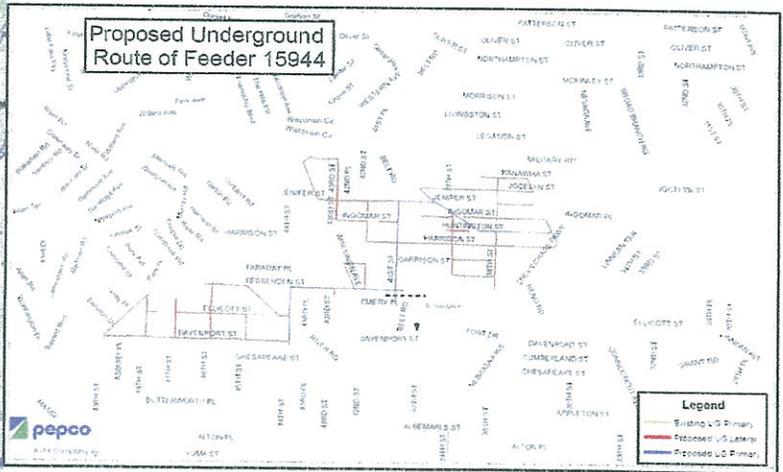
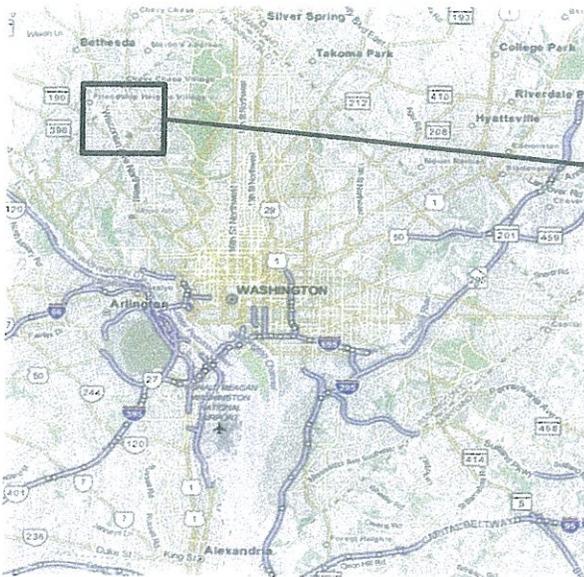


# Feeder 15944

Ward	Voltage	Customers on Feeder	Feeder Miles			Neighborhood(s)	Description
			Total	OH	UG		
3	13kV	715	4.662	100%	0%	Chevy Chase American University Park Friendship Heights Tenleytown	Feeder 15944 serves the general vicinity of 41st St., NW just east of Western Ave. and west of Connecticut Ave., south of Military Rd.; approximately 100% of customers are residential; by the end of 2014, load from feeders 00310, 00414, and 00416 will be converted and transferred to 15944. Approximately 97% of customers are residential and 3% are commercial.



Cause	CI	% of Total CI	CMI	% of Total CMI	SAIFI	SAIDI (Minutes)
Animal	6	0.388%	1,550	0.089%	0.008	2
Other <sup>1</sup>	112	7.692%	467,719	26.856%	0.157	654
Equipment Failure	57	3.926%	25,965	1.491%	0.080	36
Tree	645	44.191%	231,189	13.275%	0.903	323
Weather	640	43.803%	1,015,138	58.289%	0.895	1420
<b>Total</b>	<b>1,460</b>	<b>100%</b>	<b>1,741,561</b>	<b>100%</b>	<b>2.0</b>	<b>2,436</b>

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

# Feeder 15944

## Future Load Projections

	Normal Capacity	Emergency Capacity	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Load (MVA)	7.5	8.5	1.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

## Proposed Scope of Work

- Remove existing OH primary wire and transformers
- Install approximately 129 manholes
- Install approximately 14 UG tap holes
- Install approximately 7.2 miles of duct bank in an underground trench
- Install ancillary civil equipment including associated paving milling
- Install approximately 92 transformers
- Install approximately 5 switches
- Install approximately 1.4 miles of mainline cable
- Install approximately 5.5 miles of lateral cable
- Install ancillary electrical equipment including cable supports, joints and insulators

Pepco estimated cost for this feeder:	\$	8,795,556
DDOT estimated cost for this feeder:	\$	10,893,091
<b>Total estimated cost for this feeder:</b>	<b>\$</b>	<b>19,688,647</b>