

**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

6/01/2019 – 6/07/2019

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) continued construction of the temporary pedestrian bridge and starting preparing for the detour.

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 #4 will be held on June 12, 2019
- DC Water Field Meeting was held on June 05, 2019

4. DAILY WORK PERFORMED

Field construction activities performed during this period:

Saturday – 6/01/2019

- FMCC did not work on this date

Sunday – 6/02/2019

- FMCC did not work on this date

Monday – 6/03/2019

- 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 construction of the temporary pedestrian bridge and started the hand digging excavation for the footing at the north side of the bridge.
- Washington Gas contractor (DCI) started the cut/cap of the existing line at the north side of the bridge.

Tuesday – 6/04/2019

- 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 construction of the temporary pedestrian bridge and continued the hand digging excavation for the footing at the north side of the bridge.
- Washington Gas contractor (DCI) continued the cut/cap of the existing line at the north side of the bridge.

Wednesday – 6/05/2019

- 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 construction of the temporary pedestrian bridge and continued the hand digging excavation for the footing at the north side of the bridge.
- FMCC started the installation of formwork for the footing located at the south side of the bridge.
- FMCC installed two portable variable message signs (VMS) at the westbound lanes of M & Water Streets as part of the upcoming detour.
- Washington Gas contractor (DCI) continued the cut/cap of the existing line at the north side of the bridge.

Thursday – 6/06/2019

- No work zone utilized on this date. All work performed under the bridge.
- FMCC continued the construction of the temporary pedestrian bridge and completed the excavation of the footing at the north side of the bridge.
- Installation of formwork for the south side footing was completed.
- The contractor installed two portable variable message signs (VMS) at the eastbound lanes of M & Water Streets. The contractor activated all VMS signs with the pre-detour message as indicted in the plans.
- Washington Gas contractor (DCI) continued the cut/cap of the existing line at the north side of the bridge.

Friday – 6/07/2019

- FMCC set up a short-term flagging operation on 31ST Street, NW between Water & M Streets. Flaggers, signs, and traffic channeling devices were utilized. Traffic ran smoothly with no delay or congestion observed.
- FMCC continued the construction of the temporary pedestrian bridge and started the installation of formwork for footing located at the north side of the bridge.
- Washington Gas contractor (DCI) continued the cut/cap of the existing line at the north side of the bridge.

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.
- Distributed a Reminder Traffic Advisory Notice for the 31st Street Detour 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



Excavation at the Temporary Pedestrian Bridge North Footing



Excavation at the Temporary Pedestrian Bridge North Footing



Installation of Formwork for the Temporary Pedestrian Bridge South Footing



Activation of VMS Sign on Westbound M Street, NW



Activation of VMS on Eastbound Water Street, NW



Washington Gas Conducting Cut/Tap of Existing Line on 31st Street