

**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

5/25/2019 – 5/31/2019

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 was held on 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 – 5/25/2019

- FMCC did not work on this date

Sunday – 5/26/2019

- FMCC did not work on this date

Monday – 5/27/2019

- Memorial Day Holiday – Contractor did not work on this date.

Tuesday – 5/28/2019

- No work zone installed on this date. All work performed under the bridge.
- FMCC continued the installation of the protection shield and installed plywood lagging board under the bridge. They removed the remaining tree stump, completed the installation of scaffold ladder, and installed a 4"X4" wood light pole on the bridge.

Wednesday – 5/29/2019

- 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 the installation of the protection shield and installed plywood lagging board under the bridge. Delivery and lowering of sand bags into the canal continued.

Thursday – 5/30/2019

- No work zone installed on this date. All work performed under the bridge.
- FMCC started the construction of the temporary pedestrian bridge and completed the excavation of the footing at the south side of the bridge. Installation of the protection shield and plywood lagging board under the bridge continued.
- A PEPCO conduit sample was collected for testing.

Friday – 5/31/2019

- FMCC set up a short-term flagging operation on 31ST Street, NW between Water & M Streets. Flaggers, signs, and traffic channeling devices were utilized. The work zone was removed and normal traffic restored in 31st Street by 11:00 AM.

- FMCC performed a general cleanup of the project site, and removed the manlift machine from the Canal. No construction work performed on this date.

5. PUBLIC OUTREACH

Public Outreach performed during this period:

- Followed up with ANC and Georgetown BID about the upcoming detour and responded to citizen and business inquiries.
- The Traffic Advisory Notice for the 31st Street Detour was published, and distributed to the Project's Contact List.

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



Construction of the Protection Shield Under the Bridge



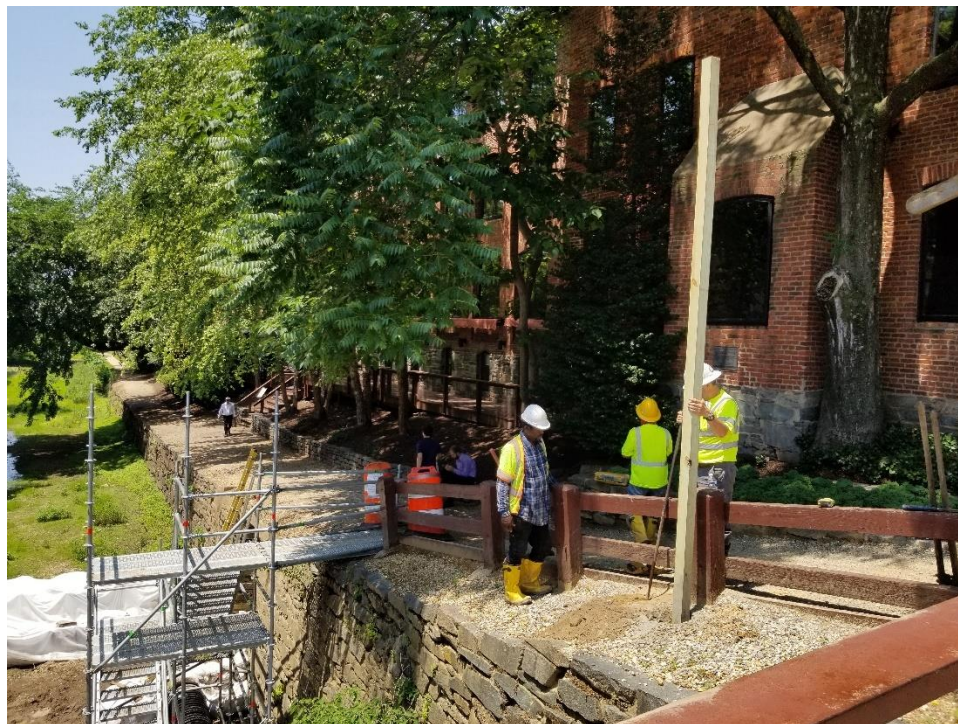
Construction of the Protection Shield Under the Bridge



Installation of the Scaffolding Ladder West of the Bridge



Construction of Temporary Pedestrian Bridge South Footing



Installation of Wood Light Pole NW Side of the Bridge



Placing Sand Bags at the Pipe Joints



Flagging Operation on 31st Bridge