

Bridge Replacement on MD Rte. 349 (Nanticoke Road) over Windsor Creek

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, 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 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 349 bridge, constructed in 1931, is structurally safe for the traveling public, but is showing signs of significant deterioration, and is rated as being structurally deficient. 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 detour traffic away from the site for a period of approximately 10-12 weeks and complete the construction in a single stage. This method of maintaining traffic has been successfully used on other similar SHA bridge replacement projects.

Have any other alternates been considered?

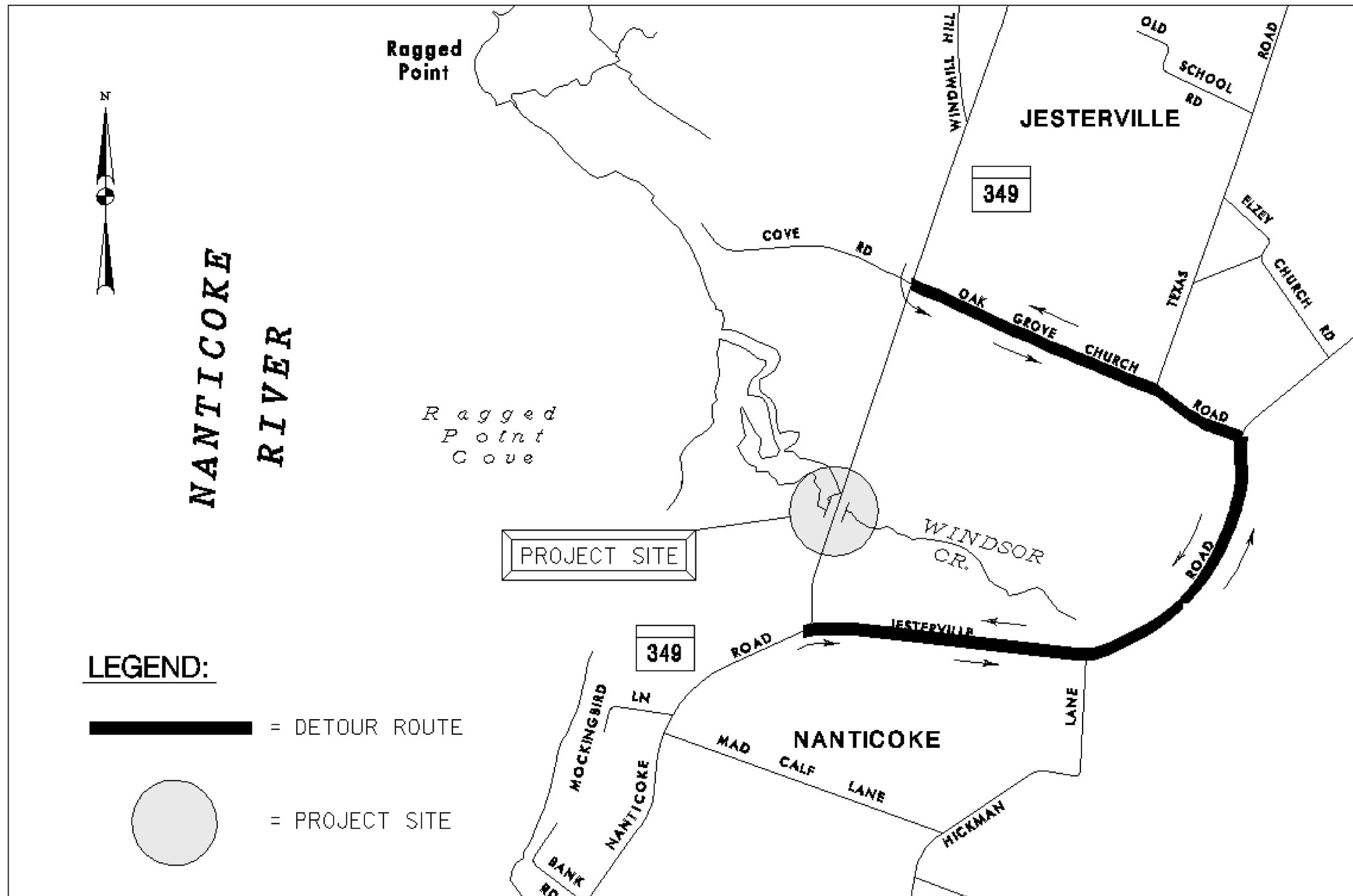
Several options to maintain traffic while the bridge is replaced were considered. Maintaining both lanes of traffic during construction was not an option because the bridge is too narrow to complete the work without extensive widening. This widening would have resulted in major impacts to the adjacent environmentally protected wetlands. Consideration was also given to maintaining a single lane of traffic and alternating traffic through the construction zone with a traffic signal. This alternative was found to be unacceptable based on the extended length of construction and the impacts it would have to warm weather recreational travel along MD 349.

When will the 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 should be completed by April 2017. The detour will be in effect from September 15, 2016 until December 15, 2016 (depending on weather), when the volume of seasonal traffic along MD 349 is lower. Site cleanup and landscaping will extend into spring 2017.

Questions & Answers

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Detour Route

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Project Location Map

Bridge Replacement on MD Rte. 349 (Nanticoke Road) over Windsor Creek



Photos