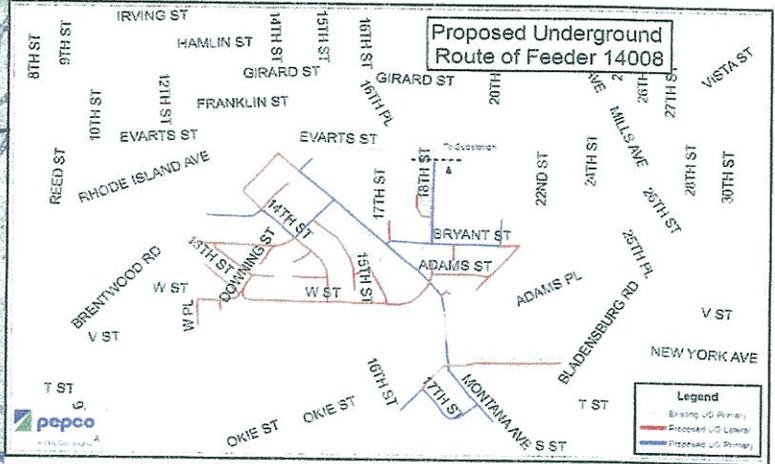
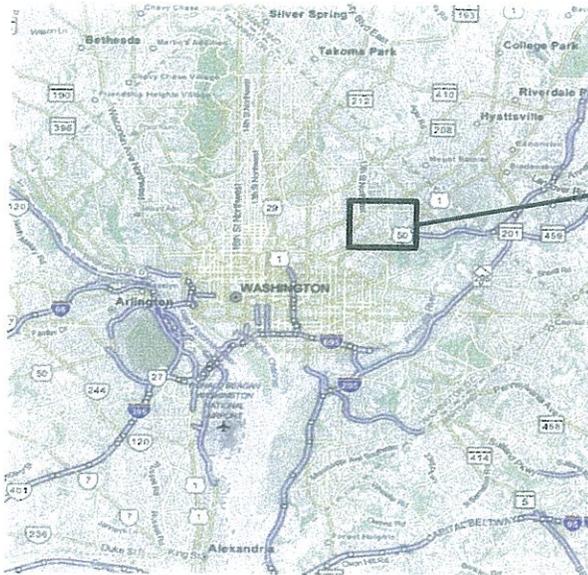


Feeder 14008

Ward	Voltage	Customers on Feeder	Feeder Miles			Neighborhood(s)	Description
			Total	OH	UG		
5	13kV	1,038	7.324	59%	41%	Brentwood, Langdon Ivy City Arboretum	Feeder 14008 services residential homes in the area bounded by Eye St., and M St., N.E. and by Bladensburg Rd. and 26th St., N.E. Also, the area bounded by Trinidad Ave. and New York Ave., N.E. and by Mt. Olivet Rd. and 19th St., N.E. Also, the area bounded by Douglas St. and Franklin St., N.E. and 18th St. and 24th St., N.E. Approximately 87% of customers are residential and 13% are commercial.



Cause	CI	% of Total CI	CMI	% of Total CMI	SAIFI	SAIDI (Minutes)
Animal	733	15.889%	89,671	6.037%	0.695	85
Other ¹	1,457	31.569%	208,137	14.012%	1.381	197
Equipment Failure	857	18.561%	69,583	4.684%	0.812	66
Tree	367	7.945%	769,888	51.829%	0.348	730
Weather	1,202	26.036%	348,170	23.439%	1.139	330
Total	4,615	100%	1,485,449	100%	4.4	1,408

¹ Causes include vandalism, motor vehicle, load, foreign contact, employee and other causes

Feeder 14008

Future Load Projections

	Normal Capacity	Emergency Capacity	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Load (MVA)	7.5	8.5	6.8	6.8	7.1	7.2	7.3	7.3	7.4	7.4	6.9	7.0

Proposed Scope of Work

- Remove existing OH primary wire and transformers
- Install approximately 125 manholes
- Install approximately 52 UG tap holes
- Install approximately 4.7 miles of duct bank in an underground trench
- Install ancillary civil equipment including associated paving milling
- Install approximately 162 transformers
- Install approximately 12 switches
- Install approximately 2.6 miles of mainline cable
- Install approximately 6 miles of lateral cable
- Install ancillary electrical equipment including cable supports, joints and insulators

Pepco estimated cost for this feeder:	\$	10,552,857
DDOT estimated cost for this feeder:	\$	8,933,564
Total estimated cost for this feeder:	\$	19,486,420