

SAFETY IMPROVEMENTS ON NEW JERSEY AVENUE NW
DC CONTRACT NO. DCKA-2018-C-0017
FAP No.: CM-2017(042)

CONSTRUCTION MANAGER'S
WEEKLY PROGRESS REPORT 74

10/04/2020 – 10/10/2020

Project Website: www.newjerseyaverehab.com



10/08/2020 – Application of tack coat along NY Ave and NJ Ave intersection (East View)

1. EXECUTIVE SUMMARY

Project Description:

Work under this contract consists of safety/streetscape improvements along New Jersey Avenue, NW from N Street NW to H Street NW and the reconstruction New York Avenue, NW from First Street NW to 4th Street NW. The work includes but is not limited to the following items: Installation of new curb, gutter, and sidewalk; Installation of full depth pavement, Pavement resurfacing; Installation of utilities; Installation of flexible pavement; Installation of street light poles; Installation of traffic signals; Installation of signing and pavement markings; Installation of electrical duct bank; Relocation of over-height detection system; Installation of wireless vehicle detection system; Installation of landscape improvements; Installation of erosion and sediment control; Implementation of transportation management plan; Mobilization and demobilization, provision and maintenance of work and storage areas, Engineer's field facilities and performance of employee training; Removal and disposal of any material as a result of the activities listed above, unless stated otherwise in the contract drawings.

This project is 83.15% Federally Funded and 16.85% District-Funded. DDOT selected Capitol Paving of DC, Inc. (CPDC) as the contractor and awarded the \$12,055,691.00 contract on January 9, 2019. DDOT issued notice to proceed with contract work to CPDC with work to begin on 05/13/2019 and a substantial completion date of 11/23/2020.

2. STATUS OF CONSTRUCTION / PROGRESS SUMMARY

Work this week was performed during the day on Sunday, October 4th, 2020 thru Saturday, October 10th, 2020. Please see the details below.

- Along NY Ave and 4th St. (NW corner)
 - 4.030 CY of PCC Base was installed.
- At NY Ave and NJ Ave intersection
 - 2.550 CY of PCC Median Strip was placed.
 - Furnish and Set, 25.25 LF of 8"x12" Granite Straight Curb.
 - Furnish and Set, 11.75 LF of 8"x12" Granite Circular Curb Radius Under 10Ft.
 - 2 - 3-Bay Quad Guard Impact Attenuators were placed.
- Along NY Ave between 1st St. and 4th St.
 - Furnished and installed, 18 - Pedestrian Push Buttons.
 - Furnished and installed, 18 - Accessible Pedestrian Signal Units w/Custom Messaging.
 - Furnished and installed, 18 - Accessible Pedestrian Signal Control Units.
- At NJ Ave and H St. intersection
 - 8.760 TONS of HMA Surface Course, 12.5 mm was installed.
 - 73.890 SY of Tack Coat was placed.
- At NY Ave and NJ Ave intersection and NY Ave and 1st St. intersection.
 - Furnished and Installed, 2 - PCC Foundation for Traffic Sig /Pendant Post St Lt Poles.
- Along NY Ave and 1st St.
 - Furnished and Installed, 20 - One 2 In & Two 4 In PVC Encased Elec Conduits.
- Along NY Ave and NJ Ave/M St. intersection
 - Furnished and Installed, 11 - Pedestrian Push Buttons.
 - Furnished and Installed, 11 - Accessible Pedestrian Signal Units w/Custom Messaging.
 - Furnished and Installed, 11 - Accessible Pedestrian Signal Control Units.
- Along NY Ave and 1st St.
 - 7.46 CY of PCC Directional Island was placed.
 - 2.35 CY of Aggregate Base Course was placed and compacted.
 - 7.11 CY of Hard Surface Pavement Excavation was performed.
- Along NJ Ave and NY Ave. (various L#)
 - Furnished and installed, 1 - Galvanized Steel Transformer Base.
 - Furnished and installed, 1 - 8 Ft Mast Arm w/Clamp & Removable End Clamp.
 - Furnished and installed, 2 Red, Green and Yellow Ball Led Modules (12 inch).

- Furnished and installed, 2 - 12 In Overlay White Walking Person & Portland Orange Led Mod.
- Furnished and installed, 1 - 12 Inch Portland Orange Countdown Led Module.
- Furnished and installed, 1 - 3 Section Conventional Traffic Sig Head on Pole (Lenses 12").
- Furnished and installed, 1 - 3 Section Conv Traffic Sig Head on Mast Arm (Lenses 12").
- Furnished and installed, 1 - 2 Sect Conventional Pedestrian Signal Head on Pole (12").
- Furnished and installed, 1- 200-Watt Teardrop LED Fixture complete with photocell.
- Along NY Ave and NJ Ave center lane.
 - 36.67 TONS of HMA Base Course, 25 mm was placed.
 - 11.44 TONS of HMA Surface Course, 12.5 mm was placed.
- Along NJ Ave and I St./2nd St.
 - Relocated, 1 - Any Steel Traffic Sig Pole From 1 Foundation to Another.
- Along NY Ave and 1st St. intersection (various L#; TS#).
 - Furnished and installed, 1 - Galvanized Steel Transformer Base.
 - Furnished and installed, 1 - 8 Ft Mast Arm w/Clamp & Removable End Clamp.
 - Furnished and installed, 3 - Red, Green and Yellow Ball Led Module (12 inch).
 - Furnished and installed, 1 - 12 In Overlay White Waking Person & Portland Orange Led Module.
 - Furnished and installed, 1 - 12 Inch Portland Orange Countdown Led Module.
 - Furnished and installed, 2 - 3 Section Conventional Traffic Sig Head on Pole (Lenses 12").
 - Furnished and installed, 1 - 3 Section Conv Traffic Sig Head on Mast Arm (Lenses 12").
 - Furnished and installed, 1 - 2 Sect Conventional Pedestrian Signal Head on Pole (12").
 - Furnished and installed, 1 - 30"X30" Symbolic "No Left Turn" LED Electronic Sign.
 - Furnished and installed, 1 – 200- Watt Teardrop LED Fixture complete with photocell.
- At NY Ave and 1st St.
 - 2.44 CY of PCC Base was placed.
 - 0.97 CY of Aggregate Base Course was placed and compacted.
- Along NY Ave and NJ Ave intersection
 - Furnished and installed, 2 - 20-Foot-Tall Steel Traffic Signal Pole.
- Along NY Ave and 1st St. intersection
 - Furnished and installed, 2 - Red, Green and Yellow Ball Led Module (12 inch).
 - Furnished and installed, 2 - 3 Section Conventional Traffic Sig Head on Pole (Lenses 12").
 - Furnished and installed, 1 - 30"X30" Symbolic "No Left Turn" LED Electronic Sign.
 - Relocated, 1 - Any Temporary, Portable, Concrete Base.
- At NY Ave and 1st St.
 - 3.23 CY of PCC Base was placed.
 - 1.28 CY of Aggregate Base Course was placed and compacted.
- At NY Ave between 3rd St. and 4th St.
 - 10.3 TONS of Temporary AC, HMA Surface Course, 12.5 mm was placed.
 - 2 - Sewer-Water-Utility Manhole Frames were reset.

3. PHOTOS OF WORK PERFORMED THIS PERIOD



Picture No. 1: 10/05/2020 – Concrete placement for the concrete barrier (West View)



Picture No. 2: 10/05/2020 – Steel plates being placed for the conduit trench at the intersection of NY Ave and 4th St. (South View)



Picture No. 3 – 10/06/2020 – Asphalt placement at the intersection of NJ Ave and H St. (East View)



Picture No. 4 – 10/06/2020 – Installation of PVC conduit in the trench near NY Ave and 1st St. (East View)



Picture No. 5 – 10/07/2020 – Placement and compaction of aggregate base course at NY Ave and NJ Ave intersection (East View)



Picture No. 6 – 10/07/2020 – Placement of aggregate base course at NY Ave and NJ Ave intersection (East View)



Picture No. 7 – 10/07/2020 – Pulling wires at NY Ave and NJ Ave intersection (North View)



Picture No. 8 – 10/08/2020 – Placement of tack coat along NY Ave and NJ Ave intersection (East View)



Picture No. 9 – 10/08/2020 – Placement of pavement markings along NJ Ave between N St. and NY Ave (South view)



Picture No. 10 – 10/09/2020 – Placement of brick median along NY Ave and NJ Ave intersection (South View)



Picture No. 11 – 10/10/2020 – Roadway excavation in progress along NY Ave between 3rd St. and 4th St. (Southwest view)



Picture No. 12 – 10/10/2020 – Manhole reset in progress along NY Ave between 3rd St. and 4th St. (North view)