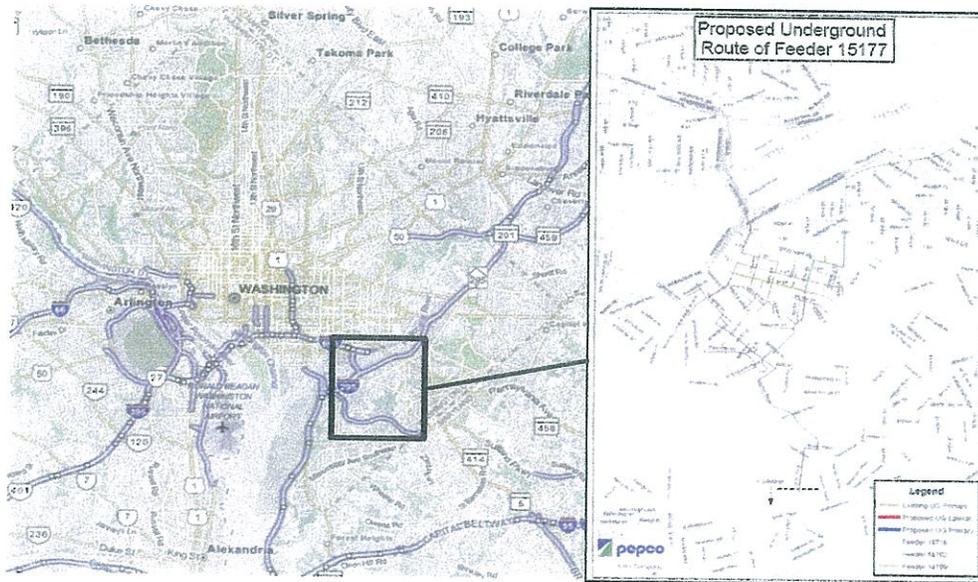


Feeder 15177

Ward	Voltage	Customers on Feeder	Feeder Miles			Neighborhood(s)	Description
			Total	OH	UG		
8	13kV	2,223	6.891	100%	0%	Historic Anacostia Buena Vista Greenway Fairlawn Douglas	Feeder 15177 was energized in August 2013 and serves the load previously supplied by Anacostia Feeder 14703. Feeder 15177 serves the general vicinity of Stanton Road, Howard Road, Hunter Place, and Fairlawn Ave. Approximately 92% of customers are residential and 8% are commercial.



Cause	CI	% of Total CI	CMI	% of Total CMI	SAIFI	SAIDI (Minutes)
Animal	65	1.419%	13,134	0.350%	0.029	6
Other ¹	850	18.641%	295,754	7.891%	0.382	133
Equipment Failure	958	21.011%	102,781	2.742%	0.431	46
Tree	2,137	46.892%	1,397,556	37.289%	0.961	629
Weather	549	12.037%	1,938,634	51.726%	0.247	872
Total	4,558	100%	3,747,858	100%	2.1	1,686

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

Feeder 15177

Future Load Projections

	Normal Capacity	Emergency Capacity	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Load (MVA)	8.5	10.5	6.7	8.1	8.3	8.3	8.4	8.5	8.5	8.5	5.1	5.1

Proposed Scope of Work

- Remove existing OH primary wire and transformers
- Install approximately 238 manholes
- Install approximately 82 UG tap holes
- Install approximately 10.4 miles of duct bank in an underground trench
- Install ancillary civil equipment including associated paving milling
- Install approximately 260 transformers
- Install approximately 13 switches
- Install approximately 5 miles of mainline cable
- Install approximately 15.6 miles of lateral cable
- Install ancillary electrical equipment including cable supports, joints and insulators

Pepco estimated cost for this feeder:	\$	22,073,526
DDOT estimated cost for this feeder:	\$	18,706,524
Total estimated cost for this feeder:	\$	40,780,050