## Douglass Consulting LLC



## **December 9, 2014**

Subject: Response to City Engineering General Comments to the Description of existing overhead utilities at North Broward Preparatory School and estimated cost to relocate the over head lines. North Broward Preparatory School Overhead to underground conversion cost

Dear Mr. Craig Ditman:

We reviewed the ATT and Comcast conversions cost and consulted ATT and Comcast regarding the actual cost for "hand holes and cabinets".

• ATT and Comcast Hand holes-\$1,500 each for each 1,000 feet of cable. In this case there is approximately 900' of cable for each for all utilities therefore it should be assumed that two(2) hand holes might be needed.

ATT - 900' @ \$15.00/ft = \$13,500 plus (1) hand hole at \$1,500.00. This estimate assumes copper wire, no fiber optics and no cabinets.

Comcast - 900' @ \$14.00/ft = \$12,600 plus (1) hand hole at \$1,500.00. This estimate assumes copper wire, no fiber optics and no cabinets.

Total ATT and Comcast = \$29,100 + /-

Total Estimated cost for FPL, ATT and Comcast= \$304,100.00

\*All cost are subject to detailed engineering by the utility's and are subject to the Public Service Commission's tariff rates for actual cost.

Please let us know if you need any additional information.

Sincerely,

Normand Lapierre

N.L. Electrical Distribution Design Inc,

cc. Dave Douglass, Douglass Consulting, LLC.