

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 months of December 2017 and January 2018.

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

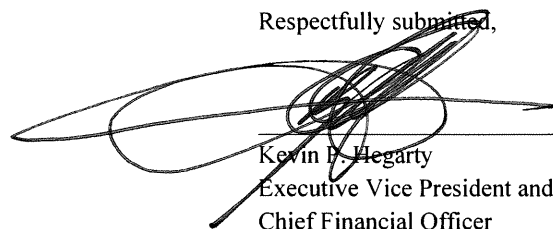
- George Granger Brown Memorial Laboratories First and Third Floor Laboratory Renovations
- Central Power Plant Boilers 3 and 4 Efficiency and Reliability Improvements
- East Hall Exterior Repairs
- Law Quad Infrastructure Improvements
- Medical Science Unit II Clinical Simulation Suite and Classrooms
- Michigan Medicine 300 North Ingalls Building Roof Replacement
- North Campus Research Complex Building 550 University Collections Relocation Renovations
- Bennie Oosterbaan Field House Football Performance Center and Infrastructure Improvements
- Parking Lot NC92 Reconstruction and Ring Road Modifications
- Thomas Henry Simpson Memorial Institute for Medical Research Infrastructure Improvements
- Utility Tunnel Reinforcement Dental Building Area

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

- Michigan Medicine University Hospital South Roof Replacement

Also attached is the quarterly report on construction activities between \$500,000 and \$3,000,000 that were completed during the period of October 1 through December 31, 2017.

Respectfully submitted,



Kevin P. Hegarty
Executive Vice President and
Chief Financial Officer

February 2018
Attachment

PROJECTS IN PLANNING

Status as of January 22, 2018

February 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
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>		
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

PROJECTS IN PLANNING

Status as of January 22, 2018

February 2018

<u>Project</u>	<u>Proposed Project Budget</u>	<u>Source of Funds</u>
<u>WORKING DRAWINGS IN PREPARATION</u>		
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
Michigan Medicine C.S. Mott Children's and Von Voigtlander Women's Hospitals Central Sterile Processing Department Renovations Niagara Murano	\$ 1,100,000	Health System resources
Michigan Medicine A. Alfred Taubman Health Care Center Air Handling Equipment Replacement Integrated Design Solutions	\$ 2,500,000	Health System resources
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

PROJECTS IN PLANNING

Status as of January 22, 2018

February 2018

<u>Project</u>	<u>Proposed Project Budget</u>	<u>Source of Funds</u>
<u>WORKING DRAWINGS IN PREPARATION</u>		
North Campus Research Complex Buildings 20 and 25 Laboratory Renovation SmithGroupJJR	\$ 78,500,000	Medical School resources
Robotics Laboratory Harley Ellis Devereaux	\$ 75,000,000	College of Engineering resources, gifts, and a lump sum contribution by Ford Motor Company
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
<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 January 22, 2018

February 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
George Granger Brown Memorial Laboratories First and Third Floor Laboratory Renovations Fishbeck, Thompson, Carr & Huber	\$ 1,600,000	Jul-17	Dec-17	Jan-18	College of Engineering 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 Boilers 3 and 4 Efficiency and Reliability Improvements Affiliated Engineers	\$ 3,250,000	Sep-16	Dec-17	Dec-17	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
East Hall Exterior Repairs Simpson Gumpertz & Heger	\$ 1,600,000	Jun-17	Dec-17	Dec-17	General Fund resources

ACTIVE CONSTRUCTION PROJECTS

Status as of January 22, 2018

February 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>
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
Law Quad Infrastructure Improvements Beckett and Raeder	\$	6,200,000	Apr-17	Dec-17	Dec-17	Utility resources and investment proceeds
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
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
Medical Science Unit II Clinical Simulation Suite and Classrooms UM-AEC	\$	4,750,000	Jun-17	Dec-17	Jan-18	Medical School resources
Michigan Medicine 300 North Ingalls Building Roof Replacement Tower Pinkster Titus Associates	\$	1,500,000	Jul-17	Jun-18	Nov-17	Health System resources and General Fund resources

ACTIVE CONSTRUCTION PROJECTS

Status as of January 22, 2018

February 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>
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 Domestic Hot Water Heaters and Booster Systems Replacement MA Engineering	\$ 1,800,000	Oct-17	Mar-18	Mar-18	Health System resources
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	Mar-18	Health System resources

ACTIVE CONSTRUCTION PROJECTS

Status as of January 22, 2018

February 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>
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
Michigan Medicine University Hospital South Central Sterile Processing Department Scope Reprocessing Center Ann Arbor Architects Collaborative	\$ 5,100,000	May-17	Jun-18	Jun-18	Health System resources

ACTIVE CONSTRUCTION PROJECTS

Status as of January 22, 2018

February 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>
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
North Campus Research Complex Building 550 University Collections Relocation Renovations SmithGroupJJR	\$	3,800,000	Oct-16	Mar-17	Dec-17	Office of the Provost resources
Bennie Oosterbaan Field House Football Performance Center and Infrastructure Improvements Kohn Pedersen Fox Associates in association with HNTB	\$	21,000,000	Jul-17	Mar-18	Jan-18	Athletic Department resources and gifts
Parking Lot NC92 Reconstruction and Ring Road Modifications Fishbeck, Thompson, Carr & Huber	\$	4,900,000	Jun-17	Jun-18	Nov-17	Logistics, Transportation & Parking resources and Medical School resource
School of Social Work Building East Wing Renovations UM-AEC	\$	4,400,000	Nov-17	Dec-18	Dec-18	School of Social Work resources
Thomas Henry Simpson Memorial Institute for Medical Research Infrastructure Improvements UM-AEC	\$	1,200,000	Jun-17	Dec-17	Nov-17	Medical School resources

ACTIVE CONSTRUCTION PROJECTS

Status as of January 22, 2018

February 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>
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
Utility Tunnel Reinforcement Dental Building Area Commonwealth Associates	\$	2,400,000	Mar-16	Dec-17	Dec-17	Utility resources
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

**THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION**

REGENTS QUARTERLY REPORT

Completed Projects between \$500,000 and \$3,000,000

October 1 through December 31, 2017

<u>Building Name</u>	<u>Project Description</u>	<u>Final Cost</u>
Medical Science Unit II	Air Handling Equipment Replacement	\$ 592,613
Medical Science Unit II	Renovations for Gross Anatomy	\$ 641,095
Michigan Medicine University Hospital	Kitchen Hood Replacement	\$ 618,000
Michigan Medicine University Hospital South	Psychiatric Office Renovation	\$ 501,479
One North Main	Tenant Improvements for Literature, Science, and the Arts Advancement	\$ 519,099
Samuel Trask Dana Building	Laboratory Renovations	\$ 579,675