16 - May 11 (tentative)
 - Transit Advertising
 - Radio Ads
 - Street Teams
 - Social Media
 - Pump Toppers



K-12 Safety Education

- Summer 2017
Look Up! Look Out!
Contest Winners
 - ▣ Tulip Grove
Elementary
 - ▣ Baden Elementary
 - ▣ Cooper Lane
Elementary
- Back to School fall
2017 Press Event



Pedestrian and Bicycle Safety Engineering

- Bicycle and Pedestrian Priority Areas (BPPA) designations
 - ▣ Development of bicycle and pedestrian infrastructure action plans for 1/2 mile radius
 - Prince George's Plaza
 - Largo Town Center
- DPW&T Pedestrian Roadway Safety Audits
 - ▣ High Incidence Areas - based on severity index
 - ▣ Audits and infrastructure programmed in CIP

Pedestrian and Bicycle Safety

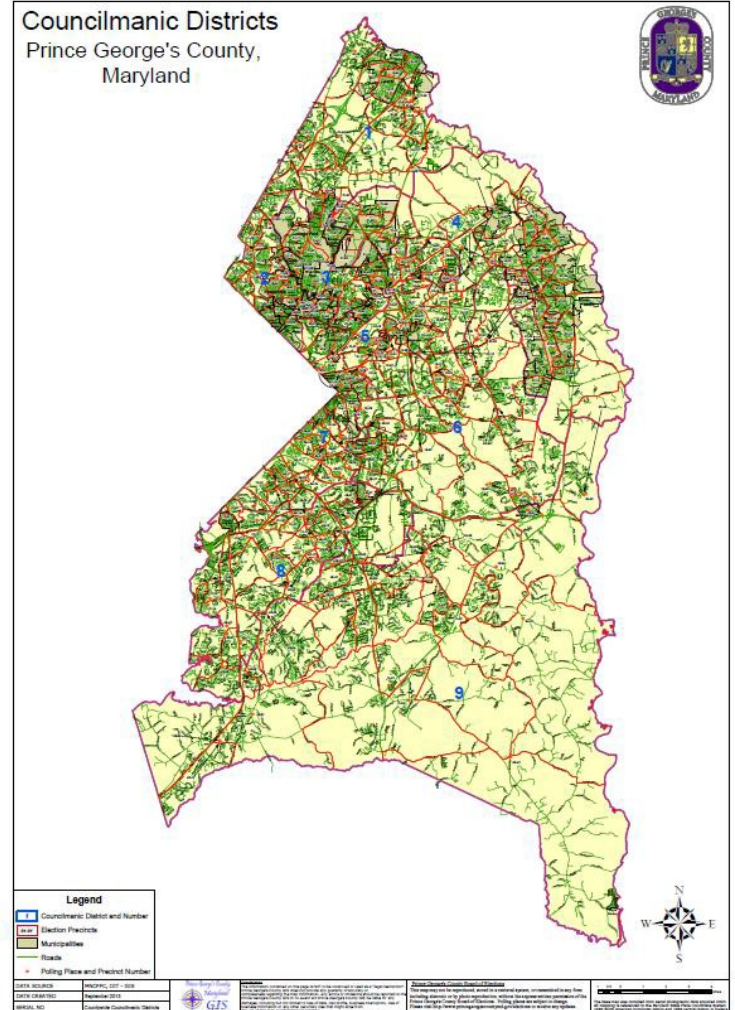
Save the
Date

Friday, May 18, 2018

Launch of Capital Bike Share
&

Bike to Work Day – Pit Stop Largo

Highway Infrastructure



2017 Construction Season Curb and Road Rehabilitation

- Concrete Repair - \$4.5 Million
 - Sidewalks, driveway aprons, curbs and gutters
 - \$500,000 per Council District

- Slurry Seal - \$1 Million

- Road Resurfacing - \$30 Million (FY17 and FY18)

2018 Construction Season

Curb and Road Rehabilitation

- Concrete Repair - \$6.0 Million
 - Sidewalks, driveway aprons, curbs and gutters
 - \$670,000 per Council District

- Road Resurfacing - \$25 Million (FY18/FY19)

Concrete Repair

□ Contracts (2)

County Based
Businesses
2 Contractors

Commenced
Work February
2018

□ Priority – Concrete Service Requests (2016 – 2018)

- Completed 2014 & 2015 Requests: 106,611 LF of Curb
- Completed 2014 & 2015 Requests: 714,231 SF of SW
- Expended \$ 5.27 Million YTD (\$4.5M FY 2017)

Slurry Seal

- Preventative Maintenance
 - Methodology includes cut and patch; crack sealing and striping
 - Extends the condition of the road for 5 years

- Costs approximately one third of resurfacing
 - Roads with a pavement condition index (PCI) above 60
 - PCI below 50 requires road reconstruction

- Expended \$4.65 Million Dollars in YTD FY 2018

Road Resurfacing Plan

- Contract Awards – All County Based
- Expended \$ 29.6 Million Dollars in FY 2017
- Expended \$ 13.5 Million Dollars YTD in FY 2018
- FY 2019 Solicitation Contractor Breakdown

Council District	Contractor
1 & 2	Contract # 1
3 & 4	Contract # 2
5 & 6	Contract # 3
7 & 8	Contract # 4
9	Contract # 5

Curb and Road Rehabilitation

Brinkley Road – Before



Brinkley Road - After



Curb and Road Rehabilitation

South Laurel Drive Before



South Laurel Drive After



Curb and Road Rehabilitation

Kenilworth Avenue @ Riverdale Road - Before



Kenilworth Avenue @ Riverdale Road - After



Curb and Road Rehabilitation

Merrimac Drive - Before



Merrimac Drive - After



Curb and Road Rehabilitation

Edmonston Road - Before



Edmonston Road - After



Curb and Road Rehabilitation

Old Landover Road - Before



Old Landover Road - After



Curb and Road Rehabilitation

Ritchie Road @ Laura Lane



Ritchie Road @ Laura Lane



Curb and Road Rehabilitation

Kings Arrow Way – Before



Kings Arrow Way - After



Curb and Road Rehabilitation

Shadyside Avenue - Before



Shadyside Avenue - After



Curb and Road Rehabilitation

Temple Hill Road @ Kirby Wood Street - Before



Temple Hill Road @ Kirby Wood Street - After



Ager Road Green/Complete Street

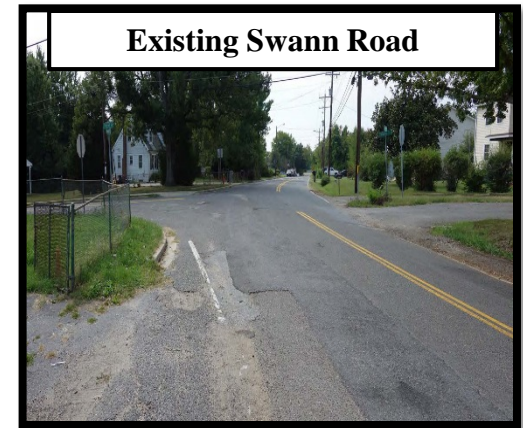
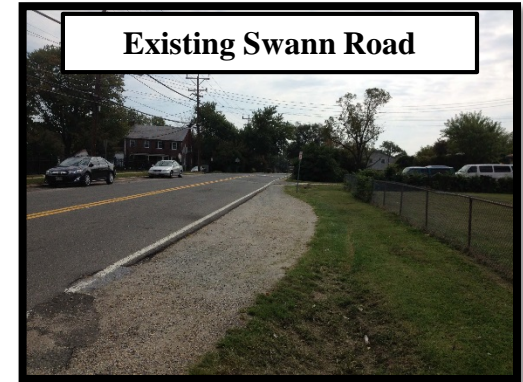
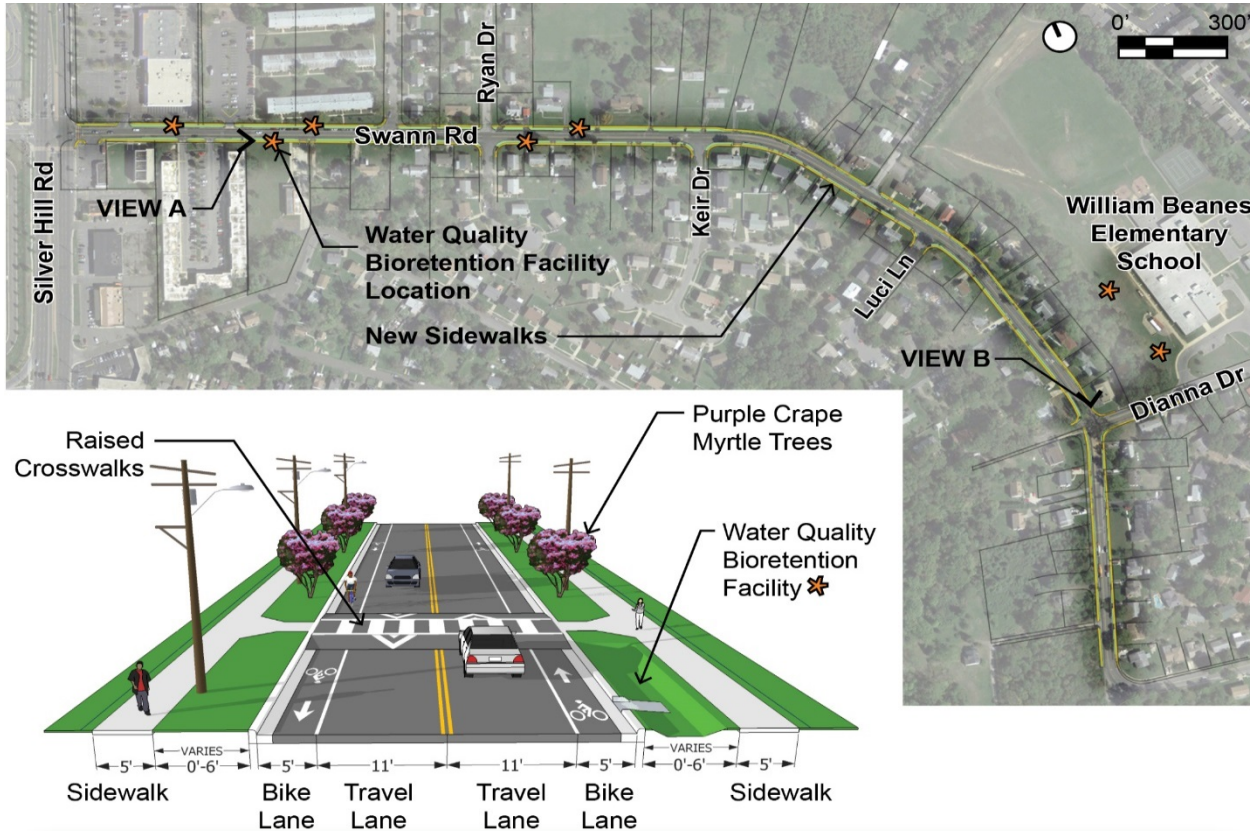


- ❖ **Project Description:** Improve appearance, safety and functionality of Ager Road. Scope also includes tree planting, storm water management and bike lane installation.
- ❖ **Current Project Status:** Project Advertised for construction
- ❖ **Estimated Completion:** Late 2020
- ❖ **Estimated Total Project Cost:** \$11 Million



Swann Road

Green/Complete Street

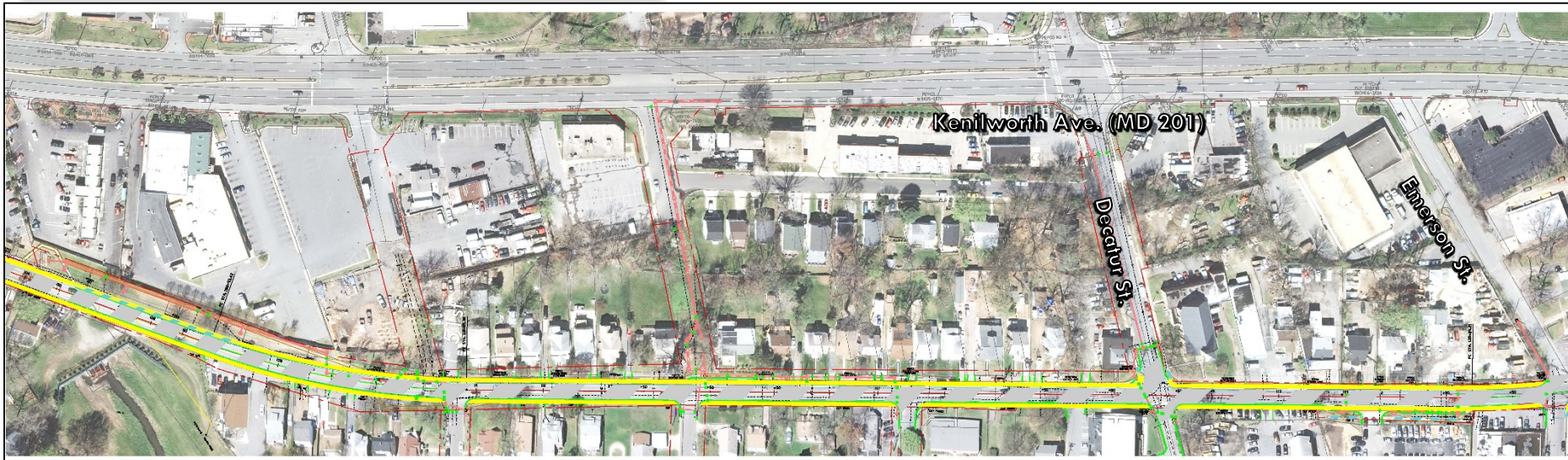


- ❖ **Project Description:** Improve appearance safety and functionality of Swann Road. Scope also includes tree planting, stormwater management and bike lane installation.
- ❖ **Current Project Status:** Under Construction
- ❖ **Estimated Completion:** Late 2018
- ❖ **Estimated Total Project Cost:** \$3 Million

Edmonston Road Green/Complete Street



- ❖ **Project Description:** Green/complete streets project that will improve safety, functionality and aesthetics of Edmonston Road. Project involves roadway modifications that include a road diet to reduce speeding, curb and gutter and full sidewalk treatment.
- ❖ **Current Project Status:** Under Construction
- ❖ **Estimated Completion (Phase 2):** Summer 2018
- ❖ **Estimated Total Project Cost:** \$2.5 Million (Phase 2)





Questions and Discussion