

Santa Cruz Telecommunications Infrastructure Improvements Phase C

FY of Approval: 2015-16

Project Description

- Provides upgrades to avoid immediate failures of communications systems that have exceeded life expectancy and to eliminate single points of failure of communications systems on the main campus. This is the third phase of a multi-phased plan that prioritizes work per new or expanded Area Distribution Facility (ADF). By focusing on completing all necessary improvements to each area of the campus sequentially, the transition to the new services and systems will be significantly eased.
- Provides communications-systems design, cabling, and equipment purchase and installation for campus-wide networking upgrades per the 2010-2020 Telecom Master Plan. Project consists of constructing new or expanded ADFs/IDFs (Intermediate Distribution Frames) and performs the associated inside cable plant and equipment upgrade work within approximately 72 buildings located in the Performing Arts area, Crown and Merrill Colleges area, Cowell and Stevenson Colleges area, and the Bay Tree Bookstore area. Includes in-building cabling, construction or expansion of IT closets and upgrades to critical networking equipment in State-funded, Auxiliary-funded, and Fee-funded buildings.
- Supports campus CFP objectives for Instruction and Research Program Development; Retrofitting and Upgrading Existing Academic Facilities; and Improvements to Core Infrastructure.

| Project Scope Summary | | Financing Assumptions | |
|--------------------------------|----------------------|---|--------------|
| ASF | n/a | External Financing | \$ 8,014,000 |
| GSF | n/a | Financing Terms | |
| Summary of Budget by Fund Type | | Interest During Const. | \$ 287,000 |
| Auxiliary Reserves | \$ 225,000 | Bond Term | 30 Years |
| External Financing | \$ 8,187,000 | Planning Interest Rate | 6% |
| Campus Funds | \$ 1,007,000 | Estimated Annual DS yr. | \$ 582,000 |
| University Reserves | \$ 1,044,000 | Repayment Fund Source* | |
| Total Budget | \$ 10,463,000 | F&A Cost Recovery Funds | |
| | | *Fund sources for external financing shall adhere to University policy on repayment for capital projects. | |