

**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

7/27/2019 – 8/02/2019

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) implemented the project detour on June 11, 2019 and set up the construction zone perimeter. The pedestrian bridge was delivered, assembled, and set on the abutments then opened for use on June 28, 2019. Flooding of the Canal continues and the cofferdams are working properly. Pier footing excavation was conducted and all footings were exposed for the pier investigation.

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

- A field Meeting was held with the water main subcontractor on Thursday 8/01/2019. The meeting discussed the schedule for the upcoming water main installation.

4. DAILY WORK PERFORMED

Field construction activities performed during this period:

Saturday – 7/27/2019

- The 31st Street detour remained in effect and FMCC continued providing local and business traffic access at M and K Streets. Volkert monitored the site safety measures.
- FMCC did not work on this date.
- All water pumps stopped due to power failure and the work zone started flooding.

Sunday – 7/28/2019

- The 31st Street detour remained in effect and FMCC continued providing local and business traffic access at M and K Streets. Volkert continued monitoring the site's safety measures.
- Power failure and work zone flooding continued.

Monday – 7/29/2019

- The 31st Street detour remained in effect and FMCC continued providing local and business traffic access at M and K Streets. Traffic monitoring at the intersection M and 31st Streets continued.
- FMCC restored the power and work zone draining resumed.

Tuesday – 7/30/2019

- The 31st Street detour remained in effect and FMCC continued providing local and business traffic access at M and K Streets.
- FMCC elected not to work on this date.

Wednesday – 7/31/2019

- The 31st Street detour remained in effect and FMCC continued providing local and business traffic access at M and K Streets.
- FMCC elected not to work on this date.

Thursday – 8/01/2019

- The 31st Street detour remained in effect and FMCC continued providing local and business traffic access at M and K Streets.
- FMCC elected not to work on this date.
- A Field Meeting was held with the water main subcontractor – Omni Construction. The meeting discussed the schedule for the upcoming water main installation.

Friday – 8/02/2019

- The 31st Street detour remained in effect and FMCC continued providing local and business traffic access at M and K Streets. Traffic monitoring at the intersection M and 31st Streets continued.
- FMCC monitored de-watering of the work zone.

5. PUBLIC OUTREACH

Public Outreach performed during this period:

- Responded to citizen and business inquiries.
- Sent out a notice about the upcoming waterline work; and contacted impacted businesses and ANC.

6. INSPECTION & MATERIAL TESTS PERFORMED

- None at this time.

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



Flooded Work Zone



Flooded Work Zone



Downstream Side of the Western Cofferdam



Dewatering the Work Zone



Dewatering Continued



Dewatering the Work Zone



Upstream Side of the Canal



Downstream Side of the Canal