

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 # 8

July 20, 2020 to July 24, 2020



Figure 1

Existing sidewalk and curb removed for trench as contractor remove existing 18" reinforced concrete pipes along WB Kresson Road



Figure 2

New 18" reinforced concrete pipe connected to the storm drainage inlet at Sta. 142+00



Figure 3

Storm drainage inlet at Sta. 142+00 parged and being reconstructed



Figure 4
Trench backfilled and compacted along WB Kresson Road



Figure 5
2" HMA applied along WB Kresson road from Sta. 139+73 to Sta. 141+99



Figure 6

Manhole base precast with existing pipes reconnected. Opening sealed with mortar and bricks with board temporary placed during backfill at Sta. 144+94



Figure 7

Contractor created a new opening at the manhole top precast to align new 18" reinforced concrete pipe at Sta. 144+94



*Figure 8
New storm manhole casting after backfilling at Sta. 144+94*



*Figure 9
Northern storm drainage inlet at Sta. 144+94 reconstructed with new 15" reinforced concrete pipe connected. 18" reinforced concrete pipe was not used and a field modification was needed. Underdrain shown was not tampered with*



Figure 10

Trench backfilled, compacted, and 8" HMA used at Sta. 144+94 lateral drainage. New storm drainage inlet casting used



Figure 11

Laborers consolidating concrete for curb construction along WB Kresson Road



Figure 12

Form on the front of curb taken out so laborer can hand spade the concrete curb with expansion joints spaced out at 10 feet apart



Figure 13

8" HMA applied with 8" curb reveal so curb line area would not be milled on a future date



Figure 14
Existing underdrain pipes connected to the inlet sidewall at Sta. 117+03



Figure 15
Existing underdrain pipes connected to the inlet sidewall at Sta. 113+39

Work Completed Week of July 24, 2020:

- Contractor mobilized
- Daily detour of traffic on Kresson Road
- Installation of storm drainage culvert pipe resumed July 20, 2020
- Installation of Manhole, 4' Diameter at Sta. 144+94
- Reconstruction of storm drainage inlet at Sta. 142+00 and Sta. 144+94
- Construction of 9" x 18" concrete vertical curb along with 8" HMA and topsoil

Quantities Week of July 24, 2020:

- Item C6- Reconstructed Inlet, Type B, Using New Casting- 2 UN
- Item C22- 15" Reinforced Concrete Pipe- 15 LF
- Item C23- 18" Reinforced Concrete Pipe- 181 LF
- Item C51- Manhole, 4' Diameter- 1 UN

Summary of Work Completed Week of July 24, 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. 140+67 to Sta. 141+99 was completed. The installation and backfill of storm sewer work for lateral drainage at Sta. 144+94 was started. A field modification at Sta. 144+94 was needed as a 15" reinforced concrete pipe was used to fit under the existing gas main instead of the proposed 18" reinforced concrete pipe. Reconstruction of storm drainage inlet at Sta. 142+00 and Sta. 144+94 were completed. The installation of manhole, 4' diameter at Sta. 144+94 was completed. Installation of concrete vertical curb, addition of topsoil, and HMA application at Sta. 104+95 have begun. Contractor moved inlets at Sta. 113+39 and Sta. 117+03 back to meet new curb line. Contractor began connecting underdrains from McNaughton's Garden Center to storm drainage inlets.

Anticipated work for Week of July 31, 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 storm sewer work for lateral drainage at Sta. 144+94. Contractor will continue to lay concrete curb, apply HMA, and spread topsoil along WB Kresson Road.

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: 36%

Percent Complete by Payments: 16%

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