

Department of Public Works

Susan Shin-Angulo
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Director



Charles J. DePalma Complex
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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 03/26/2018 thru Friday 03/30/2018*



Figure 1
RE Pierson installing formwork at SE Abutment Wall

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camden county

Making It Better, Together.



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Figure 2

Earth Engineering taking a soil sample at proposed T-Wall location

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Figure 3

RE Pierson placing concrete into formwork for leveling pads of T-Wall



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

Concrete Abutment Walls

RE Pierson continued installing formwork and bracing at SE Abutment Wall. On Tuesday, March 27, 2018, RE Pierson placed 47 CY of Concrete, Class B with Visocrete 1000 Super P to complete the Southeast Abutment Wall. Craig Testing was on site performing concrete testing on the first load and fourth load of Concrete poured for the Southeast Abutment Wall. In total, 18 cylinders were taken. Testing results are as follows:

- First Load - Air Entrainment = 5.6%; Slump = 6.5"; Temperature = 68° F
- Fourth Load – Air Entrainment = 7.0%; Slump = 6.0"; Temperature = 68° F

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

On Wednesday, March 28, 2018, RE Pierson started installing formwork and bracing at Northeast Abutment Wall. Additionally, RE Pierson's subconsultant, L&R Construction was on site installing the rebar at the Northeast Abutment Walls. The installation of the formwork and bracing at the Northeast Abutment Wall was completed on Thursday, March 29, 2018.

On Friday, March 30, 2018, RE Pierson placed 47 CY of Concrete, Class B with Visocrete 1000 Super P to complete the Northeast Abutment Wall. Craig Testing was on site performing concrete testing on the first load and fourth load of Concrete poured for the Southeast Abutment Wall. In total, 18 cylinders were taken. Testing results are as follows:

- First Load - Air Entrainment = 5.5%; Slump = 5.0"; Temperature = 77° F
- Fourth Load – Air Entrainment = 7.0%; Slump = 6.0"; Temperature = 68° F

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

Soil Sampling

Frank of Earth Engineering took soil samples at 2 locations of proposed T-Wall, per contract documents.

Anticipated Work for 4/2/18 thru 4/6/18

Work on the North Abutment and South Abutment includes stripping the abutment forms; Forming the rebar and pouring the wingwalls; and allowing concrete placed in the walls to cure.

Notice to Proceed: 09/28/17

Anticipated Completion Date: 11/20/18

Prepared By: Alfred Brenner, Resident Engineer