

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



31st Street Bridge over C&O Canal

Construction Management Weekly Report

5/18/2019 – 5/24/2019

Project Website: 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 Company (FMCC) completed the coffer dam in the C&O Canal and the tree removal.

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 #3 will be held May 30, 2019
- Washington Gas field meeting was held on May 17, 2019
- NPS Field Meeting was held on May 15, 2019

4. DAILY WORK PERFORMED

Field construction activities performed during this period:

Saturday – 5/18/2019

- FMCC did not work on this date

Sunday – 5/19/2019

- FMCC did not work on this date

Monday – 5/20/2019

- FMCC set up a flagging operation on 31ST 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 construction of the coffer dam at the east side of the bridge. Delivery and lowering of sand bags into the canal continued.

Tuesday – 5/21/2019

- FMCC set up a flagging operation on 31ST 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 construction of the coffer dam at the east side of the bridge. Delivery and lowering of sand bags into the canal continued.

Wednesday – 5/22/2019

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

Thursday – 5/23/2019

- FMCC set up a flagging operation on 31ST Street, NW between Water & M Streets. Flaggers, signs, and traffic channeling devices were utilized. The contractor closed the bridge from 10:00 AM to 3:00 PM for the tree's removal activity. Local traffic onto 31ST Street was maintained at both north and south side of the bridge during the bridge closure.
- FMCC completed construction of the coffer dam on the west side of the bridge. FMCC installed 24-inch connection pipe between the coffer dams, placed sand bags at the pipe joints, and rip rap at the pipe outlet

at the east side of the coffer dam. They also removed two trees from the southeast section of the bridge.

Friday – 5/24/2019

- FMCC set up a flagging operation on 31ST Street, NW between Water & M Streets. Flaggers, signs, and traffic channeling devices were utilized. Traffic ran smoothly with no delay or congestion observed. The flagging operation was off the road before noon.
- FMCC started installation of the protection shield under the west side of the bridge.

5. PUBLIC OUTREACH

Public Outreach performed during this period:

- Followed up with ANC and Georgetown BID about the upcoming three-hour road closure, and responded to citizen and business inquiries.
- Prepared the Traffic Advisory Notice for the 31st Street Detour that's scheduled for the week of June 10th.

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



Cofferdam Construction East of the Bridge



Cofferdam Construction East of the Bridge



Installation of 24-inch Pipe



Placement of Rip Rap at the Pipe Outlet



Bridge for Tree Removal



Tree Removal on the SE Side of the Bridge



Removed Trees at SE Side of the Bridge