

Green Line Extension Project

Construction Outlook (July 22 – Aug. 17) *Work schedule subject change based on weather or other factors*



= New information since last update

Clearing Along West/South Side of Rail Alignment Accelerated – Work to Start Weekends Beginning Aug. 4

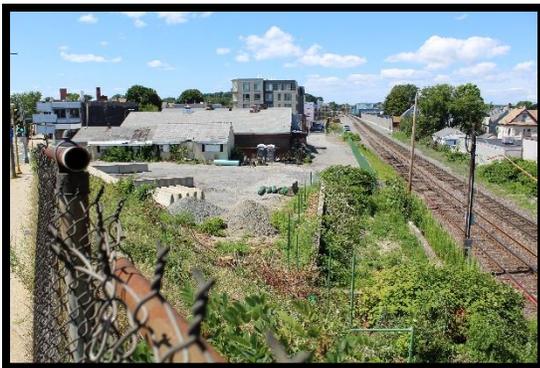
Tree and brush clearing on the west/south side of the MBTA right-of-way, between Washington St. and working north to Broadway in Somerville will begin the weekend of August 4. Work is scheduled to continue over the next four weekends.

This work was originally planned for 2019 but has been advanced to address tree/rail safety concerns.

All work will be performed from inside of the MBTA right-of-way.

Work Hours: Saturdays and Sundays, 6 a.m. – 6 p.m., August 4 through August 26.

Miscellaneous Demolition & Concrete Removal – Future Ball Square Station



TARGET START: Week of July 23



Duration: One week or less.

Areas impacted in next two weeks: Work will commence at the site of the former bowling alley between Broadway and Boston Ave. The concrete pad in the area will be broken up and removed in support of future construction of the Ball Square Station.

Purpose of Work? Supports future construction of infrastructure.

Approach: A hoe-ram will be used to break up the existing concrete and asphalt.

Impacts: This will be noisy work but conducted between 7 a.m. – 4 p.m. during the week to minimize disruptions.

Benefits: This represents the start of work on a new Green Line Station.

Pre-Construction Survey

TARGET START: Work underway

Duration: Surveys of each property take approximately one hour to complete. Work will continue throughout 2018.

Areas impacted in next two weeks: All Phase 1 properties on the east/north side of the ROW between 200 Inner Belt Road in Somerville and Burget Avenue in Medford have been notified at least 3 times and are considered complete. Peer Consultants is continuing preconstruction work between Charlestown Ave in Cambridge and Rufo Road in Somerville. The project will continue to book appointments in that area through October.

Purpose of Work? Capture existing conditions of homes and businesses along the alignment to compare with final conditions should questions arise concerning adverse construction impacts.

Approach: Peer Consultants initially documented conditions from the ROW. In late April/early May Phase I of the survey went into effect and property owners were contacted requesting access to their properties in order to perform the survey work (inside & out). Notifications and survey work will continue throughout 2018. Survey work will continue to progress from the northern part of alignment and progress to the south.

Impacts: Some time commitment by the part of homeowner.

Benefits: Homeowners will receive a report from the survey. This operation will provide documentation of existing conditions to property owners to ensure any project impacts are captured.

Pest Control

TARGET START: Work underway

Duration: Abatement work began in April 2018 and will continue throughout the duration of project. A1 Pest Control is now checking bait stations once a week to monitor pest activity.

Areas impacted in next two weeks: Baiting continues throughout the alignment. No direct impacts, but as construction progresses we will be closely monitoring baiting stations for activity.

Purpose of Work? Reduce chances of pushing rodent issues from right-of-way (ROW) into rail neighbors' properties.

Approach: A rodent habitat inspection on the ROW was completed and the Green Line Extension Constructors Pest Management Plan has been adjusted based on the findings. Nearly 500 hundred baiting stations have been placed along the ROW with baiting in hundreds of burrows.

Impacts: Our goal is to reduce the number of rodents, their habitats and conditions that support the rodent population. Subcontractor will closely monitor this work to minimize off-property impacts.



Benefits: Construction team is working with the cities of Somerville, Medford, and Cambridge to maximize the effectiveness of their efforts with ours.

Soil Boring & Utility Investigation

TARGET START: Work underway

Duration: Soil boring work and utility investigation work continues.

Areas impacted in next two weeks: Work continues throughout the alignment but locations vary.

Purpose of Work? Determine soil and rock quality to support design efforts. Confirm drawings and utility locations match to avoid possible utility strikes and disruption of service during construction.

Approach: Multiple crews with boring and other earth moving equipment are methodically moving operations throughout the entire GLX construction corridor.

Impacts: Minimal.

Benefits: Soil characterization plays an important part in design.



Pre-Construction Sound Monitoring

TARGET START: Work underway.

Purpose of Work? Record baseline noise levels on and off the ROW prior to construction start.

Approach: Install sound monitors to track decibel levels throughout day and night, and measure existing vibration from commuter and Amtrak trains in the corridor.

Duration: May – July 2018.

Impacts: Monitoring creates minimal to no impact, however, construction noise will have an impact as the project matures.

Benefits: Allows the project to assess noise and vibration impact from the future operation of GLX and design appropriate mitigation measures.

Areas impacted in next two weeks: n/a

Abandoned Track Removal

TARGET START: May 2018

COMPLETE!

Purpose of Work? Remove more than a mile of abandoned rail line to make room for relocated commuter line track.

Approach: Use heavy equipment to pull up the rails and ties and truck the materials off the right of way. The rail iron will be recycled.

Duration: 5 weeks

Impacts: Noise from heavy equipment operations.

Benefits: Another step forward in clearing the footprint for the future Green Line.

Areas impacted in next two weeks: n/a



Alignment Cleanup

TARGET START: Work underway

Purpose of Work? To remove brush, overgrowth and debris that has accumulated on the alignment over the years.



Approach: Heavy equipment like backhoes will be used to rake the hillsides and flat surfaces. Scraped off debris is then loaded into roll-off containers and hauled off site.

Duration: May – August 2018

Impacts: 500+ tons of brush and debris removed to date.



Benefits: The area will look dramatically better with trash removed. This work also supports the effectiveness of our pest management program.

Areas impacted in next two weeks: Minimal impacts with the exception of noise as work continues progressing north of School Street.

Looking Further Ahead

Demolition of Homan Building (near Medford & Pearl St.)

TARGET START: Late Summer/Early Fall 2018

Purpose of Work? Make Way for contractor material laydown area and site access.

Approach: Standard demolition approach.

Duration: 3 – 4 weeks.

Impacts: Temporary lane closures possible.

Benefits: The site will provide an off-road construction staging and lay-down area for GLX and the future construction of a traction power substation. Post construction, the site will provide the City of Somerville with significant development opportunities.



Areas impacted in next two weeks: GLX Constructors (GLXC) is in the final steps to award the demolition subcontract. While demolition prep work is underway, full demolition will not begin until late summer/early fall. This work along with other activity is being coordinated with the City of Somerville.

Broadway Bridge Closure

TARGET START: November 2018

Duration: 12 months.



Areas impacted in next two weeks: n/a

Purpose of Work? A new, redesigned Broadway Bridge is needed to accommodate the additional light-rail lines that will pass underneath the bridge.

Approach: The design and construction of the existing bridge does not allow it to be taken down in stages and thus maintain vehicular and pedestrian traffic. A full closure will be needed and all demolition and construction will need to be synchronized with commuter rail operations.

Impacts: **Significant.** Traffic congestion issues for motorists and pedestrians in the area and extensive night work will be required to take advantage of narrow time windows when commuter trains are not operating. While the project will seek to minimize construction impacts, noise and work lights emanating from the site are to be expected.

Benefits: The work will advance this important phase of the project forward in an efficient manner.

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