



Dear District Resident,

The District Department of Transportation (DDOT) and PEPCO have begun construction of DC PLUG Feeder 15009 project in your neighborhood. This project was designed to increase the resiliency and reliability of the existing electrical system, achieved by installing an underground manhole and conduit system for PEPCO to upgrade and underground the existing high-voltage overhead wires.

As a part of the District of Columbia's Power Line Undergrounding (DC PLUG) project, there will be Transformer Enclosures (TE) or Transformer Manholes (TMH) installed in front of/adjacent to your property line. These structures are typically integrated into the walkway and allow for safe, below ground, housing and access to transformers.

Please see the attached information sheet for more information on the project as well as general information on transformer enclosures, tapholes, and manholes, and a sketch of this device's current design location.

Please Note: All work done will be in the public space, **NOT** on your property.

Our goal is to keep you abreast of design modifications and milestones while providing open communication with the DC PLUG team.

Thank you,  
The DC PLUG Team

**Need more information?**

For additional information about the DC PLUG initiative, please call **1-844-758-4146**, email **questions@DCPLUGinfo.com**, or visit our website at **DCPLUGinfo.com** or call our hotline at **844-758-4146** with any questions or concerns.

The District of Columbia Power Line Undergrounding (DC PLUG) initiative is a multi-year program focused on the underground placement of the most vulnerable distribution power lines. In the face of increasingly severe storms, the DC PLUG initiative is expected to improve resiliency and reliability.

### What are transformer enclosures?

Transformer enclosures are the facilities that house transformers. Transformers step down the voltage from primary distribution lines to secondary lines that provide power to customers.

### What are switch manholes?

Switch manholes are the facilities that house switches. Switches are used for sectionalizing and restoration of the main feeder segments that provide backup from another feeder.

### What are tapholes?

Tapholes are the facilities that provide a three-phase open point within a looped underground system. Tapholes minimize the need for customer interruptions for routine switching and emergency restoration.

- Transformer enclosures, switch manholes, and tapholes are placed off of the roadway for operational reasons.
- DC PLUG design places new underground transformer enclosures at the same location as the existing overhead transformer in order to tie into the same secondary wire being used by the overhead transformer.
- Transformer enclosures are kept close to the pole to avoid voltage issues and to keep secondary cable and conduit cost at a minimum transformer.
- Based on existing utility conflicts or other issues (Urban Forestry Division trees), a new manhole would only be moved far enough to clear the issue.
- This design was approved by DDOT & Public Space Committee during the design reviews.



Transformer Enclosure



Switch Manhole



Taphole

### Need more information?

For additional information about the DC PLUG initiative, please call **1-844-758-4146**, email [questions@DCPLUGinfo.com](mailto:questions@DCPLUGinfo.com), or visit our website at [DCPLUGinfo.com](http://DCPLUGinfo.com).