



GREEN LINE EXTENSION PROJECT



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GLX Community Working Group
Monthly Meeting
April 2, 2019

Agenda

Welcome & Introduction

- Terry McCarthy, GLX – MBTA

Construction Update

- John West, GLXC
- Nic Sobey, GLXC





Local & Regional Outreach Update

Terry McCarthy, MBTA

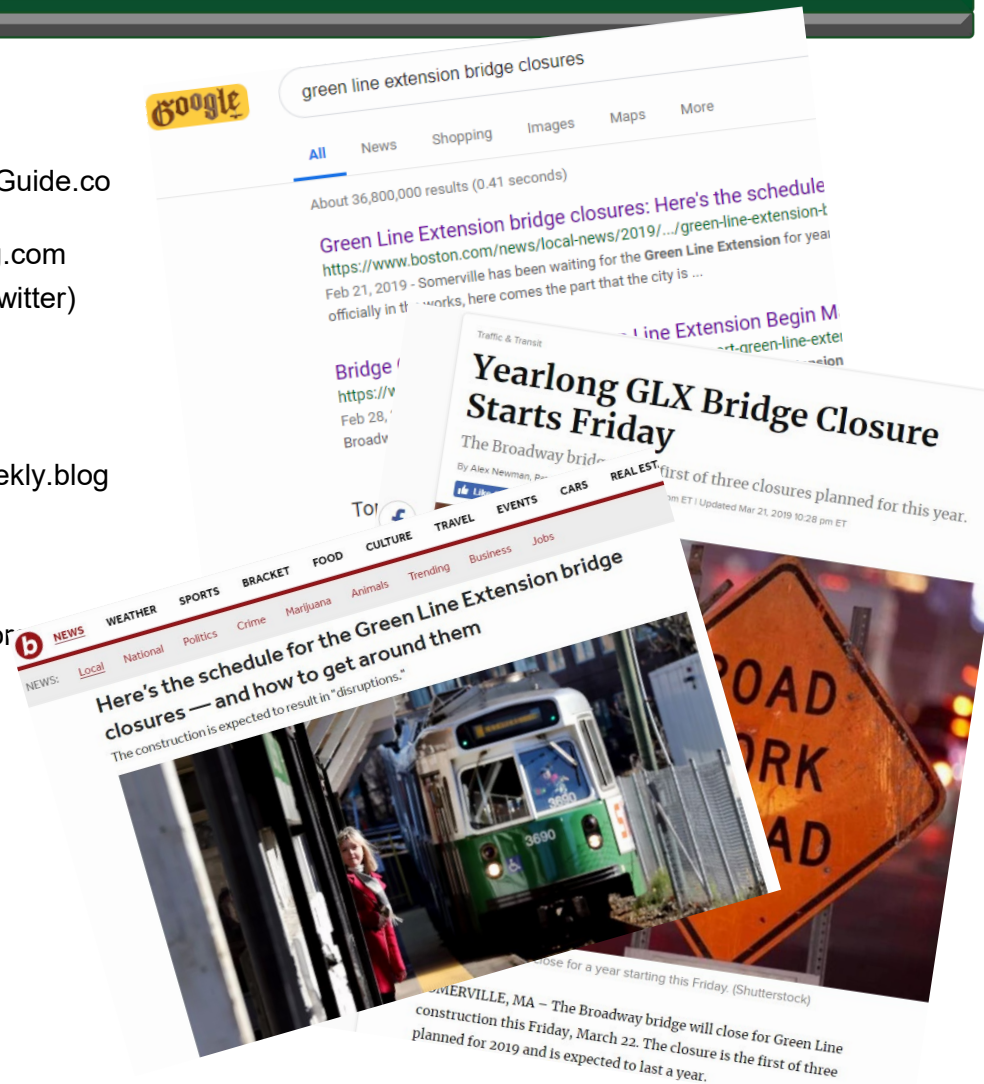
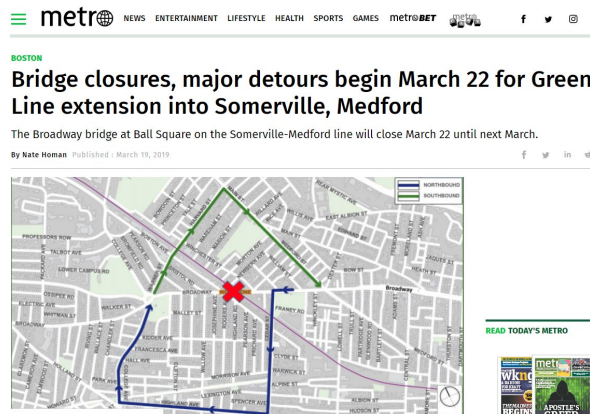


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12. Third Party Coordination - Media

- Boston.curbed.com
- Somerville.ma.gov
- Metro US
- Engineering News-Record
- Boston.com
- Mass.gov
- Medfordma.gov
- Boston Globe
- Somerville.wickedlocal.com
- Markniedergang.com
- TuftsDaily.com
- Patch.com
- NECN
- WCVB
- ConstructionEquipmentGuide.com
- ProgressiveRailRoading.com
- Cambridge Fire Dept (Twitter)
- ScoutSomerville.com
- Patriot Ledger
- MSN.com
- TheSomervilleNewsWeekly.blog
- BostonHerald.com
- Sampan.org (Chinese Newspaper)
- MedfordPublicSchools.org
- BlackInfoNow.org



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GLX-C Construction Update

John West



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Broadway Bridge

- Bridge closed on Friday, March 22 at 10 p.m.
- Demolition started Saturday morning and continued into Sunday evening
- Bridge superstructure removed and part of west abutment



Broadway west of Magoun Square



Superstructure Removal

Broadway Bridge

- Second weekend demolition work occurred March 30 – 31 (during Commuter Rail outage)
- Ongoing traffic and coordination with Somerville and Medford



Winchester and Albion at Broadway



Bridge Hopper Shuttle on Cedar



West Abutment Demolition

Broadway Bridge

Demolition - Video



Broadway Bridge

Broadway Bridge Demolition - video

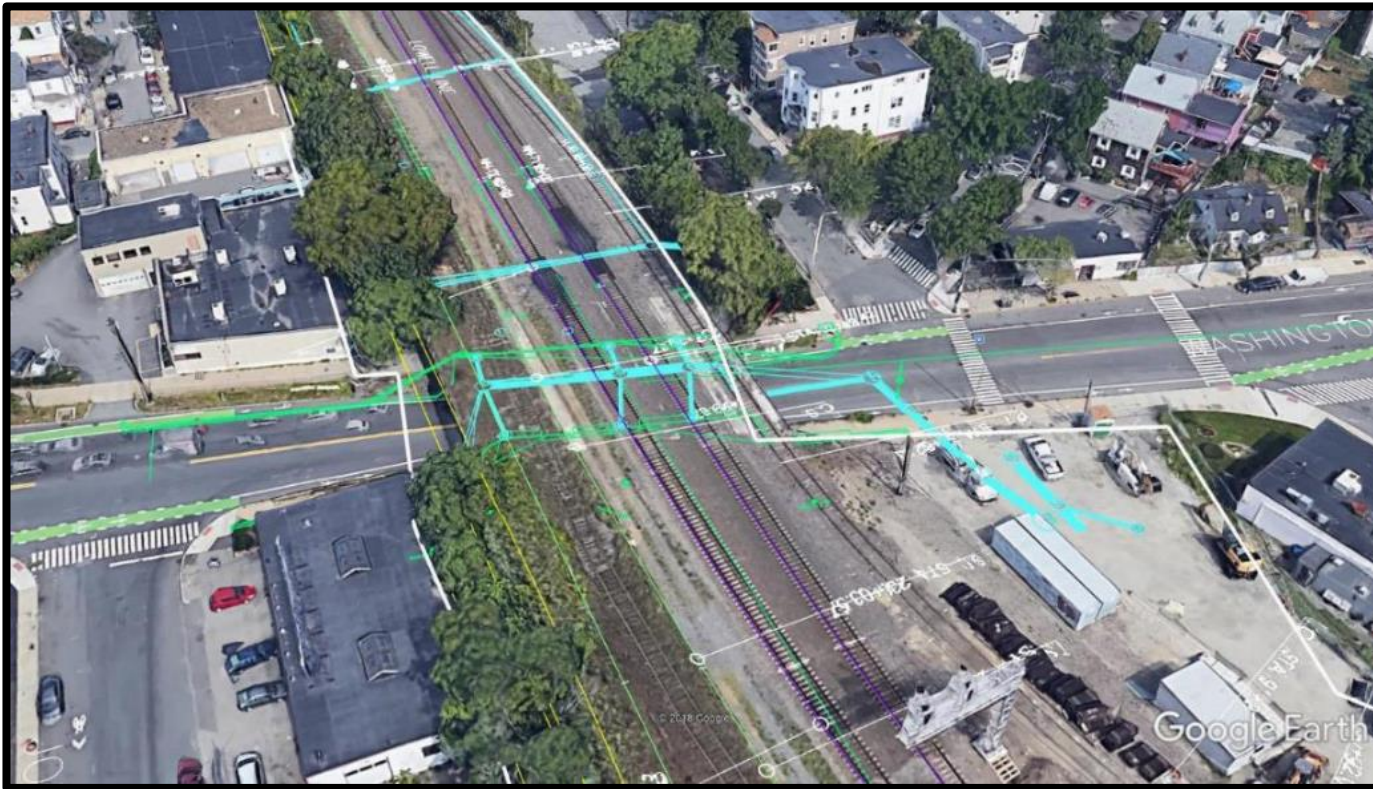


Washington Street Bridge

Demolition and Construction Update – First Two Weeks

Phase I Closure – April 8, 2019 (10 p.m.) to November 2019

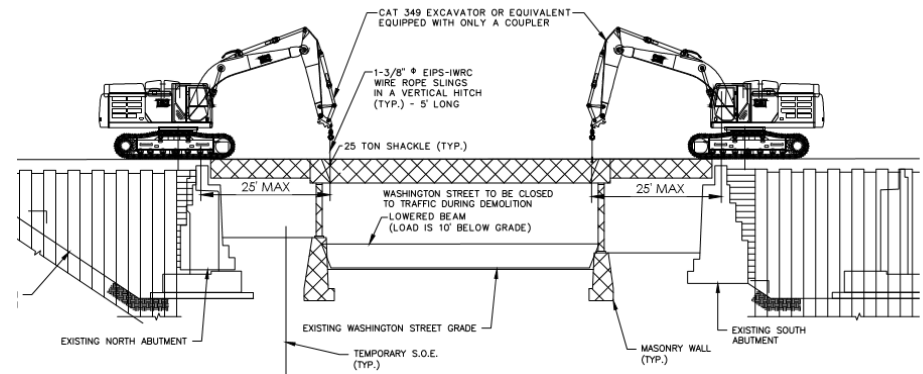
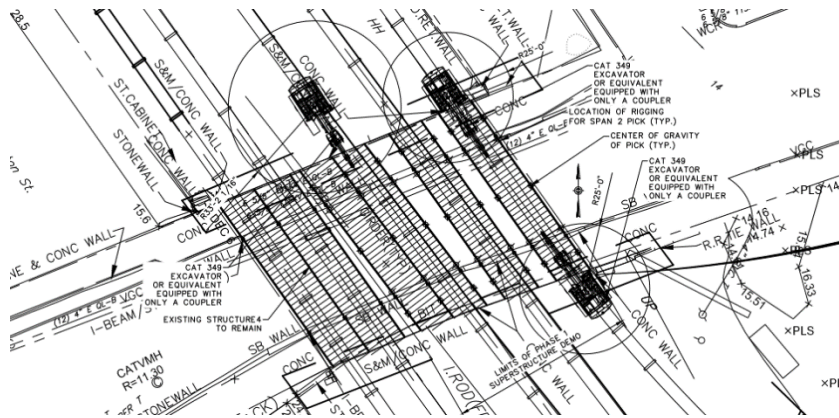
Phase II Closure – Spring to Fall 2020



Washington Street Bridge

Week 1 (4/8/2019 – 4/14/2019)

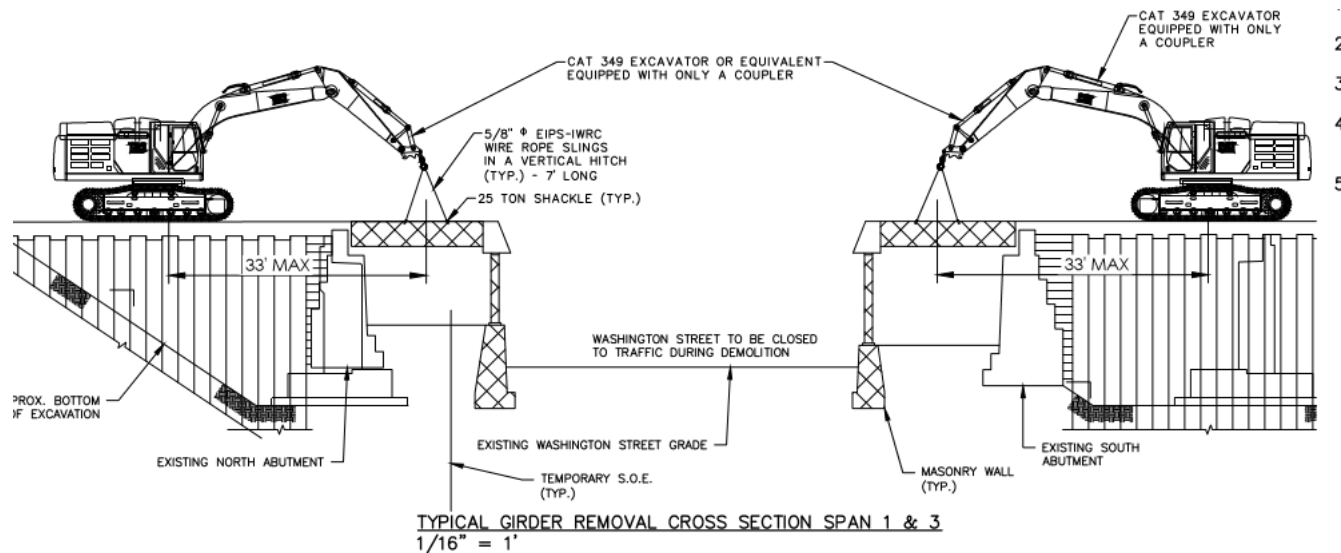
- Partial Super Structure Demolition of Existing Washington Street Bridge
 - Will Occur during daytime hours
 - Roughly 3 Day activity with restricted hours during single track shutdown



Washington Street Bridge

Week 1 (4/8/2019 – 4/14/2019)

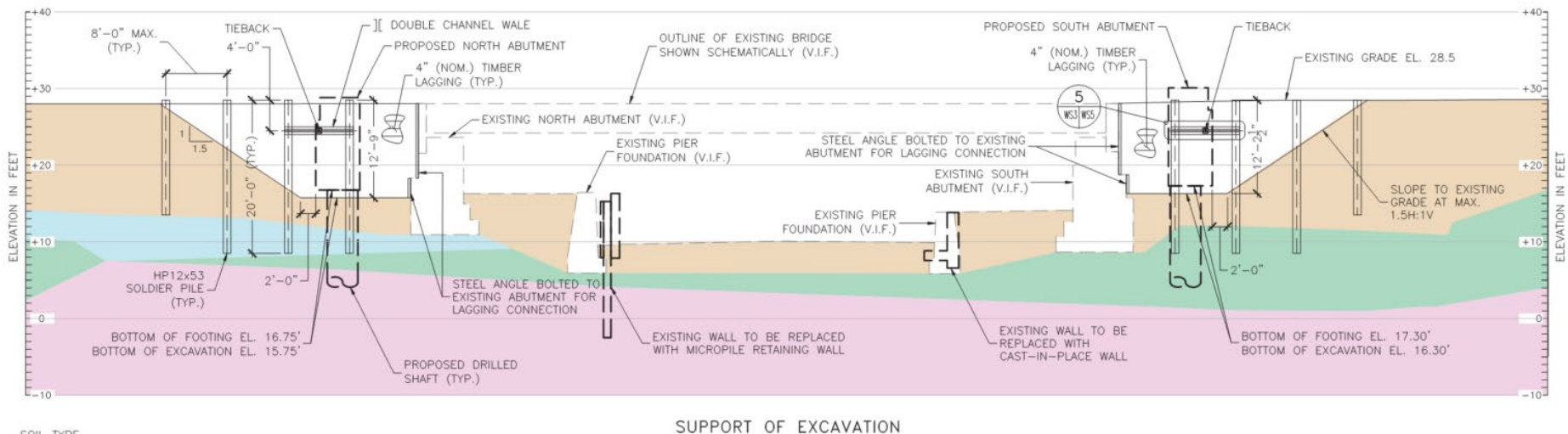
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Washington Street Bridge

Week 1 (4/8/2019 – 4/14/2019)

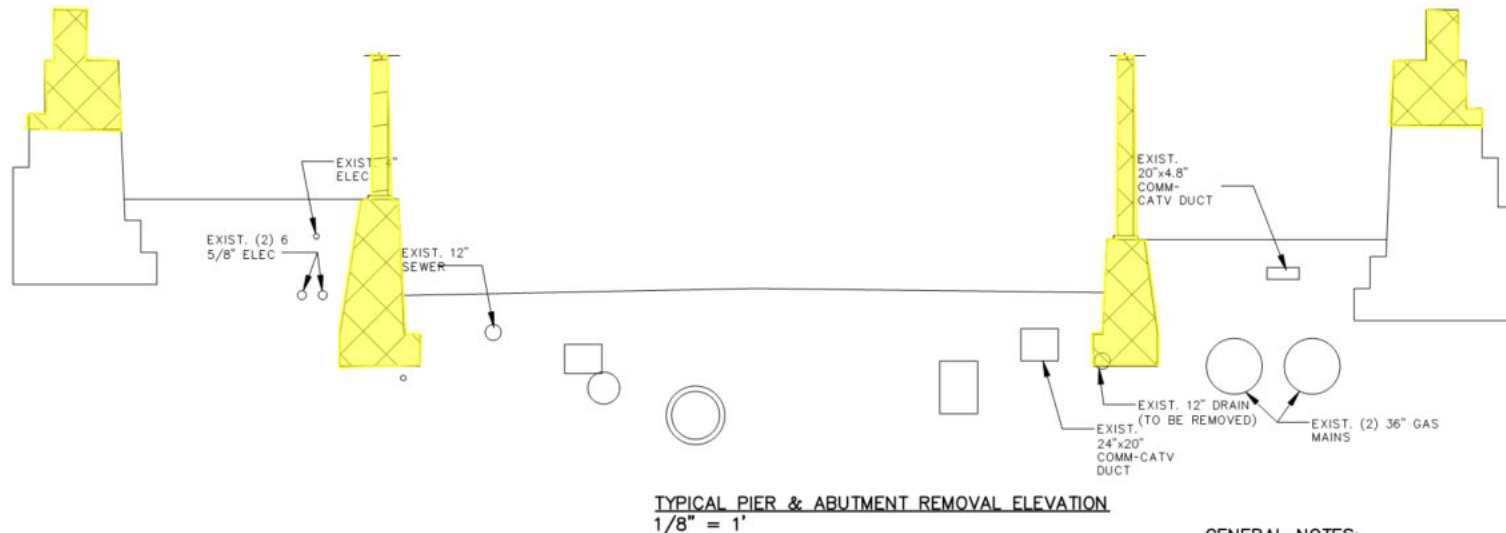
- Completion of Support Of Excavation Installation at Track Level
 - Required in order to support track during demolition/excavation of WSB Substructure and construction of new WSB Substructure. (4 Days)



Washington Street Bridge

Week 2 (4/15/2019 – 4/21/2019)

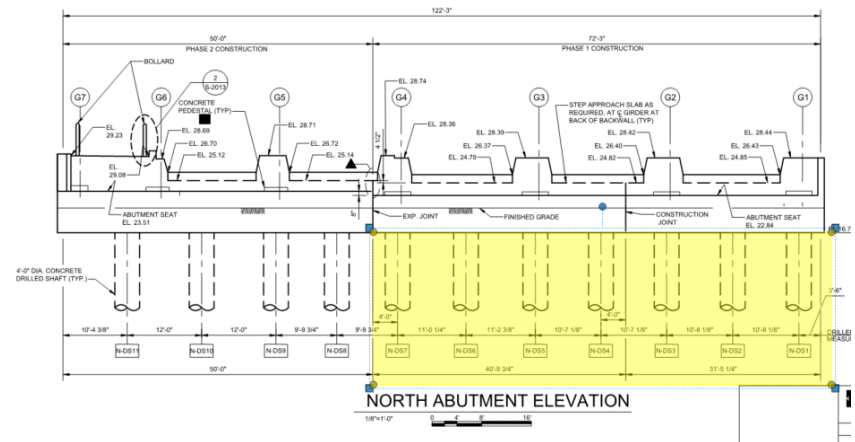
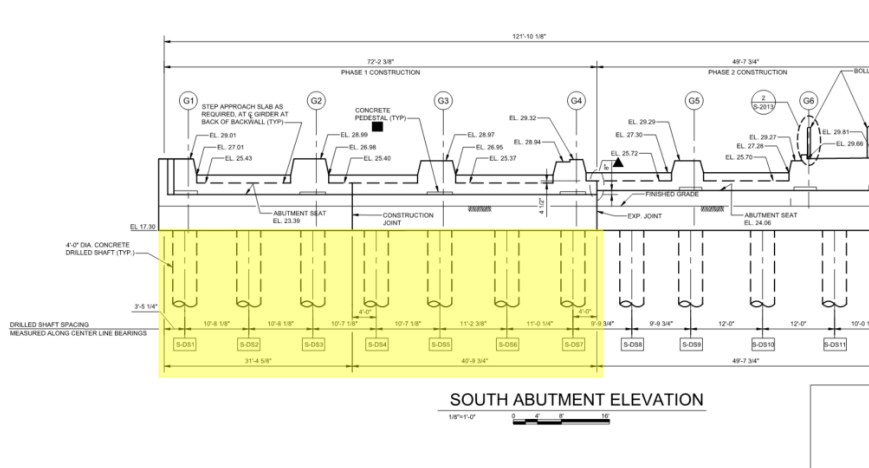
- Partial Demolition of Existing WSB Substructure
 - Required in order to support track during demolition/excavation of WSB Substructure and construction of new WSB Substructure. (3 Days)



Washington Street Bridge

Week 2 (4/15/2019 – 4/21/2019)

- Prep New Drilled Shafts and Grade for New WSB Substructure Installation
 - Chip overpoured concrete to correct elevation
 - Cut temporary casing to correct elevation
 - Prep grade/install fill to bottom of Abutment elevation for Formwork installation
 - 4-5 Days



Project Status

Demolition Update

3rd Avenue

- Demolition of the Walker Bldg. (20 3rd Ave.) and ACPA Bldg. (48 3rd Ave.) **COMPLETE!**



Project Status

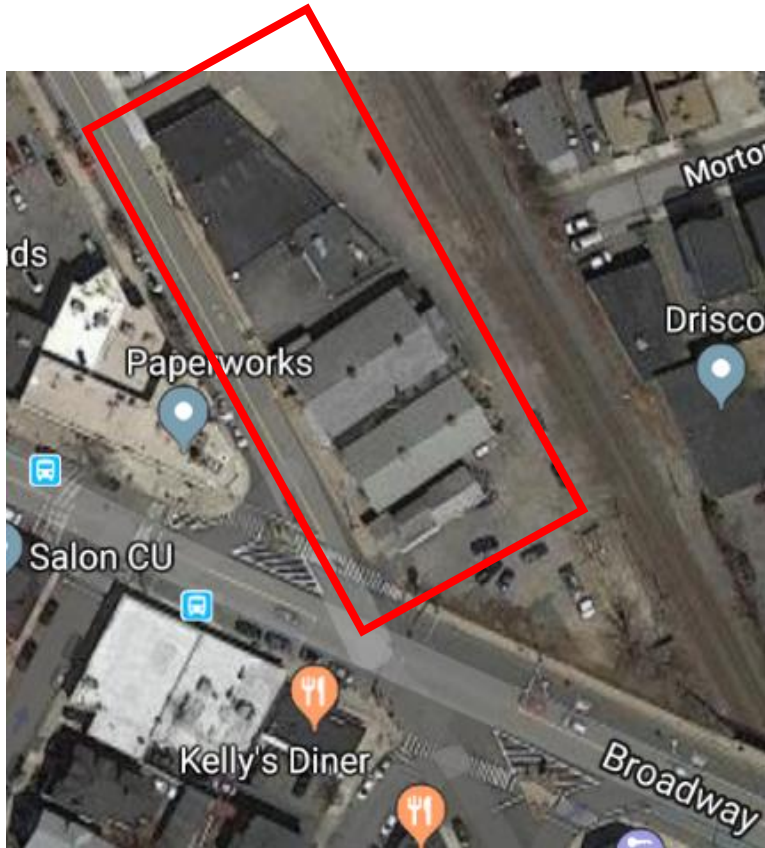
Demolition Update Homans Building

- Full demolition started March 18
- Demolition expected to be complete in mid-April



Project Status

Demolition Update



Ball Square

- Demolition to begin after Homans Building demo (April/May)
- Debris to be segregated & recycled
- Bowling alley signs given to resident in exchange for Boys & Girls Club donation



Project Status

Moles Boston Students Day Tour of GLX Project

Wednesday, April 10

8 a.m. to 2 p.m.

35 Charlestown Field office

- Expecting nearly 200 college students and Moles members
- Schools participating: Wentworth, UMASS Amherst, Worcester, Poly Merrimack, Tufts & Northeastern
- 30+ members of the project team serving as tour guides, construction station leads and support staff



Project Status

GLX Project Community Connection Team

The GLX Community Connections Team
PRESENTS

Project Soup
SPRING
FOOD DRIVE

MOST WANTED
Peanut Butter
Toiletries
Oil
Coffee

HELP END HUNGER IN SOMERVILLE

BUSS'S *Success* *Chex* *Prep* *Barilla*

BRING UNEXPIRED - NONPERISHABLE FOOD ITEMS

FOOD DRIVE **MAR 22** - **APR 18** **FOOD DRIVE**

Drop Off Locations: GLXC Main Office (2nd floor lobby)
GLX Office (3rd floor lobby)
or 35 Charlestown St.

GLX-C Construction Update: Noise Wall Construction

Nic Sobey, GLXC



Project Status

Retaining and Sound Wall Design

West Side

Linear ft. of retaining wall: 14,720 LF
Wall designs complete: Summer 2019
Wall Construction complete: late 2020

East Side

Linear ft. of retaining wall: 3,260 LF
Linear ft. of sound walls: 9,200 LF
Wall designs complete: Winter 2018
Wall Construction complete: late 2019



Noise Wall Construction

Noise Walls
Retaining Walls

ID	Location	Length (ft)	Height (ft)	ID	Location	Length (ft)	Height (ft)
N-1A	Glass Factory	279 ea.	12	N-10	Lowell St to Charles E. Ryan Rd	842	10-18
N-1B		675	13	N-11	Trum Playground	185	16-18
N-2A	Brickbottom (northeast façade)	738	8	N-12	Cedar ST to Wilson Ave	265	14-16
N-2B		656	8-10	N-14A	Broadway to Winchester Court	1235	8-10
N-3A	Brickbottom (south)	636	12	N-14B		305	18
N-3B		564 ea.	12	N-14 Ph.1		395	8-18
N-6	Gilman St	396	8-18	N-15	Burget Ave and Brookings St	915	8-10
N-7	Richdale Ave	915	8-10	N-17	Charlestown St and Merriam St	470	16
N-9A	Vernon St	135	10				
N-9B		331	12				

Noise Wall Construction

- The GLX Noise Mitigation Plan is based on FTA guidelines, contract specifies locations, acoustical and physical design criteria
- Approximately 10 Design Packages for noise walls
- Most noise walls will be steel acoustic barriers



Track-side view; abutter side will be flat steel panel

Noise Wall Construction

Sequencing (Photos from N-6 Construction)

1 *Old Panel Removal (as needed),
Temporary Fence Installation*



2 *Installation of Posts (Drill Rig Needed)*



3 *Panel Installation*

4 *Temporary Fence Removal*



Discussion

Terry McCarthy MBTA

GLXC Team



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