

**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 05/14/2018 thru Friday 05/18/2018*



**Figure 1**

*RE Pierson placing SIKAFLEX in beam holes at South Abutment*

Department of Public Works

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Freeholder Liaison

John Wolick  
Director



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**Figure 2**

*RE Pierson installing and tying rebar at North Side of Bridge Deck*



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**Figure 3**

*RE Pierson placing rip rap at East side slope*



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

### **Bridge Construction**

On Tuesday, May 15, 2018, RE Pierson began constructing a screed rail south of the bridge. RE Pierson placed SIKAFLEX polyurethane elastomeric sealant in beam holes at South Abutment. Additionally, a safety railing was installed on top of Retaining Wall, Location No. 2.

On Wednesday, May 16, 2018, RE Pierson delivered a water storage tank on site in preparation for deck curing. RE Pierson also worked in installing and tying the rebar at the North and South sides of the bridge deck.

The storage tank was filled with water and burlap was cut in preparation for deck concrete placement on Thursday, May 17, 2018.

### **T-Walls**

On Monday, May 14, 2018, OldCastle Precast delivered 18 precast T-Wall sections to the site. RE Pierson installed 5 sections of wall for Retaining Wall, Location No. 2, and 3 sections of Retaining Wall, Location No. 1. The T-Wall at Location No. 2 was backfilled with I-14 Soil Aggregate and compacted with a jumping jack tamper, while Retaining Wall, Location No. 1 was backfilled with I-9 material and compacted with a jumping jack tamper.

RE Pierson installed 4 T-Wall sections for Retaining Wall, Location No. 2, backfilled with I-9 material, and compacted with a jumping jack tamper. Additionally, 3 T-Wall sections for Retaining Wall, Location No. 1 were installed, backfilled with I-9 material, and compacted with Wacker Neusen remote controlled roller and jumping jack tamper.

Northeast Precast delivered 11 sections of coping for T-Walls on Thursday, May 17, 2018. RE Pierson began fabricating safety railing posts in preparation to install coping for T-Walls.

On Friday, May 18, 2018, RE Pierson removed silt fence along the south side slope, graded the south side slope, and installed Rip Rap over the filter fabric on the South side slope. RE Pierson also performed layout for coping at Retaining Wall, Location No. 2.

### **Field Meeting**

A field meeting was held on site to discuss deck grades, and RE Pierson, JMT, HNTB, and Camden County were attendees. The minimum specified 5" Deck thickness was not being met in Submittal 047, submitted by RE Pierson on May 11. RE Pierson will resurvey deck, reduce cross slope to 1.0% and reduce rebar chairs height to meet the 2.5" cover required by the plans. HNTB will issue a formal Change of Plan for documentation purposes.

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**Anticipated Work for 5/21/18 thru 5/25/18**

The Contractor anticipates installing the Gomaco Dry Run for the installation of the bridge deck, pouring the bridge deck, installing coping for T-Wall No. 2, and setting T-Wall backfill at Location No. 2. PSE&G is scheduled to relocate the overhead electric lines to the permanent location, depending on the weather.

**Notice to Proceed:** 09/28/17

**Anticipated Completion Date:** 11/20/18

**Prepared By:** Alfred Brenner, Resident Engineer