Department of Public Works

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Commissioner, Liaison

John Wolick
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Rehabilitation of Kings Highway (NJ41) Over PATCO Bridge
Borough of Haddonfield , Camden County, New Jersey

Weekly Progress Report No. 4
5-16-2022 through 5-20-2022

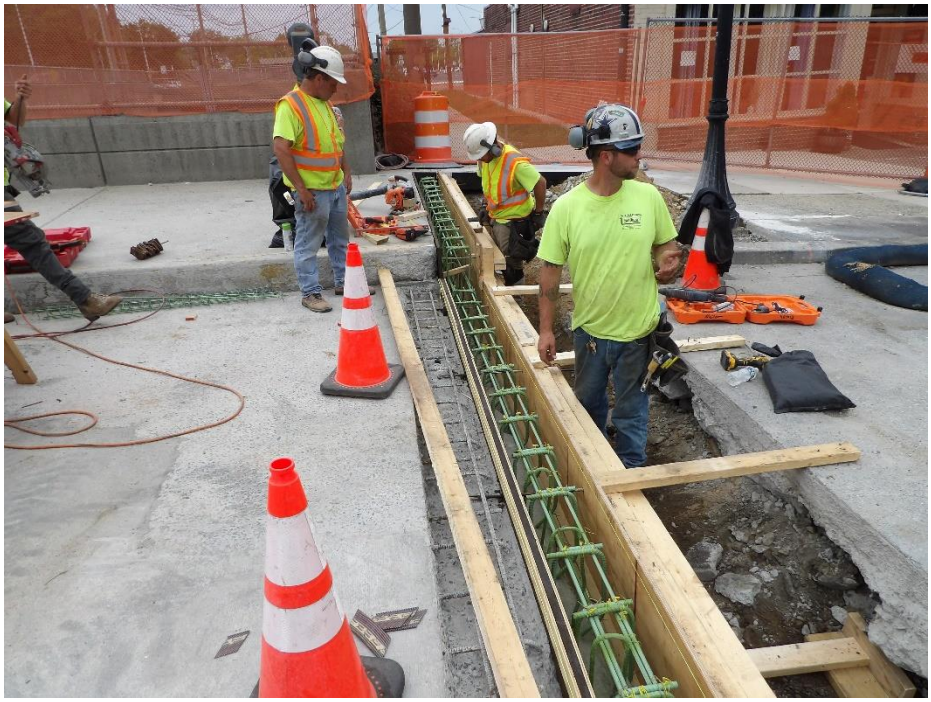

Figure 1 – Workers fabricated and installed new header formwork

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Figure 2 – Workers completed formwork installation for both new headers, Stage 1

Figure 3 – Workers pouring new header concrete

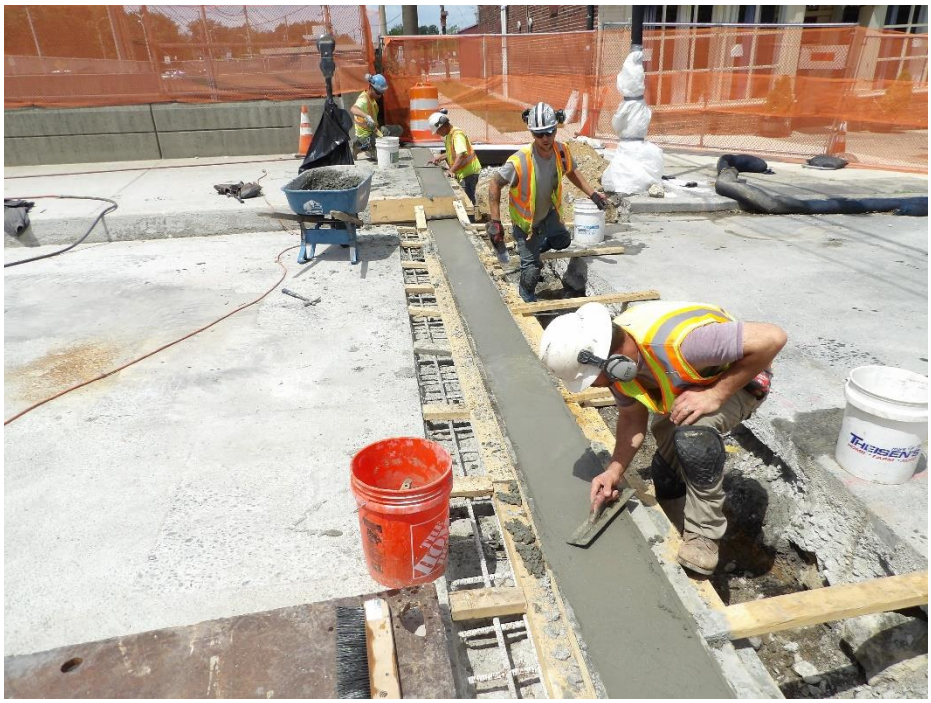

Figure 4 – Concrete for both headers was placed and finished

Figure 5 – Workers removed header forms at each abutment

Figure 6 – Excavations behind the headers were compacted and prepared for backfill

Figure 7 – Backfill bulkheads installed where required

Figure 8 – Lightweight flowable backfill placed at each abutment

Figure 9 – Backfill was finished at each end

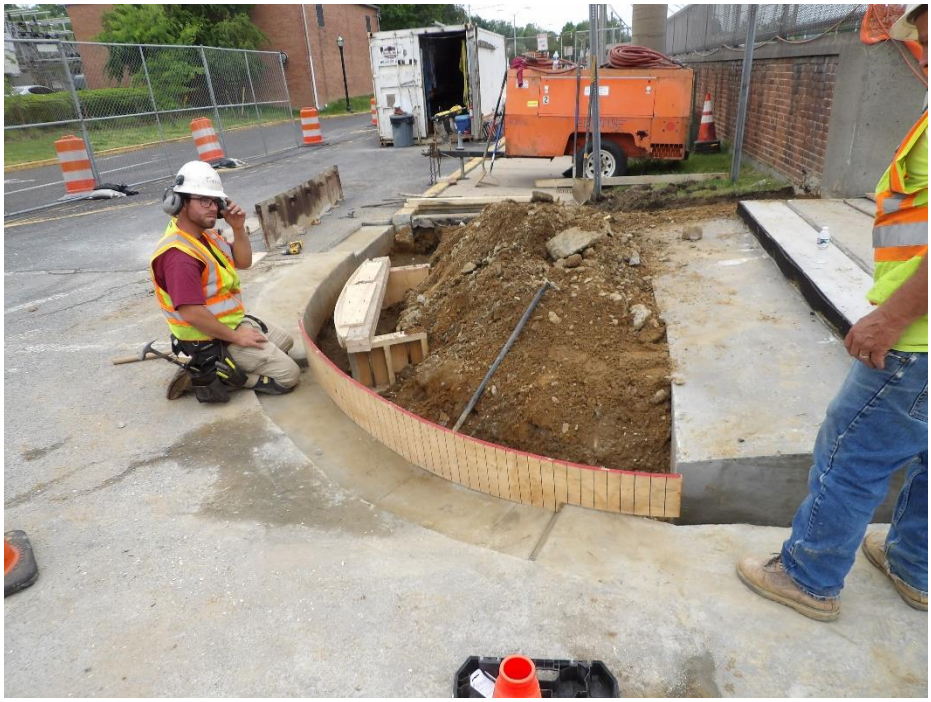

Figure 10 – Workers began forming curbs and sidewalks

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Following Construction Activities took place during above period:

Construction Activities: Stage 1 Construction

Traffic Control:

1. Variable Message Signs along Kings Highway are in place and operational.
2. Traffic Control and Detour signs are in place and in good condition. No issues.
3. Traffic is moving safely through the lane shift and the detour for Washington Avenue along Kings Highway.

Bridge Rehabilitation Work:

1. Loftus Construction completed forming and pouring concrete for both abutment headers, Stage 1.
2. Both headers were stripped of formwork.
3. Workers leveled, graded, and compacted the sub-base in the excavations behind each header.
4. The header, approach sidewalk areas and void areas beneath the existing approach roadways were backfilled with flowable fill up to the existing approach roadway grades. Flowable fill was used for backfill in lieu of soil and asphalt materials as detailed on the design plans due to the unexpected discovery of voids beneath the roadway during excavation for the header reconstruction.
5. The bulkhead forms in the backfilled areas were stripped.
6. Workers began leveling and grading the approach curbs and sidewalk areas.
7. Formwork fabrication and installation began for the north side approach curbs and sidewalks.

Contractor's Two Week Look Ahead :

1. Finish forming the curbs and sidewalks on the north side, Stage 1.
2. Pour curbs and sidewalks, strip formwork.
3. Sandblast and prepare the concrete surface and pour the 5" x 1' end of deck PPC haunches at the strip seal deck joints. This would complete the initial reconstruction work in Stage 1.
4. Reconfigure the roadway line striping and switch the traffic pattern to the Stage 2 configuration.
5. Survey existing top of deck, header, and sidewalk grades in Stage 2.
6. Sound the concrete deck and mark-out deteriorated areas for removal.
7. Begin removing deteriorated concrete and making Type B deck repairs.

NOTICE: After Stage 2 reconstruction is complete (projected to be the week of 6-20 or 6-27, subject to change), Kings Highway will be temporarily closed in the vicinity of the PATCO overpass. A well-marked detour will be in place prior to the closure to direct traffic around the bridge/roadway closure. The closure with the detour is scheduled to be in place for a three-to-four-week timeframe to allow for construction of the final phase of the reconstruction project. All businesses will remain open during the closure and can be accessed from either side of the detour. Our apologies in advance for the minor inconvenience.

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Contract Information:

Notice to Proceed Date : April 18,2022
Project Completion: October 15,2022
Project Substantial Completion: September 15,2022
Project start Date : April 18, 2022
Bid opening Date : February 8,2022
Initial Award: March 7,2022
Contract Complete Percentage: Approximately 20%
Stop Work: N/A
Amended NTP : N/A

Prepared By
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