

Department of Public Works

Susan Shin-Angulo  
Freeholder Liaison

John Wolick  
Director

camden county

Making It Better, Together.



An Employee Owned Company

Charles J. DePalma Complex  
2311 Egg Harbor Road  
Lindenwold, NJ 08021  
Phone 856.566.2980  
Fax 856.566.2988

[highway@camdencounty.com](mailto:highway@camdencounty.com)

**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 04/23/2018 thru Friday 04/27/2018*



**Figure 1**  
*RE Pierson installing T-Wall section at Location No. 1*



**Figure 2**

*RE Pierson installing formwork at North Abutment northwest cheek wall*

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**Figure 3**

*RE Pierson placing concrete for T-Wall leveling pads.*

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

### **Abutment Construction**

RE Pierson installed bracing formwork for the cheek wall at the South Abutment, Southwest corner on Wednesday, April 25, 2018 and Thursday, April 26, 2018. Formwork for North Abutment, northwest wall was installed on Thursday, April 26, 2018

On Friday, April 27, 2018 RE Pierson installed bracing at Northwest cheek wall. RE Pierson placed a total of 6 CY of Concrete, Class B with Visocrete 1000 Super P to complete the Southwest cheek wall (3.6 CY), Northwest cheek wall (1.9 CY) and Conrail bridge North Abutment Coping Repair (0.5 CY). Craig Testing was on site performing concrete testing on the first load of concrete. In total, 9 cylinders were taken. Testing results are as follows:

- First Load - Air Entrainment = 5.5%; Slump = 5.5"; Temperature = 69° F

### **T-Walls**

On Monday, April 17, 2018, RE Pierson placed I-9 material to backfill T-Wall at Location No. 2. The Contractor compacted with a jumping jack tamper and Wacker Neusen remote controlled roller. Craig Testing performed nuclear gauge testing on Soil aggregate installed at South Abutment for I-14 and I-9 results are as follows:

- I-9: 97%
- I-14: 97%

Additionally, the Contractor installed two T-wall sections on top of previously installed T-wall sections at Location No. 2.

On Tuesday, April 24, 2018, RE Pierson installed a T-Wall section in top of previously installed T-Wall section adjacent to northeast wingwall at Location No. 1. Formwork and rebar for installed for T-Wall leveling pads on Wednesday, April 25, 2018. On Friday, April 27, 2018, RE Pierson placed 2 CY of Concrete, Class B with Visocrete 1000 Super P to complete the T-Wall Leveling Pads. The concrete was from the same load as the Cheek Walls, noted above.

### **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**

On Monday, April 23, 2018, Tuesday, April 24, 2018 and Thursday, April 26, 2018, RE Pierson continued loading regulated waste at Oaklyn yard stockpile. Regulated waste was taken to disposal facility in Sewell, NJ.

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**Anticipated Work for 4/30/18 thru 5/4/18**

The precast beams for the bridge will be set and post tensioned, disposal of regulated material will continue, excavation and grading for the T-Wall, and the T-wall will be backfilled during the upcoming week.

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

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

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