

Hurley Avenue Bridge

Concrete Bridge Deck Testing Scheduled

Project

Description:

The City's bridge consultant, *EBA Engineering, Inc.*, is currently designing improvements to the Hurley Avenue bridge, which requires an intensive analysis of the concrete bridge deck. The bridge spans over a Watts Branch tributary stream between Dundee Road and Watts Branch Parkway. *EBA Engineering* and its sub-consultant, *Froehling and Robertson, Inc.*, will be removing concrete cores from the bridge deck on Wednesday, Aug. 21, 2013. These cores will be tested and analyzed to determine the life expectancy of the bridge deck, as part of deck testing.

A total of eight concrete cores will be removed from the bridge (eastbound and westbound lanes) using a saw to cut the concrete. Removing the cores requires one lane at a time (alternating) to be temporarily closed on the bridge. Traffic control devices will be set up during this task and flaggers will be used to direct traffic. Additionally, Variable Message Signs (VMSs) will be set up one week in advance alerting motorists of the upcoming work and traffic delays.

Purpose:

As part of Rockville's Bridge Rehabilitation program, the Department of Public Works will be repairing bridges within City rights-of-way. Inspections of the 18 City-owned long span bridges (greater than 20-feet) are federally funded and are inspected every two years. This program meets the Mayor and Council's goal for a sustainable infrastructure. The program repairs bridges prioritized based upon structural improvements recommended in the bridge inspection reports.

Location:

Hurley Avenue bridge between Dundee Road and Watts Branch Parkway

Timeline:

Work is scheduled during the day of Wednesday, Aug. 21, 2013, and will be completed between 9:00 a.m. and 4:00p.m., weather permitting. This field work will be completed in one day; however the rain date for the work is Thursday, Aug. 22.

Cost:

\$20,000 (estimated deck testing and analysis cost)

Contact:

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