

Item for Information

Access Oak Ridge – Phase 2 - Completion

As part of the Access Oak Ridge Project, Phase 2 brings one to one technology into all high school classrooms. Due to funding, we began Phase 2 by purchasing devices for two grade levels (9th and 10th grades). To complete Phase 2, approximately 750 additional machines are required at an estimated cost of \$530,000. Due to workloads, ordering of the equipment is needed as soon as possible. In order to have a back-to-school rollout of these devices, we would need to make a decision at the regularly scheduled February Board meeting.

To complete Phase 2, there are three options:

1. Purchase devices for two grade levels (for incoming 5th graders and next year's seniors) in February (\$530,000). This would result in an on time rollout in July for both (all) grade levels.
2. Purchase devices for one grade level (for incoming 5th graders) in February (\$265,000) and delay purchase for computers for seniors to the next fiscal year. This would result in a (delayed) fall, 2017 rollout for seniors.
3. Do not purchase devices for either grade level until next fiscal year. This would result in 5th graders and seniors not getting devices until Fall, 2017 (Major impact on 5th grade teachers as they would have a difficult time accessing their digital content for students).

In order to lower the risks of delays in laptop rollout for school year 2016-17 due to Technology Department workloads with budget permitting, the first option is most viable.

Summer Plans

Tier 1 & 2 technicians will: (Read to board in presentation)

- Refresh 2,250 student laptops from grades 5th – 10th.
- Other tasks to accomplish are disassembling the computer labs at the high school so they can be distributed to 3 computers each classroom which will bring the high school up to the classroom technology standard.
- Summertime is also the only time we can make significant updates/upgrades to the network so we will be installing 450 wireless airports (upgrading all wireless to the latest standard as well as upgrading 96 switches, which will add the POE standard. (purchased with grant money)
- Old network wiring will be removed from the middle and elementary schools.
- Cleanup of the 46 existing MDF & IDF's (wiring closets)

Tier 3 technicians will: (No need to read)

- Setup and complete electronic documentation flow for beginning of school laptop rollout
- Complete redundancy on web filtering (update filter operating system)
- Complete redundancy on voicemail connection to Office 365

- 911 upgrade (Assigning DID to each building or building section & coordinate with 911 Center)
- Complete SAN installations for Backup/Data Landscape project
- Redistribute security camera feeds due to storage and performance bottlenecks
- Add NVR servers to security camera system
- Upgrade software (Skyward, Destiny, Identity Automation, Papercut)
- Roll up – promote data for next 2017-18 school year (Skyward, Canvas, Clever, Destiny, etc.)
- Decommissioning any existing Microsoft 2003 servers

Pre Summer Items

- Image and rollout Title I computers
- Image and rollout elementary teacher computers (114)
- Image and rollout special areas elementary teacher computers (30)
- Image and setup for rollout 750 student laptops for grades 5th and 12th
- Update corporate directory in Cisco Call Manager