

# **Virginia Avenue Tunnel Reconstruction Project**

## **Cultural Resources MOA - Quarterly Progress Report**

**March 6, 2015 - June 5, 2016**

**June 6, 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.
- Pile drilling for support of excavation is ongoing between 2<sup>nd</sup> and 4<sup>th</sup> Streets SE (Areas 2 and 3), between 7<sup>th</sup> and 8<sup>th</sup> Street SE (Area 5), and between 8<sup>th</sup> and 9<sup>th</sup> Streets SE in Virginia Avenue Park (Area 6).
- Rock drilling is continuing between 7<sup>th</sup> and 8<sup>th</sup> Streets SE (Area 5) to remove portions of the 1872 tunnel segment abandoned during the 1906 re-alignment of the tunnel.
- Mass excavation is ongoing between 3<sup>rd</sup> and 4<sup>th</sup> Streets SE (Area 3), between 5<sup>th</sup> and 7<sup>th</sup> Streets SE (Area 5), and between 8<sup>th</sup> and 9<sup>th</sup> Streets SE in Virginia Avenue Park (Area 6) and under 11<sup>th</sup> Street bridge deck.
- Concrete work around the Tiber Creek brick-lined stormwater tunnel has begun.
- Road decks are continuing to be installed and paved at the intersections of Virginia Avenue SE and 3<sup>rd</sup>, 4<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup>, and 11<sup>th</sup> Streets SE.
- Excavation, concrete mud mats, waterproofing, tunnel inverts, walls, and roof panels are continuing to be poured between 2<sup>nd</sup> and 3<sup>rd</sup> Streets SE (Area 2), between 4<sup>th</sup> and 5<sup>th</sup> Streets SE (Area 4), between 5<sup>th</sup> and 7<sup>th</sup> Streets (Area 5) and between 9<sup>th</sup> and 12<sup>th</sup> Streets SE (Area 6).
- Safety fencing and erosion and sedimentation control measures have been installed as required by construction activities.

#### **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 March 16, 2016.
- Open House for the general public was held on April 14, 2016.
- Project coordination quarterly conference call conducted with the DC SHPO and DDOT on April 20, 2016.
- A community forum - “Coffee with Chuck” (Chuck Gullakson, CSX Vice President and Engineering Manager) – was held on May 18, 2016.

## MOA Stipulation I - Historic Built Environment

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

- Additional streetcar rail and infrastructure debris was photodocumented during pile pre-trenching activities in 8<sup>th</sup> Street SE on April 19, 2016 and May 21, 2016.

| Date    | Location | Resource/Number   | Description  | Follow-up Action            |
|---------|----------|---|--|-----------------------------|
| 3/22/16 | Area 2   | Segment of the brick-lined 1903 sewer line<br>VAT-2016-HB-002 | Brick-lined 2 <sup>nd</sup> Street SE Sewer line under the 1906 tunnel segment | Photodocumentation complete |
| 4/21/16 | Area 6   | Brick-lined manhole<br>VAT-2016-HB-003                        | Square brick-lined manhole   | Photodocumentation complete |

### B. Construction Protection Plan

- Crack monitors were installed at the following historic resources:  
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 of the crack monitors at all nine locations show no change from the baseline conditions.

- A geotechnical prism was installed at 401 I Street SE (St. Paul AUMP Church). Current readings from the prism 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.

### G. Interpretive Signage for the Virginia Avenue Tunnel

- Draft Virginia Avenue Tunnel panels were uploaded to the project webpage for official 30-day review by the MOA signatories and consulting parties on April 4, 2016.
- No additional comments were received from the MOA signatories or consulting parties during the 30-day review period which ended May 3, 2016.

- Final revisions were incorporated; the panels will be reviewed once again prior to fabrication and installation when the tunnel reconstruction is complete.

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

- Draft L'Enfant Plan/Paving Stone Site panels were uploaded to the project webpage for official 30-day review by the MOA signatories and consulting parties on April 4, 2016.
- No additional comments were received from the MOA signatories or consulting parties during the 30-day review period which ended May 3, 2016.
- Final revisions were incorporated; the panels will be reviewed once again prior to fabrication and installation when the tunnel reconstruction is complete.

#### J. Designation of Control Point Virginia Tower

- The NRHP nomination form was uploaded to the project website and an email was sent to the MOA signatories and consulting parties on February 19, 2016 notifying them of its availability for the 30-day review. The review period ended March 23, 2016. No comments were received.
- The DC Historic Preservation Review Board (HPRB) approved CP Virginia Tower as a DC Landmark in their monthly meeting on March 24, 2016.
- The revisions to the NRHP nomination form based on DC HPRB comments were transmitted to the DC SHPO on April 28, 2016.
- The DC HPRB designation report for CP Virginia Tower was sent on May 5, 2016. CP Virginia Tower is now eligible for listing on the National Register of Historic Places and is a DC Historic Landmark.

#### K. Rehabilitation of Control Point Virginia Tower

- The Rehabilitation Plan was uploaded to the project website and an email was sent to the MOA signatories and consulting parties on February 19, 2016 notifying them of its availability for the 30-day review. The review period ended March 23, 2016. No comments were received.
- Responses to the DC SHPO Design comments were submitted to the DC SHPO on March 18, 2016.
- Additional clarification of one comment was provided by the DC SHPO on April 14, 2016.
- The DC SHPO asked for one further review of the Rehabilitation Plan. The final revised Rehabilitation Plan was submitted on April 26, 2016.
- The DC SHPO asked for one further organizational change in the Rehabilitation Plan on May 24, 2016 which was immediately incorporated into the final plan.
- The DC SHPO concurred with the Rehabilitation Plan on May 24, 2016.
- The Final Rehabilitation Plan was uploaded to the VAT project website on May 30, 2016 and the MOA signatories and consulting parties were notified by email.

## MOA Stipulation II - Archaeological Stipulations

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

- No paving stones have been encountered to date within utility relocation 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.
- Half of the remaining stockpiled paving stones east of 11<sup>th</sup> Street SE (250+ paving stones) were transported and stored at CSX's New Jersey Yard on March 28, 2016.
- Most of the additional stockpiled paving stones east of 11<sup>th</sup> Street SE (200+ paving stones) were transported and stored at the New Jersey Yard on April 18 and 19, 2016.
- Only 30+ loose paving stones remain east of 11<sup>th</sup> Street SE and will be recovered in the future.

### B. Unanticipated Archaeological Discoveries

| Date    | Location | Resource/Number   | Description                                 | Collected Artifacts    |
|---------|----------|-------------------|---|------------------------|
| 2/26/16 | Area 1   | Isolated Artifact | 1875-1906+medicine bottle                   | Medicine bottle        |
| 3/17/16 | Area 4   | Isolated Artifact | Acetylene torch nozzle with Bakelite handle | Acetylene torch nozzle |
| 4/20/16 | Area 1   | Isolated Artifact | Iron spike maul hammer head                 | Iron hammer head       |
| 4/21/16 | Area 5   | Isolated Artifact | Brass barrel (skeleton) key                 | Key                    |
| 5/12/15 | Area 5   | VAT-2015-012      | Brown swirl porcelain door knob             | Door knob              |

### C. Unanticipated Archaeological Discoveries and Treatment of the Human Remains on National Park Service (NPS) Property

- The annual renewal form for the ARPA permit for Reservation 122 was submitted to the NPS for review and approval on March 18, 2016.
- The NPS memo to the Regional Superintendent on approval of the renewal of the ARPA permit was sent by Dr. Stephen Potter on March 25, 2016.
- Dr. Stephen Potter provided clarification on June 1, 2016 that the NPS memo **IS** the ARPA renewal for July 1, 2016 through June 30, 2017.

## 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 project website was sent by email on March 8, 2016.

- Notification of the availability of the draft double-sided Virginia Avenue Tunnel interpretive sign on the project website for 30-day review was sent by email on April 4, 2016.
- Notification of the availability of the draft double-sided L'Enfant Plan/Paving Stone Site interpretive sign on the project website for 30-day review was sent by email on April 4, 2016.
- Notification of the Final Rehabilitation Plan for CP Virginia Tower on the project website for was sent by email on May 31, 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 8<sup>th</sup> Street SE.

##### J. Designation of Control Point Virginia Tower

- Upload the final NRHP nomination form to the project website and notify the MOA signatories and consulting parties.

##### K. Rehabilitation of Control Point Virginia Tower

- Receive approval from DCRA on the permit drawings.
- Continue to identify vendors and subcontractors.
- 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 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 and document any evidence of historic paving stones.
- Oversee transport of remaining paving stones near the 11<sup>th</sup> Street Bridges to the CSX New Jersey Yard for storage.
- Begin 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.