

# FACTSHEET



## DISTRICT OF COLUMBIA

### DESCRIPTION OF FRIENDSHIP HEIGHTS AREA UPGRADES

Pepco has designed a three-phase project to upgrade existing infrastructure in the Friendship Heights area. The project involves more than tripling the capacity of three 4 kilovolt (kV) primary distribution lines, also known as feeders, by replacing them with 13 kV lines. We also will reduce load on the Harrison Substation in Friendship Heights by transferring three 4 kV feeders to the Oliver Substation in Van Ness. This work is similar to other 4 kV conversion projects completed throughout the District of Columbia. The enclosed map outlines the areas that will be affected by this work.

### PROJECT WORK PLAN DESCRIPTION

#### Phase 1 – Load Growth

We will construct a new 13 kV feeder to allow the transfer of the three 4 kV Harrison Substation feeders to the Oliver Substation. The pink line on the enclosed map shows the location of this new feeder. We will use an existing underground conduit to install about 7,000 feet of new cable. By using an existing conduit, we will minimize the area we have to excavate. We also will install one new pole on 41st Street, NW, just north of Fessenden Street. This pole will be the transition point between the underground cable installed in Phase 1 and the overhead 13 kV feeders described in Phase 2. Finally, we will construct a new manhole to house equipment near the intersection of Wisconsin Ave. and Fessenden Street, N.W. Work began in February and will take six to eight weeks to complete.

#### Phase 2 – Load Growth

In the second phase, we will convert three 4 kV feeders to 13 kV lines and remove the 4kV infrastructure. The green line on the map outlines this work. To convert the feeders, we will set a new 13kV pole line next to the existing 4 kV pole line. Once the new poles are in place and the pole hardware is mounted, we will install the overhead 13 kV lines and connect them to the 13 kV underground feeder that was extended from the Van Ness Substation. After we energize the new lines, we will remove the existing 4 kV infrastructure. We will need to trim

trees in order to install the new lines. Our arborist has met with the District Department of Transportation's Urban Forestry Administration to identify trees that might need to be pruned or removed, and we will share a list of those trees with the Advisory Neighborhood Commission. We expect to start work in April on this phase, which is expected to take about six to nine months to complete.

#### Phase 3 – Reducing Load on Harrison Substation

In the final phase we will transfer three 4 kV feeder lines from the Harrison Substation to the Oliver Substation. The light blue line on the map indicates the location of this work. We will construct new conduits and manholes to house the new cables between the Substations. We expect to start work on this phase in June, and it will take six to nine months.

### OUR COMMITMENT TO YOU

Pepco is committed to providing safe and reliable electric service to more than 250,000 customers in the District of Columbia. We will keep customers and other stakeholders updated throughout this project. We will dedicate a page on our website, [pepco.com](http://pepco.com), to provide project details, including work locations, hours and impacts on parking and traffic. We will perform the work as efficiently as possible. We will need to finish work on specific cable sections before moving to a new section, so residents should not expect to see our crews in one location for an entire phase.

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