



Bridge MA-14 FAQ

June 2016

Monmouth County began the project to replace the Bridge MA-14 on County Route 6 (West Front St/Amboy Ave) over Matawan Creek in March 2016.

What type of work is being done?

The existing bridge will be replaced in its entirety with a new 350-foot long steel girder bridge founded on a Drilled Shaft Foundation. The bridge will be constructed on the existing alignment.

What is the status of the work?

The project remains on schedule. Currently the Contractor is completing all utility relocation work for the project. This consisted of relocating water and sewer facilities (by the Contractor), as well as, relocating all overhead utilities (by others). Additionally, the Contractor has fully mobilized to the site and will begin demolition of the structure once the NJDEP in-water restriction is lifted in July.

When will the existing bridge be closed to traffic?

The existing bridge was closed to traffic in May. The bridge is closed to the traveling public. A shuttle service has been set up for pedestrians looking to cross the structure. The Bridge will be reopened to traffic in November 2017.

What will the new bridge look like?

The new bridge will be 47.2-feet wide with two 12-foot travel lanes and four-foot shoulders, as well as, six-foot sidewalks in both directions. The new bridge will provide approximately twelve feet of vertical clearance versus the existing approximate eight foot clearance above mean high water elevation; the bridge will also maintain the approximate 48 feet of horizontal clearance within the navigable channel of Matawan Creek.

The bridge will be founded on a drilled shaft foundation, and the approach roadways will be elevated to reduce flooding impacts. Additionally the contractor will be installing grout inclusion columns in order to further improve soil conditions in the roadway. Additional improvements will be minor roadway widening on the bridge approaches, improved storm water drainage, highway lighting and new guide rail treatments. The bridge's concrete sidewalks will provide an ADA accessible route across the bridge.



View of the Existing Bridge (9/2015)



Ground Breaking Ceremony commencing construction (5/2016)

Why does the bridge need to be replaced?

Bridge MA-14, was originally constructed in 1915 as a six span, simply supported, through girder, floor beam, stringer structure 271 feet long and approximately 36 feet wide. The deck consists of a steel open grid deck with three of four spans being 70 feet 4 inches long and one span 60 feet long between bearings. The original substructure consisted of concrete encased H-piles at the piers and a pile supported concrete abutments.

Due to the bridge's age and severe corrosion of multiple members it required the bridge to be down posted to 5 tons.

How many vehicles travel across the bridge a day?

Prior to closure, the bridge has an average daily traffic flow of more than 8,000 vehicles at a posted speed limit of 30 mph. The bridge is approximately 36-feet wide and load posted for 5 tons.



Mockup of the New Bridge MA-14 (10/2015)

Why is this a Monmouth County project?

West Front Street/Amboy Avenue (CR 6) is a County road that travels from Keansburg to Aberdeen. The bridge is a connector between the two towns. Monmouth County owns and maintains this bridge as well as 980 other bridges and culverts throughout the County's 472 square miles. All of these structures are monitored and maintained by the County's Department of Public Works and Engineering. The Monmouth County Board of Chosen Freeholders oversees the operation of County government infrastructure, activities and programs.

Who is doing the work to rehabilitate the bridge?

The work is being done by George Harms Construction Inc., Farmingdale, NJ. The project is being funded by the Federal Highway Administration and is being administered by NJDOT Local Aid. The North Jersey Transportation Planning Authority is assisting with the project as well. The County's Department of Public Works and Engineering is overseeing this project.

Where may I get more information about this project?

Information about Bridge MA-14 and other County road and bridge projects is available on the [Roads and Bridges section](#) of the County website at www.visitmonmouth.com. Specific questions about the project should be addressed to Joseph.Strafaci@co.monmouth.nj.us or you should call the County's Engineering & Traffic Safety Division 732-431-7760, ext. 3716.



*George Harms installing the new
Water & Sewer Line
5/2016*