

Memo

To: Fort Point Neighborhood Association and
St. Vincent's Lower End Neighborhood Association

From: Ileen Gladstone, P.E., LSP

c: Tommy Butler, Massport

Date: December 6, 2023

Re: Community Update #13 (Week of November 27, 2023)
Cypher/E Street Improvement Project
South Boston, Massachusetts
GEI Project No. 2302746

As the community's Licensed Site Professional (LSP) representing its interests on the Cypher/E Street Improvement Project, I am providing regular updates on project activities. The site Contractor is DW White and the LSP and Environmental Consultant representing Massport is Tetra Tech.

1. Recent Activity (Week of November 27, 2023)

During the weeks of November 27, 2023, DW White excavated soil from between C and D Street (See Section 2). No soil was transported offsite. They received and stockpiled deliveries of ¾" stone; the stone is uncontaminated material that will be used for backfilling.

Paving was conducted on Thursday November 30, 2023, and Friday, December 1, 2023. Paving did not extend into Saturday.

2. Soil Excavation

2.1 D to E Street Connector

Soil was not excavated and transported offsite. Continued placement and roll compaction of imported dense gravel borrow and grading. Placed subbase and primer, paving the D to E Street Connector on Thursday, November 30, 2023, and Friday, December 1, 2023.

2.2 TSCA Area

Soil was not excavated and transported offsite. Continued placement and roll compaction of imported dense gravel borrow and grading. Placed subbase and primer, paving the TSCA Area on Thursday November 30, 2023, and Friday, December 1, 2023.

Dust control monitoring was conducted.

2.3 Cypher between D to C Street

Continued placement and roll compaction of imported dense gravel borrow and grading from C Street to Bullock Street. Placed subbase and primer, paving between C Street and Bullock Street on Thursday, November 30, 2023, and Friday, December 1, 2023.

Continued excavation, installation of trench box, placement of imported gravel bedding, installation of drainage structures and backfill (see photo log) from Bullock Street to D Street. Dewatered drainage structure due to heavy overnight rain and recharged on-site.

3. Dust Monitoring

3.1 Work Site

Dust monitoring is being conducted at the perimeter of the project work zone. Real time monitors are in place at the work site. The dust monitoring will assess the contractor's ongoing dust control measures and if additional controls are needed. The contractor will be controlling dust in the TSCA area by only exposing soil in an area that can be excavated in one day, covering the exposed soil at the end of the day, and using water misting. If the dust readings exceed the project standards, the contractor will increase their dust control measures such as additional water sprays or other measures. If necessary, work will be temporarily stopped until the project standards are met.

The dust Response Level (0.075 mg/m³) and the Action Level (0.150 mg/m³) were exceeded on Thursday November 30, 2023, and Friday, December 1, 2023. The dust Response Level (0.075 mg/m³) only was exceeded on Wednesday, November 29, 2023.

On November 30, 2023, and December 1, 2023, the Response Level and Action Level was exceeded at on-site monitors between West Service Road and C Street (TSCA Area), on E Street near the Self-Storage Building, and at D Street near the laydown area. The exceedances were due to the steam generated by paving activities and not associated soil excavation or soil loading. Soil being excavated between Bullock and C Street were moist and did not generate dust.

On November 29, 2023, the Response Level was exceeded on Cypher Street, east of C Street near the trailer. DWW using an excavator to install concrete electrical boxes by the construction trailer, dust control was employed, and conditions improved quickly.

3.2 Community Parks

As requested by the community, Massport is conducting dust monitoring at the A Street Park, Flaherty Park, and the Mahoney Community Garden. Dust monitoring continues at each of the parks. The dust monitors are being deployed daily during the work week. Tetra Tech places a monitor in each park at the beginning of the workday and remove it at the end of the workday.

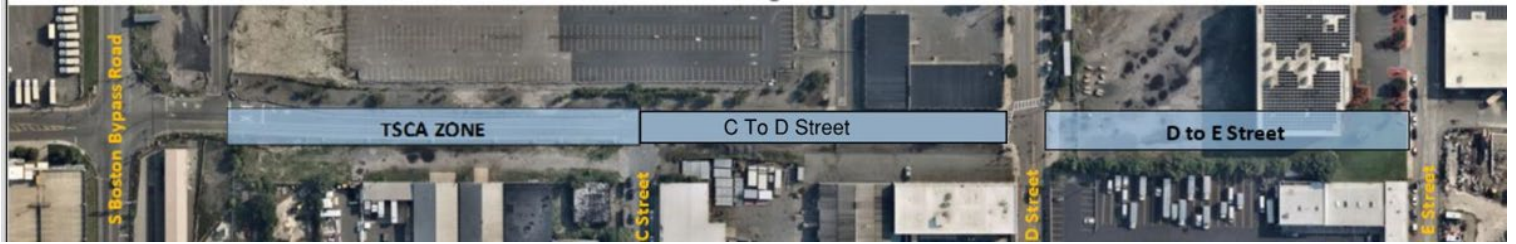
On November 30, 2023, the Response Level was exceeded at the A street Park. The City was conducting leaf blowing. Tetra Tech inspected the station and concluded that the exceedance was not associated with construction.

Recorded dust levels at the A Street Park, Flaherty Park and Mahoney Community Garden were below actions levels during the rest of the work week.

4. Schedule

As is typical on construction projects, the contractor provides a look ahead schedule. These schedules often get modified based on field conditions, but they provide a good estimation of upcoming activities. According to DW White's look ahead schedule, the following activities are planned:

Week of 12/04/2023	<ul style="list-style-type: none">• Curb installation in TSCA Area and D to E Street Connector.• Off-site disposal of TCLP lead soil from Massport Old Cypher Street Site.• Continue roadway construction between Bullock and D Street
Week of 12/11/2023	<ul style="list-style-type: none">• Continue street light installation and other elements in sidewalks.
Week of 12/17/2023	<ul style="list-style-type: none">• Continue street light installation and other elements in sidewalks.



5. Project Website

Massport and GEI have been collaborating on a project website, cyphereproject.com. The website includes contact numbers for Massport, the PowerPoint presentations from the community meetings, and traffic management and environmental controls information. The Community LSP page includes my background and contact information. I will be posting regular Community Updates on the website to keep you informed on the project progress, soil excavation, trucking, dust monitoring results, schedule, and other project activities.

6. Additional Activities

On October 13, 2023, Massport notified MassDEP of a new release associated with sampling to characterize soil for offsite disposal on E Street, outside the boundaries of disposal sites currently on file with MassDEP. Lead was detected at a concentration of 787 mg/kg. MassDEP assigned Release Tracking Number (RTN) 3-38418 to the release. On October 19, 2023, Tetra Tech submitted a Utility Related Abatement Measure (URAM) notification to MassDEP for construction. The location of RTN 3-38418 is shown on the photo log.

On November 17, 2023, Massport notified MassDEP of a new release associated with sampling to characterize soil for offsite disposal on Massport Property on Old Cypher Street near D Street, outside the boundaries of disposal sites currently on file with MassDEP. The reported contaminants were lead, arsenic, Total Petroleum Hydrocarbons (PAHs) and select polyaromatic hydrocarbons (PAHs). MassDEP assigned RTN 3-38455 to the release. On December 4, 2023, Tetra Tech submitted a URAM notification for construction in that area. The location of the release is shown on the photo log.

Massport offered to allow the MCCA to use the sheds in the parks to house their dust monitors during their remediation activities.

Attachments

ISG:jam

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Continued placement of drainage structures between Bullock and D Street



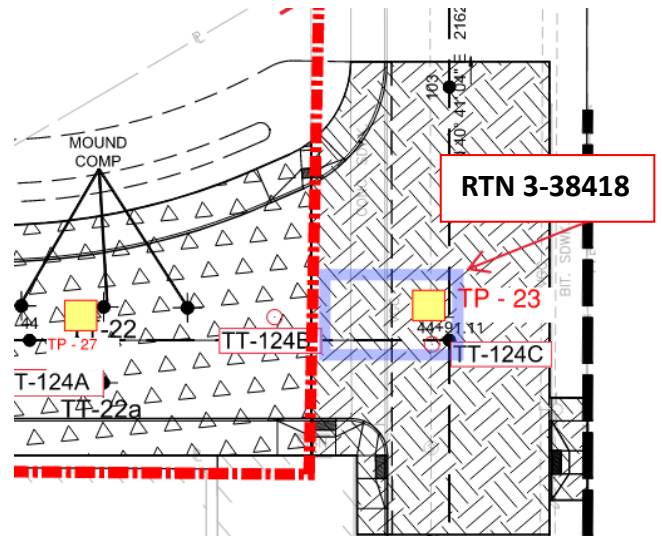
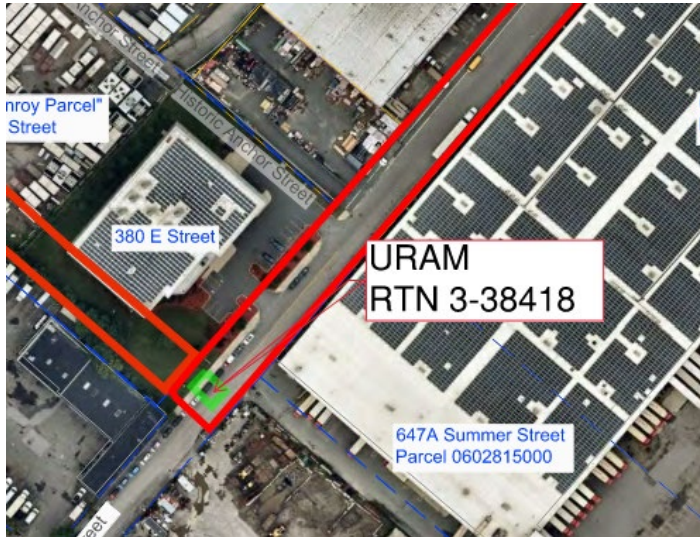
Final grading before paving



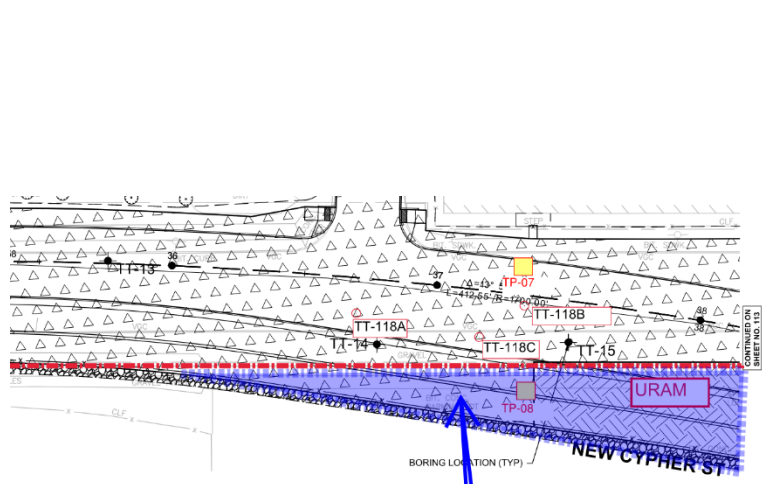
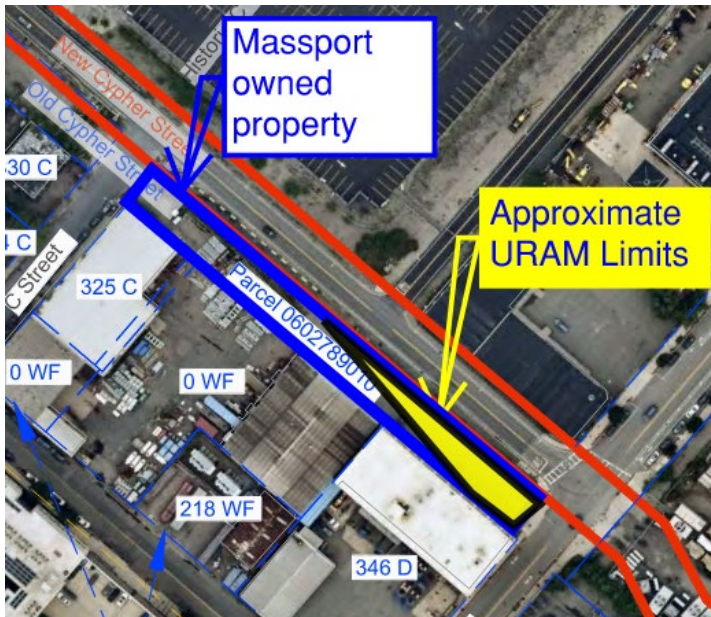
Asphalt paving in TSCA Area



Asphalt paving in C to D Connector



Location of URAM 3-38418 on E Street



Location of URAM 3-38455 on Massport Property on Old Cypher Street