

**RB23A**  
**Bowie State University**  
University System of Maryland

***Campuswide Site Improvements (Prince George's County)***

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General Obligation Bonds                      \$2,166,000

***Summary of Recommended Bond Actions***

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- I.        Campuswide Site Improvements  
  
          Approve.

**Bill Text:** Provides funds to design and construct Campuswide Site Improvements.

**Project Description:** This project will construct various site improvements to enhance pedestrian connections and the campus appearance. Project elements include the restoration of existing sidewalks and paving; new paving; landscaping; and the creation of a pedestrian plaza. The fiscal 2013 budget includes design funding for the construction, administration services, and construction funding.

***Project Summary Information***

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<b>Total Project Cost:</b>	\$4,123,000
<b>Budget Estimate Stage:</b>	Budget
<b>Program Plan Status:</b>	Approved
<b>Green Building:</b>	No
<b>Est. Completion Date:</b>	January 2013
<b>Project Design Cost %:</b>	2.4%

## ***Project Analysis***

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The fiscal 2013 budget includes \$2,166,000 in construction funds for Phase II of a campuswide site improvements project at Bowie State University which include a pedestrian walkway in the dormitory quad, resurfacing of parking lots and pedestrian sidewalks, landscaping, and pedestrian connections at the East and West Promenade.

The amount budgeted in the 2012 session *Capital Improvement Program (CIP)* is \$66,000 more than planned in the 2011 session CIP due to a change in the project scope which moved improvements to the Library Plaza and pedestrian connections at the East and West Promenade from Phase I to Phase II of the project. Site improvements were grouped into phases to minimize campus disruption during construction.

Phase II includes the following components:

- Create a new pedestrian plaza on the east side of the Thurgood Marshall Library. The project will also include storm drain improvements.
- Reconfigure and repair existing walkways around the residence hall quad to create an efficient pedestrian circulation system and eliminate areas with maintenance problems. The residence quad consists of Dwight Holmes Hall, Alex Haley Hall, and the Christa McAuliffe Complex. Project elements include the installation of benches and landscaping.
- Modify the main entrance diverting north and south bound traffic from Route 197 to Jericho Park Road to reduce traffic congestion, including new pedestrian crosswalks, a new campus directory, signage, parking, and landscaping.
- Repair and replace existing roadways, parking lots, paved areas, and curbs and gutters that are in poor condition throughout the campus. This component also includes the creation of Americans with Disabilities Act (ADA) accessible spaces in parking lots.

Funding for campuswide site improvements was provided from fiscal 2001 to 2003 for the installation of pedestrian walkways, lighting, furniture in the central quad, water main improvements, construction of the Loop Road South from the Main Entrance to the Maryland Area Regional Commuter (MARC) parking lot, a water main relocation in Jericho Park Road, a permanent tie-in to a Washington Suburban Sanitary Commission water line, and the demolition of a street next to MARC parking and the Martin Luther King, Jr. Center. The fiscal 2010 capital budget authorized funds for utility upgrades to the campus electrical distribution network.

Funding for Phase I of the current project was provided in 2011. Phase 1 includes new pedestrian pathways between campus buildings; restoration of existing pavement; ADA improvements to provide paths for those with disabilities; and the installation of lights, decorative vegetation, information kiosks, and signage at major campus entrances. The project also addresses traffic congestion by diverting traffic from Route 197 onto Jericho Park Road.

*RB23A – USM – Bowie State University*

The contract award for Phase I and II for the Campuswide Site Improvement project will occur after BPW review and approval, which is scheduled for April 2012. Both phases of the project will be awarded as one contract. Although originally scheduled to begin in January 2012, Phase I will begin as soon as approval is granted, and work for Phase II will begin at the start of fiscal 2013, or July 2012. Both phases are scheduled to be completed on time.

***Prior Authorization and Capital Improvement Program***

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**Authorization Uses  
(\$ in Millions)**

<i>Fund Uses</i>	<i>Prior Authorization</i>	<i>2013 Request</i>	<i>2014 Estimate</i>	<i>2015 Estimate</i>	<i>2016 Estimate</i>	<i>2017 Estimate</i>
Acquisition	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Planning	0.250	0.050	0.000	0.000	0.000	0.000
Construction	1.707	2.116	0.000	0.000	0.000	0.000
Equipment	0.000	0.000	0.000	0.000	0.000	0.000
<b>Total</b>	<b>\$1.957</b>	<b>\$2.166</b>	<b>\$0.000</b>	<b>\$0.000</b>	<b>\$0.000</b>	<b>\$0.000</b>

**Authorization Sources  
(\$ in Millions)**

<i>Fund Sources</i>	<i>Prior Authorization</i>	<i>2013 Request</i>	<i>2014 Estimate</i>	<i>2015 Estimate</i>	<i>2016 Estimate</i>	<i>2017 Estimate</i>
GO Bond	\$1.957	\$2.166	\$0.000	\$0.000	\$0.000	\$0.000
<b>Total</b>	<b>\$1.957</b>	<b>\$2.166</b>	<b>\$0.000</b>	<b>\$0.000</b>	<b>\$0.000</b>	<b>\$0.000</b>

***Executive’s Operating Budget Impact Statement***

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(\$ in Millions)

	<i>FY 2013</i>	<i>FY 2014</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>
Estimated Operating Cost	\$0.039	\$0.055	\$0.057	\$0.059	\$0.061
Estimated Staffing	1	1	1	1	1

According to the fiscal 2013 CIP, the campuswide site improvements are anticipated to impact the operating budget beginning in fiscal 2013 at \$39,000 to support 1 position, fuel and utilities, and supplies and materials for the project.

## ***GO Bond Recommended Actions***

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1. Approve.

**Capital Project Cost Estimate Worksheet**

**Department:** Bowie State University  
**Project Number:** RB23A  
**Project Title:** Campuswide Site Improvements - Phase II  
**Analyst:** Garret T. Halbach

***Structure***

New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	\$0
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment:			0
Demolition:			0
Information Technology:	0 GSF X	\$0.00 GSF =	0
Telecommunications:			0
Miscellaneous – Other:			0
Miscellaneous – Other:			0
Miscellaneous – Other:			0
<b>Subtotal</b>			<b>\$0</b>
Regional Factor:	100.0%		0
<b>Subtotal</b>			<b>\$0</b>
Escalation to Mid-point:	1.75 Yrs. X	3.7% =	6.50%
<b>Total Cost of Structure (Bid Cost)</b>			<b>\$0</b>

***Site Work and Utilities***

Site Improvements:	1,845,000 + regional factor + mid-point escalation	\$1,964,925
Utilities:	0 + regional factor + mid-point escalation	0
<b>Project Subtotal (Bid Cost)</b>		<b>\$1,964,925</b>

***Fees and Miscellaneous Costs***

Green Building Premium:	0.0%	\$0
Total Construction Contingency:	5.0%	98,246
Inspection Cost:	2.2%	43,228
Miscellaneous: CPM Schedule		10,000
Miscellaneous:		
Miscellaneous:		0
A/E Fee through Construction Phase @	2.4%	50,000
<b>Total Cost of Project</b>		<b>\$2,166,399</b>

<b>Base Cost Per New Square Foot</b>	<b>\$0</b>
<b>Adjusted Cost Per New Square Foot (incl. escalation, contingencies, and Green Bldg.)</b>	<b>\$0</b>
<b>Base Cost Per Renovated Square Foot</b>	<b>\$0</b>
<b>Adjusted Cost Per Renovated Square Foot (incl. escalation, conting., and Green Bldg.)</b>	<b>\$0</b>