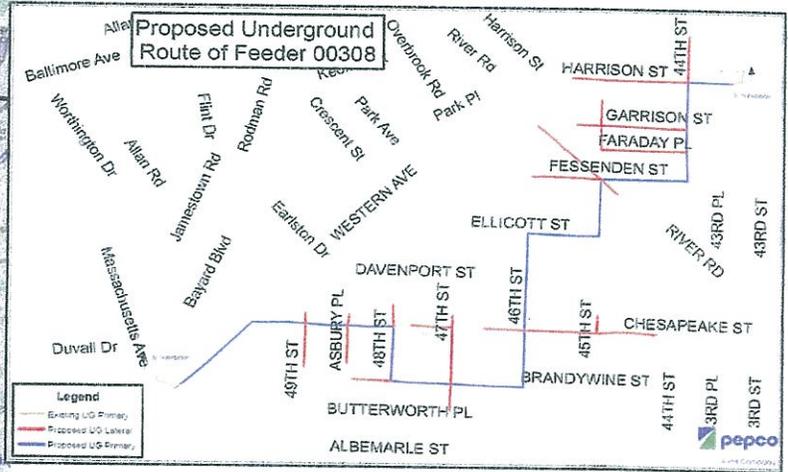
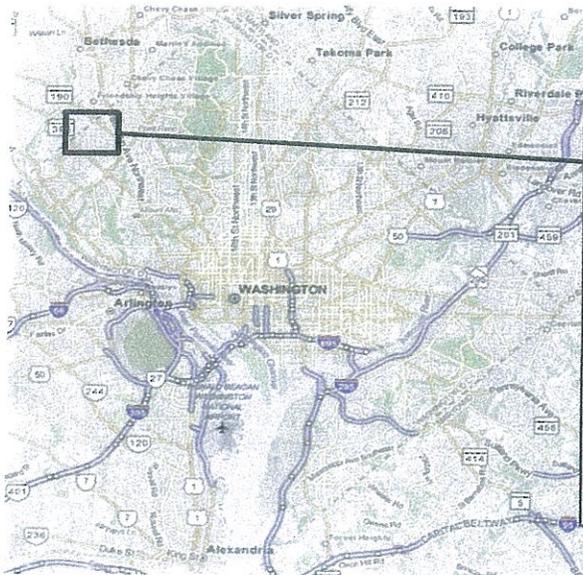


# Feeder 00308

Ward	Voltage	Customers on Feeder	Feeder Miles			Neighborhood(s)	Description
			Total	OH	UG		
3	4kV	590	3.856	96%	4%	American University Park Friendship Heights	Feeder 00308 serves customers in vicinity of Brandywine St. between Western Ave. and 44th St. and 44th St. between Brandywine St. and Harrison St. N.W. Approximately 98% of customers are residential and 2% are commercial.



Cause	CI	% of Total CI	CMI	% of Total CMI	SAIFI	SAIDI (Minutes)
Animal	0	0.000%	0	0.000%	0.000	0
Other <sup>1</sup>	661	18.505%	651,278	22.569%	1.117	1100
Equipment Failure	645	18.048%	807,303	27.976%	1.089	1364
Tree	1,900	53.182%	1,349,372	46.760%	3.209	2279
Weather	367	10.265%	77,760	2.695%	0.619	131
<b>Total</b>	<b>3,572</b>	<b>100%</b>	<b>2,885,713</b>	<b>100%</b>	<b>6.0</b>	<b>4,875</b>

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

# Feeder 00308

## Future Load Projections

	Normal Capacity	Emergency Capacity	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Load (MVA)	2.4	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

## Proposed Scope of Work

- Remove existing OH primary wire and transformers
- Install approximately 60 manholes
- Install approximately 8 UG tap holes
- Install approximately 3.4 miles of duct bank in an underground trench
- Install ancillary civil equipment including associated paving milling
- Install approximately 75 transformers
- Install approximately 5 switches
- Install approximately 2 miles of mainline cable
- Install approximately 4.6 miles of lateral cable
- Install ancillary electrical equipment including cable supports, joints and insulators

Pepco estimated cost for this feeder:	\$	6,127,307
DDOT estimated cost for this feeder:	\$	5,560,642
<b>Total estimated cost for this feeder:</b>	<b>\$</b>	<b>11,687,949</b>