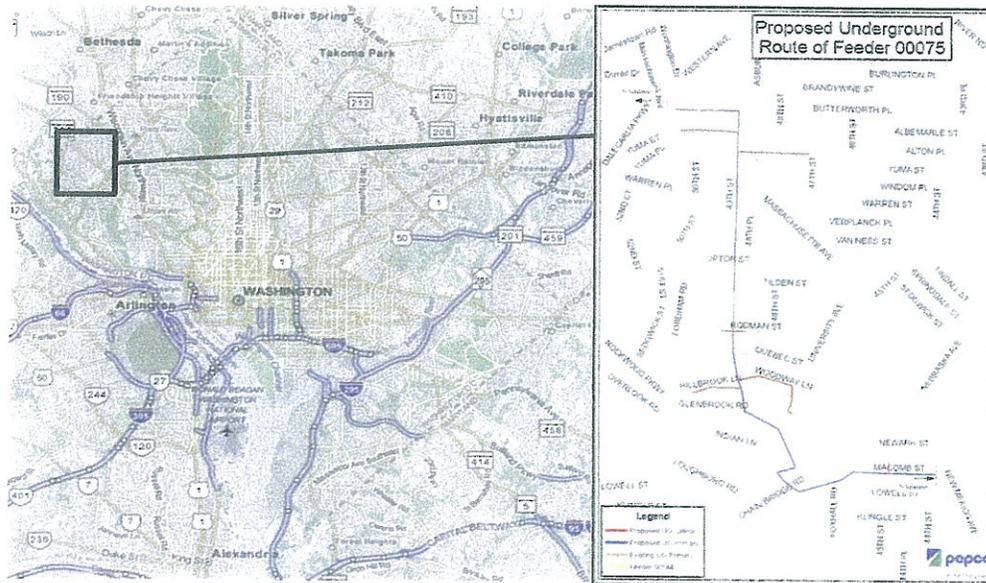


# Feeder 00075

Ward	Voltage	Customers on Feeder	Feeder Miles			Neighborhood(s)	Description
			Total	OH	UG		
3	4kV	287	3.176	57%	43%	American University Park Spring Valley Kent Wesley Heights	Feeder 00075 serves the general vicinity of 49th and Nebraska Avenue between Butterworth Pl and New Mexico Avenue. Approximately 96% of customers are residential and 4% 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	7	0.676%	1,342	0.140%	0.023	4	
Other <sup>1</sup>	255	23.510%	73,923	7.697%	0.797	231	
Equipment Failure	387	35.710%	53,476	5.568%	1.210	167	
Tree	315	29.010%	811,195	84.466%	0.983	2535	
Weather	120	11.094%	20,448	2.129%	0.376	64	
<b>Total</b>	<b>1,085</b>	<b>100%</b>	<b>960,384</b>	<b>100%</b>	<b>3.4</b>	<b>3,001</b>	

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

# Feeder 00075

## Future Load Projections

	Normal Capacity	Emergency Capacity	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Load (MVA)	2.0	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1

## Proposed Scope of Work

- Remove existing OH primary wire and transformers
- Install approximately 54 manholes
- Install approximately 10 UG tap holes
- Install approximately 2.9 miles of duct bank in an underground trench
- Install ancillary civil equipment including associated paving milling
- Install approximately 34 transformers
- Install approximately 5 switches
- Install approximately 2.2 miles of mainline cable
- Install approximately 6.2 miles of lateral cable
- Install ancillary electrical equipment including cable supports, joints and insulators

Pepco estimated cost for this feeder:	\$	5,453,267
DDOT estimated cost for this feeder:	\$	5,414,905
<b>Total estimated cost for this feeder:</b>	<b>\$</b>	<b>10,868,172</b>