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 2014.

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 Mechanical Engineering Addition
- William W. Cook Legal Research Library Attic Insulation and Ninth Floor Roofing Replacement
- · Dearborn Engineering Laboratory Building Expansion for Bioengineering
- New Field Hockey Team Center, New Field Hockey Stadium, and Ocker Field Improvements
- · Pierpont Commons Café Renovation
- · President's Residence Infrastructure Renovation
- · Regional Chiller Plant for South and West Quadrangles and the Michigan Union
- · South Quadrangle Renovation

Respectfully submitted,

Douglas (L. Strong () Interim Executive Vice President and Chief Financial Officer

September 2014 Attachment

PROJECTS IN PLANNING September 2014

| Project | <u>P</u> | Proposed roject Budget | Source of Funds |
|--|----------|---------------------------|--|
| Ann Arbor ARCHITECT APPOINTED Art and Architecture Building Renovation and A. Alfred Taubman Wing Integrated Design Solutions in collaboration with Preston Scott | \$ | 28,000,000 | Gifts, investment proceeds, and A. Alfred Taubman College of Architecture and Urban Planning resources |
| Biological Science Building SmithGroupJJR | \$ | 261,000,000 | College of Literature, Science, and the Arts resources and Office of the Provost resources |
| David M. Dennison Building Renovation Diamond Schmitt Architects | \$ | 49,000,000 | College of Literature, Science, and the Arts resources and investment proceeds |
| North Campus Grove Stoss | \$ | 6,900,000 | Gifts and College of Engineering resources |
| Richard L. Postma Family Clubhouse Partners & Sirny Architects | \$ | 12,000,000 | Athletic Department resources and gifts |
| Transportation Operations and Maintenance Facility URS | \$ | 38,500,000 | Parking resources |
| WORKING DRAWINGS IN PREPARATION Department of Intercollegiate Athletics Operations Center Niagara Murano | \$ | 6,000,000 | Athletic Department resources |

PROJECTS IN PLANNING September 2014

| Project | Proposed oject Budget | Source of Funds |
|---|--------------------------|---|
| WORKING DRAWINGS IN PREPARATION East Hall Masonry Cornice and Window Soffit Repairs Wiss, Janney, Elstner Associates | \$ 1,600,000 | General Fund resources |
| Glen Avenue Parking Structure Elevator Replacement and Improvements UM-AEC | \$ 3,000,000 | Parking resources |
| James and Anne Duderstadt Center Roof Replacement UM-AEC | \$ 2,200,000 | General Fund resources |
| Nuclear Engineering Laboratory Renovation SmithGroupJJR | \$ 11,400,000 | College of Engineering resources |
| UMHHC C.S. Mott Children's and Von Voigtlander Women's Hospitals Renovations for Child and Adolescent Psychiatric Hospital Relocation HKS Architects | \$ 10,900,000 | Hospitals and Health Centers' resources and gifts |
| W. K. Kellogg Eye Center Renovation for Clinical Research UM-AEC | \$ 2,600,000 | Medical School resources |

PROJECTS IN PLANNING September 2014

| Project | Proposed <u>Project Budget</u> | Source of Funds |
|--|-----------------------------------|--|
| Flint WORKING DRAWINGS IN PREPARATION | | |
| Northbank Center | \$ 1,700,000 | University of Michigan-Flint resources and |
| United States Drug Enforcement Administration Lease Buildout Niagara Murano | | the United States Drug Enforcement Administration |

September 2014

| <u>Project</u> Ann Arbor | Project <u>Budget</u> | Date Construction <u>Started</u> | Original Completion <u>Date</u> | Current Completion <u>Date</u> | Source of Funds |
|---|--------------------------|--|---------------------------------------|--------------------------------------|--|
| George Granger Brown Memorial Laboratories Mechanical Engineering Addition Perkins + Will and Integrated Design Solutions | \$ 46,000,000 | Apr-12 | Sep-14 | Jun-14 | College of Engineering resources, gifts, investment proceeds, and a construction grant from the National Institute of Standards and Technology |
| George Granger Brown Memorial Laboratories Renovation Integrated Design Solutions | \$ 47,000,000 | Jul-14 | Sep-16 | Sep-16 | FY11 capital outlay request to the State of Michigan, investment proceeds, College of Engineering resources, and Office of the Provost resources |
| Central Campus Area Utility Tunnel Reinforcement Commonwealth Associates | \$ 1,800,000 | Apr-14 | Dec-14 | Dec-14 | Utility resources |
| Central Power Plant Feed Water System Deaerator Upgrade Burns & McDonnell | \$ 5,750,000 | Apr-13 | Dec-14 | Dec-14 | Utility resources |
| William L. Clements Library Infrastructure Improvements and Addition SmithGroupJJR | \$ 16,800,000 | Feb-14 | Dec-15 | Dec-15 | Gifts and investment proceeds |
| William W. Cook Legal Research Library Attic Insulation and Ninth Floor Roofing Replacement UM-AEC | \$ 1,700,000 | Mar-14 | Dec-14 | Aug-14 | General Fund resources |

September 2014

Status as of August 22, 2014

| | Project | Date Construction | Original Completion | Current Completion | |
|--|---------------------------|--------------------------|------------------------|-----------------------|--|
| <u>Project</u> Dental Building to Palmer Commons Chilled Water Interconnection OHM Advisors | \$ Budget 3,000,000 | <u>Started</u> Jul-14 | Date Jun-15 | Date Jun-15 | Source of Funds Investment proceeds |
| Harlan Hatcher Graduate Library Life Safety Upgrades UM-AEC in collaboration with SmithGroupJJR | \$ 3,000,000 | Feb-14 | Dec-14 | Dec-14 | Investment proceeds |
| Elmer D. Mitchell Field Improvements SmithGroupJJR | \$ 8,000,000 | Apr-14 | Dec-14 | Dec-14 | Investment proceeds |
| Earl V. Moore Building Renovation and Brehm Pavilion Integrated Design Solutions | \$ 24,320,000 | Apr-14 | Dec-15 | Dec-15 | Investment proceeds and gifts |
| Mobility Transformation Facility Mannik Smith Group | \$ 6,500,000 | Jun-14 | Dec-14 | Dec-14 | College of Engineering, Office of Research, University of Michigan Transportation Research Institute, Office of the Provost, and a grant from the State of Michigan Department of Transportation |
| Munger Graduate Residences Integrated Design Solutions in collaboration with Hartman-Cox Architects | \$ 185,000,000 | Oct-13 | Sep-15 | Sep-15 | Gift and Housing resources |
| New Field Hockey Team Center, New Field Hockey Stadium, and Ocker Field Improvements Integrated Architecture | \$ 13,500,000 | Nov-13 | Sep-14 | Jul-14 | Athletic Department resources and gifts |

September 2014

Status as of August 22, 2014

| | Project | Date Construction | Original Completion | Current Completion | |
|--|---------------------------|----------------------|------------------------|-----------------------|---|
| <u>Project</u> North Campus Research Complex Building 10 Air Handling Unit Replacement Harley Ellis Devereaux | \$ Budget 4,300,000 | Started Jul-13 | <u>Date</u> Jun-14 | Date Sep-14 | Source of Funds Medical School resources |
| North Campus Research Complex Buildings 10 and 14 Renovations for the Institute for Healthcare Policy and Innovation UM-AEC | \$ 4,300,000 | Jul-14 | Dec-15 | Dec-15 | Medical School resources |
| North Campus Research Complex Building 28 Renovations for the College of Engineering UM-AEC | \$ 2,300,000 | May-14 | Dec-14 | Dec-14 | College of Engineering resources and Medical School resources |
| North Campus Research Complex Building 80 Switchgear Replacement Harley Ellis Devereaux | \$ 3,100,000 | Sep-13 | Sep-14 | Sep-14 | Medical School resources |
| Pierpont Commons Café Renovation SHW Group | \$ 5,300,000 | Apr-14 | Dec-14 | Aug-14 | Investment proceeds and Student Life resources |
| Power Center for the Performing Arts Improvements SmithGroupJJR | \$ 1,500,000 | Apr-14 | Jun-15 | Jun-15 | Investment proceeds |
| President's Residence Infrastructure Renovation UM-AEC | \$ 1,300,000 | Mar-14 | Sep-14 | Aug-14 | Investment proceeds |
| Horace H. Rackham School of Graduate Studies Infrastructure Improvements UM-AEC in conjunction with Simpson Gumpertz & Heger | \$ 2,400,000 | May-14 | Dec-15 | Dec-15 | Investment proceeds |

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| Project Harrison M. Randall Laboratory Air Handling Upgrades Peter Basso and Associates | \$ Project <u>Budget</u> 2,500,000 | Date Construction <u>Started</u> May-14 | Original Completion <u>Date</u> Dec-14 | Current Completion <u>Date</u> Dec-14 | Source of Funds College of Literature, Science, and the Arts resources and General Fund resources |
|---|---|--|---|--|---|
| Regional Chiller Plant for South and West Quadrangles and the Michigan Union SmithGroupJJR in collaboration with Integrated Design Solutions | \$ 8,500,000 | May-13 | Sep-14 | Jul-14 | Housing resources |
| Stephen M. Ross School of Business Kresge Business Administration Library Renovation, Computer and Executive Education Building Demolition, New Academic Building, and Exterior Cladding Project Kohn Pedersen Fox Associates | \$ 135,000,000 | Apr-14 | Dec-16 | Dec-16 | Gifts and investment proceeds |
| School of Education Renovation SHW Group | \$ 13,600,000 | Dec-13 | Dec-15 | Dec-15 | Investment proceeds |
| School of Nursing New Building RDG Planning and Design | \$ 50,000,000 | Sep-13 | Dec-15 | Dec-15 | Investment proceeds |
| South Quadrangle Renovation SmithGroupJJR | \$ 60,000,000 | May-13 | Sep-14 | Jul-14 | Housing resources |
| A. Alfred Taubman Health Sciences Library Renovation TMP Architecture Inc. in collaboration with Ballinger | \$ 55,000,000 | Dec-13 | Dec-15 | Dec-15 | Medical School resources |
| UMHHC Domino's Farms Leasehold Improvements for Wound Care Program Expansion ₁ | \$ 2,340,000 | Oct-13 | Sep-14 | Sep-14 | Hospitals and Health Centers' resources |

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Status as of August 22, 2014

| Project UMHHC C.S. Mott Children's and Von Voigtlander Women's Hospital Shell Space Utilization for New Operating Room HKS | \$ Project <u>Budget</u> 4,500,000 | Date Construction <u>Started</u> Jun-14 | Original Completion <u>Date</u> Mar-15 | Current Completion <u>Date</u> Mar-15 | Source of Funds Hospitals and Health Centers' resources |
|--|---|--|---|--|---|
| UMHHC Neuroscience Hospital Renovation for Electroencephalography and Electromyography Clinics Relocation Project and Design Management | \$ 2,600,000 | Apr-14 | Dec-14 | Dec-14 | Hospitals and Health Centers' resources |
| UMHHC A. Alfred Taubman Health Care Center Department of Emergency Medicine Renovation Niagara Murano | \$ 2,700,000 | May-14 | Jun-15 | Jun-15 | Hospitals and Health Centers' resources |
| UMHHC University Hospital Adult Emergency Department Critical Care Unit Niagara Murano | \$ 7,000,000 | Jul-14 | Sep-15 | Sep-15 | Hospitals and Health Centers' resources |
| UMHHC University Hospital and A. Alfred Taubman Health Care Center Fire Alarm Upgrades SimplexGrinnell | \$ 3,000,000 | Oct-12 | Sep-13 | Sep-14 | Hospitals and Health Centers' resources |
| Varsity Drive Building Dry Collections Relocation Renovations SmithGroupJJR | \$ 27,450,000 | May-14 | Mar-15 | Mar-15 | College of Literature, Science, and the Arts resources |
| West Hall Renovation for the College of Literature, Science, and the Arts Quinn Evans Architects | \$ 5,500,000 | Oct-13 | Sep-14 | Sep-14 | College of Literature, Science, and the Arts resources |

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| Project West Quadrangle and Michigan Union-Cambridge House Renovation Integrated Design Solutions | \$ Project <u>Budget</u> 114,500,000 | Date Construction <u>Started</u> May-14 | Original Completion <u>Date</u> Sep-16 | Current Completion <u>Date</u> Sep-16 | Source of Funds Housing resources |
|---|---|--|---|--|--|
| <u>Dearborn</u> Academic Support Center Renovations Integrated Design Solutions | \$ 3,540,000 | Jan-14 | Mar-15 | Mar-15 | University of Michigan- Dearborn resources |
| Engineering Laboratory Building Expansion for Bioengineering Integrated Design Solutions | \$ 1,720,000 | Apr-14 | Sep-14 | Aug-14 | University of Michigan- Dearborn resources |
| Science Building Computing Wing Renovations Integrated Design Solutions | \$ 4,820,000 | Jan-14 | Mar-15 | Jun-15 | University of Michigan- Dearborn resources |
| Science Building and Computer Information Science Building Renovation SHW Group | \$ 51,000,000 | Feb-14 | Sep-16 | Sep-16 | FY11 capital outlay request to the State of Michigan and University of Michigan-Dearborn resources |
| <u>Flint</u> William R. Murchie Science Building Renovation SmithGroupJJR | \$ 22,170,000 | Jan-14 | Dec-15 | Dec-15 | FY11 capital outlay request to the State of Michigan and University of Michigan-Flint resources |

¹ Project managed by lessor