

# Memo

**To:** Dr. Susan Flanagan, Interim Superintendent  
 Dr David Ballard, Assistant Superintendent of Curriculum

**From:** John Cavallone, Coordinator of Information Services in Technology

**Date:** June 1, 2012

**Re:** Improved Pricing on Internet Bandwidth

**Cc:** Board of Education

**Overview**

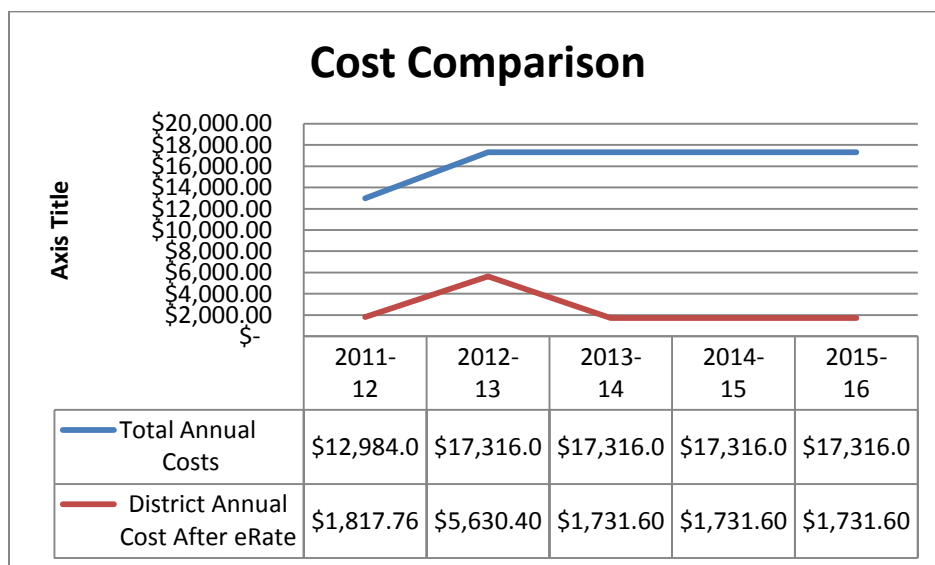
In recent conversations with AT&T, we have learned that in the 18 months since we signed the original 36-month contract they have reduced their rates for Internet bandwidth. Increased use of instructional tools such as streaming video in addition to the addition of hundreds of network devices have not produced the connectivity results necessary to move our technology program forward. AT&T is now able to offer us five times our current bandwidth, resulting in a 100 MB connection, for a slight increase in price. Currently we are paying \$1082 a month for 20MB they can provide the 100MB connection at \$1443 per month which is a 33% increase.

**Advantages**

Current instruction for many teachers utilizes streaming video, which consumes about ten times the amount (5-9MB) used for simply accessing a webpage. If only one teacher at each building illustrates a concept using YouTube during the same time we can easily see that our current bandwidth is exhausted and negatively affects other instructional activities utilizing technology in addition to worker productivity for those utilizing the Internet for administrative duties.

**Costs**

Currently eRate funding will cover 90% of the \$1082 or \$973.80 leaving a monthly cost to the District 89 at \$108.20. The increase of \$361 a month will have to be absorbed for the 2012-2013 school year as the deadline for funding requests has passed, however we should be fully funded for 2013-14 and beyond at 90% thus costing the district an additional \$36 a month.



## **Recommendation**

I recommend that the Board approve the increase in bandwidth from 20MB to 100MB in a new 36-month contract pending attorney review.

After the new contract is signed, it will take AT&T 90 days to provision the line. The district would have the additional service around October 1 if a contract is signed July 1.