

Santa Cruz	Telecommunications Infrastructure Improvements	973850
	Phase D	
Fiscal Year	2016-17	

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 fourth 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 58 buildings (47 State-funded, 8 Student fee-funded, 3 Auxiliary-funded) located in the OPERS area, the Bay Tree Bookstore area, the Lower Quarry Village area, the CASFS/Farm area, and the South campus 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 Standby Financing	\$	-
GSF			n/a Interim Financing	\$	-
Summary of Budget by Fund Type			External Financing	\$	4,410,000
External Financing	\$	4,410,000	Financing Terms		
Auxiliary Reserves	\$	336,000	Interest During Const.	\$	154,000
Campus Funds	\$	739,000	Bond Term		30 Years
University Reserves	\$	1,643,000	Planning Interest Rate		6%
Total Budget	\$	7,128,000	Estimated Annual DS yr.	\$	320,000
			Estimated Annual DS 20 yr.	\$	6,400,000
			Potential Private Activity		
			Repayment Fund Source*		
			F&A Cost Recovery Funds		
			*Fund sources for external financing shall adhere to University policy on repayment for capital projects.		