

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 #24

Week Ending December 1, 2023

Progress Photographs:



Photograph 1 – Concrete crew sawcutting to remove asphalt for concrete curb replacement.



Photograph 2 – Setting forms for concrete curb pour.

Department of
Public Works

Almar Dyer
Commissioner, Liaison

Bob Harris
Director



Making It Better, Together.

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Photograph 3 – New concrete curb installed and preparation for asphalt restorations underway.



Photograph 4 – Asphalt restorations being completed adjacent to new concrete curb utilizing a small drum roller.



Photograph 5 – Concrete crew installing driveway apron with welded wire fabric reinforcement.



Photograph 6 – Concrete crew installing new sidewalk.



Photograph 7 – Broom finish being applied to newly poured concrete sidewalk.



Photograph 8 – Concrete blankets used overnight to protect fresh concrete from freezing.



Photograph 9 – Electrical subcontractor activating new traffic signals at the S. Birchwood Park Drive intersection and beginning to remove old hardware.

Work Completed this Report Cycle:

- Week Beginning 11/20/23:
 - Two concrete crews worked all week (except Thanksgiving Day). They completed curb, aprons, and sidewalk replacements between Stations 127+18R and 135+60R. They also worked on asphalt restorations between Stations 117+00L and 133+00L as well as backfill and topsoil in various locations.
 - Energizing the new traffic signal at S. Birchwood Park Drive has been rescheduled for Tuesday, November 28, 2023.
 - The last remaining tree stump no longer needs to be grinded out. The roots were removed with a backhoe and did not affect the sidewalk installation.
- Week Beginning 11/27/23:
 - The concrete crew worked all week. They completed curb and sidewalk replacements between Stations 130+50R and 138+71R. They also worked on asphalt restorations, backfill and topsoil between Stations 130+00R and 139+00R.

- On Tuesday, the new traffic signals at S. Birchwood Park Drive were energized and programmed. The existing poles and fixtures have been removed and delivered to Cherry Hill Township.

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
- Initial Award: \$3,107,848.14
- Current Contract Value: \$3,188,692.86 (per Change Order #2).

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

- Storm Sewer System: 100%
- Concrete Flatwork: 55%
- Traffic Signal: 100%
- Asphalt Resurfacing: 0%
- Overall Project: 62%
- Time Used to Date: 53.15%
- Paid to Date: 51.00%

Payment Application #4 was submitted to the County on November 8, 2023 in the amount of \$341,904.02 for work completed through October 10, 2023. The total billed to date is \$1,626,763 which represents 51.00% of the contract value per the Change Order #2 value of \$3,188,692.86.

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Bach Associates, PC