# **Virginia Avenue Tunnel Reconstruction Project**

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

#### September 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.
- All pile drilling for support of excavation has been completed.
- 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 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).
- Road decks have been 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.
- Concrete mud mats, tunnel inverts, walls, and roof panels are continuing to be poured and waterproofing installed between 2<sup>nd</sup> and 3<sup>rd</sup> Streets SE (Area 2), between 3<sup>rd</sup> and 4<sup>th</sup> Streets SE (Area 3), 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 8<sup>th</sup> and 12<sup>th</sup> Streets SE (Area 6).
- 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.

## **Meetings**

- A community forum "Coffee with Chuck" (Chuck Gullakson, CSX Vice President and Engineering Manager) was held on June 15, 2016.
- An Open House for the general public was held on July 21, 2016.
- A community forum "Coffee with Chuck" (Chuck Gullakson, CSX Vice President and Engineering Manager) was held on August 17, 2016.
- A community meeting with Chuck Gullakson, CSX Vice President and Engineering Manager- was held on August 30, 2016.

# Virginia Avenue Tunnel Reconstruction Project Work Area Location Map



#### **MOA Stipulation I - Historic Built Environment**

#### 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.

#### C. Virginia Avenue Tunnel



The abandoned segment of the 1872 Navy Yard Tunnel at left, under 7<sup>th</sup> Street SE, looking west/northwest.

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

• The final NRHP nomination form was uploaded to the project website on June 9, 2016 and the MOA signatories and consulting parties were notified by email.

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

• The rehabilitation of Control Point Virginia Tower has begun with the erection of scaffolding.

## **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 11t<sup>h</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.

## B. Unanticipated Archaeological Discoveries

Date	Location	Resource/Number	Description	Collected Artifacts
6/10/15	Area 5	VAT-2015-012	Small aqua glass round base medicine bottle	Medicine bottle
6/17/16	Area 7	Isolated Artifact	Clear glass pony or stubby Miller High Life beer bottle	Beer bottle
7/12/16	Area 7	VAT-2016-002	Historic and modern bottles	Milk, liquor, beer, soda and medicine bottles
7/13/16	Area 7	VAT-2016-002	Historic and modern bottles	Liquor, beer, soda and condiment bottles
7/15/16	Area 7	VAT-2016-002	Historic and modern bottles	Coke, liquor, beer, and soda bottles
7/19/16	Area 7	VAT-2016-002	Historic and modern bottles	Liquor, beer and soda bottles
7/22/16	Area 7	VAT-2016-002	Historic liquor bottle	Flask liquor bottle
7/22/16	Area 5	Isolate	Small Railroad Spike	Railroad spike
7/29/16	Area 7	VAT-2016-002	Historic liquor bottle	Liquor bottle
7/29/16	Area 5	VAT-2016-012	Round paneled preserve jar	Preserve jar
8/9/16	Area 5	VAT-2015-012	Whiteware fragments with blue decorations, partial brass bit key	Brass Key Fragment
8/10/16	Area 5	VAT-2015-012	Steel barrel bit key	Steel Key

#### **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 June 6, 2016.
  - Notification of the Final NRHP Nomination Form for CP Virginia Tower on the project website was sent by email on June 9, 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
  - Continue with rehabilitation activities.

## **MOA Stipulation II - Archaeological Stipulations**

- A. Virginia Avenue Paving Site (51SE062)
  - Submit a Determination of Eligibility (DOE) for the Virginia Avenue Paving Site 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.
  - 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.