



DEPARTMENT OF ENGINEERING AND PLANNING  
 Division of Engineering  
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 Newton, New Jersey 07860  
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 Matthew Sinke, P.E.  
 Division Director/Assistant County Engineer

Design of Bridge X-54 Replacement

Distributed: October 14, 2020

**ADVANCED TRAFFIC ADVISORY FOR GEOTECHNICAL INVESTIGATION**  
 Currently Scheduled for Monday October 19<sup>th</sup>

Project Overview:

Replacement of the steel girder and open grid deck Bridge X-54 on Oil City Road in Wantage Township.

Initial soil borings were gathered as part of a geotechnical investigation earlier this year. To better evaluate the existing subsurface conditions for the design of a new replacement bridge, more information about the subsurface soil conditions at the bridge will be obtained.

Therefore, a truck mounted drilling rig (see adjacent sample photo) will be mobilized at this location to conduct additional in-depth geotechnical soil borings (See below for further details of traffic impacts).

What & Where:

Oil City Road at Bridge X-54 will be **temporarily closed** to through traffic during the geotechnical engineering investigation. Access to driveways and municipal roads will be maintained throughout the duration of the operation. For a map of the detour route designated during this temporary closure, see the attached detour plan.

When:

The geotechnical investigation is expected to take one day, between 7:00 AM and 5:00 PM. The bridge will be reopened at the end of the work day on 10/19.

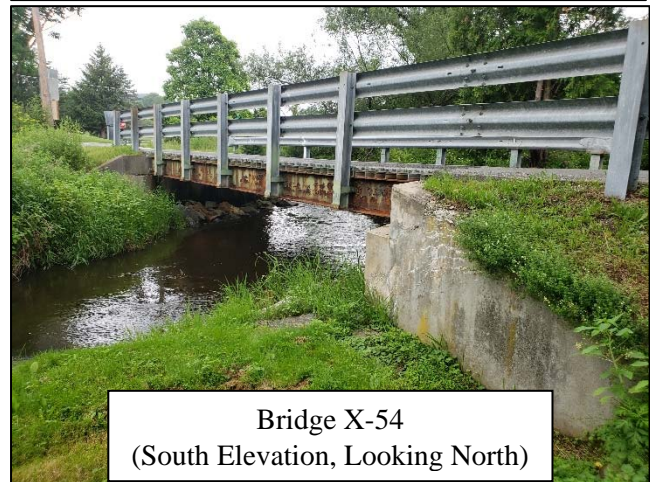
- Monday 10/19/2020
- Schedule subject to change pending weather conditions and unforeseen circumstances.

Contact Information:

For more information regarding this Traffic Advisory or the Bridge X-54 replacement project, please contact Chris Lautz, Assist Engineer at the Sussex County Division of Engineering at 973-579-0430 x1308 or [dpw@sussex.nj.us](mailto:dpw@sussex.nj.us).



Typical Drilling Operation



Bridge X-54  
(South Elevation, Looking North)



Bridge X-54 Roadway  
(East Approach, Looking West)



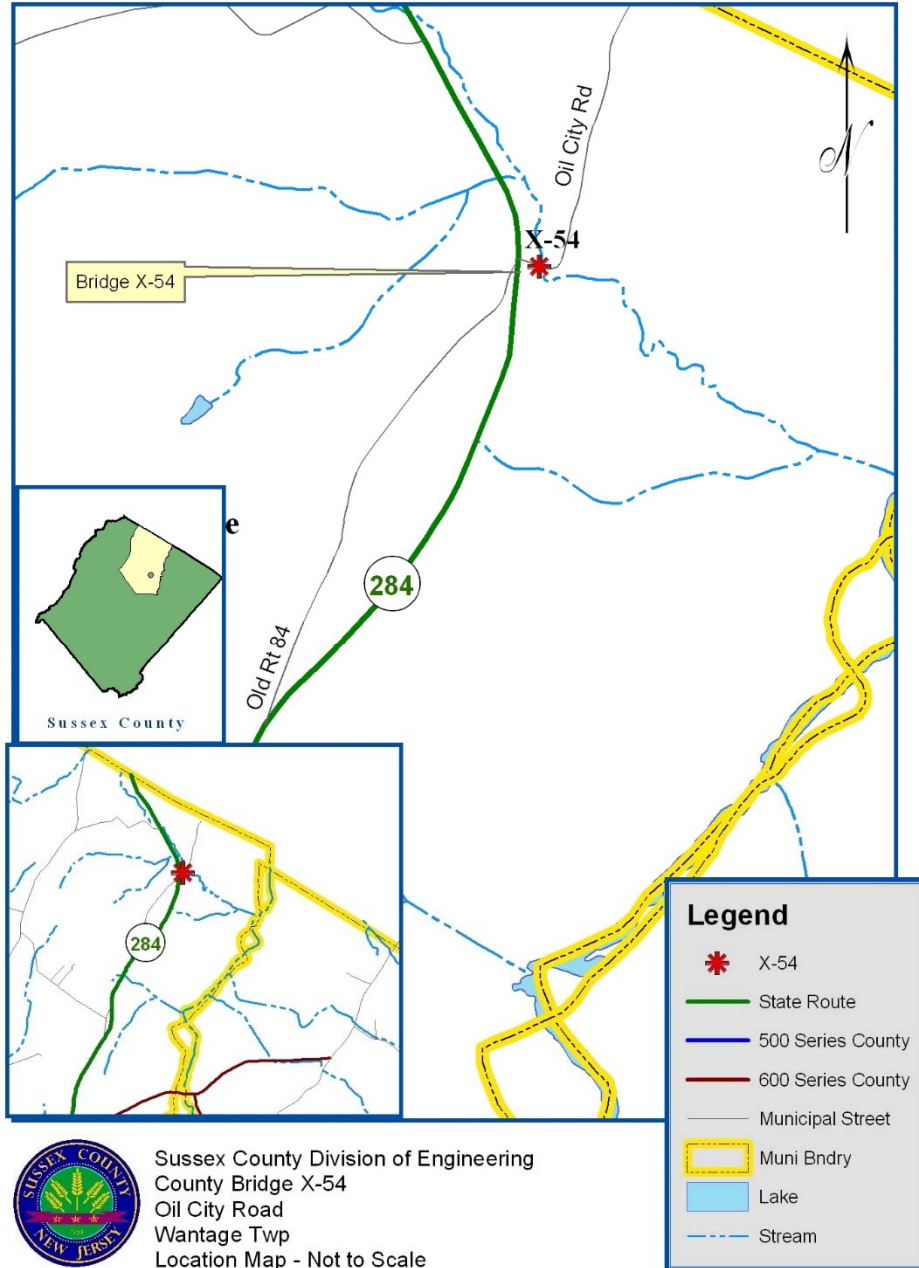
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**Project Location Map**





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**Detour Map**

