

Department of Public Works

Susan Shin-Angulo
Freeholder Liaison

John Wolick
Director



Charles J. DePalma Complex
2311 Egg Harbor Road
Lindenwold, NJ 08021
Phone 856.566.2980
Fax 856.566.2988

highway@camdencounty.com

**East Atlantic Avenue (C.R. 729)
over Nicholson Road (C.R. 635)
Bridge Replacement Project**

*Borough of Audubon
County of Camden, New Jersey
Weekly Progress Report
Monday 03/12/2018 thru Friday 03/16/2018*



Figure 1
L&R Construction Installing Rebar on Abutment Wall.

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Figure 2

RE Pierson compacting DGA in the area between the Temporary Sheet piling and South Abutment with a roller

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Figure 3

RE Pierson preparing pouring concrete at South Abutment Wall



The following Construction Activities took place during the period stated above.

Concrete Footings

RE Pierson removed the thermal blankets installed on the North Abutment and stripped the formwork on Monday, March 12, 2018.

Concrete Abutment Walls

RE Pierson installed formwork and bracing for both Abutment Walls from Monday, March 12 and Thursday, March 15, 2018. Walers were installed at the South Abutment Wall formwork on Wednesday, March 14, 2018. RE Pierson drilled holes in the North Abutment Footing and installed dowels in preparation to install the North Abutment Formwork on Thursday, March 15, 2018.

RE Pierson's subconsultant, L&R Construction was on site from Monday through Thursday installing the rebar for the Abutment Walls.

On Thursday, March 15, 2018, RE Pierson backfilled area between temporary sheeting and north abutment footing with No. 57 Stone. Additionally, the area between the temporary sheeting and South Abutment was backfilled with DGA and compacted with a roller. T&M was on-site during the backfilling and compaction.

RE Pierson placed 64 CY of Concrete, Class B with Visocrete 1000 Super P to complete the west half of the South Abutment. Craig Testing was on site performing concrete testing on the first load of Concrete poured for the South Abutment. Air Entrainment was tested on the first load and was measured at 3.8% which did not meet specifications. Contractor added air, and Air Entrainment second load was tested as 5.8%, meeting specifications. Testing was performed on the first load and fourth loads for the South Abutment. In total, 9 cylinders were taken. Testing results are as follows:

- First Load (after Air Added) - Air Entrainment = 5.8%; Slump = 4.5"
- Fourth Load – Air Entrainment = 7.2%; Slump = 8"

RE Pierson covered South Abutment Wall formwork with thermal blankets.

Anticipated Work for 3/19/18 thru 3/23/18

Work on the North Abutment and South Abutment includes forming the rebar and pouring the abutment wall/

Notice to Proceed: 09/28/17

Anticipated Completion Date: 11/20/18

Prepared By: Alfred Brenner, Resident Engineer