



DEPARTMENT OF ENGINEERING AND PLANNING
 Division of Engineering
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 William J. Koppenaal, P.E.
 Division Director/Assistant County Engineer

Public Notice: Bridge S-25 Weight Posting Reduction Distributed: December 4, 2015

Facility:

Sussex County Bridge S-25

Carrying CR 622 (a.k.a. Newton-Swartwood Road) over Swartwood Creek in Stillwater Township, NJ.

Advisory:

Subsequent to a recent routine federally funded NBIS* Bridge Inspection, Engineers re-calculated the load carrying capacity of Bridge S-25 in its current condition.

* NBIS = National Bridge Inspection Standards

Based on their results, the NBIS Engineer has declared the Bridge to be Structurally Deficient and recommended that the current posting of 36 Tons be reduced to the posted loads shown below and in the image at right, using a silhouette sign:

25 Tons – AASHTO Type 3 Truck (i.e. Box / Dump Truck)

33 Tons – NJDOT Type 3S2 Truck (i.e. Tractor Trailer)

39 Tons – AASHTO Type 3-3 Truck (i.e. Tandem Truck & Trailer)

Therefore, in the interest of public safety, and in accordance with Federal and State bridge evaluation guidelines, Bridge S-25 will be load posted in accordance with the above.

Actions To Be Taken:

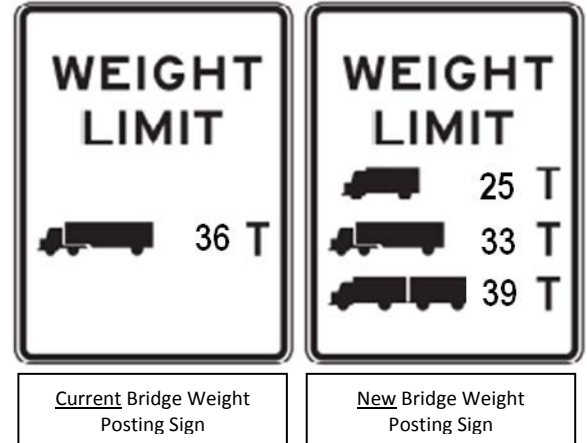
- NJ One Call utility mark out prior to sign installation
- Sign fabrication by Sussex County Office of Bridge & Traffic Safety in-house forces.
- **BRIDGE WEIGHT POSTING:** Following fabrication of signage and “clearing” of utility mark outs, the Sussex County Office of Bridge & Traffic Safety will install revised load posting signs as shown at top right.

Follow Up Actions:

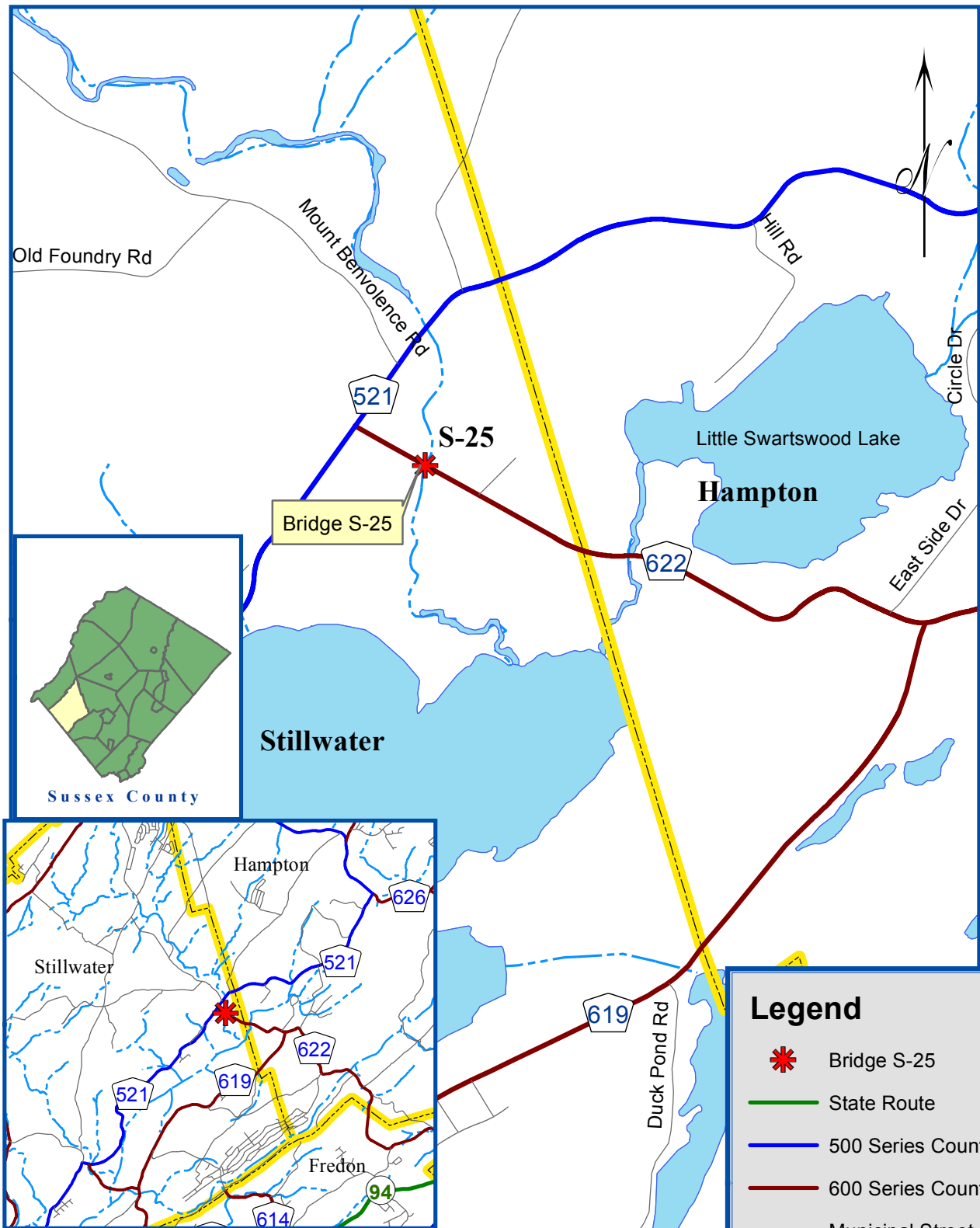
The Division of Engineering has directed its on-call Consultant, Genesis Engineering, to review the condition of Bridge S-25 and provide preliminary alternatives for repair or rehabilitation in an effort to postpone the \$2.5M replacement of this 75 yr. old bridge.

Contact Information:

For more information about this bridge please contact Matt Sinke, Principal Engineer, of the Sussex County Division of Engineering at 973-579-0430 or dpw@sussex.nj.us.



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Sussex County Division of Engineering
 County Bridge S-25
 CR 622 Newton-Swartwood Road
 Stillwater Township
 Location Map - Not to Scale