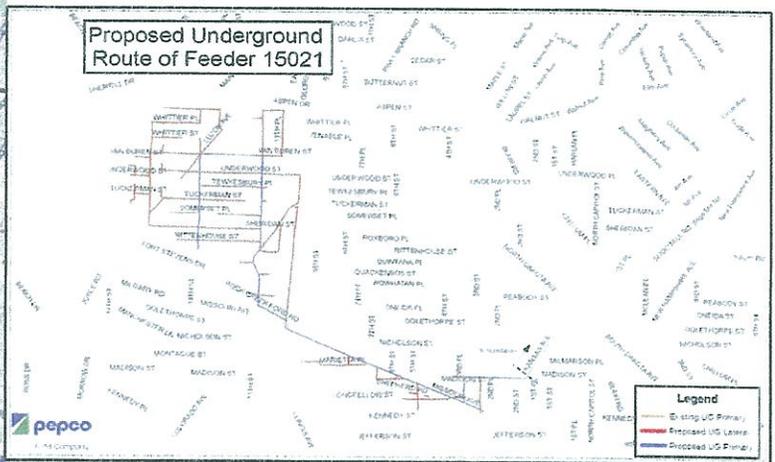
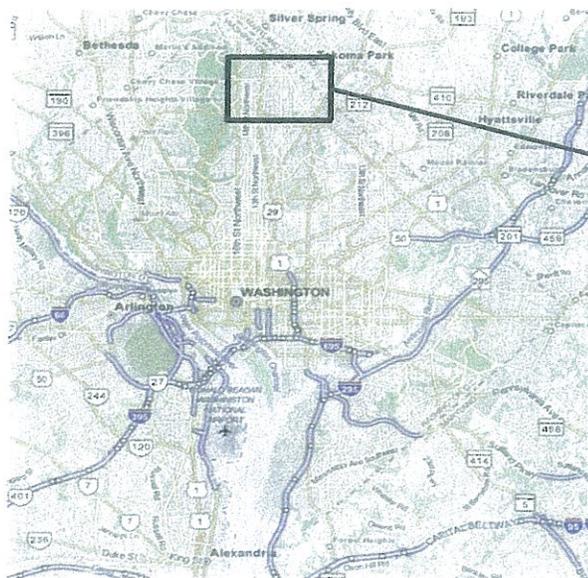


Feeder 15021

Ward	Voltage	Customers on Feeder	Feeder Miles			Neighborhood(s)	Description
			Total	OH	UG		
4	13kV	2,047	7.372	92%	8%	Manor Park Walter Reed Brightwood Petworth	Feeder 15021 serves customers in general vicinities of 13th and 14th Streets between Rittenhouse and Aspen Streets, Madison and Longfellow Streets, between 7th Street and Georgia Avenue, and 3rd Place at Madison St. NW. Approximately 95% of customers are residential and 5% 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	578	18.176%	92,110	4.997%	0.282	45
Other ¹	274	8.627%	151,711	8.231%	0.134	74
Equipment Failure	127	3.983%	35,839	1.944%	0.062	18
Tree	1,541	48.459%	1,216,299	65.986%	0.753	594
Weather	660	20.755%	347,300	18.842%	0.322	170
Total	3,180	100%	1,843,259	100%	1.6	900

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

Feeder 15021

Future Load Projections

	Normal Capacity	Emergency Capacity	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Load (MVA)	8.5	9.5	6.3	6.6	6.6	6.6	6.7	6.7	6.8	6.9	7.0	7.1

Proposed Scope of Work

- Remove existing OH primary wire and transformers
- Install approximately 176 manholes
- Install approximately 31 UG tap holes
- Install approximately 9.2 miles of duct bank in an underground trench
- Install ancillary civil equipment including associated paving milling
- Install approximately 171 transformers
- Install approximately 7 switches
- Install approximately 2.3 miles of mainline cable
- Install approximately 15.5 miles of lateral cable
- Install ancillary electrical equipment including cable supports, joints and insulators

Pepco estimated cost for this feeder:	\$	13,930,412
DDOT estimated cost for this feeder:	\$	14,918,726
Total estimated cost for this feeder:	\$	28,849,138