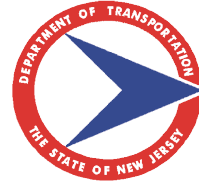


*New Jersey Department of Transportation*  
1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600



## *Baseline Document Change Announcement*

**ANNOUNCEMENT:** BDC24S-02

**DATE:** April 04, 2024

**SUBJECT:** Drilled Shaft Report Response Timeframe

- Revisions to Subparts 503.03.03, 503.03.04, and 503.03.05 of the 2019 Standard Specifications for Road and Bridge Construction.

---

Subparts 503.03.03, 503.03.04, and 503.03.05 of the 2019 Standard Specifications for Road and Bridge Construction have been revised to address the lack of language regarding turnaround time for the Department to respond to various drilled shaft reports submitted by the Contractor.

**The following revisions have been incorporated into the 2019 Standard Specifications via 2019 Standard Inputs, SI2019:**

### **503.03.03 Load Test**

#### **B. Load Testing and Reporting.**

THE LAST PARAGRAPH IS CHANGED TO:

Within 14 days, the Department will notify the Contractor if revisions to the foundation lengths and installation procedures will be made based on the results of the load tests. Do not begin construction of production drilled shafts without the Department's approval.

### **503.03.04 Crosshole Sonic Logging**

THE FIRST PARAGRAPH IN PART C IS CHANGED TO:

**C. Evaluation of the CSL Test Results.** The Department will evaluate the CSL test results and determine whether or not the drilled shaft construction is acceptable and respond within 14 days. If the RE determines that the drilled shaft is acceptable, dewater and grout the CSL tubes. Use the grout with the same strength or higher than the strength of the concrete used in the original drilled shaft.

PART D IS CHANGED TO:

**D. Further Evaluation.** Perform Tomography, Shaft Coring, or other investigated methods as directed by the RE for further evaluation. Submit a report signed and sealed by a Professional Engineer registered in the State of New Jersey providing the results of further evaluation and recommendations to accept or repair the shaft within 14 days. The report must contain recommendations for modification of construction procedures to prevent defects for subsequent shaft installation. The Department will respond within 14 days.

**503.03.05 Tomography**

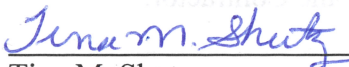
THE SUBPART IS CHANGED TO:

Use the same equipment and access tubes as the CSL method. Submit the Tomography analysis results to RE for review. Provide the two dimensional (2-D) horizontal and vertical slices and three dimensional (3-D) tomographs for the entire shaft between the respective tube pairs. Present these images in color and coded to identify the variations in sonic velocity. Include the complete discussion of the Tomography tests results in the report. The Department will respond within 14 days.

**Implementation Code R (ROUTINE)**

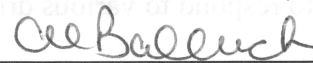
Changes must be implemented in all applicable Department projects scheduled for Final Design Submission at least one month after the date of the BDC announcement. This will allow designers to make necessary plan, specifications, and estimate/proposal changes without requiring the need for an addenda or postponement of advertisement or receipt of bids.

**Recommended By:**



Tina M. Shutz  
Acting Director  
Capital Program Support

**Approved By:**



Parth Oza, P.E.  
Assistant Commissioner  
Capital Program Management  
and Deputy State Transportation Engineer

TS : MS