

## 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 73

09/27/2020 – 10/03/2020

Project Website: [www.newjerseyaverehab.com](http://www.newjerseyaverehab.com)



09/29/2020 – Installation of HMA along NY Ave and NJ Ave intersection (West 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, September 27<sup>th</sup>, 2020 thru Saturday, October 3<sup>rd</sup>, 2020. Please see the details below.

- At NY Ave and NJ Ave intersection
  - Common Excavation of 28.980 CY and Hard Surface Pavement Excavation of 15.560 CY was performed.
  - 42 LF of Abandoned Streetcar Track was removed.
  - 21.2 CY of Aggregate Base Course was placed and compacted.
  - 80.490 SY of Geogrid for New York Ave was placed.
- At NY Ave and NJ Ave intersection
  - 20.280 TON - HMA Base Course, 25 mm was placed at the above location.
  - 7.230 TON - HMA Surface Course, 12.5 mm was placed at the above location.
  - 4.730 CY of PCC Barrier Transition was installed.
- Along NJ Ave between I St. and NY Ave.
  - 1,202.000 LF of Thermoplastic Pavement Marking, 4 Inch was installed.
  - 377.000 LF of Thermoplastic Pavement Marking, 6 Inch was installed.
  - 265.000 LF of Thermoplastic Pavement Marking, 12 Inch was installed.
  - 580.000 LF of Thermoplastic Pavement Marking, 24 Inch was installed.
- Along NJ Ave between I St. and N St.
  - Furnish and install, 28 - 100 W Post-top LED Fixture w/Washington Globe & photocells were installed.
- Along NY Ave and NJ Ave intersection (L6)
  - Furnished and installed, 1 - 8 Ft Mast Arm w/Clamp & Removable End Clamp.
  - Furnished and installed, 2 - Red, Yellow and Green Ball Led Module (12 inch).
  - Furnished and installed, 1 - 12 In Overlay White Walking Person & Portland Orange Led Mod.
  - Furnished and installed, 1 - 12 Inch Portland Orange Countdown Led Module 1.000 EACH
  - 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 - 200-Watt Teardrop LED Fixture complete with photocell.
  - Furnished and installed, 1 - Red, Yellow and Green Ball LED Module with Bicycle Symbol (12 inch).
- Island near NY Ave, M St. and NJ Ave.

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- 452.330 SY of Seed was place at the above location.
  - Along NJ Ave and I St.
    - Removed 37 SF of Existing Ground Mounted Signs.
  - Along NJ Ave near M St., K St. and I St.
    - 31.150 SF of Traffic Sign Panels were installed.
    - Furnish and Install, 120 LF of Ornamental Fence.
    - 24.000 LF - Metal Sign Posts, 3.00 Pounds per Foot.
    - 176.000 SF of Traffic Control Special Item - SF- Temporary traffic controls were added.
    - 1 - Thermoplastic Pavement Letter was installed.
    - 6 - Thermoplastic Pavement Arrows were installed.
    - 9 - Thermoplastic Pavement Bicycle Marking, 8 Foot were installed.
  - Along NJ Ave and NY Ave. (various L#)
    - Furnished and installed, 33 - 100 W Post-top LED Fixture w/Washington Globe & photocell.
    - Furnished and installed, 1 - Red Ball, Yellow and Green Led Module (12 inch).
    - Furnished and installed, 1 - 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 - 2 Sect Conventional Pedestrian Signal Head on Pole (12").
  - Along NJ Ave and K St.
    - Removed, 14.500SF of Existing Ground Mounted Signs.
    - 48.000 LF of Metal Sign Posts, 3.00 Pounds per Foot were installed.
    - 10.500 SF of Traffic Sign Panels were installed.
  - Along NY Ave and M St. (Center Lanes)
    - 4.730 CY of PCC Barrier Transition was installed.
  - Along NJ Ave and K St.
    - 534.000 LF Thermoplastic Pavement Markings, 4-Inch.
    - 1.000 - Thermoplastic Pavement Letter was installed.
    - 9 - Thermoplastic Pavement Arrows were installed.
    - 1 - Thermoplastic Pavement Bicycle Marking, 8 Foot was installed.
  - At NY Ave and NJ Ave intersection.
    - Common Excavation of 26.390 CY and Hard Surface Pavement Excavation of 57.000 CY was performed.
    - 7 LF of Abandoned Streetcar Track was removed.
    - 41.69 CY of Aggregate Base Course was placed and compacted.
    - 158.33 SY of Geogrid for New York Ave was placed.
    - 1.810 CY of PCC Directional Island is installed.
  - Along NJ Ave and Pierce St and between I St. and NY Ave.
    - 49.000 SF of Black Contrast Tape Used for High Contrast pavement markings were installed.
    - Removed, 19 - Existing Ground Mounted Signs.
    - 14 SF of Traffic Sign Panels were installed.



### 3. PHOTOS OF WORK PERFORMED THIS PERIOD



Picture No. 1: 09/28/2020 – Roadway excavation along NY Ave and NJ Ave intersection (West View)



Picture No. 2: 09/28/2020 – Aggregate base course placement and Geogrid placement in progress along NY Ave and NJ Ave intersection (West View)





Picture No. 3 - 09/29/2020 – Compaction of subgrade material and DDOT testing in progress along NY Ave and NJ Ave (East View)



Picture No. 4 – 09/29/2020 – Placement of PCC barrier along NY Ave and M St. center lane (West View)





Picture No. 5 – 09/29/2020 – Placement and compaction of asphalt base course along NY Ave and NJ Ave intersection (East View)



Picture No. 6 – 09/30/2020 – Installation of pavement markings for bike lanes along NJ Ave between NY Ave and K St. (South View)





*Picture No. 7 – 09/30/2020 – Installation of ornamental fence along NJ Ave and I St. intersection (North View)*



*Picture No. 8 – 10/01/2020 – Placement of PCC barrier along NY Ave and M St. center lane (West View)*





*Picture No. 9 – 10/01/2020 – Roadway excavation at the intersection of NY Ave and NJ Ave (West view)*



*Picture No. 10 – 10/01/2020 – Placement of PCC barrier along NY Ave and M St. center lane (West View)*





*Picture No. 11 – 10/02/2020 – Placement of aggregate base material at the intersection of NY Ave and NJ Ave (West view)*



*Picture No. 12 – 10/02/2020 – Placement of geogrid at the intersection of NY Ave and NJ Ave (North view)*