

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 March 2017.

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

- Flint FirstMerit North Building Operational Separation
- Michigan Medicine Samuel and Jean Frankel Cardiovascular Center Hybrid Cardiac Catheterization Laboratory and Operating Room
- Michigan Medicine University Hospital Occupancy Sensors and Controls

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

Respectfully submitted,



Kevin P. Hegarty
Executive Vice President and
Chief Financial Officer

April 2017
Attachment

PROJECTS IN PLANNING
April 2017

Status as of March 17, 2017

<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	\$ 122,000,000	FY17 Capital Outlay Request to the State of Michigan and Office of the Provost resources
Edward Henry Kraus Building Renovation and Addition Ballinger	\$ 120,000,000	Office of the Provost resources
North Campus Research Complex Buildings 20 and 25 Laboratory Renovation SmithGroupJJR	\$ 78,500,000	Medical School resources
Alexander G. Ruthven Museums Building Renovation and Addition Stecker Labau Arneill McManus Collaborative	\$ 150,000,000	Investment proceeds
<u>WORKING DRAWINGS IN PREPARATION</u>		
Central Power Plant 13,200 Volt Switchgear Upgrade Black & Veatch	\$ 23,000,000	Utility resources

PROJECTS IN PLANNING
April 2017

Status as of March 17, 2017

<u>Project</u>	<u>Proposed Project Budget</u>	<u>Source of Funds</u>
<u>WORKING DRAWINGS IN PREPARATION</u>		
Central Power Plant Fire Protection System for Steam Turbines UM-AEC	\$ 1,900,000	Utility resources
Law Quad Infrastructure Improvements Beckett and Raeder	\$ 6,200,000	Utility resources and investment proceeds
Literature, Science, and the Arts Building First Floor Renovation and Addition SmithGroupJJR	\$ 35,000,000	College of Literature, Science, and the Arts resources
Michigan Medicine Arbor Lakes Building 2 Office Renovation Ann Arbor Architects Collaborative	\$ 1,420,000	Health System resources
Michigan Medicine University Hospital South Central Sterile Processing Department Scope Reprocessing Center Ann Arbor Architects Collaborative	\$ 5,100,000	Health System resources
Michigan Medicine University Hospital South Roof Replacement Niagara Murano	\$ 2,700,000	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

PROJECTS IN PLANNING
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<u>WORKING DRAWINGS IN PREPARATION</u>		
Michigan Medicine University Hospital Central Sterile Processing Lift Replacement Integrated Design Solutions	\$ 1,200,000	Health System resources
Michigan Medicine University Hospital Magnetic Resonance Imaging Equipment Replacement Integrated Design Solutions	\$ 4,900,000	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
North Campus Recreation Building Renovation Integrated Design Solutions in association with RDG Planning and Design	\$ 17,400,000	Student Life Student Fee for Facility Renewal
Bennie Oosterbaan Field House Football Performance Center and Infrastructure Improvements Kohn Pedersen Fox Associates in association with HNTB	\$ 21,000,000	Athletic Department resources and gifts
Robotics Laboratory Harley Ellis Devereaux	\$ 75,000,000	College of Engineering resources and gifts and a lump sum contribution by Ford Motor Company

PROJECTS IN PLANNING

April 2017

Status as of March 17, 2017

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<u>WORKING DRAWINGS IN PREPARATION</u>		
William Monroe Trotter Multicultural Center Hanbury	\$ 10,000,000	Investment proceeds
<u>Dearborn</u>		
<u>ARCHITECT APPOINTED</u>		
Engineering Lab Building Replacement SmithGroupJJR	\$ 90,000,000	FY17 Capital Outlay Request to the State of Michigan and University of Michigan- Dearborn resources
<u>WORKING DRAWINGS IN PREPARATION</u>		
Mardigian Library Galleries Center Quinn Evans Architects	\$ 1,600,000	University of Michigan- Dearborn resources and gifts
<u>Flint</u>		
<u>ARCHITECT APPOINTED</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 March 17, 2017

April 2017

<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> Art and Architecture Building A. Alfred Taubman Wing Project Integrated Design Solutions in collaboration with Preston Scott Cohen	\$ 28,500,000	Nov-15	Dec-17	Dec-17	Gifts, investment proceeds, and A. Alfred Taubman College of Architecture and Urban Planning resources
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 Laboratory Renovation UM-AEC	\$ 1,200,000	Feb-17	Jun-17	Jun-17	College of Engineering resources
Joseph Aldrich and Marguerite Knowlton Bursley Hall Window Replacement UM-AEC	\$ 4,900,000	Dec-16	Dec-17	Dec-17	Housing 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	\$ 1,200,000	Jun-16	Dec-17	Dec-17	Utility resources

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Status as of March 17, 2017

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Chemistry Building and Willard H. Dow Laboratory Renovations for the Department of Chemistry Fishbeck, Thompson, Carr & Huber	\$ 2,700,000	Jun-16	Jun-17	Jun-17	College of Literature, Science, and the Arts resources
College of Pharmacy Building Electrical Substation Replacement SmithGroupJJR	\$ 1,600,000	Nov-15	Sep-17	Sep-17	Investment proceeds
Glen Avenue Parking Structure Elevator Replacement and Improvements UM-AEC	\$ 3,000,000	Aug-14	Dec-15	Jun-17	Parking resources
Institute for Social Research Wing Two Elevators Replacement UM-AEC	\$ 1,400,000	Oct-16	Dec-17	Dec-17	General Fund resources
Walter E. Lay Automotive Engineering Laboratory Dynamometer Installation MA Engineering	\$ 1,150,000	Jun-16	Dec-16	Jun-17	College of Engineering resources
Walter E. Lay Automotive Engineering Laboratory Infrastructure and Interior Improvements Ann Arbor Architects Collaborative	\$ 2,900,000	Jan-16	Dec-17	Dec-17	College of Engineering resources
Michigan Medicine Brighton Health Center South HKS Architects	\$ 175,000,000	Sep-16	Sep-18	Sep-18	Health System resources

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Michigan Medicine Samuel and Jean Frankel Cardiovascular Center Electrophysiology Laboratory Replacement SmithGroupJJR	\$	4,200,000	Feb-17	Sep-17	Sep-17	Health System resources
Michigan Medicine Samuel and Jean Frankel Cardiovascular Center Hybrid Cardiac Catheterization Laboratory and Operating Room Niagara Murano	\$	14,800,000	Mar-16	Jun-17	Feb-17	Health System resources and gifts
Michigan Medicine C.S. Mott Children's and Von Voigtlander Women's Hospitals Medical Vacuum and Medical Air Front End System Harley Ellis Devereaux	\$	1,800,000	Dec-16	Jun-17	Jun-17	Health System resources
Michigan Medicine Multiple Buildings Pneumatic Tube System Communication Network Upgrade Berbiglia Associates	\$	1,200,000	Jan-17	Sep-17	Sep-17	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

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Michigan Medicine A. Alfred Taubman Health Care Center Central Cardiac Monitoring Niagara Murano	\$ 5,000,000	Jan-17	Sep-17	Sep-17	Health System resources
Michigan Medicine University Hospital Fire Detection and Alarm System Update UM-AEC	\$ 3,000,000	May-16	Jun-17	Jun-17	Health System resources
Michigan Medicine University Hospital Interventional Radiology Equipment Replacement Integrated Design Solutions	\$ 3,500,000	Oct-16	Jun-17	Jun-17	Health System resources
Michigan Medicine University Hospital Occupancy Sensors and Controls MA Engineering	\$ 3,000,000	Jan-16	Sep-16	Mar-17	Health System resources
Michigan Medicine University Hospital Radiation Oncology Linear Accelerator Replacement Integrated Design Solutions	\$ 6,810,000	Oct-16	Jun-17	Jun-17	Health System resources
Michigan Medicine University Hospital South Air Handling Unit Upgrades Fishbeck Thompson Carr & Huber	\$ 2,700,000	Sep-16	Jun-17	Jun-17	Health System resources
Michigan Medicine University Hospital South Faculty Office Renovations Tower Pinkster Titus Associates	\$ 8,200,000	Jan-17	Sep-17	Sep-17	Health System resources

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Michigan Medicine West Ann Arbor Health Center Project and Design Management and O X Studio	\$ 46,000,000	Jul-16	Dec-17	Dec-17	Health System resources
North Campus Research Complex Buildings 40 and 50 Demolition SmithGroupJJR	\$ 1,500,000	Dec-16	Jun-17	Jun-17	Medical School resources
North Campus Research Complex Building 80 North Cooling Tower Replacement Peter Basso and Associates	\$ 3,000,000	Nov-16	Dec-17	Dec-17	Medical School resources
North Campus Research Complex Building 550 University Collections Relocation Renovations SmithGroupJJR	\$ 3,800,000	Oct-16	Mar-17	May-17	Office of the Provost resources
Nuclear Engineering Laboratory Renovation SmithGroupJJR	\$ 12,000,000	Sep-15	Jun-17	Jun-17	College of Engineering resources
Richard L. Postma Family Clubhouse Partners & Sirny	\$ 15,000,000	Jan-16	Jun-17	Jun-17	Athletic Department resources and gifts
William D. Revelli Band Rehearsal Hall Facility Improvements UM-AEC	\$ 1,900,000	Mar-17	Dec-17	Dec-17	Investment proceeds
Stephen M. Ross Athletic Campus Athletics South Competition and Performance Project TMP Architecture	\$ 168,000,000	Dec-15	Mar-18	Mar-18	Athletic Department resources and gifts

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Space Research Laboratory Building Lobby Improvements Gensler	\$ 2,200,000	Dec-16	Dec-17	Dec-17	College of Engineering resources
Utility Tunnel Reinforcement Dental Building Area Commonwealth Associates	\$ 2,400,000	Mar-16	Dec-17	Dec-17	Utility resources
Weiser Hall Renovation Diamond Schmitt Architects	\$ 49,000,000	Nov-15	Sep-17	Sep-17	College of Literature, Science, and the Arts resources and investment proceeds
Sam Wyly Hall Renovations for Executive Education and the William Davidson Institute UM-AEC	\$ 5,100,000	Nov-16	Dec-17	Dec-17	Stephen M. Ross School of Business resources and William Davidson Institute resources
<u>Dearborn</u> Manufacturing Systems Engineering Laboratory Renovation for Professional and Student Shops SmithGroupJJR	\$ 2,100,000	Sep-16	Jun-17	Jun-17	University of Michigan- Dearborn resources
<u>Flint</u> FirstMerit North Building Operational Separation Harley Ellis Devereaux	\$ 2,500,000	Jun-16	Dec-16	Mar-17	University of Michigan- Flint resources

THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION

REGENTS QUARTERLY REPORT
Completed Projects between \$500,000 and \$1,000,000
January 1 through March 31, 2017

<u>Building Name</u>	<u>Project Description</u>	<u>Amount</u>
Burton Memorial Tower	Infrastructure Improvements	\$ 650,558
McKinley Towne Centre I	Tenant Improvements for Stamps School of Art & Design	\$ 946,406
Tunnels	Structural Repairs - Harrison M. Randall Laboratory and Weiser Hall Site	\$ 539,965
University Hospital South	Chilled and Hot Water Component Replacement	\$ 750,000
UM-Dearborn Modular Research Laboratory	Temporary Modular Research Laboratory	\$ 519,979