

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: November 1, 2023

Re: Community Update #9 (Week of October 23, 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 October 23, 2023)

During the week of October 23, 2023, DW White excavated and transported offsite soil in the D to E Street Connector (see Section 2). They continued excavation in the TSCA Area (see Section 2). They received and stockpiled deliveries of ¾" stone; the stone is uncontaminated material that will be used for backfilling.

2. Soil Excavation

Work in the in the D to E Street Connector included catch basin and drainage lines installation, and backfilling (see photo log). Four trucks of soil were excavated and transported offsite each day on Tuesday October 24 and Wednesday October 25, 2023, for a total of eight trucks in the D to E Street Connector.

PCB contaminated soil was excavated in the TSCA Area on three days, Tuesday, Wednesday and Thursday, October 24, 25 and 26, 2023.

Soil in TSCA work zone was excavated along the northern side of work zone. An orange ID marker was installed at the final subgrade elevation and backfilled with clean dense grade material. No portion of the excavation was left uncovered.

Continued placement of imported material on southern portion of TSCA area that did not require excavation. An orange ID marker was installed at the final subgrade elevation and backfilled (see photo log).

Manhole structures and drainage were installed in clean backfill above the marking layer (see photo log).

Dust control monitoring, watering, and sweeping was conducted. The soil excavated in the TSCA area was moist enough that it required minimal additional dust control measures. Dust monitoring during excavation did not indicate additional action. Additional dust control was triggered during sweeping in TSCA area (see Section 3.1)

Six trucks, three trucks, and nine trucks of TSCA soil were shipped offsite on October 24, 25 and 26, 2023, respectively. The trucks were decontaminated prior to leaving the site, covered, and escorted offsite and instructed to turn left to the Bypass Road.

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 Monday, Tuesday, Thursday and Friday, October 23, 24, 26, and 27, 2023.

On October 23, 2023, the levels were exceeded in the TSCA area near the decontamination pad during sweeping; the work ceased and conditions improved quickly.

On October 24, 2023, the levels were exceeded in the TSCA area west of C Street during street sweeping and driving equipment on Cypher Street. DW White sprayed water on the road and conditions quickly improved.

On October 26, 2023, the levels were exceeded near E Street during soil compaction. DW White ceased work and conditions improved quickly.

On October 27, 2023, the levels were exceeded in the D street laydown area due to trucks driving at the site. DW White sprayed water on the truck route 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 will place a monitor in each park at the beginning of the workday and remove it at the end of the workday. They will also be removing the solar panels and will rely on a battery pack for the monitors.

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

4. Schedule

As 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:

<p>Week of 10/30/2023</p>	<ul style="list-style-type: none"> • Continue roadway construction in TSCA Area, excavation confirmed for Monday and Thursday, October 30, 2023 and November 2, 2023 • Pavement milling on Thursday and Friday November 2 and 3, 2023. • Install drainage in portion of roadway in TSCA Area • Continue roadway construction in D to E Street Connector
<p>Week of 11/6/2023</p>	<ul style="list-style-type: none"> • Continue roadway construction in TSCA Area. Excavation of PCB contaminated soil may be completed. • Continue roadway construction in D to E Street Connector
<p>Week of 11/13/2023</p>	<ul style="list-style-type: none"> • Continue roadway construction in TSCA Area • Continue roadway construction in D to E Street Connector



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

Massport is evaluating options for planting trees as part of the project.

Attachment

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Catch basin in C to D Connector



Placement of marker and linear on
South side of TSCA area



Catch basin in roadway in TSCA area over
marking layer



Drainage in roadway in TSCA area over
marking layer