

**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 #21**

**Week Ending October 13, 2023**

**Progress Photographs:**



Photograph 1 – Pipe subcontractor pressure grouting the existing 18" CMP per Work Directive #5.

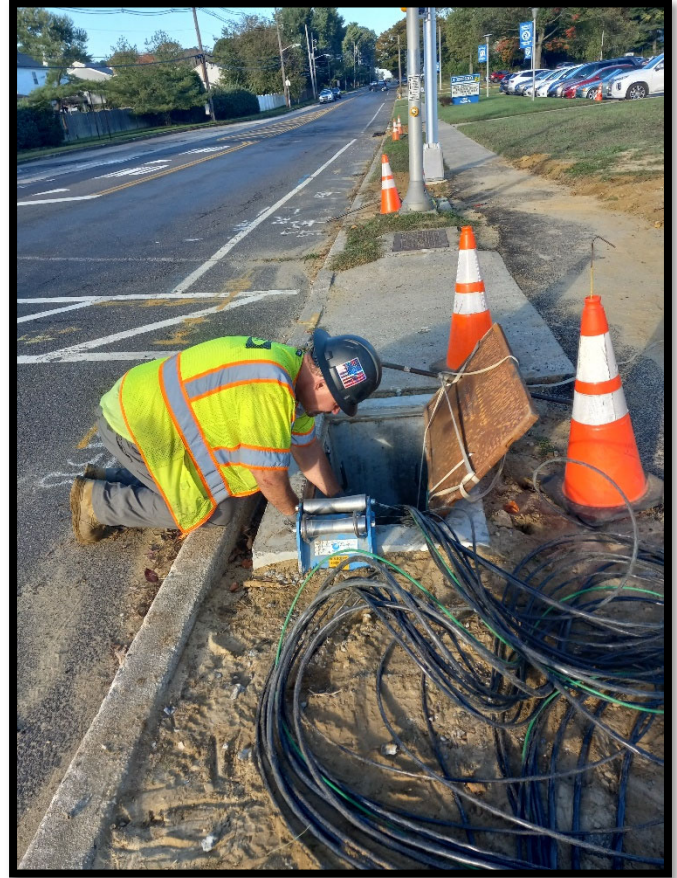


Photograph 2 – Pipe subcontractor pressure grouting the existing 18" CMP per Work Directive #5.





Photograph 3 – Pipe subcontractor installing curb pieces at new “B” inlets.



Photograph 4 – Electrical subcontractor pulling wires for the new traffic signal at S. Birchwood Park Drive intersection.

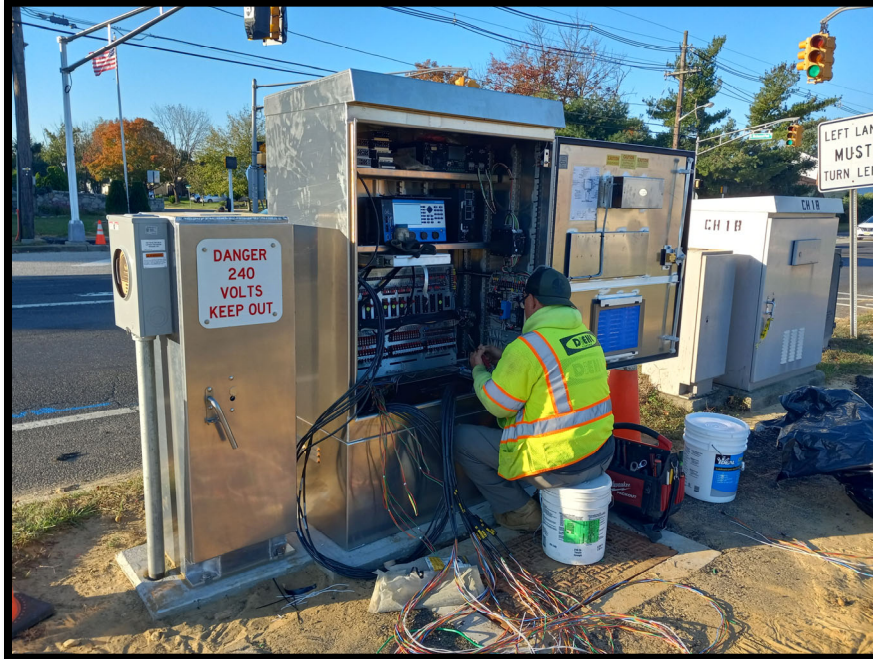




Photograph 5 – Electrical subcontractor pulling wires and installing cross arms for the new traffic signal at S. Birchwood Park Drive intersection.



Photograph 6 – New traffic signal installed at the entrance to Cooper Elementary School at the S. Birchwood Park Drive intersection.



Photograph 7 – Electrical subcontractor making electrical connections in the new traffic signal control box at the S. Birchwood Park Drive intersection.

### Work Completed this Report Cycle:

- The pipe subcontractor worked Monday, Tuesday and Friday. The existing Corrugated Metal Pipe near the Springdale Shopping Center that could not be removed due to its close proximity to the 6" gas main was abandoned in place with pressure grout per Work Directive 5. They also completed installing 6" curb pieces on the new "B" inlets and then worked on demobilization.
- Diehl Electric worked all week. They completed pulling cables, setting poles, installing devices, and making connections in the control box at the S. Birchwood Park Drive intersection. This work is complete. The signal still needs inspections and PSE&G to provide power before activating the new signals and removing the existing signals that are currently still functioning.
- The tree subcontractor did not work this week. They still have one stump remaining to grind.

### 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
<b>Total For Work Directives #1 Through #5</b>		<b>\$91,645.72</b>

- Bach Associates prepared 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 increases 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. Upon County Commissioner approval, the Supplemental Items will be added to the contract.

### 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, Change Order #2 pending Commissioner approval)



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Making It Better, Together.

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- Status of Work Completed to Date based on approximate percentages:
  - Storm Sewer System: 99%
  - Concrete Flatwork: 40%
  - Traffic Signal: 95%
  - Asphalt Resurfacing: 0%
  - Overall Project: 52%
  - Time Used to Date: 39.73%
  - Paid to Date: 41.34% \$503,397.76 invoice for Payment Application #3 was submitted to the County on September 20, 2023. Total payments to date is \$1,284,859.18 (41.34%.)

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