

Department of Public Works

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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 03/05/2018 thru Friday 03/09/2018*

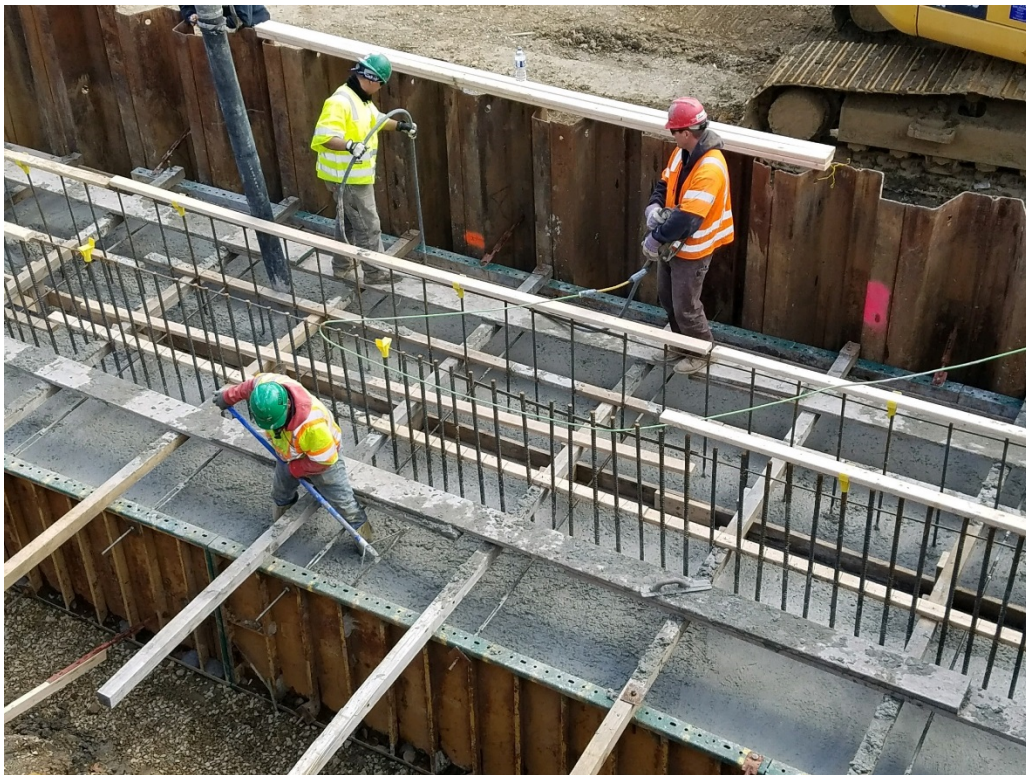


Figure 1
RE Pierson finishing the top surface of footing.

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camden county

Making It Better, Together.



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Figure 2

RE Pierson stripping wooden forms on top of South Abutment footing.

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Figure 3

RE Pierson preparing installing formwork at South Abutment.



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

Concrete Footings

On Monday, March 5, 2018, RE Pierson placed Class B Concrete with Visocrete 1000 Super P to complete South and North Abutment Footings. In total, 127 CY of Concrete were placed, and included 66 CY for the South Abutment and 61 CY for the North Abutment. RE Pierson finished top surface of footings with hand trowels. Concrete was covered with polyethylene sheeting and thermal blankets. High/Low Thermometers were set on the top of each footing.

Additionally, Craig Testing was on site performing concrete testing on the first load of Concrete poured for the South Abutment and the first load (7th in total) for the North Abutment. In total, 9 cylinders were taken. Testing results are as follows:

- South Abutment - Air Entrainment = 5.5%; Slump = 8"
- North Abutment – Air Entrainment = 5.0%; Slump = 6.5"

On Tuesday, March 6, 2018, RE Pierson began stripping the wooden forms from the top of footings. Holes were drilled, and dowels were installed on the South Abutment Footing. Heater hoses were also installed on top of abutments, and footings were covered with thermal blankets in anticipation of the pending snowstorm.

On Thursday, March 8, 2018, RE Pierson stripped the formwork from the North and East faces of the South Abutment Footing. The formwork was stripped from the South face on Friday.

Concrete Abutment Walls

Abutment formwork was delivered on site. The South Abutment formwork was prepared for installation on Thursday, March 8, 2018 and installed the following day.

Non-Working Days

Due to inclement weather, RE Pierson did not work on Wednesday, March 7, 2018.

Anticipated Work for 3/12/18 thru 3/16/18

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