

Department of Public Works

Almar Dyer  
Commissioner, Liaison

Robert Harris  
Director



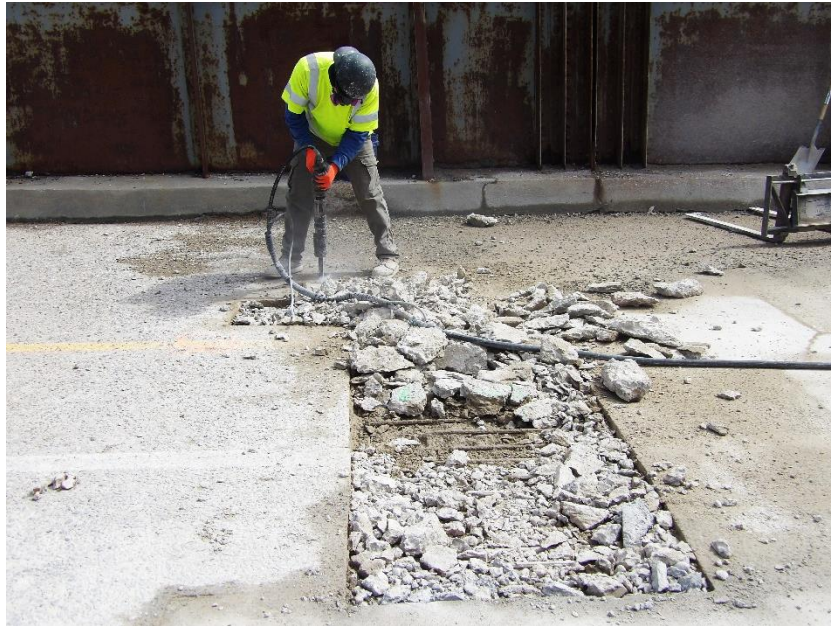
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**Rehabilitation of Hadden Avenue (CR561) Over Atlantic City Line  
Borough of Berlin, Camden County, New Jersey  
Structure No. 0461-153 – Contract No. B8-23**

**Bi-Weekly Progress Report No. 3  
4-1-2024 through 4-12-2024**



**Photo 1 – Workers continued demolition of the south abutment deck joint**



**Photo 2 – Workers continued to chip and remove deteriorated concrete from the top of the deck**



**Photo 3 – Workers cleaned patch areas with compressed air**





**Photo 4 – Typical “Type C” deck spall where the concrete has deteriorated through the deck**



**Photo 5 – Workers install formwork prior to pouring new concrete**



**Photo 6 – Saw-cutting around deteriorated deck areas continued**

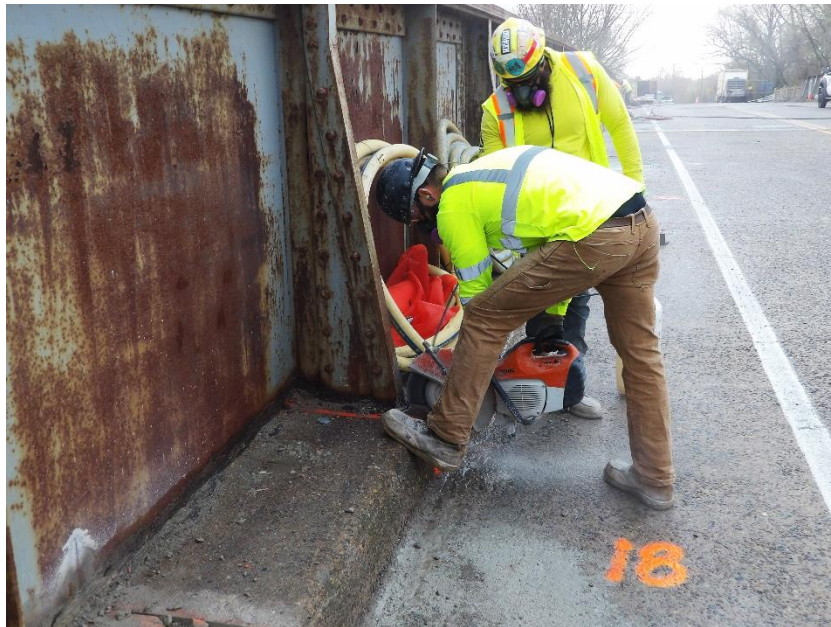


**Photo 7 – Concrete chipping and debris removal continued throughout the week**





**Photo 8 – Workers began demolition of deteriorated bridge curbs**



**Photo 9 – Workers saw-cut deteriorated sections of bridge curbs**





**Photo 10 – Workers continued chipping deteriorated curb concrete**



**Photo 11 – Workers saw-cut along the center pier deck joint to begin removal and replacement**

## **Following Construction Activities took place during above period:**

### **Construction Activities:**

#### **Traffic Control:**

1. Variable Message Sign at the Zulker Avenue intersection is in place and operational.
2. Traffic control, channeling devices and detour signs are in place and in good condition. No issues.
3. Traffic is moving safely through the detour. No accidents or incidents reported.
4. Berlin Township and Boro police requested that the County close traffic in both directions through the project limits. As a result, the Haddon Avenue bridge over the A.C. Transit rail line will be closed for the duration of the project.

#### **Bridge Rehabilitation Work:**

1. South State, Inc. continues to work on the reconstruction of the top of the bridge deck.
2. The bridge deck was sounded and marked-out for concrete areas in need of removal and replacement.
3. Workers saw-cut around the periphery of the marked-out areas and continued chipping out the deteriorated concrete.
4. After completion, each open patch was cleaned out with hand tools and compressed air. Broken and/or corroded reinforcing bars were replaced with new, and the remaining original rebar were retied. The open patches were then coated with a spray-on concrete bonding agent.
5. Concrete was poured, hand finished, and the fresh concrete was coated with a spray-on liquid curing compound.
6. This work is scheduled to be completed during the week of 4-15.
7. Continue to work on the south abutment deck joint and begin reconstruction of the center pier and north abutment deck joints. That work includes demolition of the existing deteriorated joints and adjacent deck concrete, installing the new deck joint steel (center pier) and forming for the concrete north and south abutment deck joints. Strip formwork and installing the new elastomeric seals.

#### **Contractor's Two Week Look Ahead:**

1. Complete the deck patch work during the week of 4-15.
2. Continue work on the bridge deck and sidewalk joints, complete demolition, forming and pouring new concrete and installing new seals in the joints.
3. Begin the commercial blast cleaning and re-painting of the roadway steel girders during the week of 4-22. Containment and disposal items are included in this work.

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**Contract Information:**

**Notice to Proceed Date: March 4<sup>th</sup>, 2024**

**Project Completion: June 2<sup>nd</sup>, 2024**

**Project Substantial Completion: June 2<sup>nd</sup>, 2024**

**Project start Date: March 4<sup>th</sup>, 2024**

**Bid opening Date: August 8<sup>th</sup>, 2023**

**Initial Award: August 29<sup>th</sup>, 2023**

**Contract Complete Percentage: Approximately 30%**

**Bi-Weekly Informational Report Prepared By  
Mark S. Steffens  
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