

Department of Public Works

Almar Dyer
Commissioner Liaison

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Making It Better, Together.

Charles J. DePalma Complex
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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. 1
3-4-2024 through 3-15-2024**



Photo 1 – Contractor began mobilization and set-up traffic control, closing Haddon Avenue southbound



Photo 2 – Resident Engineer located and marked out deteriorated concrete for removal



Photo 3 – Workers saw-cut areas and began concrete removal.



Photo 4 – Workers began demolition of the south deck join



Photo 5 – Workers continued to saw-cut and remove deteriorated concrete



Photo 6 – Various materials and equipment were mobilized during the week



Photo 7 – Concrete removal continued throughout the week



Photo 8 – Traffic safety concerns forced the closure of Hadon Avenue in each direction for the duration of the project



Photo 9 – Open patches were cleaned and coated with concrete bonding agent



Photo 10 – Workers poured concrete in open patch areas



New patches were hand finished and sprayed with a curing compound. This work is in progress



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Following Construction Activities took place during above period:

Construction Activities:

Traffic Control:

1. Variable Message Sign Placed 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. After the original detour was in place for several days, it was noted there was a potential conflict with oncoming traffic leading from Zulker and Walker Avenues onto Haddon Avenue northbound. For this reason, Berlin Twp. And Boro police requested that the County close traffic in both directions through the project limits. As a result, a decision was made to prepare revised detour signs, add barricades, and close the bridge for the duration of the project.

Bridge Rehabilitation Work:

1. South State, Inc. mobilized equipment and materials to start work on the bridge.
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 began 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 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. Workers also began demolition of the south end deck joint between the bridge deck and south abutment.

Contractor's Two Week Look Ahead:

1. Continue marking out, saw-cutting, and removing deteriorated deck concrete for replacement.
2. Continue work on the south deck joint and begin demolition work on the center and north abutment joints for replacement. This work includes sidewalk joints.
3. The commercial blast cleaning and re-painting of the roadway steel girders is scheduled to begin 4-1-24. Containment and disposal items are included in this work.
4. Install safety shielding below the bridge deck at several locations to mitigate falling concrete debris hazards.

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Contract Information:

Notice to Proceed Date: March 4th, 2024

Project Completion: June 2nd, 2024

Project Substantial Completion: June 2nd, 2024

Project start Date: March 4th, 2024

Bid opening Date: August 8th, 2023

Initial Award: August 29th, 2023

Contract Complete Percentage: Approximately 10%

Bi-Weekly Informational Report Prepared By

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Resident Engineer/Construction Inspector