

THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION
ITEM FOR INFORMATION

EXH	MOTION
	SECOND
	ACTION APPROVED BY THE REGENTS
NOTE:	JUL 21 2005
	<i>Consent agenda</i>

Subject: Plant Extension

Background and Summary:

Construction activities on University projects continued as scheduled during the month of June 2005, except as indicated by footnotes.


The attached schedules update information concerning projects in planning and projects under construction.

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

- Campus Communications Infrastructure Replacement/Expansion - North Campus to East Campus at Arbor Lakes
- Medical Science Building I Replace Twin Elevators
- Utility Tunnel Piping Project - Central Power Plant to Victor Vaughan Building

Also attached is the Quarterly Report on construction activities between \$400,000 and \$500,000 that began during the period of April 1 through June 30, 2005.

Respectfully submitted,


Timothy P. Slottow
Executive Vice President and
Chief Financial Officer

July 2005
Attachment

PROJECTS IN PLANNING

July 2005

Status as of June 20, 2005

<u>Project</u>	<u>Proposed Project Budget</u>	<u>Source of Funds</u>
<u>Ann Arbor</u>		
<u>PROGRAM PLANNING – Not yet submitted</u>		
Kellogg Eye Center Addition The Stubbins Associates, Inc.	\$ TBD	TBD
<u>ARCHITECT APPOINTED</u>		
Hill Dining Center Goody Clancy & Associates	\$ 21,000,000	Housing resources and investment proceeds
Law School Addition and Renovation Renzo Piano Building Workshop	\$ TBD	Law School resources and gifts
Mosher-Jordan Hall Renovation Goody Clancy & Associates	\$ 44,100,000	Housing resources and investment proceeds
North Quad Residential and Academic Complex Einhorn Yaffee Prescott, Architecture & Engineering, P.C.	\$ 137,000,000	Resources from Housing, the Provost Office, the College of Literature, Science, and the Arts, and investment proceeds
Stephen M. Ross School of Business Facilities Enhancement Project Kohn Pedersen Fox Associates	\$ 145,000,000	Ross School of Business resources and gifts
UMHHC C. S. Mott Children's and Women's Hospitals Replacement Project HKS Architects, P.C.	\$ 498,000,000	Hospitals and Health Centers' resources and gifts

PROJECTS IN PLANNING

July 2005

Status as of June 20, 2005

<u>Project</u>	<u>Proposed Project Budget</u>	<u>Source of Funds</u>
<u>ARCHITECT APPOINTED</u>		
Student Publications Finegold Alexander + Associates Inc.	TBD	Central Administration, Student Publications resources, and gifts
<u>WORKING DRAWINGS IN PREPARATION</u>		
James B. Angell Hall Computing Center Heating, Ventilation, and Air Conditioning Upgrades Plant Extension - AEC ⁱ	\$ 610,000	College of Literature, Science, and the Arts and General Fund resources
James B. Angell Hall Office of Student Academic Affairs Renovations Plant Extension - AEC ⁱ	\$ 3,500,000	College of Literature, Science, and the Arts resources and gifts
Biomedical Sciences Research Building Flow Cytometry Core and Microscopy and Image-Analysis Laboratory Relocation Plant Extension - AEC ⁱ	\$ 1,300,000	Medical School resources
W.K. Kellogg Institute and Dental Building Fire Alarm System Upgrade and Install Fire Suppression System Plant Extension - AEC ⁱ	\$ 2,600,000	Investment proceeds
Ford Nuclear Reactor Decommissioning CH2M Hill	\$ 9,800,000	Investment proceeds

PROJECTS IN PLANNING

Status as of June 20, 2005

July 2005

<u>Project</u>	<u>Proposed Project Budget</u>	<u>Source of Funds</u>
<u>WORKING DRAWINGS IN PREPARATION</u>		
Harlan Hatcher Graduate Library Central Chiller Plant and Substation Replacement DiClemente Siegel Design Inc. and Plant Extension – AEC ⁱ	\$ 6,800,000	Utility and General Fund resources
Intramural Sports Building Install Fire Suppression System Plant Extension - AEC ⁱ	\$ 1,350,000	Investment proceeds
Museum of Art Addition Allied Works Architecture	\$ 35,400,000	Gifts, Museum of Art resources, General Fund resources and investment proceeds
Newberry Hall - Kelsey Museum Addition and Renovation Hammond Beeby Rupert Ainge Architects, Inc.	\$ 8,200,000	Gifts and NEH grant
Observatory Lodge Renovation Einhorn Yaffee Prescott	\$ 11,500,000	State Building Authority, Division of Kinesiology resources and investment proceeds.
South Campus Power and Telecommunication Duct Extensions Plant Extension - AEC ⁱ	\$ 750,000	ITCom and Utility resources
UMHHC Chilled Water Loop Replacement Phase I Wolf Wineman	\$ 4,000,000	Hospitals and Health Centers' resources

PROJECTS IN PLANNING

Status as of June 20, 2005

July 2005

<u>Project</u>	<u>Proposed Project Budget</u>	<u>Source of Funds</u>
<u>WORKING DRAWINGS IN PREPARATION</u>		
UMHHC East Ann Arbor Computed Tomography and Magnetic Resonance Imaging Expansion Project Albert Kahn Associates	\$ 7,200,000	Hospitals and Health Centers' resources
UMHHC Food Service Equipment Replacement and Galley Renovation Ann Arbor Architects Collaborative	\$ 2,740,000	Hospitals and Health Centers' resources
UMHHC Med Inn Electrical Substation Replacement CFI Engineering, Inc.	\$ 1,600,000	Hospitals and Health Centers' resources
UMHHC Mott Children's Hospital Pediatric Cardiology Biplane Catheterization Laboratory HarleyEllis	\$ 4,245,000	Hospitals and Health Centers' resources
UMHHC Multiple Buildings - Bulk Oxygen System Shepley Bulfinch Richardson and Abbott	\$ 700,000	Hospitals and Health Centers' resources
UMHHC Pediatric Cardiology Sedation and Recovery Integrated Design Solutions, LLC	\$ 923,000	Hospitals and Health Centers' resources
UMHHC University Hospital Steam Sterilizer Project Engineering Specialties Group	\$ 1,443,000	Hospitals and Health Centers' resources
UMHHC University Hospital Exterior Weatherproofing Project Integrated Design Solutions	\$ 2,300,000	Hospitals and Health Centers' resources

PROJECTS IN PLANNING

Status as of June 20, 2005

July 2005

Project

Proposed
Project Budget

Source of Funds

WORKING DRAWINGS IN PREPARATION

UMHHC University Hospital Pharmacy Services Renovation A3C Collaborative Architecture	\$ 700,000	Hospitals and Health Centers' resources
UMHHC Vestibular Testing Center Equipment Replacement and Expansion Gunn Levine Architects	\$ 753,000	Hospitals and Health Centers' resources
Washington Street Utility Upgrade Cummins & Barnard	\$ 3,900,000	Utility and General Fund resources

NEW CONSTRUCTION PROJECTS

Status as of June 20, 2005

July 2005

<u>NEW CONSTRUCTION PROJECTS</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>					
202 South Thayer Building Project Diamond Schmitt Architects	\$ 18,000,000	Mar-05	Jul-06	Jul-06	Resources from the Provost Office, the College of Literature, Science, and the Arts, and investment proceeds
Advanced Technology Laboratories – Biomedical Engineering Project Zimmer Gunsul Frasca Partnership	\$ 20,000,000	Jan-04	Oct-06	Sep-06	College of Engineering resources and Whitaker Foundation grant
Ann Street Parking Structure Walker Parking Consultants, Inc.	\$ 13,000,000	Mar-05	Sep-06	Sep-06	Parking resources
Athletic Department Academic Center Jickling Lyman Powell Associates, Inc.	\$ 12,000,000	Jul-04	Dec-05	Dec-05	Athletic Department resources, gifts, and investment proceeds
Biomedical Science Research Building Chiller Plant Polshek Partnership LLP	\$ 13,500,000	Apr-02	Sep-05	Dec-05	Medical School resources
Biomedical Science Research Building Polshek Partnership LLP	\$ 220,000,000	Feb-02	Sep-05	Dec-05	Medical School resources and gifts

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July 2005

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Campus Communications Infrastructure Replacement/Expansion - North Campus to East Campus at Arbor Lakes Plant Extension – AEC ⁱ Phase I and II Completed	\$ 1,680,000	Jun-02	Phase III - Jul-05	Phase III - Jun-05	ITCom resources
Central Campus and Medical Center Electrical Substation and Underground Distribution System Plant Extension - AEC ⁱ with Montgomery Watson Harza Engineering, Inc.	\$ 17,000,000	Nov-04	Sep-05	Sep-05	Hospitals and Health Centers' and Utility resources
Central Power Plant Two Replacement Steam Turbines Plant Extension - AEC ⁱ	\$ 4,200,000	Mar-05	Jun-06	Jun-06	Utility resources
Central Campus South Steam Line DiClemente Siegel Design, Inc.	\$ 1,900,000	May-05	Mar-06	Mar-06	Utility resources
Chemistry Building Area Tunnel and Chamber Replacement Plant Extension - AEC ⁱ	\$ 2,250,000	May-05	Mar-06	Mar-06	Utility resources
Computer Science and Engineering Building Diamond and Schmitt Architects Inc.	\$ 40,000,000	Nov-03	Feb-06	Nov-05	College of Engineering resources and gifts

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Couzens Hall Fire Alarm System Upgrade Plant Extension - AEC ⁱ	\$ 950,000	Feb-05	Sep-05	Sep-05	Housing resources and investment proceeds
Crisler Arena Replace Underground Steam and Condensate Piping DiClemente Siegel Design, Inc.	\$ 980,000	Dec-04	Sep-05	Sep-05	Utility resources
Dental Building and W. K. Kellogg Institute Replace Elevators 4 and 5 Plant Extension - AEC ⁱ	\$ 800,000	Jul-04	Dec-05	Dec-05	General Fund resources
Dental Building and W. K. Kellogg Institute Third Floor Renovations Plant Extension - AEC ⁱ	\$ 750,000	Feb-05	Aug-05	Aug-05	Dental School and Provost Office resources
Electrical Engineering and Computer Science Bldg. Solid State Electronics Laboratory Addition and Renovation SmithGroup, Inc.	\$ 28,000,000	Apr-05	Mar-07	Mar-07	College of Engineering resources and gifts
Engineering Research Buildings I & II, Gerstacker Building, and School of Information North Building Boiler Replacement Plant Extension - AEC ⁱ	1,300,000	Apr-05	Mar-06	Mar-06	Utility resources

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Junge Family Champions Center (Events Center) Rossetti Associates	\$ 4,500,000	Jan-05	Nov-05	Nov-05	Athletic Department resources and gifts
E. H. Kraus Building Renovate Rooms 1003, 1009 and 1012A Plant Extension - AEC ⁱ	\$ 750,000	Feb-05	Dec-05	Dec-05	College of Literature, Science, and the Arts resources
E. H. Kraus Building Replace Elevators 1 and 3 Plant Extension - AEC ⁱ	\$ 735,000	Aug-04	Dec-05	Dec-05	General Fund resources
LS&A Building Renovations SmithGroup, Inc.	\$ 26,000,000	Feb-04	Apr-06	Apr-06	State Appropriation, College of Literature, Science, and the Arts resources, and investment proceeds
C. C. Little Building Renovate First Floor Teaching Laboratories Integrated Design Solutions	\$ 800,000	Mar-05	Sep-05	Sep-05	Provost Office resources, College of Pharmacy resources, and gifts
Medical Science Building I Replace Twin Elevators Plant Extension - AEC ⁱ	\$ 750,000	Mar-04	Jun-05	Jun-05	General Fund and Medical School resources

NEW CONSTRUCTION PROJECTS

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July 2005

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Michigan Stadium 2005 Concrete Repairs Plant Extension - AEC ⁱ	\$ 2,750,000	Jan-05	Aug-05	Aug-05	Athletic Department resources
Palmer Drive Development Elevated Pedestrian Walkway Adjacent to the Undergraduate Science Building Venturi, Scott Brown & Associates, Inc. and SmithGroup, Inc.	\$ 2,000,000	Dec-02	Dec-05	Dec-05	Central Administration resources
Palmer Drive Development Elevated Pedestrian Walkways and Lighting for Palmer Drive Venturi, Scott Brown & Associates, Inc. and SmithGroup, Inc.	\$ 3,000,000	Dec-02	Dec-05	Dec-05	Central Administration resources
Perry Building Addition Einhorn Yaffee Prescott, Architecture & Engineering, P.C.	\$ 15,700,000	Sep-04	Aug-06	Aug-06	Institute for Social Research resources
Pharmacy College Building Remodel 2nd and 4th Floor Labs Integrated Design Solutions	\$ 4,500,000	Dec-04	Oct-06	Oct-06	NIH grant, College of Pharmacy resources, gifts, and General Fund resources

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School of Nursing Building Renovations to First Floor of North Wing Plant Extension - AEC ⁱ	\$ 1,600,000	May-05	Sep-05	Sep-05	School of Nursing and Provost Office resources
School of Public Health Buildings Renovation Centerbrook Architects and Planners, LLC w/ HarleyEllis	\$ 68,500,000	Sep-03	Jun-06	Sep-06	Investment proceeds, School of Public Health resources, and gifts
Stockwell Residence Hall Replace Elevator in Five Hall Plant Extension - AEC ⁱ	\$ 550,000	Jan-05	Sep-05	Sep-05	Housing resources
William Monroe Trotter House Infrastructure Upgrades Plant Extension - AEC ⁱ	\$ 890,000	Apr-05	Sep-05	Sep-05	Investment proceeds
UMHHC Arbor Lakes Medical Center Information Technology Parallel Computing Center Project Ayres, Lewis, Norris, and May, Inc.	\$ 5,345,000	Apr-05	Dec-06	Dec-06	Hospitals and Health Centers' resources
UMHHC Cardiovascular Center Project – Phase I and Bed Shell Expansion Project Shepley Bulfinch Richardson and Abbott	\$ 212,000,000	Jul-03	Dec-06	Jun-07	Hospitals and Health Centers' and Parking resources

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UMHHC East Ann Arbor Ambulatory Surgery and Medical Procedures Center Albert Kahn Associates	\$ 30,000,000	Nov-04	Mar-06	Mar-06	Hospitals and Health Centers' resources and Medical School resources
UMHHC East Medical Center Drive Road Widening Spalding DeDecker Associates, Inc. Phase I Completed	\$ 3,200,000	Oct-02	Phase II - Nov-05	Phase II - Nov-05	Hospitals and Health Centers' resources
UMHHC Mott Children's Hospital Operating Room/PACU Expansion and Pediatric MRI HarleyEllis	\$ 10,200,000	Aug-04	Apr-05	Aug-05	Hospitals and Health Centers' resources
UMHHC Rachel Upjohn Building (Depression Center and Ambulatory Psychiatry) Albert Kahn Associates	\$ 41,000,000	Nov-04	Sep-06	Sep-06	Hospitals and Health Centers' resources, gifts, and NIH grant
University of Michigan Medical School Magnetic Resonance Imaging Research Scanner Ann Arbor Architects Collaborative	\$ 881,000	Feb-05	Oct-05	Oct-05	Hospitals and Health Centers' resources
Undergraduate Science Building Venturi Scott Brown & Associates and SmithGroup, Inc.	\$ 61,000,000	Aug-03	Dec-05	Dec-05	Central Administration resources and gifts

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Utility Tunnel Piping Project - Central Power Plant to Victor Vaughan Building Black and Veatch	\$ 3,750,000	Sep-04	Apr-05	Jun-05	Utility resources
Joan and Sanford Weill Hall (Ford School of Public Policy) Robert A. M. Stern Architects	\$ 35,000,000	Oct-04	Oct-06	Oct-06	Investment proceeds, gifts, and President's discretionary resources
West Quadrangle Residence Hall 2005 Infrastructure Updates Plant Extension - AEC ⁱ	\$ 12,200,000	Dec-04	Jun-06	Jun-06	Housing resources
Walgreen Drama Center Kuwabara Payne McKenna and Blumberg Architects	\$ 42,800,000	May-05	Sep-07	Sep-07	Gifts and investment proceeds
Wolverine Tower Electrical Substation Replacement Plant Extension - AEC ⁱ	\$ 1,200,000	Oct-04	Mar-05	Jul-05	Facilities & Operations and General Fund resources

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<u>Dearborn</u> Engineering Laboratory Building Expansion and Renovation Lord, Aeck & Sargent, Inc.	\$ 12,600,000	Mar-05	Dec-06	Dec-06	State Appropriation and UM Dearborn resources
Science Building Renovation and Addition The Stubbins Associates, Inc.	\$ 9,600,000	Oct-04	Feb-06	Feb-06	State Appropriation and UM Dearborn resources

ⁱ Plant Extension – AEC: The University of Michigan, Plant Extension – Architecture, Engineering and Construction

ⁱⁱ Project not managed by Plant Extension

THE UNIVERSITY OF MICHIGAN
PLANT EXTENSION

REGENTS QUARTERLY REPORT

Construction Activities between \$400,000 and \$500,000
April 1 through June 30, 2005

<u>Building Name</u>	<u>Project Description</u>	<u>Amount</u>
Chemistry Building	Replace Fume Hood VAV Boxes Phase 1 & 2	\$498,000
Football Stadium	Gate 1 - North Stair Reconstruction	\$497,000
Hutchins Hall	Roof Replacement	\$460,000
Inglis House	Elect & Arch Infrastructure Upgrades	\$450,000
Institute for Social Research	Roof Replacement	\$425,000
Land Improvements - Hubbard Road	Hubbard Road Reconstruction	\$400,000
Medical Science Unit II	Repair Concrete Roof Fascia	\$400,000