

**Replacement of the 31<sup>st</sup> Street, NW  
Bridge over C&O Canal  
(Bridge No. 3)  
DCKA-2018-C-0056  
FAP No:2017(037)**



31<sup>st</sup> Street Bridge over C&O Canal

**Construction Management Weekly Report**

**5/11/2019 – 5/17/2019**

**Project Website: [www.31stStreetBridge.com](http://www.31stStreetBridge.com)**

## 1. EXECUTIVE SUMMARY

### Project Description

Work under this contract consists of the replacement of the 31st Street Bridge over the C&O Canal in Georgetown. The existing two-span bridge superstructure is to be removed in its entirety and replaced by a new single-span, steel, multi-girder superstructure on new independent abutments constructed behind the existing canal walls. The proposed bridge will have a reinforced concrete deck. The existing canal walls are to remain in place with minor wall maintenance. The existing historic pier is to be removed, salvaged, rehabilitated, and reset in its original location, but will no longer support the bridge. Minor approach roadway reconstruction and sidewalk improvements are also part of the project. Service via existing utilities that currently hang on the bridge must be maintained throughout construction.

### Proposed work will include but not be limited to:

- Installation of a temporary pedestrian bridge prior to construction in order to maintain pedestrian access across the C&O Canal at all times
- Installation of temporary structures required to laterally support existing Canal Walls
- Removal, salvage and restoration of the historic pier
- Installation of temporary utility supports during construction, protection of existing utilities, and coordination with utility companies for relocation prior to bridge replacement
- Removal, relocation and installation of various utility components, manholes, and related items
- Installation and removal of a portable dam system within the canal
- Removal, storage and reinstallation of existing street light poles and sign posts
- Removal, storage and reinstallation of the stone monument, wooden sign posts, and Canal Wall elements
- Removal and disposal of the existing bridge superstructure in its entirety, and construction of new abutments and superstructure
- Construction of
  - Granite curb
  - Brick gutter
  - PCC base with brick/tile sidewalk
  - Wheelchair/bicycle ramps
- Installation of pedestrian railing

## 2. STATUS OF CONSTRUCTION / PROGRESS SUMMARY

**Progress Summary:** Fort Myer Construction Corporation (FMCC) started constructing the coffer dam in the C&O Canal.

**Ongoing Issues / Items:** None at this time

**New Issues / Items:** None at this time

**Action Items:** None at this time

**New Action Items:** None at this time

## 3. MEETINGS / PROJECT COORDINATION

- Progress Meeting #2 was held on May 15, 2019
- NPS Field Meeting was held on May 15, 2019
- Washington Gas field meeting was held on May 17, 2019

## 4. DAILY WORK PERFORMED

**Field construction activities performed during this period:**

### Saturday – 5/11/2019

- FMCC did not work on this date

### Sunday – 5/12/2019

- FMCC did not work on this date

### Monday – 5/13/2019

- FMCC set up a flagging operation on 31<sup>ST</sup> Street, NW between Water & M Streets. Flaggers, signs, and traffic channeling devices were utilized. Traffic ran smoothly with no delay or congestion observed.
- FMCC started construction of the coffer dam. Sand bags and plywood were delivered and lowered into the canal.

### Tuesday – 5/14/2019

- FMCC set up a flagging operation on 31<sup>ST</sup> Street, NW between Water & M Streets. Flaggers, signs, and traffic channeling devices were utilized. Traffic ran smoothly with no delay or congestion observed.
- FMCC continued the construction of the coffer dam; and worked on delivery and lowering of sand bags into the canal.

### Wednesday – 5/15/2019

- FMCC set up a flagging operation on 31<sup>ST</sup> Street, NW between Water & M Streets. Flaggers, signs, and traffic channeling devices were utilized. Traffic ran smoothly with no delay or congestion observed.
- FMCC continued the construction of the coffer dam and worked on delivery and lowering of sand bags into the canal.

### Thursday – 5/16/2019

- FMCC set up a flagging operation on 31<sup>ST</sup> Street, NW between Water & M Streets. Flaggers, signs, and traffic channeling devices were utilized. Traffic ran smoothly with no delay or congestion observed.
- FMCC started the construction of the coffer dam on the west side of the bridge. Delivery and lowering of sand bags into the canal continued.

**Friday – 5/17/2019**

- FMCC set up a flagging operation on 31<sup>ST</sup> Street, NW between Water & M Streets. Flaggers, signs, and traffic channeling devices were utilized. Traffic ran smoothly with no delay or congestion observed.
- FMCC continued the construction of the coffer dam on the west side of the bridge. Delivery and lowering of sand bags into the canal continued.

**5. PUBLIC OUTREACH**

Public Outreach performed during this period:

- Prepared the Traffic Advisory Notice for the short duration (three-hour) closure scheduled for Thursday, May 23, 2019.
- Followed up with ANC and Georgetown BID about the upcoming three-hour road closure on 31<sup>ST</sup> Street between M Street, NW and K Street, NW, and responded to citizen and business inquiries.

**6. INSPECTION & MATERIAL TESTS PERFORMED**

No material testing performed this week.

**7. CHANGE ORDERS / TASK ORDER**

No change orders this week

**8. DBE PARTICIPATION SUMMARIES**

None at this time

**9. ACCIDENTS / INCIDENTS**

There were no reported accidents within the project limits this week.

**PHOTOS OF WORK PERFORMED THIS PERIOD**



Delivery of Sand Bags



Lowering Sand Bags on East Side of the Bridge



Sand Bags on the West Side of the Bridge





Field Meeting with NPS



Construction of Cofferd Dam at the West Side of the Bridge