

# Improving Columbia Pike for All Users

Columbia Pike Multimodal and Transit Stations Projects

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Pike Presidents Meeting



# Accomplishments Since January 2023

- Columbia Pike Multimodal Segments H&I (Jefferson St. to Four Mile Run)
  - Project Complete (\*Few Outstanding Items Remain)
    - Undergrounding at Palazzo: Dominion to start work in May. Four-month duration.
    - Landscaping: Installation this spring.
    - Fort Myer to return to regrade area in front of Arbor Heights and rebuild sidewalk
    - Arbor Heights Retaining Wall complete
      - Installation of trees/shrubs to be installed in Fall 2023

Five Multimodal segments (out of nine total) now complete  
Two Multimodal segments currently in construction

- Columbia Pike Multimodal Segment A (Orme St. to Oak St.)
  - Notice to Proceed: May 1, 2023
- Columbia Pike Multimodal Segment F (Wakefield St. to Oakland St.)
  - Construction continues along this segment.

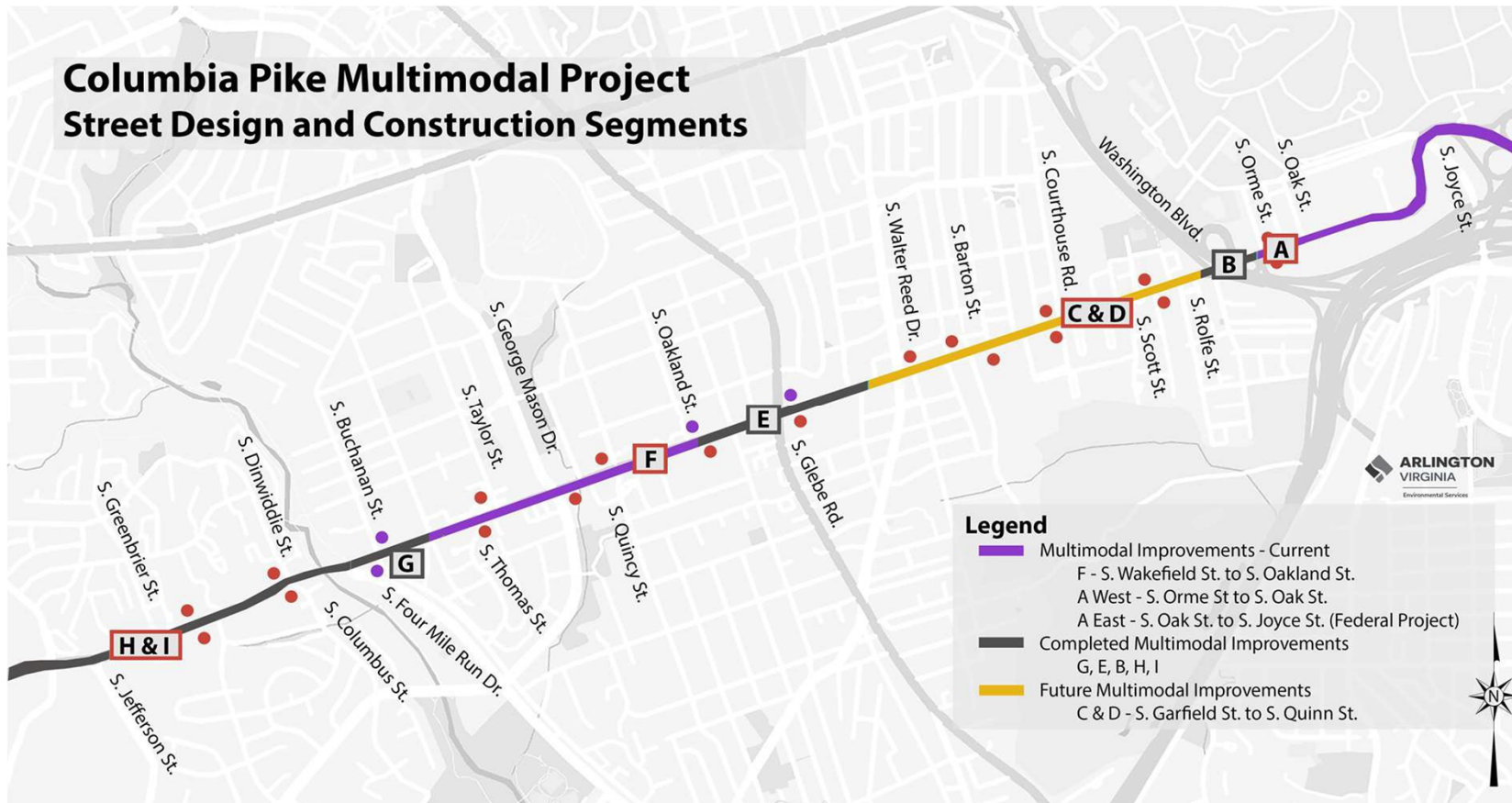
## Accomplishments Since January 2023

- Segment A (East): Defense Access Roadway Project (Federal)
  - Rerouting traffic onto S. Nash Street
    - Columbia Pike tunnel work underway
    - Columbia Pike and ramp grading
- Segments C & D (Walter Reed Drive to S. Queen Street)
  - Segments C & D advertised for solicitation in April 2023.
  - Contract to be finalized in May with anticipated Board approval in June.

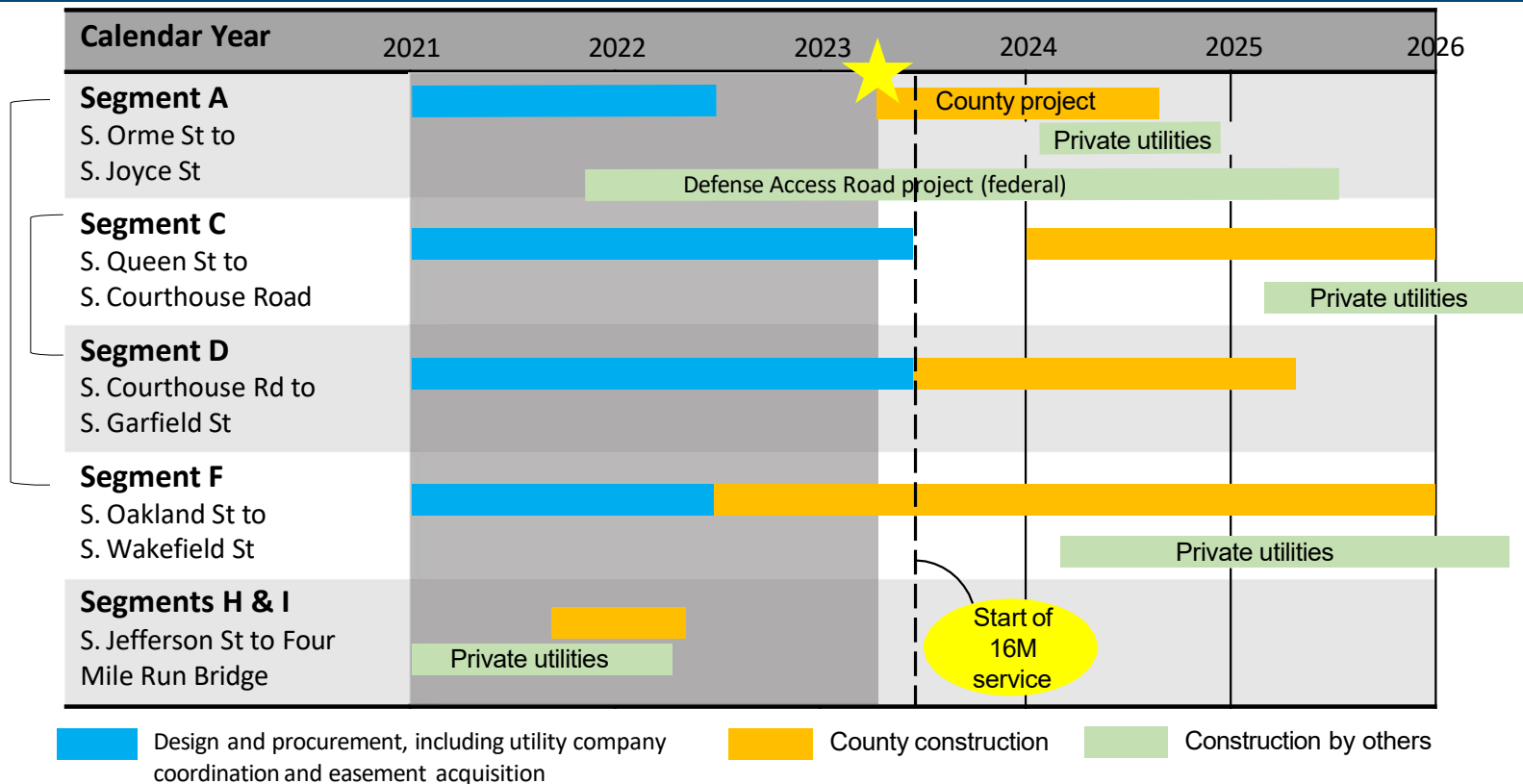
# Accomplishments Since January 2023

- Transit stations
  - Shelter installation began in June
  - Contract Amendment to construct infrastructure improvements and install four shelters in Segment H&I executed in September
  - Contractor remobilization to complete all eight stations September
  - Substantial completion in January with electrical service for Segment H&I in April, Electrical Service Phase 1 in May.
  - Columbus Station expected to open in May

# Progress Map



# Columbia Pike Multimodal Timeline



**Note:** Project schedules are heavily dependent on acquisition of easements, cooperation of utility companies and unforeseen ground conditions. Schedules may need to be adjusted based on work by utility companies, which is not controlled by the County.

# Construction Update

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# Segment F

**Status:** In construction

**Anticipated completion:** Late 2025

**Location:** S Wakefield St to S Oakland St





# Segment F

## Project will:

- Underground overhead utilities
- Provide wider sidewalks (6 – 10 feet)
- Provide Street Trees & Street Lights
- Reconfigure the Columbia Pike/S Thomas St intersection
- Columbia Pike/S George Mason Dr modification
- Add 5 transit stations

## What to expect during construction:

- Traffic disruptions in this segment include:
  - Lane closures/lane shifts
  - Sidewalk closures
  - Detours
  - Parking restrictions
  - Left turn restrictions
  - Bus stop relocations

# Segment F

## Where we are:

- Dry Utility Duct System - ~70% complete
- Storm, Water, Sewer - ~45% complete
- All utilities - ~60% complete
- Retaining wall (Thomas – Wakefield) - ~35%
- Full depth roadway reconstruction to start in May/June - westbound lanes at Oakland moving west.



# Segment F

**Existing conditions at Columbia Pike & S Taylor St**



**Rendering showing planned improvements**



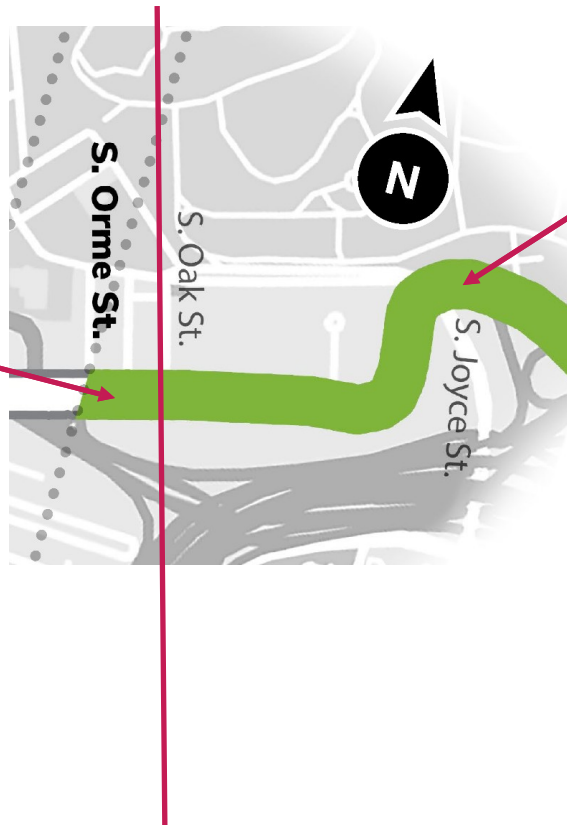
# Segment A West (County Project) & East (Federal Project)

## County Project

**Location:** S Orme St to S Oak St

**Status:** May 2023  
construction start watermain

**Anticipated completion:** Fall 2024



## Federal Project

Defense Access Road/  
Arlington Cemetery  
Expansion

**Location:** S Oak St to S Joyce  
St/Rt 27 Interchange;  
Southgate Rd

**Status:** In construction

**Anticipated completion:**  
Summer 2025

# Segment A West (County Project)

Existing conditions near  
S. Orme Street



Rendering showing  
planned improvements



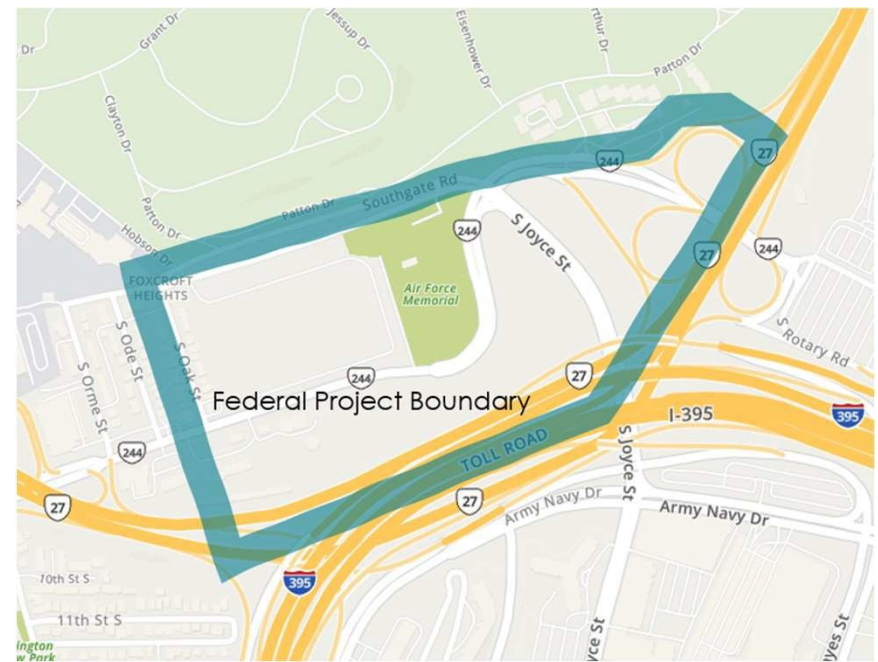
# Segment A East (Federal Project)

**Status:** In construction

**Anticipated completion:** Summer 2025

**Location:** S Oak St to S Joyce St/Rt 27 Interchange; Southgate Rd

This work is being managed by the Federal Highway Administration as part of Arlington National Cemetery's southern expansion



# Segment A East (Federal Project)

## Project will:

- Realign Columbia Pike from east of Oak Street to Washington Boulevard
- Modify the Joyce Street intersection and the Columbia Pike/Washington Boulevard (Route 27) interchange
- Add new 10' bike path and 8' sidewalk on north side of Columbia Pike next to the wall
- Add 8' sidewalk on south side of Columbia Pike
- Remove a segment of Southgate Road and construct a new Nash Street
- Build a new tunnel between the cemetery and its new maintenance compound
- Add 182 trees to project area



## What to expect during construction:

- Traffic disruptions and lane closures on this section of Columbia Pike and on Joyce Street between Army Navy Drive and Columbia Pike
- During phases of work, this section of Columbia Pike will be closed, with traffic detoured via Nash Street to Southgate Road
- Sidewalk closures
- Bus stop relocations

# Segment A East (Federal Project)





# Washington Gas Relocation

**Status:** Washington Gas Segment D construction ongoing

**Anticipated completion:** September 2023

**Location:** S. Courthouse Road to S. Garfield Street

**Impacts:** Lane closures and left turn restrictions within work area

**Next steps:** Finalize relocation design within Segment C



# Design/ Procurement Update

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# Segments C & D

**Status:** Finalizing procurement

**Construction Start:** Segment D – July 2023

Segment C – Early 2024



# Design Changes to Segments C & D

- Segment D (Garfield Street to Courthouse Road)
  - Working with potential developers of Elkins building
  - Elliott construction on indefinite hold
- Segment C (Courthouse Road to S. Queen Street)
  - Rolfe Street to be realigned with new plans
    - 4-leg intersection instead of offset intersections
    - Other safety improvements being explored during design development

# Transit Stations

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# Transit Stations

In November 2020, Future Systems (shelter fabricator) identified stability issues with the Kit of Parts shelter prototype

- Constructability concerns remained even after shelter design was revised

Due to increasing costs and schedule delays associated with the Kit of Parts design, DES evaluated and selected a new approach for the transit stations

**New plan:** Use a prefabricated shelter from Future Systems with modifications

- Modifications will incorporate elements of the Kit of Parts design into a shelter that is more cost effective and can be installed on Columbia Pike without further delays
- Installation of shelters & amenities for first 8 stations completed in early 2023
- Greenbrier Stations Opened in December 2022
- Electric service Spring 2023



# Premium Transit Network

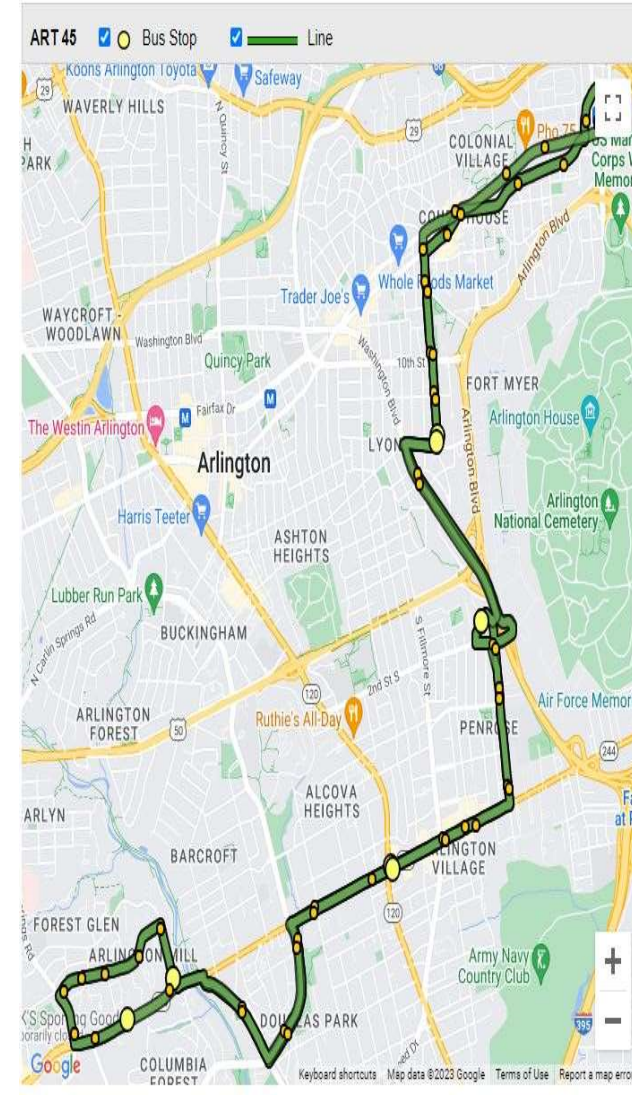
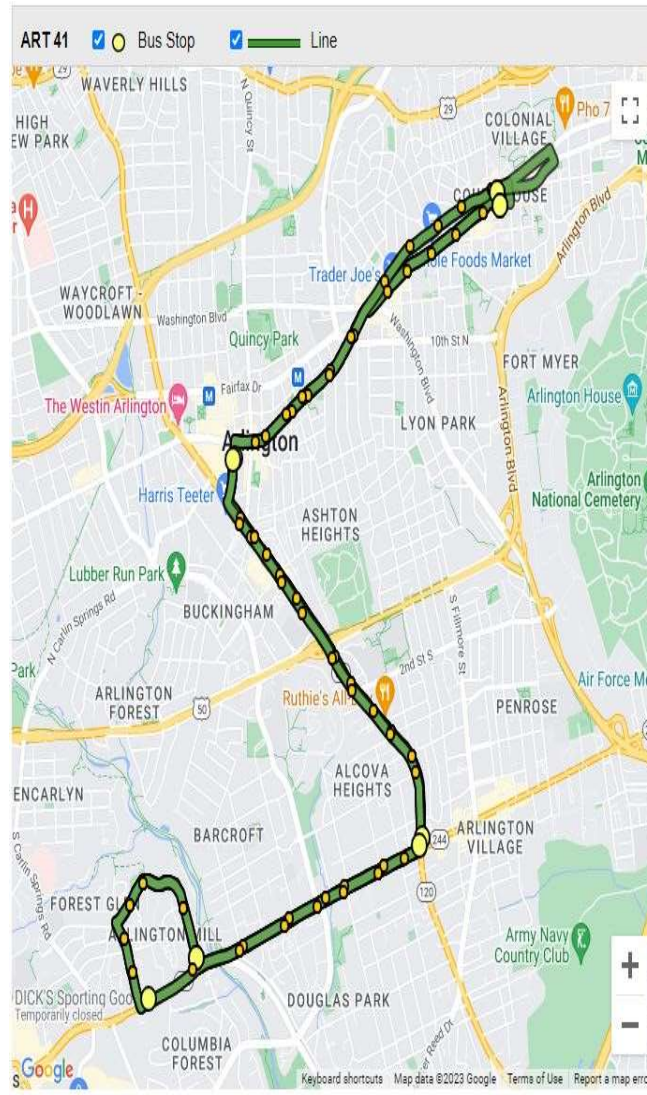
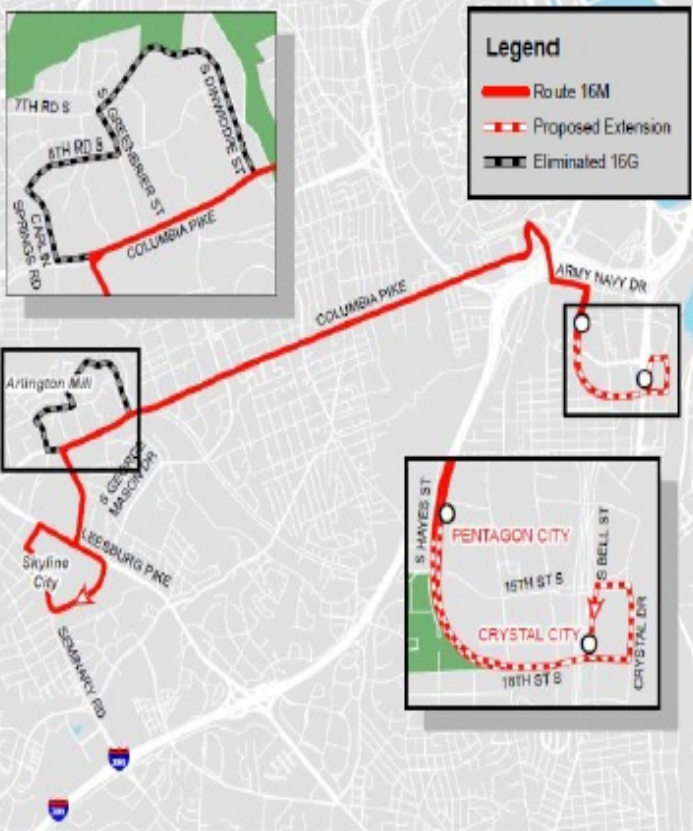
The Premium Transit Network will feature three different types of service to meet the needs of different riders:

Service	Timeline
<p><b>Local connector service</b></p> <ul style="list-style-type: none"> <li>New Metrobus 16M (replacing 16G/H) will connect Skyline and Crystal City and serve every transit station on Columbia Pike</li> </ul>	<p>2018 - First phase implemented (Metrobus 16 Line restructuring)</p> <p><b>16M – Service Start - Sunday, June 25</b></p> <p><b>12-minute, 7 day-a-week, Frequent Service Network</b></p> <p><b>Ribbon-cutting planning underway</b></p>
<p><b>Limited-stop service</b></p> <ul style="list-style-type: none"> <li>Simplified limited-stop Metrobus service for frequent, faster trips to the Pentagon and points in DC</li> </ul>	<p>Under review, Metrobus Better Bus Network</p> <p><b>WORKSHOP, Wednesday, May 10 – 3:00 – 7:00 p.m.</b></p> <p><b>Central Library (1015 N Quincy Street)</b></p>
<p><b>Neighborhood connections</b></p> <ul style="list-style-type: none"> <li>Enhanced ART service to link nearby neighborhoods to Columbia Pike</li> </ul>	<p><b>ART 41 &amp; ART 45 – Improved service replacing Metrobus 16G/H) - Sunday, June 25</b></p> <p><b>ART 41 – Every 12 min, ART 45 – Every 15 min.</b></p>

# Metrobus 16M, ART 41, ART 45 Routes

## 16M – Virginia

Restructure Columbia Pike service, connecting Skyline to Crystal City with service every 12 minutes all day





# Public Art

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# Public Art: “A Certain Slant of Light”

**Location:** Canopies of Transit Stations

**Artist:** Spencer Finch

**Delivery:** with the transit stations



# Public Art: “The Pike”

**Location:** Columbia Pike and South Jefferson Street

**Artist:** Donald Lipski

**Delivery:** Installed



# Communication

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# Upcoming Project Milestones

- Spring/Summer 2023
  - Thrice-yearly program update to CPP, Pike Presidents Group
  - Segment H/I: Complete remaining items
  - Segment F: Begin roadway reconstruction
  - Segment A (West): Begin construction
  - Segments C & D: Procure contractor; begin construction on Segment D
  - Finalize location for banner poles (West end Columbia Pike)
  - Transit stations: Electric service for phase 1 stations; 16M service start

# Columbia Pike Forward

- Branded messaging to target Pike residents and businesses
  - Updated website – [ColumbiaPikeForward.com](http://ColumbiaPikeForward.com)
  - Social media and newsletter content
  - Image-driven and/or multilingual graphics
- Community outreach surrounding segment
  - Weekly pop-up events through Segments F, A, D, and C
  - Columbia Pike Wellness Festival (May 13<sup>th</sup>)
  - Bike to Work Day (May 19<sup>th</sup>)
  - Blues Festival (June)



# Questions

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