

Camden County Department of Public Works

Division of Engineering

Kresson Road (CR 671)

Roadway and Drainage Improvements

From Brace Road (NJSH 154) to Howard Johnson Road

Cherry Hill Township, Camden County, New Jersey

Weekly Progress Report # 6

July 6, 2020 to July 10, 2020



Figure 1

Contractor using the asphalt zipper as sawcut option on WB Kresson Road



Figure 2

Excavating trench which comprise of removing existing 15" and 18" reinforced concrete pipe along Kresson Road



Figure 3

Excavating trench which comprise of removing existing 12" ductile iron pipe for lateral drainage at Sta. 125+81 and Sta. 133+01



Figure 4

Test pit at Sta. 133+01 southern curb showed three 4" telecommunication conduits that are 3.5' below existing roadway and lie right underneath existing precast inlet box



Figure 5

Field modification was needed at Sta. 133+01 to make sure the new storm drainage inlet precast and new reinforced concrete pipe have enough room from the existing telecommunication conduits and gas main that will lie underneath them. A 15" reinforced concrete pipe was used instead of the proposed 18" in order to have adequate space between existing gas main. A smaller precast size was used in order to have adequate space between the existing telecommunication conduits



Figure 6

Reinforced concrete pipe being placed with laser system used to align to proper elevation along Kresson Road. Trench box used at Sta. 133+58 to Sta. 134+06 due to the depth.

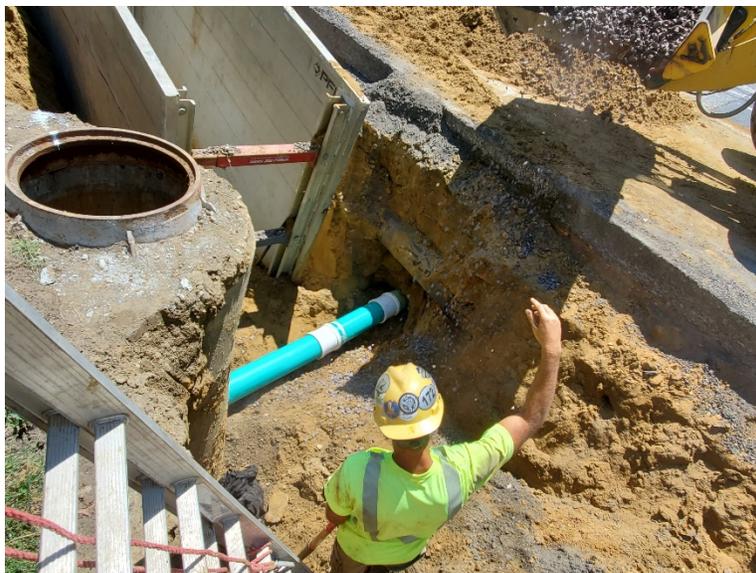


Figure 7

Existing 8" PVC pipe at Sta. 133+70 was removed in order to place 15" reinforced concrete pipe in trench. Pictured is the new 8" PVC pipe connected to the existing using couplings.



*Figure 7
Backfill compacted prior to every HMA application*



*Figure 8
Storm drainage inlet at Sta. 132+58 reconstructed with parged walls*



Figure 9
Storm manhole at Sta. 133+05 being reconstructed



Figure 10
Storm drainage inlet with new casting at Sta. 133+01



*Figure 11
Storm drainage inlet at Sta. 133+55 reconstructed*



*Figure 12
Rolling compactor used to compact and even out the 8" HMA to meet existing roadway along WB Kresson Road and lateral drainage locations. Pictured is Sta 133+58 facing East where 2" HMA was used due to upcoming concrete curb construction*

Work Completed Week of July 10, 2020:

- Contractor mobilized
- Daily detour of traffic on Kresson Road
- Installation of storm drainage culvert pipe resumed July 6, 2020
- Reconstruction of storm drainage inlets at Sta. 125+81, Sta. 132+58 and Sta.133+55
- Reconstruction of storm manhole at Sta. 133+04
- Sawcut of roadway in preparation of concrete curb construction

Quantities Week of July 10, 2020:

- Item C6- Reconstructed Inlet, Type B, Using New Casting- 1 UN
- Item C22- 15” Reinforced Concrete Pipe- 116 LF
- Item C23- 18” Reinforced Concrete Pipe- 42 LF
- Item C32- Reconstructed Inlet, Type B, Using Existing Casting- 2 UN
- Item C33- Curb Piece, Eco Type ‘N’- 2 UN
- Item C37- Reconstructed Manhole, Using Existing Casting- 1 UN
- Item C52- Inlet, Type B- 1 UN
- Item C54- Excavation Unclassified, Test Pits- 1 UN

Summary of Work Completed Week of July 10, 2020:

The contractor mobilized on site and setup traffic control for a daily detour to allow construction to commence. Traffic police directors are on site assisting with traffic control daily. The installation and backfill of storm sewer work from Sta. 132+60 to Sta. 133+02 and Sta. 133+58 to Sta 134+06 were completed. The installation and backfill of storm sewer work for lateral drainage at Sta. 125+81 was completed. A field modification was needed for the installation of storm sewer pipe at the lateral drainage at Sta. 133+01. A 15” reinforced concrete pipe was used instead of the proposed 18” due to the gas main being close in proximity to the newly installed 15” pipe. Reconstruction of storm drainage inlets at Sta. 125+81, Sta. 132+58 and Sta. 133+55 were completed. Reconstruction of storm manhole at Sta. 133+04 was completed. Test pit at Sta. 133+01 to investigate underground utilities location. The installation and field modification of Inlet, Type B using a smaller precast size at Sta. 133+01 was completed. The smaller precast dimension was used to give clearance between the precast and telecommunication duct that is 3.5 ft below the existing roadway. Contractor sawcut a total of 1608 LF in preparation of concrete curb construction.

Anticipated work for Week of July 17, 2020:

There will be a detour with one-way traffic setup daily. Traffic police directors are on site assisting with traffic control daily. Additional traffic police directors may be needed if multiple contractors are working on site, which will complicate the traffic control. Contractor will continue to install Storm Sewer piping between Sta. 134+06 to Sta. 134+90 and Sta. 139+73 to Sta. 141+70. Contractor will start storm sewer work for lateral drainage at Sta. 139+70. Contractor will also start to reconstruct the storm drainage inlet at Sta. 142+00. Contractor will install Double Type “B” Inlet at Sta. 139+68. Contractor anticipated to start concrete curb construction at Sta. 104+95.

Notice to Proceed Date: Tuesday, May 26, 2020

Contract Completion Milestones

Substantial Completion Date: Monday, August 24, 2020

Final Completion Date: Wednesday, September 23, 2020

Percent Complete by Duration: 28%

Percent Complete by Payments: 16%

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