

**Camden County Department of Public Works
Division of Engineering
Superstructure Repairs for Cuthbert Boulevard (CR 636) Bridge and
Grove Street (CR 644) Bridge over Cooper River
Camden County, New Jersey
Weekly Progress Report No. 7
September 22, 2018 to September 28, 2018**



Figure 1: Grove St. Bridge – Concrete Placement

Work Completed Week of September 28, 2018

Grove St. Bridge

- Core drilling completed on 9/24/2018 for concrete diaphragm pour from North and South Diaphragms at G-10 to G-9, G-9 to G-8 and G-8 to G-7.
- Form work and bracing completed on 9/24/2018 for concrete diaphragm pour from North and South Diaphragms at G-10 to G-9, G-9 to G-8 and G-8 to G-7.
- HPC poured on 9/25/2018 for concrete diaphragm repairs for North and South Diaphragms at G-10 to G-9, G-9 to G-8 and G-8 to G-7.
- Craig Testing on site providing Quality Assurance testing for concrete and collected cylinders for break tests and also reports.

Cuthbert Blvd. Bridge

- Permanent Traffic Closure Left Lane southbound direction in place.

Superstructure Repairs for Cuthbert Boulevard (CR 636) Bridge and Grove Street (CR 644) Bridge over Cooper River

Camden County, New Jersey

Weekly Progress Report No. 7: 9/23/18 – 9/29/18

Quantities Week of September 28, 2018

Cuthbert Blvd. Bridge

- **Item #2:** Breakaway Barricades (5)
- **Item #3:** Drums (10)
- **Item #4:** Construction Signs (112 sf)
- **Item #6:** T.C. Truck with Crash Cushion (1)
- **Item #13:** Police Uniform Law Enforcement (In Progress)

Grove St. Bridge

- **Item #6:** T.C. Truck with Crash Cushion (1)
- **Item #14:** Clearing Site Bridge (In Progress)
- **Item #15:** Breakaway Barricades (39)
- **Item #16:** Drums (7)
- **Item #17:** Construction Signs (446.25 sf)
- **Item #18:** Construction Barrier (40 lf)
- **Item #20:** Reinforcement Steel, Epoxy Coated (In Progress)
- **Item #21:** Structural Steel (In Progress)
- **Item #22:** Concrete Bridge Deck, HPC (7 CY)
- **Item #25:** Testing, If and when directed (In Progress)
- **Item #26:** Police Uniform Law Enforcement Officer (In Progress)

Summary of Work Completed Week of September 29, 2018

Grove St. Bridge

South State Inc. (SSI) carpenters completed form work and core drilling of road deck on and will place HPC concrete for diaphragm replacement. HPC concrete was delivered and placed on 9/25/2018 for the concrete diaphragm repairs. Craig Testing ACI technician on site for testing, sampling and documenting procedures of the HPC installation. Contractor completed HPC placement of the new concrete diaphragm pours and started to do clean up procedures of the road deck removing debris.

Detour remains in place and police in position at bridge with twenty-four (24) hour shift and an officer at Maple on an eleven (11) hour shift Monday – Friday only. SSI has concrete construction barrier at bridge as per plan. Traffic Control Truck with Crash Cushion in position at south abutment. All MPT devices are in place.

Cuthbert Blvd. Bridge

SSI had previously taken a right lane closure to unload equipment and lagging material for upcoming diaphragm demolition. SSI anticipating to start next week.

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Anticipated Work for Week of October 5, 2018

Grove Street

SSI will complete restoration of bridge deck and proceed once concrete test results are provided. Once approved, SSI will remove the detour and open the northbound lane of traffic. Detour signage will be removed or covered. The contractor will schedule their painting subcontractor, Allied, to complete the coating system and remove the temporary shielding.

Cuthbert Blvd.

SSI is scheduled to set up a right lane closure to unload steel installation equipment and structure steel repair materials to work platform below bridge. Once equipment and materials are secured on platform, crew will then closed the left lanes at the bridge to start demolition activity. SSI will secure utilities as per approved demolition plan prior to start of removal of concrete diaphragms.



Figure 2: Grove St. Bridge Concrete Diaphragm



Figure 3: Grove St. Bridge Roadway Restoration

Notice to Proceed

July 16, 2018

Contract Completion

Substantial Completion

March 27, 2018

Final Completion

April 26, 2019

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