GREEN LINE EXTENSION PROJECT
Welcome & Introduction
  ➢ Terry McCarthy, GLX – MBTA

Construction Update
  ➢ John West, GLXC

Construction Sequencing – Broadway Bridge
  ➢ T.J. Steinhilber, GLXC

Public Outreach Update
  ➢ Terry McCarthy, GLX – MBTA
Welcome to the
Steve Taylor Conference Room
GLX-C Construction Update

John West
Project Status

Pre-Construction Survey – Safety Follow-up

• Peer Consultants Workers are now wearing GLX-C branded safety vests

[Images of workers wearing safety vests]
Demolition Update

3rd Avenue

– Demolition of the Walker Bldg. (20 3rd Ave.) COMPLETE!
Project Status

Demolition Update

3rd Avenue
- Demolition of ACPA Bldg. (48 3rd Ave.) will wrap up later this month
Demolition Update

Homans Building

- Atlantic Demolition will mobilize week of March 18 or 25
- Demolition will begin on the track side of the building, working towards Medford Street
- A weekend street closure of Medford Street is anticipated in late March / early April to facilitate demolition of the building façade along Medford Street
- Once the façade is down, road will be reopened and debris will be loaded out
Demolition Update

Ball Square

- Demolition to begin after Homans Building demo (Trending March/April)
- Debris to be segregated & recycled
Project Status

Upcoming Weekend Commuter Rail Outages will help construction with upcoming project activities including:

• Viaduct work near Lechmere Station/ Boston Engine Terminal (BET)
• Bridge demolition

Foundation Work at Boston Engine Terminal (BET)
Project Status

Construction Briefings for Property Owners & Managers near Lechmere Station
Project Status

Multipurpose Machine (MPM)

Photos courtesy of Tim Dineen
Drainage work at Rogers Foam

- Installing new 60” reinforced concrete pipe for stormwater drainage
- Making faster progress getting through rock

Photo courtesy of Tim Dineen
Project Status

Walls
Noise Wall N-6 (Gilman Street between Walnut St. and McGrath Hwy.)

- Steel wall removal complete
- New wall construction underway
- Drilling for piles to be completed this week
Walls
Retaining Wall ME-2 (Between Cedar St. and Charles E. Ryan Rd, behind Somerville Department of Public Works)

- Construction underway
Walls
Retaining Wall ME 2.4 (Granville Ave. to Broadway)

- Drill rig will mobilize in the area soon to support placement of piles
Project Status

Walls
Noise Barrier N-15 (Benham St. to College Ave.)
- Drill rig to mobilize in this area soon to support pile placement
Broadway Bridge Closure Update

Bridge Demolition & Construction
- Bridge closure March 22, 2019
- 12 month demolition and construction schedule
GLX-C Construction Update

T.J. Steinhilber, GLXC
Broadway Bridge Construction Overview
Broadway Bridge Construction Overview

Proposed Broadway Bridge
Bridge Demolition & Support of Excavation Installation

- Existing Condition
Broadway Bridge Construction Overview

Bridge Demolition & Support of Excavation Installation

- Step 1: Demolition of Superstructure and partial excavation for existing substructure demolition.
  - Time frame: Late March 2019 – Early April 2019
Bridge Demolition & Support of Excavation Installation

- Step 3: Installation of track level sheet piles
  - Time frame: Late March 2019 – Early April 2019
Bridge Demolition & Support of Excavation Installation

- Step 4: Installation of Support of Excavation system and track level drainage installation
  - Time frame: Mid April 2019 – May 2019
Bridge Demolition & Support of Excavation Installation

- Step 4: Additional excavation and Micropile foundation installation
- Time frame: May 2019 – July 2019
Bridge Demolition & Support of Excavation Installation

- Step 5: Substructure installation and MSE Wall Construction
- Time frame: July 2019 – October 2019
Broadway Bridge Construction Overview

Bridge Demolition & Support of Excavation Installation

- Step 6: Fill Abutments/MSE Walls, Install Bearing Pads and Install Superstructure Steel
  - Time frame: October 2019 – December 2019
Bridge Demolition & Support of Excavation Installation

- Step 7: Pour Deck, Approach Slabs, Set anchor bolts for superstructure rails and fencing. Start Civil work: Tie into existing Broadway and Boston Ave.
- Time frame: December 2019 – January 2020
Bridge Demolition & Support of Excavation Installation

- Step 8: Pour sidewalk, Install railings and fence. Continue civil installation.
- Time frame: January 2020–February 2020
Bridge Demolition & Support of Excavation Installation

- Step 8: Finalize civil installation. Final Asphalt placement and Striping.
- Time frame: February 2020 – March 2020
Local & Regional Outreach Update

Terry McCarthy, MBTA
Washington St. Bridge Closure Update

Bridge Demolition & Construction

Phase I Closure – April 2019 to November 2019
Phase II Closure – Spring to Fall 2020
Washington St. Bridge Closure Update

Washington St. Closure at Rail Overpass
Washington St. Bridge Closure Update

Washington St. Closure at Rail Overpass
## Target Audience
- Commuting public
- 96 neighboring cities/towns (>1M People)
- 84 media outlets
- 29 Hospitals and medical facilities
- 26 Colleges/Universities
- Chamber of Commerce & large employer database
- Regional bus companies
- MBTA ridership

## Tactics/Approach
- ✓ Variable Message Signs (VMS)
- ✓ Reboot Your Commute campaign
- ✓ Email blasts (More than 6500 registered recipients)
- ✓ MassDOT social media
- ✓ Municipal websites
- ✓ News media engagement
Bridge Closures – Local

- Community Working Group (15 consecutive monthly meetings to date)
- GLX website updates
- Email Blasts (>6500 registered)
- Automated phone calls
- Door to door leafleting
- Sandwich Boards
- Public Meetings
- City Traffic Engineers & First-Responders (regular meetings)
Bridge Closures – To Date

- GLX website updates
  - [https://www.mass.gov/info-details/bridge-closures-glx-project](https://www.mass.gov/info-details/bridge-closures-glx-project)
- Email Blast to Gov Delivery List, Regional Database
- Upcoming Local Briefings
  - Medford Public Meeting for Businesses
  - Somerville Business Office Hours
  - Cambridge Follow Up Public Meeting
  - Charlestown Neighborhood Briefing
- Coordination Briefings
  - Boston Transportation Department
  - MassDOT District 6 Construction
Bridge Closures

Broadway Bridge Closure

• Business Outreach Feb. 11 – 12
  • 210 packets distributed
• Residential Outreach Feb. 21 – present (finishing this week)
  • 2260 door hangers so far
  • 85 abutter specific notices
Bridge Closures

Washington St. Closure at Rail Bridge Underpass

• Business Outreach Feb. 14 – 19
  • 450 packets distributed to almost 300 businesses
• Residential Outreach starts next week
Project Status

Community Connection Team
- Feb. 28 helped the Medford Family Network deliver beds and other furniture to a family in need
Discussion

Terry McCarthy, GLXC