

**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 #20**

**Week Ending October 6, 2023**

**Progress Photographs:**



Photograph 1 – Pipe subcontractor installing concrete flow channels in the new 'B' inlets.



Photograph 2 – Pipe subcontractor setting castings and curb pieces to grade at the new 'B' inlets.



Photograph 3 – Electrical subcontractor setting new control boxes for the traffic signal at South Birchwood Park Drive intersection.



Photograph 4 – Pipe subcontractor preparing subbase for temporary sidewalk.



Photograph 5 – Asphalt restorations in front of new Double “B” inlet at Station 122+75L.



Photograph 6 – Inlet filters being installed to collect silt from roadway runoff.



Photograph 7 – Temporary asphalt driveway apron being installed at 1926 Greentree Road.

#### Work Completed this Report Cycle:

- Drainage improvements were substantially completed last week. The pipe crew spent this week pouring concrete flow channels in all the new structures and swapping out curb pieces at each inlet to better match the existing curb reveals and installed filter fabric in the inlets to collect silt. They spent Friday making asphalt restorations in the roadway by the new inlets between Stations 120+50L and 122+75L. They also installed temporary asphalt aprons at Springdale Plaza and 1926 Greentree Road.
- Thursday Diehl Electric was onsite beginning the work of setting the new traffic signals at the South Birchwood Park Drive intersection. They installed new electric control and meter boxes. They are expected to return next week.
- The tree subcontractor did not work this week. They still have one stump remaining to grind.
- The return of the concrete crew has been tentatively set for October 16th.

**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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Public Works

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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: 15%
  - Asphalt Resurfacing: 0%
  - Overall Project: 48%
  - Time Used to Date: 37.81%
  - 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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