

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 05/21/2018 thru Friday 05/25/2018*



Figure 1

RE Pierson finishing bridge deck concrete

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Figure 2

RE Pierson installing formwork for sidewalk at East side of bridge

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Figure 3

RE Pierson placing wet burlap on finished bridge sidewalk



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

Bridge Construction

On Monday, May 21, 2018, RE Pierson performed a “dry run” of bridge deck finisher and checked cross slope, deck thickness, and rebar clearance. Tom Gollop of JMT was on site to witness.

RE Pierson placed 35 CY of NJDOT HPC Concrete with Visocrete 1000 Super P to complete bridge deck on Tuesday, May 22, 2018. Bridge deck concrete was finished using Comaco mechanical finishing machine. The Contractor placed wet burlap on top of the bridge deck concrete, installed soaker hoses, and placed polyethylene sheeting over wet burlap on bridge deck. Doug of Craig Testing was on site performing testing on first load of concrete. Testing results are as follows:

- Air Entrainment = 6.0%; Slump = 6”; Temperature = 68° F

On Wednesday, May 23, the Contractor removed screed rail from the East side of the bridge deck. Formwork was delivered for the parapets, and L&R Construction installed parapet rebar at the east side of the bridge. Additionally, formwork for sidewalk at the east side of the bridge was installed.

L&R Construction completed installing rebar for sidewalk at the East side of the bridge on Thursday, May 24. RE Pierson installed formwork, bracing, and joints for sidewalk, and formwork for parapet at West side of the bridge.

RE Pierson placed 8 CY of NJDOT HPC Concrete with Visocrete 1000 Super P to complete the bridge sidewalk at the East side of the bridge on Friday, May 25, 2018. The sidewalk was finished with hand trowels, broom finished, covered with wet burlap, soaker hoses and polyethylene sheeting. Ranford of Craig Testing was on site performing concrete testing. Testing results are as follows:

- Air Entrainment = 5.5%; Slump = 6”; Temperature = 84° F

T-Walls

On Monday, May 21 and Wednesday, May 23, RE Pierson began installing the coping on top of Retaining Wall, Location No. 2. The Contractor drilled through coping holes, installed anchor rebars, set with Red Head masonry adhesive, and grouted. RE Pierson began the install of the coping for Retaining Wall, Location No. 2 on Friday, May 25.

On Tuesday, May 22, 2018 4.5 CY of NJDOT HPC Concrete was placed with Visocrete 1000 Super P to complete leveling pads for T-Walls.

On Wednesday, May 23, 2018, RE Pierson installed coping on top of Retaining Wall, Location No. 2 over Neoprene pads. Northeast Precast delivered 6 pieces of coping for Retaining Wall, Location No. 1.

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RE Pierson completed installing coping on top of Retaining Wall, Location No. 2 over neoprene pads on Thursday, May 24, 2018. RE Pierson installed formwork at sides on top of Retaining Wall, Location No. 1. Sika 212 grout was placed on top of Retaining Wall, Location No. 1 in preparation to install coping.

Utility Relocations

PSE&G was scheduled to relocate overhead electric to final locations during the week of May 21, 2018 but rescheduled for the week of May 29, 2018 when a Conrail flagman could be scheduled.

Anticipated Work for 5/28/18 thru 6/1/18

PSE&G is scheduled to relocate the overhead electric lines to the permanent location, depending on the weather. The Bridge Parapet is also scheduled to be poured during the upcoming week.

Notice to Proceed: 09/28/17

Anticipated Completion Date: 11/20/18

Prepared By: Alfred Brenner, Resident Engineer