Combined Project Map

Columbia Pike Multimodal & Columbia Pike Transit Stations

Legend:
- Transit Stations - 2019 & 2020
- Transit Stations - Future phases
- Transit Station - Completed
- Completed Multimodal Improvements - G, E, B
- Future Multimodal Improvements
  - H & I - County Line to South Four Mile Run Drive
  - F - South Wakefield Street to South Oaklnd Street
  - C & D - South Garfield Street to South Quinn Street
  - A - Orme Street to South Joyce Street
- The Pike by Donald Lipski

More information: arlingtonva.us and search “Columbia Pike Multimodal”
What’s happening on Columbia Pike?

Arlington County is transforming Columbia Pike from the Arlington/Fairfax County line to South Joyce Street. Improvements are making this main street into a safer, more accessible route for everyone, whether you walk, bike, take transit or drive.

1. Upgrading and underground utilities

The first step takes place below the roadway. The County is upgrading or replacing aging and leak-prone water and sewer pipes, which means more reliable service. We also are moving electrical and communications utilities underground. Removing these overhead wires, and the poles that support them, helps make space along the road for other uses. This work is being done by the Columbia Pike Multimodal Project.

2. Improving the streetscape

Once utility work is done, construction begins to rebuild the roadway with new asphalt and sidewalks. The configuration of the road will be modified to include medians and left-turn lanes for better traffic flow. Concrete bus pads and foundations will be built to help facilitate the installation of new transit stations. The new streetscape will include wider sidewalks, easier street crossings, additional street trees and landscaping. For bicyclists, the County has built bike routes on 9th and 12th Streets, just north and south of the Pike. All of this work is being done by the Columbia Pike Multimodal Project.

3. Installing new transit stations

The final step in Columbia Pike improvements will be the installation of 23 new transit stations. The Pike is the busiest bus transit corridor in Virginia, and new stations will make transit easier, safer, more accessible and attractive – encouraging more people to use it. This work is being done by the Columbia Pike Transit Station Project.

More information: arlingtonva.us and search “Columbia Pike Multimodal”
Improving Columbia Pike for All Users

What will the completed sections look like?
Arlington County is transforming Columbia Pike into a safer and more accessible route for everyone, whether you walk, bike, take transit or drive.

- Improved service reliability and reduced visual clutter due to underground utilities
- Sidewalks free from utility pole obstructions
- Wider sidewalks, buffered from traffic with landscaping
- Consistent roadway width, with two travel lanes in each direction

More information: arlingtonva.us and search "Columbia Pike Multimodal"
Columbia Pike Transit Stations

What’s Happening Now?: Phase 1 Installation
Construction on the first four of 23 new stations started in December 2019, with expected completion in Fall 2020.
New transit stations will:
• Accommodate riders on the busiest bus corridor in Virginia
• Support a vision of Columbia Pike as a more transit-oriented, pedestrian friendly “Main Street”
• Encourage new riders by making transit easier, safer, more attractive and accessible

What to expect during Phase 1
Work will occur at the following locations:
1. S Four Mile Run Dr (eastbound)
2. S Buchanan St (westbound)
3. S Oakland St (westbound)
4. S Glebe Rd (westbound)

Construction will be a two-step process. Once the supporting infrastructure has been built for all four locations, the contractor will return to each site and install the transit shelters.

Supporting Infrastructure
First, construction will begin on the station platforms with higher curbs, the shelter foundation, a concrete bus pad in the roadway, electrical connections and other supporting infrastructure.

Transit Station Shelter
Then, station shelters arrive and will be installed, along with their amenities, like real-time bus-arrival displays.

More information: arlingtonva.us and search “Columbia Pike Multimodal”
Columbia Pike Transit Stations

Transit Station Features and Cost

- Large patterned glass roof will feature original public art
- Real-time bus arrival displays
- Enclosed on three sides for weather protection and comfort
- Additional seating options
- Higher curb for easier and faster bus boarding

Station shelter and amenities
Phase 1 Estimated Cost: $168,000

Supporting infrastructure
Phase 1 Estimated Cost: $320,000
Includes longer platform with raised curb, shelter foundation, electrical connections and concrete bus pad in roadway

More information: arlingtonva.us and search "Columbia Pike Multimodal"
What’s Happening Now?: West End Construction

Construction on the west end of Columbia Pike (County Line to Four Mile Run) began in February 2018, and was expected to last approximately three years.

What we found during construction required a redesign

Arlington County’s contractor encountered an out-of-place duct bank under the sidewalk. This location was where a new duct bank was to be installed as part of the undergrounding of the existing above-ground utilities.

The pre-existing duct bank means that lines can no longer be placed under the sidewalk as planned, and need to be installed under the roadway.

What’s types of things can be underground?

Under our streets, there is a vast network of utilities that serve our daily needs.

- Communication Lines
- Gas Main
- Electrical Lines
- Storm Sewer
- Water Line

Example image from a residential street improvement project

More information: arlingtonva.us and search “Columbia Pike Multimodal”
Columbia Pike Multimodal Project

What’s Happening Now?: West End Construction

Construction on the west end of Columbia Pike (County Line to Four Mile Run) began in February 2018, and was expected to last approximately three years.

Traffic Alternatives Considered

Installing the duct bank under the roadway adds complexity to the project. Staff evaluated several alternatives, considering traffic safety, traffic impacts, budget implications and total project duration.

Our Goals

Maintain a 2021 completion date and ensure safe operations of the roadway.

Travel Lane Configurations and Trade-offs Considered

<table>
<thead>
<tr>
<th>Level of Impact</th>
<th>Project Impacts</th>
<th>Community Impacts</th>
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<tbody>
<tr>
<td></td>
<td>Timeline Delays</td>
<td>Safety Concerns</td>
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<td>Very High</td>
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<tr>
<td>High</td>
<td>One lane in each direction; additional eastbound lane in AM peak</td>
<td>Yes</td>
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<tr>
<td></td>
<td>Two lanes in each direction during peak</td>
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<td>Reversible lane to provide two lanes for peak direction</td>
<td>Yes</td>
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</tbody>
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More information: arlingtonva.us and search “Columbia Pike Multimodal”
Significant Roadwork on Columbia Pike
County Line to Four Mile Run
New traffic patterns along the west end of Columbia Pike are expected to cause delays for those travelling through this area.

Expected Impacts During 2020
• Increased traffic disruption and delays due to:
  o Lane closures
  o Left-turn restrictions
  o Intersection closures (on weekends)
• Pedestrian detours
• Bus service detours and bus stop relocations
  o Bus routes affected:
    • ART 41, 45, 75
    • Metrobus 16A, C, E, G, H, Y

Active Monitoring
Construction is a dynamic activity, and County staff are actively monitoring the roadway and making adjustments to improve safety and access. Recent adjustments include:
• Changes in signal timing
• Additional signage for restrictions and detours
• Additional delineation of travel lanes

More information: arlingtonva.us and search “Columbia Pike Multimodal”
Columbia Pike Traffic Changes - County Line to Four Mile Run

Arlington County is working to rebuild and improve Columbia Pike. New traffic patterns will cause delays between South Jefferson Street and the Four Mile Run bridge. These restrictions will be in place for most of 2020 and are intended to help keep traffic and pedestrians moving safely during construction.

Local Detour - Eastbound

- Between South Greenbrier Street and South Dinwiddie Street, only one lane is open in the eastbound direction
  - An additional lane open during weekday morning rush hours (7-9:30 am)
- There are new No Left Turn signs between South Greenbrier Street and South Dinwiddie Street
- Left turns from and onto driveways and side streets onto Columbia Pike are also prohibited

Local Detour - Westbound

- Between South Dinwiddie Street and South Greenbrier Street, there is only one lane open for westbound traffic
- New No Left Turn signs
- Left turns from and onto driveways and side streets onto Columbia Pike are also prohibited.
- Drivers are encouraged to use the U-turn at South Jefferson Street.

Thru-Traffic Detours

- Commuters should avoid travelling through this area if possible.
- From Columbia Pike, alternate route options include:
  - Westbound traffic – Follow George Mason Drive north to Route 50/Arlington Boulevard or south to Route 7/Leesburg Pike
  - Eastbound traffic – Follow Carlin Springs Road north to Route 50/Arlington Boulevard or south to Route 7/Leesburg Pike

More information: arlingtonva.us and search “Columbia Pike Multimodal”
Arlington County is investing more than $100 million to rebuild and improve Columbia Pike. This program is funded with a combination of local commercial property taxes dedicated to transportation and regional transportation funds from the Northern Virginia Transportation Authority.

Construction for the utility undergrounding and streetscape improvements is proceeding in phases. To date, three segments have been completed, and two more (H&I, commonly referred to as the west end) are in construction.

**Planned Project Schedules**

Design work is underway for the remaining four segments. Project schedules are heavily dependent on acquisition of easements and cooperation of utility companies.

All schedules are dependent on easement acquisition and utility coordination, and can be affected by unforeseen conditions or significant weather delays.

More information: arlingtonva.us and search “Columbia Pike Multimodal”
Public Art Integrated into the Canopy of Columbia Pike Transit Shelters

Arlington Public Art is working with the Department of Environmental Services to integrate public art onto the canopy of the twenty-three Columbia Pike Transit Stations. The material for the public art will be a film applied to the fritted glass canopy of each shelter.

A panel of Civic Association members assisted in the selection of an artist, who will develop a design after visiting Columbia Pike.

The Pike by Donald Lipski

Artist Donald Lipski was selected in 2013 to create a work of public art for Arlington’s Western Gateway, near Columbia Pike and South Jefferson Street. This project will mark the entrance to Arlington from Fairfax.

The sculpture is made from a 50-foot-tall wind-turbine wing, the base of which will be studded with thousands of coins collected from Arlington County residents. The artwork takes inspiration from the shape and form of a tollgate. The incorporation of the coins honors the history of Columbia Pike as a toll road while also celebrating the diversity of the community.

More information: arlingtonva.us and search “Columbia Pike Multimodal” or publicart.arlingtonva.us