

# DISTRICT DEPARTMENT OF TRANSPORTATION

## *Infrastructure Project Management Administration Program and Opportunities*



*Richard Kenney, PE  
Chief Engineer  
November 13, 2024*

# Agenda

- moveDC
- Budget & Funding
- DDOT Realignment
- IPMA Program
- Project Opportunities
- Opportunities For Improvement



Source for all photos:  
DDOT Webpage [ddot.dc.gov](https://ddot.dc.gov)

# moveDC Long-Range Transportation Plan

## moveDC Goals



Equity



Safety



Mobility



Project Delivery



Management and  
Operations (State  
of Good Repair)



Sustainability



Enjoyable Spaces

<https://movedc.dc.gov/>



“moveDC reflects our commitment to not only provide excellent transportation facilities and services, but to deliver them in a manner that addresses structural injustices and inequities.”

*Mayor Muriel Bowser*

## moveDC Policies and Strategies

- Eighteen policies that define how the goals will be achieved
- Forty-one strategies for accomplishing the policies to support the achievement of the goals

# FY2025

## APPROVED BUDGET AND FINANCIAL PLAN

DDOT's approved budget for FY25 includes a \$185 M operating budget and a \$835 M capital budget

The *Infrastructure Investment and Jobs Act of 2021* allocated nearly \$3.4B in federal formula funding to the District over five years for local infrastructure projects.

### SAFETY



#### High Injury Network

- Quick-Builds providing immediate improvements - \$82.1M
- Longer-Term corridor improvements - \$248.5M
- HIN Corridor Sample Projects:
  - Alabama Ave SE - \$33.8M
  - Bladensburg Rd NE - \$43.1M
  - Conn Ave, NW - \$25.3M
  - East Capitol St NW - \$56.7M
  - MLK/Marion Barry SE - \$49.8M
  - Southern Ave SE - \$11.2M

**Safe Routes to School - \$79.3M**

**Automated Traffic Enforcement**

### MOBILITY



**Bus Priority - \$109.2M**

**Bike Lanes - \$32.3M**

**Trails - \$76.8M**

### PROJECT DELIVERY



#### Bridges

- H Street Bridge - \$313.3M
- Theodore Roosevelt Bridge - \$151.3M
- Benning Road Bridges - \$210.3M
- Anacostia Metro Ped Bridge - \$29.5M
- William Howard Taft Bridge - \$39.1M

### ENJOYABLE SPACES



**11<sup>th</sup> St Bridge Park - \$44.7M**

**Streeteries - \$750k**

### MANAGEMENT & OPERATIONS



#### State of Good Repair

- Alleys - \$97.7M
  - Streets - \$177.6M
  - Sidewalks - \$115.1M
- Streetlights - \$210.4M (LED light conversion)**

### SUSTAINABILITY



**Urban Forestry - \$56.6M**

**NEVI Program - \$16.7M**

**Stormwater Management - \$46.3M**

Source: FY 2025 Approved Budget and Financial Plan

# DDOT Competitive Grant Awards from BIL

- 20+ competitive grant applications submitted
- Has won \$170M in grant funding since 2021



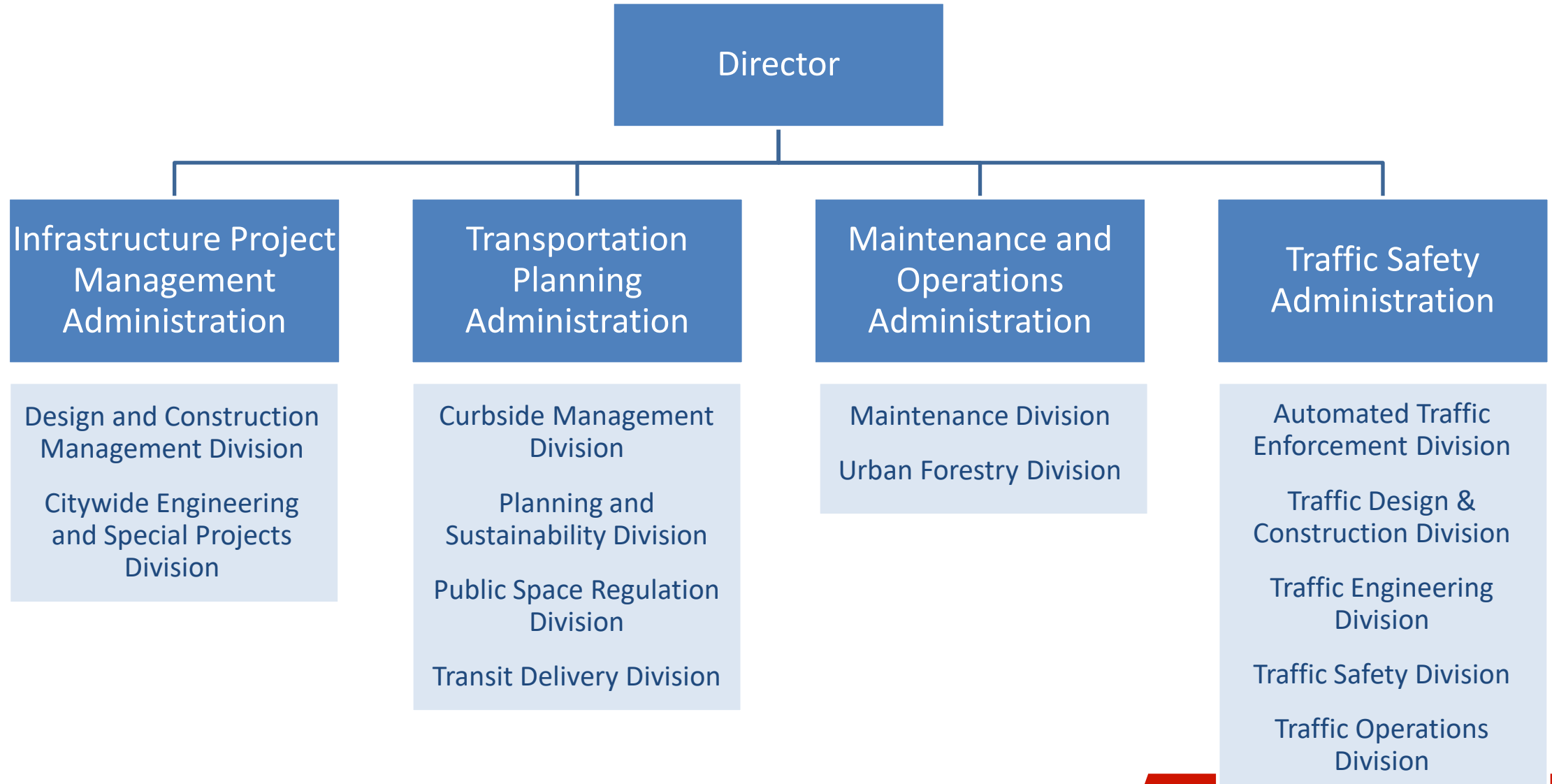
VP Harris announcing the I-395NB Grant Award

Funding Category	Program	Project Name	Year	Grant Amount
Transportation	RAISE	Benning Road Bridges	2021	\$15.0 M
Transportation	RAISE	South Capitol Street Trail	2021	\$10.0 M
Transportation	BIP	I-395 NB Bridge over Potomac River	2022	\$72.0 M
Transportation	RAISE	Wheeler Road Multimodal Safety Access	2023	\$20.0 M
Transportation	RAISE	Arboretum Bridge & Trail	2023	\$6.5 M
Transportation	INFRA	East Capitol Street Corridor Safety & Mobility	2023	\$34.0 M
Transportation	Reconnecting Communities	I-295/DC-295 Corridor Improvements	2023	\$2.0 M
Transportation	Protect	Nannie Helen Burroughs Flood Mitigation	2023	\$1.0 M

*11<sup>th</sup> St Bridge Park received a \$15.0 M Dept of Interior grant, through Outdoor Recreation Legacy Partnership Program*

# DDOT Re-Alignment

## Teams Responsible for Design, Construction and Maintenance of Assets



# IPMA Program

- **Responsible for the planning, design, engineering, and construction of infrastructure within DC**
- **Design & Construction Management Div.** (Yvonne Thelwell, PE, Deputy Chief Engineer)
  - Team 1: Huntae Kim, P.E. - Wards 1 & 2
  - Team 2: Zahra Dorriz, P.E. – Wards 3 & 4
  - Team 3: Ali Shakeri, P.E. – Wards 5 & 6
  - Team 4: David Tackoor, P.E. – Wards 7 & 8
  - Materials QA/QC: Rezene Medhani, PhD, P.E.
- **Citywide Engineering & Special Projects Div.** (Ravi Ganvir, PE, Deputy Chief Engineer)
  - Mega & Special Projects Design: Stephen Jerrick, PE
  - Mega Projects Construction Oversight: Anthony Soriano, PE
  - Bridge & Structures: Song Kim, PE
  - Hydraulics, Stormwater, and Green Infrastructure: Ejigineh “EJ” Simie, PE
  - Right-of-Way/Real Estate: Tina Swain
  - Utilities: Ronald Williams, PE
  - 3<sup>rd</sup> Party/Developer Projects: Ogechi Elekwachi, PhD

# TSA, TPA, and MOA Administrations

- **Transportation Safety Administration (TSA)**, Neelima Ghanta, Chief Traffic Safety Engineer
  - Automated Traffic Enforcement Division – Charles Turner
  - Multi-Modal Project Delivery – Othman Chebli
  - Multi-Modal Safety Division – Christine Mayeur
  - Traffic Signals and Engineering Division – Harvey Alexander
  - Roadway Operations Division – James Strange
- **Transportation Planning Administration (TPA)**, Sandra Marks, Chief Transportation Planner
  - Deputy Chief Transportation Planner – Amanda Stout
  - Capital Planning Division – Megan Kanagy
  - Curbside Management Division – Laura MacNeil
  - Planning and Sustainability Division – Anna Chamberlin
  - Public Space Regulation Division – Elliott Garrett
  - Transit Delivery Division – Carla Longshore
- **Maintenance and Operations Administration**, Aaron Horton, Chief Maintenance Officer
  - Deputy Chief Maintenance Officer – Blake Holub
  - Maintenance Division – Andrew Kauffman
  - Urban Forestry Division – Earl Eutsler





# *Project Opportunities*



# DDOT Project Opportunities Online Access

## Project Forecast

Predictions about upcoming projects -

<https://ddot.dc.gov/page/project-forecasting>

## District Transportation Access Portal (DTAP)

Information on projects under the planning, design, and construction phases - <https://dtap.ddot.dc.gov>

## Project Advertisement

Official solicitation website - <http://ocp.dc.gov>

## Architect and Engineering Task Orders

AE schedule website

<https://ddotwiki.atlassian.net/wiki/spaces/AE/pages/2068021286/FY22+A+E+Schedule>

## Project Forecasting

This page provides a forecast of DDOT's upcoming construction projects. The data can be download as a CSV file. For que information@, please send your inquiries to Ali.Shakeri@dc.gov.

Show 25 entries Search:

Projects	Division	Team	Fund Source	Project Size	Solicitation Type	Calendar Year
Pennsylvania Ave West Streetscape from 17th St NW to 21st St NW	IPMA	1	Local	Scope 5	Construction	2024/3rd
Pennsylvania Ave West Streetscape from 17th St NW to 21st St NW	IPMA	1	Local	Scope 3	Construction Management	2024/3rd
Rehabilitation of Whitehurst Freeway Bridge	IPMA	1	Federal	Scope 3	Design	2024/4th
Aspen St. from 16th St to Georgia Ave	IPMA	2	Federal/Local	Scope 5	Construction	2024/4th

Project Specific DBE and CBE Participation Goals are Established at Advertisement

Federal Funding: DBE goals  
Local Funding: CBE goals



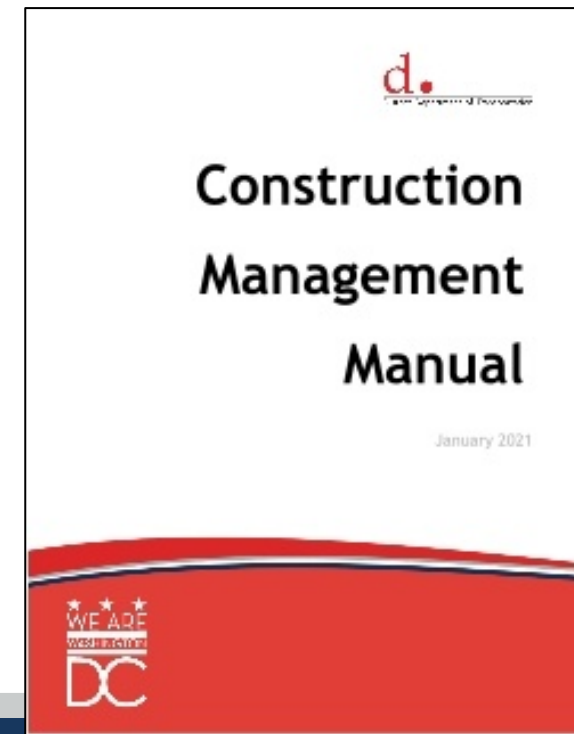
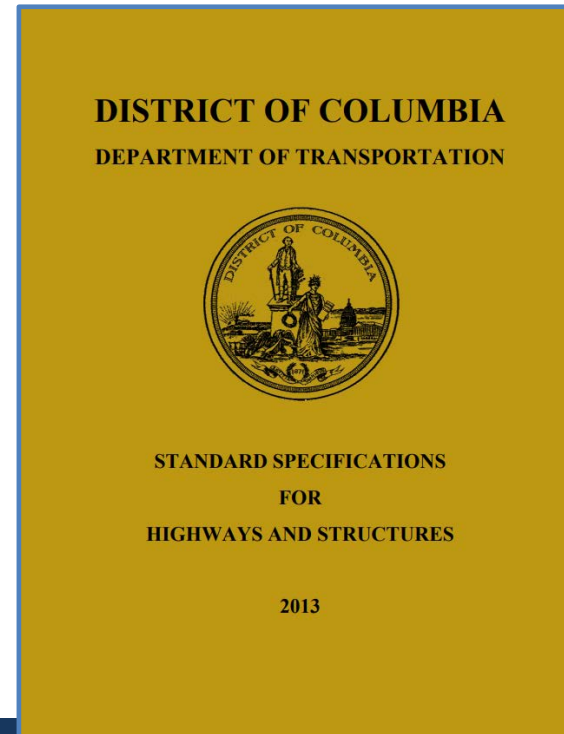
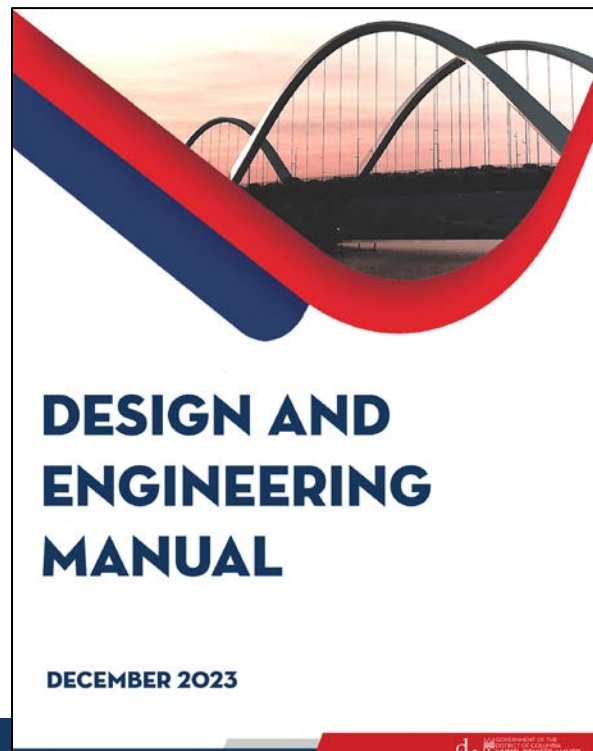
OFFICE OF CONTRACTING & PROCUREMENT

GOVERNMENT OF THE DISTRICT OF COLUMBIA  
MURIEL BOWSER, MAYOR

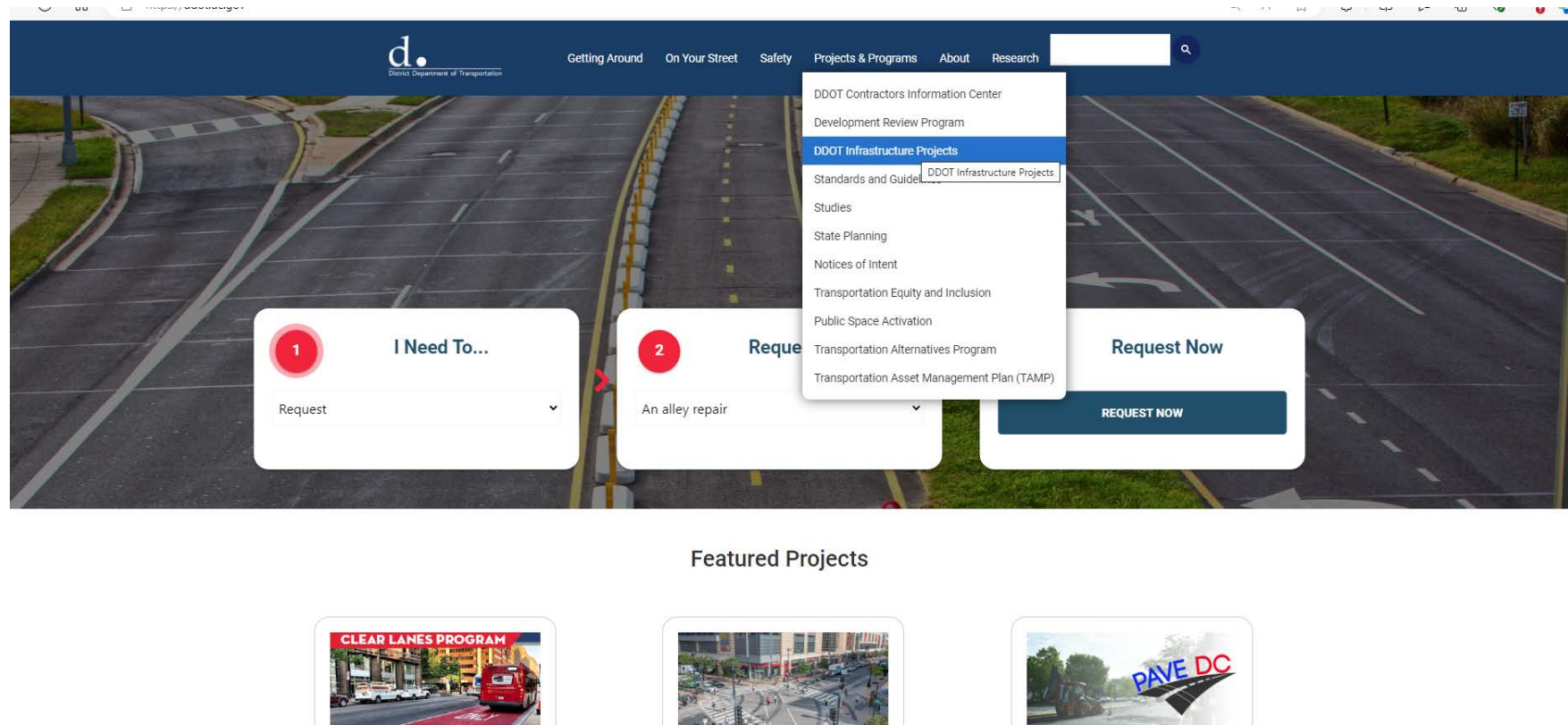
# DDOT Contractors Information Center

Provides important information for firms doing design and construction work for DDOT, <https://ddot.dc.gov/page/contractors-information-center>

- Procurement online sites
- Bidding Information
- Manuals, Guidelines and Standards

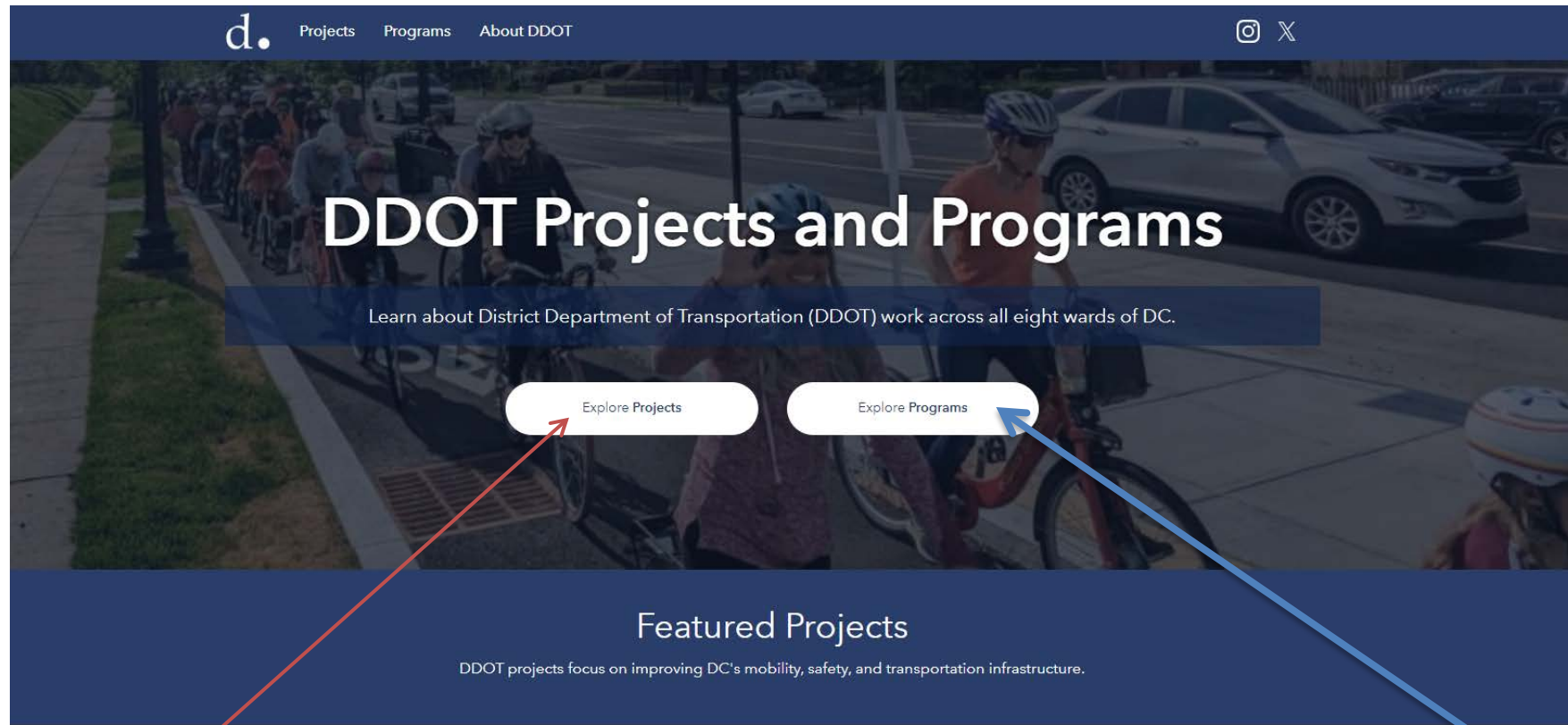


# DDOT.DC.GOV Website – [The District Department of Transportation](https://ddot.dc.gov)



Under Projects & Programs, Click *DDOT Infrastructure Projects*

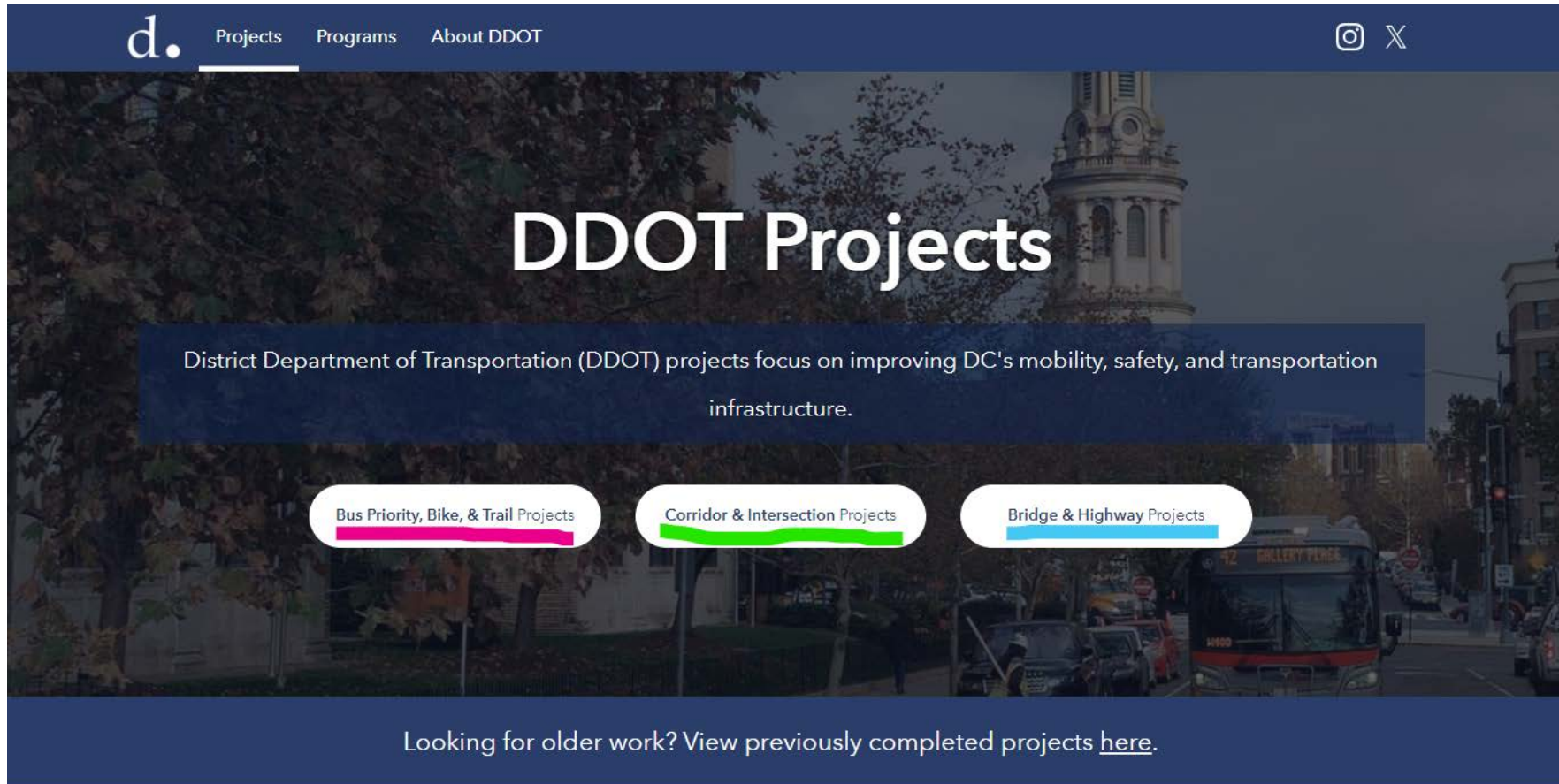
# DDOT Projects and Programs - [DDOT Projects and Programs](#)



Projects have defined limits: typically corridors, intersections, bridges, or trails

Programs are spread throughout the city

# DDOT Projects - [DDOT Projects](#) | [DDOT Projects and Programs](#)



**Bus Priority, Bike,  
& Trail Projects**

**Corridors and  
Intersection  
Projects**

**Bridge & Highway  
Projects**

# DDOT Programs - [DDOT Programs](#) | [DDOT Projects and Programs](#)

The screenshot shows the DDOT Programs website. At the top, there is a navigation bar with the 'd.' logo, 'Projects', 'Programs', and 'About DDOT' links, along with social media icons for Instagram and X. The main heading is 'DDOT Programs'. Below this is a descriptive paragraph: 'District Department of Transportation (DDOT) programs are diverse and range from school safety initiatives to stewardship of our urban forest. Programs touch all corners of the city and support DDOT's mission to equitably deliver a safe and sustainable transportation network.'

The main content area features a search bar with the placeholder text 'Enter search terms'. Below the search bar is a 'Filter' sidebar on the left with the following categories and counts:

- Category
- Planning and construction (8)
- Maintenance and stewardship (9)
- Enforcement and oversight (6)

The main content area displays a grid of six program cards, each with a title, a 'District of Columbia' logo, and an update date:

- Sidewalk Gaps**: Sidewalk Gap Program, Updated: Oct 31, 2024
- PaveDC**: PaveDC, Updated: Oct 25, 2024
- Freight DC**: Freight DC, Updated: Sep 13, 2024
- Shared Micromobility**: Shared Micromobility, Updated: Oct 29, 2024
- Neighborhood Safety and Mobility Studies**: Neighborhood Safety and Mobility Studies - under development, Updated: Nov 4, 2024
- DC Power Line Undergrounding (DC PLUG)**: DC Power Line Undergrounding (DC PLUG), Updated: Oct 16, 2024

A blue arrow points from the 'DC Power Line Undergrounding (DC PLUG)' card to the right, towards the text 'Click name on banner to get to detailed site'.

Can Search by name or Filter by Category:

- Planning and Construction
- Maintenance and Stewardship
- Enforcement and Oversight

Click name on banner to get to detailed site

# H Street Bridge NE

## North Capitol Street to 3<sup>rd</sup> Street

**WHAT** – A full bridge replacement bridge carrying H Street NE from North Capitol Street to 3<sup>rd</sup> Street, designed to accommodate expansion of Union Station and adjacent private development in the air rights above the railyard.

**WHEN** - RFP to shortlisted DB teams on Oct 15<sup>th</sup>  
Due March 7th. PM/CM coming soon.

**Design, Construction, and  
Construction Management**



Source: DDOT Project Photos



Source: Burnham Place at Union Station 2012 Vision Document



# Rehabilitation of Whitehurst Freeway Bridge

## over Lower K St and Water St

**WHAT** – Bridge rehabilitation to maintain the structure’s service life, improve safety by making necessary repairs to the bridge’s substructure and superstructure, maintain the structural integrity and further reduce further damage from continued deterioration and aging of the Whitehurst Freeway.

**WHEN** - CY 2024 4th Quarter

**Condition Assessment  
Design**

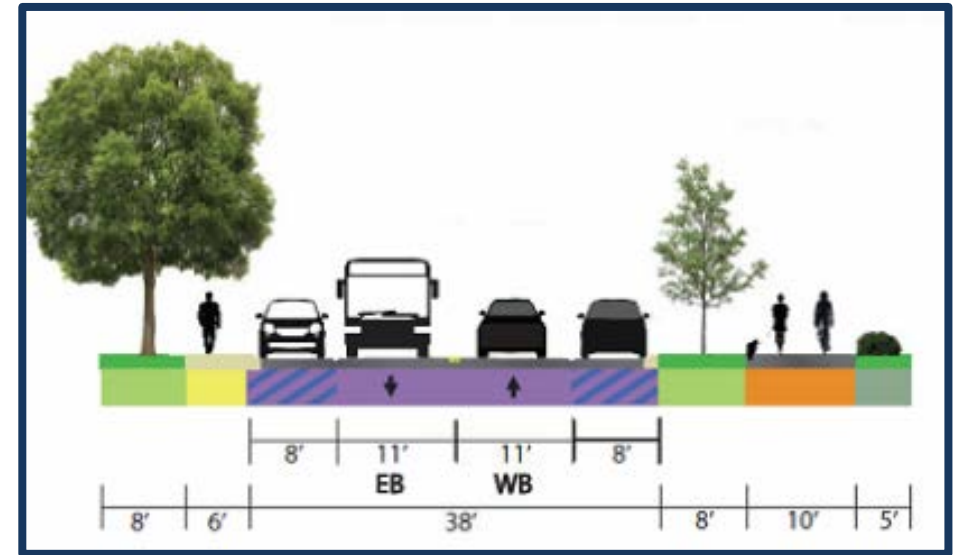


# Rehabilitation of Aspen Street 16<sup>th</sup> St NW to Georgia Ave NW

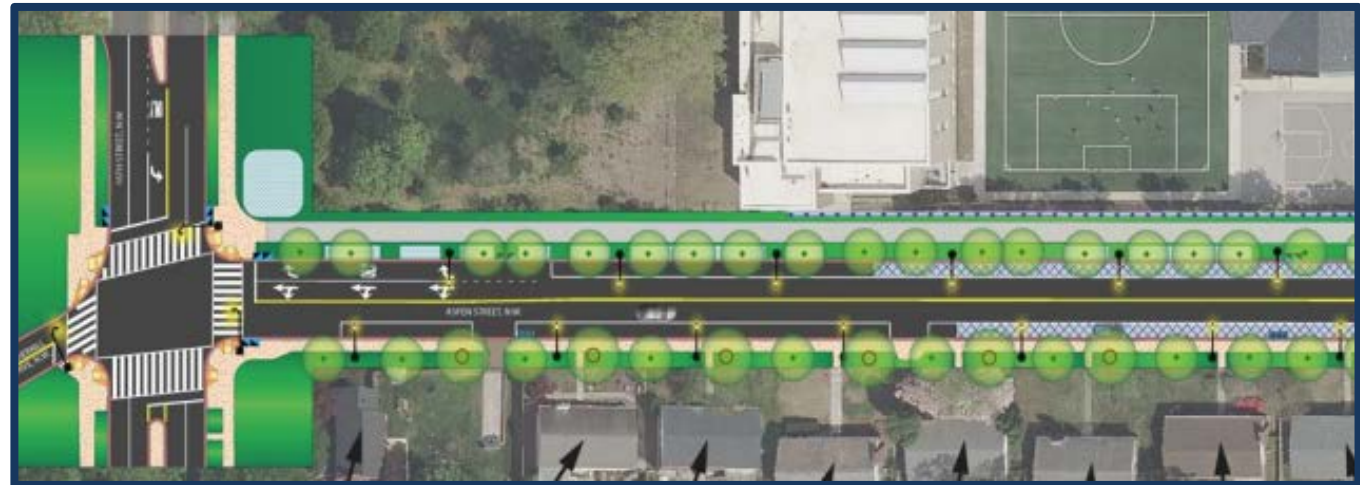
**WHAT** – to provide an improved and sustainable transportation network, pedestrian/vehicular safety and accessibility, efficient travel options, street, and sidewalk enhancement, etc. Includes a widened roadway, new multi-use trail, dedicated turning lanes on Aspen St at 16<sup>th</sup> St and Georgia Ave intersections, and improved drainage.

**WHEN** - CY 2024 4th Quarter

**Construction Management  
Construction**



*Proposed Typical Section  
16<sup>th</sup> St to Luzon Ave*



*Proposed Improvements, 16<sup>th</sup> St to west of 14<sup>th</sup> St.*



# 11<sup>th</sup> Street Bridge Park

**WHAT** – Will be the City’s first elevated public park, to be located on the piers of the old 11<sup>th</sup> Street bridge over the Anacostia River. It is a collaborative project between DDOT and the non-profit Bridges Across the River (BBAR)

**WHEN** - CY 2025 2nd Quarter



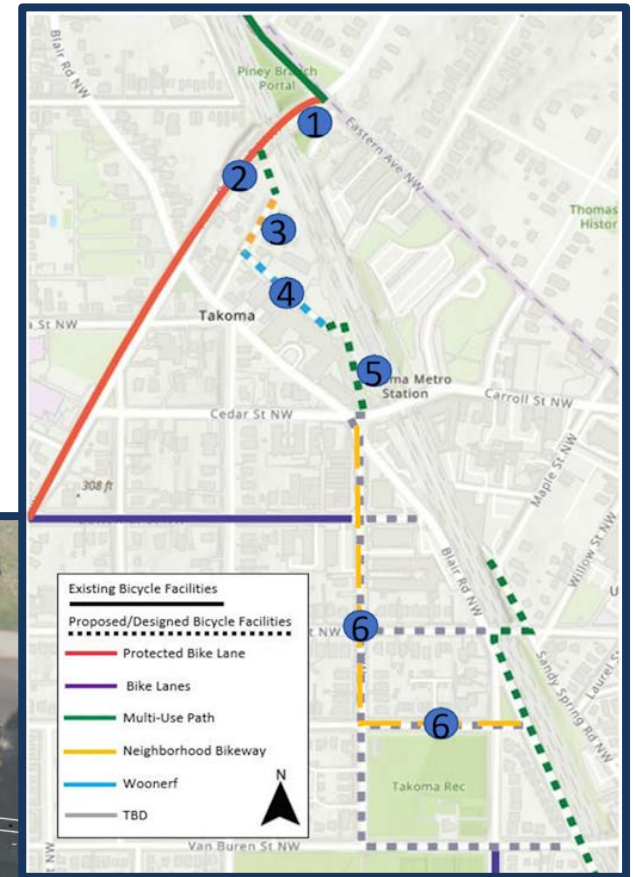
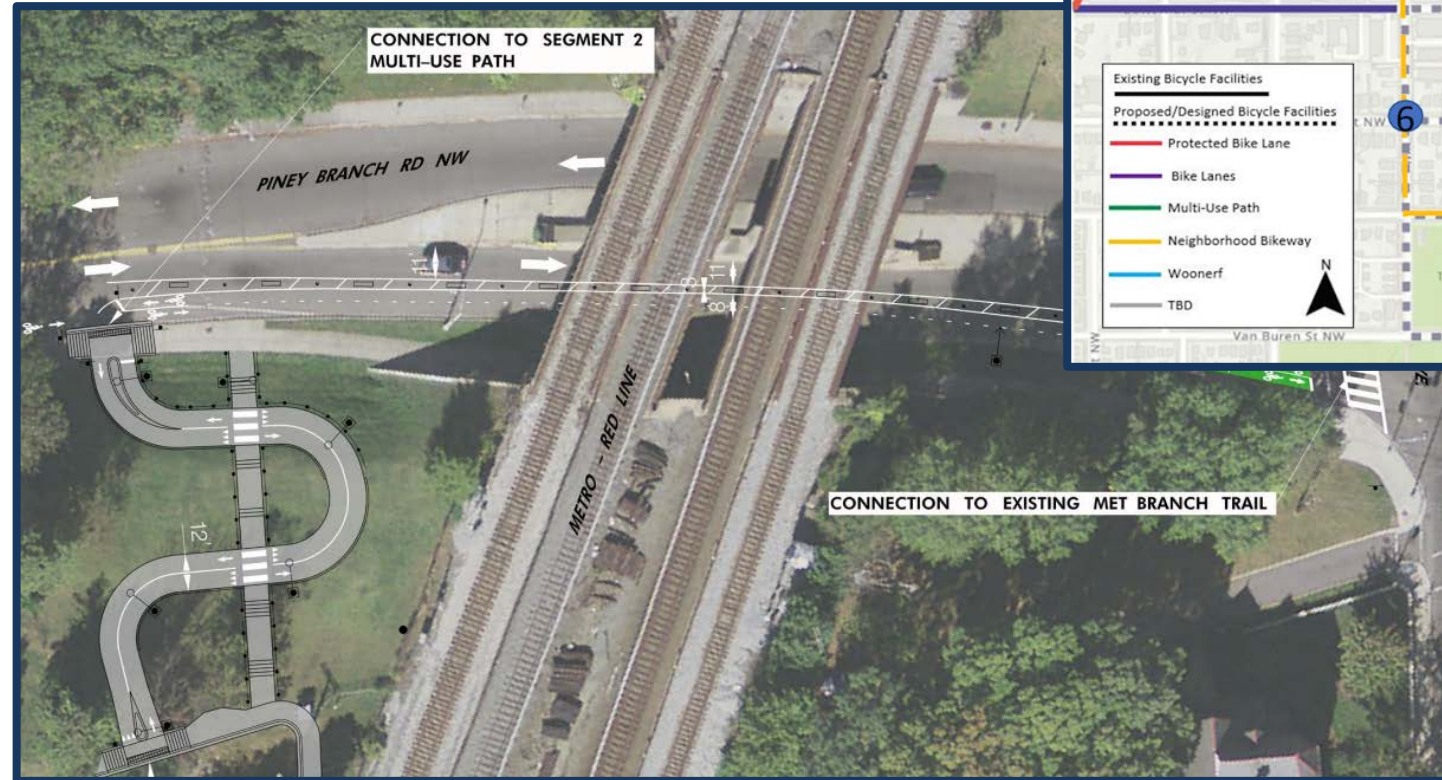
**Construction  
Construction Management**

# Met Branch Trail (MBT)

## Blair Rd to Piney Branch NW

**WHAT** – Provide the northern most segment of the MBT, completing the 8-mile-long trail between Silver Spring, MD and Union Station in DC. Segment includes protected bike lanes (PBL), multi-use trail, and neighborhood bikeways.

**WHEN** - CY 2025 1<sup>st</sup> Quarter



**Construction  
Construction Management**

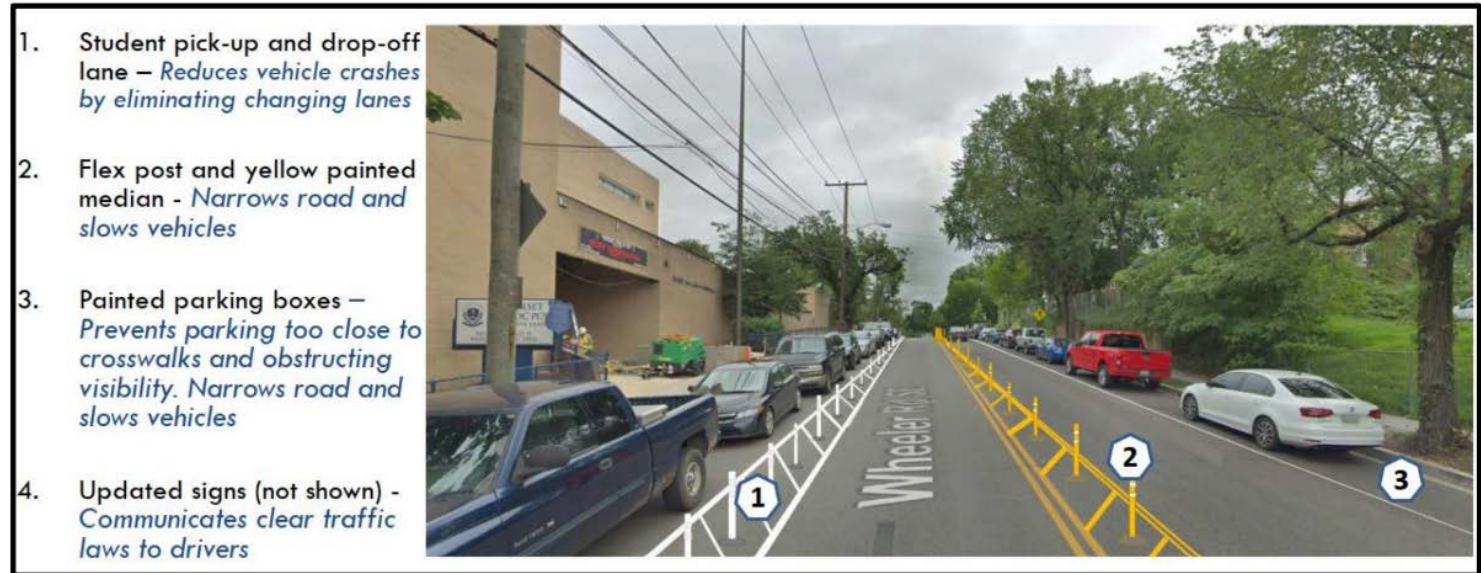
# Wheeler Road Alabama Ave to Southern Ave SE

**WHAT** – Address safety issues in the corridor including unsafe school access, cars regularly speeding, unsafe pedestrian crossings, and unsafe biking conditions.

**WHEN** - CY 2025 2<sup>nd</sup> Quarter

**\$20m Federal Grant Award!!!!**

**Construction  
Construction Management**

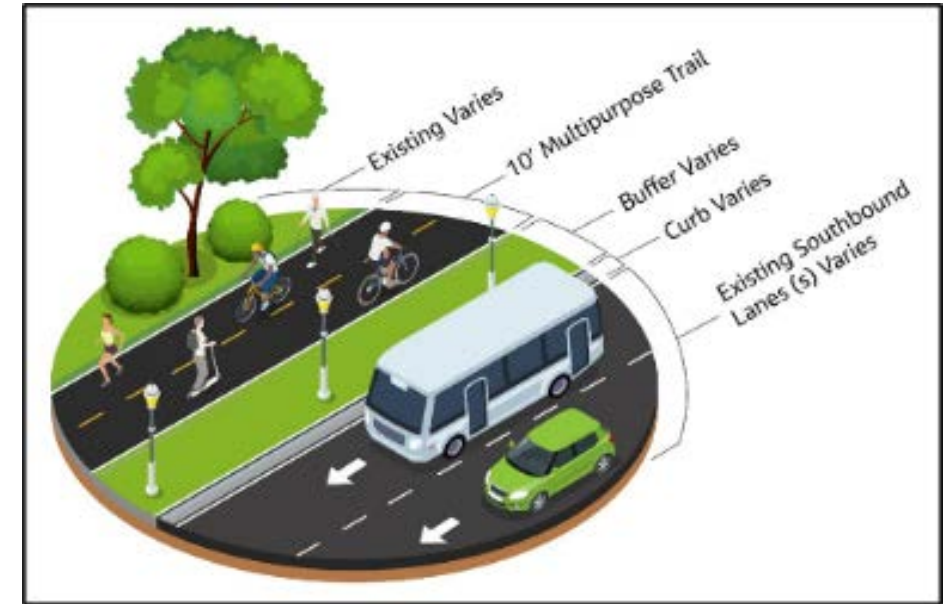


1. Student pick-up and drop-off lane – Reduces vehicle crashes by eliminating changing lanes
2. Flex post and yellow painted median - Narrows road and slows vehicles
3. Painted parking boxes – Prevents parking too close to crosswalks and obstructing visibility. Narrows road and slows vehicles
4. Updated signs (not shown) - Communicates clear traffic laws to drivers

Figure 10: KIPP DC Wheeler Campus after Quick Build Phase 1 safety improvements. Source: Wheeler Road presentation, Spring 2022

# South Capitol Street Trail

**WHAT** – Improves bicycle and pedestrian access along South Capitol Street/Overlook Avenue. The limits of the project extend for about 3.8 miles from the Firth Sterling Street/South Capitol Street intersection, southward along South Capitol Street/Overlook Avenue to Laboratory Road, and eastward under the I-295 overpass to Shepherds Parkway



**WHEN** - CY 2025 1<sup>st</sup> Quarter

**\$10m Federal Grant Award!!!!**

**Construction  
Construction Management**



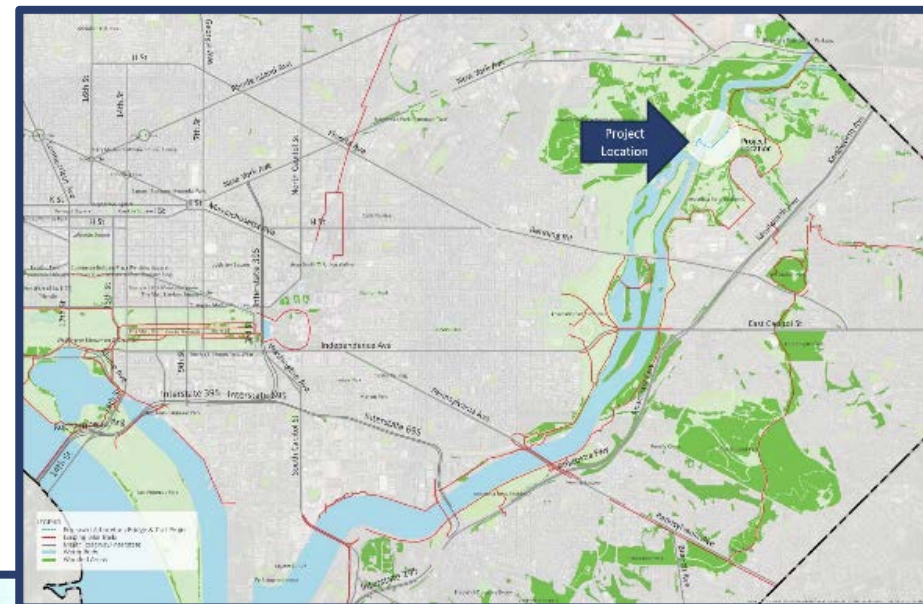
# Arboretum Bridge and Trail

**WHAT** – Part of the Anacostia River Trail network, which will be 28-miles long when fully developed. Project will provide the missing trail segment between the Anacostia waterfront and the U.S. National Arboretum, which draws over 500,000 visitors annually.

**WHEN** - CY 2025 2<sup>nd</sup> Quarter

***\$6.5m Federal Grant Award!!!!***

**Construction  
Construction Management**



# DC Power Line Undergrounding (PLUG)

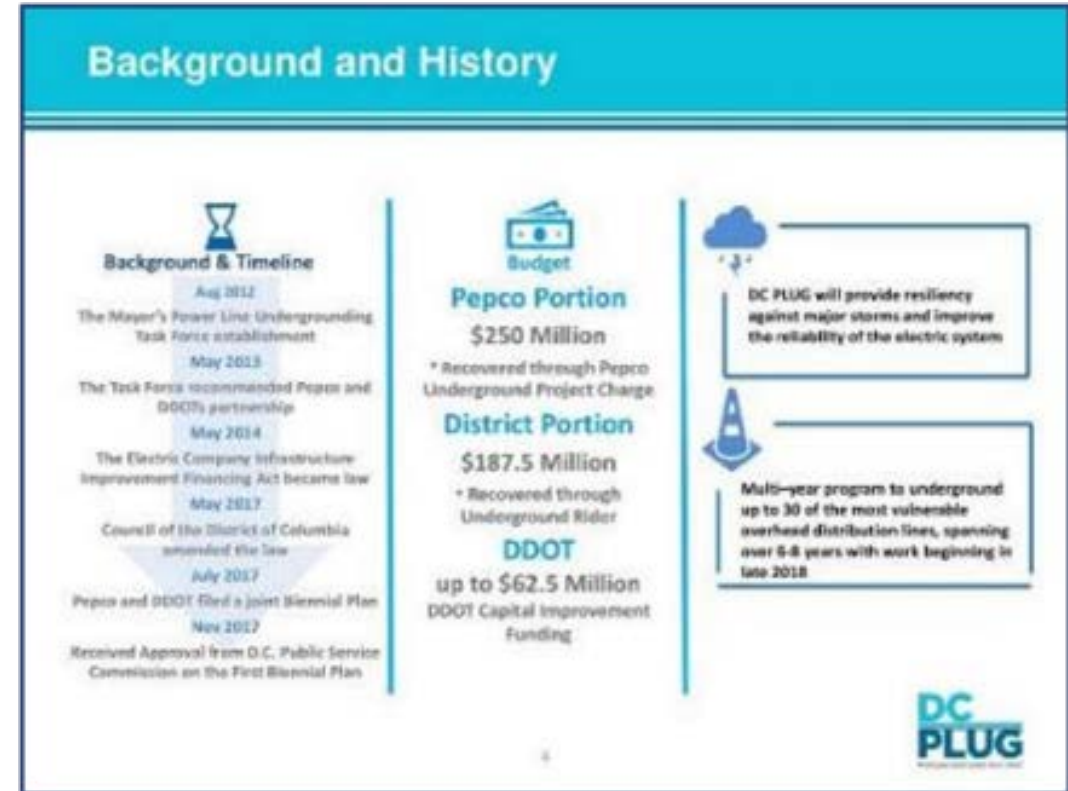


**WHAT** – Move key overhead lines to underground to improve safety, resiliency and reliability

**WHEN** - Quarter

## VALUE

- Construction ranging from \$1M to \$15+ M
- Check Project Forecast website for upcoming feeder construction (currently 12 Feeders)



**Construction**

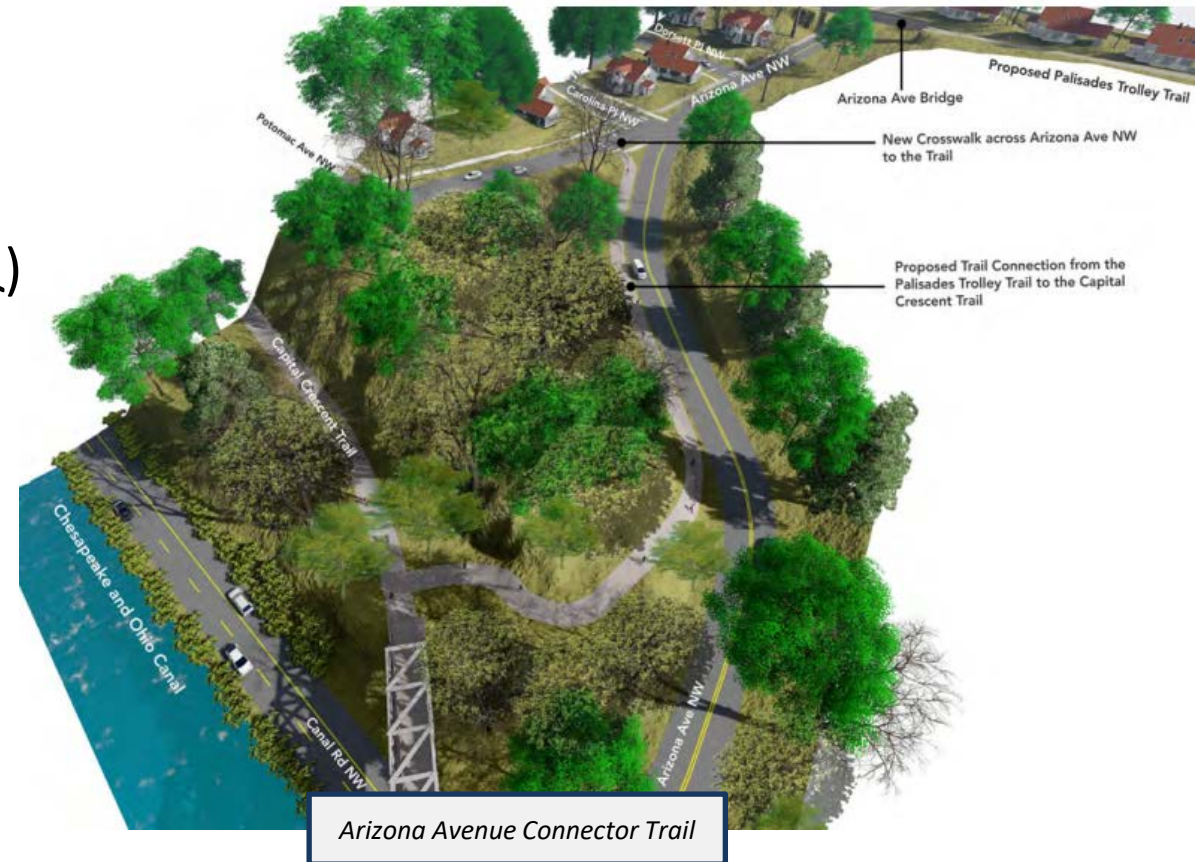


# Other Upcoming Design Opportunities

- Arizona Ave., Connector Trail to the Capital Crescent Trail
- 10<sup>th</sup> St. Bridge SW over I-395
- Bladensburg Road
- Bridge Design (Consultant IDIQ)
- Consultant Bridge Inspection (Consultant IDIQ)



Bridge Inspection



Arizona Avenue Connector Trail

# Other Upcoming Construction and Construction Management Opportunities

- Rehabilitation of I-395 NB Bridge over the Potomac River Design-Build – CY 2025, 1<sup>st</sup> Quarter **Industry Day – Oct 15, 2024**
- Kenilworth Terrace over Watts Branch and Anacostia Ave over Anacostia River Outlet (Bridge 47 & 78) – CY2025, 1st Quarter
- Construction Management on Highway Bridges and Structures CY25, 1<sup>st</sup> Quarter
- Pennsylvania Ave and Minnesota Ave., SE Intersection Improvements - CY25, 1<sup>st</sup> Quarter
- Martin Luther King Jr. Phase 2 – CY2025 3<sup>rd</sup> Quarter
- Benning Road, Phase 1- CY 2025, 3<sup>rd</sup> Quarter



# New and Rehabilitated Trail Segments

## *New or Rehabilitated Trail Segments*

- Suitland Parkway Trail
- Shepherd Branch Trail
- Oxon Run Trail
- Anacostia River Walk Trail (Neighborhood Access)
- Arboretum Bridge to Maryland Ave Connector
- Lincoln Connector Trail



Source: DDOT Suitland Parkway Trail Rehabilitation Public Meeting

# Opportunities For Improvement between DDOT and Consultants

- Track project opportunities posted on DTAP and A/E Schedule
- Improved understanding of DDOT standards and operating procedures
- Improved project schedule performance





# Questions?



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District Department of Transportation

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