GREEN LINE EXTENSION PROJECT

GLX General Public Meeting
Medford City Hall
July 18, 2018
Agenda

I. Opening Remarks
   ▪ Terry McCarthy, MBTA

II. Community Path Design
   ▪ Sean Anderson, GLXC Engineering Coordinator

III. Construction Update
   ▪ John West, GLXC Project Manager

IV. Bridge Replacement and Traffic/Pedestrian Detours
   ▪ Michael Ortler, GLXC Construction/Traffic Coordination
   ▪ Andrew Smith, MBTA Senior Transportation Planner

V. Discussion
Project Status

• Green Line Extension Project Groundbreaking (Monday, June 25 – Future Union Square Station)
GLX Update

• Green Line Extension Project Groundbreaking (Monday, June 25 – Future Union Square Station)
Project Status

- **Somerville GLX Info Table** (Saturday, June 23 – Outside of Blue Cloud Gallery)
Community Path Design Update

Sean Anderson, GLXC Engineering Coordinator
Community Path

Contract Design **Before** Additive Options

![Map showing the Community Path with start at MAGOUN STATION, connections by others, and finish at EAST SOMERVILLE STATION.](image)
Community Path

Design Alignment

MAGOUN STATION

Existing Community Path

Start

Proposed East Side Alternative (Not Final or Approved)

COMMUNITY PATH EXTENSION

EAST SOMERVILLE STATION

DRAFT

DRAFT

Alignment of Additive Option

Finish
Community Path

Design Alignment: Brick Bottom to Avalon North Point
(Subject to Modification as the Design Progresses)
Community Path

Design Alignment: Cross to Washington
(Subject to Modification as the Design Progresses)
Community Path

Design Alignment: School to Walnut
(Subject to Modification as the Design Progresses)
Community Path

Design Alignment: Lowell to Sycamore
(Subject to Modification as the Design Progresses)
Community Path

Safety Features

- Bollards at all road crossings
- Lighting
- Safety Call Boxes between each 2 roadways or every 1000 ft
- Roadway signage and cautionary road striping to alert drivers at crossings
- Guardrail and Fence between Community Path and Green Line Track
Construction Update
John West, GLXC Project Manager
• Safety & Security

– Cultivating a safety culture rooted in concern and care for ourselves and our fellow workers and absolute compliance
– Project hours through June: 165,157
– Next Quarterly Emergency Responder Meeting July 26
Overview Schedule

- Design & Pre-Construction Work | Underway
- Alignment Tree Clearing | Spring- Summer 2018 (Phase I Complete)
- Construction | Summer 2018 - Spring 2021
- Testing | Spring 2020 - Late 2021
- Opening | Late 2021
GLX-Bridge Closure Schedule – As of July 2018

<table>
<thead>
<tr>
<th>Bridge Closures</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FALL</td>
<td>WINTER</td>
<td>SPRING</td>
<td>SUMMER</td>
</tr>
<tr>
<td>Broadway</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Washington Street</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medford Street</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>School Street</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Avenue*</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cedar Street</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lowell Street</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Traffic through College Avenue will remain open throughout construction.

Note: Medford and School Street Bridges will not be closed at the same time. The closings are sequential.
Phase II - Tree Clearing & Grubbing Along West Side of Alignment

➢ When?
   ▪ May begin in August 2018.

➢ Where?
   ▪ West side of ROW from Washington Street to Lowell Street in Somerville

➢ Why?
   1. Public safety measure
   2. Prepare for retaining wall construction.
Project Status

Phase II - Tree Clearing & Grubbing Along West Side of Alignment
Project Status

Phase II - Tree Clearing & Grubbing Along West Side of Alignment
Project Status

Phase II - Tree Clearing & Grubbing Along West Side of Alignment

Exposed Roots
Project Status

• Old Track Removal
  – 5,500 feet of used rail removed
  – Rail to be recycled
  – Footprint will be future home of light rail for Green Line Extension
Project Status

• Right of Way Trash Cleanup
  – Focus on west side of alignment where we have access with heavy equipment
  – More than 500 tons of trash removed to date
  – Supports project Integrated Pest Management Program
Project Status

- **Integrated Pest Management**
  - Weekly Inspections of baiting stations continue

- **Pre-Construction Survey**
  - Focus continues on the east side of alignment
  - 147 of 221 property inspections complete in phase I

- **Soil Boring**
  - Used to determine geological conditions in support design effort
  - Work wrapping up w/ 447 soil core samples pulled
Project Status

- **Utility Test Pitting**
  - Work to confirm utility locations continue in support of design & construction
  - 165 of 249 Test Pits (as of June 29)

- **Soil Pre-Characterization for Reuse**
  - 161 Geoprobés completed
Project Status

• Homans Building Demolition
  - Demolition target August/September 2018
  - 3 to 4 week duration
  - Future site of traction power station
  - Outreach campaign planned
Project Status

- Disadvantaged Business Enterprise (DBE) Networking Event
  (Thursday, June 21)
Replacement of Bridges

Vehicular/Peds & Bike/Bus Detours
Bridge Replacement Approach

Broadway Bridge (Targeting Fall 2018 to Fall 2019)
Broadway Bridge Detours - Traffic

DRAFT – For Discussion Purposes Only – Not Finalized or approved
Broadway Bridge Detours – Pedestrians and Bikers

DRAFT – For Discussion Purposes Only – Not Finalized or approved
Bridge Replacement Approach

Washington Street Bridge –
(Targeting Phase I – Early to Late 2019, Phase II – Spring to Fall 2020)
Bridge Replacement Approach

Washington Street Bridge –
(Targeting Phase I – Early to Late 2019, Phase II – Spring to Fall 2020)
Washington St. Bridge Detours - Regional

DRAFT – For Discussion Purposes Only – Not Finalized or approved
Washington St. Bridge Detours – Local

DRAFT – For Discussion Purposes Only – Not Finalized or approved
Washington St. Bridge Detours – Peds/Bikes

DRAFT – For Discussion Purposes Only – Not Finalized or approved
Medford Street Bridge Detour - Traffic

DRAFT – For Discussion Purposes Only – Not Finalized or approved
Option 1 – Diversion via Warner, Harvard, Main, and Medford Streets (80 & 89)

8-10 minutes extra travel time, multiple stop closures, but most straightforward to implement
Option 2 – Diversion via Boston Ave., Rogers/Pearson Aves., Morrison Ave., and Cedar Street

4-6 minutes extra travel time, no stop closures, but more complex implementation
Option 3 – Diversion via Davis Square, Highland Ave., and Cedar St. (80 & 89)

10-15 minutes extra travel time, multiple stop closures, complex scheduling and implementation
Diversion via Tufts St., Cross St., Pearl St., and McGrath Hwy.

5-10 minutes extra travel time, limited stop closures, reasonably straightforward implementation.
GLX Community Working Group

Public Comments

info@GLXinfo.com