

THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION

ITEM FOR INFORMATION

Subject: Plant Extension

Background and Summary:

Construction activities on University of Michigan projects continued as shown on the attached schedules during the month of February 2018.

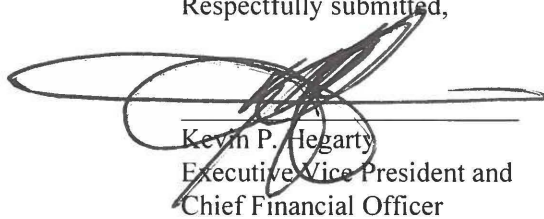
The projects listed below have been completed, except for specific items, and will no longer be included in this report.

- Walter E. Lay Automotive Engineering Laboratory Dynamometer Installation
- Michigan Medicine C.S. Mott Children's and Von Voigtlander Women's Hospitals Fetal Diagnostic Center Expansion
- Michigan Medicine University Hospital Magnetic Resonance Imaging Equipment Replacement
- Michigan Medicine University Hospital South Central Sterile Processing Department Scope Reprocessing Center

The project listed below has been removed because the project has been cancelled:

- Michigan Medicine A. Alfred Taubman Health Care Center Air Handling Equipment Replacement

Respectfully submitted,



Kevin P. Hegarty
Executive Vice President and
Chief Financial Officer

March 2018
Attachment

PROJECTS IN PLANNING

March 2018

Status as of February 16, 2018

| <u>Project</u> | <u>Proposed Project Budget</u> | <u>Source of Funds</u> |
|--|------------------------------------|---|
| <u>Ann Arbor</u> <u>ARCHITECT APPOINTED</u> | | |
| Central Power Plant Expansion Black & Veatch | \$ 80,000,000 | Utility resources |
| W.K. Kellogg Institute and Dental Building Expansion and Renovation SmithGroupJJR | \$ 140,000,000 | FY17 Capital Outlay Request to the State of Michigan, Office of the Provost resources, School of Dentistry resources, and investment proceeds |
| Detroit Observatory Classroom and Accessibility Addition Harley Ellis Devereaux | \$ 10,000,000 | Bentley Historical Library gifts and resources and investment proceeds |
| Alexander G. Ruthven Museums Building Renovation and Addition Stecker Labau Arneill McManus Collaborative | \$ 150,000,000 | Investment proceeds |
| Wall Street West Parking Structure Walker Parking Consultants | \$ 39,500,000 | Logistics, Transportation & Parking resources |
| <u>WORKING DRAWINGS IN PREPARATION</u> | | |
| Art and Architecture Building Work Commons Renovation Fishbeck, Thompson, Carr & Huber | \$ 3,400,000 | Penny W. Stamps School of Art and Design gifts and resources and Office of the Provost resources |
| Camp Davis Rocky Mountain Field Station Student Cabin and Support Facilities Replacement Krikor Architecture | \$ 6,500,000 | College of Literature, Science, and the Arts gifts and resources |

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March 2018

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|--|------------------------------------|--|
| <u>WORKING DRAWINGS IN PREPARATION</u> | | |
| Central Campus Storm Water Infiltration System CDM Smith | \$ 4,500,000 | Utility resources and investment proceeds |
| Central Power Plant 13,200 Volt Switchgear Upgrade Black & Veatch | \$ 23,000,000 | Utility resources |
| Central Power Plant Fire Protection System for Steam Turbines UM-AEC | \$ 1,900,000 | Utility resources |
| Ford Motor Company Robotics Laboratory Harley Ellis Devereaux | \$ 75,000,000 | College of Engineering resources, gifts, and a lump sum contribution by Ford Motor Company |
| Edward Henry Kraus Building Renovation and Addition Ballinger | \$ 120,000,000 | Office of the Provost resources |
| Michigan Medicine East Ann Arbor Health and Geriatrics Center Infrastructure Upgrades Ann Arbor Architects Collaborative | \$ 3,500,000 | Health System resources |
| Michigan Medicine Samuel and Jean Frankel Cardiovascular Center Electrophysiology Laboratory Replacement HKS Architects | \$ 4,600,000 | Health System resources |

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|---|------------------------------------|--|
| <u>WORKING DRAWINGS IN PREPARATION</u> | | |
| Michigan Union Renovation Integrated Design Solutions, in association with Workshop architects as the design architect and Hartman-Cox as the historic preservation specialists | \$ 85,200,000 | Student Life Student Fee for Facility Renewal and investment proceeds |
| North Campus Research Complex Buildings 20 and 25 Laboratory Renovation SmithGroupJJR | \$ 78,500,000 | Medical School resources |
| Glenn E. Schembechler Hall Football Performance Center Kohn Pedersen Fox | \$ 14,800,000 | Athletic Department resources and gifts |
| <u>Dearborn</u> | | |
| <u>WORKING DRAWINGS IN PREPARATION</u> | | |
| Engineering Lab Building Replacement SmithGroupJJR | \$ 90,000,000 | FY17 Capital Outlay Request to the State of Michigan and University of Michigan-Dearborn resources |
| Mardigian Library Galleries Center Quinn Evans Architects | \$ 1,600,000 | University of Michigan-Dearborn resources and gifts |

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March 2018

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|--|------------------------------------|---|
| <u>Flint</u> <u>WORKING DRAWINGS IN PREPARATION</u> William R. Murchie Science Building Expansion Harley Ellis Devereaux | \$ 39,000,000 | FY17 Capital Outlay Request to the State of Michigan and University of Michigan-Flint resources |

ACTIVE CONSTRUCTION PROJECTS

Status as of February 16, 2018

March 2018

| <u>Project</u> | <u>Project Budget</u> | <u>Date Construction Started</u> | <u>Original Completion Date</u> | <u>Current Completion Date</u> | <u>Source of Funds</u> |
|---|-----------------------|----------------------------------|---------------------------------|--------------------------------|--|
| <u>Ann Arbor</u> Biological Science Building SmithGroupJJR | \$ 261,000,000 | May-15 | Sep-18 | Sep-18 | College of Literature, Science, and the Arts resources and Office of the Provost resources |
| Central Power Plant Basement Drain Line Replacement Fishbeck, Thompson, Carr & Huber | \$ 1,900,000 | Jul-17 | Mar-19 | Mar-19 | Utility resources |
| Central Power Plant Chimney Stack Refurbishment Gerard Chimney and Simpson Gumpertz and Heger | \$ 1,500,000 | Jul-17 | Dec-18 | Dec-18 | Utility resources |
| Forest Avenue Switching Station Upgrades CDA Engineering | \$ 3,200,000 | Sep-17 | Sep-18 | Sep-18 | Utility resources |
| Institute for Social Research Wing Two Elevators Replacement UM-AEC | \$ 1,400,000 | Oct-16 | Dec-17 | Jun-18 | General Fund resources |
| Walter E. Lay Automotive Engineering Laboratory Dynamometer Installation MA Engineering | \$ 1,150,000 | Jun-16 | Dec-16 | Jan-18 | College of Engineering resources |
| Literature, Science, and the Arts Building First Floor Renovation and Addition SmithGroupJJR | \$ 35,000,000 | Nov-17 | Sep-19 | Sep-19 | College of Literature, Science, and the Arts resources |

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|--|----|---------------------------|--|---|--|--|
| Medical Center North Entrance Parking Structure Lighting and Emergency Power Upgrades Carl Walker Associates | \$ | 1,300,000 | Sep-17 | Jun-18 | Jun-18 | Logistics, Transportation & Parking resources |
| Michigan Medicine Brighton Health Center South HKS Architects | \$ | 175,000,000 | Sep-16 | Sep-18 | Sep-18 | Health System resources |
| Michigan Medicine East Mechanical Building Cooling Tower Replacement Fishbeck, Thompson, Carr & Huber | \$ | 2,900,000 | Aug-17 | Jun-18 | Jun-18 | Health System resources |
| Michigan Medicine Samuel and Jean Frankel Cardiovascular Center Operating Room Interventional Imaging System Tower Pinkster Titus Associates | \$ | 4,000,000 | Nov-17 | Sep-18 | Sep-18 | Health System resources |
| Michigan Medicine M29 Parking Lot Slope and Stair Improvements Stantec Architecture | \$ | 1,300,000 | Aug-17 | Jun-18 | Jun-18 | Health System resources |
| Michigan Medicine C.S. Mott Children's and Von Voigtlander Women's Hospitals Central Sterile Processing Department Renovations Niagara Murano | \$ | 1,700,000 | Feb-18 | Dec-17 | Jun-18 | Health System resources |
| Michigan Medicine C.S. Mott Children's and Von Voigtlander Women's Hospitals Domestic Hot Water Heaters and Booster Systems Replacement MA Engineering | \$ | 1,800,000 | Oct-17 | Mar-18 | Mar-18 | Health System resources |

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|--|-----------------------|----------------------------------|---------------------------------|--------------------------------|-------------------------|
| Michigan Medicine C.S. Mott Children's and Von Voigtlander Women's Hospitals Fetal Diagnostic Center Expansion Niagara Murano | \$ 2,000,000 | Jul-17 | Mar-18 | Jan-18 | Health System resources |
| Michigan Medicine North Campus Research Complex Buildings 30, 35, 36, and 60, University Hospital, and University Hospital South Clinical Pathology Laboratories Relocation and Renovation Tsoi/Kobus and Associates | \$ 160,000,000 | Sep-16 | Sep-19 | Sep-19 | Health System resources |
| Michigan Medicine University Hospital Central Sterile Processing Lift Replacement Integrated Design Solutions | \$ 1,200,000 | May-17 | Jun-18 | Jun-18 | Health System resources |
| Michigan Medicine University Hospital Fire Detection and Alarm System Update UM-AEC | \$ 3,500,000 | Nov-17 | Sep-18 | Sep-18 | Health System resources |
| Michigan Medicine University Hospital Magnetic Resonance Imaging Equipment Replacement Integrated Design Solutions | \$ 4,900,000 | Aug-17 | Dec-17 | Feb-18 | Health System resources |
| Michigan Medicine University Hospital Operating Room Air Handling Unit Upgrades MA Engineering | \$ 1,600,000 | Aug-17 | Jun-18 | Jun-18 | Health System resources |

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|---|----|---------------------------|--|---|--|--|
| Michigan Medicine University Hospital South Central Sterile Processing Department Scope Reprocessing Center Ann Arbor Architects Collaborative | \$ | 5,100,000 | May-17 | Jun-18 | Jan-18 | Health System resources |
| North Campus Recreation Building Renovation Integrated Design Solutions in association with RDG Planning and Design | \$ | 17,400,000 | Jun-17 | Dec-18 | Dec-18 | Student Life Student Fee for Facility Renewal |
| School of Social Work Building East Wing Renovations UM-AEC | \$ | 4,400,000 | Nov-17 | Dec-18 | Dec-18 | School of Social Work resources |
| Space Research Laboratory Building Lobby Improvements Gensler | \$ | 2,200,000 | Dec-16 | Dec-17 | Mar-18 | College of Engineering resources |
| William Monroe Trotter Multicultural Center Hanbury | \$ | 10,000,000 | Jul-17 | Dec-18 | Mar-19 | Investment proceeds |
| West Hall Renovations for the Department of Naval Architecture and Marine Engineering Harley Ellis Devereaux | \$ | 2,200,000 | Jul-17 | Dec-17 | Mar-18 | College of Engineering resources and gifts |