

TRANSPORTATION, HOUSING AND ENVIRONMENT COMMITTEE BRIEFING

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION



Rushern L. Baker, III
County Executive



Darrell B. Mobley
Director

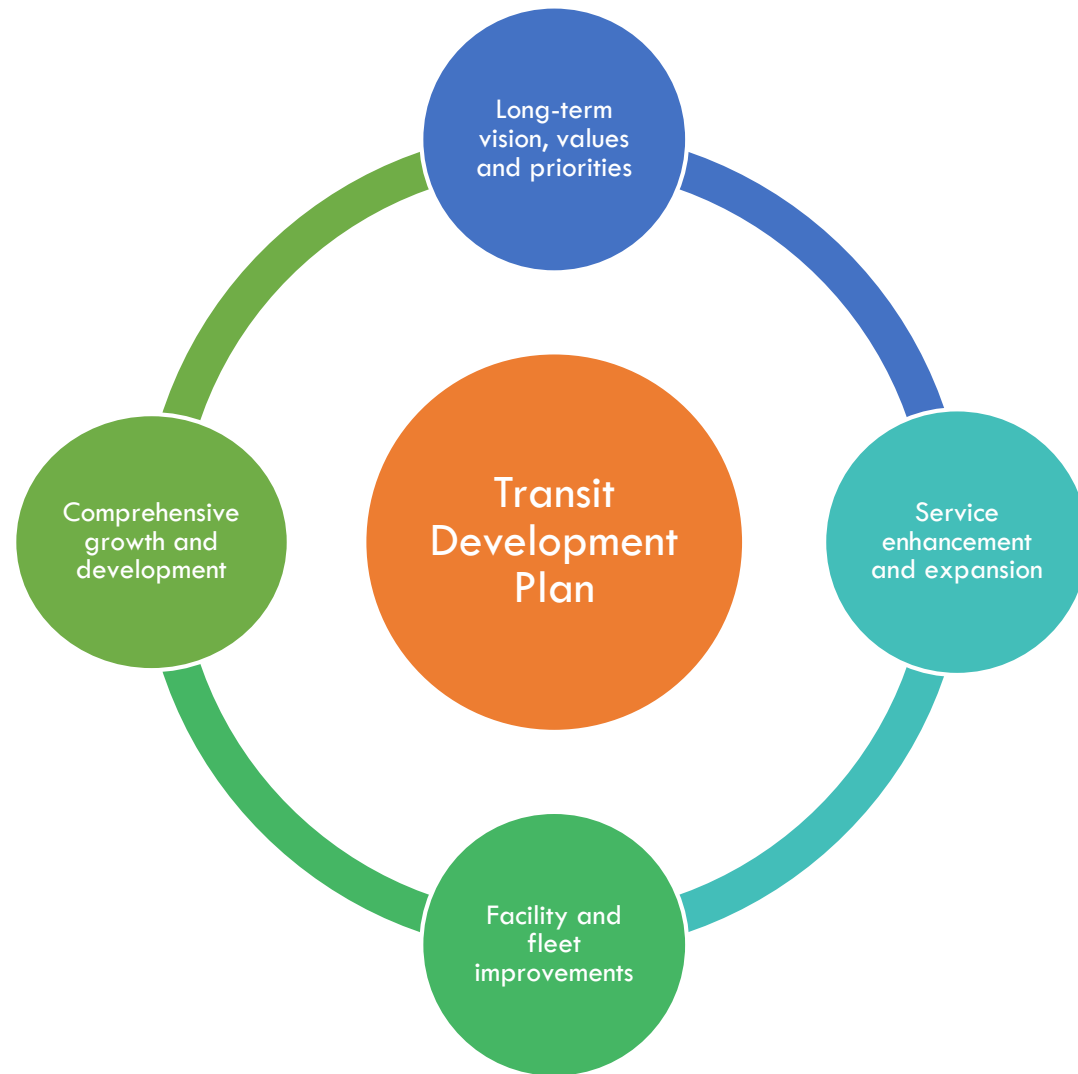
March 1, 2017

TRANSIT DEVELOPMENT PLAN



© George Vasquez-Pujalt 2012

Transit Development Plan Overview



Transit Development Plan Timeline



Existing and future residential and commercial activity	
Konterra	National Harbor
Bowie	Laurel
Greenbelt	Upper Marlboro, greater area
Purple Line	Largo

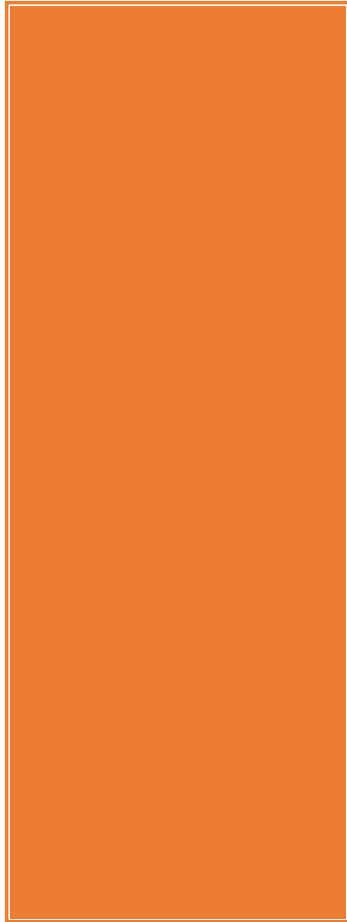
What can you do?



Prince George's County Council Members

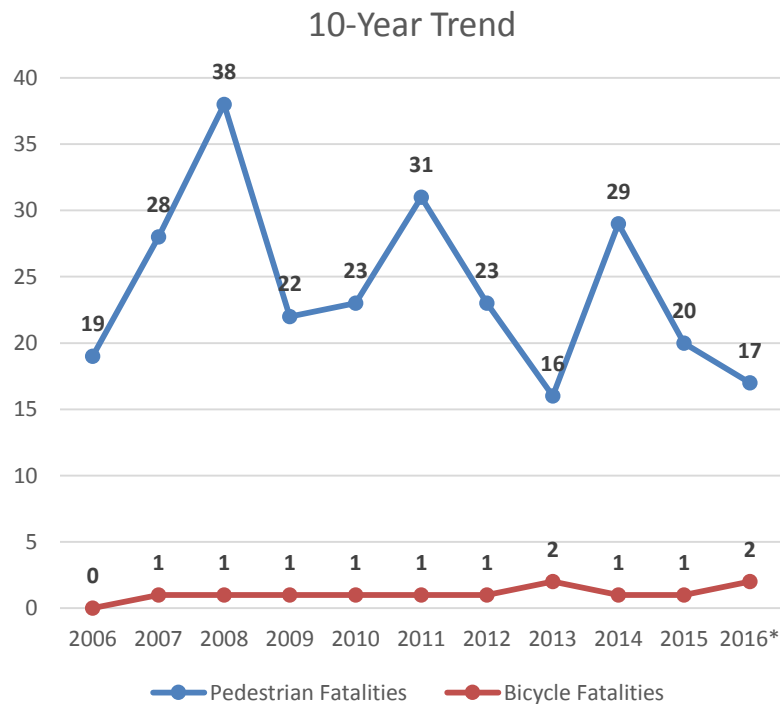
- Participation and support
- Engagement with constituents
- Implementation

PEDESTRIAN AND BIKE SAFETY PROGRAM

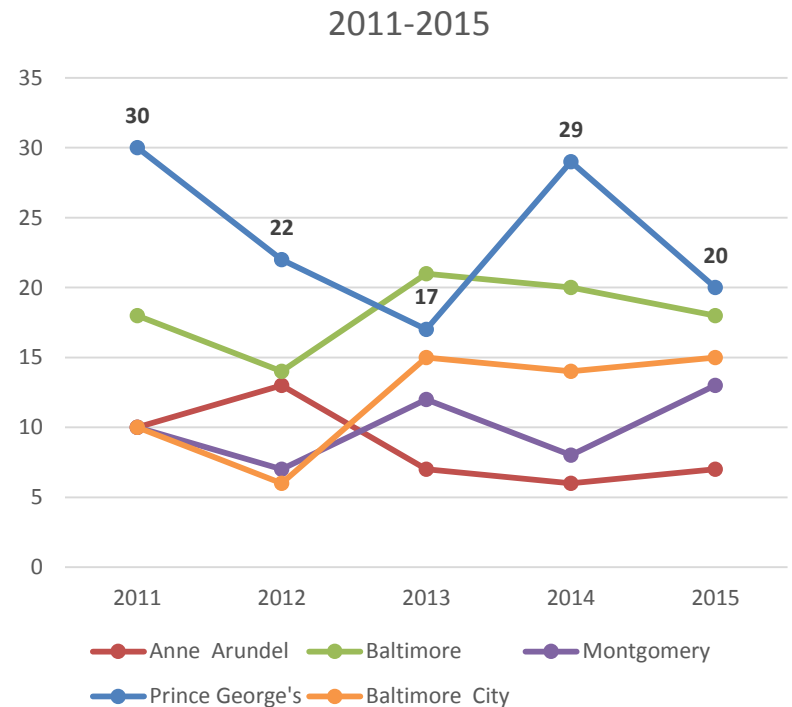


Need for a Comprehensive Approach

Pedestrian and Bicycle Fatalities Prince George's County



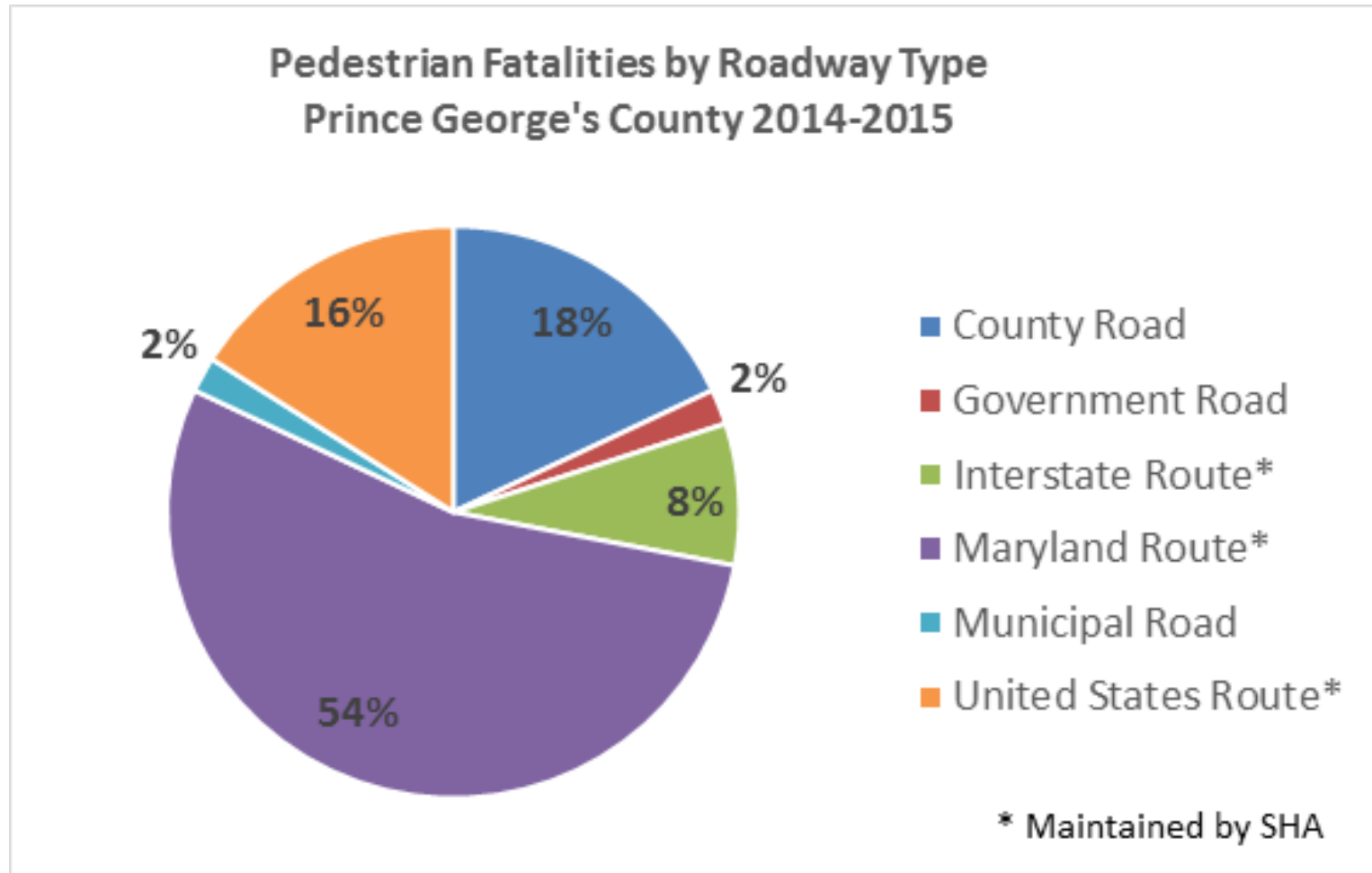
Pedestrian Fatalities Statewide



Source: Maryland Department of Transportation, Maryland Highway Safety Office

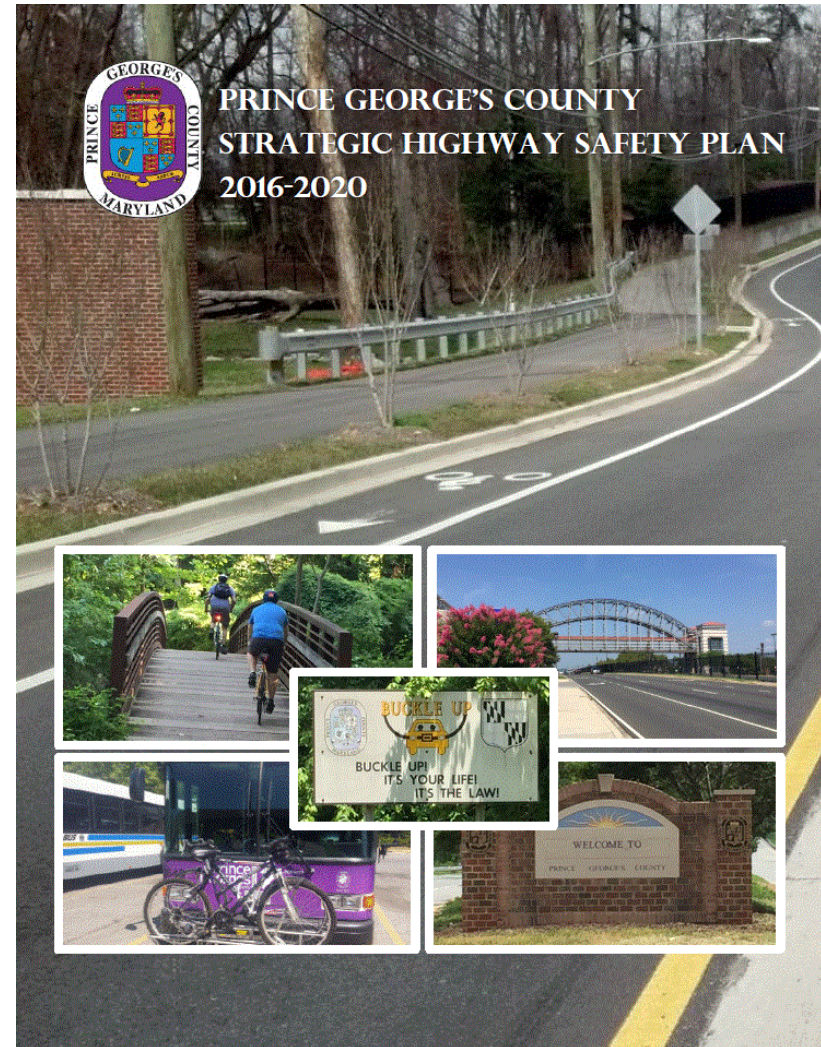
*2016 data is preliminary

Where Pedestrian Fatalities Occur



Strategic Highway Safety Plan

- *Toward Zero Deaths*
 - ▣ Framework for reducing vehicle related fatalities and serious injuries
 - ▣ Executive Committee
 - ▣ Emphasis Area Committees
 - Action Plans
- Reduction goals for fatalities and serious injuries
- 5-year Plan + Annual Reporting
- Launch in late March
 - ▣ Maryland SHSP
 - ▣ DC Vision Zero



Local, State & Regional Coordination

Prince George's County Pedestrian and Bicycle Safety Work Group (CR-37-2013)
Prince George's Healthcare Action Coalition Pedestrian Safety Workgroup
Prince George's County Bicycle and Trails Advisory Group

Inter-Municipal Bikeways Working Group
Riverdale Area Pedestrian Safety Working
Maryland Bicycle and Pedestrian Advisory Committee
Southern Maryland Bicycle and Pedestrian Infrastructure Committee

Metropolitan Washington Council of Governments Bicycle and Pedestrian Subcommittee
Capital Trails Coalition

Street Smart

- Fall 2016 Campaign
 - ▣ Southern Avenue press event with Chief Stawinski
 - ▣ Enforcement Activation at Addison Road Metro
 - ▣ DPW&T Street Teams
 - Central Ave.,
 - University Blvd/New Hampshire Ave
 - Branch Ave/Naylor Road Metro
 - Kenilworth Ave
 - ▣ *The Bus* wraps + WMATA tails
 - ▣ Pumptoppers
 - ▣ Television & digital media

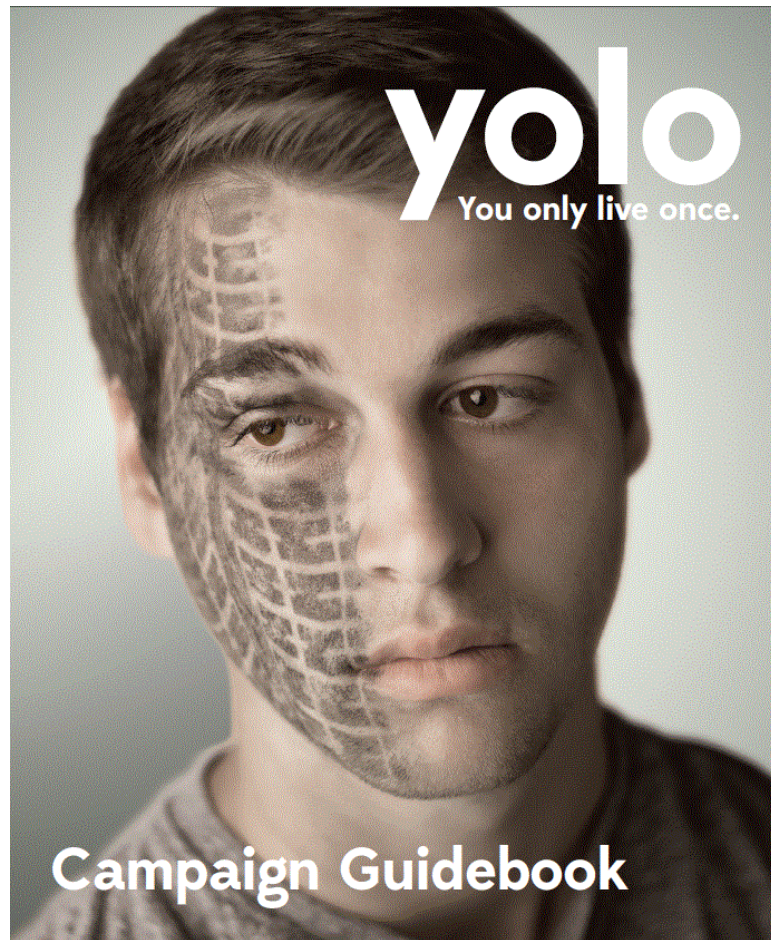


Street Smart

- Spring 2017 Campaign
 - ▣ Takoma Langley Transit Center press event
 - ▣ Enforcement Activation
 - April 11-17 (tentative)
 - ▣ DPW&T Street Teams
 - Deployed to HIA areas
 - ▣ Pedestrian Alert Zones (new)
 - Two-sided lawn signs
 - Non-slip sidewalk graphics
 - ▣ The Bus wraps + WMATA tails
 - ▣ Pump-toppers
 - ▣ Television
- New Creative – Fall 2017



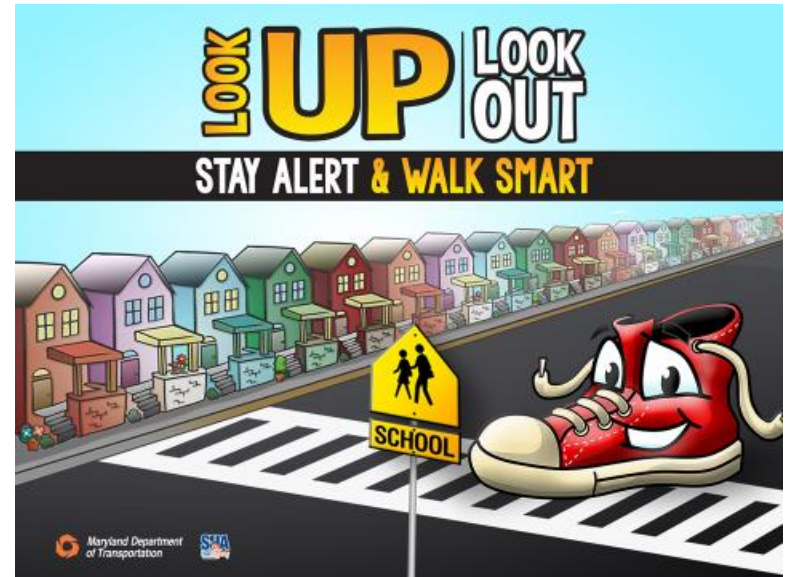
K-12 Safety Education



yolo
You only live once.

Campaign Guidebook

Montgomery County Department of Transportation
High School Pedestrian Safety Toolkit



Engineering

- Bicycle and Pedestrian Priority Areas (BPPA) designation for Prince George's Plaza
 - Traffic Management Plans
 - Prioritize bike/pedestrian infrastructure (1/2 mile radius)
 - 2018 applications use Plan 2035 designated regional transit districts - local centers
- DPW&T Pedestrian Roadway Safety Audits
 - High Incidence Areas - based on severity index
 - Audits and infrastructure programmed in CIP


Bike Share Program

- Feasibility Study
- Capital Funding
 - FY'18 budget,
 - Grants
 - Private investments
- Operation & Maintenance Funding
 - FY'18 budget
 - Municipal contributions
 - Memberships
 - User fees
 - Advertising
 - Station and system wide sponsorship
- Station siting
 - Coordination with CaBi and municipalities



Proposed Bicycle Initiatives



- **Safety Education**
 - Washington Area Bicyclist Association partnership with PGCPS between 2008-2012
 - Bicycle Safety Education Bill (PG 403-17) introduced by Delegate Barnes
 - Washington Area Bicyclist Association Adult education
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LITTER

- Litter past and present

- ▣ FY 14 – 1,606 tons = 16,060,000 pounds

- ▣ FY 15 – 1,202 tons = 12,020,000 pounds

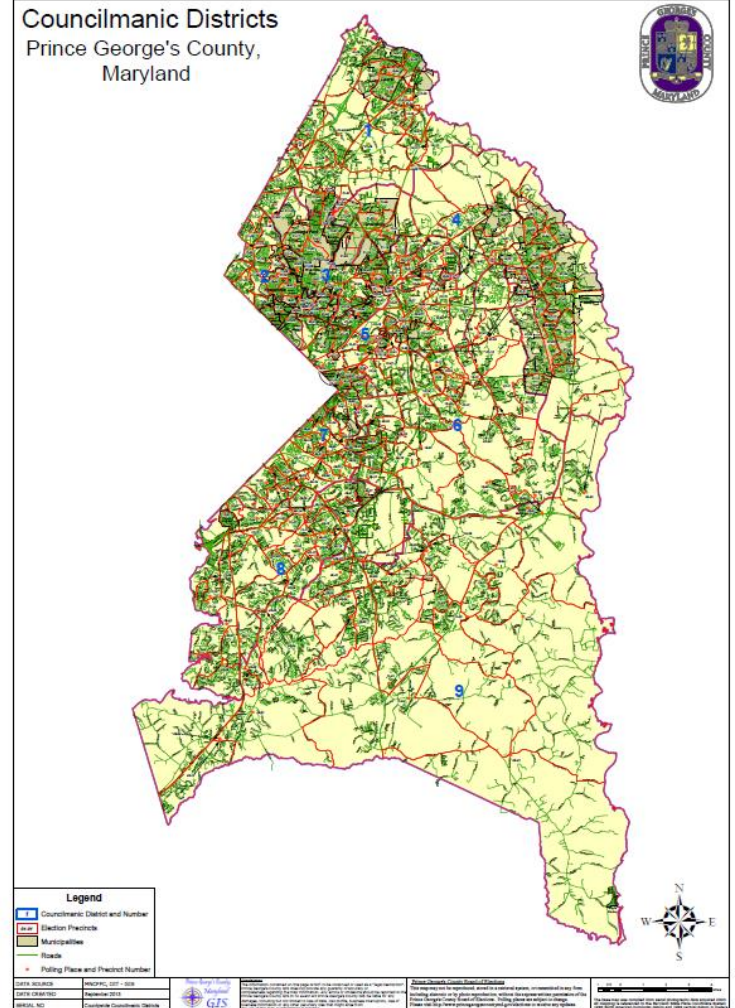
- ▣ FY 16 – 1,627 tons = 16,270,000 pounds

- ▣ FY 17 – 1,021 tons = 10,210,000 pounds

(July – December)

- Contract Award and Notice to Proceed expected
April 2017

ROAD RESURFACING



2017 Funding

Curb and Road Rehabilitation

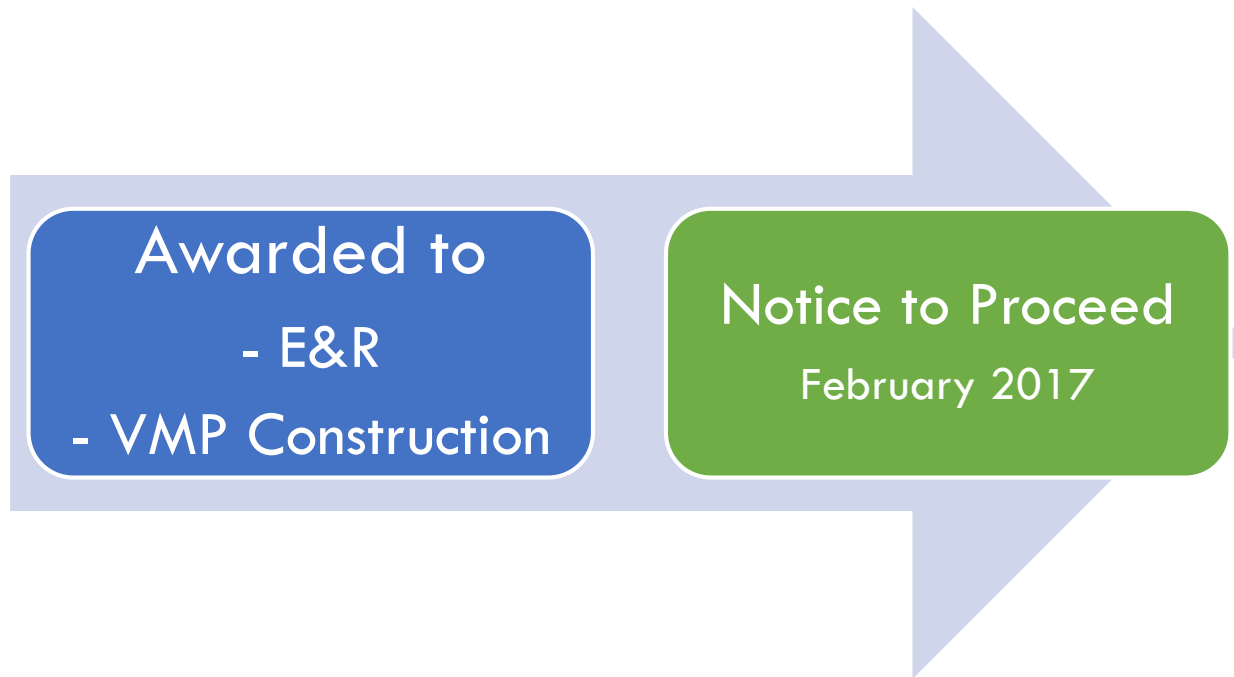
- Concrete Repair - \$4.5 Million
 - ▣ Sidewalks, driveway aprons, curbs and gutters
 - ▣ \$500,000 per Council District

- Slurry Seal - \$1 Million

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

Concrete Repair

- Contracts (2)



- Priority – Concrete Service Requests (2014 – 2016)
 - ▣ Over 1,500 such requests received

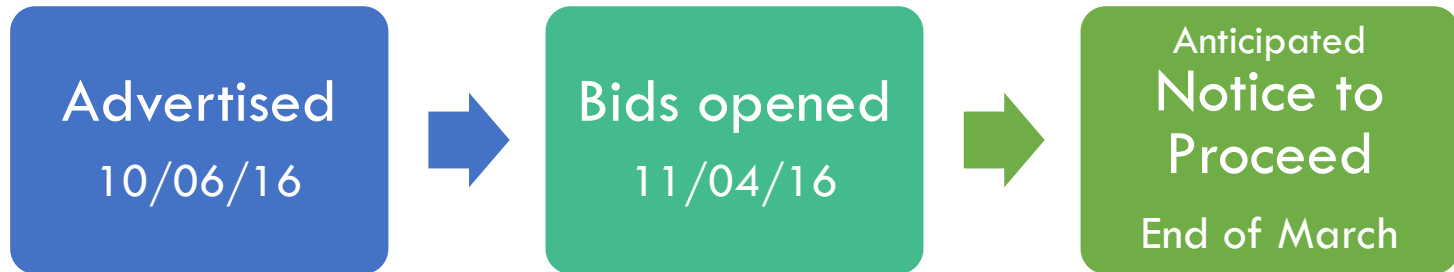
Slurry Seal

- 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

Road Resurfacing Plan

□ Contracts (5)



□ Contract Awards

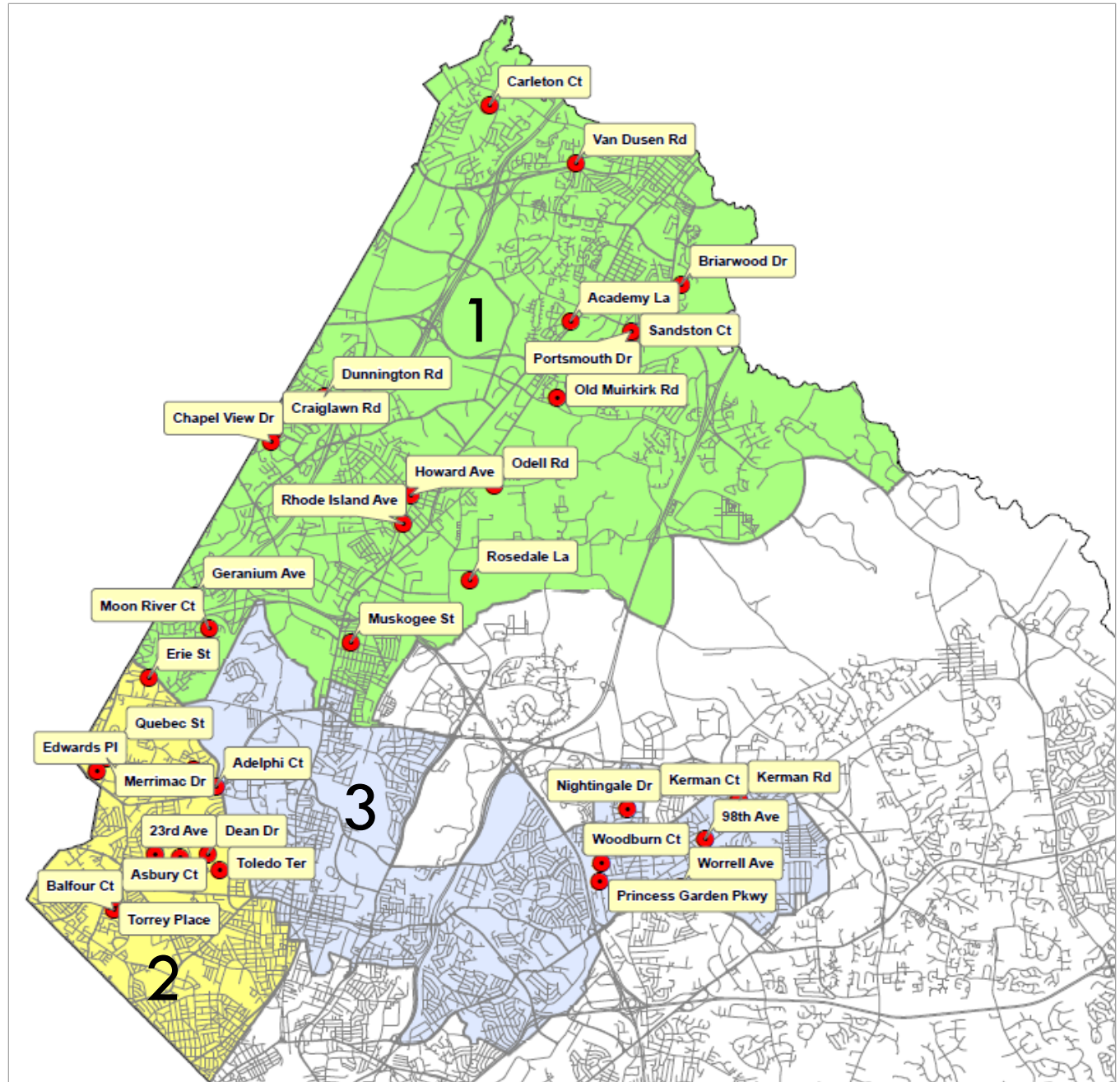
Council District	Contractor
1	VMP Construction
2 & 3	NZI Construction
4 & 5	E&R Services
6 & 7	D&F Construction
8 & 9	Olney Masonry

Road Resurfacing Plan

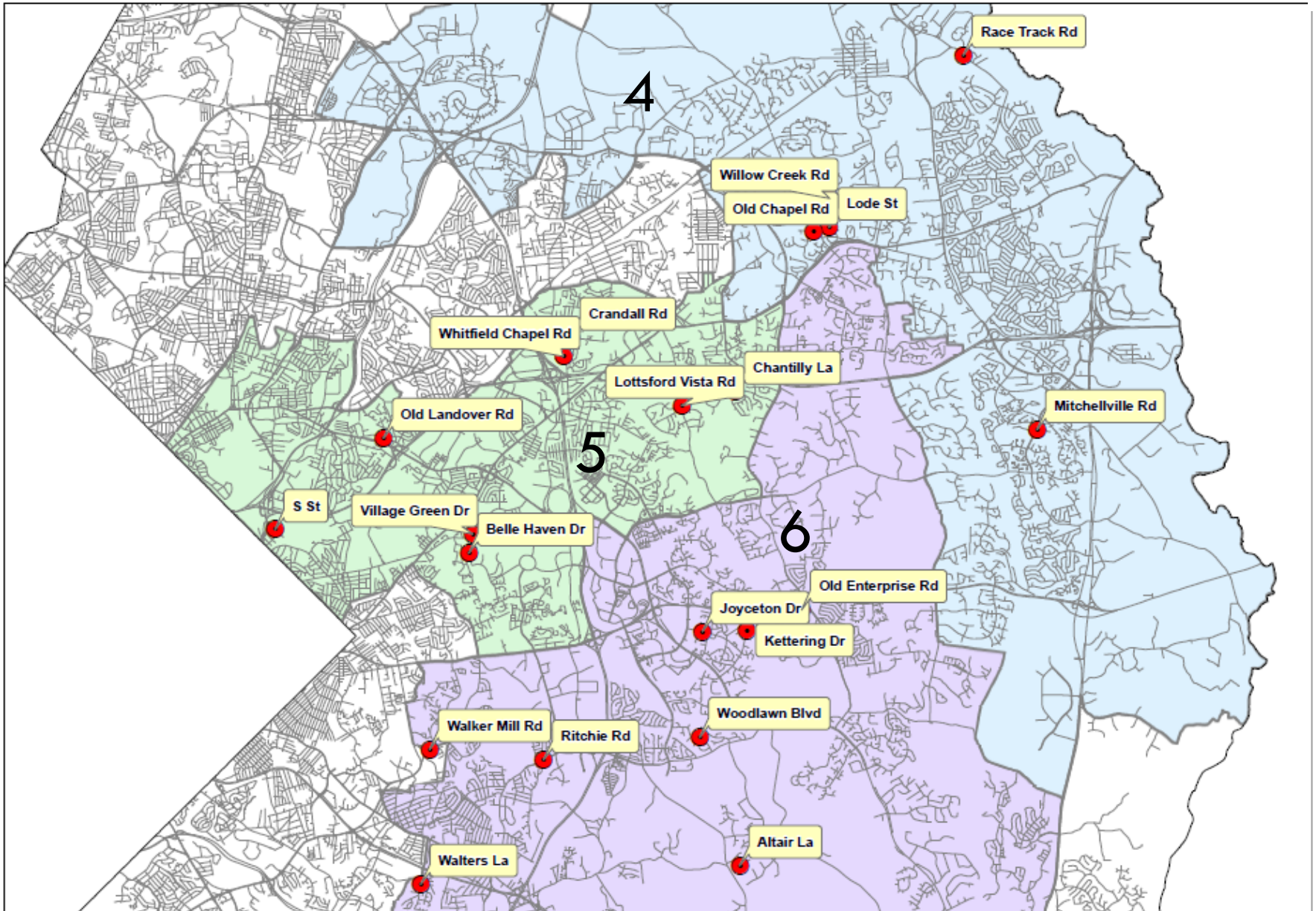
- Roads identified within every Council District
- Services
 - ▣ Under drain
 - ▣ Base repair
 - ▣ Concrete repair, (as needed)
 - ▣ Mill and overlay
- Work scheduled for the 2017 Construction Season
(weather permitting)



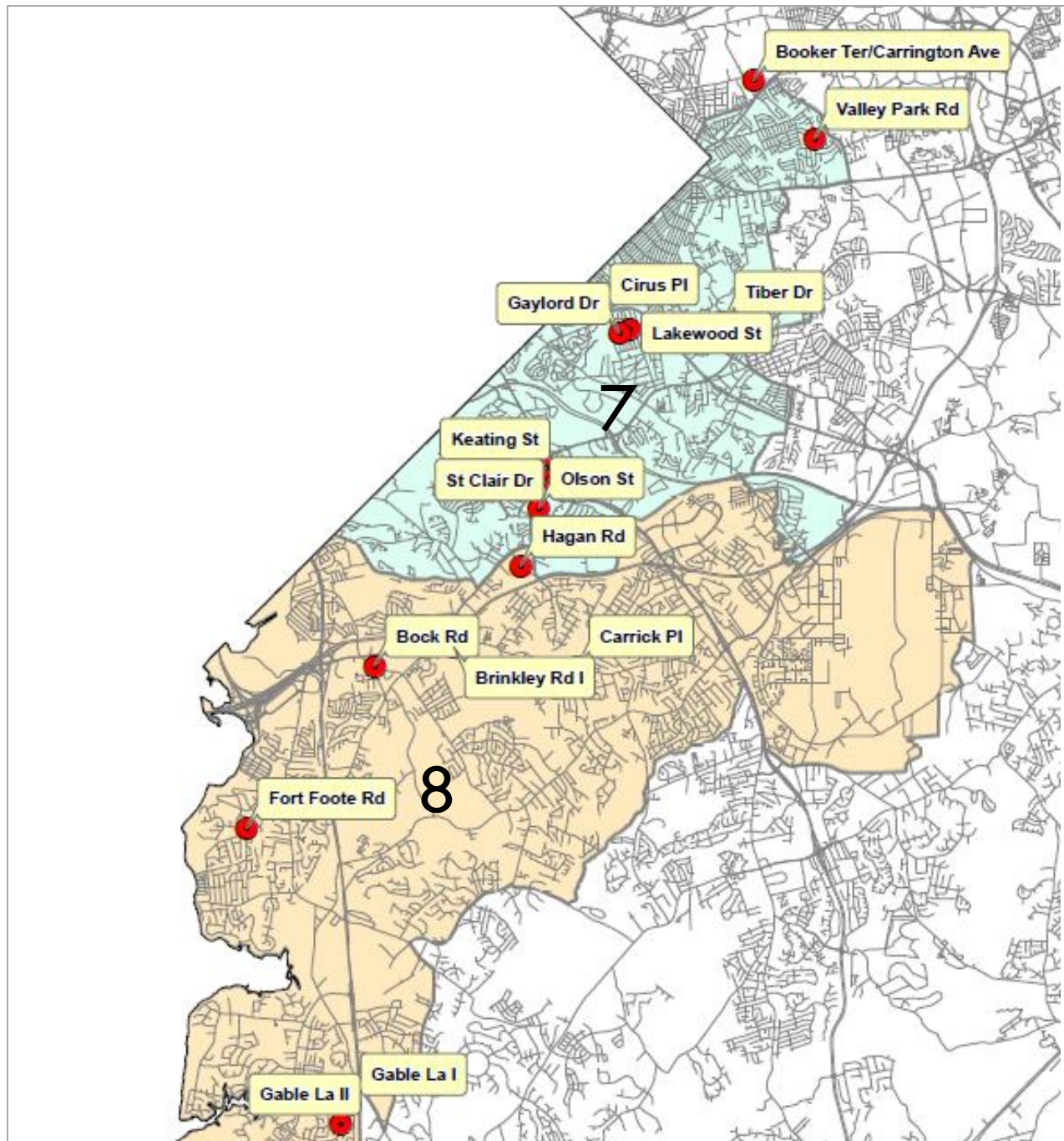
Districts 1, 2 and 3



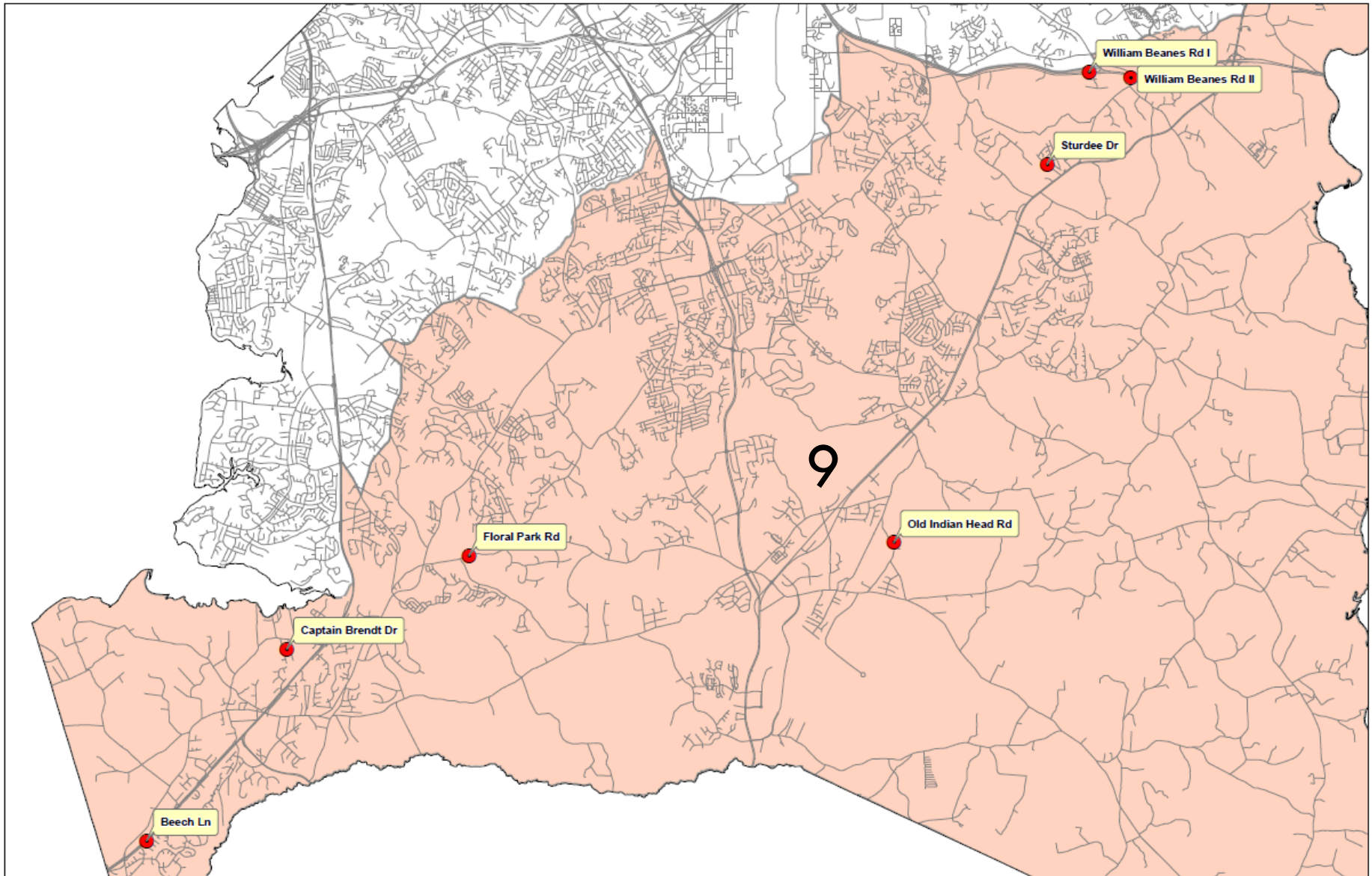
Districts 4, 5 and 6



Districts 7 and 8



District 9



Jaywick Ave, Fort Washington

- Residential 2-lane collector road and culvert (originally built in 1965) crosses over the Henson Creek Tributary
- Only access for an apartment complex (100+ units)
- Culvert severely damaged



Jaywick Ave, Fort Washington

- Construction began August 2016



- Project completed February 2017

South Springfield Road, Brandywine

- ❑ Rural 2-lane collector road and culvert (originally built in 1962) crosses over the Burch Branch Tributary
- ❑ Floral Park Road and Accokeek Road (MD 373) - District 9
- ❑ Road and culvert washed away in heavy rain fall



South Springfield Road, Brandywine

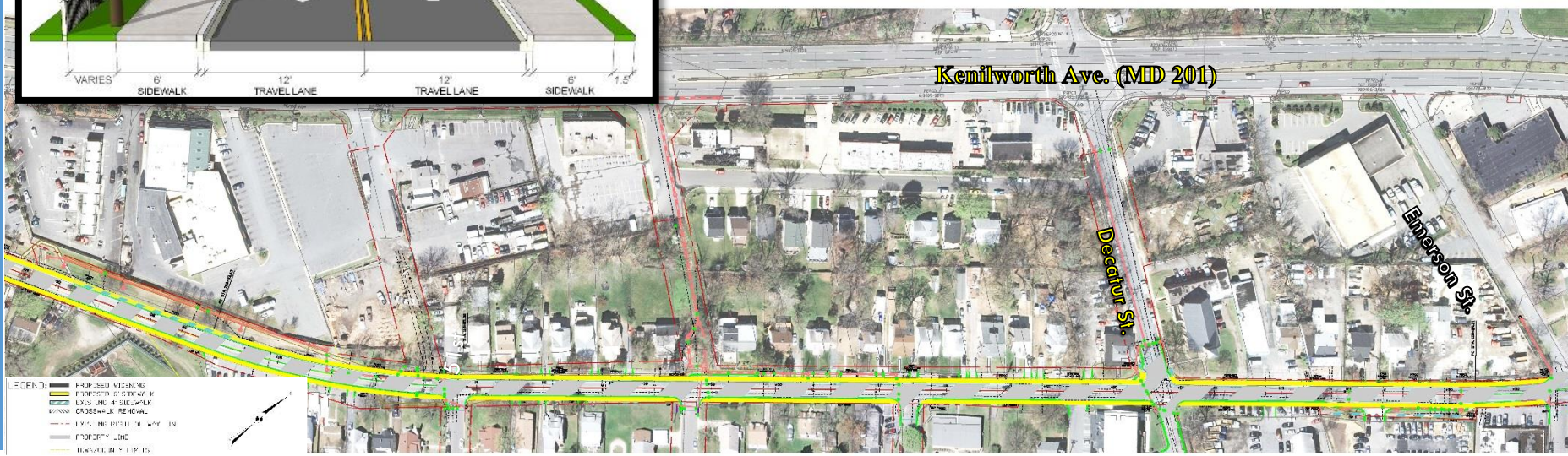
- Design completed June 2015
- Construction began October 2015



- Road opened October 2016

Edmonston Road Green/Complete Street Improvement

- ❖ **Project Addresses:** Pedestrian Safety
- ❖ **Current Project Status:** Under Construction
- ❖ **Estimated Completion (Phase 2):** Fall 2017
- ❖ **Estimated Total Project Cost:** \$2.5 Million (Phase 2)



Edmonston Road

QUESTIONS?