

DC PLUG Year 3 – Ward 8, Feeder 15166

Neighborhood: Congress Heights; Shipley Terrace; Joint Base Anacostia-Bolling; St. Elizabeth's; Douglas; Washington Highlands

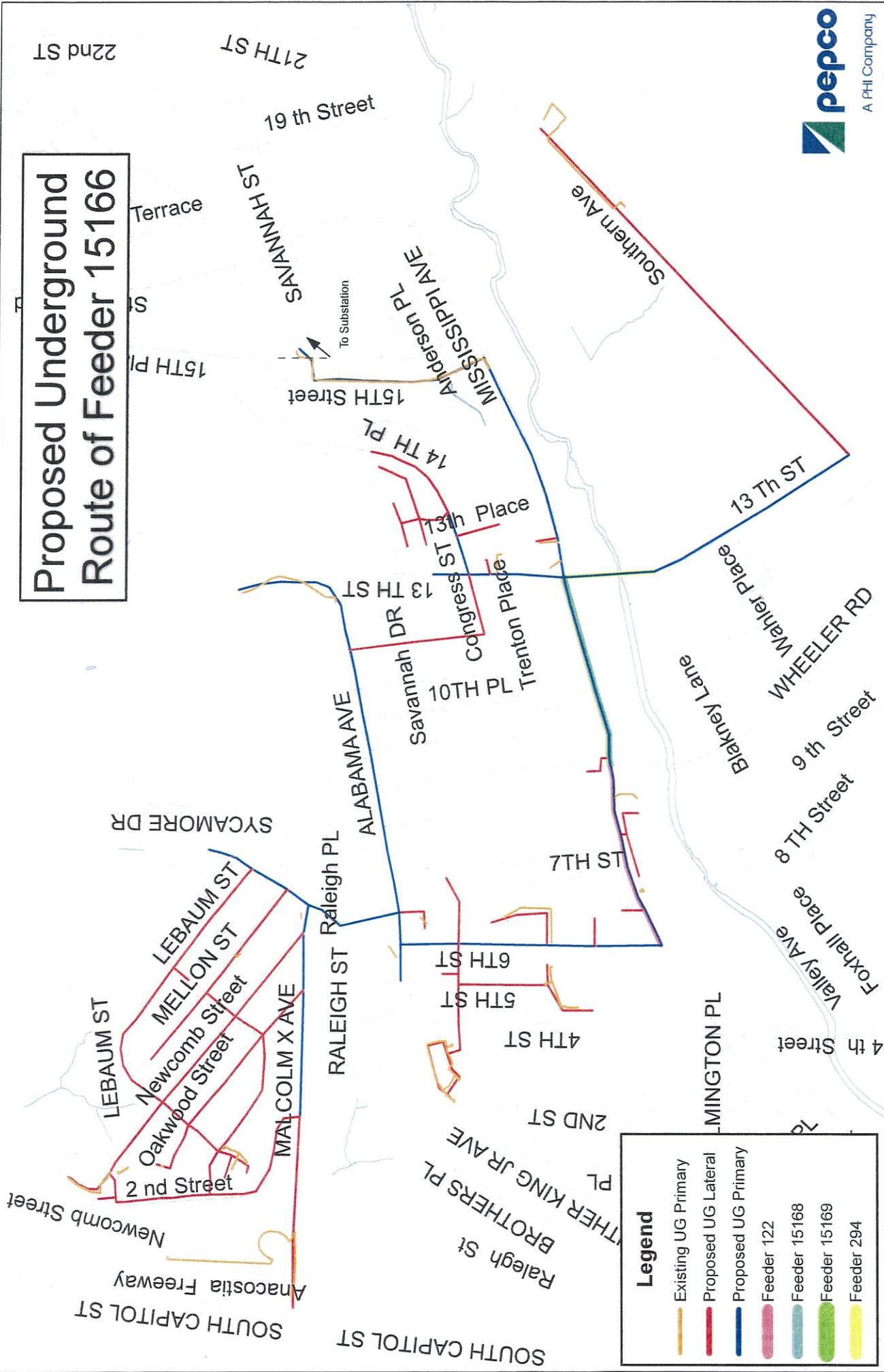
Description:

Feeder 15166 serves customers in the general vicinity northeast of Malcolm X Ave., and MLK Jr. Ave, the Southern Ave. metro station and St. Elizabeth's Hospital. It also serves residents and businesses on Mississippi Ave., Congress Heights and 4th St. SE. Approximately 91% of customers are residential and 9% are commercial. The feeder extends 9.8 miles and serves 2,140 customers. 82% of this feeder is currently overhead, 18% is underground.

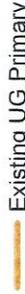
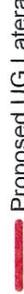
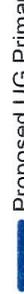
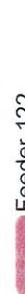
Proposed Scope of Work:

- Remove existing OH primary wire and transformers
- Install approximately 160 manholes
- Install approximately 37 UG tap holes
- Install approximately 5.3 miles of duct bank in an underground trench
- Install ancillary civil equipment including associated paving milling
- Install approximately 100 transformers
- Install approximately 13 switches
- Install approximately 5 miles of mainline cable
- Install approximately 8.1 miles of lateral cable
- Install ancillary electrical equipment including cable supports, joints and insulators

Proposed Underground Route of Feeder 15166



Legend

-  Existing UG Primary
-  Proposed UG Lateral
-  Proposed UG Primary
-  Feeder 122
-  Feeder 15168
-  Feeder 15169
-  Feeder 294