

Department of Public Works

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**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 03/19/2018 thru Friday 03/23/2018*



Figure 1
RE Pierson placing concrete at the northwest Abutment Wall

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Figure 2

RE Pierson installing formwork at southeast Abutment Wall

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Figure 3

L&R Construction installing rebar at southeast Abutment Wall



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

Concrete Abutment Walls

RE Pierson completed installing the formwork and bracing at the North Abutment Wall on Monday, March 19, 2018. Additionally, holes were drilled in the North Abutment footing and bolts were installed for bracing.

On Tuesday, March 20, 2018, RE Pierson placed 47 CY of Concrete, Class B with Visocrete 1000 Super P to complete the northwest Abutment Wall. Craig Testing was on site performing concrete testing on the first load and fourth load of Concrete poured for the northwest Abutment Wall. In total, 18 cylinders were taken. Testing results are as follows:

- First Load - Air Entrainment = 4.5%; Slump = 5.5"; Temperature = 68° F
- Fourth Load – Air Entrainment = 5.8%; Slump = 4.5"; Temperature = 70° F

RE Pierson covered North Abutment Wall formwork and top of concrete with thermal blankets, installed heater hoses and turned heater on at the end of the shift.

RE Pierson's subconsultant, L&R Construction was on site Friday, March 23, 2018 installing the rebar at the Southeast Abutment Walls.

Inclement Weather

Due to inclement weather (snow), RE Pierson did not work on Wednesday, March 21, 2018.

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 walls. Concrete placed in the walls will also be allowed to cure.

Notice to Proceed: 09/28/17

Anticipated Completion Date: 11/20/18

Prepared By: Alfred Brenner, Resident Engineer