**School Connectivity:**

**Wi-Fi**

Replacement Wi-Fi project at High School

|  |  |
| --- | --- |
| **Description** | **Est. Cost** |
| High School (35 WAPS, switches, cabling) | $199,389 |
| **Total** | **$199,389** |

**Rationale:**

Although the high school building is relatively new, the wireless infrastructure/equipment, wireless coverage and capacity is still well below the standards required to support a true 21st Century learning environment. The current wifi density in the high school cannot support the increasing demand of mobile devices that are on the network

To support technology-based learning initiatives and prepare the schools for our 1:1 computing initiative, the network switches will be replaced/upgraded to the latest standard using CISCO equipment and Aruba wireless access points (WAPS). Replacement wireless equipment will be installed in the high school to increase the amount of bandwidth available to each device.

At the completion of this project, the wireless access points will increase to the following at the high school:

**Presently At completion**

High School 74 112

**Preliminary Smart Schools Investment Plan - Summary**

**Total District SSBA Allocation $4,300,000**

Phase I Expenditures:

School Connectivity Expenditures $ 715,940

High Tech Security Expenditures $ 216,144

Total Phase I $ 932,084

Unallocated SSBA funds **$3,367,916**

Phase II Expenditures:

School Connectivity Expenditures $ 199,940

Total Phase I $ 199,940

Unallocated SSBA funds **$3,137,976**