



DEPARTMENT OF ENGINEERING AND PLANNING  
Division of Engineering  
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Division Director/Assistant County Engineer

## Bridge D-21 Replacement

**Distributed: November 13, 2014**

### **ADVANCED TRAFFIC ADVISORY FOR GEOTECHNICAL INVESTIGATION** **Currently Scheduled for Tuesday, November 18**

#### **PROJECT:**

Replacement of Sussex County Bridge D-21, a 20 foot long, one-lane bridge that provides access to 2 homes on the dead end portion of Armstrong Road in Frankford Township.

To properly design a new structure to replace the existing deteriorating steel stringers and concrete clad stone masonry abutments, the Design Engineer will need to have accurate information about the existing subsurface soils conditions at this location.

Therefore, the County will be mobilizing a truck mounted drilling rig (see adjacent sample photo) at this location to conduct a Geotechnical Investigation. (See below for further details of traffic impacts)

#### **TRAFFIC ADVISORY DETAILS**

##### **What & Where:**

Armstrong Road will be **CLOSED** to through traffic at Bridge D-21 **from 9:00 AM to 4:00 PM** to facilitate the geotechnical engineering investigation. The bridge will remain open to pedestrian traffic.

As Armstrong Road is a dead end street beyond Bridge D-21 no vehicle access will be available to the adjacent homes during the geotechnical investigation. Vehicular access can be provided in the event of an emergency situation.

##### **When:**

The above Investigation is expected to take 1 day with a closure between 9:00 AM and 4:00 PM.

- Tuesday, November 18
- Schedule subject to change pending weather conditions and unforeseen circumstances

##### **Contact Information:**

For more information about this Traffic Advisory or the Bridge D-21 project, please contact Siân Pearson, Assistant Engineer for the Sussex County Division of Engineering at 973-579-0430 or [dpw@sussex.nj.us](mailto:dpw@sussex.nj.us)



Bridge D-21: Roadway View  
(Looking South West Toward CR 565)



Bridge D-21: Upstream Fascia View  
(Looking North West)



Typical Drilling Operation



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**Bridge D-21 Armstrong Road: Location Map**

