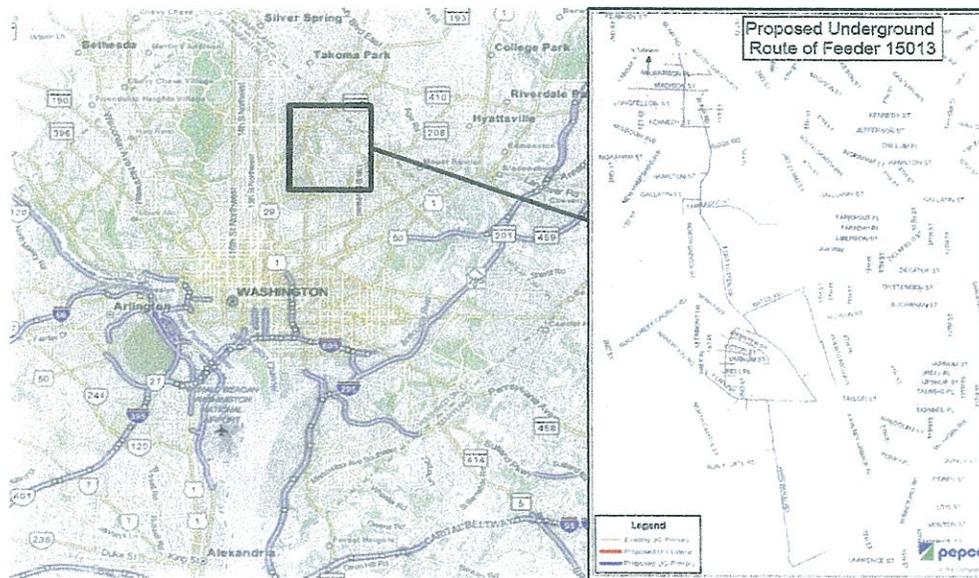


# Feeder 15013

Ward	Voltage	Customers on Feeder	Feeder Miles			Neighborhood(s)	Description
			Total	OH	UG		
5	13kV	992	7.552	77%	23%	Brookland Manor Park Catholic University Pleasant Hill Fort Totten Trinity College	Feeder 15013 serves the general vicinity of Fort Totten in NE DC between Madison St NW and Monroe St NW. Approximately 91% of customers are residential and 9% are commercial.



Average Annual Reliability Performance Indices (January 2010 - December 2012) - MSO Inclusive						
Cause	CI	% of Total CI	CMI	% of Total CMI	SAIFI	SAIDI (Minutes)
Animal	261	13.969%	48,107	4.131%	0.260	48
Other <sup>1</sup>	197	10.539%	32,433	2.785%	0.196	32
Equipment Failure	51	2.733%	19,749	1.696%	0.051	20
Tree	431	23.080%	113,842	9.776%	0.429	114
Weather	927	49.678%	950,338	81.611%	0.924	947
<b>Total</b>	<b>1,866</b>	<b>100%</b>	<b>1,164,469</b>	<b>100%</b>	<b>1.9</b>	<b>1,161</b>

<sup>1</sup> Causes include vandalism, motor vehicle, load, foreign contact, employee and other causes

# Feeder 15013

## Future Load Projections

	Normal Capacity	Emergency Capacity	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Load (MVA)	8.5	10.0	8.2	8.3	8.3	8.3	8.4	8.0	8.1	8.2	8.3	8.3

## Proposed Scope of Work

- Remove existing OH primary wire and transformers
- Install approximately 144 manholes
- Install approximately 31 UG tap holes
- Install approximately 6.7 miles of duct bank in an underground trench
- Install ancillary civil equipment including associated paving milling
- Install approximately 108 transformers
- Install approximately 16 switches
- Install approximately 3.3 miles of mainline cable
- Install approximately 7.4 miles of lateral cable
- Install ancillary electrical equipment including cable supports, joints and insulators

Pepco estimated cost for this feeder:	\$	12,075,194
DDOT estimated cost for this feeder:	\$	11,155,753
<b>Total estimated cost for this feeder:</b>	<b>\$</b>	<b>23,230,947</b>