



# Transportation Briefing

## Silver Spring Citizens Advisory Board

Al Roshdieh, Director

September 9, 2019



*Montgomery County Department of Transportation*



## MCDOT Priorities

- Create a Balanced Transportation System
  - Road Network
  - Transit
  - Bicycle & Pedestrian Mobility
- Promote Economic Development & Smart Growth
- Involve & Support Our Community

# Priority:

## Create a Balanced Transportation System

### County road network

- MD 355 Crossing
- White Flint Western Workaround
- Seminary Road
- Snouffer School Road
- Infrastructure maintenance
- Parking improvements



## Priority:

# Create a Balanced Transportation System

## State road network project status

- I-270 Integrated Corridor Management – under construction
- I-270 / I-495 Managed Lanes Project – alternatives retained for detailed study (including MD 200 diversion alternative)
- I-270 / Watkins Mill Interchange – under construction
- MD 97 / Montgomery Hills – study phase nearly completed
- MD 97 / Brookeville Bypass – under construction
- MD 97 at Randolph Road Interchange – complete
- BRAC Intersection Improvements / MD185 at Jones Bridge Road – utility relocation in process
- US 29 – Mobility & Reliability Study – results expected fall 2019

# Priority:

## Create a Balanced Transportation System

### Transit: Ride On

- Wi-Fi on all buses
- Kids Ride Free all the time
- New Ride On Flex on-demand transit pilot
- Limited-stop Ride On Extra service on MD 355
- Westfield Montgomery and Takoma-Langley Transit Centers
- 65 new Ride On buses since July 2017
- Real time transit screens

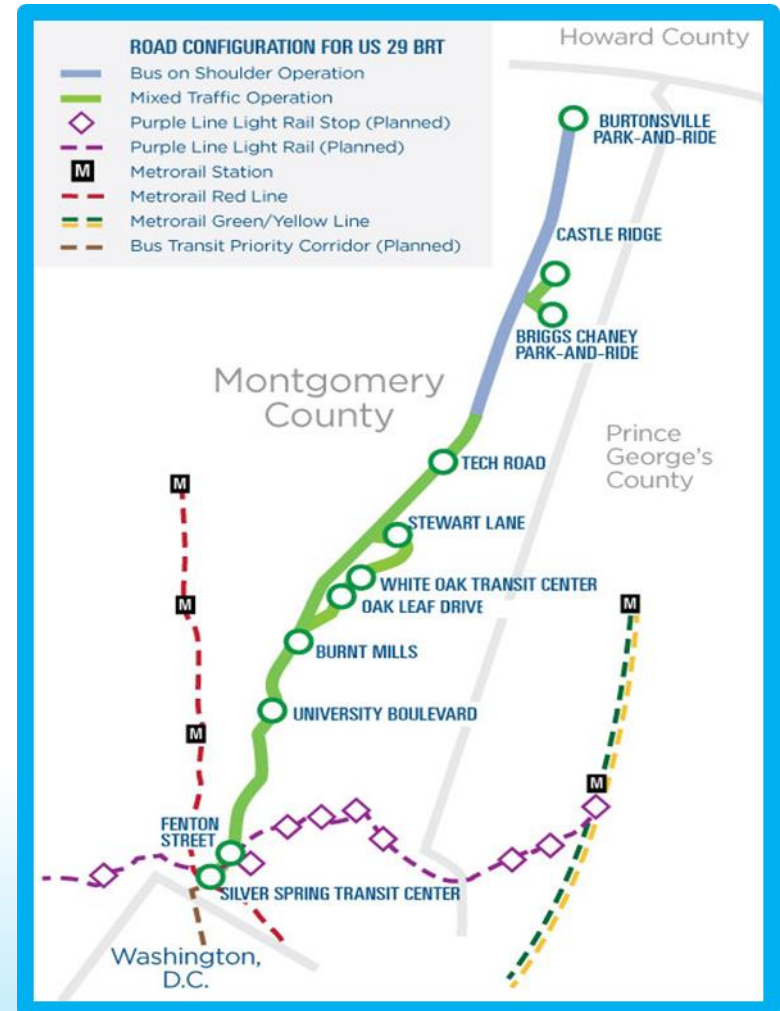


# Priority:

## Create a Balanced Transportation System

### Transit

- Purple Line
- US 29 FLASH BRT
- MD 355 FLASH BRT
- Veirs Mill Road FLASH BRT
- New Hampshire Avenue FLASH BRT
- Corridor Cities Transitway
- North Bethesda Transitway

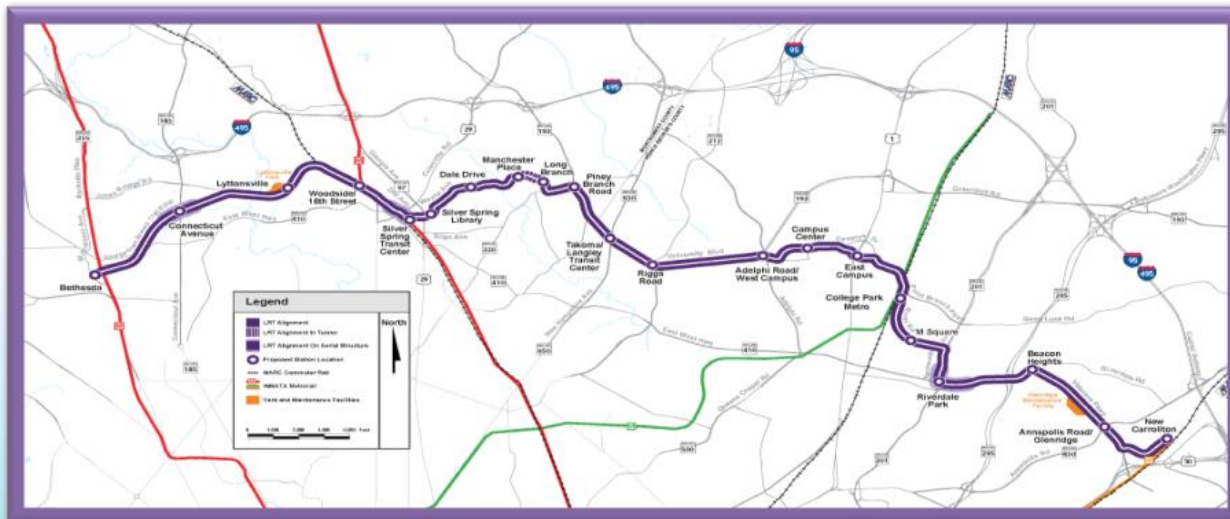


# Priority:

## Create a Balanced Transportation System

### Transit: Purple Line

- 16.2 miles - under construction across the alignment from Bethesda to New Carrollton. Projected to last through 2022.
- Includes the Capital Crescent Trail, Bethesda South Metro Entrance, and the Silver Spring Green Trail
- Purple Line Transit Partners – concessionaire is one of the largest public private partnerships in the country



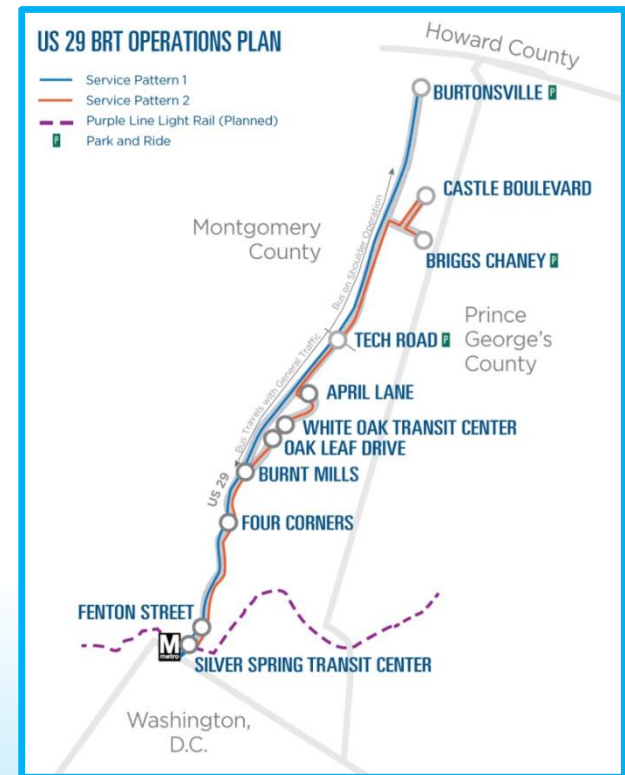


# Priority:

## Create a Balanced Transportation System

### Transit: US 29 FLASH BRT

- 14 mile corridor
- 11 BRT stations
- 40% of alignment on US 29 in dedicated Bus on Shoulder
- Construction funding:
  - \$10 million Federal TIGER grant;
  - \$21 million County funds
- 12 platforms now under construction
- Start of service: May 2020

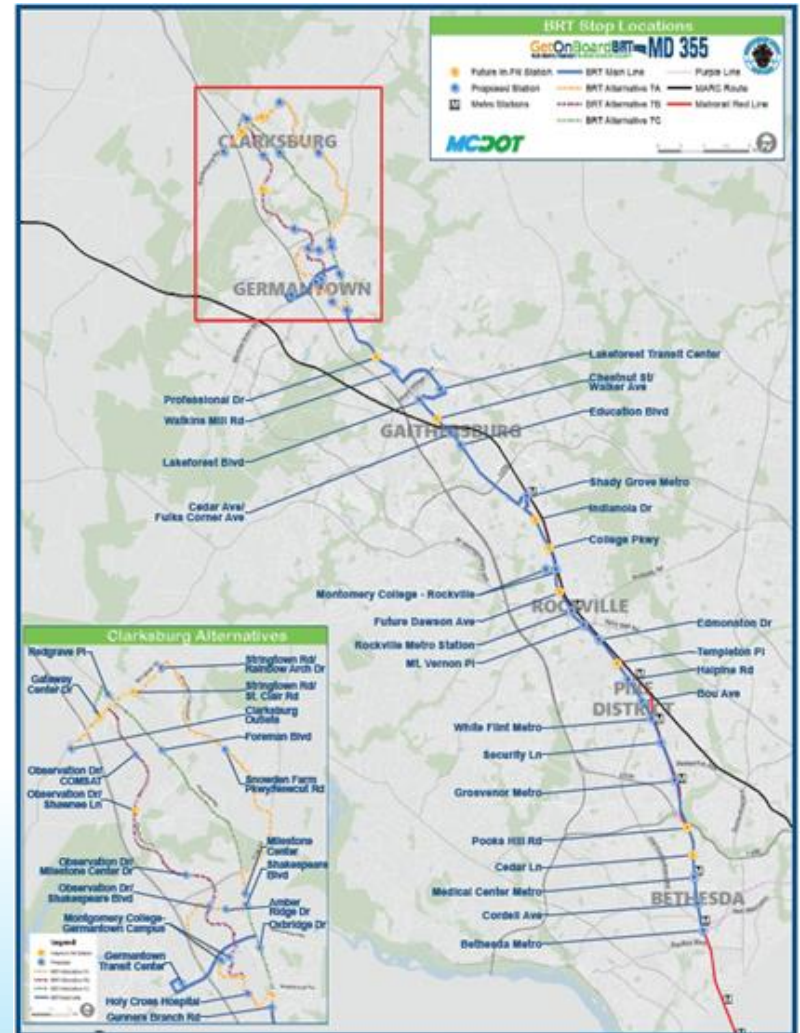




# Create a Balanced Transportation System

# MD 355 FLASH BRT

- 22-mile corridor
- 28 BRT stations
- County completed a review of the conceptual alternatives – summer 2019
- Results shared with County Council
- MCDOT received funding (\$3M) to advance the project into preliminary engineering in FY20

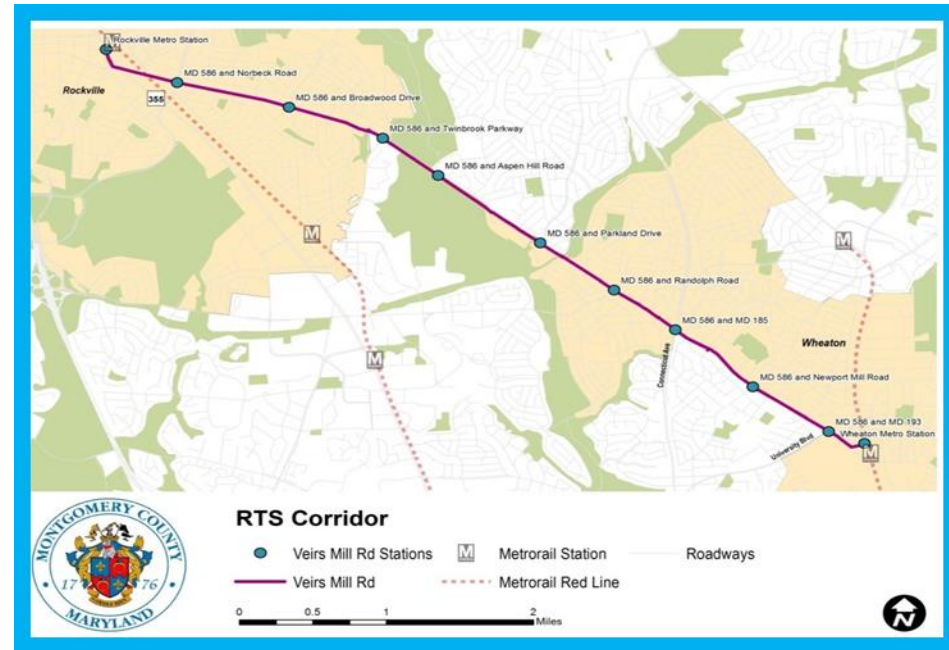


# Priority:

## Create a Balanced Transportation System

### Transit: MD 586 BRT

- 6 mile corridor
- 11 BRT stations
- Extension up to Montgomery College along MD 355
- Recommended alternative selected in 2017
- Funding approved in CIP to complete preliminary engineering in FY19 and FY20



# Transit: Corridor Cities Transitway

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# Priority:

## Create a Balanced Transportation System

### Metrorail and Metrobus

- Eliminated all Metrorail turnbacks at Grosvenor (2018) and Silver Spring (2019)
- Working with MCDOT on new station entrances: Medical Center & Bethesda
- Funding from MD, DC and VA to support state of good repair
- Continued early rail system closures for nighttime maintenance/repair
- Studying joint development opportunities at Rockville, White Flint, Grosvenor and Forest Glen stations





# Priority:

## Create a Balanced Transportation System

### Bicycle & Pedestrian Safety & Mobility

- Vision Zero
- Bikeshare
- E-bikes and e-scooters
- Bicycle and Pedestrian Priority Areas (BiPPAs)
- Cycle tracks, Metropolitan Branch Trail, Capital Crescent Trail
- Bike paths created during resurfacing



VISION  
ZERO

# Priority: Promote Economic Development & Smart Growth

- Marriott
- Wheaton redevelopment
- United Therapeutics Headquarters
- PLD Public/Private Partnerships Lot 3, Lot 5/55, & Lot 31
- TDM update
- White Oak Science Gateway Master Plan



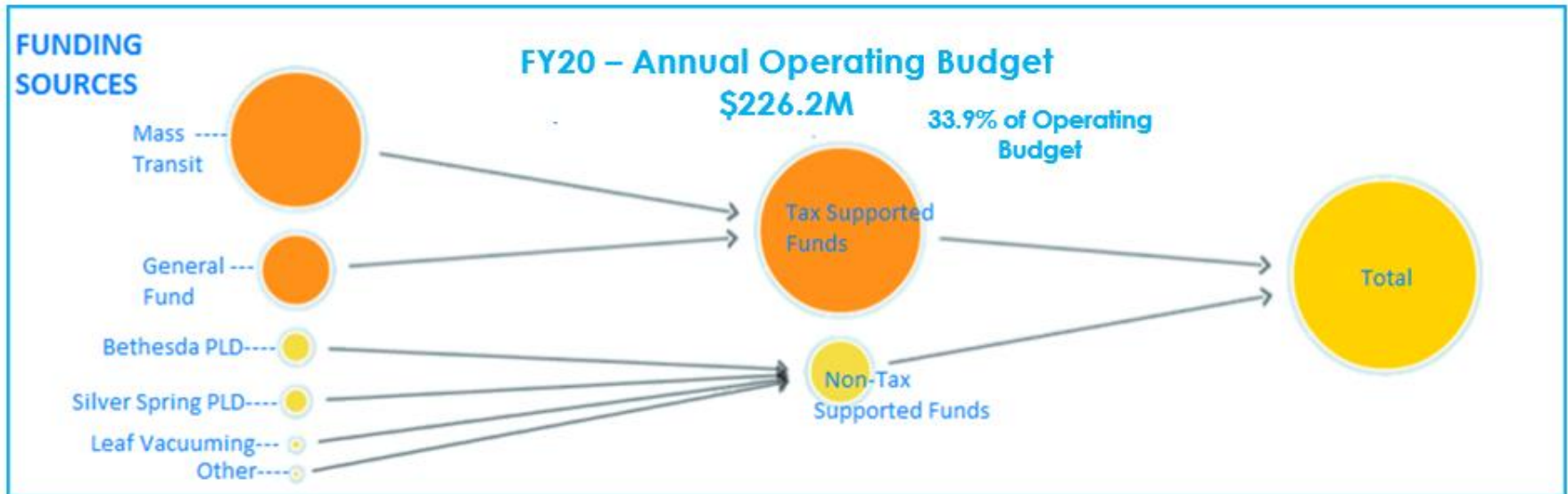
# Priority: Involve & Support the Community

- GreenFest
- Sustainability Policy
- Green initiatives – stormwater retrofits
- Programs for seniors, disabled residents, youth
- Call n Ride
- Mobile Commuter TRiPs Store
- Special events
  - Bike to Work Day
  - PARK(ing) Day





# Operating Budget

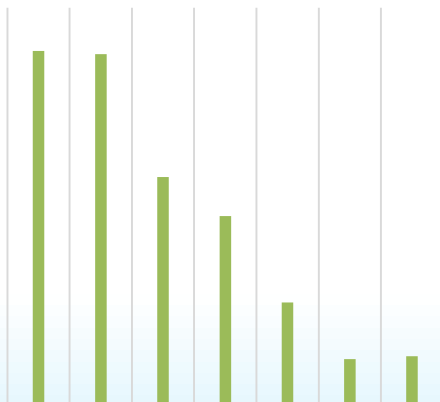
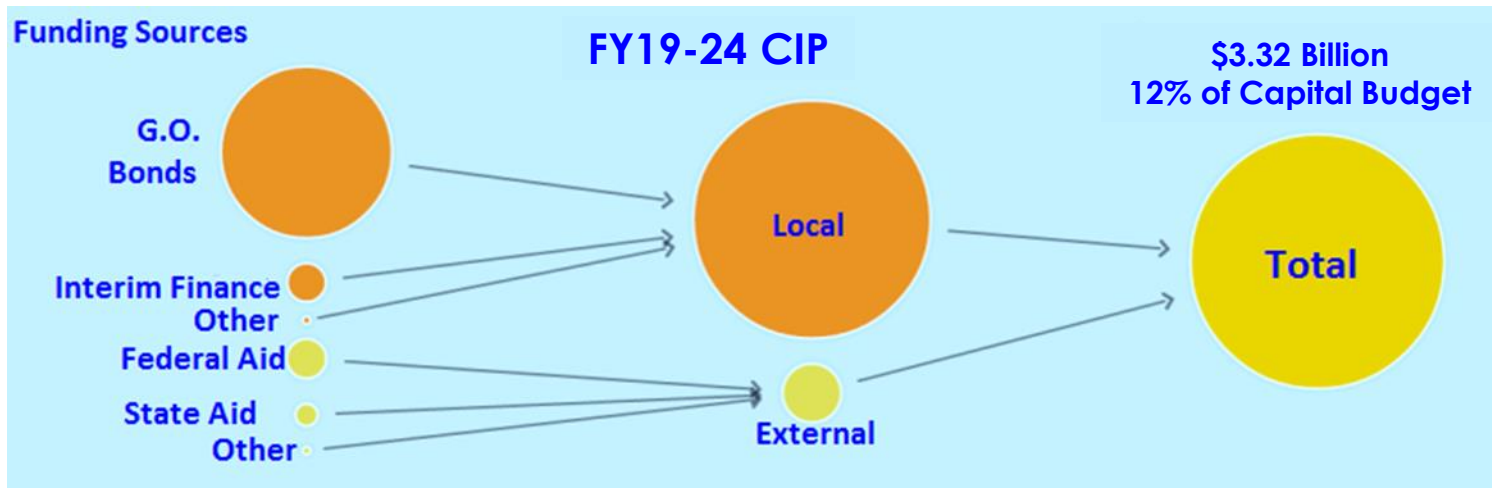


Program	Amount
Ride On	\$117,802,522
Roadway Maintenance	\$16,677,184
Parking Operations	\$10,697,484
Financial Management	\$9,478,719
Special Transportation	\$8,141,370
Administration	\$3,899,358
Parking Maintenance	\$7,208,576
Vacuum Leaf Collection	\$6,526,453
Tree Maintenance	\$4,523,201
Transit Planning	\$5,133,479
Weather Operations	\$3,463,703

## MCDOT: ~1,350 Employees

- Directors Office
- Highway Services
- Traffic Engineering & Operations
- Transportation Engineering
- Parking Management
- Transit Services

# Capital Budget



Program	Amount
Roads	\$891,536
Mass Transit	\$882,988
Highway Maintenance	\$574,056
Ped/Bike Facilities	\$476,238
Traffic Improvements	\$258,804
Parking Maintenance	\$115,997
Bridges	\$123,245



## Silver Spring Updates

- Transit Update
- Purple Line / SSTC Update
- Pedestrian & Bicycle Improvements & Infrastructure
- Road & Trail Projects
- Garage & Parking Updates
- Resurfacing Projects
- Concrete / Sidewalk Projects

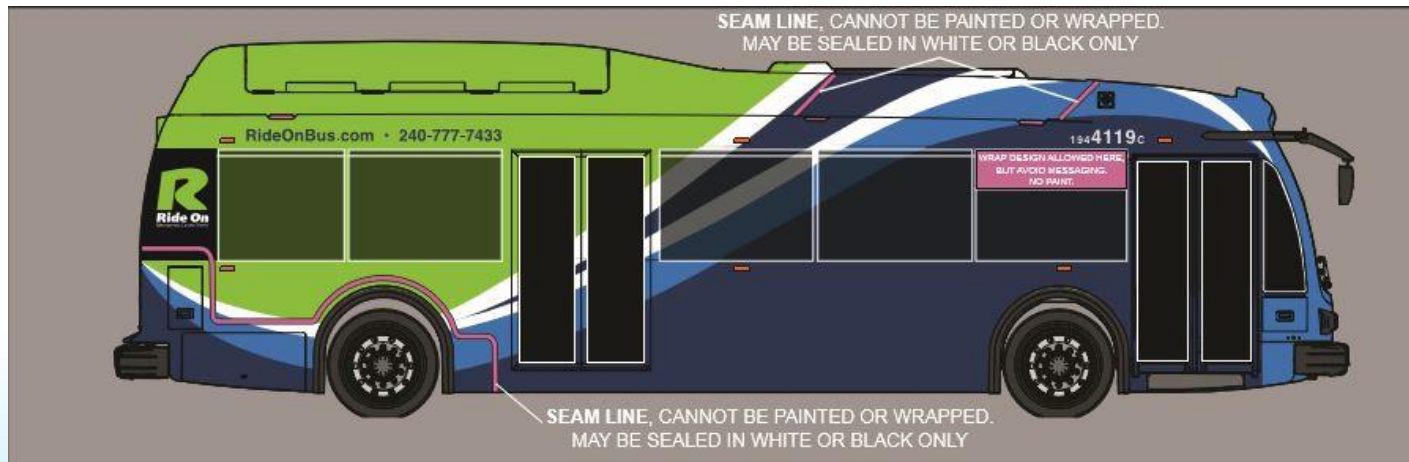
# VanGo Circulator

Specially branded  
circulator for downtown  
Silver Spring (July 2019)



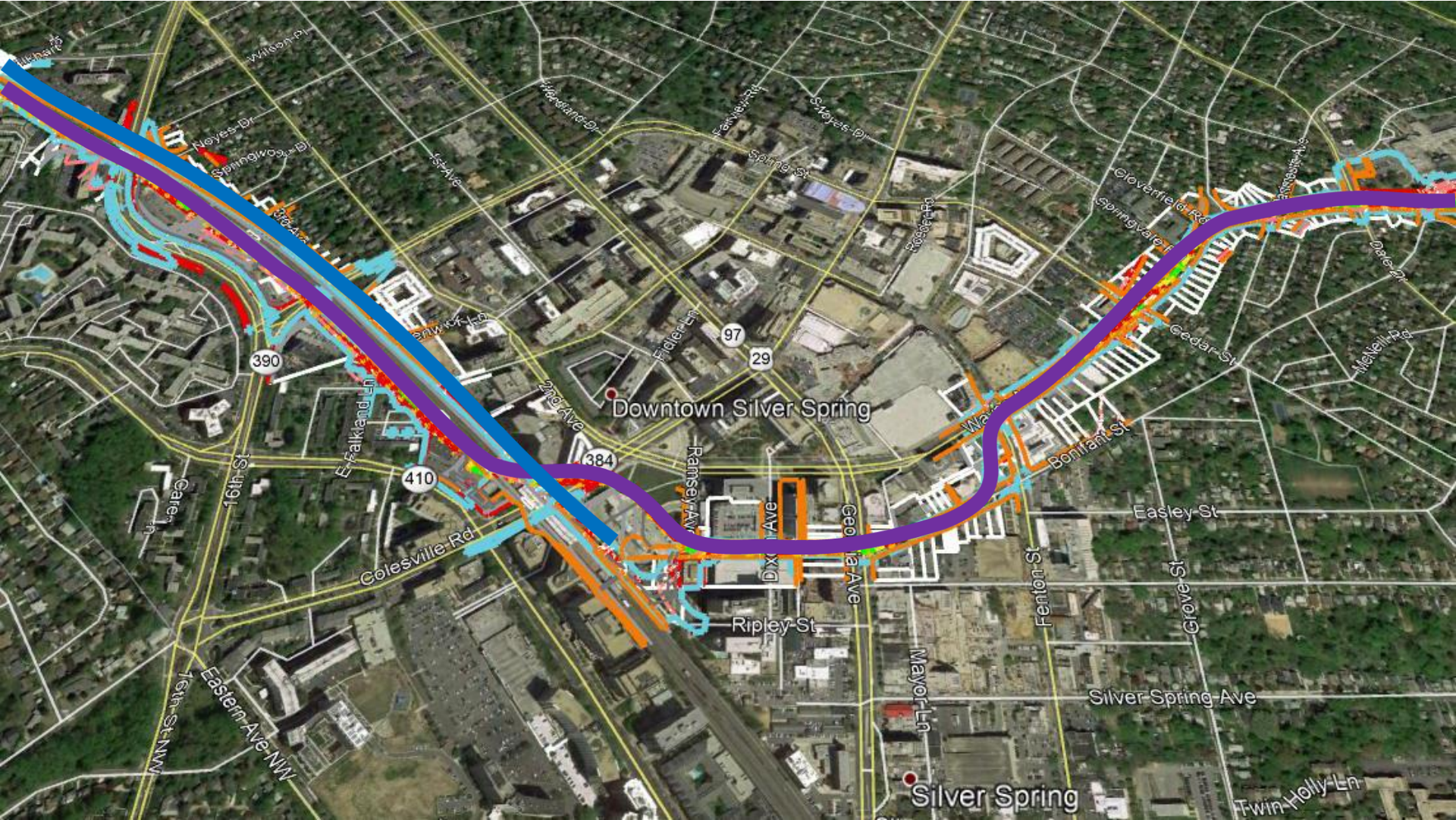
# First Electric Buses

- 4 new Proterra electric buses coming to Silver Spring area (Dec 2019)
- First in fleet of electric buses
- Supported with a federal grant



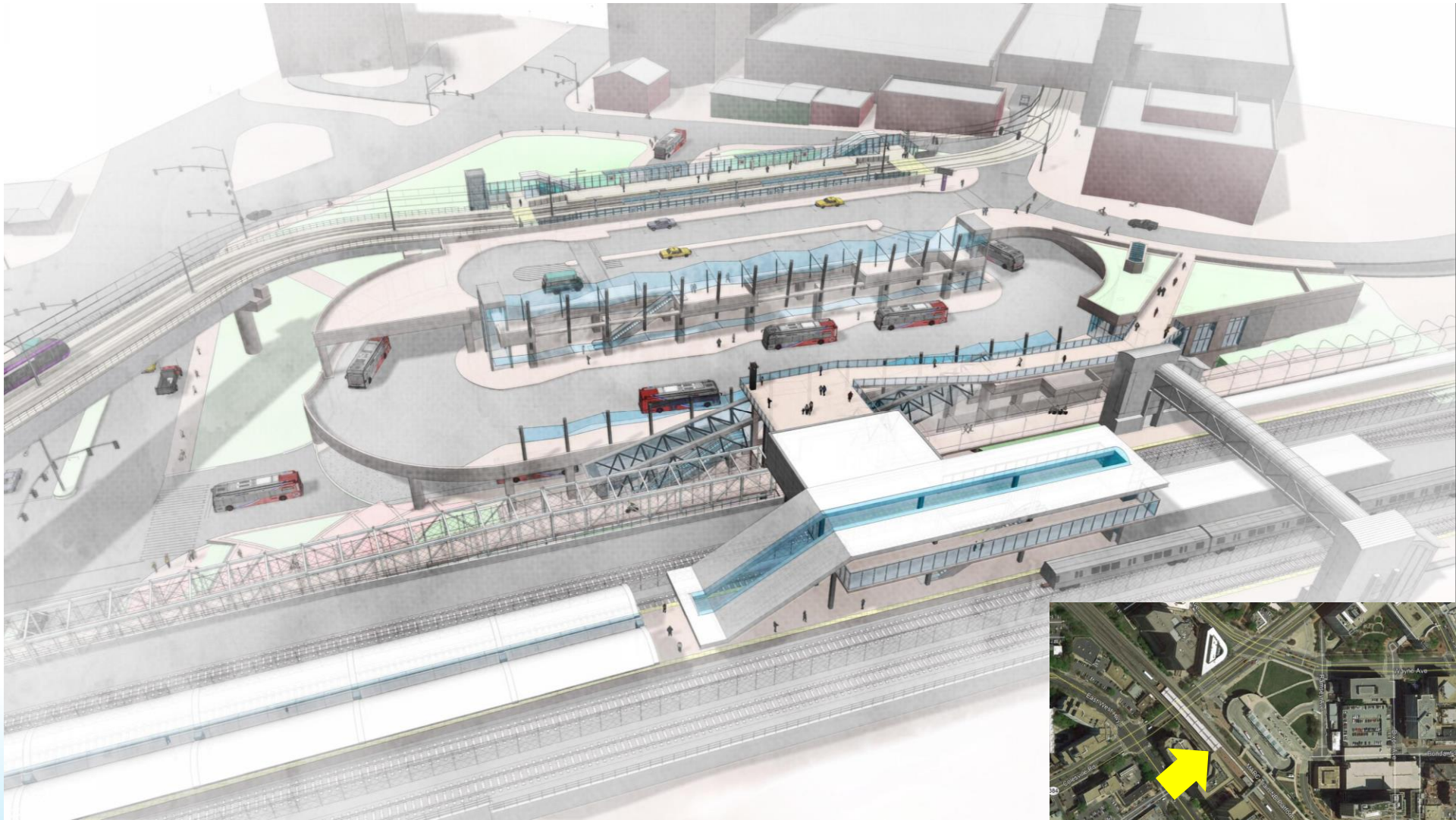


# Purple Line





# Purple Line: SSTC Major Work Elements



Get updates: [PurpleLineMD.com](https://PurpleLineMD.com)

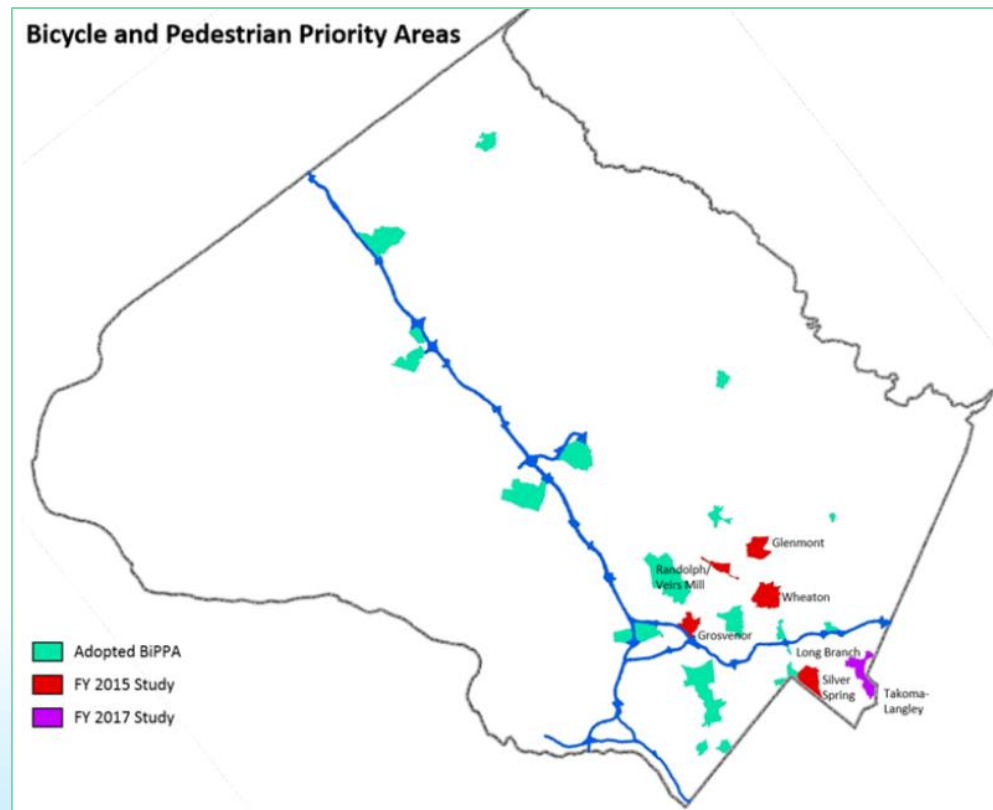
**MDOT**



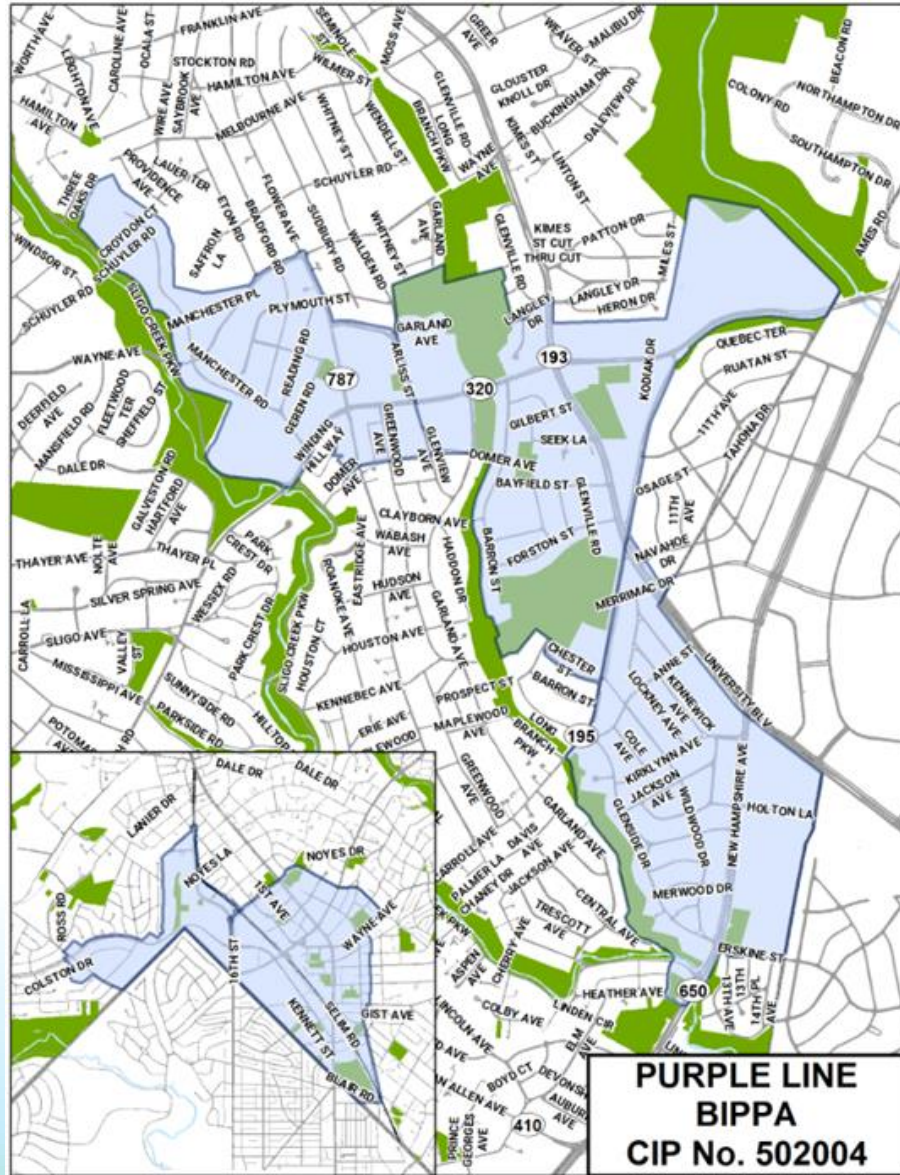
# Silver Spring Engineering Projects

## Bicycle and Pedestrian Priority Areas (BiPPAs)

- 5 separate Capital Programs in FY20
  - General
  - Purple Line
  - Fenton Street Bikeway
  - Veirs Mill / Randolph
  - Wheaton
- All bikeway projects include pedestrian & ADA safety improvements as appropriate
  - Signing
  - Marking
  - Signals



# Silver Spring Engineering Projects: BiPPAs



## Purple Line BiPPA (\$3.7M through FY24)

- Component BiPPAs: Takoma Langlely, University, Piney and other Purple Line station areas
- Priority projects include design & construction of sidewalk gaps in proximity to planned Purple Line Stations

# Silver Spring Engineering Projects: BIPPA's

**General BiPPA** (\$8.6M through FY24)

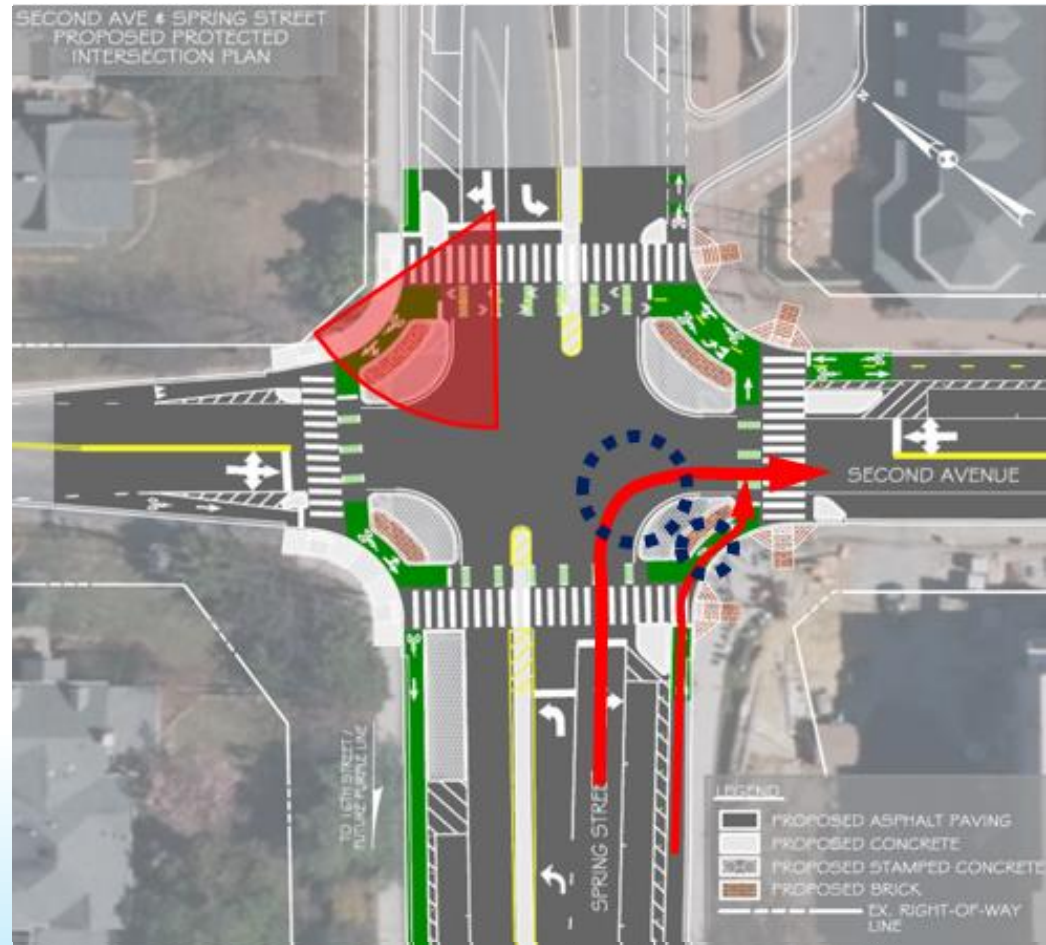
Priority Projects in Silver Spring

Design	Construction
Planning Place to Cameron Street Bikeway	Spring Street Separated Bikeway – Completed 2017
Dixon Street Separated Bikeway	Second / Wayne Ave Protected Intersection – Completion Oct 2019
Silver Spring Secure Bike Facility (Bonifant Dixon near SSTC)	Cameron Street (Georgia to Second) – Completion fall 2019

# Silver Spring Engineering Projects: BIPPAs

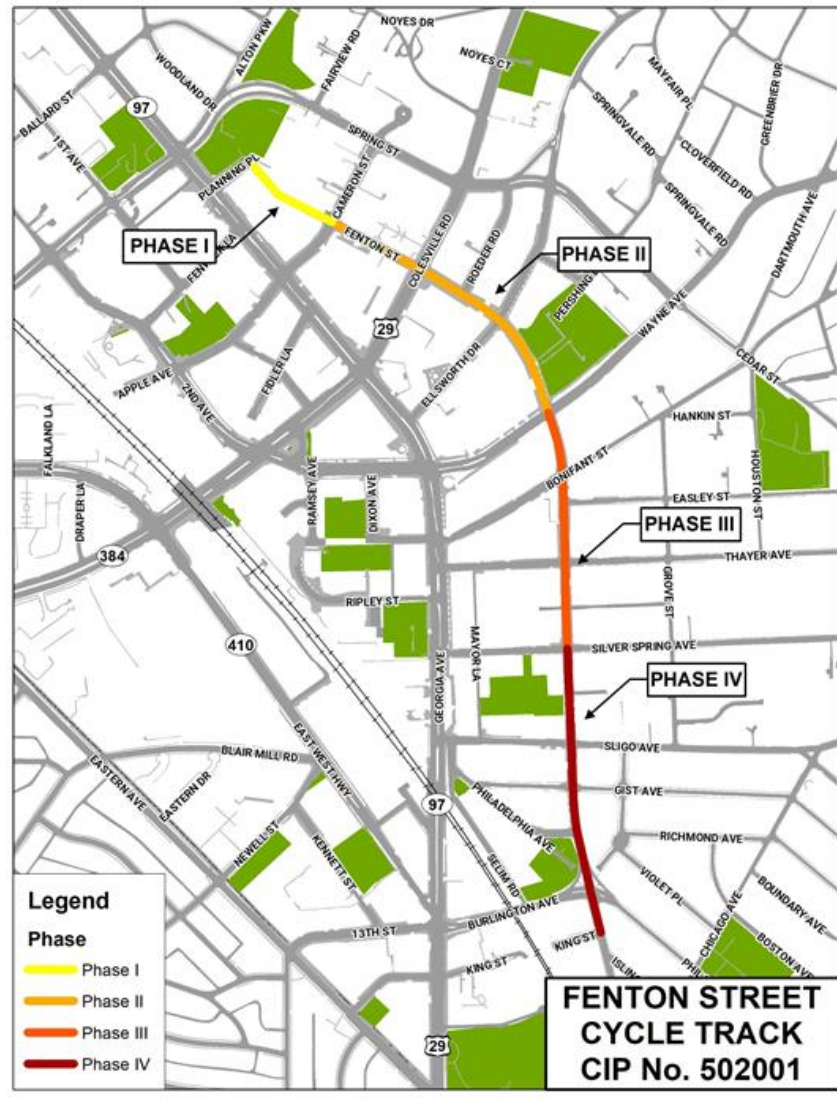
## Protected Intersection at Second & Wayne

- Corner islands
- Advanced stop lines
- Set-back crossings
- Lateral shift
- Turning radii
- Improved visibility





# Silver Spring Engineering Projects: BiPPAs



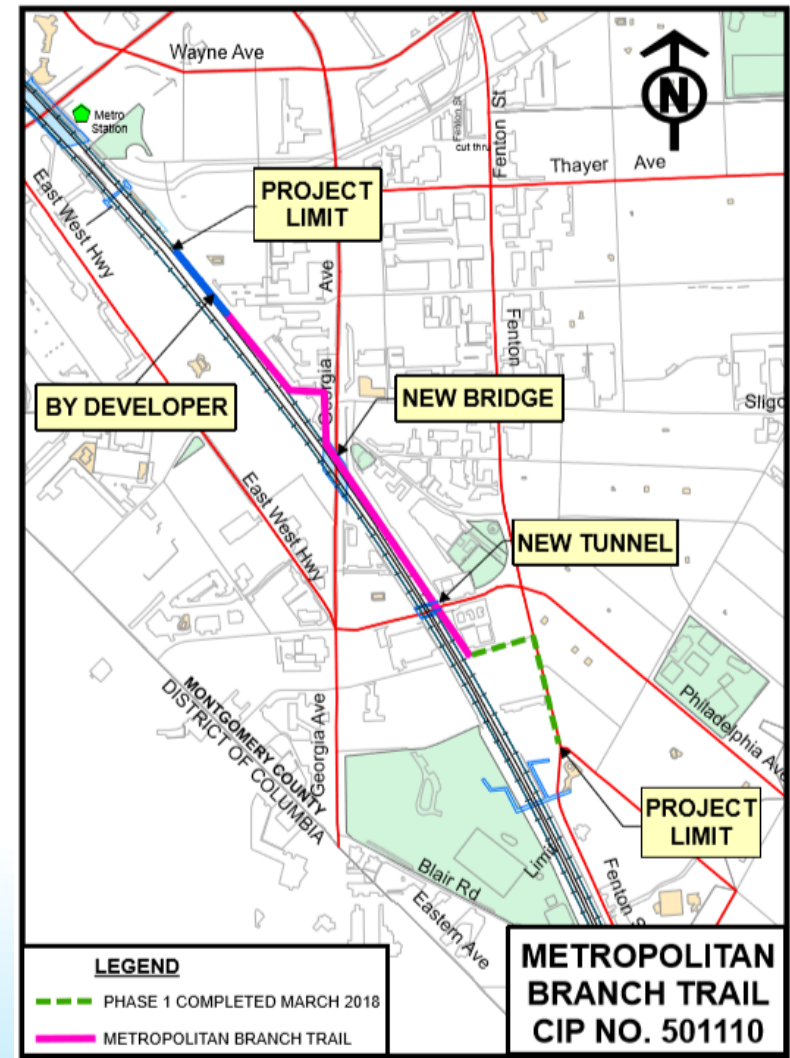
## Fenton Street Bikeway (\$4.5M through FY24)

- Cameron Street to Philadelphia Avenue – under design
- Significant design effort to minimize impacts on parking, trees, and intersections
- Additional public outreach pending early 2020

# Silver Spring Engineering Projects

## Metropolitan Branch Trail

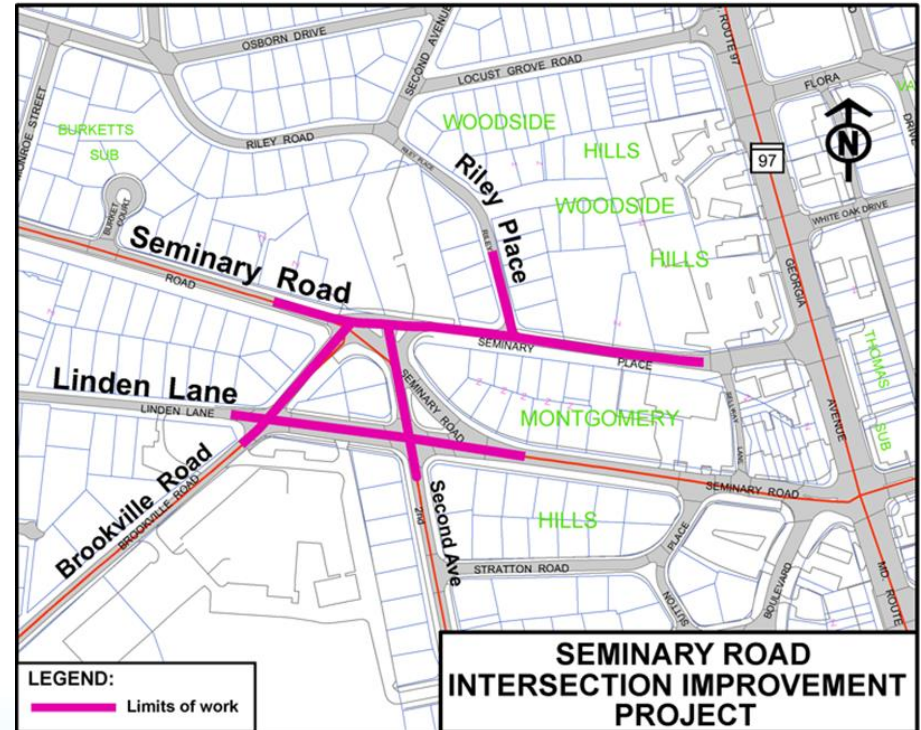
- Shared use path from Ripley Street / Silver Spring Transit Center south to Montgomery College. Includes a bridge over Georgia Ave and a tunnel under Burlington Ave.
- Project Design is complete pending final approval by WMATA, CSX and MDOT State Highway.
- Construction will proceed upon design and permit approval.
- \$15.3M through FY23
- Anticipated completion: Summer 2023.



# Silver Spring Engineering Projects

## Seminary Road

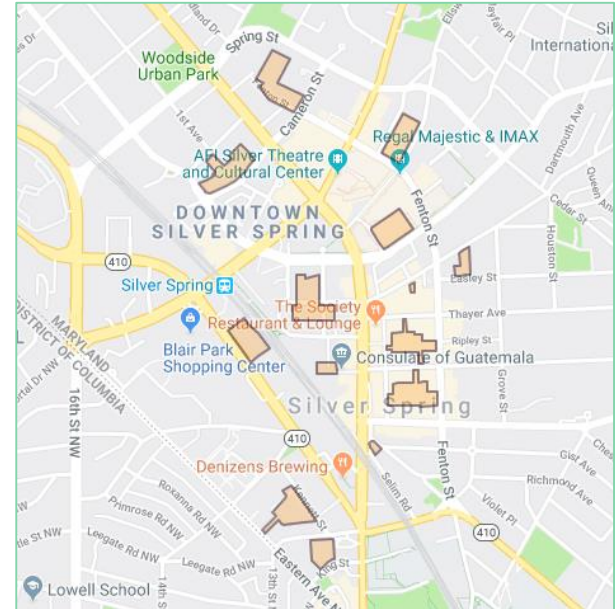
- Realignment of Seminary Road to eliminate the “sweep” between Brookeville Road and Linden Lane.
- Includes providing bike lanes and sidewalks within the project limits and a vertical curve improvement on Seminary Place at Riley Place.
- \$6.3M through FY21
- Project dates:  
October 2019 - June 2021





# Parking Operations Updates

- LED light replacement project
  - 37,000 existing fixtures replaced in PLD parking facilities
  - 1.4 million kWh savings annually
- Replacement of Duncan Eagle CK single space meters with IPS Single Space Meters in small surface lots
  - Provides more payment options for parking customers, including coins and credit cards and Pay by Cell
- Expansion of ParkMobile Payment application into master meter garages (Dec. 2019)



# Residential Permit Parking

- New program vendor
- 24/7/365 call center support
- Ongoing integration & transfer of data from previous vendor
- Ongoing web site improvements

## Successes Since Transition

200 New Accounts Registered

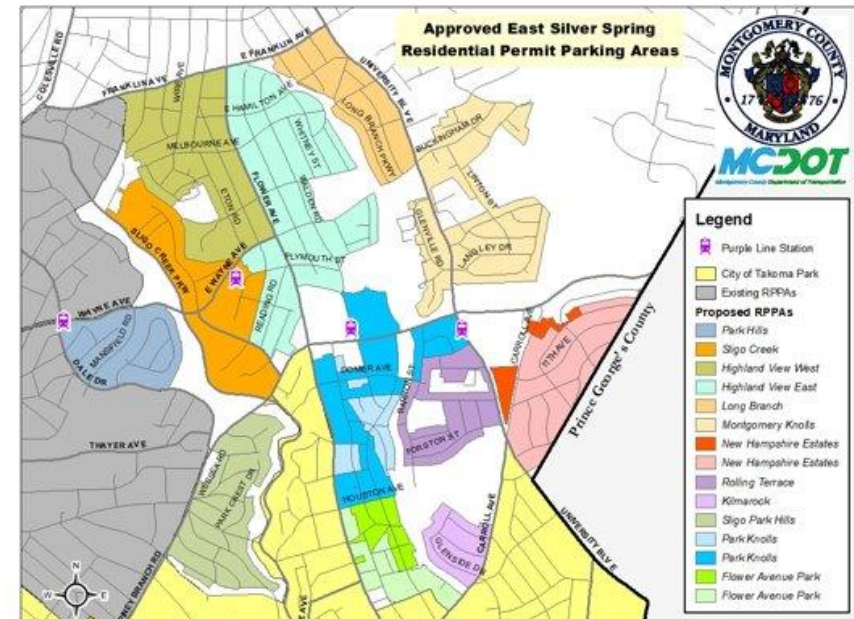
393 New Permits Created and Purchased

29 of 72 RPPAs Successfully Processed Renewals

235 Different Permits Have Reassigned 573 Vehicles

Average Duration of CSR Calls Are 4mins 42sec

178 Chat Sessions Have Been Initiated With an Average Duration of 6:04



The Purple Line Parking Impact Areas Added 12 New Zones to the Existing 11 in Silver Spring

# Silver Spring Parking Updates

## Garage 55

- Repairs to the stairs and platform area
- Waterproofing on the garage deck surface
- Contract Sum: \$580,000.00
- Project dates: Aug – Nov 2019



## Parking Lot District Service Facility

- Substantial completion 8/18/2019
- Parking Maintenance staff to move in by the end of September



# Silver Spring Parking Rates

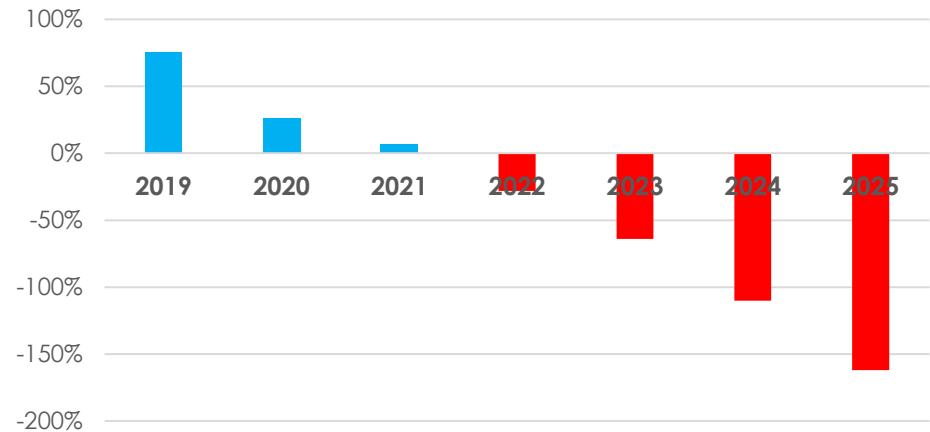
## 6 Year Fund Balance in Silver Spring Parking Lot District

Without new revenue, funds are exhausted by 2021

Options:

- Parking rate increase
- Extended paid parking hours
- Extended paid parking days

Available Fund Balance As A Percent of Next Year's PSP Expenses

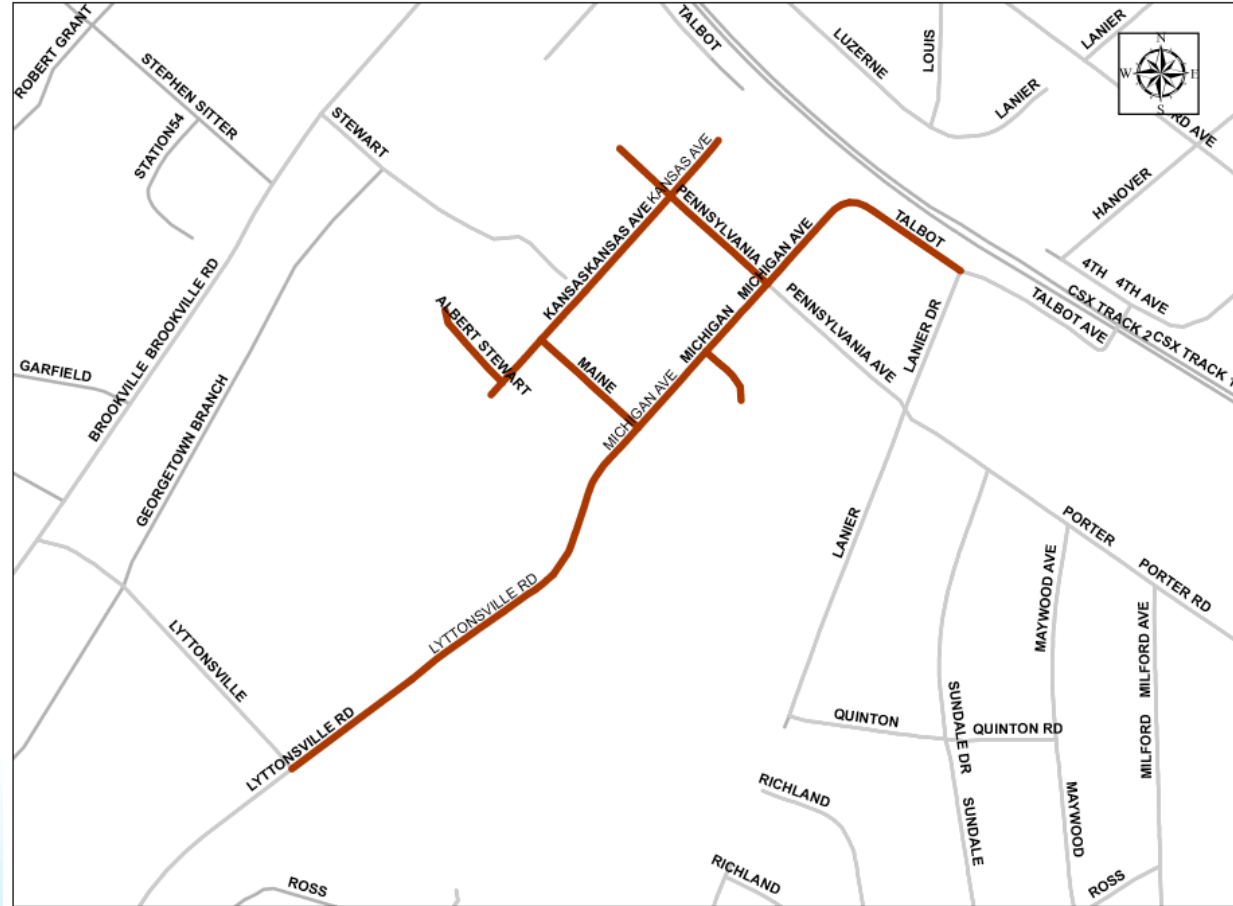


FY20-25 Public Services Program: Fiscal Plan Silver Spring Parking Lot District	Estimated	Recommended	Projected	Projected	Projected	Projected	Projected
	2019	2020	2021	2022	2023	2024	2025
Year End Available Fund Balance	\$ 8,762,031	\$ 3,164,877	\$ 818,947	\$ (3,531,421)	\$ (8,354,798)	\$ (14,747,785)	\$ (21,683,075)

# Silver Spring Resurfacing Projects

## Rosemary Hill Phase II

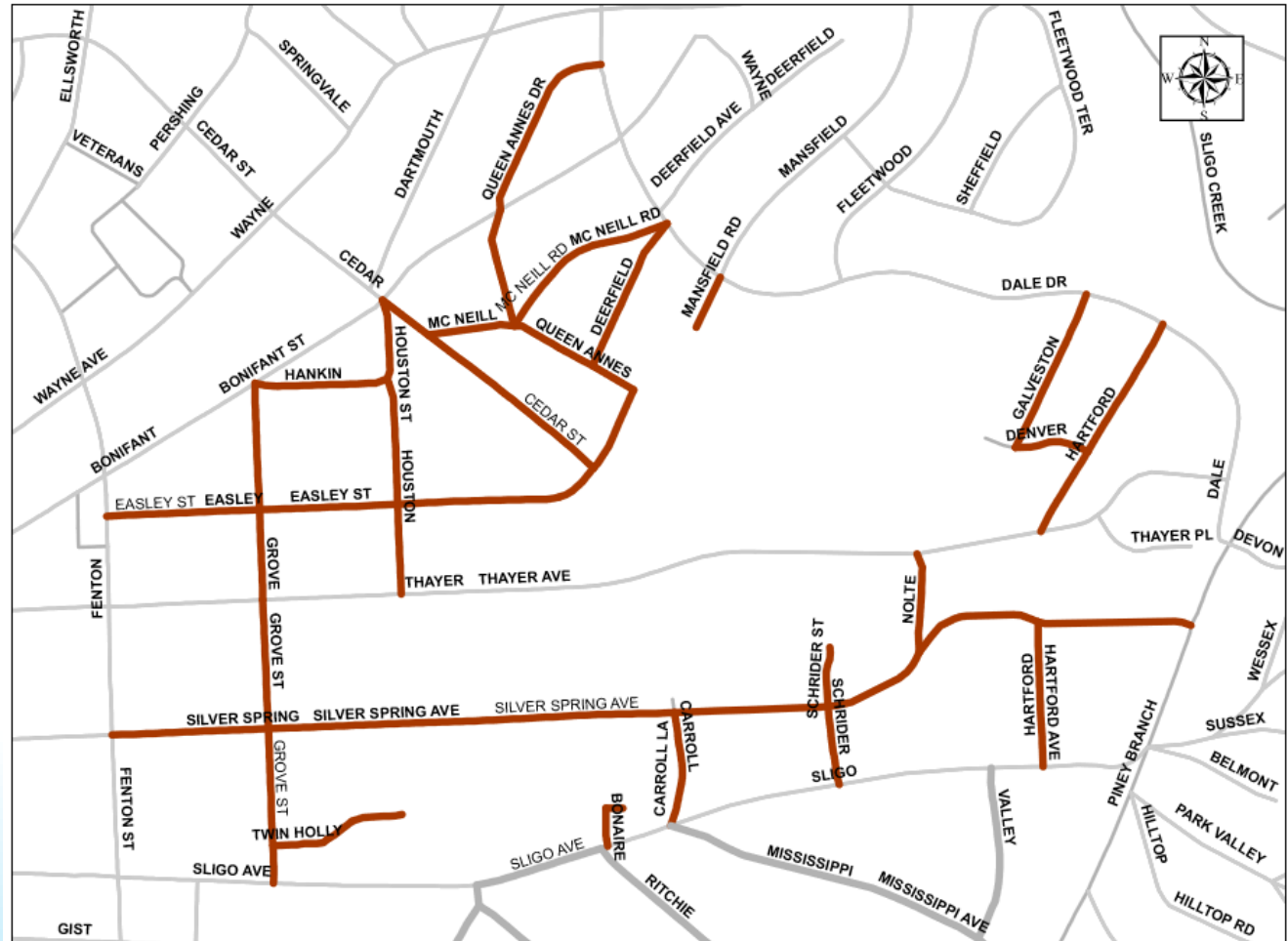
- Full-depth patching
- Hot mix asphalt (HMA) overlay
- 2.08 lane miles
- Completed Aug 9, 2019



# Silver Spring Resurfacing Projects

# McNeill's Addition

- Hot mix asphalt resurfacing
- 7.86 lane miles
- Project dates:  
April - June 2020





# Silver Spring Resurfacing Projects

## Woodmoor – Indian Hills Village

- Slurry seal resurface
- Full-depth permanent patching followed by an application of micro surfacing
- 7.92 lane miles
- Project dates:  
Sept - Dec 2019



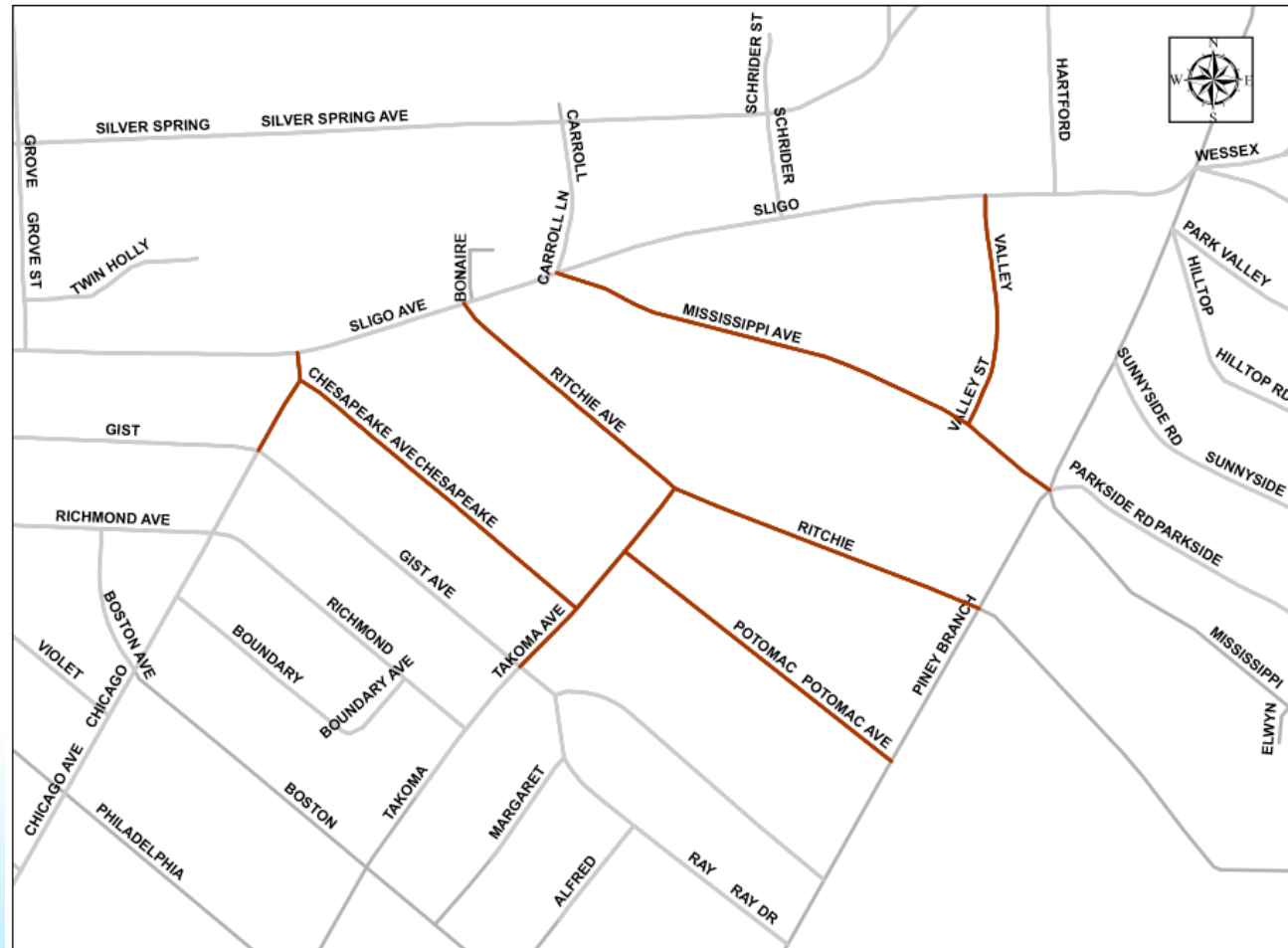




# Silver Spring Concrete / Sidewalk Projects

## Sidewalks: Blair Phase III

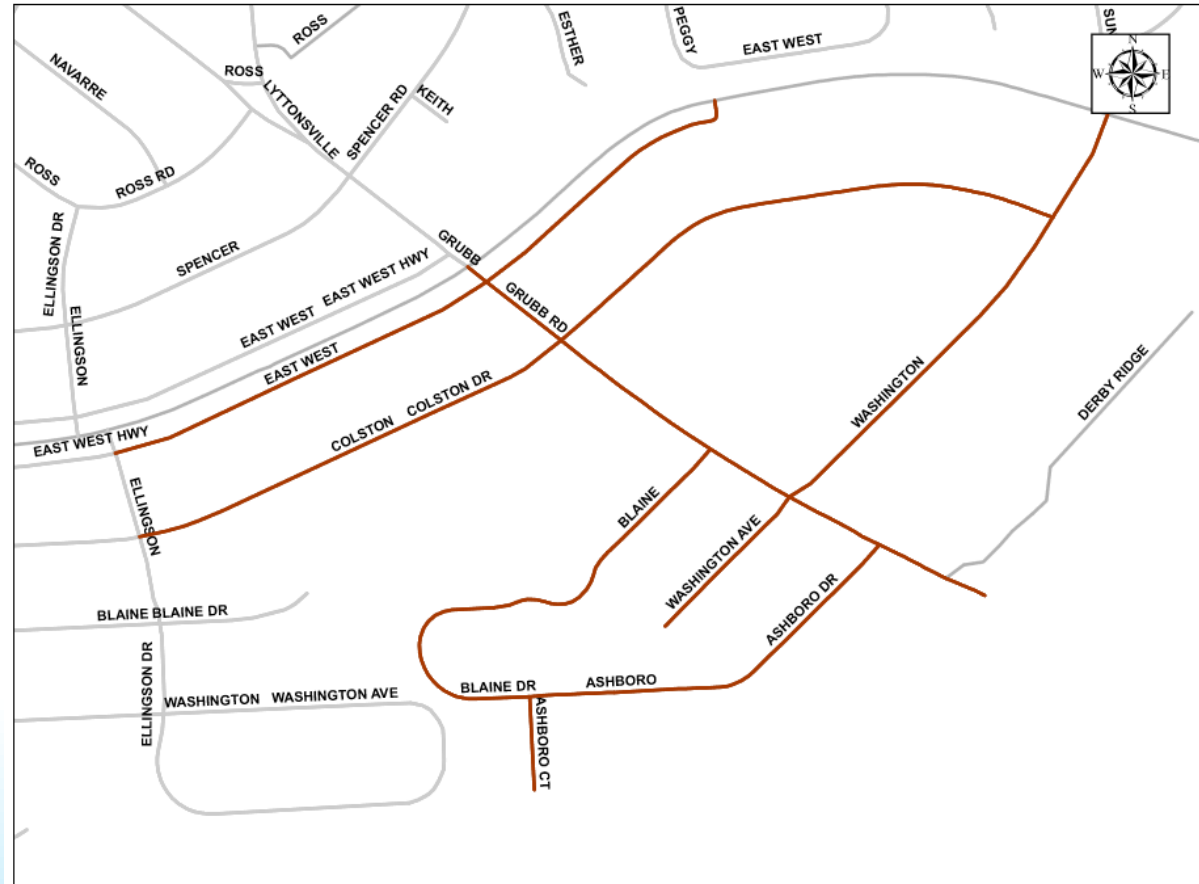
- Curb & sidewalk
- 2.97 lane miles
- Project dates:  
Oct - Dec 2019



# Silver Spring Concrete / Sidewalk Projects

## Sidewalks: Rock Creek Forest Phase I

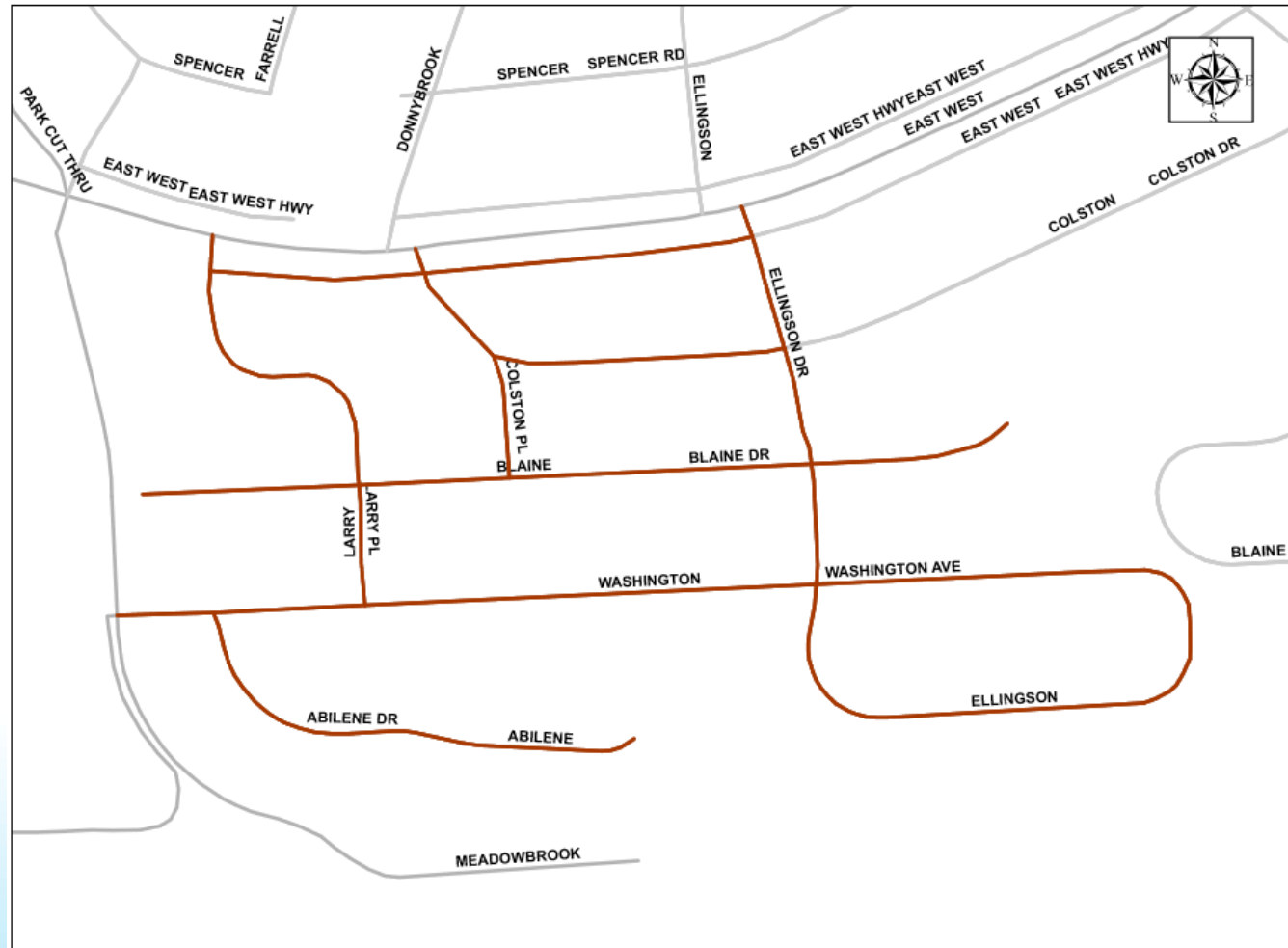
- Curb & sidewalk
- 5.09 lane miles
- Completed Dec. 1, 2018



# Silver Spring Concrete / Sidewalk Projects

## Sidewalks: Rock Creek Forest Phase II

- Curb & sidewalk
- 3.95 lane miles
- Project dates:  
Oct – Dec 2019







# Questions?