



MD 140 Bridge Reconstruction over North Branch of the Patapsco River Public Meeting, May 21, 2013

Presentation Goals



- ▶ Provide an overview of the purpose and scope of the project.
- ▶ Describe how the project will affect traffic.
- ▶ Outline the four construction stages and the lane configurations in each.
- ▶ Provide information about how to stay informed as the project moves forward.

Project Overview: Why?

- ▶ Part of SHA's ongoing, statewide bridge system preservation program
- ▶ Bridge was built in 1946 and is showing signs of deterioration
- ▶ Project will extend the service life of the bridge by an additional 30 to 50 years
- ▶ Will save money on future maintenance



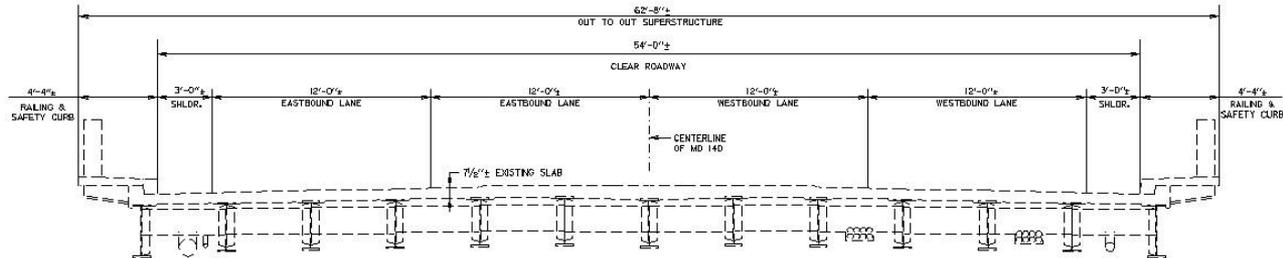
Project Overview: Scope

- ▶ Project includes replacing the bridge deck (driving surface) and superstructure (supporting steel beams)

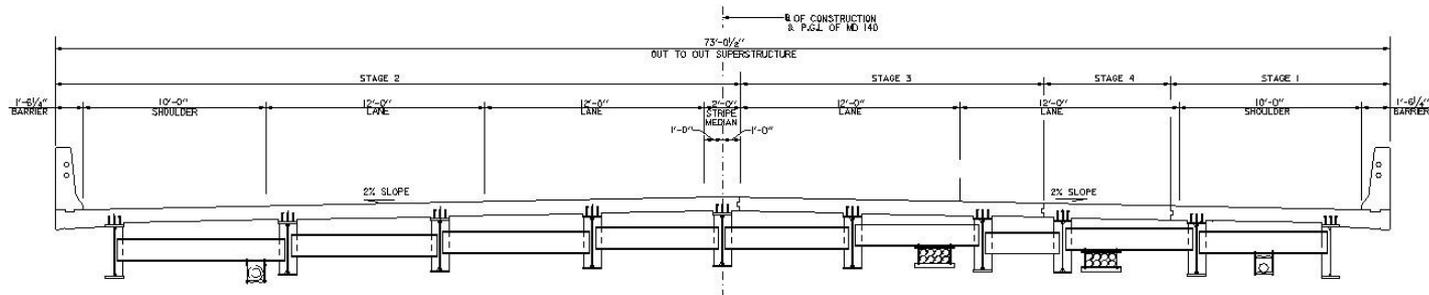


Project Overview: Scope

- ▶ Bridge will be widened to match the width of the approach roadway on either side



Existing: 3-foot shoulders

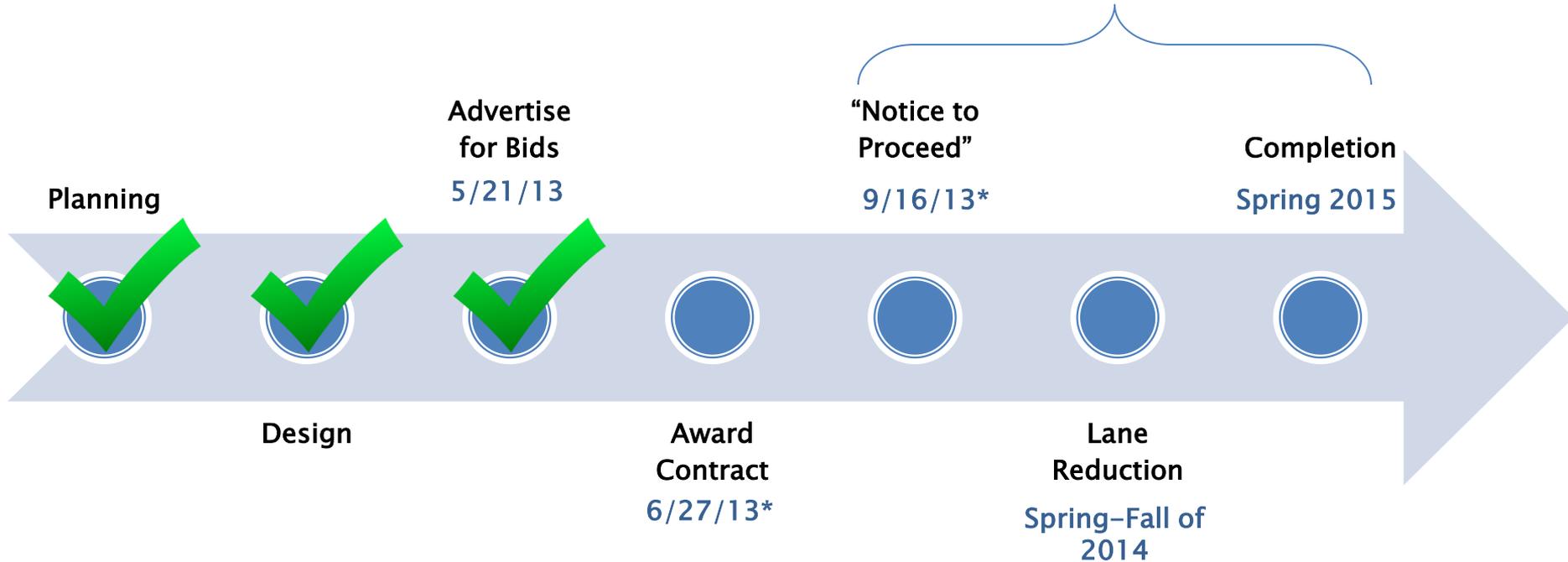


Planned: 10-foot shoulders, additional distance between opposing lanes

Project Overview: Timeline



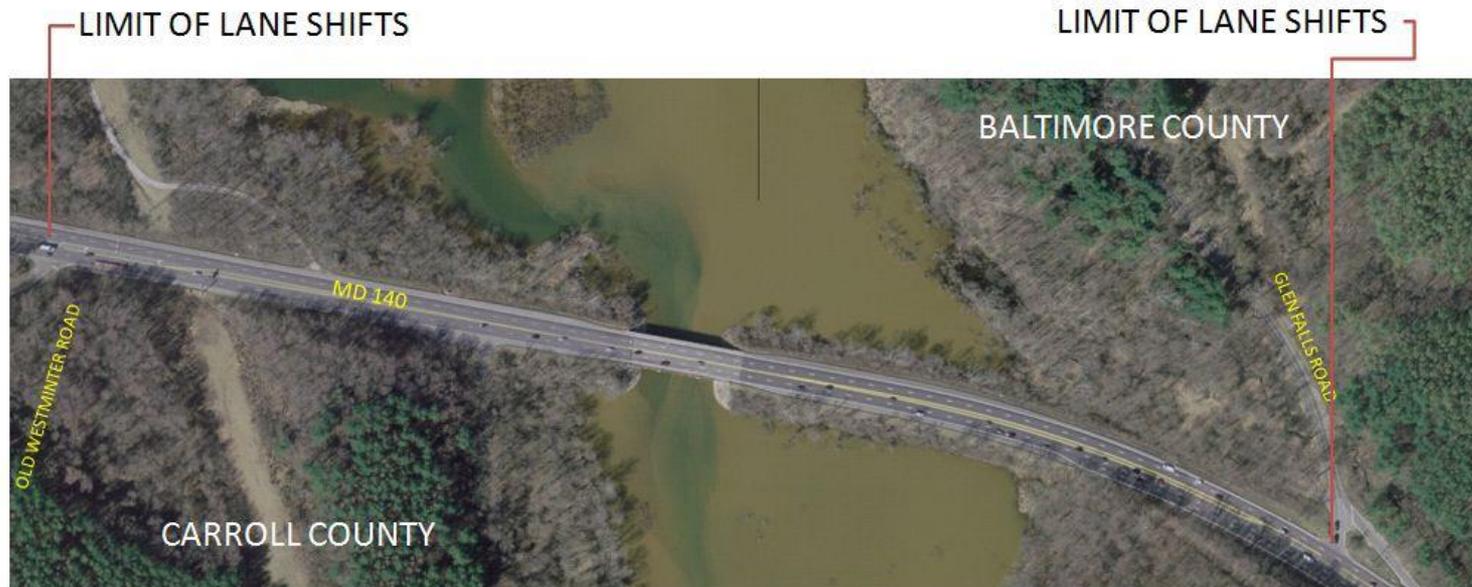
Construction



*Estimated date; subject to change

Traffic Impacts

- ▶ Speed limit lowered to 45 mph throughout the project (normally 50 mph)
- ▶ MD 140 reduced to three lanes spring–fall 2014
 - Center lane will be reversible, toward Baltimore in AM and toward Westminster in PM and on Weekends



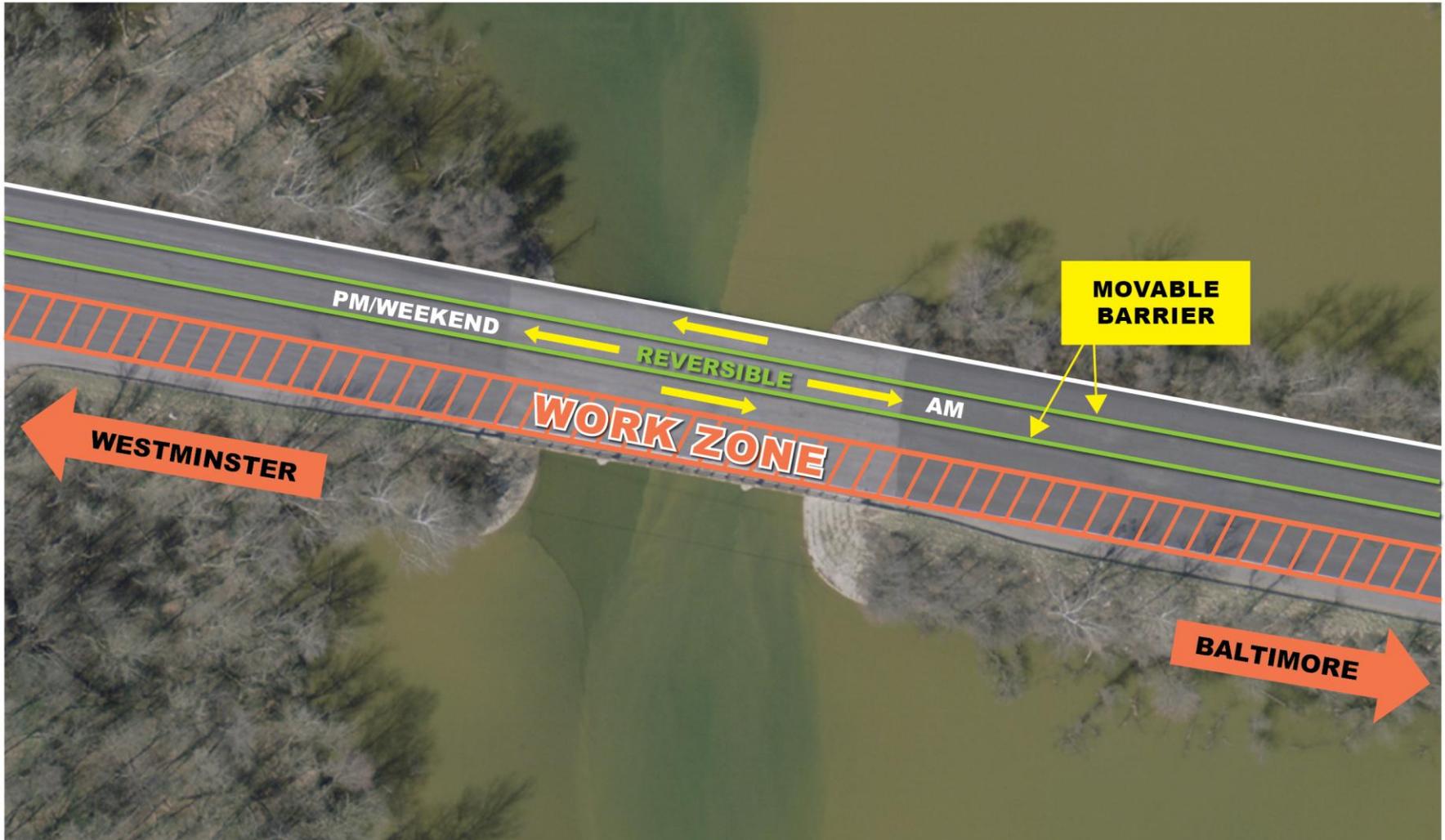
Stage 1 (Fall and Winter 2013)

Widen Bridge on Westbound Side; All Lanes Maintained





Stage 2 (Spring and Summer 2014) Reconstruct Eastbound Side; Three Lanes with Reversible Lane



Stage 3 (Summer and Fall 2014) Reconstruct Westbound Side; Three Lanes with Reversible Lane



Stage 4 (Winter 2014 - Spring 2015) Complete Construction of New Bridge Deck; All Lanes Open



Reversible Lane

- Movable barrier will separate opposing-direction lanes
- Overhead lane use signals will show green arrow or red x for each lane
- Reversible lane schedule: (weekdays):
 - Must be eastbound 5 a.m. – 9 a.m.
 - Must be westbound 3 p.m. – 7 p.m.
 - Switch will take about 30 minutes and will occur sometime between 9 a.m. and 3 p.m., again between 7 p.m. and 5 a.m.



Construction Schedule



- Anticipated Notice to Proceed date: September 16, 2013
- Stage 1: Fall and winter 2013
 - Widen bridge on westbound side
- Stage 2: Spring and summer 2014
 - Reconstruct bridge on eastbound side
- Stage 3: Summer and fall 2014
 - Reconstruct existing bridge on westbound side
- Stage 4: Winter 2014 – Spring 2015
 - Complete construction of new bridge deck

Project Website

www.bitly.com/140bridge



A screenshot of a web browser displaying the project website. The page has a dark blue header with navigation tabs: HOME, BUSINESS CENTER, PROJECTS & STUDIES, COMMUTER & TRAVEL, SAFETY PROGRAMS, ENVIRONMENT & COMMUNITY, and INFO CENTER. On the left, there is a vertical sidebar with the SHA logo and the same navigation tabs. The main content area is titled 'PROJECT INFORMATION' and includes a 'Projects Home' link and a 'Projects Advanced Search' link. Below this, there are tabs for 'Project', 'Schedule', 'Documents', 'Contacts', 'Map(s)', 'Media', 'Feedback', and 'FAQ'. The 'Project' tab is active, showing 'County: Baltimore' and 'Project Number: BA607_21'. A large photograph of a multi-lane highway bridge with a guardrail and trees in the background is displayed. On the right side of the page, there is an RSS icon, a 'Select Language' dropdown menu, and a 'Powered by Google Translate' notice.

- ▶ Project information
- ▶ Displays
- ▶ Construction update newsletter and photos
- ▶ FAQ
- ▶ Contact information
- ▶ Email list: Sign up on contact sheet here tonight or through “Feedback” tab on project website

Traffic Conditions

www.md511.org

- ▶ View alerts about traffic events on an interactive map
- ▶ Click on My Maryland 511 to sign up for personalized email or text alerts about traffic on your selected route(s)
- ▶ View live traffic cameras



The screenshot shows the Maryland 511 Traveler Information website. At the top, it features the Maryland State Department of Transportation logo and the text "511 TRAVELER INFORMATION". A navigation bar includes links for Home, My Maryland 511, Interactive Map, Traffic Events, Traveler Information, and Weather Conditions. The main content area is titled "Welcome to Maryland 511" and includes a "Highlights" section with road maintenance alerts, a "Select A Region" map, and a "Camera Views" section. On the right side, there are sections for "REGISTER NOW!" and "MY MARYLAND 511 LOGIN" with fields for Username and Password. At the bottom, there is a "FOLLOW US ON Twitter" button and a "Home | About | FAQs | Contact Us | Accessibility | Privacy Policy | Terms of Use" footer.

Contact Information



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Questions?