

Department of Public Works

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Director

camden **county**

Making It Better, Together.



An Employee Owned Company

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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 04/30/2018 thru Friday 05/04/2018*



Figure 1
RE Pierson removing temporary sheeting

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Figure 2

RE Pierson installing overhang brackets on the west side of the bridge

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Figure 3

RE Pierson lifting a precast concrete beam

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

Bridge Construction

Precast Systems delivered 9 precast beams to the East Atlantic Avenue construction site on the morning of Tuesday, May 1, 2018. RE Pierson installed 18 bearing pads on the North and South Abutments (9 on each). The precast concrete beams were set between North and South Abutments on bearing pads. Each beam measures 43.5' long.

On Wednesday, May 2, 2018, RE Pierson installed overhang brackets on the east and west sides of the bridge. Additionally, walkway planks were installed on the west side of the bridge.

On Thursday, May 3, 2018, RE Pierson drilled through vertical holes in beams into North and South Abutments in preparation to install anchor bolts. Four post-tensioning threaded rods were installed east to west through beams, and torqued with torque wrench to 720 lbs. Wooden walkway planks and wooden railings were installed on the east side of the bridge.

T-Walls

On Monday, April 30, 2018, RE Pierson installed T-Wall sections north of previously installed sections at Location No. 1 over two leveling pads. The T-wall was backfilled with I-9 material. RE Pierson's surveyor was on-site checking grades for the T-walls and side slopes.

RE Pierson delivered 11 T-Wall Sections on site on Wednesday, May 2, 2018, and installed 5 sections at Retaining Wall Location No. 1. The T-Wall was backfilled with I-9 material and compacted with a jumping jack tamper.

On Thursday, May 3, 2018, RE Pierson installed two T-Wall Sections at Retaining Wall Location No. 1, and installed two leveling pads.

On Friday, May 4, 2018, RE Pierson installed formwork for leveling pads at T-Wall Location No. 2 and had 4 T-Wall sections delivered on-site. RE Pierson surveyor was on site checking grades for bridge and T-walls. The Contractor installed T-Wall section over previously constructed leveling pads and 5 T-Wall upper sections at Location No. 1. I-9 material was used to to backfill T-Wall at Location No. 1. The Contractor compacted with a jumping jack tamper. Craig Testing performed nuclear gauge testing on I-9 Soil aggregate installed behind T-wall I-9. Results are as follows:

- I-9: 100%, 99%, 98.8%, 97% and 97.9%.

Additionally, the Contractor placed 5 CY of Concrete, Class B with Visocrete 1000 Super P to complete leveling pads at Location No. 2, Concrete installed two T-wall sections on top of previously installed T-wall sections at Location No. 2. Testing results are as follows:

- Air Entrainment = 5.8%; Slump = 6"; Temperature = 76° F

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Removal of Temporary Sheeting

Throughout the week, RE Pierson continued removing temporary sheeting pairs on the north side. I-14 material was placed where temporary sheeting was removed and was compacted with a Wacker Neusen remote controlled roller.

Disposal of Regulated Material

RE Pierson continued loading regulated waste at Oaklyn yard stockpile daily between Monday, April 30, 2018 through Friday, May 4, 2018, Regulated waste was taken to disposal facility in Sewell, NJ.

Anticipated Work for 5/7/18 thru 5/11/18

The Contractor anticipates installing the Deck Edge Form, Installing Dowels at bearing pads, continuing the disposal of regulated material, excavation and grading for T-Wall at Location No. 1, and setting T-Wall backfill at Location No. 2.

Notice to Proceed: 09/28/17

Anticipated Completion Date: 11/20/18

Prepared By: Alfred Brenner, Resident Engineer