

THE UNIVERSITY OF MICHIGAN  
REGENTS COMMUNICATION

ACTION REQUEST

Subject: Campus Communications Infrastructure Replacement/Expansion  
North Campus to East Campus Communications Connector at Arbor Lakes

Action

Requested: Approval to Proceed with Project

Background:

There are currently two aboveground routes for the fiber that connects North Campus and East Campus/Arbor Lakes I, II and III. These two cables provide telephone service to Arbor Lakes and East Campus, as well as data connections for email, Internet, voice and other high-performance, computer-related access from the Arbor Lakes Data Center to the rest of campus. Both routes are subject to damage from ice storms, windstorms, trees, rodents, auto accidents, and vandalism. An underground route would provide the additional network capacity, security, and robustness required for the types of systems and applications being supported for the campus.

The proposed project will include placement of underground raceway facilities for telecommunications from the west side of Hubbard Road at the intersection with Huron Parkway to the East Campus/Arbor Lakes complexes. These facilities will be new and installed using a combination of open trench and direct boring techniques. The project also includes placement of a new fiber cable from the North Campus Cooley Building to the Arbor Lakes Complex. This cable will provide capacity for new services and alternate routing for backbone services (to improve network reliability and robustness).

The scope of this project includes the architectural, mechanical, civil, and electrical work necessary to accomplish these improvements. All work is exterior to buildings and will be performed in University and City "Rights of Way". We anticipate no impact on parking needs associated with this project.

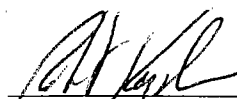
The estimated cost of the project is \$1,680,000. Funding will be provided from the ITCom capital fund. The construction cash flow may be provided, all or in part, by increasing the commercial paper issuance under the commercial paper program, secured by a pledge of General Revenues, and authorized by the Regents. Plant Extension - Architecture, Engineering and Construction will design the project. IT-Com's portion of the work will include pulling the fiber and cable, as well as final terminations. Construction is scheduled to begin in May 2002 and be completed in January 2003.

We recommend that the Regents approve the Campus Communications Infrastructure Replacement/Expansion - North Campus to East Campus Communications Connector at Arbor Lakes project as described, and authorize issuing the project for bids and awarding construction contracts providing that bids are within the approved budget.

Respectfully submitted,

APPROVED BY THE REGENTS ON

MAR 14 2002



Robert Kasdin

Executive Vice President  
and Chief Financial Officer

March 2002