

Bid B7-22, Roadway and Drainage Improvements along Greentree Road (CR674)

From Marlton Pike (NJRT 70) to Burlington County Line

Cherry Hill Township, Camden County, NJ

2020 County Aid and SSA with Cherry Hill Township

Progress Report #6

Week Ending June 30, 2023

Progress Photographs:



Photograph 1 – The pipe subcontractor continued installing 24” RCP at the eastern end of the project near the County border heading towards the Diverter Manhole.



Photograph 2 – Backfilled trench for the 24” RCP at the eastern end of project near the Diverter Manhole.



Photograph 3 – Preparing 24" RCP trench at the eastern end of project for Temporary Asphalt Trench Restoration.



Photograph 4 – Temporary Asphalt Trench Restoration being placed for the 24" RCP at the eastern end of project.



Photograph 5 –Preparing the trench for the 30” RCP at the diverter manhole.



Photograph 6 – Electrical conduits in direct conflict with proposed 30” RCP upstream of the diverter manhole. Trench backfilled and restored without pipe being installed until conflict is resolved.



Photograph 7 – Concrete crew continued installing concrete curb between Route 70 and Springdale Road.



Photograph 8 – Pipe subcontractor restoring roadway at test pit locations after locating underground utilities.



Photograph 9 – Concrete crew continued installing concrete sidewalk and handicapped accessible ramps between Route 70 and Springdale Road.

Work Completed this Report Cycle:

- The pipe subcontractor completed the 24" RCP from Station 155+00L to the diverter manhole at 154+00. They were planning to begin installing the 30" RCP heading upstream from the diverter manhole, however they encountered conflicts with a pair of 4" electrical conduits and the 8" water crossing. They spent the rest of the week digging test holes and locating all marked utility crossings between stations 138+00 and 153+00.
- Preliminary data from the test holes appears to reveal numerous conflicts with the remainder of the 30" run of RCP and possibly the cross drains. Options being considered to avoid the conflicts include lowering inverts or using double (shotgun) pipes.
- The concrete crew installed curb and flatwork between Stations 109+50R and 114+65R, and between Stations 112+50L and 114+24L. They also completed asphalt and topsoil restorations along the right side of Greentree Road to Station 114+24R.
- The tree subcontractor removed the trees per plan between stations 128+00R through 131+00R.

Changes to the Initial Contract items:

- As previously documented in Progress Report #1, a No Cost Change Order #1 was submitted to and approved by the Camden County Commissioners. The change order incorporated Supplemental Items S-1 through S-12 for Pay Items that were not anticipated due to unforeseen conditions during the Design Phase of the project and also included Supplemental Pay Items in order to adjust unit costs of original pay items caused by the delay in construction which had resulted in higher material and labor costs.
- The contractor is preparing cost estimates for Work Directives to Reconstruct two (2) existing "B" Inlets that were found to be in disrepair once the castings were removed and to replace two (2) sewer laterals at 1883 and 1887 Greentree Road that were in conflict with the proposed storm pipe. These unforeseen conditions were not anticipated during the Design Phase of the project.

Project Schedule:

- Bid Opening Date: May 3, 2022
- Notice to Proceed: October 17, 2022
- Start Date: October 17, 2022
- Initial Completion Date: October 17, 2023
- Stop Work: October 17, 2022
- Amended NTP: May 22, 2023
- Final Completion Date: May 22, 2024
- Initial Award: \$3,444,186.57
- Contract Value: \$3,444,186.57 (per approved Change Order #1)
- Status of Work Completed to Date based on approximate percentages:
 - Storm Sewer System: 18%
 - Concrete Flatwork: 15%
 - Traffic Signal: 0%
 - Asphalt Resurfacing: 0%
 - Overall Project: 12%
 - Time Used to Date: 10.96%
 - Paid to Date: 8.99% (Payment Application #1 was submitted to the County on June 22, 2023 in the amount of \$309,470.98)

Prepared by: Mark R. Basehore, Jr., PE, CME
Bach Associates, PC