

**Camden County Department of Public Works
Division of Engineering
Roadway Improvements to Hopkins Avenue (CR 647) from
Crystal Lake Avenue (CR 643) to Cuthbert Boulevard (CR 636)
Camden County, New Jersey
Weekly Progress Report No. 4
August 25, 2019 to August 31, 2019**



Figure 1: Concrete roadway repairs

Work Completed Week of August 25, 2019

- Installed concrete vertical curb, sidewalk, reinforced driveways, and curb ramps
- Concrete roadway repairs
- Excavation, DGA and geogrid placement, and base course paving at the culvert
- Guide rail installation at culvert

Quantities Week of August 25, 2019

- **Item #2:** Police Uniform Law Enforcement Officer (223.5 MH)
- **Item #5:** Excavation, Unclassified (215 CY)
- **Item #6:** Remove Concrete Roadway (904 SY)
- **Item #13:** HMA, 19M64, Base Course, 6" Thick (347.7 TON)
- **Item #15:** Dense Graded Aggregate Base Course, 6" Thick (904 SY)
- **Item #16:** Pavement Reinforcement Geogrid (904 SY)
- **Item #17:** Concrete Roadway, 9" Thick, Class 'V' (422.57 SY)

- **Item #22:** Reconstruct Inlet, Type 'B' Using New Casting w/ Select Backfill, Designation I-11, No. 8 Stone Bedding and Trench Filter Fabric (1 UNIT)
- **Item #29:** Reset New Castings (Manhole) (1 UNIT)
- **Item #30:** Curb Piece Type 'N' ECO (4"/6"/8") (2 UN)
- **Item #35:** Concrete Sidewalk, 4" Thick (126.16 SY)
- **Item #36:** Concrete Driveway, 6" Thick (12.89 SY)
- **Item #38:** Detectable Warning Surface (1.78 SY)
- **Item #39:** 9"x18" Concrete Vertical Curb (260.5 LF)
- **Item #40:** 6"x8"x18" Concrete Vertical Curb (40 LF)
- **Item #58:** Tangent Guide Rail Terminal (4 UNIT)
- **Item #59:** Beam Guide Rail, Dual Faced (187 LF)
- **Item #60:** Beam Guide Rail Post, 6 Feet Long (40 UNIT)

Summary of Work Completed Week of August 25, 2019

Charles Marandino (Marandino) continued demolition of existing concrete and replacement with new concrete vertical curb, sidewalk, reinforced driveways, and curb ramps. Roadway repairs were conducted between E. Merchant Street and the Paul VI exit. Excavation, DGA and geogrid placement, as well as paving operations by the culvert were completed. New guide was installed at the culvert by Grasbury Ave. Maintenance and Protection of Traffic (MPT) is set up before each work day and taken down at the end of each work shift, with the exception of some temporary overnight traffic control. Police Uniform Law Enforcement Officers are additionally utilized for traffic control. An onsite progress meeting was held on August 27, 2019 to review all project related activities.

Anticipated Work for Week of August 31, 2019

Marandino will continue with the removal and replacement of concrete curb, sidewalk, driveways, and curb ramps as specified in the plans along Hopkins Avenue. Roadway repairs will be conducted between Cuthbert Boulevard and E. Merchant Street. The remaining work in the vicinity of the culvert will also be completed. Daily traffic control will continue to be implemented for the duration of the project. An onsite progress meeting will be held on September 3, 2019 to review all project related activities.



Figure 2: Culvert excavation



Figure 3: DGA and geogrid placement



Figure 4: Guide rail installation



Figure 5: Paving operation

Notice to Proceed

July 30, 2019

Contract Completion

Substantial Completion

November 12, 2019

Final Completion

November 27, 2019

Prepared By:

Joseph R. Ragusa, P.E.

Remington and Vernick Engineers