Somerville Ave Utility and Streetscape Improvements

Public Meeting – Updates and Construction Impacts
Mayor Joseph A. Curtatone

July 18, 2019
Academy Room, Public Safety Building

Presented by:

• **Jesse Moos**, Construction Liaison and Compliance Manager, Engineering

• **Dan Amelin**, Project Manager, Engineering

• **Rachel Burckardt**, PE, Project Manager, WSP

• **Georgianna Silveira**, Environmental Health Coordinator
What We’re Covering Tonight

• Project Overview

• Recent Construction Progress

• Upcoming Construction Work Zones
  - Union Square Plaza (Stages 1C & 1D)

• Traffic Impacts and Detours
  - Union Square Plaza (Stages 1C & 1D)

• Community Outreach & Engagement
Rodent Management

Pest control efforts has been in place since the start of the project

- Placement of poison boxes on public property throughout the project area with weekly service
- Tracking and targeting areas of higher activity

What is the City doing?

- Tracking rodent activity through the city’s 311 call center
- Learning more about rodent populations through trapping programs and monitoring
- Working on new ways to education business owners, land lords, and tenants on rodent activity and prevention
- Improving effectiveness of baiting strategies
# Rodent Management

## Mapping & Analysis

<table>
<thead>
<tr>
<th>Year</th>
<th>No. of calls</th>
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<tbody>
<tr>
<td>2016</td>
<td>523</td>
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<tr>
<td>2017</td>
<td>577</td>
</tr>
<tr>
<td>2018</td>
<td>717</td>
</tr>
<tr>
<td>2019 (Jan. – June)</td>
<td>367</td>
</tr>
</tbody>
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2016

2017

2018

2019

Infrastructure and Asset Management
Rodent Management
Reporting Sightings: What You Can Do!

Call 311
- Things to report:
  - Rat sightings or signs of rat activity such as burrows or droppings
  - Over-full or damaged city trash barrels
  - Overflowing dumpsters or trash carts
  - Any other conditions that may provide a food source for rodents

Keep an eye out
- Regularly inspect your home, yard, business, etc. for signs of rat activity
  - Go to somervillema.gov/rodentcontrol for more information about what to look for

Take action
- Follow the tips on the website listed above to keep rats away from your property
- Look into hiring a professional
  - Property owners may qualify for free extermination assistance from the city!
Expected Project Duration: April 2018 – Summer 2021
Percent Complete: ~ 38% (465 days into project)

- Streetscape Improvements – lighter touch
- Stormwater Box Culvert
- Streetscape Improvements
- Utility Upgrades – entire project area
New 16” Water Main

New 14’ by 6’ Stormwater Box Culvert

New 12” Water Main

Line Existing 39” by 26” Brick Sanitary Sewer

Line Existing 72” Brick Combined Sewer

New Communications Duct Bank

Existing Communications, Electric, and Gas

Line Existing 12” Clay Sanitary Sewer

Project Overview
Box Culvert & Utilities Summary
Construction Progress
Stage 1A-1, Union Square

- Box Culvert Installation / Union Square, Stage 1A-1
- Timeline: February 19, 2019 to July 17, 2019
Construction Progress  
Stage 1A-1, Union Square

Upstream Connection (Stage 1A-1, Union Square)
- Excavation Process (ledge)
- Impacts to Existing Pipes System (bypass), condition of existing pipes
- Structure and Culvert Installation
  - Crane Needed to pick structures
  - Sizes of pipes/culvert
- Functionality
- Lane Opening / Continued work in condensed work zone.
Construction Progress
Stage 1A-1, Union Square (February 2019 - June 2019)
Construction Progress
February 2019, Stage 1A-1
Construction Progress
March 2019, Stage 1A-1
Construction Progress
April 2019, Stage 1A-1
Construction Progress
May 2019, Stage 1A-1
Additional Utility and Subsurface Construction
Somerville Ave

Trolley Track Removal
• Prospect St. to Medford St.
• 2,500 linear feet removed.

Water Main Installation
• Somerville Ave from Prospect St. to Medford St.
• 2,000 linear feet installed.

Gas Services Replaced
• Somerville Ave from Allen St. to Medford St.
• ~ 20 new services replaced

RCN Relocations (Fiber Optic & Coaxial Cables)
• Somerville Ave between Prospect St. and Merriam St.
• Relocated ~ 1,000 feet of cable.
Previous Detour - Stage 1A-1, Union Square
Impacts and Resolution
Current Work
Stage 1D
Upcoming Work
Stage 1C
Current Traffic & Bicycle Impacts

Union Square Construction: Vehicle/Bike Detour
June 2019 - September 2019
Detour is in effect 6:30AM - 4PM

Somerville Ave: Webster to Prospect
ONE WAY ONLY: 6:30AM-4PM
TWO-WAY ALLOWED: 4PM - 6:30AM
Current Public Transit Impacts

Union Square Construction: Bus Detour
June 2019 - September 2019

Bus Detour is in effect 24/7

Closed for duration of detour
Temporary stop: 85, 86, & 91 outbound; 87 Inbound, CT2 outbound to remain

Bus Stop Closed
Bus Stop with Detour and regular routes routes operating
Bus Stop with regular routes operating
Route 87 Inbound Detour (To Lechmere)
Route 86 Outbound Detour (To Sullivan)
Route 91 Outbound Detour (To Sullivan)
Route 85 Outbound Detour (To Spring Hill)

Walking paths from closed bus stop to nearest open bus stops

Infrastructure and Asset Management
Future Work
Stage 1B (Stone Avenue)
• VMS Boards
• Banners on Workzone Fences
• Light pole banners
• Social Media - #Loyal2Local, #LoveUnionSquare
# Community Outreach & Engagement

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<thead>
<tr>
<th>DIGITAL</th>
<th>TARGETED</th>
<th>EVENTS</th>
<th>FOR BUSINESSES</th>
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<tbody>
<tr>
<td>› Community note</td>
<td>› Letters for abutters (i.e., Stone Ave. residents)</td>
<td>› Public meetings</td>
<td>› Door-to-door outreach</td>
</tr>
<tr>
<td>› City Alert (call/email/SMS)</td>
<td>› Schools</td>
<td>› Fluff &amp; SomerStreets</td>
<td>› Econ Dev e-newsletter</td>
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<td>› Gov’t Access TV</td>
<td>› SomerViva</td>
<td>› Coffee hours</td>
<td>› USMS meetings</td>
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<tr>
<td>› City home page</td>
<td>› Arts Council</td>
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<tr>
<td>› Project website</td>
<td>› Bicycle Committee</td>
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<tr>
<td>› Social media</td>
<td>› Bluebikes</td>
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<tr>
<td>› E-newsletters: Construction Updates</td>
<td>› MBTA</td>
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Questions?

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Website:
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