

# Executive Summary

## Prepared for Board of Trustees Meeting

### April 25, 2017

## Federal E-Rate Funding Update

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**Board Goal:** VI. Growth, Change and Fiscal Responsibility

**Purpose of Report**

The purpose of this workshop item is to give the Board a chance to hear the status of the current ERate offering for DISD and how we have benefited.

**Objectives**

- Update on current status of outstanding projects (optical network 2016)
- Update on new projects (3 outstanding school networks)
- SB 1 \$25 million for E-Rate, to get Texas matching federal funds that improve high-speed broadband connectivity for all Texas public schools
- Update Region 11 Fiber/optical project
- Internet connections under ERate
- Future of the Telephone system

**Operational Impact**

The District receives a 60% discount from the FCC Schools and Library Division (E-Rate) as gauged by the districts free and reduced percentages. All equipment and services the district applies for ERate funding will result in the 40% encumbrance. In the projects above, the district portion for the optical equipment will be approximate cost of \$1,000,000 and the approximate cost for the network equipment for the 3 elementary schools is \$133,492.36. This does not include SB 1 as it has not been approved as of yet.

**Results**

Denton ISD will benefit from the optical equipment by increasing the speed of data between schools, Internet, Region 11 and DISD connected devices. We will also be a hub site for Region 11 and connections to local ISD's from Denton ISD. Denton ISD continues to receive Category 2 funding for Internet services. We have multiple connections to the Internet. 1. THENet – T-1 connection from DISD to UT Dallas via UT Austin. 2. LEARN – (2Gb) connects UNT, TWU and Denton ISD to SMU Frisco then to Downtown Dallas. 3. Zayo – (10gb) which is the main Internet source for Denton ISD. 3A(the Zayo connection will be disconnected and be provided by Region 11 as their ERate is qualified)

**Other Options**

No other options are being considered

**Attachments**

- Network equipment for 3 schools
  - Region 11 Optical Network and Internet Consortium
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