

# Virginia Avenue Tunnel Reconstruction Project

## Cultural Resources MOA - Quarterly Progress Report September 6, 2016 - December 5, 2016

December 5, 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 are ongoing within the project corridor. Monitoring report summaries continue to be prepared and uploaded to the project website monthly.
- All Phase 1 excavation is complete and all Phase 1 concrete tunnel inverts (tunnel floor) have been poured.
- Phase 1 Tunnel walls have been completed.
- All Phase 1 pre-cast concrete roof panels are complete. All Phase 1 poured concrete caps over the pre-cast concrete roof panels are expected to be completed in 2016.
- Ballast placement has started and track work installation will follow shortly. Phase 1 track work installation is expected to be completed in 2016.
- Drilling for Phase 2 Support of Excavation (SOE) began in early October; Area 3 pile drilling is complete. Currently, one drill rig is operating in Area 6 between 8<sup>th</sup> Street, SE and 11<sup>th</sup> Street SE.
- Removal of Phase 1 and installation of Phase 2 street deck at 4<sup>th</sup> Street SE are complete.
- With the opening of 4<sup>th</sup> Street SE, 3<sup>rd</sup> Street SE is expected to be closed in early December 2016.

Safety fencing and erosion and sedimentation control measures continue to be monitored and corrective actions taken as needed after storm events.

#### 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 September 21, 2016.
- An Open House for the general public was held on October 20, 2016.
- A meeting requested by Kirsten Oldenburg, ANC 6B, regarding the final restoration plans for Virginia Avenue Park was held on October 20, 2016.
- A community forum - “Coffee with Chuck” (Chuck Gullakson, CSX Vice President and Engineering Manager) – was held on November 16, 2016.

## MOA Stipulation I - Historic Built Environment

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

- 1906-1919 Rail Line rails and ties were identified and removed from Area 1, south of the main line.

### B. Construction Protection Plan

- Current readings of the crack monitors at all nine locations show no change from the baseline conditions.
  - 700 L Street SE- three locations (L Street Corner Market- constructed 1854-1855)
  - 401 I Street SE- five locations (St. Paul AUMP Church- constructed 1924)
  - 1003 8th Street SE- one location (Al’s Deli- constructed pre-1824)
- Current readings from the geotechnical prism installed at 401 I Street SE (St. Paul AUMP Church), show minimal changes in the X, Y, or Z axes compared to the baseline conditions. The minimal changes are well below the actionable thresholds identified in the approved Project Instrumentation and Monitoring Plan approved by DDOT.

### K. Rehabilitation of Control Point Virginia Tower

- The rehabilitation of Control Point Virginia Tower is ongoing. The roof has been repaired and the terra cotta barrel tile and roof hatch installed. Graffiti cleaning is nearly complete. Window installation and removal of graffiti will be completed in mid-December.

## MOA Stipulation II - Archaeological Stipulations

### A. Virginia Avenue Paving Site (52SE062)

- No paving stones have been encountered to date within utility relocation excavations or road deck excavations near the intersections of 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup> and 11<sup>th</sup> Streets SE with Virginia Avenue SE.
- Only 30+ loose paving stones remain east of 11<sup>th</sup> Street SE and will be recovered in the future.
- Submitted the Determination of Eligibility form to the DC SHPO for review on October 20, 2016. The DC SHPO has not yet provided comments.
- The technical report is in preparation.

## B. Unanticipated Archaeological Discoveries

- A historic bottle cache (VAT-2016-001) was identified in Area 1. The mostly intact historic bottles and whiteware fragments date between the 1870s and 1920s (a small sample of Area 1 bottles is provided below). Over 200 artifacts were collected and analyzed.

### Sample of Area 1 Bottles



Bristol Glazed Ceramic Beer  
Bottle  
Midlothian, Scotland  
1870s-1900  
(VAT-120)



Gottlieb Bauerschmidt Strauss  
Brewing Co.  
Baltimore, MD  
1901-1910  
(VAT-128)



F.H. Finley & Son  
Washington, DC  
1905-1915  
(VAT-140)



F.R. Horner/Evergreen Dairy  
Washington, DC  
1887-1909+  
(VAT-145)



M.M. Fenners  
Fredonia, NY  
1885-1898  
(VAT-170)



Swindell's & Son  
Washington, DC  
1901-1911  
(VAT-208)

- Additional artifacts were recovered from Areas 1, 4, 5, and 7.

<b>Date</b>	<b>Location</b>	<b>Resource/Number</b>	<b>Description</b>	<b>Collected Artifacts</b>
9/6/16	Area 7	VAT-2016-002	Historic and modern bottles	Sprite, liquor, beer, and soda bottles
9/13/16	Area 5	VAT-2015-012	Crass soda bottle	Soda bottle
10/10/16	Area 1	VAT-2016-001	Historic bottles and whiteware fragments	Historic bottles and whiteware fragments
10/11/16	Area 1	VAT-2016-001	Historic bottles and whiteware fragments	Historic bottles and whiteware fragments
10/12/16	Area 1	VAT-2016-001	Historic bottles and whiteware fragments	Historic bottles and whiteware fragments
10/14/16	Area 1	VAT-2016-001	Historic bottles and whiteware fragments	Historic bottles and whiteware fragments
10/18/16	Area 1	VAT-2016-001	Two historic artifacts	Historic drinking glass and medicine bottle with cork
10/18/16	Area 4	Isolate- Modern	Large mammal humerus	Large mammal humerus
10/25/16	Area 1	VAT-2016-001	Historic glass bottle	Historic glass bottle
11/3/16	Area 1	VAT-2016-001	Historic glass bottle and bottle bases	Historic glass bottle and bottle bases
11/3/16	Area 1	Isolate	Green Spot Beverage bottle	Historic 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 was posted on the project website and sent to the MOA signatories and consulting parties by email on September 6, 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.

K. Rehabilitation of Control Point Virginia Tower

- Complete rehabilitation activities.

**MOA Stipulation II - Archaeological Stipulations**

A. Virginia Avenue Paving Site (51SE062)

- Submit the DOE for the Virginia Avenue Paving Site to the MOA Signatories and consulting parties for the 30-day review.
- Oversee transport of remaining paving stones near the 11<sup>th</sup> Street Bridges to the CSX New Jersey Yard for storage.
- Continue preparation of the technical report on the Virginia Avenue Paving Site.

B. Unanticipated Archaeological Discoveries

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