

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 #27

Week Ending April 26, 2024

Progress Photographs:



Photograph 1 – First pass with milling machine.



Photograph 2 – Area of mill with 3" cut.



Photograph 3 – Milling complete at Springdale Road intersection.



Photograph 4 – Concrete apron being replaced in front of Cooper Elementary School.



Photograph 5 – Concrete apron being installed in front of Cooper Elementary School.



Photograph 6 – Hot Mix Asphalt Surface Course being installed.



Photograph 6 – Hot Mix Asphalt Surface Course being installed near Springdale Road.



Photograph 6 – Subcontractor installing traffic striping and markings.



Photograph 7 – Subcontractor installing traffic striping and markings.

Winter Shutdown:

There was no work performed on the project from January 12, 2024 until March 25, 2024. Winter temperatures did not meet the NJDOT criteria for asphalt paving operations. As a result, the contract lost 73 days due to the Winter Shutdown. The 73 lost days due to the Winter Shutdown extends the contract completion date from May 22, 2024 to Monday, August 5, 2024.

Work Completed this Report Cycle:

- Milling and paving:
 - Milling and paving operations were completed by subcontractor South State, Inc. Milling began on March 25, 2024 and consisted of a variable mill between ¼” and 4 inches. The Hot Mix Asphalt overlay consisted of a 12.5M64 Surface Course with a variable compacted depth of 2 to 3”. Paving operations were completed on March 29, 2024.
- Cooper Elementary Concrete Driveway Apron
 - An excessive cut prevented one of the concrete aprons from being installed in the fall/winter of 2023 when all the other concrete work was completed. The installation of the driveway apron was coordinated with the paving schedule.

- Epoxy Striping and Thermoplastic Symbols
 - Epoxy Striping and Thermoplastic Symbols were installed by subcontractor Traffic Lines, Inc. This work was completed on April 25, 2024

Remaining Work to Be Completed:

- Raised Pavement Markers
- Street Signs
- Bridge Guide Rail and Non-Vegetative Ground Cover
- 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: 73.42%
- Paid to Date: 74.54% Payment Application #5 was submitted to the County on February 23, 2024 in the amount of \$702,659.42 for work completed through January 8, 2024. The total billed to date is \$2,376,961 which represents 74.54% of the contract value per the Change Order #2 value of \$3,188,692.86. Payment Application #6 for work completed since March 25, 2024 is pending submittal.

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