

**Agendum
Oakland University
Board of Trustees Formal Session
August 3, 2020**

**HIGH TEMPERATURE HOT WATER PIPING
REPLACEMENT AND IMPROVEMENT PROJECT**
A Recommendation

1. **Division and Department:** Finance and Administration and Facilities Management Department

2. **Introduction:** The High Temperature Hot Water (HTHW) Piping Replacement and Improvement Project (Project) was contemplated for funding from the 2019 Bond at a cost of \$5 million. The Project will replace the failing HTHW infrastructure primarily from the Central Heating Plant (CHP) to Hill House and Van Wagoner House (original project scope), as well as resolve leaks in the expansion loop and Elliott Hall supply line. To properly define and plan the project and develop design documents, Commonwealth Engineering (the original designer of the CHP) was hired to provide design services under the President's signing authority for \$488,840.

In January 2020, while in the design phase, a leak in the expansion loop was becoming critical, with vendors and supplies needing to be quickly acquired to allow for emergency pipe replacement during Spring/Summer 2020. Under the President's emergency signing authority, an additional \$680,000 was approved for this emergency project, with the total project funding to date reflected in the Treasurer's Report, Construction Report. Because the Project required the CHP to be shut down for a 2-week period, the construction was planned for May 2020, following the winter semester, and has been completed.

As the HTHW system was energized, a leak in the underground HTHW line leading to Elliott Hall was discovered. The system to Elliott Hall was shut down with 93 feet of piping needing to be replaced. Vendors that were used on the original project are being used for this emergency repair. Repairs will be completed in early fall. The repair of the Elliott Hall line will be incorporated into the Project.

Board of Trustees approval is being sought for this \$5 million Project which incorporates replacing the HTHW infrastructure to Hill House and Van Wagoner House, emergency repair of the expansion loop, and repair of the HTHW infrastructure to Elliott Hall, funded from the 2019 Bond.

3. **Previous Board Action:** None.

4. **Budget Implications:** The funding source for this \$5 million Project is the 2019 Bonds. No additional tuition increase is needed to fund this Project.

5. **Educational Implications:** This Project will provide upgraded HTHW service to Hill House and Van Wagoner House and maintain Elliott Hall as a usable asset for the Fall 2020 semester.

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6. **Personnel Implications:** None.

7. **University Reviews/Approvals:** This recommendation was prepared by Facilities Management, in consultation with Commonwealth (engineer of record on the Project), and reviewed by the Vice President for Finance and Administration, and President.

8. **Recommendation:**

RESOLVED, that the Board of Trustees approves the attached schematic design and a budget of \$5 million for the HTHW Piping Replacement and Improvement Project; and, be it further

RESOLVED, that the Board of Trustees authorizes the President, Vice President for Finance and Administration, and their respective designees, to perform all acts and deeds and to execute and deliver all contracts, instruments, and documents required by this resolution that are necessary, expedient, and proper in connection with the HTHW Piping Replacement and Improvement Project and the ongoing administration of the Project; and, be it further

RESOLVED, that said contracts, instruments and documents shall be reviewed by and be in a form acceptable to the Vice President for Legal Affairs and General Counsel prior to execution, and be in compliance with the law and with University policies and regulations and conform to the legal standards of the Vice President for Legal Affairs and General Counsel.

9. **Attachments:**

Attachment A: HTHW Piping Replacement & Improvement Project Schematics

Submitted to the President
on 7-29, 2020 by



John W. Beaghan
Vice President for Finance and Administration
and Treasurer to the Board of Trustees

Recommended on _____, 2020
to the Board of Trustees for Approval by

Ora Hirsch Pescovitz, M.D.
President

