



DC Power Line Undergrounding (PLUG) Feeder 14758- Ward 8

District Department of Transportation (DDOT) and Pepco
Civil Design

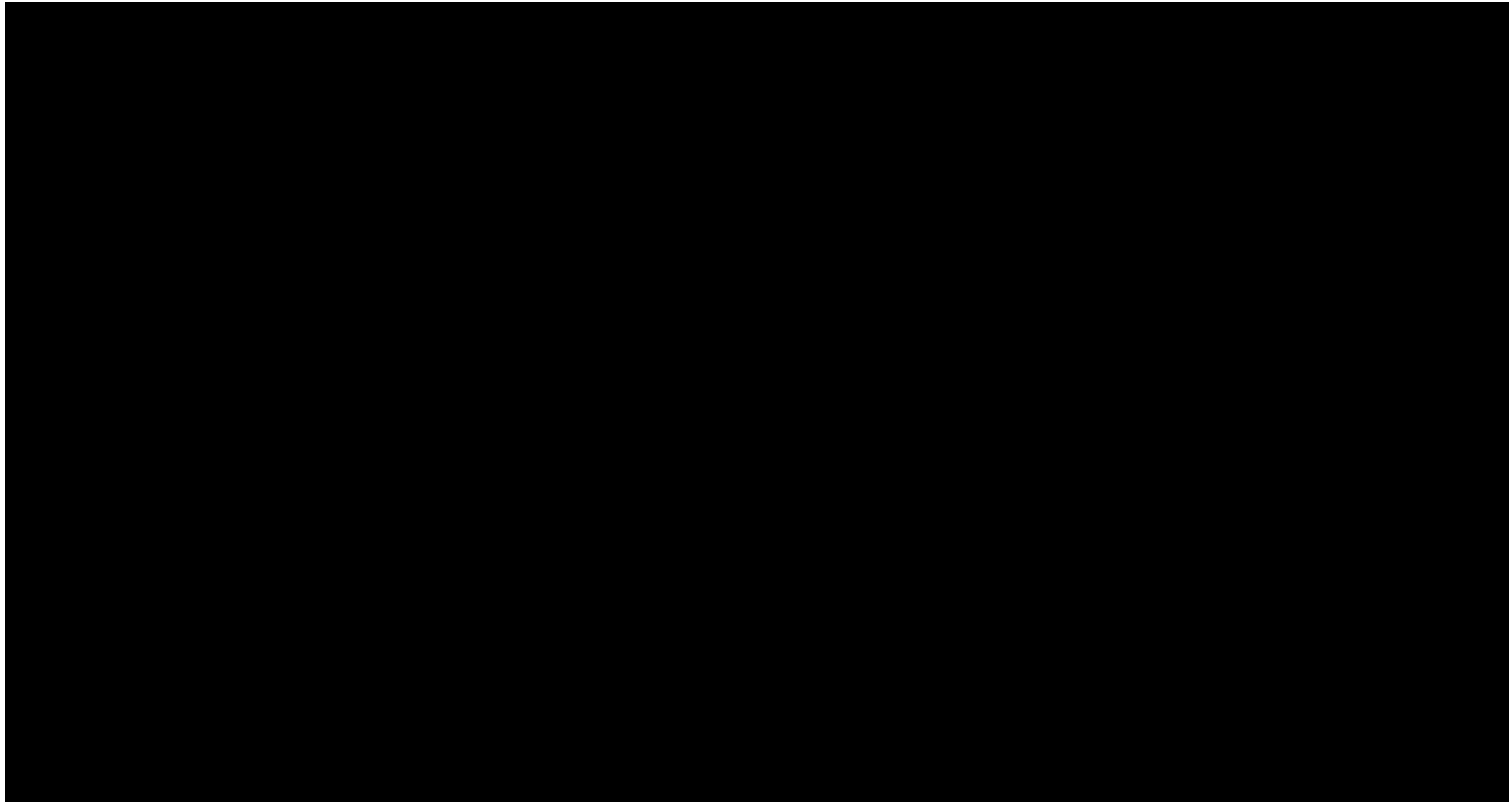
April 28, 2021



Agenda

- DC PLUG Introductory Video
- Remarks from Pepco Region President Donna Cooper
- DC PLUG Background
- Existing System Model
- Proposed Underground System Model
- Project Status and Timelines
- Project Scope and Limits
- Maintenance of Traffic
- Communications Strategy
- Contact Information

DC PLUG Video



<https://dcpluginfo.com/about/>

Opening Remarks

Donna Cooper
Pepco Region President



Background



Background & Timeline

Aug 2012

The Mayor's Power Line Undergrounding Task Force establishment

May 2013

The Task Force recommended a partnership between Pepco and the District of Columbia

May 2014

The Electric Company Infrastructure Improvement Financing Act became law

May 2017

Council of the District of Columbia amended the law

Nov 2017

Approval from Public Service Commission of the District of Columbia on the First Biennial Plan

Jan 2020

Approval from Public Service Commission of the District of Columbia on the Second Biennial Plan



Budget

Pepco Portion

\$250 Million

* Recovered through Pepco Underground Project Charge

District Portion

\$187.5 Million

* Recovered through Underground Rider

DDOT

up to \$62.5 Million
DDOT Capital Improvement Funding



DC PLUG will provide resiliency against major storms and improve the reliability of the electric system



Multi-year program to underground up to 30 of the most vulnerable overhead distribution lines, spanning over 6-8 years with work beginning in early 2019

Feeder Selection Process

In selecting the feeders, DDOT and Pepco followed a five-step process:

Based on data from January 1, 2010 through December 31, 2016 for first biennial and January 1, 2010 through December 31, 2018 for second biennial, ranked feeders by historical reliability and customer minutes of interruptions reduced per dollar spent (SAIFI, SAIDI, CMI/\$).

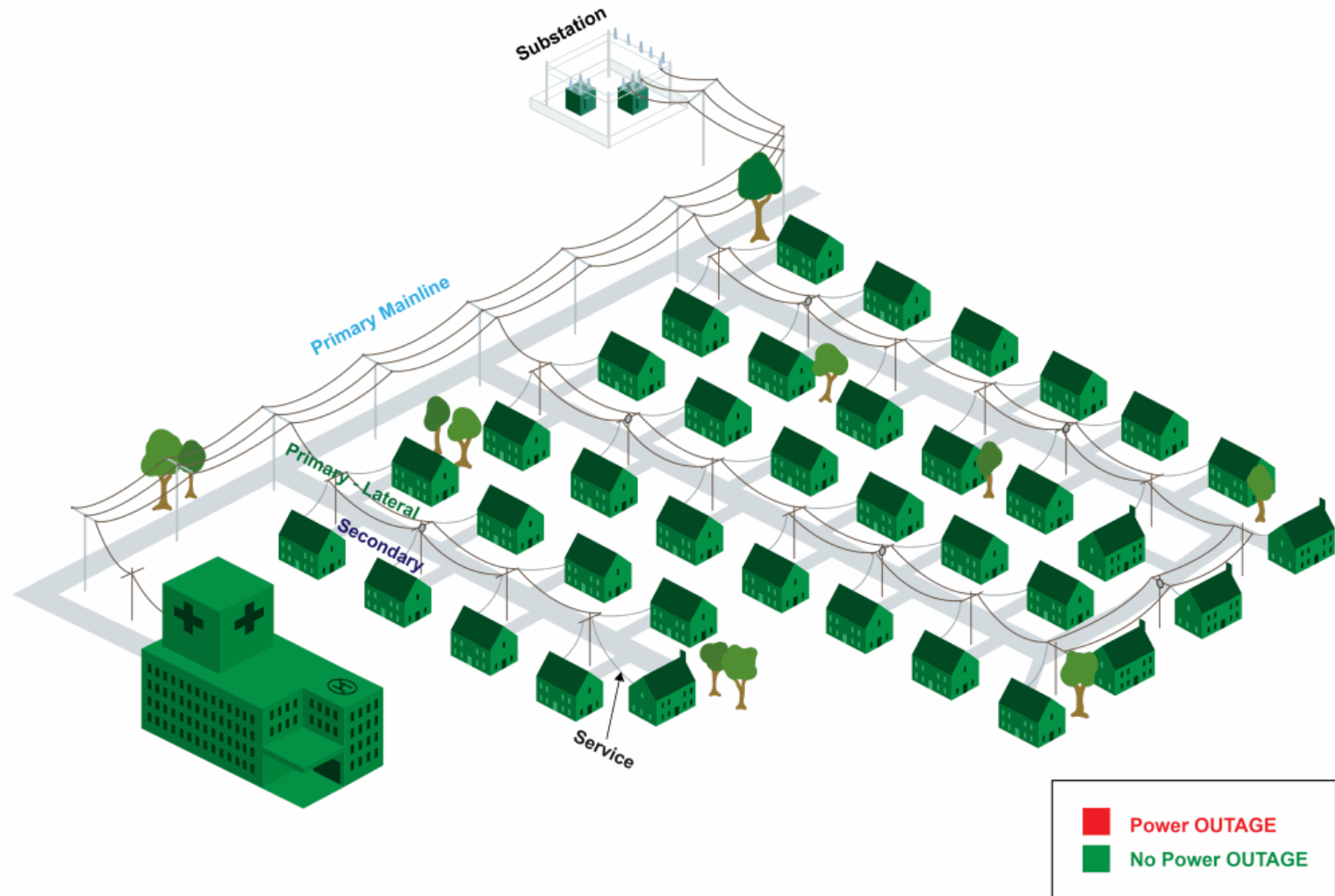
Identified the highest-ranked feeders in each of the five Wards (Wards 3, 4, 5, 7 and 8) of the District of Columbia characterized by a large concentration of overhead power lines and susceptibility to overhead outages.

Analyzed ongoing reliability work as well as current and planned system work.

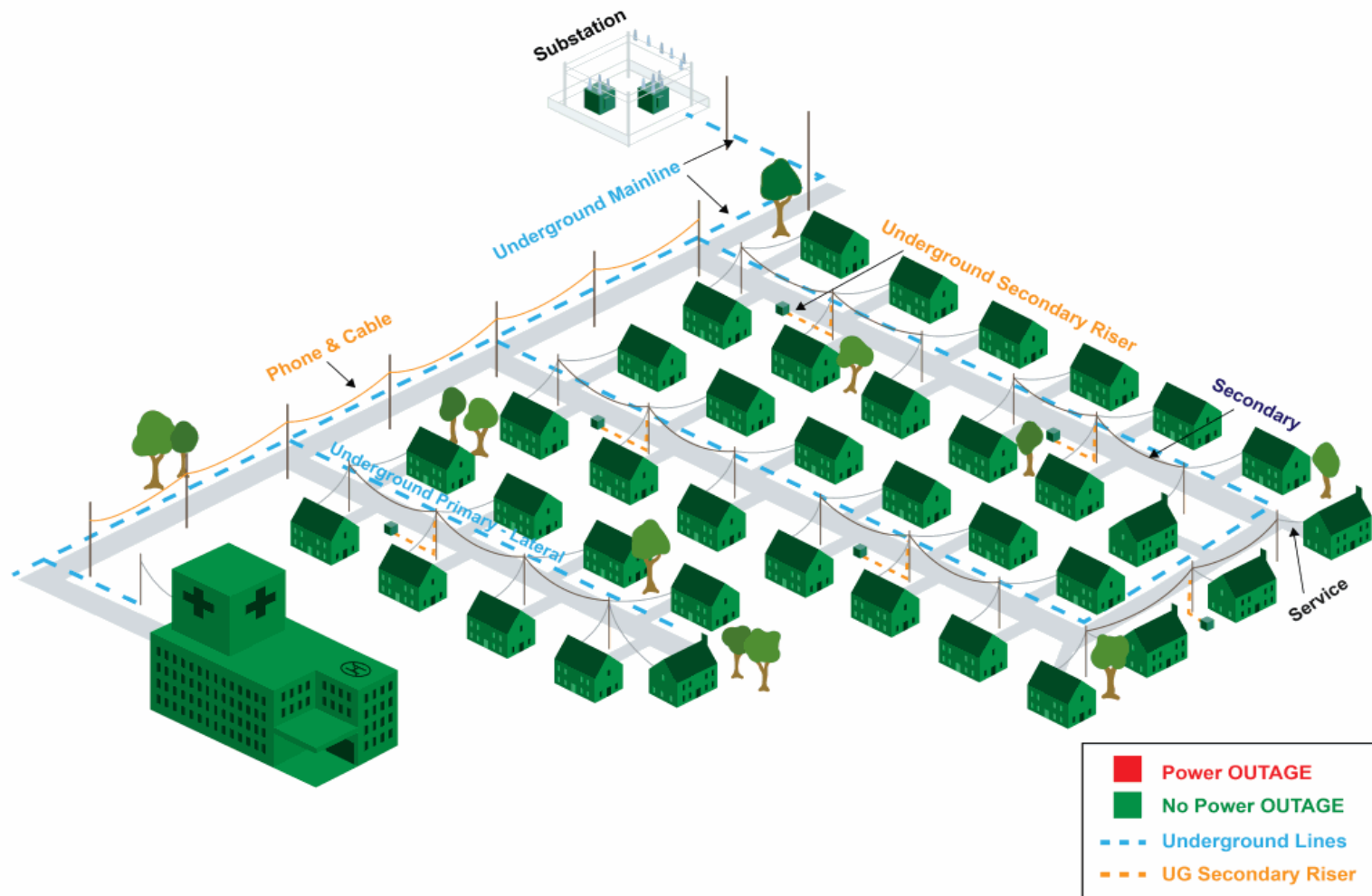
Identified opportunities to take advantage of existing or planned DDOT roadway reconstruction projects.

Finalized the feeder selection for inclusion in the Biennial Plans.

Existing Overhead System (Before DC PLUG)



Proposed Underground Plan (After DC PLUG)



Feeder 14758 Current Status and Timeline – Design

- | | |
|--|----------------|
| • Project Kick-off | May 2020 |
| • 30% Design Submission | September 2020 |
| • Meet with Councilmember Trayon White | September 2020 |
| • ANC Meetings | December 2020 |
| • 65% Intermediate Submission | March 2021 |
| • Open-House Public Meeting | April 2021 |
| • 100% Design Submission | June 2021 |
| • Final Submission of PS&E | July 2021 |

Feeder 14758 Construction Timeline*

- Civil construction starts Winter 2022
- Civil construction completes Fall 2023
- Electrical construction completion Spring 2024
- Feeder 14758 will be energized in Spring 2024, depending on weather and other outside factors

*Subject to change

Project Scope

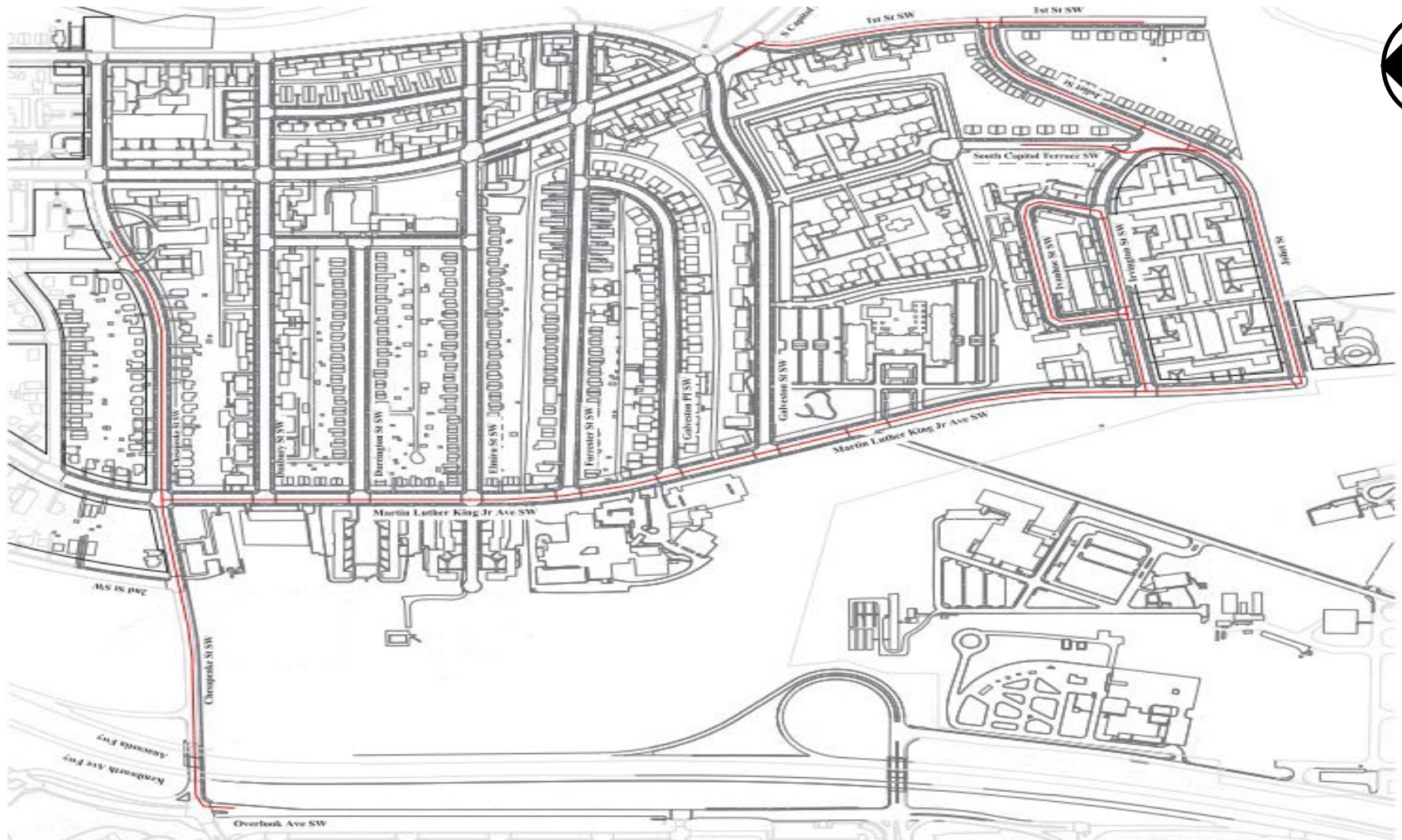
- Erosion and sediment control
- Installation of duct bank, electrical manholes, tap holes, and transformer enclosures
- Roadway restoration
- Pavement marking restoration
- Electrical work will begin following the completion of the Civil construction



Project Scope



Feeder 14758 Map



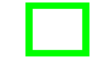



DC PLUG Feeder 14758 Map

Proposed Pepco Conduits and Manholes







LEGEND

-  Proposed Alignment
-  Manhole
-  TAP Hole
-  Transformer Enclosure

Proposed Pepco Conduits and Manholes



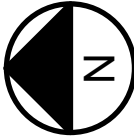
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Proposed Pepco Conduits and Manholes



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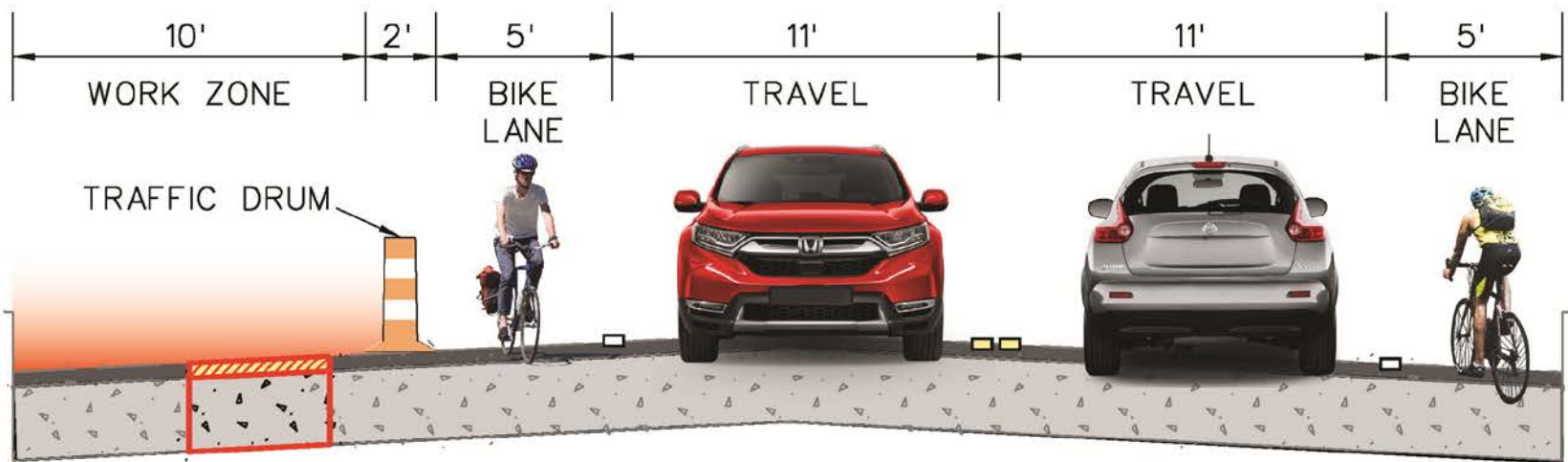
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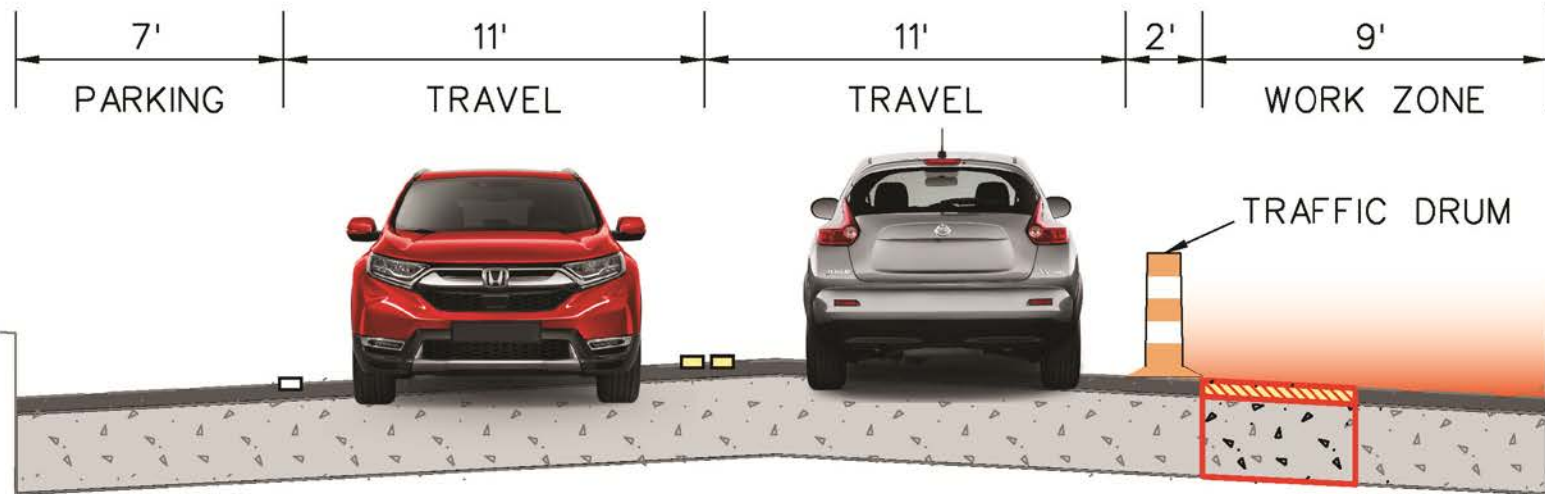
Maintenance of Traffic During Construction

- Maintain accessibility for residents and businesses
- Parking Impacts: Minimum 72 hours advance notice
- Safe accommodation for pedestrians and bicyclists will be provided during construction
- Public outreach team will coordinate with the residents and other stakeholders throughout the construction

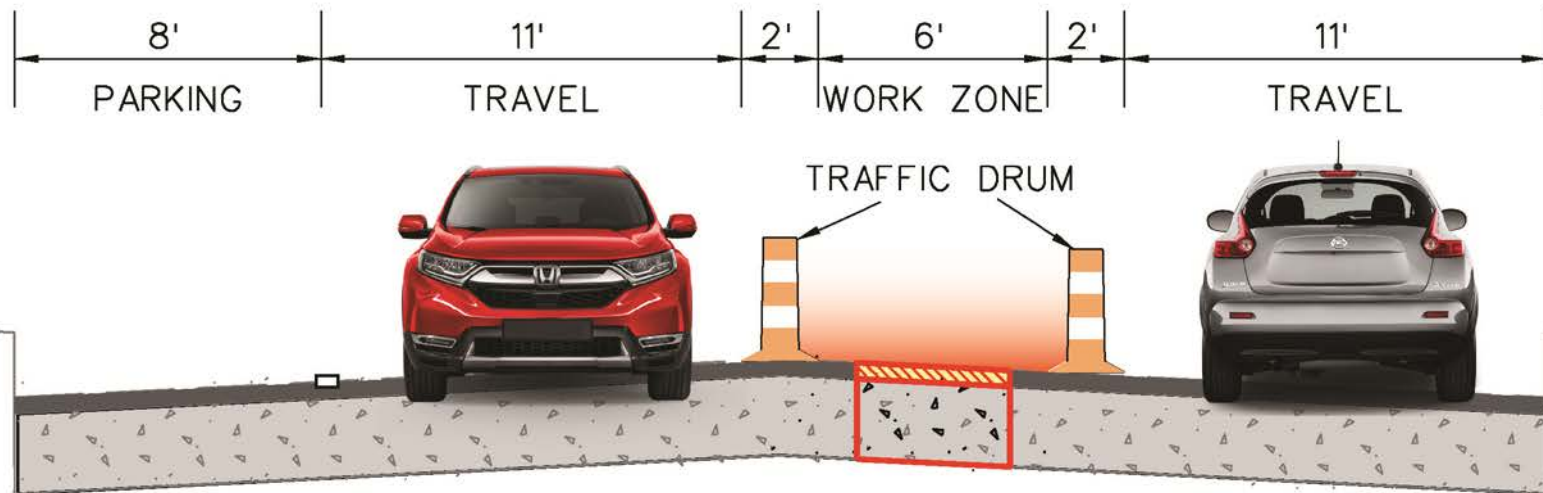
Typical Maintenance of Traffic During Construction



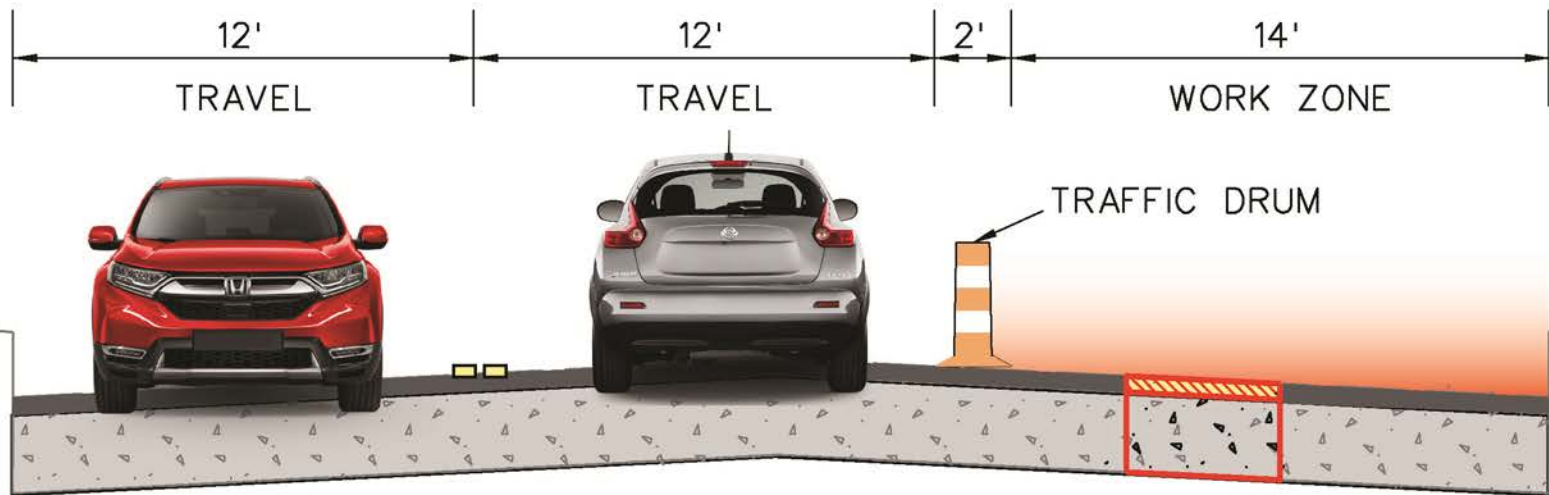
Typical Maintenance of Traffic During Construction



Typical Maintenance of Traffic During Construction



Typical Maintenance of Traffic During Construction



Integrated Communications Strategy – DC PLUG Education Plan

Executing the DC PLUG Education Plan

- Project Meeting Playbook
 - Construction Project Introduction (1 month prior)
 - Pre-Construction (at start of construction)
 - Construction Progress (during construction)
 - Emergency Meetings (if challenges arise)
- Common Collateral
 - Social Media Outreach
 - Undergrounding video
 - Project Fact Sheets
 - Flyers, Door Hangers
 - Project Area Maps
 - Work Site Signs
 - Post Cards
 - Project Hot Line: 1-844-758-4146
 - Project Web Site: dcpluginfo.com
 - Project Email Address: questions@dcpluginfo.com





GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION



Title VI Public Involvement Questionnaire

The District Department of Transportation is committed to providing all citizens, regardless of race, color, age, gender, or national origin, the opportunity to participate in and respond to transportation plans, programs, and activities that may affect their community. To help us make sure we are reaching our goal and maintaining compliance with Title VI of the Civil Rights Act of 1964 and all relevant federal and local nondiscrimination laws, we ask that you voluntarily complete the following information. DDOT's Title VI Coordinator will handle the information you provide with confidentiality. For more information regarding DDOT's Title VI Program, please contact DDOT's Transportation Equity and Inclusion Division at 202.671.2700 or ddot@dc.gov.

Project/Meeting Name & Date

☐ DC PLUG Ward 8 Feeder 14758 Virtual Open House, April 28, 2021

Was this meeting held at a convenient time?

☐ Yes

☐ No

Next

As a recipient of Federal assistance, DDOT must ensure that all of its programs, activities and public meetings are conducted in compliance with Title VI of the Civil Rights Act of 1964. This Act ensures nondiscrimination based on race, color or national origin. The Title VI Public Meeting Participant Questionnaire is used to help DDOT ensure that we are informing the public and conducting our meetings in a nondiscriminatory manner, in compliance with Title VI.

Project comments and/or concerns may also be submitted through this form. We appreciate anyone who is willing to complete the form.

Thank you for your participation.

Contact Us

Questions?



www.dcplugininfo.com



questions@dcplugininfo.com



1-844-758-4146



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