



The Capital Grid Project

Building Tomorrow's Energy Grid Today

New Hampshire Avenue Virtual Meeting

July 20, 2020



Agenda

- Welcome – Stacey Hemby (TB&A, Outreach and Engagement)
- COVID-19 Statement – Tavoris Culpepper (Pepco, Public Affairs Manager)
- Project Overview – Tavoris Culpepper (Pepco, Public Affairs Manager)
- Construction Update – Pat Burke (DCI/Meade, Project Manager)
- Outreach and Engagement – Tavoris Culpepper (Pepco, Public Affairs Manager)
- Q&A

COVID - 19



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Statement on COVID-19

We have taken several safety measures as we complete critical reliability work where our customers live. We have developed new protocols for crews so they can incorporate social distancing and other safety practices on top of our usual precautions.

We have also been asking customers through emails and social media messages to please keep a safe distance from crews when they are working near their homes. You may soon notice signs on our trucks with this reminder.

Overview: Coronavirus and Actions We Are Taking

- We continue to monitor the impact the coronavirus is having on our customers and the communities that we are both a part of and have the privilege to serve.
- We recognize system reliability and business continuity are essential, especially during this time, and we take seriously the responsibility to provide all our customers with safe and reliable service.
- We know the impact has been significant, both from a public health and financial perspective, and that these impacts continue; we are working with community and government partners, like you, to support relief and response efforts.
- We have taken significant steps to keep our customers and communities safe, as we continue to perform our essential work; we have had team members, friends and neighbors impacted by the virus and know that we are in this together.
- We are committed to helping our jurisdictions recover and to continuing support for our customers to help them manage through these difficult times.

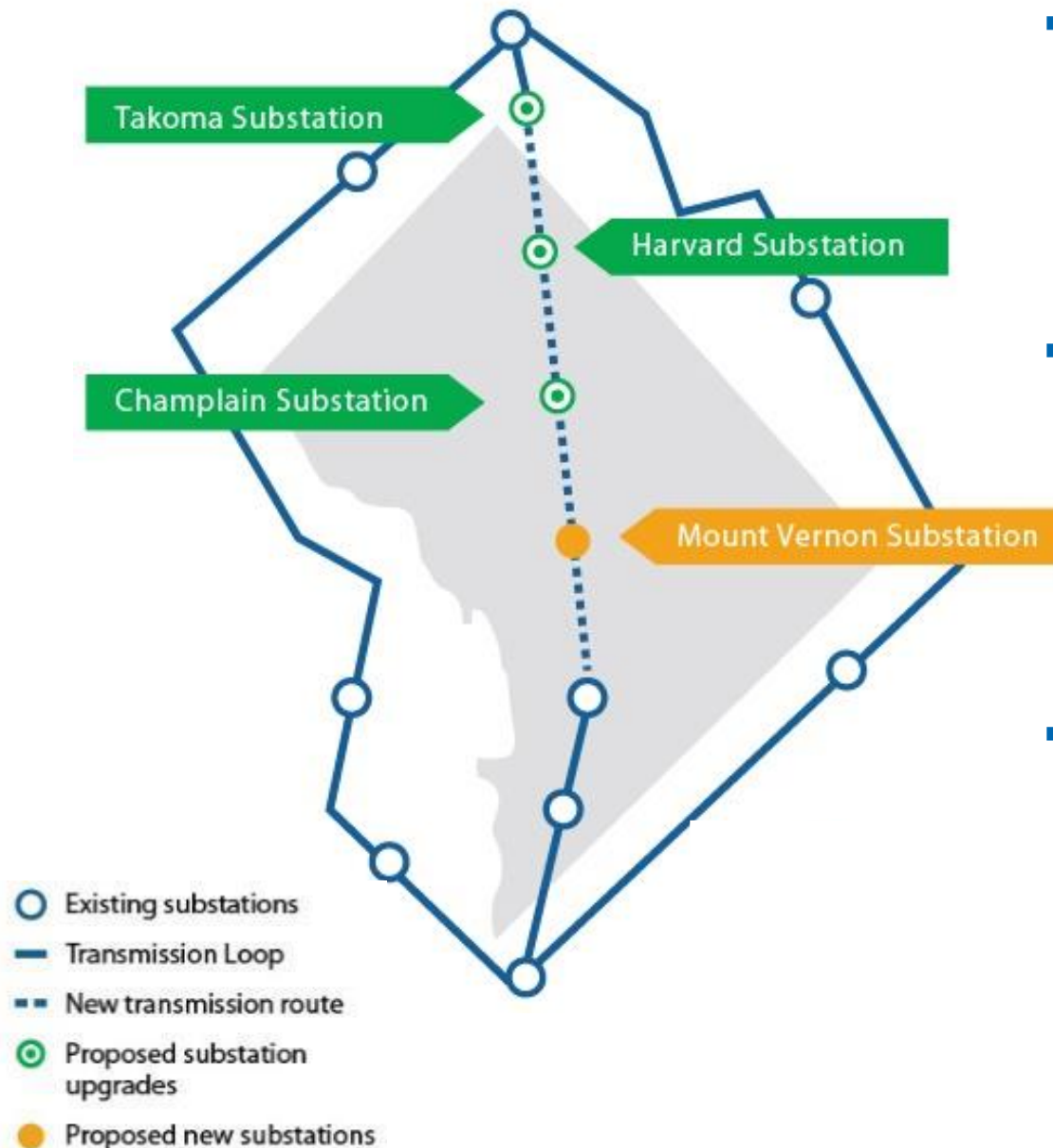


Project Overview



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Building a Networked System

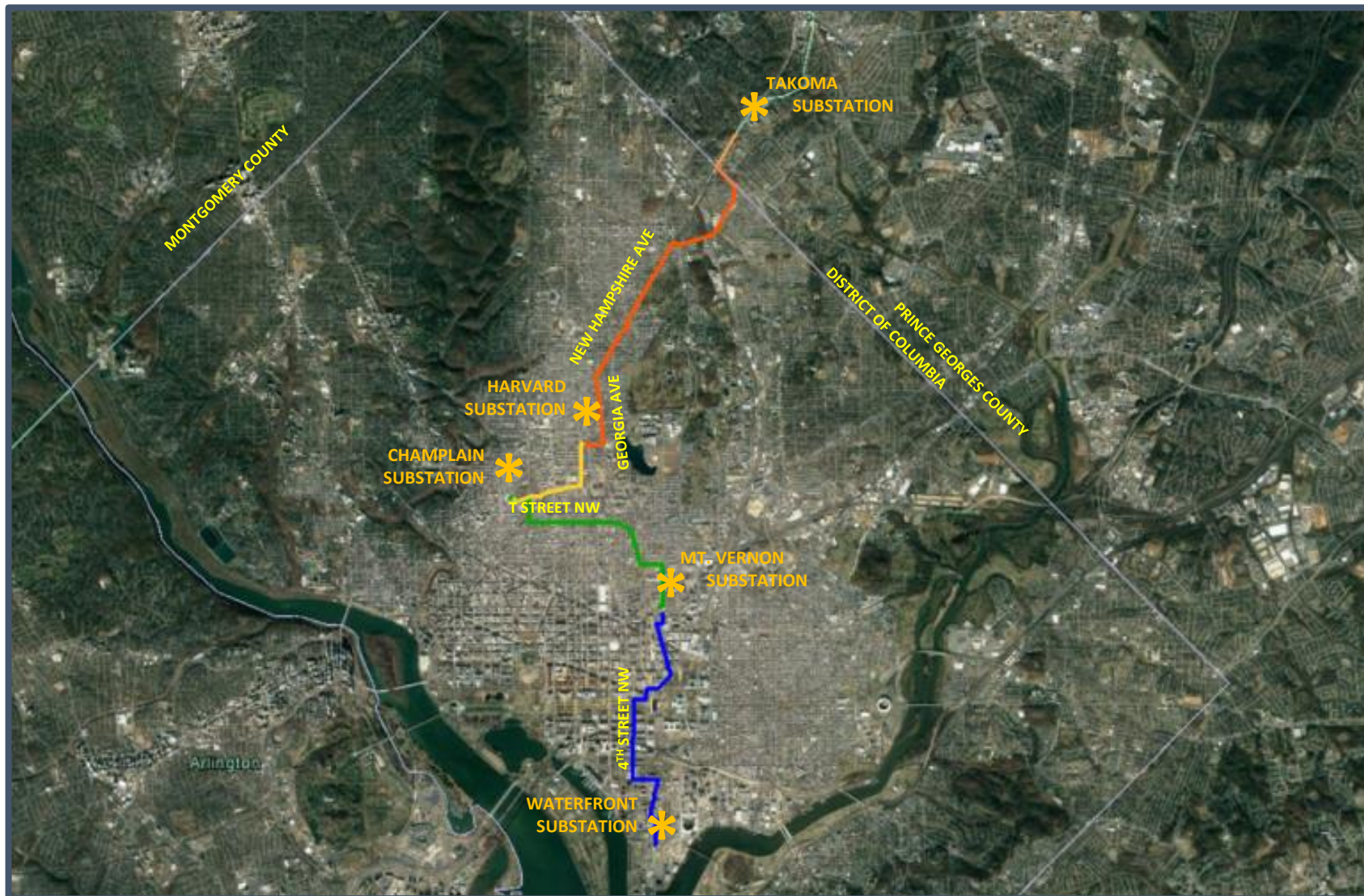


- The Capital Grid project will create multiple pathways of power supply to connect multiple substations in the Capital area with higher electrical load capacity
- The project proposes a “**networked system**” to deliver electricity faster to areas experiencing an outage and lessen the impact from severe weather or other unexpected events
- Networking the Capital area electric system will create a more reliable and resilient grid to provide capacity expansion to support demand

The Solution: A Forward-Looking Plan

- The Capital Grid project will solve a number of current needs with one integrated solution by:
 - **Building a networked system** of substations by installing approximately 10 miles of new underground transmission cable
 - **Constructing a new substation** to meet increasing demand in neighborhoods experiencing rapid growth
 - **Upgrading and replacing aging infrastructure** and equipment to enhance reliability

The Capital Grid Project: 10-Mile Transmission Route



Construction Update



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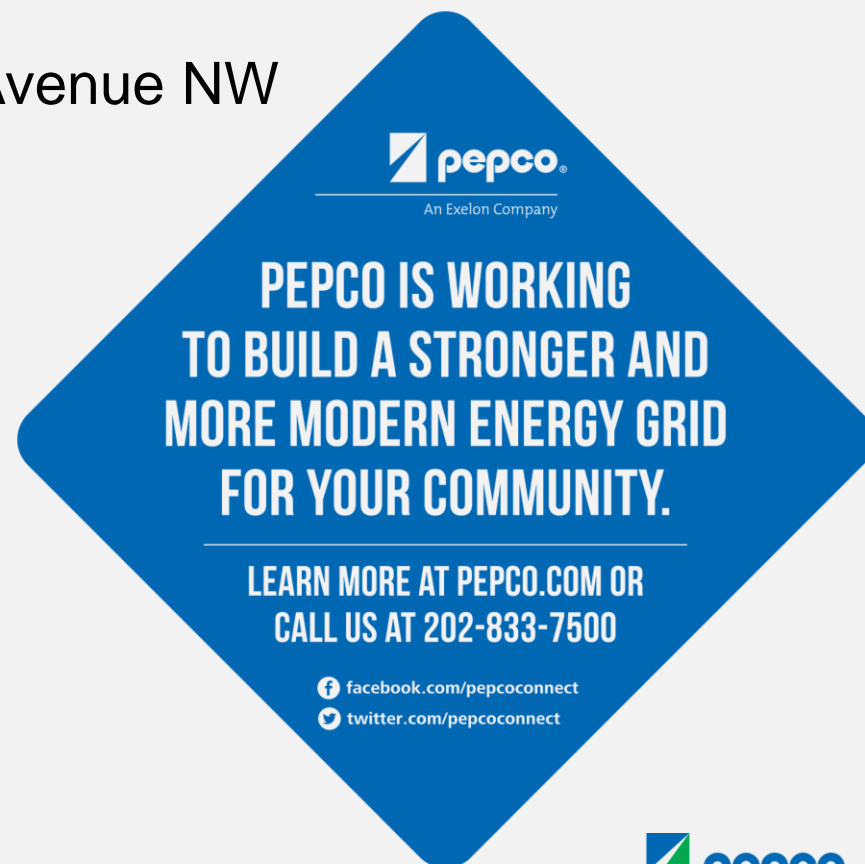
Construction Methods

- 300-500 linear feet of continuous trench open at a time at each location
- Secure steel plates with pins and welding daily
- Trench between 5 to 20 ft deep
- Minimizing steel plate noise as much as possible
- Residents will need to ensure cars are not parked in work zones during working hours
- Permitted working hours will be from 9:30 a.m. to 3:30 p.m.

Safe Accommodations and Restoration

Practice Multimodal Safe Accommodations

- Traffic controls in place guiding motorists and pedestrians around the work zone
- Following approved TCP
- Posting signage along New Hampshire Avenue NW
 - ✓ Work Zone Limits
 - ✓ Emergency No Parking
- Inform residents of traffic impacts
- Pepco is coordinating with DDOT



Construction Methods

STEP 1: TRAFFIC CONTROL



STEP 2: CUTTING & EXCAVATION



STEP 3: SHORING



STEP 4: CONDUIT/MANHOLE INSTALLATION



STEP 5: CONCRETE ENCASEMENT



STEP 6: PLATE INSTALLATION, BACKFILLING, & PAVING



Manhole & Conduit Schedule

MANHOLES	CONDUIT
4400 block of New Hampshire Ave MH5A Completed – 4/17/20 MH5B Completed – 5/1/20	3900 block of New Hampshire Ave Start Date – August 2020 Estimated Completion – December 2020 <i>(Georgia Avenue - manhole 4)</i>
3900 block of New Hampshire Ave MH4A Completed – 5/16/20 MH4B Completed – 5/30/20	3900 - 4300 block of New Hampshire Ave Start Date – September 2020 Estimated Completion – August 2021 <i>(manhole 4 - 5)</i>
4800 block of New Hampshire Ave MH6A Completed – 6/12/20 MH6B Completed – 6/26/20	4400 - 4800 block of New Hampshire Ave Start Date – April 2020 Estimated Completion – October 2020 <i>(manhole 5 - 6)</i>
5200 block of New Hampshire Ave MH7A Completed – 7/10/20 MH7B Installation Date – 7/23/20	4800 - 5200 block of New Hampshire Ave Start Date – April 2021 Estimated Completion – November 2021 <i>(manhole 6 - 7)</i>

Manhole and Conduit Construction Schedule



High Level Manhole Schedule of New Hampshire Ave NW



New Hampshire Ave NW (3900 Block)
Completed – May 2020
Manholes 4A & 4B

New Hampshire Ave NW (3900-4300 Block)
September 2020 – August 2021
Conduit Work

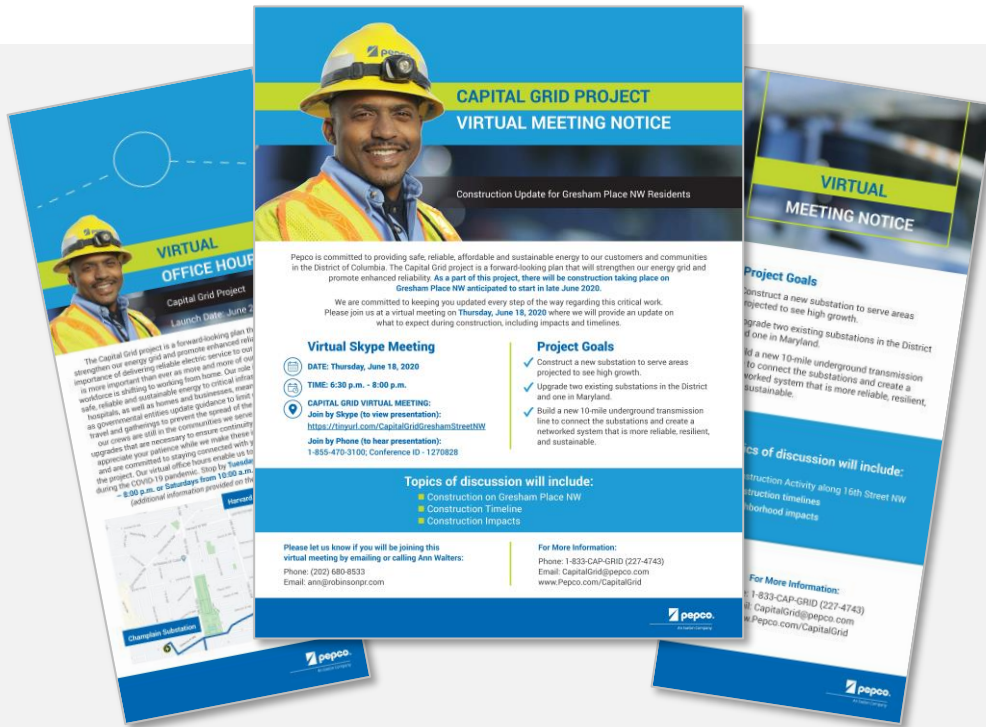
New Hampshire Ave NW (3900 Block)
August 2020 – December 2020
Conduit Work

Outreach and Engagement



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Outreach and Engagement



250

250 Community Meetings Since 2016

- ANCs
- Civic Associations
- Businesses
- Schools
- Open Houses
- Community Events

Enhanced Engagement

- Expanded outreach team (TB&A and dedicated CRCs)
- Nextdoor
- Interactive Map
- Office Hours



Stakeholder Coordination

- DDOT Public Space Inspectors
- DC Water and other utilities
- Developers

Road Restoration

Coordination Efforts

- Hold bi-weekly coordination meetings with DDOT
- Road restoration will be coordinated
- Restoration will be phased in coordination with DDOT
- Vehicles will need to be off the road
- Advance notice will be given to residents

Stakeholder Engagement Commitments

We are committed to:

- Creating awareness among our local and federal partners
- Maintaining a close working relationship with residents and businesses through all project phases
- Receiving input from affected neighbors through community meetings and presentations
- Providing project information and updates including construction locations and hours
- Sharing information via project website, listservs, etc.
 - **Virtual Office Hours:** Tuesdays and Saturdays
 - **Phone:** 1-833-CAP-GRID (227-4743)
 - **Online:** www.pepco.com/CapitalGrid
 - **Email:** CapitalGrid@Pepco.com
 - **Social Media:** Use #CapGrid on Twitter and Facebook
 - **Community meetings:** Let us know if you would like for our team to present at a community meeting in your neighborhood
 - **Dedicated Community Relations Coordinator (CRC):** Ann Walters

CAPITAL GRID PROJECT

Community Relations Coordinator: Ann Walters

Phone: (202) 680-8533

Email: ann@robinsonpr.com

For a project overview, please visit:
pepco.com/CapitalGrid



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Questions



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