

# Bridge Replacement on MD Rte. 75 (Green Valley Road) over Haines Branch

## **What work is planned for this bridge?**

The existing bridge will be completely replaced with a single span prestressed concrete slab bridge. The main objectives of this project are to replace the deteriorated bridge, reduce the frequency of flooding, and increase the width of the bridge to provide a safer travel area. The new bridge provides shoulders on both sides of the roadway that meet the Americans with Disabilities (ADA) standards and SHA's bicycle requirements, supporting safety and mobility as a part of SHA's bridge preservation program.

## **Why is the work necessary?**

The existing MD 75 bridge, constructed in 1932, is structurally safe, but is showing signs of significant deterioration. This project is a part of SHA's bridge preservation and replacement program.

## **How will traffic be impacted by construction activities?**

The proposed method of maintaining traffic is to maintain two-way traffic in a one lane configuration using a system of signals located at each end of the project. This method of maintaining traffic has been successfully used on other similar SHA bridge replacement projects.

## **Have any other alternates been considered?**

Several options to replace the bridge, while minimizing impacts to the public were considered. Maintaining both lanes of traffic during construction was not an option because the bridge is too narrow to maintain both lanes and perform the required construction. Widening the bridge for maintenance of traffic would increase costs and impacts to sensitive environmental areas. Consideration was also given to closing the roadway and detouring all traffic to adjacent highways. While this had the advantage of allowing the project to be completed in the shortest time, it was not ideal due to the length of detour required for truck traffic on this route.

## **When will work be completed?**

SHA will make every effort to complete this project as quickly as possible while minimizing impacts to the traveling public and local communities. Construction is scheduled to begin in Summer, 2015. The project is anticipated to be completed by the end of 2015, weather permitting.

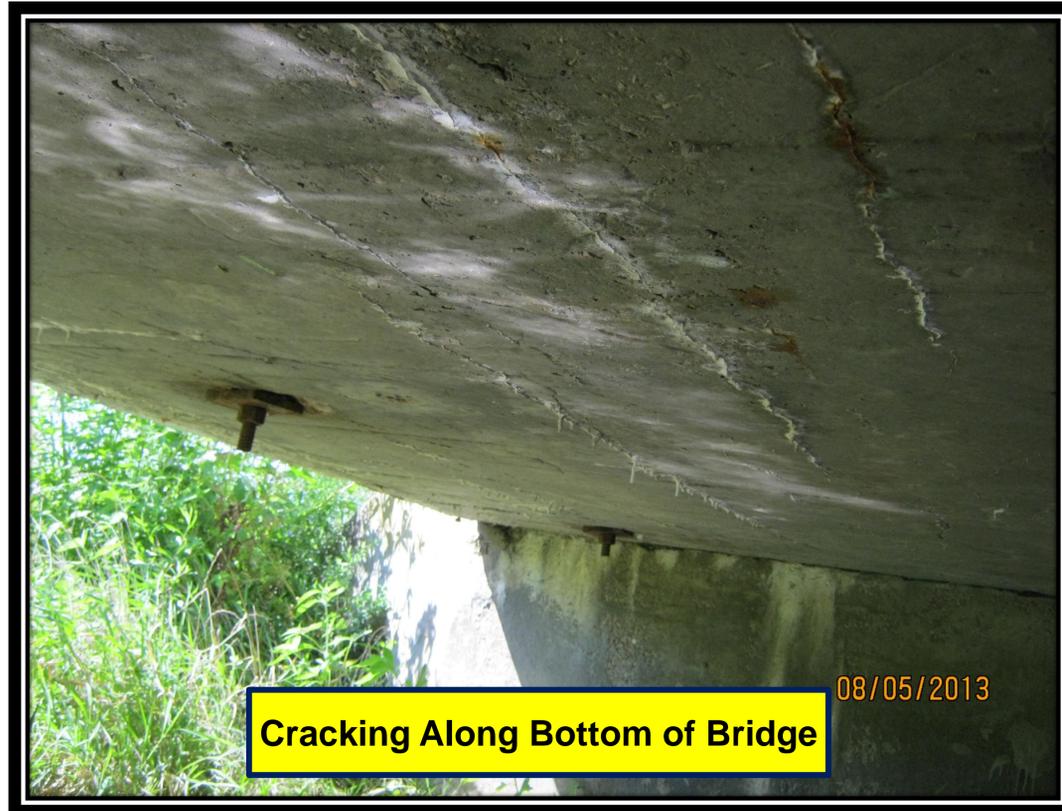
## Questions & Answers

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Photos

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Photos Showing Areas of Concern