



**2013-2014**

**Annual Consolidated Capital Projects**

**&**

**Facilities Report**

**Campus: 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 2013**

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

**Annual Capital Development Plan  
October 2013 – September 2014**

<b><u>Capital Categories</u></b>	<b><u>Costs</u></b>
• Education and General, page 3	\$ <u>21,000,000</u>
• Real Estate, page 12	\$ <u>1,500,000</u>
• Auxiliary	\$ <u>0</u>
• Intercollegiate Athletics	\$ <u>0</u>
• Campus Infrastructure, page 14	\$ <u>3,250,000</u>
• Equipment, page 19	\$ <u>1,700,000</u>
<b>Total</b>	<b>\$ <u>27,450,000</u></b>

**Submitted June 2013**

**Executive Summary  
Annual Capital Development Plan  
FY 2014**

**Campus: 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.	Replacement/Renovation of Madison Hall	Stages II through IV Submittals	\$ 21,000,000	\$	State Bonds or University Funds
2.					
3.					
4.					
5.					
6.					

**Totals: \$21,000,000**

**Executive Summary  
Annual Capital Development Plan  
FY 2014**

**Campus: 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	\$ 1,500,000		University Funds
2.					
3.					
4.					
5.					

**Totals: \$1,500,000**

**Executive Summary  
Annual Capital Development Plan  
FY 2013**

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

No.	Project Name	Proposed BOT Activity	Project Costs	Facility Renewal	Funding Source
1.	Greenway-Phase 2	Stages II-IV Submittals	\$ 1,500,000		University Funds
2.	Campus Signage & Way Finding	Equipment Purchase Approval	\$ 750,000		University Funds
3.	North Campus Parking Lot Addition	Stage 3 - Substantial Visual Impact Approval	\$ 500,000		University Funds
4.	University Drive Entry	Stage 3 - Substantial Visual Impact Approval	500,000		University Funds
5.					

**Totals: \$3,250,000**

**Executive Summary**

**Annual Capital Development Plan  
FY 2014**

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

No.	Project Name	Proposed BOT Activity	Project Costs	Facility Renewal	Funding Source
1.	Mass Communication System - Phase 2	Equipment Purchase Approval	\$ 1,700,000	\$	University Funds
2.					
3.					
4.					
5.					

**Totals: \$1,700,000**

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

## **Five Year Facilities Development Plan October 2014 - September 2018**

### **Capital Categories**

- Education and General
- Real Estate
- Auxiliary
- Intercollegiate Athletics
- Campus Infrastructure

**Submitted June 2013**



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

**Five Year Facilities Development Plan  
October 2014 - September 2018**

<b>Capital Category: Education &amp; General</b>
--

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

	<u><i>Project Name</i></u>	<u><i>Estimated Total Project Cost</i></u>
A.	Engineering/Technology Research Building - Phase 2	\$ 50,000,000
B.	Multifunction Facility	\$ 30,000,000
C.	Construction of Tennis Center	\$ 6,000,000
D.		\$
E.		
F.		
G.		
H.		
I.		
J.		
K.		
L.		
M.		
N.		
	<b>Total</b>	<b>\$ 86,000,000</b>

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

**Five Year Facilities Development Plan  
October 2014 – September 2018**

<b>Capital Category: Real Estate</b>
--------------------------------------

**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
B.		
C.		
D.		
E.		
F.		
G.		
H.		
I.		
J.		
K.		
L.		
M.		
N.		
	<b>Total</b>	<b>\$ 5,000,000</b>

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

**Five Year Facilities Development Plan  
October 2014 – September 2018**

<b>Capital Category: Auxiliary</b>
------------------------------------

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

	<u><i>Project Name</i></u>		<u><i>Estimated Total Project Cost</i></u>
A.	Expansion of University Fitness Center	\$	5,000,000
B.	Fraternity/Sorority House	\$	1,200,000
C.	Residence Hall, Phase 2	\$	22,500,000
D.	On-Campus Apartments	\$	10,000,000
E.			
F.			
G.			
H.			
I.			
J.			
K.			
L.			
M.			
N.			
		<b>Total \$</b>	<b>38,700,000</b>

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

**Five Year Facilities Development Plan  
October 2014 – September 2018**

<b>Capital Category: Intercollegiate Athletics</b>
--

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

	<u><i>Project Name</i></u>		<u><i>Estimated Total Project Cost</i></u>
A.	Track & Field Facility	\$	2,000,000
B.			
C.			
D.			
E.			
F.			
G.			
H.			
I.			
J.			
K.			
L.			
M.			
N.			
		<b>Total \$</b>	<b>2,000,000</b>

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

**Five Year Facilities Development Plan  
October 2014 – September 2018**

**Capital Category: Campus Infrastructure**

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

	<u><i>Project Name</i></u>		<u><i>Estimated Total Project Cost</i></u>
A.	Expand North Campus Parking Inventory-Elevated Parking	\$	13,500,000
B.	Greenway, Phase 3	\$	1,500,000
C.	Reroute Ben Graves & Loop Roads	\$	2,500,000
D.	SKH – replace mechanical & electrical systems	\$	2,500,000
E.	VBRH - replace mechanical & electrical systems	\$	2,500,000
F.	Madison Hall - replace mechanical & electrical systems	\$	3,000,000
G.			
H.			
I.			
J.			
K.			
L.			
M.			
N.			
		<b>Total \$</b>	<b>25,500,000</b>

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

**Long Term Debt Report  
2012/2013**

**Submitted June 2013**

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

**ANNUAL CAPITAL DEVELOPMENT PLAN**

**Associated Long-Term Debt Report**

**Summary of Current Debt**

**Fiscal Year 9/30/12**

**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 FY12
Housing Revenue Bonds of 1980	2,180,000	3.00%	Fixed	Housing Fees	95,400	5/1/20	680,000
Housing Revenue Bonds of 1981	2,602,000	3.00%	Fixed	Housing Fees	115,980	5/1/21	866,000
Housing Revenue Bonds of 2004-A	13,130,000	3.00-4.625%	Fixed	Housing Fees	782,466	9/1/34	11,010,000
Housing Revenue Bonds of 2004-B	7,515,000	3.00-3.625%	Fixed	Housing Fees	787,525	9/1/16	2,900,000
General Fee Rev. Bonds of 2005-A	8,580,000	3.00-4.375%	Fixed	Student Tuition and Fees	628,525	6/1/25	6,185,000
General Fee Rev. Bonds of 2009-A	8,115,000	3.0-4.5%	Fixed	Student Tuition and Fees	589,081	7/1/29	7,215,000
Housing Revenue Bonds of 2010-A	27,990,000	2.85-6.125%	Fixed	Student Tuition and Fees	1,443,001	6/1/42	27,990,000
General Fee Rev. Bonds of 2012-A	11,170,000	0.73-4.28%	Fixed	Student Tuition and Fees	795,355	10/1/31	11,170,000
General Fee Rev. Bonds 2012-B	13,700,000	0.74-3.84%	Fixed	Student Tuition and Fees	1,123,300	12/1/26	13,700,000
<b>Total</b>	<b>\$ 94,982,000</b>				<b>\$ 6,360,633</b>		<b>81,716,000</b>

Current Ratings

Standard & Poors

A+

Moodys

Aa3

Annual Debt Service listed for Fiscal Year 2013

Additional debt of \$32,005,000 issued in April 2013.

<b>Campus: The University of Alabama in Huntsville</b>		
<b>Debt Related Ratios</b>		
For Fiscal Year 2011/2012		
Current Moody Rating = Aa3		
Current Total Debt: \$81,716,000		
Additional Debt:		
<b>Ratio</b>	<b>Definition</b>	<b>Current Debt</b>
Actual Debt Service Coverage	(Operating Surplus+Depreciation+Interest)/( P&I )	5.06
Unrestricted Financial Resources to Direct Debt	Unrestricted Net Assets/Direct Debt	1.78
Net Assets to Direct Debt	Total Net Assets/Direct Debt	3.51
Direct Debt to Total Revenue	Direct Debt/Total Operating Revenues	54.53%
Actual Debt Service to Operations	Annual Debt Service/Total Operating Expenses	3.13%
Direct Debt per Student	Direct Debt/FTE Students	\$13,885
Direct Debt to Total Capitalization	Direct Debt/(Total Net Assets+Direct Debt)	0.22
<b>FROM FY 2012 FINANCIAL STATEMENTS</b>		
Operating Surplus		15,508,754
Depreciation		12,171,441
Capital Principal Payment		2,790,000
Capital Interest Payment		3,345,280
Interest Expense		3,345,280
Unrestricted Net Assets		145,433,680
Direct Debt		81,716,000
Total Net Assets		286,467,398
Total Operating Revenue		149,863,302
Annual Debt Service		6,135,280
Total Operating Expenses		195,746,564
FTE Students		5,885
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 Endow ment and Life Income Investments for FY 2012)		



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

**Deferred Maintenance & Facility Renewal Report  
2014**

**Submitted June 2013**

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

**Deferred Maintenance & Facility Renewal Report**

<b>FY 2014</b>					
<b>Building</b>	<b>Description</b>	<b>Classification</b>			
		<b>Plant Renewal</b>	<b>Plant Adaptation</b>	<b>Def. Maint.</b>	
<b>Education and General</b>					
BAB	Replace fluorescent lighting with LED		\$ 375,000		
Campus	Sidewalks & outside lighting enhancement	\$ 100,000			
Campus	Standardize exterior door locks		\$ 100,000		
Campus	Energy initiative savings projects	\$ 100,000			
Campus	Replace worn carpet	\$ 50,000			
Campus	Replace ceiling tile	\$ 25,000			
Engineering Bldg	Replace all HVAC units and controls (phase 2 of 3)	\$ 300,000			
Engineering Bldg	Replace roof	\$ 700,000			
Materials Science	Upgrade lab control system (phase 2 of 3)	\$ 150,000			
Materials Science & Optics	Clean and seal building exterior			\$ 225,000	
Morton Hall	Replace exterior doors & entry store front			\$ 100,000	
Nursing	Replace roof	\$ 225,000			
VBRH Room M10	Install emergency generator		\$ 400,000		
Shelbie King Hall	Replace chiller	\$ 300,000			
University Center	Modernize EMCS			\$ 175,000	
<b>Auxiliary</b>					
Bevill Center	Modernize elevator			\$ 65,000	
UFC	Replace Pool Pak and paint indoor pool ceiling	\$ 400,000			
<b>Total</b>		<b>\$ 2,350,000</b>	<b>\$ 875,000</b>	<b>\$ 565,000</b>	<b>\$ 3,790,000</b>

**Submitted June 2013**

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

**Deferred Maintenance & Facility Renewal Report**

<b>FY 2015</b>					
<b>Building</b>	<b>Description</b>	<b>Classification</b>			
		<b>Plant Renewal</b>	<b>Plant Adaptation</b>	<b>Def. Maint.</b>	
<b>Education and General</b>					
Business Admin Bldg	Upgrade parking lot lighting & repave parking lot			\$ 200,000	
Campus	Install sidewalk south of John Wright to Sparkman		\$ 40,000		
Campus	Standardize outside lighting	\$ 100,000			
Campus	Expand GPS clock system to all classrooms	\$ 50,000			
Campus	Repave Ben Graves Drive	\$ 380,000			
Campus	Implement energy initiative savings projects	\$ 100,000			
Campus	Replace worn carpet	\$ 50,000			
Engineering Bldg	Replace HVAC units and controls (phase 3 of 3)	\$ 300,000			
Engineering Bldg	Replace fluorescent lighting with LED (phase 1 of 2)	\$ 250,000			
Materials Science Bldg	Upgrade lab control system (phase 3 of 3)	\$ 160,000			
Morton Hall	Replace chiller	\$ 250,000			
Optics Bldg	Upgrade fire alarm system		\$ 100,000		
Spragins Hall	Repair rock wall	\$ 40,000			
Spragins Hall	Modernize elevator	\$ 60,000			
Technology Hall	Replace roof	\$ 625,000			
VBRH	Replace chiller	\$ 350,000			
<b>Auxiliary</b>					
CCRH	Replace 50 water source heat pumps (phase 1 of 2)			\$ 250,000	
Low House	Replace roof			\$ 50,000	
SECH	Install storm drainage system		\$ 100,000		
<b>Total</b>		<b>\$ 2,715,000</b>	<b>\$ 240,000</b>	<b>\$ 500,000</b>	<b>\$ 3,455,000</b>

**Submitted June 2013**

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

**Deferred Maintenance & Facility Renewal Report**

<b>FY 2016</b>					
<b>Building</b>	<b>Description</b>	<b>Classification</b>			
		<b>Plant Renewal</b>	<b>Plant Adaptation</b>	<b>Def. Maint.</b>	
<b>Education and General</b>					
Business Admin Bldg	Modernize EMCS		\$ 170,000		
Campus	Standardize outside lighting	\$ 100,000			
Campus	Implement energy initiative savings projects	\$ 100,000			
Campus	Replace worn carpet	\$ 50,000			
Central Plant	Install backup air-dryer		\$ 40,000		
Engineering Bldg	Replace florescent lighting with LED (phase 2 of 2)	\$ 250,000			
Johnson Research Ctr	Install EMCS		\$ 50,000		
Library I	Boiler replacement	\$ 80,000			
Materials Science	Replace carpet in offices, auditorium, & classrooms	\$ 170,000			
Materials Science	Upgrade Lighting in C100	\$ 150,000			
Morton Hall	Upgrade HVAC system (phase 1 of 3)	\$ 250,000			
Physical Plant Bldg	Install EMCS		\$ 50,000		
Roberts Hall	Replace air compressor			\$ 20,000	
Roberts Hall	Replace boiler	\$ 80,000			
Roberts Hall	Replace Lighting to LED	\$ 230,000			
Shelbie King Hall	Replace carpet	\$ 70,000			
University Center	Replace main electrical switch board and MCC	\$ 350,000			
University Center	Modernize elevator	\$ 55,000			
University Center (old)	Replace roof	\$ 175,000			
WLRH	Replace roof	\$ 25,000			
<b>Auxiliary</b>					
CCRH	Modernize EMCS	\$ 40,000			
CCRH	Replace 50 water source heat pumps (phase 2 of 2)			\$ 250,000	
<b>Total</b>		<b>\$ 2,175,000</b>	<b>\$ 310,000</b>	<b>\$ 270,000</b>	<b>\$ 2,755,000</b>

**Submitted June 2013**

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

**Deferred Maintenance & Facility Renewal Report**

<b>FY 2017</b>					
<b>Building</b>	<b>Description</b>	<b>Classification</b>			
		<b>Plant Renewal</b>	<b>Plant Adaptation</b>	<b>Def. Maint.</b>	
<b>Education and General</b>					
Campus	Standardize outside lighting	\$ 100,000			
Campus	Standardize signage/wayfinding		\$ 100,000		
Campus	Energy initiative savings projects	\$ 100,000			
Campus	Replace worn carpet	\$ 50,000			
Cramer Hall (Phase I)	Replace roof	\$ 500,000			
Cramer Hall	Install sub-surface drainage along Sparkman Drive		\$ 100,000		
Engineering Bldg	Replace computer room unit RM 226	\$ 55,000			
Library (Phase I)	Abate asbestos and upgrade lighting	\$ 500,000			
Library (Phase III)	Reroof	\$ 190,000			
Morton Hall	Upgrade HVAC system (phase 2 of 3)	\$ 250,000			
Roberts Hall	Replace fire pump		\$ 40,000		
University Center	Replace flooring in exhibit hall			\$ 35,000	
University Center	Modernize fire alarm system		\$ 170,000		
<b>Auxiliary</b>					
CCRH	Modernize elevator	\$ 400,000			
Bevill Center	Pressure wash exterior and re-caulk			\$ 200,000	
Bevill Center	Replace fluorescent lighting with LED	\$ 500,000			
SECH	Replace all inside blower sections (phase 1 of 2)	\$ 225,000			
<b>Total</b>		<b>\$ 2,870,000</b>	<b>\$ 410,000</b>	<b>\$ 235,000</b>	<b>\$ 3,515,000</b>

**Submitted June 2013**

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

**Deferred Maintenance & Facility Renewal Report**

<b>FY 2018</b>					
<b>Building</b>	<b>Description</b>	<b>Classification</b>			
		<b>Plant Renewal</b>	<b>Plant Adaptation</b>	<b>Def. Maint.</b>	
<b>Education and General</b>					
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		\$ 60,000		
Central Plant	Replace two hot water pumps			\$ 75,000	
Central Plant	Replace cooling tower #3			\$ 200,000	
Library (Phase I)	Replace air-cooled chiller	\$ 220,000			
Material Science	Upgrade landscaping			\$ 50,000	
Materials Science	Install emergency power for sub-zero research freezers		\$ 250,000		
Morton Hall	Upgrade HVAC system (phase 3 of 3)	\$ 250,000			
Roberts Hall	Replace air-cooled chiller	\$ 250,000			
Roberts Hall	Replace motor control center	\$ 200,000			
Tech Hall	Replace fluorescent lighting with LED	\$ 885,000			
<b>Auxiliary</b>					
Bevill Center	Replace 50 heat pump (Phase 1 of 2)			\$ 150,000	
Bevill Center	Upgrade lighting in all meeting rooms		\$ 200,000		
Bevill Center	Replace AHU-1			\$ 65,000	
SECH	Replace all inside blower sections (phase 2 of 2)	\$ 225,000			
<b>Total</b>		<b>\$ 2,405,000</b>	<b>\$ 570,000</b>	<b>\$ 540,000</b>	<b>\$ 3,515,000</b>
<b>5 YEAR TOTAL</b>		<b>\$ 12,515,000</b>	<b>\$ 2,405,000</b>	<b>\$ 2,110,000</b>	<b>\$ 17,030,000</b>

**Submitted June 2013**