



IT BOND PROJECT UPDATE

CHABOT-LAS POSITAS CCD
July 22, 2020

IMPLEMENTATION OF INDUSTRY STANDARD 802.11AC DATA WIRELESS EQUIPMENT

Chabot Campus

- Completion of wiring for additional wireless in the Chabot Performing Arts Center (B1300). Upgrade of existing and provisioning of new IDFs. Installation of switching equipment in new IDF. Implementation of 15 access points for comprehensive wireless service to the auditorium, lobby and support spaces.
- Chabot campus wireless now provisioned with 343 access points for indoor and outdoor wireless.

LPC Campus

- Implementation of outdoor wireless serving parking lots C and D in support of social distancing initiatives for LPC students.



DISTRIBUTED ANTENNAE SYSTEM (DAS) FOR CELLULAR COVERAGE INSIDE BUILDINGS

- **LPC**
 - Maintenance operating system upgrades executed.
 - Excellent stability and performance.
 - Moving to ongoing support phase of project.

- **Chabot**
 - Completion of Theatre wiring enables campus to be fully “DAS-ready”.

EMAIL UPGRADE

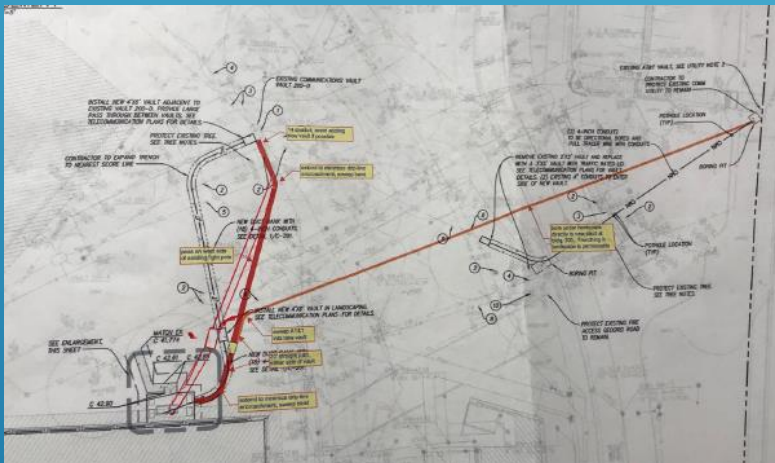
- Additional resiliency needed for optimal email performance. Management of in-house mail servers has been challenging.
- Evaluation of alternatives resulted in selection of Microsoft O365 for CLPCCD, Chabot and LPC multi-domain environment.
- Project initiated with Kick-off meeting on 7/15.
- Timeline and migration plan being developed.

FIREPOWER DEPLOYMENT

- Implementation of firewall leg for new Remote Student Access to campus resources.
- Testing with LPC Technology staff for secure access and control.

CHABOT MPOE REPLACEMENT

- Construction underway.
- Project revisions for more efficient conduit routing.
- Closely examining work effort and duration for electrical upgrades to minimize downtime.



FMO PROJECT SUPPORT

Chabot

- New Biology 3200 building
- Chabot New Library 100% DD design feedback.

LPC

- New B2100 Building 50% CD design review.
- LPC Temporary Village backbone routing/connectivity planning.
- PSC/AMT design meetings.
- LPC Horticulture building design meetings
- LPC Viticulture

SECURITY MASTER PLAN

Emergency Call Station Deployment

- POC completed successfully. Many lessons learned for inclusion in final bid package.
- EOC bid results require new approach for campus upgrades.