


MICHIGAN STATE
UNIVERSITY

February 3, 2010

MEMORANDUM

To: Trustee Finance Committee

From: Fred L. Poston 

Subject: Bid and Contract Award (budget reduction)
Utility Distribution – Repairs and Improvements between Chestnut Road
and Red Cedar Road along Stadium Drive

RECOMMENDATION

BE IT RESOLVED that the Trustee Finance Committee recommends that the Board of Trustees authorize the Administration to award a contract in the amount of \$2,443,000 to Irish Construction Company and that the budget be reduced from \$5,310,000 to \$4,300,000, for the project entitled Utility Distribution – Repairs and Improvements between Chestnut Road and Red Cedar Road along Stadium Drive.

BACKGROUND

Description of the Project:

This project runs along the drive between Landscape Services and the Physical Plant, between the MSU Police building and the Oyer Speech and Hearing building from Chestnut Road east to Red Cedar Road in the central academic district. This project involves the repair, waterproofing, and replacement of steam vaults, anchors, expansion joints, and valves; installation of a water main loop to increase fire hydrant flow capacity, an electrical duct bank, and a communication duct line for fiber optic distribution; and correcting road and safety issues. The MSU Police parking lot will be rebuilt with porous asphalt as a storm water control tool. The project will also reconfigure the Physical Plant parking lot to allow standard parking and lane widths, and reconfigure traffic flow for safety.

Bid List:

The following bids were received:

<u>BIDDERS</u>	<u>BID</u>
Irish Construction Company	\$ 2,443,000
Kares Construction Company Inc.	2,498,000
Moore Trosper Construction Company	2,569,000
Granger Construction Company	2,627,000
Clark Construction Company	2,694,000
E.T. MacKenzie Company	2,731,000



OFFICE OF THE
**VICE PRESIDENT
FOR FINANCE
AND OPERATIONS
AND TREASURER**

Fred L. Poston
Vice President

Michigan State University
412 Administration Building
East Lansing, MI
48824-1046

517/355-5014
FAX: 517/353-6772

Project Cost:

In December 2009, the Board of Trustees authorized a budget of \$5,310,000 for this project. Due to favorable bidding conditions, the project budget will be reduced to \$4,300,000.

This project is being funded by the general fund – Just-In-Time and parking.

cc: D. Brower, R. Flinn, J. Kacos, G. Klein, B. Kranz, K. Lindahl, M. McCabe,
J. Mumma, R. Nestle, D. Quinney, K. Neils

CP07086

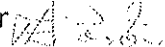
Background Information

MICHIGAN STATE
UNIVERSITY

April 15, 2009

MEMORANDUM

To: Trustee Finance Committee

From: Fred L. Poston 

Subject: Authorization to Plan
Utility Distribution - Repairs and Improvements between Chestnut Road and Red Cedar Road along Stadium Drive



RECOMMENDATION

BE IT RESOLVED that the Trustee Finance Committee recommends to the Board of Trustees that it authorize the Administration to plan for the project entitled Utility Distribution - Repairs and Improvements between Chestnut Road and Red Cedar Road along Stadium Drive.

BACKGROUND

Program Need:

Several steam and condensate expansion joints in the proposed area are leaking and cannot be safely repaired and some steam valves are inoperable. There are severe water issues in the tunnel, as the existing cast iron water main has broken several times and is leaking. The fire hydrant flow capacity in this area also needs to be increased, and the fiber optic master plan calls for a communication duct line to be installed.

General Description of the Project:

The planning of this project is anticipated to include the repair and replacement of steam vaults, anchors, expansion joints, and valves; installation of a water main loop to increase fire fighting capacity; and installation of a communication duct line for fiber optic distribution.

This project starts on Chestnut Road, runs along the drive between the Landscape Services building and the Physical Plant, continues east between the Department of Police and Public Safety building, and the Oyer Speech and Hearing building and ends at Red Cedar Road in the Central Academic and Residential Districts. This is a Just-In-Time maintenance project and is consistent with the Campus Master Plan and Planning Principles.

Communication Plan:

During the planning phase, faculty, staff, and students who work or live in this area will have an opportunity to provide feedback on the project as it is being designed. Input from the project planning team will be solicited during the design phase.



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Preliminary Project Cost Information:

Based on cost experience for similar projects and current pricing information, the preliminary project cost estimate is \$4,150,000. This estimate may change as planning progresses and the project scope is defined.

The source of funds for the project is expected to be the General Fund - Just-In-Time.

cc: D. Brower, R. Flinn, J. Kacos, G. Klein, B. Kranz, K. Lindahl, M. McCabe, J. Mumma,
R. Nestle, D. Quinney

CP07086

MICHIGAN STATE
UNIVERSITY

December 2, 2009

MEMORANDUM



To: Trustee Finance Committee

From: Fred L. Poston *F.L.P.*

Subject: **Project Approval – Authorization to Proceed**
Utility Distribution – Repairs and Improvements between Chestnut Road and Red Cedar Road along Stadium Drive

RECOMMENDATION

BE IT RESOLVED that the Trustee Finance Committee recommends that the Board of Trustees authorize the Administration to proceed with the project entitled Utility Distribution – Repairs and Improvements between Chestnut Road and Red Cedar Road along Stadium Drive and to approve a budget of \$5,310,000.

BACKGROUND

Program Need:

There are a number of utility issues in this steam distribution tunnel segment. Several steam and condensate expansion joints are leaking and cannot be safely repaired and several steam valves are not operable. There are severe water problems in the tunnel; as the existing cast iron water main has broken many times and is leaking. The water distribution master plan shows that this area has fire hydrant flow capacity challenges; the electrical master plan requires an electrical duct bank to be installed for looping; and the fiber optic master plan calls for a communication duct line to be installed for added capacity and redundancy, allowing better system stability.



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Description of the Project:

This project runs along the drive between Landscape Services and the Physical Plant, between the MSU Police building and the Oyer Speech and Hearing building from Chestnut Road east to Red Cedar Road in the Central Academic District. This project involves the repair, waterproofing, and replacement of steam vaults, anchors, expansion joints, and valves; installation of a water main loop to increase fire hydrant flow capacity, an electrical duct bank, and a communication duct line for fiber optic distribution; and correcting road and safety issues. The MSU Police parking lot will be rebuilt with porous asphalt as a storm water control tool. The project will also reconfigure the Physical Plant parking lot to allow standard parking and lane widths, and reconfigure traffic flow for safety.

The Architect/Engineer is Fishbeck, Thompson, Carr, & Huber Inc.

Based on an assessment of the factors stated in the Project Planning and Approval process concerning project labor agreements, the Vice President for Finance and Operations has determined that a project labor agreement would not have utility for this project.

Communication Feedback:

The campus community was given opportunities to provide feedback during the planning phase; concerns have been addressed in the project design.

The Office of Campus Planning and Administration has reviewed this project and found it to be consistent with the Campus Master Plan and Planning Principles. The Campus Infrastructure Planning Work Group also supports the recommendation to proceed with the project.

As construction proceeds, the schedule and phasing will be reviewed with the campus community.

Project Cost and Timetable:

The budget for this Design-Bid-Build project is \$5,310,000, which is being funded by the General Fund – Just-in-Time and Parking.

Construction is planned to begin in February 2010 and will be substantially complete in August 2010, with final completion by October 2011.

cc: D. Brower, R. Flinn, J. Kacos, G. Klein, B. Kranz, K. Lindahl, M. McCabe,
J. Mumma, R. Nestle, D. Quinney, M. Rice