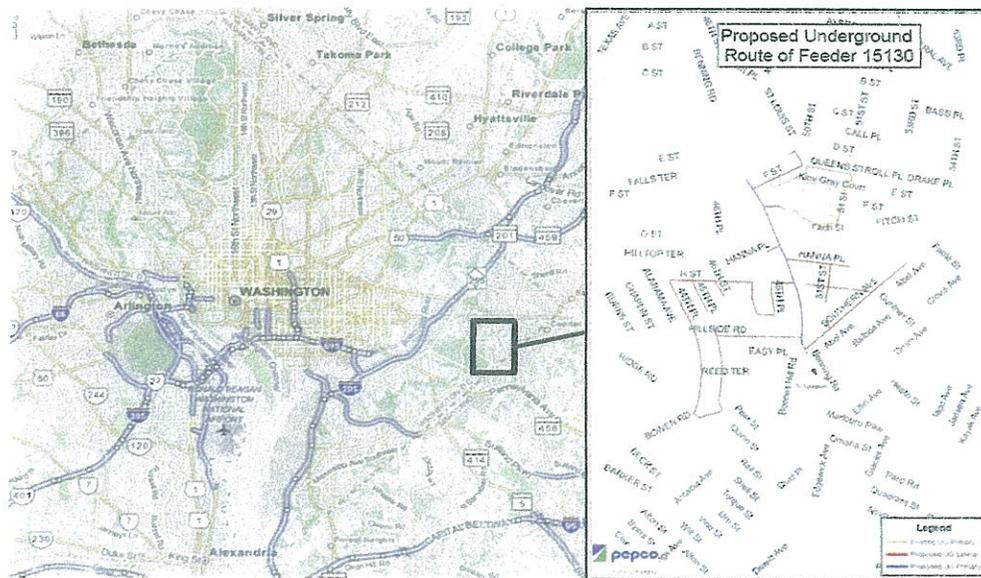


# Feeder 15130

Ward	Voltage	Customers on Feeder	Feeder Miles			Neighborhood(s)	Description
			Total	OH	UG		
7	13kV	1,937	10.951	67%	33%	Benning Ridge Fort Dupont Park Civic Betterment Marshall Heights	Feeder 15130 serves the general vicinity of Benning Rd SE and Southern Ave SE. Approximately 90% of customers are residential and 10% are commercial.



Cause	CI	% of Total CI	CMI	% of Total CMI	SAIFI	SAIDI (Minutes)
Animal	90	1.760%	13,045	0.889%	0.046	7
Other <sup>1</sup>	1,825	35.824%	116,965	7.969%	0.942	60
Equipment Failure	693	13.597%	25,819	1.759%	0.358	13
Tree	1,882	36.936%	745,716	50.809%	0.971	385
Weather	605	11.882%	566,148	38.574%	0.313	292
<b>Total</b>	<b>5,094</b>	<b>100%</b>	<b>1,467,694</b>	<b>100%</b>	<b>2.6</b>	<b>758</b>

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

# Feeder 15130

## Future Load Projections

	Normal Capacity	Emergency Capacity	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Load (MVA)	8.5	11.0	7.3	7.4	7.5	7.5	7.5	7.5	7.5	7.6	7.7	7.7

## Proposed Scope of Work

- Remove existing OH primary wire and transformers
- Install approximately 71 manholes
- Install approximately 27 UG tap holes
- Install approximately 3.3 miles of duct bank in an underground trench
- Install ancillary civil equipment including associated paving milling
- Install approximately 89 transformers
- Install approximately 4 switches
- Install approximately 0.5 miles of mainline cable
- Install approximately 4 miles of lateral cable
- Install ancillary electrical equipment including cable supports, joints and insulators

Pepco estimated cost for this feeder:	\$	5,517,578
DDOT estimated cost for this feeder:	\$	5,403,879
<b>Total estimated cost for this feeder:</b>	<b>\$</b>	<b>10,921,457</b>