

**ZB02A**  
**Local Jails and Detention Centers**  
**Department of Public Safety and Correctional Services**

***Wicomico County Detention Center (Wicomico County)***

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**General Obligation Bonds** **\$50,000**

***Summary of Recommended Bond Actions***

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1. Wicomico County Detention Center

Approve.

**Bill Text:** Provide a grant to the County Council of Wicomico County to upgrade the fire alarm system at the Wicomico County Detention Center, subject to the requirement that the grantee provide an equal and matching fund for this purpose. Notwithstanding Section 1(5) of this Act, the matching fund may include funds expended prior to the effective date of the Act.

**Project Description:** This request is for the State share of funds to upgrade the fire alarm system at the Wicomico Detention Center. The facility's current fire alarm system is outdated and control panels, circuit boards, and switches cannot be replaced to address life-safety issues resulting from system failure and repeated malfunctions.

***Project Summary Information***

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<b>Total Project Cost:</b>	\$101,179	<b>State % Match:</b>	49.4%
<b>Budget Estimate Stage:</b>	Budget	<b>Approved Program Plan:</b>	Part I Approval Pending
<b>Est. Completion Date:</b>	January 2013		

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For further information contact: Rebecca J. Ruff

Phone: (410) 946-5530

## ***Project Analysis***

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The total cost of the project is \$101,179, and the State’s share of the total cost is \$50,000. The Wicomico County Detention Center has been in use since 1988 and is the largest detention center on the Eastern Shore of Maryland, with a fiscal 2011 average daily population of 475 inmates. The facility houses both men and women, including pre-trial detainees, inmates serving sentences of 18 months or less, and Immigration and Naturalization Service detainees.

The outdated fire alarm system divides the facility into 27 zones with at least 20 smoke detectors in each zone. The system does not contain carbon monoxide detectors, and the smoke detectors in each zone often get stuck in the “alarm” or “trouble” mode, making it difficult to identify and respond to emergency situations. In July 2011, over 300 inmates had to be evacuated from the facility due to a malfunction in the gas-fired, hot water heater. Because there are no carbon monoxide detectors, local fire companies and hazardous materials teams spent six hours identifying the affected zones and clearing the building of carbon monoxide.

The proposed project would replace 189 smoke detectors, 13 heat detectors, 20 manual pull stations, 7 duct detectors, and 30 horn/strobe alerting devices along with adding a minimum of 12 carbon monoxide detectors throughout the facility. All detectors and pull stations would be tied into a new addressable annunciator panel that will pinpoint the exact location of the potential hazard. The project is estimated to require four months to complete, including design and construction, and should be finished by January 2013.

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

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### **Authorization Uses and Sources (\$ in Millions)**

<i>Description</i>	<i>Prior Authorization</i>	<i>2013 Request</i>	<i>Future Request</i>	<i>Total</i>
Acquisition	\$0.000	\$0.000	\$0.000	\$0.000
Planning	0.000	0.000	0.000	0.000
Construction	0.000	0.101	0.000	0.101
Equipment	0.000	0.000	0.000	0.000
<b>Total</b>	<b>\$0.000</b>	<b>\$0.101</b>	<b>\$0.000</b>	<b>\$0.101</b>
<b>State</b>	<b>\$0.000</b>	<b>\$0.050</b>	<b>\$0.000</b>	<b>\$0.050</b>
Match	\$0.000	\$0.051	\$0.000	\$0.051

## ***GO Recommended Actions***

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1. Approve \$50,000 in general obligation bond funds to upgrade the fire alarm system at the Wicomico County Detention Center.