

Telecommunications Infrastructure Improvements Phase A

- 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. Revised phasing plan now 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 outside-plant augmentation and data/voice network upgrades, per the 2010-2020 Telecommunications Master Plan. Constructs a new redundant Main Point of Entry (MPOE) in the south part of the campus to mirror the existing single MPOE in the Communications Building. Constructs new or expanded ADFs to create network loops at most western campus locations; .provides optical fiber to 36 building locations. Includes in-building cabling, construction or expansion of IT closets, and upgrades to critical networking equipment in State-funded buildings, predominantly at Kresge and Porter Colleges and at Oakes College and College Eight areas. Includes work at Thimann Laboratories, Kerr Hall, Sinsheimer and Physical Sciences buildings.
- Supports campus CFP objectives for Instruction and Research Program Development; Retrofitting and Upgrading Existing Academic Facilities; and Improvements to Core Infrastructure.

Budget Approval

Budget Year 2013-14

Financing Assumptions

Type of Financing

Standby Financing	\$	-
Interim Financing	\$	-
External Financing		\$13,320,000

Financing Terms

Interest During Const.	\$	466,000
Bond Term		30 Years
Planning Interest Rate		6%
Estimated Annual DS		\$968,000

Repayment Fund Source

General Revenue Bonds
 Anticipated Fund Source*
 Opportunity Funds, Housing
 Fees and Student Fees

*Fund sources for external financing shall adhere to University policy on repayment for capital projects.

Summary of Budget by Fund Type

<u>Funding Source</u>	<u>Amount</u>
External Financing (including Capital Leases)	\$13,320,000
Campus Funds	\$1,305,000
Auxiliary Reserves	\$1,749,000
Total Budget	\$16,374,000