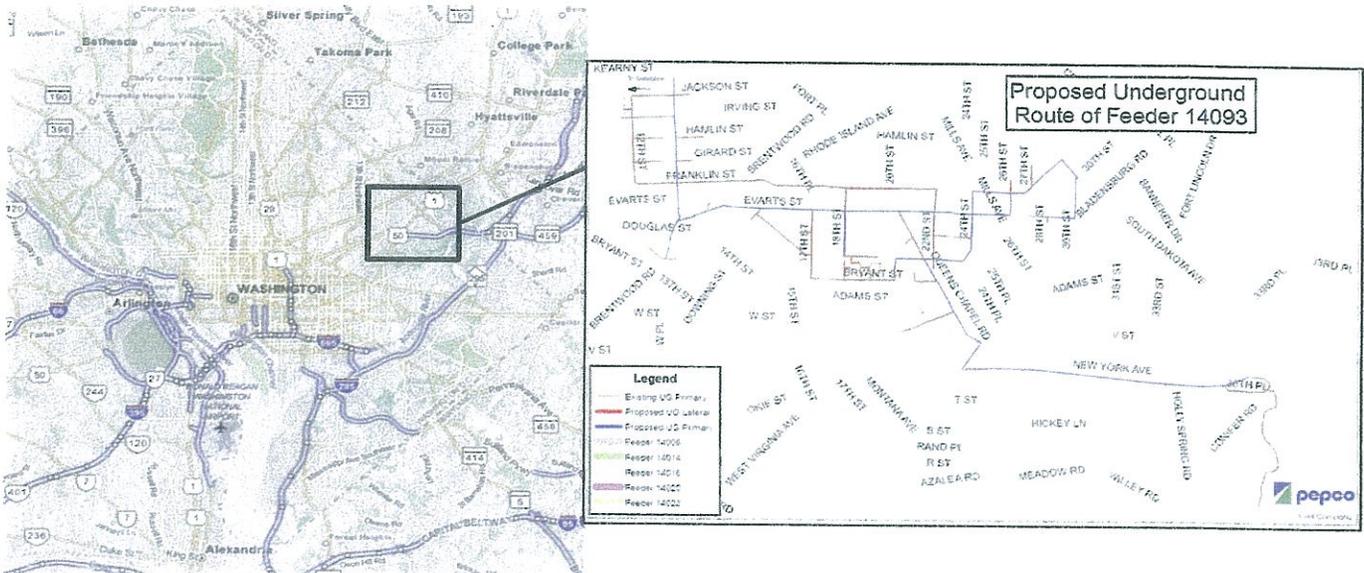


Feeder 14093

Ward	Voltage	Customers on Feeder	Feeder Miles			Neighborhood(s)	Description
			Total	OH	UG		
5	13kV	946	9.238	78%	22%	Brookland Arboretum, Anacostia River Brentwood, Langdon Gateway Arboretum	Feeder 14093 services residential homes Northwest of New York Avenue and South Dakota Avenue as well as Catholic University. Approximately 86% of customers are residential and 14% are commercial.



Cause	CI	% of Total CI	CMI	% of Total CMI	SAIFI	SAIDI (Minutes)
Animal	21	0.586%	3,120	0.168%	0.015	2
Other ¹	362	10.280%	19,801	1.068%	0.269	15
Equipment Failure	364	10.337%	259,311	13.983%	0.271	193
Tree	2,193	62.228%	1,345,101	72.533%	1.631	1000
Weather	584	16.569%	227,137	12.248%	0.434	169
Total	3,525	100%	1,854,471	100%	2.6	1,379

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

Feeder 14093

Future Load Projections

	Normal Capacity	Emergency Capacity	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Load (MVA)	8.0	9.0	5.1	5.1	5.3	5.3	5.4	5.5	5.6	5.7	6.6	6.6

Proposed Scope of Work

- Remove existing OH primary wire and transformers
- Install approximately 170 manholes
- Install approximately 58 UG tap holes
- Install approximately 9.8 miles of duct bank in an underground trench
- Install ancillary civil equipment including associated paving milling
- Install approximately 165 transformers
- Install approximately 20 switches
- Install approximately 5 miles of mainline cable
- Install approximately 19.2 miles of lateral cable
- Install ancillary electrical equipment including cable supports, joints and insulators

Pepco estimated cost for this feeder:	\$	17,457,576
DDOT estimated cost for this feeder:	\$	16,773,824
Total estimated cost for this feeder:	\$	34,231,400