

# Study on health of nation's bridges includes 17 local deficient structures

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A study by Transportation for America detailed more than 60,000 bridges and overpasses nationwide that are structurally deficient, or worse.

Today, the coalition, which pushes for smarter spending and a safer transportation infrastructure, released the findings from its analysis of bridge inspections across the U.S.

“Today ... there are more deficient bridges in our 100 largest metropolitan areas than there are McDonald’s locations nationwide,” said James Corless, director of Transportation for America.

In the Fredericksburg area, the group pinpointed 17 structurally deficient bridges, which means the structures need maintenance, rehabilitation or replacement. They range from small, rural structures crossed by fewer than 200 cars a day to bigger spans used by more than 30,000 vehicles daily.

The Chatham Bridge is perhaps the most prominent span on the list. Locals will probably wonder why the Falmouth Bridge isn’t on the list. That’s because it’s not rated that low; the bridge is, however, rated functionally obsolete, meaning its design is outdated and that it can no longer sufficiently handle the traffic volumes.

According to the Virginia Department of Transportation, Virginia has 20,991 bridges. As of May 24, 2013, there are 1,576 structurally deficient structures and 3,314 that are functionally obsolete.

A map of the Transportation for America’s findings shows the structurally deficient bridges in the immediate Fredericksburg area. The list is below. Look for more details in a story later online and in The Free Lance-Star.

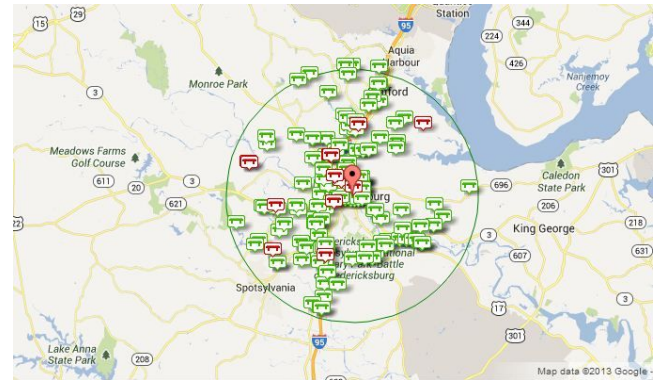
## Local Structurally Deficient Bridges

### Stafford

Route 608/Raven Road; 152 cars cross it daily. Built 1963. Ratings: Deck-6; Superstructure-4; Substructure-4.

U.S. 1, just north of Centreport Parkway. 14,151 cars a day. Built 1930. Ratings: D-6; Sup-6; Sub-4.

Interstate-95 over U.S. 17 (ID 18085). 68,231 cars a day. Built 1963. Ratings: D-5; Sup-4; Sub-7.



Poor-Bridge-Map.jpg

Kings Highway/Route 3, the Chatham Bridge. 20,324 cars a day. Built 1941. Ratings: D-5; Sup-5; Sub-4.

U.S. 1, near Russell Road. 20,704 cars a day. Built 1933. Ratings: D-4; Sup-4; Sub-4.

U.S. 1, near Telegraph Road. 23,875 cars a day. Built 1925. Ratings: D-4; Sup-4; Sub-4.

Route 648/Ruffian Drive. 1,006 cars a day. Built 1997. D-N; Sup-N; Sub-N.

### **Spotsylvania**

Route 618/Spotswood Furnace Road. 242 cars a day. Built 1932. Ratings: D-6; Sup-4; Sub-6.

Route 616/Spotswood Furnace Road. 242 cars a day. Built 1932. Ratings: D-7; Sup-3; Sub-6

Route 610/Gardenia Road. 869 cars a day. Built 1992. Ratings: D-N; Sup-N; Sub-N.

Route 208/Bloomsbury Lane. 760 cars a day. Built 1990. Ratings: D-N; Sup-N; Sub-N.

Route 17/ Mills Drive, bridge over I-95. 26,689 cars a day. Built 1962. Ratings: D-5; Sup-5; Sub-4.

Route 606/Mudd Tavern Road. 11,892 cars a day. Built 1964. Ratings: D-4; Sup-6; Sub-4.

Route 703/Seays Road. 861 cars a day. Built 1970. Ratings: D-6; Sup-4; Sub-4.

### **Fredericksburg**

Fall Hill Avenue, over the Rappahannock Canal. 5,165 cars a day. Built 1950. Ratings: D-5; Sup-4; Sub-5.

U.S. 1, over the Rappahannock Canal (ID 20249). 28,425 cars a day. Built 1945. Ratings: D-5; Sup-4; Sub-4.

U.S. 1, over Hazel Run. 31,522 cars a day. Built 1946. Ratings: D-5; Sup-4; Sub-4.