Dear Colleague:

This report presents highlights of some of the building and remodeling that has occurred on the campuses of the University of Michigan over the past decade. One of the greatest challenges that the University faced during the 1980s was the need to address the alarming deterioration and aging of our campus. A $1.5 billion effort to rebuild, renovate, and update our buildings was initiated. This program was initiated under the leadership of Executive Vice President Farris W. Womack and directed by Paul Spradlin. Its tremendous success is due to the vision, commitment, and hard work of many individuals at the University. I am delighted to have the opportunity that this booklet provides to acknowledge and pay tribute to these dedicated people.

Not only have older buildings been renovated and new built, but we have been equipped through information technology; state-of-the art research facilities; and flexible, innovative teaching space to better serve society and to adapt to and take advantage of the changes and challenges that the future will bring. We can all take great pride in the University of Michigan’s campus today.

Sincerely,

James J. Duderstadt
President Emeritus
THE UNIVERSITY OF MICHIGAN has experienced an unprecedented period of building and renewal over the past decade. This massive campus renascence was made possible by a combination of State of Michigan support for capital improvements; gifts and grants; UM funds including contributions from the University’s auxiliary units; student fees; and the vision, commitment, and effective planning of the people involved in this critical program.

This formidable project was directed by Paul Spradlin and managed by Jack Janveja, Tom Schlaff, Richard Glissman (now retired), and Doug Hanna. They and their staffs are all to be commended for their tireless efforts and unfailing dedication.

Our seriously deteriorating physical plant was one of the great challenges faced by the University in the 1980s. Many of our buildings are fifty to seventy-five years old. The heating systems were antiquated, the windows drafty, and the teaching and laboratory facilities were outdated. The severe budget problems of the 1980s had resulted in deferred maintenance, which also took a serious toll on our infrastructure.

Growth and advances in pedagogy, research, technology, and our public service mission had left us woefully in need of state-of-the-art facilities to meet the needs of our students, faculty, and staff.

The $1.5 billion program to rebuild, renovate, and update our campus was mounted in 1985, and it is still in progress. The new construction on Central Campus began with the Chemistry Building, completed in 1991, and includes the Randall Laboratory, the Shapiro Undergraduate Library, the Angell-Haven connector, and additions to the School of Business Administration complex.

The Medical Campus has been almost completely renewed; with the Cancer & Geriatrics Center, and the Primary Care Building, in the final stages of completion.

There has been major new construction on the North Campus, including the Francois-Xavier Bagnoud Building; the Dow-G. G. Brown Connector; the Lurie Engineering Center; the Lurie Bell Tower; and the Media Union, which provides scholars and students with the tools, technology, and space for collaborative, creative, interdisciplinary work. Massive landscaping and beautification efforts are also taking place on North Campus.
A few of the many changes to the face of South Campus include Schembechler Hall, the Donald B. Canham Natatorium, the Institute of Continuing Legal Education, and the Weidenbach Administration Building. We have also acquired the Wolverine Tower and are in the process of remodeling it to fit our needs. The UM Football Stadium is undergoing much-needed remodeling, which will alter the face of that section of our campus.

Some important facilities still under construction or renovation are the new School of Social Work, the Tennis Facility, the Visitors Center, the Angell-Haven Hall connector, the C. C. Little Building and the Angell Hall renovation.

The construction and renovation program has also included substantial efforts to improve the safety and appearance of the campus. Increased lighting, new plantings, and landscaping have beautified the campus. The master plan includes landscaping, gardens, and courtyards to complement new construction.

The University of Michigan has been in the forefront in updating its campus, and I believe we can face the coming challenges in higher education confident that we will be working from a firm foundation of cutting-edge teaching, research, and technological facilities.

Farris Womack
Executive Vice President and
Chief Financial Officer
Table of Contents

2  Central Campus
10  Medical Campus
15  North Campus
20  South Campus
25  UM Dearborn, UM Flint
27  Appendix
Angell Hall - Haven Hall Connector
June 1996
Architect: Albert Kahn Associates
Contractor: Walbridge Aldinger Company
Cost: $7,894,500

Business Administration Executive Education Addition
Completion Date:
Architect: Luckenbach/Ziegelman
Contractor: (in fund raising phase)
Budget: $20,000,000

Business Administration Executive Dormitory
November 1986
Architect: Luckenbach/Ziegelman & Partners
Contractor: Freeman-Darling Construction
Cost: $5,849,713
Randall Laboratory
Addition
September 1995
Architect: Luckenbach/Ziegelman
Contractor: Ellis-Don Michigan
Cost: $22,400,000

Shapiro Undergraduate Library
Renovation & Addition
April 1995
Architect: Albert Kahn Associates
Contractor: Spence Brothers
Budget: $11,050,000

School of Social Work
July 1997
Architect: Sims-Varner Associates
Contractor: Ellis-Don Michigan
Budget: $25,000,000
Angell Hall
Renovation
November 1996
Architect: Albert Kahn Associates
Contractor: Waipridge Aldinger Company
Budget: $16,000,000
Angell Hall - Mason Hall
*Courtyard Computer Facility Addition*
October 1990
Architect: Sims-Varner & Associates
Contractor: TAI Construction Management
Cost: $3,872,453

Hill Auditorium
*Renovation & Addition*
Completion Date:
Architect: Albert Kahn & Quinn/Evans
Contractor:
Budget: $20 - $30 million

Edward Henry Kraus Building
*Old Renovation Project*
December 1991
(several separate projects)
Cost: $12,449,779
Central Campus

Renovation & Improvement

C C Little
Renovation
August 1996
Architect: Jickling Lyman Powell
Contractor: Ellis-Don Michigan
Budget: $16,500,000

C C Little
Pharmacy Renovation
September 1996
Architect: Jickling Lyman Powell
Contractor: Ellis-Don Michigan
Budget: $5,350,000

Chemistry Building
Addition 4 - Willard Dow Laboratory
July 1991
Architect: Harley Ellington Pierce Yee Associates
Contractor: Mellon Stuart Company
Cost: $44,939,099
Chemistry Building
Renovations to 1908/1948 Buildings
July 1993
Architect: Harley Ellington Pierce Yee Associates
Contractor: Turner Construction
Cost: $19,682,694

East Engineering Building
Renovation
July 1996
Architect: Louis Redstone
Contractor: Ellis-Don Michigan
Budget: $28,590,000

Health Service
Additions & Renovations
November 1997
Architect: Ghafari Associates
Contractor: John M. Olson Company
Budget: $7,500,000

Ingalls Mall Construction
February 1993
Architect: UM Facilities Planning & Design
Contractor: Stoner-Desbrough, Inc.
Cost: $402,796
**Lorch Hall**  
*Renovation*  
June 1987  
Architect: E.M. Smith  
Contractor: Boone & Darr/Freeman Darling  
Budget: $4,559,401

**Michigan League**  
*Renovation & Addition*  
December 1987  
Architect: Fry & Associates  
Contractor: TKI Construction Management  
Cost: $1,100,000

**Student Activities Building Visitors Center**  
August 1996  
Architect: Fry & Partners  
Contractor: John M. Olson Company  
Budget: $4,883,885
University Hospital
December 1986
Architect: Albert Kahn Associates
Contractor: Barton-Marlow Company
Cost: $264,727,814

University Hospital
Medical Procedures Unit
June 1991
Architect: Albert Kahn Associates
Contractor: Brenco Contractors
Cost: $4,563,957

University Hospital
Human Applications Lab Renovation
September 1996
Architect: Giffels Hoyem Basso
Contractor: F. J. Jones & Company
Budget: $1,536,200

University Hospital
Emergency Dept. Expansion/Renovation
April 1998
Architect: Albert Kahn Associates
Contractor: (in design phase)
**Cancer & Geriatrics Center**  
October 1996  
Architect: TMP Associates  
Contractor: Walbridge Aldinger Company  
Budget: $88,600,000

**North Entrance Parking Structure - UMH**  
January 1996  
Architect: TMP Associates  
Contractor: Walbridge Aldinger Company  
Budget: $12,200,000

**Child Care Center - University Hospitals**  
July 1991  
Architect: Corporate Design Group  
Contractor: MSI  
Cost: $2,195,231

**Glen Avenue Parking Structure**  
July 1986  
Architect: Luckenbach/Ziegelman & Partners  
Contractor: Spence Brothers  
Cost: $9,950,938
Medical Science Research Building I
January 1988
Architect: Jickling Lyman Powell Associates
Contractor: M. A. Mortenson Company
Cost: $15,500,000

Medical Science Research Building II
November 1989
Architect: Jickling Lyman Powell Associates
Contractor: Palmer-Smith Company
Cost: $22,726,000

Medical Science Research Building III
September 1994
Architect: Jickling Lyman Powell Associates
Contractor: M. A. Mortenson Company
Budget: $50,187,500

Medical Center Drive Parking Structure
Addition
December 1988
Architect: TMP Associates
Contractor: Rudolph/Libbe Inc.
Cost: $9,712,587
Primary Care Facility at East Campus
July 1996
Architect: Albert Kahn Associates
Contractor: Clark Construction Company
Budget: $28,100,000
Medical Campus

Renovation & Improvement

A. Alfred Taubman Health Care Center
December 1986
Architect: Albert Kahn Associates
Contractor: Barton-Malow Company
Cost: $46,987,147

C. S. Mott Children’s Hospital
Renewal
January 1995
Albert Kahn Associates
Walbridge Aldinger Company
Budget: $46,475,750

C. S. Mott Children’s Hospital
Single Room Maternity Care Renovation
November 1995
Architect: Albert Kahn Associates
Contractor: George W. Auch Company
Budget: $6,400,000

Women’s Hospital
Renovation
August 1997
Architect: Giffels Hoyem Basso
Contractor: (in design stage)
Budget: $5,300,000

Maternal & Child Health Care Center
Renovations
June 1992
Architect: TMP Associates
Contractor: Brenca Contractos
Cost: $5,916,587
Computing Center
Addition 1
December 1986
Architect: TMP Associates
Contractor: Dale Krull Construction
Cost: $582,445

Dow - GG Brown Connector
October 1989
Architect: McClurg & Associates
Contractor: Spence Brothers
Cost: $4,899,428

Electrical Engineering and Computer Science
September 1986
Architect: Smith Hinchman & Grylls
Contractor: Walbridge Aldinger Company
Cost: $29,650,000

Francois-Xavier Bagnoud Building
September 1993
Architect: Smith Hinchman & Grylls
Contractor: F.J. Jones & Company
Cost: $14,395,397
Media Union
June 1996
Architect: Albert Kahn Associates
Contractor: Ellis-Don Michigan
Budget: $41,800,000

Media Union
Basement Library
August 1996
Architect: Albert Kahn Associates
Contractor: Ellis-Don Michigan
Budget: $1,900,000

Lurie Engineering Center
August 1996
Architect: Hobbs + Black
Contractor: Sorensen Gross Construction
Budget: $16,500,000

Lurie Bell Tower
August 1996
Architect: Hobbs + Black and M/A
Contractor: Ellis-Don Michigan
Budget: $5,200,000
North Campus Family Housing Community Center
January 1991
Architect: Sims-Varner & Associates
Contractor: TAI Construction Management
Cost: $2,206,774

North Campus Reflecting Pool & Pedestrian Bridge
Completion Date:
Architect: Johnson Johnson & Roy and Hobbs & Black
Contractor: (in design phase)
Budget: $1,400,000

North Campus Landscaping Plan
Competition 1995
Winner: Johnson Johnson & Roy
Pierpont Commons & Dow Engineering
Renovations for CAEN Classrooms & Library
June 1992
Architect: UM Facilities Planning & Design
Contractor: Dale Krull Construction
Cost: $760,013

Herbert H. Dow Building
Media Center Renovations
June, 1986
Architect: Simms-Varner
Contractor: Fairview Construction
Cost: $3,016,347

Space Research Laboratory
Addition - East Side
May 1992
Architect: UM Facilities Planning & Design
Contractor: John M. Olson Company
Cost: $2,715,322
South Campus

Donald B. Canham Natatorium
May 1989
Architect: Hobbs + Black Associates
Contractor: Spence Brothers
Cost: $8,212,076

Glenn E. Schembechler Hall
August 1990
Architect: Gunnar Birkerts & Associates
Contractor: Spence Brothers
Cost: $10,795,971

Golf Course Improvements
May 1994
Architect: Arthur Hills & Associates
Contractor: Paul Clute & Associates
Cost: $1,100,000
Institute of Continuing Legal Education
August 1987
Architect: Hobbs + Black Associates
Contractor: Former Construction Company
Cost: $1,290,733

Tennis Center
June 1996
Architect: Osler
Contractor: Freeman-Darling Construction
Budget: $4,140,000
Margaret Bell Pool Addition
June 1997
Architect: Dow Howell Gilmore
Contractor: (in design stage)
Budget: $2,000,000

William D. Revelli Band Rehearsal Hall
Addition
June 1990
Architect: Hobbs + Black Associates
Contractor: Dale Krull Construction
Cost: $887,700

Weidenbach Administration Building
Phase I and II Building Renovation
September 1993
Architect: UM Facilities Planning and Design
Contractor: MSI
Cost: $2,699,468

Wolverine Tower
Renovations Phase I & Phase II
June 1994
Architect: Rossetti Architects
Contractor: J. C. Beal Construction
Cost: $2,094,784
University of Michigan Football Stadium

*Prescription Turf*
February 1993
Architect: Luckenbach/Ziegelman & Partners
Contractor: Turf Services, Inc.
Cost: $2,164,303

University of Michigan Football Stadium

*Concrete Repairs*
February 1993
Architect: Walker Consultants
Contractor: Spence Brothers
Cost: $1,589,662
Dearborn Campus
General Campus Renovations - Phase II
October 1996
Architect: Sims-Varner & Associates
Contractor: Walbridge Aldinger Company
Budget: $16,200,000

Dearborn Support Services Facility
New Construction
April 1995
Architect: Ghafari Architects
Contractor: AIM Systems
Budget: $1,541,000
Frances W. Thompson Library - Flint
*New Construction*
April 1995
Architect: Gunnar Birkerts Associates
Contractor: Walbridge Aldinger
Budget: $19,800,000

Murchie Science Building - Flint
*New Construction*
February 1990
Architect: Smith Hinchman & Grylls
Contractor: Erickson & Londstrom
Cost: $24,600,929
Appendix

Major Capital Projects from 1985 to 1996

<table>
<thead>
<tr>
<th>New Construction</th>
<th>Original building</th>
<th>Original building</th>
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<tbody>
<tr>
<td>Glen Avenue Parking Structure</td>
<td>New construction</td>
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<tr>
<td>Electrical Engineering &amp; Computer Science</td>
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<td>Business Administration Executive Dorm</td>
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<tr>
<td>A. Alfred Taubman Health Care Center</td>
<td>Original building</td>
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<td>The University Hospital</td>
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<tr>
<td>Institute of Continuing Legal Education</td>
<td>New construction</td>
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<tr>
<td>Medical Science Research Building I</td>
<td>New construction</td>
<td>Construction</td>
<td>Construction</td>
<td>Construction</td>
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<td>Medical Center Drive Parking Structure</td>
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<tr>
<td>Dow-G.G. Brown Connector</td>
<td>construction</td>
<td>Construction</td>
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<tr>
<td>Medical Science Research Building II</td>
<td>New construction</td>
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<td>New construction</td>
<td>New construction</td>
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<td>N. Campus Housing Community Center</td>
<td>New construction</td>
<td>New construction</td>
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<td>The University Hospital</td>
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<tr>
<td>Medical Procedures Unit</td>
<td>New construction</td>
<td>New construction</td>
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<td>University Hospitals Child Care Center</td>
<td>New construction</td>
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<td>New construction</td>
<td>New construction</td>
<td>New construction</td>
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<tr>
<td>Harrison M. Randall Library</td>
<td>Addition</td>
<td>Addition</td>
<td>Addition</td>
<td>Addition</td>
<td>Addition</td>
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<td>Addition</td>
<td>Addition</td>
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<tr>
<td>Med Center N. Entrance Parking Structure</td>
<td>University Hospital</td>
<td>University Hospital</td>
<td>University Hospital</td>
<td>University Hospital</td>
<td>University Hospital</td>
<td>University Hospital</td>
<td>University Hospital</td>
<td>University Hospital</td>
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<tr>
<td>Integrated Technology Instruction Center</td>
<td>New construction</td>
<td>New construction</td>
<td>New construction</td>
<td>New construction</td>
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<td>New construction</td>
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<td>New construction</td>
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<tr>
<td>Lurie Engineering Center</td>
<td>New construction</td>
<td>Lurie (North Campus) Bell Tower</td>
<td>New construction</td>
<td>Tennis Center</td>
<td>New tennis facility</td>
<td>Dearborn Campus</td>
<td>Campus renovations - Phase II</td>
<td>Primary Care Facility</td>
</tr>
<tr>
<td>Total New Construction</td>
<td><strong>$766,553,571</strong></td>
<td><strong>$766,553,571</strong></td>
<td><strong>$766,553,571</strong></td>
<td><strong>$766,553,571</strong></td>
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</tbody>
</table>

Major Renovations

| Kresge Medical Research Unit III                                                | Addition #2                 | Tappan Hall                | Library                    | Michigan Union             | Improvements phase I and II | Earl W. Moore Building    | New addition              |
| Multiple Buildings                                                              | 1984-85 program             | Herbert H. Dow Building    | Media center renovations  | Computing Center           | Addition 1                 | Central Heating Plant     | Boiler/generator, gas turbine |
| Lorch Hall                                                                     | Renovation and relocations  | West Engineering           | Information/Library Studies | Buhr Building              | Library storage            | 1st floor kitchen/cafeteria | Michigan League            |
| Michigan League                                                                | Additions                   | Engineering I              | Art and Architecture Building | Renovate external wall enclosure | Central Heating Plant     | New boiler breeching system | Rebuilding The University | The University of Michigan |
| Catherine Street Parking Structure                                              | 1987 deck repairs           | Engineering I              | G.G. Brown Laboratory      | Michigan League            | 1st floor kitchen/cafeteria | Central Heating Plant      | New boiler breeching system | Rebuilding The University | The University of Michigan |
Central Heating Plant
  New boiler breeching system
Horace H. Rackham Graduate Studies
  Chiller and cooling tower
Angell Hall-Mason Hall
  Courtyard computer facility
C. C. Little Science Building
  Remodel rooms for isotope lab
Samuel Trask Dana Building
  Renovate portion of ground level
The University Hospital
  Fourth chiller
David M. Dennison Building
  Central chiller plant
Chemistry Building
  Remodel 4th floor, addition 4
Chemistry
  W.H. Dow Laboratory
Medical Science Unit II
  Anatomy department renovations
Administrative Services
  HVAC renovations
Medical Science Unit I
  Remodel 4th floor west wing
Edward Henry Kraus Building
  Renovate old structure
Fletcher Street Parking Structure
  1990 deck repairs
The 300 N. Ingalls Building
  Renovate 9th floor wet/laser labs
Edward Henry Kraus Building
  Auditorium renovations
Football Stadium
  Concrete repairs - 1991, 1992
Harrison M. Randall Laboratory
  New mechanical penthouse/core
Medical Science Unit I
  Chiller system replacement
Medical Science Unit I
  Remodel C and D wings
Space Research Laboratory
  Addition - east side
Pharmacy College
  C.C. Little addition lab-bridge
Maternal and Child Health Care Center
  Renovate rooms
N. Campus Commons and Dow Engineering
  CAEN classrooms and library
Harrison M. Randall Laboratory
  North stair and wing renovation
Harrison M. Randall Laboratory
  Remodel 3rd floor
Glenn E. Schembechler Hall
  Margaret Dow Towsley Museums
Dental Building and W.K. Kellogg Institute
  Renovate rooms
C. C. Little Science Building
  Facilities grant project
North Campus Service Building #1
  Remodel for waste transfer facility
Central Heating Plant
  Boiler #5
CCRB and Bell Pool
  Three discussion classrooms
Henry S. Frieze Building
  4th floor office and classroom
Kresge Medical Research Unit III
  Remodel 4th floor for wet labs
Football Stadium
  Prescription turf
Kellogg Eye Center and Turner Clinic
  Renovate rooms
Yost Ice Arena
  Renovations phase I
1239 Kipke Drive
  Renovations - structural floor
Thayer Street Parking Structure
  1992 restoration
Dental Building and W.K. Kellogg Institute
  Chiller Replacement
Chemistry Building
  Renovate lecture halls, structures
Mary B. Markey Hall
  Facility renewal, replace windows
Wolverine Tower
  Renovate 1st, 2nd floors for DRDA
Harrison M. Randall Laboratory
  Sub-basements 1st, 2nd floors
Athletics Administration
  Phase I and II building renovation
Medical Science Unit I
  Remodel levels 4 and 5
Medical Science Research Building I
  Replace corroded water pipes
1239 Kipke Drive
  Renovate mechanical rooms
South Quadrangle
  Renovation of E and W elevators
Medical Science Unit I
  New electrical substation
Appendix

North Campus Switch Station (Edison)
   Increase electrical capacity
South Quadrangle
   Window replacement project
Football Stadium
   Repair programs 1994, 1995
Alexander G. Ruthven Museums Building
   Renovations - herpetology, insects
Church Street Parking Structure
   Repairs 1993, 1994
Church Street Parking Structure
   1994 repairs
C.S. Mott Children's Hospital
   Renewal
The University Hospital
   Relocation-diagnostic vascular unit
G.G. Brown Laboratory
   Manifold fume hood exhaust
Alexander G. Ruthven Museums Building
   Replace chiller and pump
Dental Building and W.K. Kellogg Institute
   Remodel for research labs
Shapiro Undergraduate Library
   Additions and renovations
Medical Science Unit II
   Upgrade air handling system
South Quadrangle
   Renovate 9th and ground floor
Medical Science Units I and II
   Air quality improvements
Medical Science Unit I
   Remodel 6th level A-wing
Newberry Hall - Kelsey Museum
   Sensitive artifact facility
Fletcher Street Parking Structure
   Install new fire protection system
Medical Science Unit I
   Chiller - clinical pathology labs
Chemistry Building
   Manifold fume hood exhaust
Medical Science Unit II
   Micro/Immuno laboratory/office
School of Education
   Remodel part of 3rd floor
David M. Dennison Building
   Absorption chiller, cooling system
Medical Science Unit II
   Remodel lecture halls
1239 Kipke Drive
   Campus safety and security

C.S. Mott Children's Hospital
   Single room maternity care
Cook Legal Research Library
   Jackie rare book room
University Hospital
   Human Application Lab renovation
IST Laboratory Wing
   Remodel west basement area
Cook Legal Research Library
   Replace piping
C.C. Little Science Building
   College of Pharmacy - Phase II
East Engineering
   Exterior window replacement
C.C. Little Science Building
   Renovate 1st floor east wing
Medical Science Unit I
   Remodel 6th and 7th level A wings
Wolverine Tower
   Parking lot reconstruction
Cook Legal Research Library
   Stair addition
Football Stadium
   1995 repairs - phase I and II
Dennison Building
   Renovate 2nd floor classrooms
Student Activities Building
   Replace chiller and cooling tower
Cook Legal Research Library
   Fire safety project - sprinklers
Michigan Union
   Renovations
Michigan League
   Renovations
Pierpont (North Campus) Commons
   Building renewal 1995
Health Service
   Additions and renovations
School of Education
   Replace windows
Wolverine Tower
   Remodel floors 3, 5, and 6
Wolverine Tower
   Renovate floors 8 and 9
Multiple Locations
   Underground tank removal
Multiple Buildings
   Campus card access system
School of Public Health I and II
   Central chiller plant
Land Improvements - Ferry Field
  Develop south area
Land Improvements
  Security lighting improvements
Hatcher Graduate Library - multiple buildings
  Roof replacement
Land Improvements - West Central Campus
  Duct run
Engineering Center/Beal Ave
  Land improvements
Land Improvements - North Campus
  Road and parking reconstruction
Walter E. Lay Automotive Lab
  Tank farm and storage building
Health Service, Dental, Kellogg
  Central chiller plant

**Total Renovations Budget: $1,234,543,989**