

Virginia Avenue Tunnel Reconstruction Project

Cultural Resources MOA - Quarterly Progress Report

December 7, 2015 - March 5, 2016

March 7, 2016

Work Completed this Quarter:

Status of Legal Injunctions

- None pending.

Status of Project Activities (Work Area Map Provided on Following Page)

- Noise, vibration and air quality monitoring is ongoing within the project corridor. Monitoring report summaries are prepared and uploaded to the project website monthly.
- Utility relocations (water, gas, communication and power) within and adjacent to the existing Virginia Avenue SE are ongoing. Asbestos removal from PEPCO duct banks complete.
- Safety fencing erected along south side of entire construction area. Acoustic noise blankets attached to (and suspended above) the fence in Area 3 to minimize noise impacts to adjacent residences.
- Erosion and sedimentation control measures installed along the perimeter of entire construction area.
- Segments of Virginia Avenue closed to traffic and/or reduced travel lanes.
- Pre-trenching and pile drilling for support of excavation is ongoing (Areas 2 through 7).
- Mass excavation of new southern tunnel continues (Areas 2 through 7). Lagging and bracing installed.
- Concrete poured for new tunnel inverts (floor) and walls (Area 4).
- 370 feet of the southern (western) end of existing tunnel demolished (Area 2).
- Portal stones from south portal removed (Area 2) and transferred to Friends of Garfield Park per MOA stipulation.
- Protective fencing installed around trees in Virginia Avenue Park (Area 6).

Status of Construction Damage Claims

- No construction damage claims for historic buildings were received during this quarter.

Virginia Avenue Tunnel Reconstruction Project Work Area Location Map



Meetings

- A community forum - “Coffee with Chuck” (Chuck Gullakson, CSX Vice President and Engineering Manager) – was held on December 16, 2015.
- Project coordination quarterly conference call conducted with the DC SHPO and DDOT on January 13, 2016.
- Open House for the general public was held on January 28, 2016.
- A community forum - “Coffee with Chuck” (Chuck Gullakson, CSX Vice President and Engineering Manager) – was held on February 17, 2016.

MOA Stipulation I - Historic Built Environment

A. Identification of Additional Historic Built Environment Properties and Assessment of Project Effects

- Two brick lined sewer manholes and two square four-hole ceramic conduits (VAT-2016-HB-001) were recorded in Area 2 near the west portal.
- Additional streetcar rail and infrastructure debris was photodocumented during utility trenching activities in 8th Street SE on January 7, 2016 and February 4, 2016.

Date	Location	Resource/Number	Description	Follow-up Action
1/8/16	Area 2	Two brick lined sewer manholes and two square four-hole ceramic conduits VAT-2016-HB-001	Two brick-line manholes, each about 1.5 m wide and 6.5 m deep in Virginia Avenue SE north of the 1906 tunnel segment	Photodocument and record brick lined manholes and ceramic conduits

B. Construction Protection Plan

- Nine crack monitors have been installed at the following three (3) historic resources:
 - 700 L St (1854-1855) - three locations:
 - Southeast Corner of Structure on East Face
 - West Face of Structure, Above Northern Window
 - West Face of structure, Below Northern Window
 - 401 I St (St. Paul AUMP Church- 1924) – five locations
 - Southeast Corner of Structure
 - Southwest Corner of Structure
 - North Face of Structure, Above East Window
 - Southeast Corner of Structure on East Face, Above Blocked out Window
 - Southeast Corner of Structure on East Face, Below Blocked out Window
 - 1003 8th St SE (pre-1824) – one location
 - Northeast Corner of Structure, on North Face

Placement of additional monitors on historic structures is pending approval from property owner(s). The project team will follow up to obtain the appropriate permission to place additional monitor(s).

Eight fixed vibration monitoring locations in the project area are measured continuously to monitor vibration levels. Vibration level data is collected every minute for the duration of the vibration monitoring periods and summarized in monthly reports provided on the VAT webpage. The crack monitors measure trends of settlement or movement over time. The low levels of vibration detected to date have not caused damage to historic structures; the installed crack monitors show no change in vertical or horizontal reflector points (using 3-D measurement) from baseline conditions.

E. Restoration of Virginia Avenue SE

- Revised roadway and landscape plans for Virginia Avenue SE were submitted to the DC SHPO and the NPS on February 18, 2016 for review.

G. Interpretive Signage for the Virginia Avenue Tunnel

- Draft Virginia Avenue Tunnel panels were sent to CSX for final internal review on February 17, 2016.

H. Interpretive Signage for the L'Enfant Plan and Reuse of Virginia Avenue Paving Site

- Draft L'Enfant Plan/Paving Stone Site panels were sent to CSX for final internal review on February 17, 2016.

I. Donation and Relocation of the Virginia Avenue Tunnel Portal Stones

- A field meeting with William Phillips (representing The Friends of Garfield Park), CSX, and Clark/Parsons to discuss logistics for the removal, transport and storage of the west portal stones was held on December 18, 2015.
- Photodocumentation of removal of the 1906 cast iron fence segments from the top of the west (south) portal and retrieval (at CSX's request) of the two 1930s warning signs on December 29, 2015 in preparation for portal stone removal in January 2016.
- The portal stones were removed from the west portal between January 4 and January 14, 2016. They were transported and stored in the designated area in Garfield Park.
- The Friends of Garfield Park were notified of CSX's fulfillment of MOA stipulation I.I in a letter dated February 17, 2016.

J. Designation of Control Point Virginia Tower

- The revised NRHP nomination form, DC Inventory of Historic Sites form, response to DC SHPO comments, and a figure showing archival information for parcels adjacent to CP Virginia Tower were submitted to the DC SHPO on January 19, 2016 for final review and transmittal to the DC Historic Preservation Review Board.
- The NRHP nomination form and DC Inventory of Historic Sites form have been submitted to the DC Historic Preservation Review Board and review of the landmark designation is on the schedule for the March 24, 2016 hearing.
- The NRHP nomination form was uploaded to the VAT project website and an email was sent to the VAT MOA signatories and consulting parties on February 19, 2016 notifying them of its availability for the 30-day review. The review period ends March 23, 2016.

K. Rehabilitation of Control Point Virginia Tower

- The revised Rehabilitation Plan and response to DC SHPO comments were submitted to the DC SHPO on January 19, 2016 for final review and transmittal to the DC Historic Preservation Review Board for the 30-day review by the MOA signatories and consulting parties, and general public, and for final approval.
- The project team design engineers visited CP Virginia Tower on February 16, 2016 to assess existing conditions, take measurements for permit documents, and discuss specific requirements of the draft Rehabilitation Plan.
- Additional design comments on the Rehabilitation Plan were provided by the DC SHPO on February 18, 2016.
- The Rehabilitation Plan was uploaded to the VAT project website and an email was sent to the VAT MOA signatories and consulting parties on February 19, 2016 notifying them of its availability for the 30-day review. The review period ends March 23, 2016.

MOA Stipulation II - Archaeological Stipulations

A. Virginia Avenue Paving Site (52SE062)

Date	Location	Activity	Dimensions
12/14/15	Area 6	Partial removal of in situ paving stone segment under the access driveway east of 11 th Street Bridges; removal and stockpiling of paving stones	Approximately 5 m x 1 m
12/22/15	Area 6	Removal of final in situ paving stone segment under the access driveway east of 11 th Street Bridges; transported to NJ Yard on 12/23/15	Approximately 10 m x 6 m

- No paving stones have been encountered to date within utility relocation excavations near the intersections of 2nd, 3rd, 4th, 5th, 7th, 8th, 9th and 11th Streets SE with Virginia Avenue SE.
- The remaining stockpiled paving stones east of 11th Street SE (500+ paving stones) will be transported and stored at the New Jersey Yard in the near future and may be incorporated in future reuse opportunities associated with this project or may be provided to DDOT at the end of the project.

B. Unanticipated Archaeological Discoveries

Date	Location	Resource/Number	Description	Collected Artifacts
12/10/15	Area 5	Isolated Artifact	1920s/1930s Soda bottle	Soda bottle
12/10/15	Area 7	Isolated Artifacts	1960s Soda and Liquor bottles	Soda and Liquor bottles
2/4/16	Area 4	Isolate Artifact	1965 Soda bottle	Soda bottle

MOA Stipulation IV-Document and Deliverable Review

G. Notification to Consulting Parties

- Notification of the availability of the DC SHPO Quarterly Progress Report on the VAT project website was sent by email on December 7, 2015.
- Notification of the availability of the NRHP nomination form for CP Virginia Tower on the VAT project website for 30-day review was sent by email on February 19, 2016.
- Notification of the availability of the Rehabilitation Plan for CP Virginia Tower on the VAT project website for 30-day review was sent by email on February 19, 2016.

Anticipated Work for Next Quarter:

MOA Stipulation I - Historic Built Environment

A. Identification of Additional Historic Built Environment Properties and Assessment of Project Effects

- Continue to document additional historic built environment resources as needed.
- Document removal of the streetcar rail and infrastructure from 8th Street SE.

G. Interpretive Signage for the Virginia Avenue Tunnel

- Obtain high resolution digital images of historic photographs from the 1904-1906 construction of Virginia Avenue Tunnel from the Library of Congress.
- Submit draft panels for the VAT interpretive sign to the consulting parties for 30-day review.

H. Interpretive Signage for the L'Enfant Plan and Reuse of Virginia Avenue Paving Site

- Obtain high resolution digital image of Pierre L'Enfant from the Library of Congress.
- Submit draft panels for the L'Enfant/Virginia Avenue Paving Site interpretive sign to the consulting parties for 30-day review.

J. Designation of Control Point Virginia Tower

- Prepare the final NRHP nomination form and DC Inventory of Historic Sites form, based on comments received from the DC Historic Preservation Review Board and from the VAT MOA signatories and consulting parties during the 30-day review period, and transmit final to the DC SHPO for their files.

K. Rehabilitation of Control Point Virginia Tower

- Resolve additional design comments with the DC SHPO (provided on February 18, 2016).
- Prepare the final Rehabilitation Plan for Control Point Virginia Tower based on comments received from the DC SHPO and from the VAT MOA signatories and

consulting parties during the 30-day review period, and transmit final to DC SHPO for their files.

- Submit two building permit documents to DCRA for approval of rehabilitation activities: one for roofing replacement/fencing improvements and one for interior renovations.
- Identify vendors and select historic preservation subcontractor.
- Award contract to historic preservation subcontractor and initiate rehabilitation activities.

MOA Stipulation II - Archaeological Stipulations

A. Virginia Avenue Paving Site (51SE062)

- Prepare a Determination of Eligibility (DOE) for the Virginia Avenue Paving Site and submit to DC SHPO for preliminary review.
- Submit the DOE for the Virginia Avenue Paving Site to the MOA Signatories and consulting parties for the 30-day review.
- Continue to monitor all utility excavations and road deck installations near the intersections of 2nd, 3rd, 4th, 5th, 7th, 8th, 9th and 11th Streets SE with Virginia Avenue SE and document any evidence of historic paving stones.
- Oversee transport of remaining paving stone stockpile near the 11th Street Bridges to the CSX New Jersey Yard for storage.

B. Unanticipated Archaeological Discoveries

- Continue to document unanticipated archaeological discoveries and assess historic artifacts as needed.

C. Unanticipated Archaeological Discoveries and Treatment of the Human Remains on NPS Property

- Prepared renewal form for the ARPA permit for Reservation 122 and submit to the NPS for approval.