

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 July and August 2017.

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

- Art and Architecture Building A. Alfred Taubman Wing Project
- Joseph Aldrich and Marguerite Knowlton Bursley Hall Window Replacement
- Central Power Plant Chimney Stack Refurbishment
- Chemistry Building and Willard H. Dow Laboratory Renovations for the Department of Chemistry
- Michigan Medicine Arbor Lakes Building 2 Office Renovation
- Michigan Medicine Samuel and Jean Frankel Cardiovascular Center Electrophysiology Laboratory Replacement
- Michigan Medicine C.S. Mott Children's and Von Voigtlander Women's Hospitals Medical Vacuum and Medical Air Front End System
- Michigan Medicine Multiple Buildings Pneumatic Tube System Communication Network Upgrade
- Michigan Medicine University Hospital Fire Detection and Alarm System Update
- Michigan Medicine University Hospital Radiation Oncology Linear Accelerator Replacement
- North Campus Research Complex Building 80 North Cooling Tower Replacement
- Weiser Hall Renovation
- Sam Wyly Hall Renovations for Executive Education and the William Davidson Institute

Respectfully submitted,



Kevin P. Hegarty
Executive Vice President and
Chief Financial Officer

PROJECTS IN PLANNING

September 2017

Status as of August 18, 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	\$ 140,000,000	FY17 Capital Outlay Request to the State of Michigan, Office of the Provost resources, School of Dentistry resources, and investment proceeds
Edward Henry Kraus Building Renovation and Addition Ballinger	\$ 120,000,000	Office of the Provost resources
Alexander G. Ruthven Museums Building Renovation and Addition Stecker Labau Arneill McManus Collaborative	\$ 150,000,000	Investment proceeds
Glenn E. Schembechler Hall Football Performance Center Kohn Pedersen Fox	\$ 14,800,000	Athletic Department resources and gifts
<u>WORKING DRAWINGS IN PREPARATION</u>		
Central Power Plant 13,200 Volt Switchgear Upgrade Black & Veatch	\$ 23,000,000	Utility resources

PROJECTS IN PLANNING

Status as of August 18, 2017

September 2017

<u>Project</u>	<u>Proposed Project Budget</u>	<u>Source of Funds</u>
<u>WORKING DRAWINGS IN PREPARATION</u>		
Central Power Plant	\$ 1,900,000	Utility resources
Fire Protection System for Steam Turbines UM-AEC		
Forest Avenue Switching Station Upgrades CDA Engineering	\$ 3,200,000	Utility resources
Literature, Science, and the Arts Building First Floor Renovation and Addition SmithGroupJJR	\$ 35,000,000	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	Logistics, Transportation & Parking 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 C.S. Mott Children's and Von Voigtlander Women's Hospitals Domestic Hot Water Heaters and Booster Systems Replacement MA Engineering	\$ 1,800,000	Health System resources
Michigan Medicine A. Alfred Taubman Health Care Center Air Handling Equipment Replacement Integrated Design Solutions	\$ 2,500,000	Health System resources

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September 2017

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<u>WORKING DRAWINGS IN PREPARATION</u>		
Michigan Medicine University Hospital Fire Detection and Alarm System Update UM-AEC	\$ 3,500,000	Health System resources
Michigan Medicine University Hospital South Roof Replacement Niagara Murano	\$ 2,700,000	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 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

PROJECTS IN PLANNING

September 2017

Status as of August 18, 2017

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<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>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 August 18, 2017

September 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	Jul-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 First and Third Floor Laboratory Renovations Fishbeck, Thompson, Carr & Huber	\$ 1,600,000	Jul-17	Dec-17	Dec-17	College of Engineering resources
George Granger Brown Memorial Laboratories Laboratory Renovation UM-AEC	\$ 1,200,000	Feb-17	Jun-17	Aug-17	College of Engineering resources
Joseph Aldrich and Marguerite Knowlton Bursley Hall Window Replacement UM-AEC	\$ 4,900,000	Dec-16	Dec-17	Jul-17	Housing resources
Central Power Plant Basement Drain Line Replacement Fishbeck, Thompson, Carr & Huber	\$ 1,900,000	Jul-17	Mar-19	Mar-19	Utility resources

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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	Jun-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
Chemistry Building and Willard H. Dow Laboratory Renovations for the Department of Chemistry Fishbeck, Thompson, Carr & Huber	\$ 2,700,000	Jun-16	Jun-17	Aug-17	College of Literature, Science and the Arts resources
East Hall Exterior Repairs Simpson Gumpertz & Heger	\$ 1,600,000	Jun-17	Dec-17	Dec-17	General Fund resources
Institute for Social Research Wing Two Elevators Replacement UM-AEC	\$ 1,400,000	Oct-16	Dec-17	Dec-17	General Fund resources
Law Quad Infrastructure Improvements Beckett and Raeder	\$ 6,200,000	Apr-17	Dec-17	Dec-17	Utility resources and investment proceeds

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Walter E. Lay Automotive Engineering Laboratory Dynamometer Installation MA Engineering	\$	1,150,000	Jun-16	Dec-16	Sep-17	College of Engineering resources
Medical Science Unit II Clinical Simulation Suite and Classrooms UM-AEC	\$	4,750,000	Jun-17	Dec-17	Dec-17	Medical School resources
Michigan Medicine 300 North Ingalls Building Roof Replacement Tower Pinkster Titus Associates	\$	1,500,000	Jul-17	Jun-18	Jun-18	Health System resources and General Fund resources
Michigan Medicine Arbor Lakes Building 2 Office Renovation Ann Arbor Architects Collaborative	\$	1,420,000	May-17	Dec-17	Aug-17	Health System 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 Electrophysiology Laboratory Replacement SmithGroupJJR	\$	4,200,000	Feb-17	Sep-17	Jul-17	Health System resources

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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 Fetal Diagnostic Center Expansion Niagara Murano	\$ 2,000,000	Jul-17	Mar-18	Mar-18	Health System resources
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	Jul-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
Michigan Medicine University Hospital Central Sterile Processing Lift Replacement Integrated Design Solutions	\$ 1,200,000	May-17	Jun-18	Jun-18	Health System resources

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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 Magnetic Resonance Imaging Equipment Replacement Integrated Design Solutions	\$ 4,900,000	Aug-17	Dec-17	Dec-17	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 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 Central Sterile Processing Department Scope Reprocessing Center Ann Arbor Architects Collaborative	\$ 5,100,000	May-17	Jun-18	Jun-18	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
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

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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 Buildings 40 and 50 Demolition SmithGroupJJR	\$	1,500,000	Dec-16	Jun-17	Aug-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	Jun-17	Medical School resources
North Campus Research Complex Building 550 University Collections Relocation Renovations SmithGroupJJR	\$	3,800,000	Oct-16	Mar-17	Sep-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	Mar-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	Jun-18	Logistics, Transportation & Parking resources and Medical School resources
William D. Revelli Band Rehearsal Hall Facility Improvements UM-AEC	\$	1,900,000	Mar-17	Dec-17	Dec-17	Investment proceeds

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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
Thomas Henry Simpson Memorial Institute for Medical Research Infrastructure Improvements UM-AEC	\$	1,200,000	Jun-17	Dec-17	Dec-17	Medical School resources
Space Research Laboratory Building Lobby Improvements Gensler	\$	2,200,000	Dec-16	Dec-17	Dec-17	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
Weiser Hall Renovation Diamond Schmitt Architects	\$	49,000,000	Nov-15	Sep-17	Jul-17	College of Literature, Science and the Arts resources and investment proceeds
West Hall Renovations for the Department of Naval Architecture and Marine Engineering Harley Ellis Devereaux	\$	2,200,000	Jul-17	Dec-17	Dec-17	College of Engineering resources and gifts

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Sam Wyly Hall Renovations for Executive Education and the William Davidson Institute UM-AEC	\$ 5,100,000	Nov-16	Dec-17	Jul-17	Stephen M. Ross School of Business resources and William Davidson Institute resources