



**2015-2016**

**Annual Consolidated Capital Projects**

**&**

**Facilities Report**

**The University of Alabama in Huntsville**  
**Annual Consolidated Capital Projects and Facilities Report**

**Tab 1      Annual Capital Development Plan**

**Tab 2      Five Year Facilities Development Plan**

**Tab 3      Long Term Debt Report**

**Tab 4      Deferred Maintenance & Facility Renewal Report**

**June 2015**

**The University of Alabama in Huntsville**  
**Annual Capital Development Plan**  
**October 2015 – September 2016**

**Capital Categories**

Category	Page	Cost
• Education and General		\$ 18,000,000
• Real Estate		\$ 2,500,000
• Auxiliary		\$ 0
• Intercollegiate Athletics		\$ 0
• Campus Infrastructure		\$ 2,500,000
• Equipment		\$ 0
	<b>TOTAL</b>	<hr/> \$ 23,000,000

**Submitted June 2015**

**Executive Summary  
Annual Capital Development Plan  
FY 2016**

**The University of Alabama in Huntsville  
Education and General Projects**

<b>No.</b>	<b>Project Name</b>	<b>Proposed BOT Activity</b>	<b>Project Costs</b>	<b>Facility Renewal</b>	<b>Funding Source</b>
1.	The Innovation Center	Stages II-IV Submittals	\$ 12,000,000	\$	Federal Grants, Designated State Funds, University Funds
2.	University Place School Repurpose	Stages I-IV Submittals	\$ 2,000,000		University Funds
3.	Conference Training Center Repurpose	Stages I-IV Submittals	\$ 4,000,000		University Funds
4.					
5.					
6.					

**Total Project Costs:     \$18,000,000**

**Executive Summary  
Annual Capital Development Plan  
FY 2016**

**The University of Alabama in Huntsville  
Real Estate**

No.	Project Name	Proposed BOT Activity	Project Costs	Facility Renewal	Funding Source
1.	Acquisition of property adjacent to Campus	Approval to acquire property	\$ 2,500,000		University Funds
2.					
3.					
4.					
5.					
6.					

**Total Project Costs:    \$2,500,000**

**Executive Summary  
Annual Capital Development Plan  
FY 2016**

**The University of Alabama in Huntsville  
Campus Infrastructure**

<b>No.</b>	<b>Project Name</b>	<b>Proposed BOT Activity</b>	<b>Project Costs</b>	<b>Facility Renewal</b>	<b>Funding Source</b>
1.	Greenway-Phase 3	Stages II-IV Submittals	\$ 2,500,000		University Funds

**Totals Project Costs: \$2,500,000**

**The University of Alabama in Huntsville**

**Five-Year Facilities Development Plan  
October 2016 - September 2020**

**Capital Categories**

• Education and General	\$	100,000,000
• Real Estate	\$	5,000,000
• Auxiliary	\$	22,200,000
• Intercollegiate Athletics	\$	12,000,000
• Campus Infrastructure	\$	22,500,000
• Equipment	\$	0
<b>TOTAL</b>	<b>\$</b>	<b>161,700,000</b>

**Submitted June 2015**

# The University of Alabama in Huntsville

## Five-Year Facilities Development Plan October 2016 - September 2020

<b>Capital Category: Education &amp; General</b>
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**Short Range: may be submitted to Board for approval within the next two years to five years.**

	<u>Project Name</u>	<u>Estimated Total Project Cost</u>
A.	Engineering/Technology Research Building	\$ 70,000,000
B.	Multifunction Facility	\$ 30,000,000
C.		
D.		
E.		

**Total \$ 100,000,000**



# The University of Alabama in Huntsville

## Five-Year Facilities Development Plan October 2016 - September 2020

<b>Capital Category: Real Estate</b>
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**Short Range:** may be submitted to Board for approval within the next two to five years.

	<u><i>Project Name</i></u>	<u><i>Estimated Total Project Cost</i></u>
A.	Acquisition of property near campus	\$ 5,000,000

**Total \$ 5,000,000**

# The University of Alabama in Huntsville

## Five-Year Facilities Development Plan October 2016 - September 2020

<b>Capital Category: Auxiliary</b>
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**Short Range:** may be submitted to Board for approval within the next two years to five years.

	<u>Project Name</u>	<u>Estimated Total Project Cost</u>
A.	On-Campus Apartments	\$ 10,000,000
B.	Expansion of University Fitness Center	\$ 5,000,000
C.	Fraternity/Sorority House	\$ 1,200,000
E.	Tennis Center	\$ 6,000,000

**Total** **\$ 22,200,000**

**The University of Alabama in Huntsville**

**Five-Year Facilities Development Plan  
October 2016 - September 2020**

**Capital Category: Intercollegiate Athletics**

**Short Range: may be submitted to Board for approval within the next two years to five years.**

	<b><u>Project Name</u></b>	<b><u>Estimated Total Project Cost</u></b>
A.	Multi-sport Arena	\$ 12,000,000

**Total \$ 12,000,000**

# The University of Alabama in Huntsville

## **Five-Year Facilities Development Plan October 2016 - September 2020**

<b>Capital Category: Campus Infrastructure</b>
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**Short Range:** may be submitted to Board for approval within the next two years to five years.

<b><u>Project Name</u></b>	<b><u>Estimated Total Project Cost</u></b>
A. Expand North Campus Parking Inventory-Elevated Parking	\$ 13,500,000
B. Greenway, Phase 4	\$ 1,500,000
C. Reroute Ben Graves & Loop Roads	\$ 2,500,000
D. Shelbie King Hall: replace mechanical & electrical systems	\$ 2,500,000
E. Von Braun Research Hall: replace mechanical & electrical systems	\$ 2,500,000

**Total \$ 22,500,000**

**The University of Alabama in Huntsville**

**Long Term Debt Report  
2014/2015**

**Submitted June 2015**

**Campus: The University of Alabama in Huntsville**

**ANNUAL CAPITAL DEVELOPMENT PLAN**

**Associated Long-Term Debt Report**

**Summary of Current Debt**

**Fiscal Year 9/30/14**

**Summary of Current Long-Term Debt:**

*(Insert additional rows if needed)*

Series	Original Amount	Interest Rate	Variable or Fixed Rate	Funding Source	Annual Debt Service	Maturity Date	Outstanding at FY14
Dormitory Revenue							
Bonds of 1980	2,180,000	3.00%	Fixed	Housing Fees	95,750	5/1/20	525,000
Dormitory Revenue							
Bonds of 1981	2,602,000	3.00%	Fixed	Housing Fees	115,580	5/1/21	686,000
Student Housing Revenue							
Bonds - Series 2004-A	13,130,000	3.00-4.625%	Fixed	Housing Fees	786,147	9/1/34	10,390,000
Student Housing Revenue							
Bonds - Series 2004-B	7,515,000	3.00-3.625%	Fixed	Housing Fees	789,556	9/1/16	1,505,000
Revenue Bonds -							
Series 2005-A	8,580,000	3.00-4.375%	Fixed	Student Tuition and Fees	625,494	6/1/25	5,425,000
Revenue Bonds -							
Series 2009A	8,115,000	3.0-4.50%	Fixed	Student Tuition and Fees	585,181	7/1/29	6,585,000
Student Housing Revenue							
Bonds - Series 2010-A	27,990,000	2.85-6.125%	Fixed	Housing Fees	1,488,906	6/1/42	27,220,000
General Fee Revenue							
Bonds - Series 2012-A	11,170,000	0.73-4.28%	Fixed	Student Tuition and Fees	806,949	10/1/31	10,230,000
General Fee Revenue							
Bonds - Series 2012-B	13,700,000	0.74-3.84%	Fixed	Student Tuition and Fees	1,115,332	12/1/26	12,175,000
General Fee Revenue							
Bonds - Series 2013-A-1	7,550,000	1.57%	Fixed	Student Tuition and Fees	816,775	4/1/23	6,840,000
General Fee Revenue							
Bonds - Series 2013-A-2	24,455,000	4.00%	Fixed	Student Tuition and Fees	978,200	4/1/43	24,455,000
Note Payable to							
UAH Foundation	1,843,000		n/a	Operational Funds	368,600	7/1/18	1,474,400
<b>Total</b>	<b>\$ 128,830,000</b>				<b>\$ 8,572,470</b>		<b>\$ 107,510,400</b>

**Current Ratings**

Standard & Poors	A+
Moodys	Aa3

Annual Debt Service listed for Fiscal Year 2015

Ratings current as of 05/18/15

<b>Campus: The University of Alabama in Huntsville</b>			
<b>Debt Related Ratios</b>			
For Fiscal Year	2013/2014		
Current Moody Rating =	Aa3		
Current Total Debt:	\$107,510,400		
Additional Debt:			
<b>Ratio</b>	<b>Definition</b>	<b>Moody's 2012 Aa3 Medians</b>	<b>Current Debt</b>
Actual Debt Service Coverage	(Operating Surplus+Depreciation+Interest)/( P&I )	3.03	2.40
Unrestricted Financial Resources to Direct Debt	Unrestricted Net Assets/Direct Debt	0.51	1.38
Net Assets to Direct Debt	Total Net Assets/Direct Debt	1.26	2.76
Direct Debt to Total Revenue	Direct Debt/Total Operating Revenues	0.58	0.69
Actual Debt Service to Operations	Annual Debt Service/Total Operating Expenses	4.00%	3.86%
Direct Debt per Student	Direct Debt/FTE Students	\$14,797	\$18,636
Direct Debt to Total Capitalization	Direct Debt/(Total Net Assets+Direct Debt)	0.27	0.27
<b>FROM FY 2014 FINANCIAL STATEMENTS</b>			
Operating Surplus		2,823,979	
Depreciation		13,058,315	
Capital Principal Payment		4,603,600	
Capital Interest Payment		3,454,765	
Interest Expense		3,454,765	
Unrestricted Net Assets		148,762,348	
Direct Debt		107,510,400	
Total Net Assets		296,528,523	
Total Operating Revenue		154,863,746	
Annual Debt Service		8,058,365	
Total Operating Expenses		208,922,729	
FTE Students		5,769	
Direct Debt = (Current Portion + Long Term Portion of Debt)			
Operating Surplus = (Income Before Other Changes in Net Assets - Investment Income+ (4.5% of Cash, Short Term Investments, Cash Designated for Capital Activities, Restricted Cash and Cash Equivalents, Investments Designated for Capital Activities, Other Long-Term Investments and Endowment and Life Income Investments for FY 2014)			

**The University of Alabama in Huntsville**

**Deferred Maintenance & Facility Renewal Report  
October 2015 – September 2020**

**Submitted June 2015**



# The University of Alabama in Huntsville

## Deferred Maintenance & Facility Renewal Report

FY 2016					
Building	Description	Classification			
		Plant Renewal	Plant Adaptation	Def. Maint.	
<b>Education and General</b>					
Business Admin Bldg	Modernize EMCS		\$ 150,000		
Campus	Enhance sidewalks & walkway lighting	\$ 200,000			
Campus	Implement energy initiative savings projects	\$ 100,000			
Campus	Replace worn carpet	\$ 75,000			
Campus	Standardize interior signage/way finding		\$ 100,000		
Central Plant	Replace cooling tower #3	\$ 290,000			
Engineering Bldg	Replace HVAC units and controls (phase 3 of 3)	\$ 300,000			
Engineering Bldg	Replace roof	\$ 600,000			
Johnson Research Center	Replace 10-Ton DX unit			\$ 30,000	
Materials Science Bldg	Upgrade lab control system (phase 3 of 3)	\$ 200,000			
Materials Science Bldg	Replace outside dampers on S1 and S2			\$ 15,000	
Morton Hall	Upgrade HVAC system (phase 2 of 3)	\$ 250,000			
Nursing Bldg	Replace roof	\$ 225,000			
Optics Bldg	Upgrade fire alarm system		\$ 125,000		
Roberts Hall	Replace air-cooled chiller	\$ 350,000			
Spragins Hall	Modernize elevator	\$ 75,000			
University Center	Replace roof	\$ 625,000			
<b>Auxiliary</b>					
Bevill Center	Replace AHU-1 and rework ductwork			\$ 100,000	
Bevill Center	Replace cooling tower			\$ 110,000	
Lowe House	Replace roof			\$ 50,000	
Southeast Campus Housing	Repair exterior steps on all buildings	\$ 250,000			
WLRH	Replace Roof	\$ 30,000			
<b>Total</b>		<b>\$ 3,570,000</b>	<b>\$ 375,000</b>	<b>\$ 305,000</b>	<b>\$ 4,250,000</b>

Submitted June 2015

# The University of Alabama in Huntsville

## Deferred Maintenance & Facility Renewal Report

FY 2017					
Building	Description	Classification			
		Plant Renewal	Plant Adaptation	Def. Maint.	
<b>Education and General</b>					
Business Admin Bldg	Upgrade parking lot lighting & repave parking lot			\$ 200,000	
Campus	Repave Ben Graves Drive	\$ 380,000			
Campus	Standardize outside lighting and add sidewalk	\$ 200,000			
Campus	Implement energy initiative savings projects	\$ 100,000			
Campus	Replace worn carpet	\$ 50,000			
Central Plant	Predictive & PM on all Electrical Switch Gear			\$ 100,000	
Central Plant	Install backup air-dryer & repipe air compressor		\$ 50,000		
Engineering Bldg	Upgrade interior lighting to LED (phase 1 of 2)		\$ 250,000		
Library (Phase I)	Boiler replacement	\$ 140,000			
Materials Science Bldg	Replace carpet in auditorium C100	\$ 125,000			
Materials Science Bldg	Upgrade lighting in auditorium C100	\$ 150,000			
Morton Hall	Upgrade HVAC system (phase 3 of 3)	\$ 250,000			
Roberts Hall	Replace boiler	\$ 145,000			
Shelbie King Hall	Replace carpet	\$ 100,000			
Technology Hall	Remove hallway abestos floor tile and install new VCT (phase 1 of 2)	\$ 115,000			
Technology Hall	Replace roof	\$ 625,000			
University Center	Modernize elevator	\$ 90,000			
Von Braun Research Hall	Replace computer room units (M10)	\$ 350,000			
WLRH	Replace roof	\$ 30,000			
<b>Auxiliary</b>					
Bevill Center	Pressure wash and re-caulk exterior			\$ 250,000	
Central Campus Res Hall	Replace 50 water source heat pumps (phase 1 of 2)			\$ 250,000	
Central Campus Res Hall	Install storm drainage system		\$ 125,000		
University Fitness Center	Replace Pool-Pak (dehumidifier)	\$ 450,000			
<b>Total</b>		<b>\$ 3,300,000</b>	<b>\$ 425,000</b>	<b>\$ 800,000</b>	<b>\$ 4,525,000</b>

Submitted June 2015

# The University of Alabama in Huntsville

## Deferred Maintenance & Facility Renewal Report

FY 2018					
Building	Description	Classification			
		Plant Renewal	Plant Adaptation	Def. Maint.	
<b>Education and General</b>					
Campus	Standardize outside lighting	\$ 100,000			
Campus	Energy initiative savings projects	\$ 100,000			
Campus	Replace worn carpet	\$ 50,000			
Cramer Hall (Phase I)	Replace roof	\$ 400,000			
Cramer Hall	Replace computer room unit, room 4021			\$ 250,000	
Engineering Bldg	Replace computer room unit, room 226	\$ 55,000			
Engineering Bldg	Upgrade interior lighting to LED (phase 2 of 2)		\$ 250,000		
Library (Phase I)	Abate asbestos and upgrade lighting	\$ 400,000			
Library (Phase II)	Replace boiler	\$ 100,000			
Library (Phase III)	Replace chiller	\$ 175,000			
Nursing (Phase I)	Replace chillers	\$ 300,000			
Roberts Hall	Replace fire pump		\$ 40,000		
Technology Hall	Remove abestos floor tile and install new VCT (phase 2 of 2)	\$ 115,000			
University Center	Upgrade fire alarm system		\$ 170,000		
Von Braun Research Hall	Remove abestos floor tile and install new VCT	\$ 165,000			
<b>Auxiliary</b>					
Bevill Center	Replace fire alarm system	\$ 200,000			
Bevill Center	Replace fluorescent lighting with LED	\$ 500,000			
Bevill Center	Modernize service elevator			\$ 75,000	
Central Campus Res Hall	Replace 50 water source heat pumps (phase 2 of 2)			\$ 250,000	
Southeast Campus Housing	Replace all inside blower sections (phase 1 of 2)		\$ 225,000		
<b>Total</b>		<b>\$ 2,660,000</b>	<b>\$ 685,000</b>	<b>\$ 575,000</b>	<b>\$ 3,920,000</b>

Submitted June 2015

# The University of Alabama in Huntsville

## Deferred Maintenance & Facility Renewal Report

FY 2019					
Building	Description	Classification			
		Plant Renewal	Plant Adaptation	Def. Maint.	
<b>Education and General</b>					
Business Admin Bldg	Replace roof	\$ 375,000			
Business Services Bldg	Upgrade fire alarm system		\$ 60,000		
Campus	Install storm drainage system - north campus	\$ 225,000			
Campus	Implement energy initiative savings projects	\$ 100,000			
Campus	Replace worn carpet	\$ 50,000			
Central Plant	Upgrade fire alarm system		\$ 75,000		
Central Plant	Replace two hot water pumps			\$ 75,000	
Library (Phase I)	Replace air-cooled chiller	\$ 250,000			
Materials Science Bldg	Install emergency power for sub-zero research freezers		\$ 250,000		
Roberts Hall	Replace motor control center	\$ 200,000			
Technology Hall	Replace fluorescent lighting with LED	\$ 885,000			
Von Braun Research Hall	Replace chiller	\$ 400,000			
<b>Auxiliary</b>					
Bevill Center	Replace 50 heat pumps (phase 1 of 2)			\$ 150,000	
Bevill Center	Replace hot boilers for kitchen	\$ 80,000			
Southeast Campus Housing	Replace all inside blower sections (phase 2 of 2)	\$ 225,000			
University Fitness Center	Replace air-cooled chiller	\$ 350,000			
<b>Total</b>		<b>\$ 3,140,000</b>	<b>\$ 385,000</b>	<b>\$ 225,000</b>	<b>\$ 3,750,000</b>

Submitted June 2015

# The University of Alabama in Huntsville

## Deferred Maintenance & Facility Renewal Report

FY 2020					
Building	Description	Classification			
		Plant Renewal	Plant Adaptation	Def. Maint.	
<b>Education and General</b>					
Campus	Implement energy initiative savings projects	\$ 100,000			
Campus	Replace worn carpet	\$ 50,000			
Cramer Hall	Replace cooling tower fill (both towers)			\$ 75,000	
Library (Phase I)	Modernize elevator	\$ 150,000			
Optics Building	Replace all rooftop exhaust fans			\$ 200,000	
Technology Hall	Replace chiller	\$ 400,000			
Shelbie King Hall	Upgrade HVAC & electrical, 3rd floor south	\$ 900,000			
Von Braun Research Hall	Replace MCC	\$ 300,000			
<b>Auxiliary</b>					
Bevill Center	Replace 50 heat pumps (phase 2 of 2)			\$ 150,000	
Bevill Center	Replace five AHUs			\$ 400,000	
Central Campus Res Hall	Modernize elevator	\$ 400,000			
University Fitness Center	Replace chiller	\$ 375,000			
<b>Total</b>		<b>\$ 2,675,000</b>	<b>\$ -</b>	<b>\$ 825,000</b>	<b>\$ 3,500,000</b>
<b>5-YEAR TOTAL</b>		<b>\$ 15,345,000</b>	<b>\$ 1,870,000</b>	<b>\$ 2,730,000</b>	<b>\$ 19,945,000</b>

Submitted June 2015