

Department of
Public Works

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Making It Better, Together.

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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 #28

Week Ending May 24, 2024

Progress Photographs:



Photograph 1 – Raised Pavement Marker installed along Greentree Road.



Photograph 2 – Raised Pavement Markers installed along Greentree Road.



Photograph 3 – Raised Pavement Markers installed along Greentree Road near the Springdale Road intersection.

Work Completed this Report Cycle:

- Raised Pavement Markers:
 - Raised Pavement Markers were installed by subcontractor Traffic Lines, Inc.

- Guiderail installation at Burlington County Bridge:
 - The subcontractor for installation of the guiderail at the Burlington County Bridge was performing preparation work including ground penetrating radar to locate underground utilities. A conflict was discovered involving four existing inlets adjacent to the bridge that prevent the guiderail posts from being driven into the ground. A meeting was held on May 7, 2024 with representatives from Camden County, Burlington County, Charles Marandino, Bach Associates and the design engineering firm of KSE. A retrofit of the inlets is being investigated whereby an 8" concrete slab gets installed atop the inlet allowing 6" embedded anchor bolts to be installed with baseplate mounted guiderail posts. The retrofit is currently under review for constructability and cost factors.

Remaining Work to Be Completed:

- Street Signs
- Bridge Guide Rail and Non-Vegetative Ground Cover once the inlet conflict and retrofit issue is resolved.
- Punch List Items and Project Cleanup

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.
- As previously documented in Progress Report #13, the County approved Work Directives #1 Through #5 on August 16, 2023. The approved Work Directives add approximately 2.95% to the contract value.

Work Directive	Description	Cost
1	Sewer Lateral Replacements	\$8,789.56
2	Reconstructions of Existing "B" Inlets	\$3,370.00
3	Modify 5' Diameter Manholes	\$5,436.06
4	Dual 24" Ductile Iron Pipe & Modify Diverter Manhole	\$42,779.10
5	Cap and Pressure Grout Existing 18" CMP	\$31,270.00
Total For Work Directives #1 Through #5		\$91,645.72

- Bach Associates submitted Change Order #2 to incorporate the Work Directives into the contract as Supplemental Pay Items. The change order included a \$10,800 credit for 40 LF of 30" RCP that was no longer required per Work Directive #4. The change order increased the contract value by \$80,844.72 from \$3,107,848.14 to \$3,188,692.86 (+2.60% increase). The change order was submitted to the County Engineer on October 4, 2023.

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 (before 73 Day Winter Shutdown took effect)
- Extended Completion date: Monday, August 5, 2024
- Initial Award: \$3,107,848.14
- Current Contract Value: \$3,188,692.86 (per Change Order #2).

- Status of Work Completed to Date based on approximate percentages:

- Storm Sewer System: 100%
- Concrete Flatwork: 100%
- Traffic Signal: 100%
- Asphalt Resurfacing: 100%
- Overall Project: 90%

- Time Used to Date: 81.10%
- Paid to Date: 74.54% Payment Application #6 for work completed since March 25, 2024 in the amount of \$537,697 is currently under review. If approved, the payment application will bring total payments to date to \$2,867,120 representing 89.92% of the \$3,188,692.86 contract value per Change Order #2.

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