



COUNCIL OF THE DISTRICT OF COLUMBIA
THE JOHN A. WILSON BUILDING
1350 PENNSYLVANIA AVENUE, NW
ROOM 107
WASHINGTON, DC 20004



HARRY THOMAS, JR.
COUNCILMEMBER
WARD 5

TEL: 202-724-8028
FAX: 202-724-8076
HTHOMAS@DCCOUNCIL.US

September 30, 2008

RE: Cost Estimates for Undergrounding Utility Lines

Dear Brookland Residents:

Attached are cost estimates from Pepco, Verizon, and Comcast relating to undergrounding each utility's lines along 12th Street, NE between Rhode Island and Michigan Avenues. The estimates include per residential and commercial customer costs that are to be paid directly to an electrical contractor to establish hookup to the underground lines. Further discussion on how these hookup costs would be paid for and a survey of the most affected residents and businesses needs to be undertaken.

I will be holding a community meeting at 7 pm on Thursday, October 16, 2008 to discuss the estimates with residents. The meeting will be held at Margot Hall, St. Anthony's Catholic Church, 1029 Monroe Street, NE.

Sincerely,

Harry "Tommy" Thomas, Jr.
Ward 5 Councilmember

PEPCO OVERHEAD TO UNDERGROUND CONCEPTUAL COST ESTIMATES FOR 12 STREET NE

All-

We do not have a generic cost per mile figure to either underground the existing Pepco overhead facilities or to install an overhead distribution system because the cost is directly proportional to actual field conditions and various design criteria. Factors such as number of overhead wires, number of pole lines and voltage class of the wires greatly affect the cost estimate. The following conceptual cost estimates have been prepared for the Brookland community area of 12th Street NE from Rhode Island Avenue to South Dakota Avenue. The Brookland community area is approximately 1.65 miles long and is home to roughly 368 customers, 111 commercial and 257 residential.

The Overhead to Underground conceptual cost estimates are as follows:

12th Street from RI Ave to S Dakota Ave (1.65 miles long with 111 commercial and 257 residential customers)

- Pepco's Construction Cost* = \$22.8 Million
- Pepco's Construction Cost = \$20 Million without Sidewalk or Roadway Restoration
- Residential Customer Cost** = \$2,449 per customer; Total for 257 cust = \$629,393
- Commercial Customer Cost** = \$17,128 per customer; Total for 111 cust = \$1,901,208

12th Street from RI Ave to Michigan Ave (1.00 miles long with 110 commercial and 167 residential customers)

- Pepco's Construction Cost* = \$15.8 Million
- Pepco's Construction Cost = \$14.2 Million without Sidewalk or Roadway Restoration
- Residential Customer Cost** = \$2,449 per customer; Total for 167 cust = \$408,983
- Commercial Customer Cost** = \$17,128 per customer; Total for 110 cust = \$1,884,080

Estimated Annual Maintenance & Capital Replacement Costs:

Overhead***	=	\$ 6,500 per mile
Underground***	=	\$ 4,421 per mile

Notes:

* Sidewalk and Roadway restoration costs are included.

** Represents the average non utility cost the commercial and residential customers would incur to hire a licensed electrician to modify their existing service fed from overhead wires to accept underground cables. The cost to bring noncompliant services to code is not included.

*** These per mile costs are based on Pepco's historical overall expenditures for both the DC & MD regions

**Verizon's Cost Estimate
Underground Utility Lines on 12th Street, NE**

This estimate is for the for the Verizon portion of the work to underground overhead facilities located on the poles at 12th St. NE form Rhode Island Ave. to Michigan Avenue. These are just estimates. Actual costs may vary greatly on what we find in the field at the time of construction and if we indeed would also have to negotiate for easement form individual homeowners.

This estimate does not address the conduit portion for all residents who may/will have to construct conduits on their property to meet us at the property line.

There are two locations along 12th street where we are on 3-4 poles each: Ottis and at Evarts Streets.

Cost estimate:

Engineering: \$12,436	Engineering: \$10,000
Materials: \$10,075	Conduit/restoration: \$134,260
Labor: \$12,436	Inspection: \$5,500
Total: \$97,292	Total: \$149,760

Grand Total: \$247,052

COMCAST ESTIMATE

The cost below is an estimate for the relocation of our facilities on 12th St between Rhode Island and Michigan Ave. As I mentioned in our meeting yesterday this is contingent on the vicinity in which we can break away from man holes to service adjacent streets. I'm assuming at this point it would be within 80' of each intersection. In addition Verizon indicated they will not need to build out a conduit system as there plant is mainly in back yard easements. This has driven our cost up dramatically as we will need to build our own conduit banks and manholes down 12th St.

COMCAST WDC

JOB/PROJECT:

12TH ST NE RELOCATE

DEPT	DESCRIPTION	SUBTOTAL
CONST	Install 6"screw anchor (normal soil conditions)	\$840.00
CONST	Feeder connector splicing	\$120.00
CONST	Install Straight Splices	\$300.00
CONST	Install Taps	\$1,750.00
CONST	Remove/Replace Amp	\$1,850.00
CONST	Splice DC/Splitter	\$1,020.00
CONST	Rough Balance	\$756.00
CONST	Composite Outside Conduit Pull (coax)	\$23,625.00
CONST	Composite Outside Conduit Pull (fiber)	\$29,250.00
CONST	.540 box to box	\$3,000.00
CONST	Transfer Aerial Drop @ U/G	\$22,000.00
CONST	Install Down Guy	\$672.00
CONST	Install Guy Guards	\$204.00
CONST	Riser pole	\$1,080.00
CONST	Install/Wreckout Strand	\$2,520.00
CONST	Lash/Delash Fiber	\$5,460.00
CONST	Manhole Set-Up Fee	\$11,500.00
CONST	Enclosure / prep	\$1,500.00
CONST	Fusion splice	\$31,968.00
	FACILITY RELOCATION COST	\$139,415.00
	MATERIAL	\$48,104.00
	INHOUSE LABOR	\$9,613.64
	CONDUIT/MANHOLE CONSTRUCTION	\$848,600.00
	JJB/ENGINEERING	\$81,120.00
	GRAND TOTAL	\$1,126,852.64