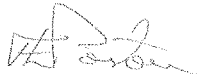


MICHIGAN STATE
UNIVERSITY

August 29, 2012

MEMORANDUM

To: Trustee Finance Committee

From: Fred L. Poston 

Subject: **Project Approval - Authorization to Proceed**
Music Building - Replace Electrical Substation

RECOMMENDATION

BE IT RESOLVED that the Trustee Finance Committee recommends that the Board of Trustees authorize the Administration to proceed with the project entitled Music Building - Replace Electrical Substation, and to approve a budget of \$2,500,000.

BACKGROUND

Program Need:

The existing substation services the Music and Music Practice Buildings. It is one of the few remaining substations connected to the deteriorating 4,160 volt distribution system that is being replaced by the 13,200 volt system as part of the long-range electrical plan. Cowles House is also still connected to the 4,160 system. Replacing this substation and connecting it to the higher voltage system will provide more reliable power for the buildings and accommodate normal anticipated growth. Service must be maintained during any upgrade.

Description of the Project:

This project is located between the Music Building and Music Practice Building in the north academic district. It involves replacing and upgrading the electrical substation currently located in the basement of the Music Building. A new substation will be constructed underneath the receiving area, minimizing land use in a sensitive area of campus. The substation will also be able to service Cowles House when the duct bank is completed as part of next summer's project to replace the steam tunnel from the Library to IM Circle. Once the new substation is activated, the existing substation room will be available for future needs.

The Architect/Engineer is Orion Engineering Company, Inc. The Construction Manager is Granger Construction.



OFFICE OF THE
VICE PRESIDENT FOR
FINANCE AND
OPERATIONS

Fred L. Poston
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Based on an assessment of the factors stated in the Project Planning and Approval process concerning Project Labor Agreements (PLA), the Vice President for Finance and Operations and Treasurer has determined that a PLA would not be required for this project.

Communication Feedback:

The campus community was given opportunities to provide feedback during the planning phase and any 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 will be reviewed with the campus community.

Project Cost and Timetable:

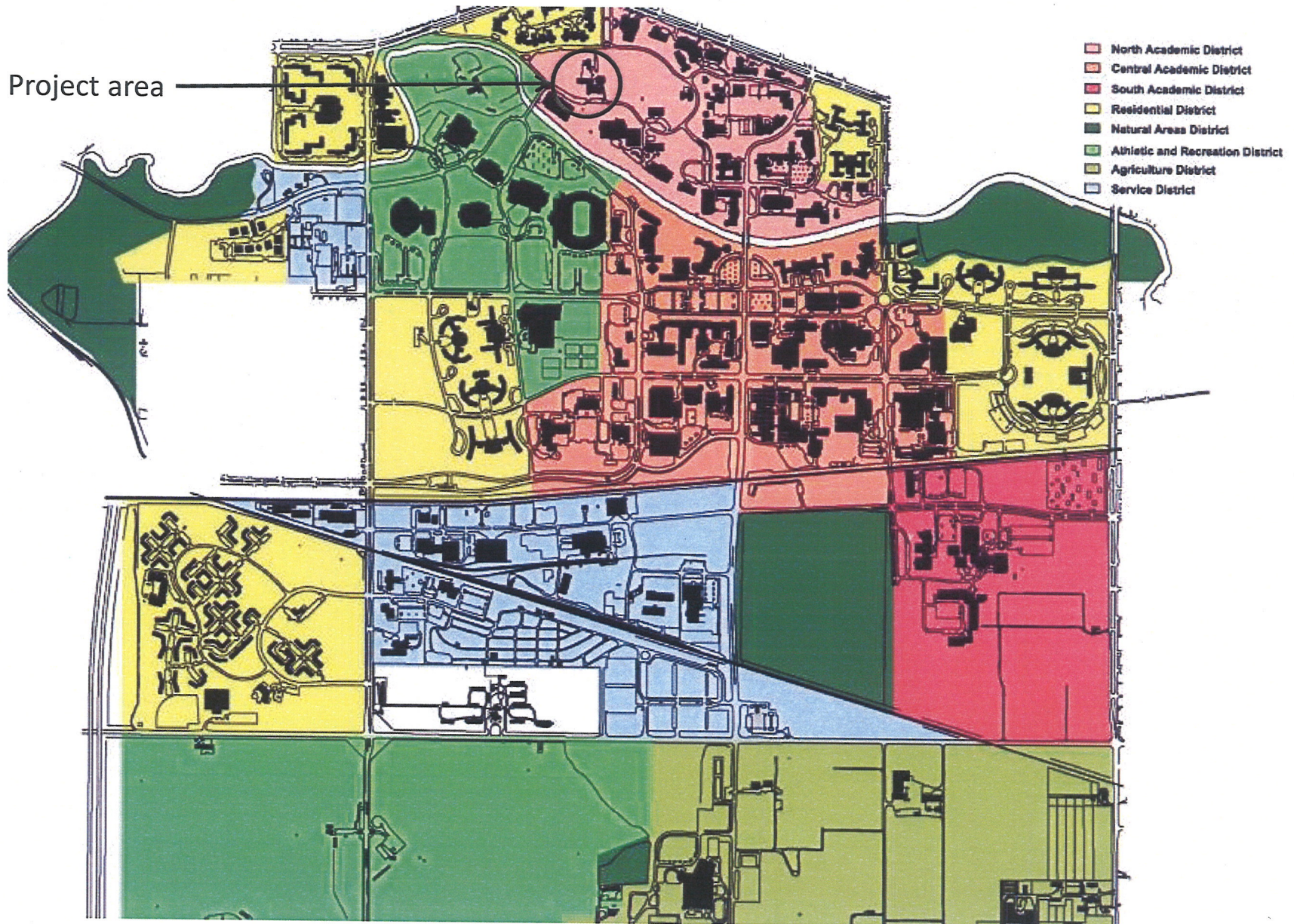
The budget for this Construction Manager project is \$2,500,000, which is being funded by the General Fund - Just-In-Time.

Construction is planned to begin in December 2012, with substantial completion in March 2013, and final completion in September 2014.

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

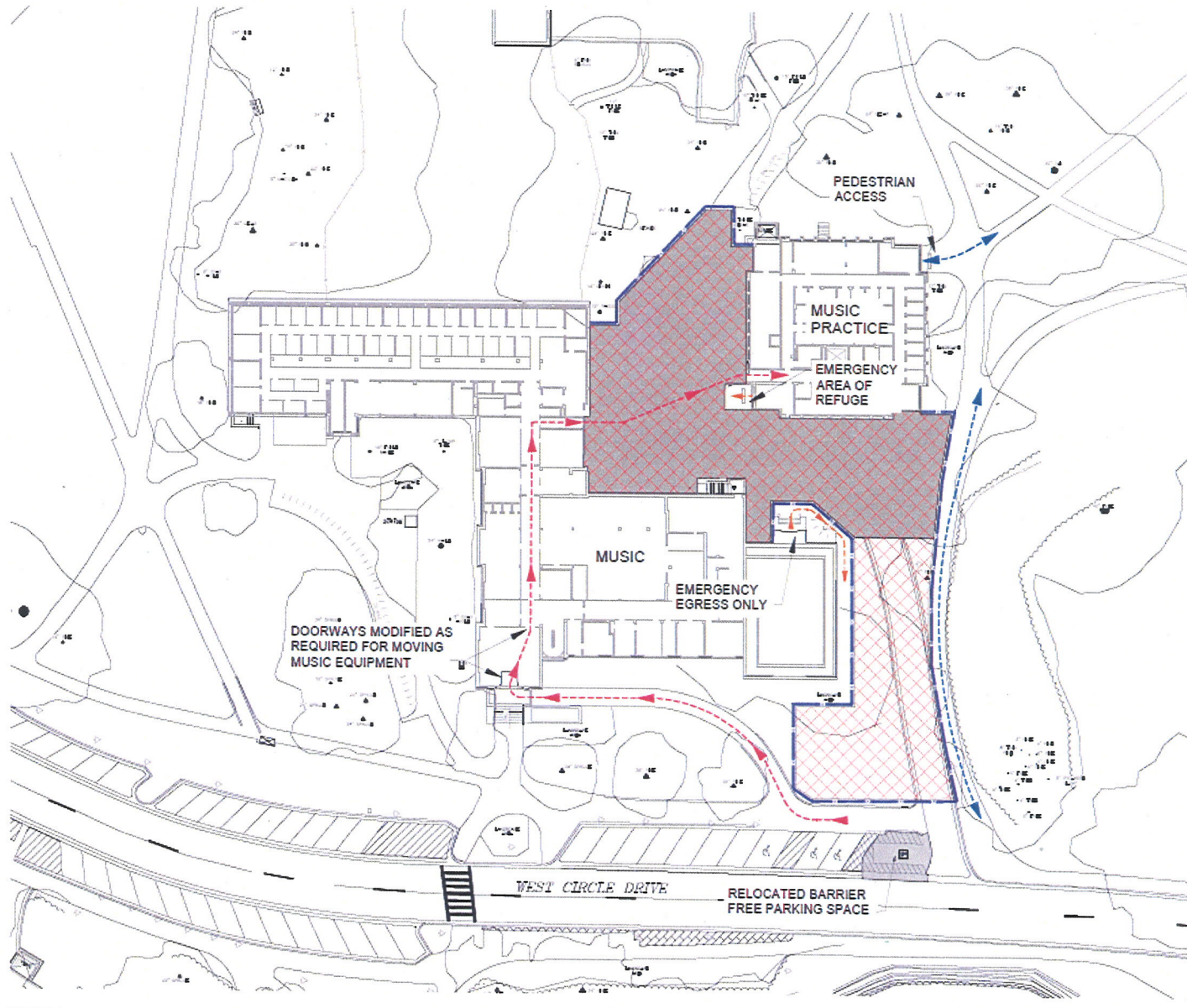
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Project Approval – Authorization to Proceed Music Building – Replace Electrical Substation









Project Approval – Authorization to Proceed

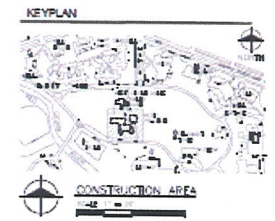
Music Building – Replace Electrical Substation



CONSTRUCTION DURATION:
 START: DECEMBER 17, 2012
 COMPLETION: MARCH 30, 2013
 SEMESTER BREAK: DEC. 17 - JAN. 5
 • EXCAVATION AND SHEET PILING
 SPRING BREAK: MAR. 3 - MAR. 8
 • REMOVE SHEET PILING & BACKFILL

WEST CIRCLE PHASE 2 CONSTRUCTION:
 MARCH, 2013 - AUGUST, 2013
 WEST CIRCLE DRIVE CLOSED
 ACCESS TO MUSIC AND MUSIC PRACTICE THROUGH COWLES HOUSE TEMP DRIVE

-  CONSTRUCTION AREA
-  STAGING AREA
-  SITE FENCE
-  BARRIER FREE ACCESS ROUTE
-  PEDESTRIAN ROUTE
-  EMERGENCY EGRESS ROUTE

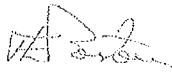


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MICHIGAN STATE
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October 15, 2008

MEMORANDUM

To: Trustee Finance Committee
From: Fred L. Poston 
Subject: **Authorization to Plan**
Music Building – Replace Electrical Substation



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 Music Building – Replace Electrical Substation.

BACKGROUND

Program Need:

The existing substation services the Music and Music Practice Buildings and is one of the few remaining substations connected to the deteriorating 4,160 volt distribution system that is being replaced by the 13,200 volt system as part of the long-range electrical plan. Replacing this substation and connecting it to the higher voltage system will provide more reliable power for the buildings and accommodate normal anticipated growth.

General Description of the Project:

The planning of this project is anticipated to include replacing and upgrading the electrical substation located in the basement of the Music Building. The current plan is to install new equipment in the existing substation room.

The Music and Music Practice Buildings are located on the north side of West Circle Drive in the North Academic District. 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 and staff who work in the Music and Music Practice Buildings will be given an opportunity to provide feedback on the project as it is being designed. Input from the project planning team will also be solicited during the design phase.

Preliminary Project Cost Information:

Based on cost experience for similar projects and current pricing information, the preliminary project cost estimate is \$1,400,000. This estimate may change as planning progresses and the project scope is defined.

The source of funds for the project is expected to be 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

CP07079



OFFICE OF THE
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