



DC Power Line Undergrounding



DC PLUG Contractor Forum

Presented by: DC Department of Transportation (DDOT) and Pepco
March 25, 2014

Timeline & Current Status

- Council of the District of Columbia passed the UG legislation on February 4, 2014
- Mayor signed the legislation on March 10, 2014
- Legislation is currently under Congressional review
- Act is expected to become law in early 2nd quarter of 2014
- Pepco will propose feeders to be placed underground
- Plan must be approved by DC Public Service Commission
- Coordination with DDOT, DC City Administrator and other utilities

Power Line Undergrounding Project Overview

- 5-7 year, \$1Billion project
- Up to 60 feeders to be placed underground, including:
 - 338 primary feeder miles
 - 10 feeders per year
- Work includes design and construction
- Feeders located throughout 5 wards of the District, where overhead distribution lines exist

Power Line Undergrounding Project Details

- DDOT will design via professional design consultant services
- Pepco Standards (conduits, manholes tapholes, etc.)
- DDOT Standards (backfill, surface, etc.)
- Pepco will design and install all electrical equipment

District-Focused Initiative

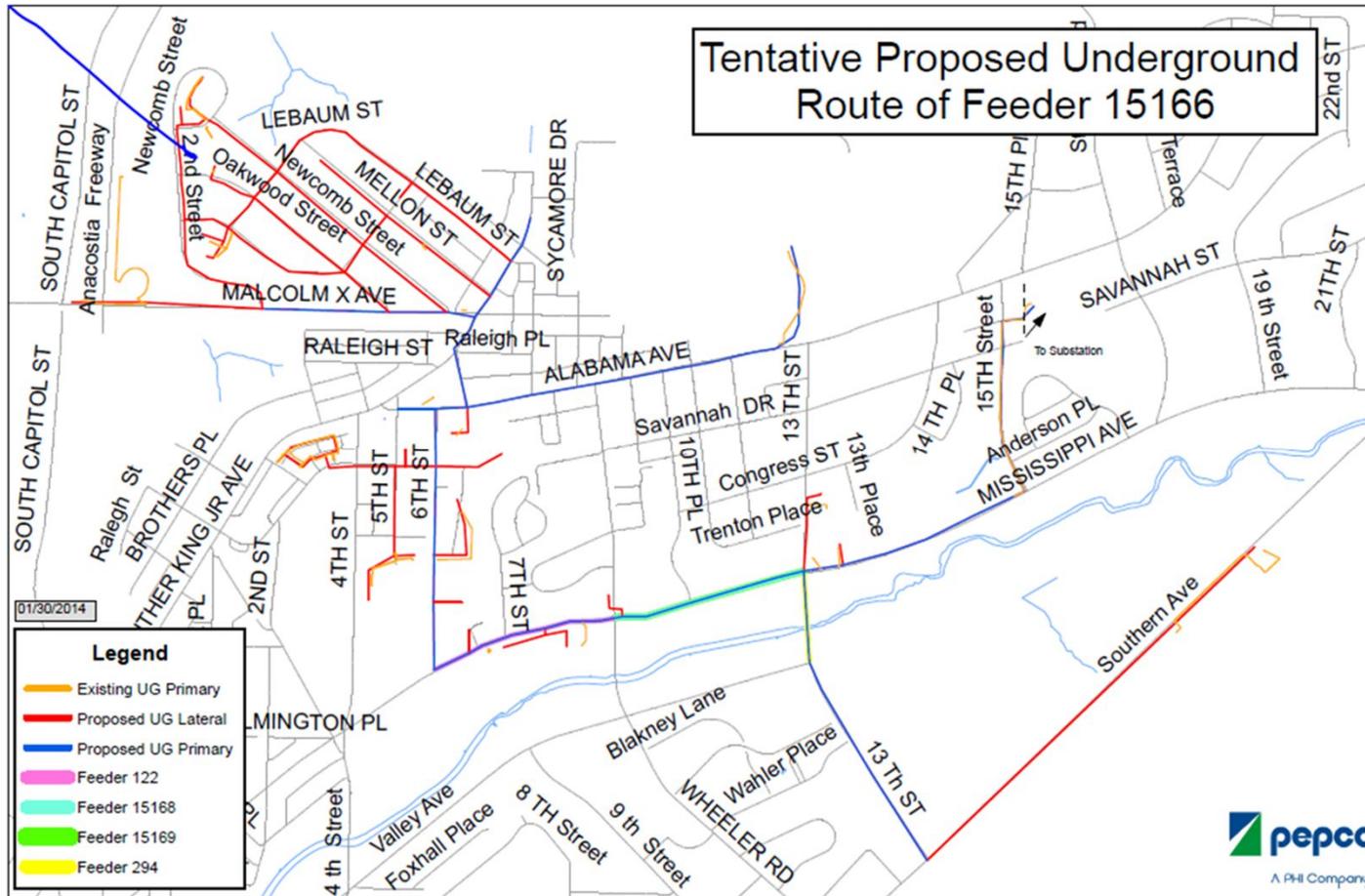
- Legislation states:

“...the electrical company should make every practical effort to ensure that District residents are hired for newly created jobs [related to the UG project] ...with a goal being that at least 100% of all related jobs are filled by District residents and 100% of the construction contracts are awarded to District businesses, where qualified to perform such work.”

- Forum to recruit new DC-based firms to develop larger base of firms to bid on the work
- Small projects to provide training opportunities to develop firms' ability to bid in future underground projects

Project Scope

- Approximately 60 feeders totaling over 300 miles
- 10 feeders per year



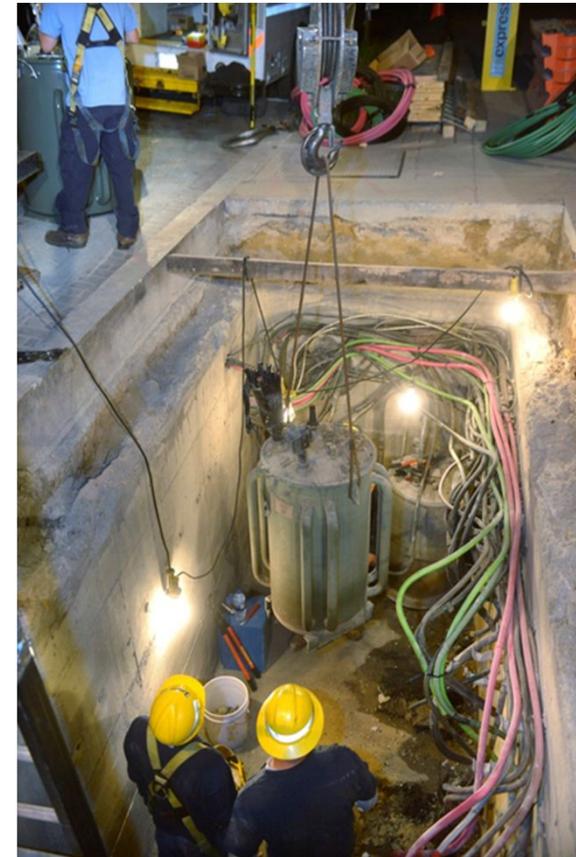
Construction

- Installation of underground electrical infrastructure, including high and low voltage underground cable



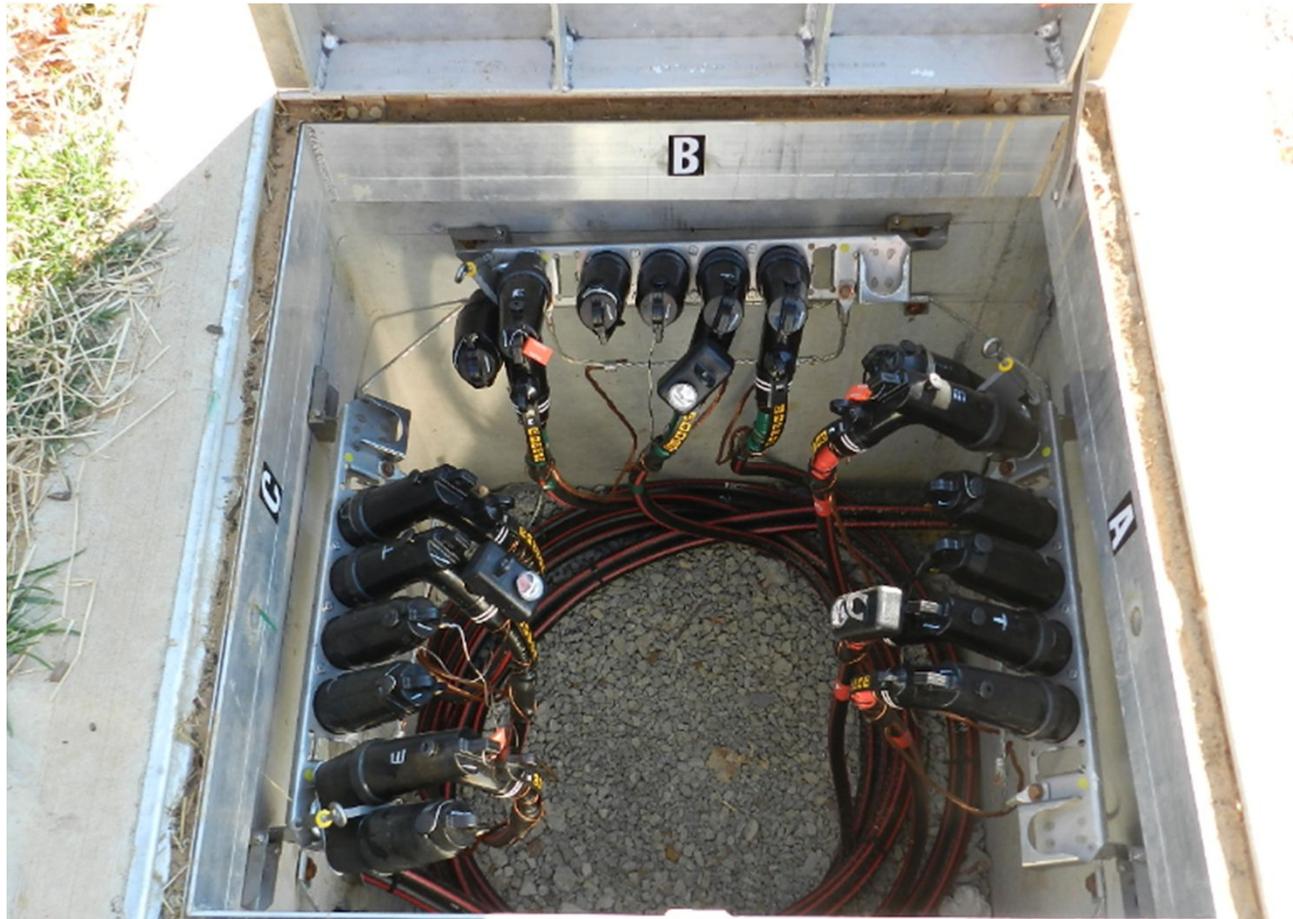
Construction

- Single and three-phase transformers



Construction

- Three-phase switches and tapholes



Construction

- High and low voltage overhead line work

