

*Attend the  
Public Meeting!*

WHEN:	WHERE:
<b>Thursday, October 23, 2014</b> 6:00 PM to 8:00 PM <i>Arrive at any time during meeting hours</i>	<b>Anne Arundel Community College - Cade Center for Fine Arts, Room 219</b>  101 College Parkway Arnold, MD 21012  <i>There will be no formal presentation.</i>

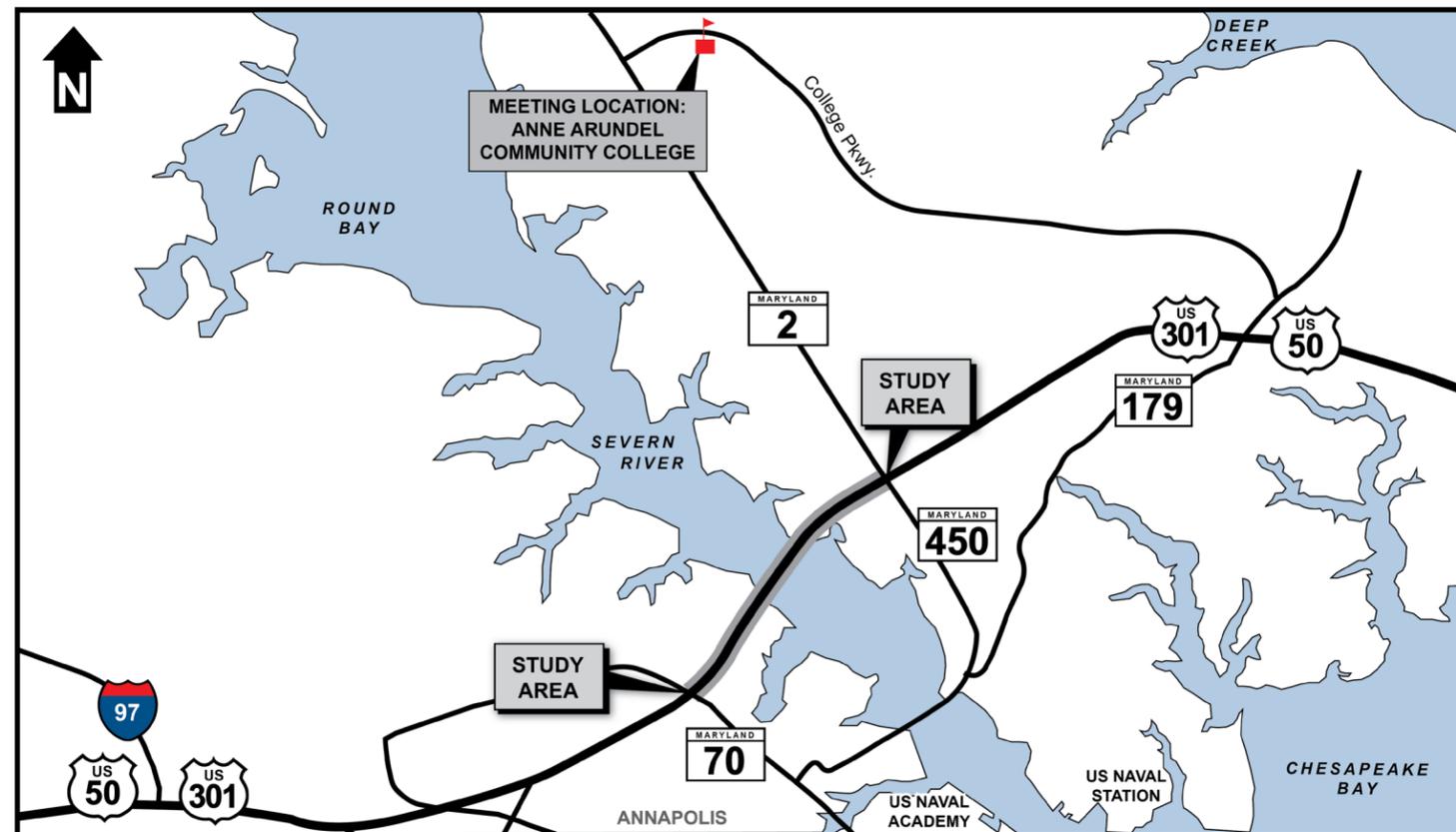
Martin O'Malley, Governor | James T. Smith, Jr., Secretary  
 Anthony G. Brown, Lieutenant Governor | Melinda B. Peters, Administrator

## Project Background

In August 2011, SHA completed the *US 50 at Severn River Bridge Feasibility Study* to develop and evaluate concepts to relieve traffic congestion along US 50 at the Severn River Bridge, specifically during morning, evening, and summer peak travel periods. On December 16, 2009, SHA hosted an Open House at Anne Arundel Community College to present concepts being considered and solicit feedback from community members, commuters, elected officials, and other interested persons and groups.

## Request for Assistance

The Maryland Relay Service can assist teletype users at 7-1-1. Persons requiring assistance to participate, such as an interpreter for hearing/speech disabilities or assistance with the English language, should contact Ms. Tessa Young by October 16, 2014.



## US 50 at Severn River Bridge Project Planning Study Moves Forward; Informational Workshop Scheduled

Work is continuing on the US 50 at Severn River Bridge Project Planning Study initiated in winter 2014. The Maryland State Highway Administration (SHA) is evaluating transportation improvements along two miles of US 50, from MD 70 (Rowe Boulevard) to MD 2 (Governor Ritchie Highway) in Anne Arundel County, including the bridge crossing the Severn River. The project planning study is an in-depth analysis of the information and recommendations from a feasibility study completed in 2011.

The Informational Workshop will include displays of the preferred alignment from the 2011 feasibility study, traffic data, and a discussion of construction-related issues such as changes to normal traffic flow. Attendees may arrive at any time during workshop hours to review project information and share their project-related questions and comments with SHA staff. (See back page for meeting details.)

## Purpose of the Project

The purpose of the project is to investigate operational improvements for the US 50 Severn River Bridge. The goal is to provide a near-term solution, primarily for the US 50 eastbound direction, that addresses reoccurring traffic congestion.

## Need for the Project

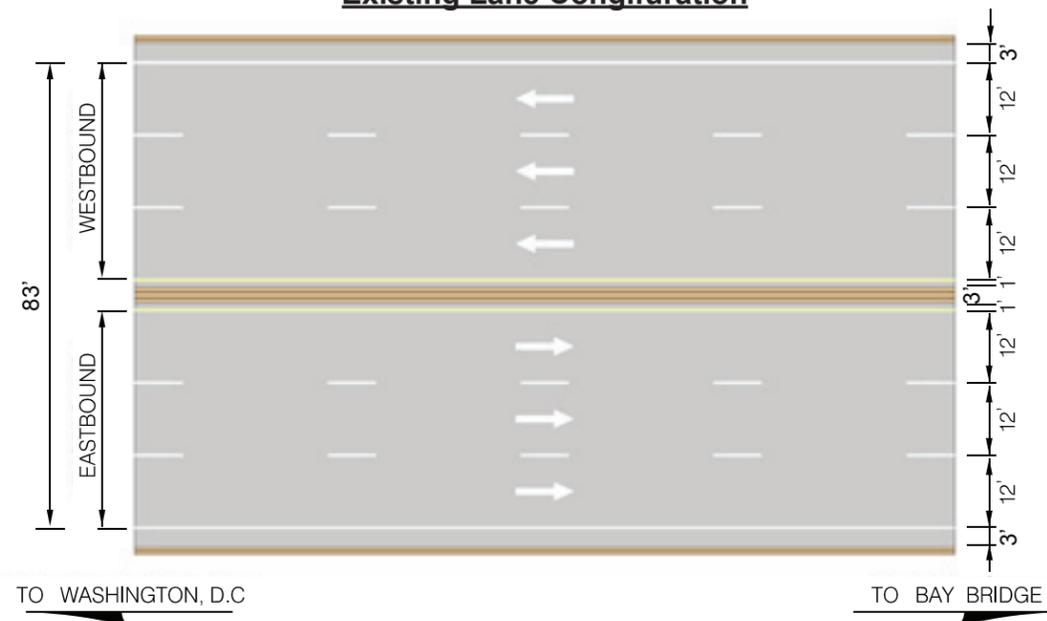
The traveling public and the City of Annapolis have long been concerned about evening traffic congestion on eastbound US 50 and drivers cutting through surrounding neighborhoods to avoid that congestion. Anne Arundel County has identified improvements along US 50 near the Severn River Bridge as a transportation priority.

## Recommended Concept

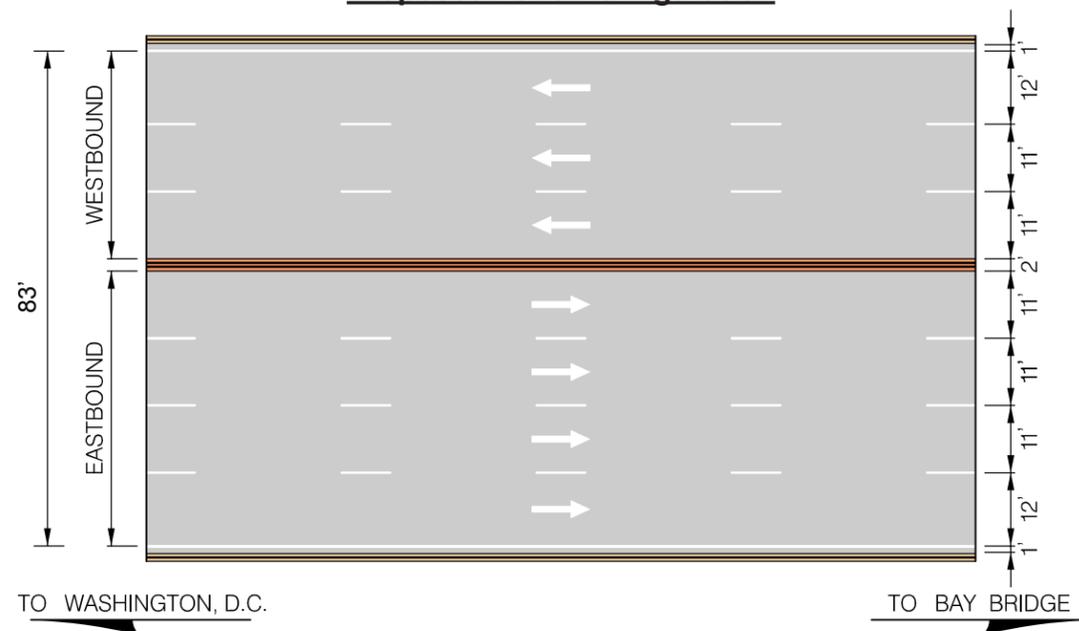
The project planning study will further analyze and refine the completed feasibility study's recommended concept in greater engineering and environmental detail. The Recommended Concept, *Concept 1B-Additional Eastbound Lane (Shift Existing Median Barrier)*, includes the following features:

- Removes the existing median barrier between the Ridgely Avenue overpass and the MD 2/ MD 450 Interchange;
- Restripes US 50 to provide seven through lanes;
- Replaces an approximate seven-foot-wide strip of the bridge deck; and
- Constructs a new concrete-median traffic barrier along the existing bridge to provide four through lanes in the eastbound direction and three through lanes in the westbound direction.

### Existing Lane Configuration



### Proposed Lane Configuration



## Traffic Analysis

Currently, the Average Daily Traffic (ADT) crossing the Severn River Bridge is approximately 120,000 vehicles per day. This number is projected to increase by approximately 33 percent to about 160,000 vehicles per day by the year 2040. (See Table 1)

SHA conducted a traffic analysis for existing (2014) and forecasted (2025 and 2040) No-Build and Build conditions to assess approximate delay. In order to get an overall picture of how this project would improve US 50 within the Annapolis vicinity, the traffic analysis was performed between I-97 and MD 179. Under current travel conditions, the average motorist driving eastbound along this segment is delayed three minutes during the evening rush hour. Delay is expected to gradually increase to 11 minutes per vehicle by 2025 and 2040. With recommended improvements in place, delay along eastbound US 50 during the evening rush hour is reduced to two minutes or less through 2040. Option 1B provides drivers nine minutes of travel-time savings in 2025 and beyond.

During the summer Friday evening rush hour, travel-time savings obtained under Option 1B (Build Condition) are more modest. The average motorist driving along US 50 between I-97 and MD 179 would experience less delay than if no improvements were in place. Table 2 further illustrates the vehicle delay for each peak period.

**TABLE 1**

Average Daily Traffic (ADT) US 50 at Severn River Bridge (From MD 70 to MD 2)	
Year	ADT
2014	120,000
2025	135,000
2040	160,000

**TABLE 2**

Approximate Average Delay (minutes per vehicle) – US 50 Eastbound Traffic between I-97 and MD 179						
Year	No-Build Condition			Build Condition		
	Typical AM Peak	Typical PM Peak	Summer Friday PM	Typical AM Peak	Typical PM Peak	Summer Friday PM
2014 (Existing)	0	3	8	0*	1*	1*
2025	0	10	16	0	1	10
2040	0	11	21	0	2	20

\* These values represent the duration of delay if build conditions were in place.

## Next Steps

- Refine Preferred Alternative.....Spring 2015
- Prepare Environmental Document.....Fall 2015
- Receive Location/Design Approvals.....Spring 2016

The US 50 at Severn River Bridge Project Planning Study is funded for project planning only. Final design, right-of-way acquisition, and construction will proceed as additional funds become available.

## Public Involvement; Project Mailing List

We are committed to keeping you informed and involved during this process. To share your project-related questions and comments, or to add/remove your name, address, and/or email address to/from the project mailing list, please contact Ms. Tessa Young, Project Manager, at the following address, email, or phone numbers:

**Ms. Tessa Young**, Project Manager  
 Maryland State Highway Administration  
 707 N. Calvert Street, Mail Stop C-301  
 Baltimore, MD 21202  
 Telephone: 410-545-8527  
 Toll-free in Maryland: 1-800-548-5026  
 Email: [tyoung@sha.state.md.us](mailto:tyoung@sha.state.md.us)

The project team is available to meet with businesses, homeowners associations, and other groups upon request as the project moves forward. For more information about this project, please visit our website at [www.roads.maryland.gov](http://www.roads.maryland.gov) and click on **Projects & Studies, Transportation Projects Page, Anne Arundel County, US 50 SRI-MD 70 to MD 2**, or use the QR Code.

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