



Project Mitigation Update

Route 1 Viaduct Rehabilitation Project
Chelsea | Project File No. 605287

Chelsea City Council Briefing
500 Broadway
March 1, 2018 | 6:00 p.m.

Public Meetings Held To Date

- **Public Information Meeting- 11/8/17**
- **Project Open House – 12/5/17**
- **Chelsea Collaborative – 12/7/17**
- **GreenRoots Chelsea – 12/14/17**
- **GreenRoots Chelsea Follow-up – 1/18/18**
- **All-Spanish Public Information Meeting – 1/22/18**
- **Pop-ups – November, December, and ongoing**
- **Door-to-door abutter project notification – 1/16/18-1/21/18**
- **Chelsea Chamber of Commerce – 2/14/18**

Meeting With City Manager

- **Initial Meeting**
 - 7/27/17
- **Follow-up Meetings at City Hall**
 - 10/20/17
 - 11/27/17
 - 12/12/17
 - 1/12/18 (pre-25% DPH)
 - 1/26/18 (post-25% DPH)
- **Multiple conference calls held to date**

Upcoming Meetings

- **Local Business Meeting**
 - 3/19/18
- **MBTA/MassDOT Meetings to discuss Bus operation impacts and mitigation**
 - 3/1/18 – Introduction and plan moving forward to discuss MassDOT project impacts and bus mitigation
 - Mid-March 2018 – Tobin Bridge Public Information Meeting
 - Spring 2018 – North Washington Street Public Information Meeting
- **Chelsea Viaduct Public Information Meeting to discuss project changes due to public comment received to date.**
 - Mid to late March 2018

Concerns Raised

MassDOT has received written and verbal comments from community organizations, Chelsea residents, Business owners, and Elected officials throughout the public participation process including:

- Permanent closure of Ramp A**
- Coordination among transportation and other construction projects**
- MBTA Bus Route 111 service**
- Homeless population living under Viaduct**
- Impact to recreational facilities through construction**
- Construction traffic on local roads**
- Abutter impacts due to snow operations**

Concerns Raised Cont.

- Lead/dust management**
- Accelerated construction and Contractor incentives/disincentives to stay on schedule**
- Employment of local labor**
- Use of space under the Viaduct**
- Construction hotline**
- Installation of sound barriers**
- Improved lighting**
- Drainage improvements**
- Noise**

Major Concerns Addressed since the Public Information Meeting

- **Ramp A to be rebuilt and remain open in the end condition**
- **Installation of a solid snow barrier**
- **Funding of \$800,000 for Route 1 corridor enhancement program to be implement by the City of Chelsea**
- **Carter Street lot to be turned over to City for their use**
- **Continued MBTA/MassDOT coordination to address Bus Route 111 service issues and other project concerns**

MBTA Bus 111 Coordination

- **Introduction to Jessica Casey, MBTA Deputy Chief Operating Officer**
- **Projects impacting Bus Operations (Bus 111 and others)**
 - Chelsea Viaduct Rehabilitation
 - Tobin Bridge Deck Rehabilitation
 - North Washington Street Replacement
- **Discussion of MBTA and MassDOT commitments moving forward**

MBTA Route 111

Background & Context

- Primary link between Chelsea, Boston
- 3rd largest MBTA bus route
- Serves 11,800 passengers per weekday—that's as large as Alewife Red Line Station, the 14th busiest subway station
- Route meets standards for span, frequency, and cost efficiency, but needs improvement on reliability and comfort standards; these will be evaluated through upcoming Better Bus Project



Project Impacts to Bus Operations

<u>Project</u>	<u>Anticipated MBTA transit Impacts</u>
<u>Chelsea Viaduct Rehabilitation</u>	
• Substructure Work <ul style="list-style-type: none"> – 11/2018 thru 3/2020 	No service impacts; barriers/fencing near CR, bus 112/114
• Superstructure Work <ul style="list-style-type: none"> – 4/2020 thru 11/2020 	Minor Impacts to due to traffic diversions, night work
• Ramp A Temporary Closure <ul style="list-style-type: none"> – 4/2020 thru 11/2020 	No Impacts – Bus 111 permanently diverted to Everett Avenue Ramp
<u>Tobin Bridge Deck Rehabilitation</u>	
• NB Lane Reduction	No Impacts
• Beacon Street Ramp Closure <ul style="list-style-type: none"> – 4-6 weeks (May – August 2018) 	Minor Impacts – detour to 4 th Street Off-ramp
• Everett Avenue Ramp Closure <ul style="list-style-type: none"> – 4 weeks (August – Sept 2018) 	No Impacts – Remain on Ramp A on-ramp as existing
• 4 th Street Ramp Closure <ul style="list-style-type: none"> – 4-6 weeks (August – Oct 2018) 	Minor Impacts – resume use of Beacon Street Off-ramp
<u>North Washington Street Bridge Replacement</u>	
• 2 lanes inbound/ 1 lane outbound <ul style="list-style-type: none"> – Jan 2019– Dec 2024 	Bus 111 minor impacts: Expected delays
• 1 lane inbound/ 1 lane outbound <ul style="list-style-type: none"> – Jul 2019– Aug 2019 	Bus 111 moderate impacts: Expected delays

Next Steps

- **MBTA will continue to meet with MassDOT, City Council members and the community, throughout the duration of construction, to identify, implement and monitor a plan.**
- **The plan will focus on diverting customers to other routes and modes of transportation.**
- **As with other plans, as the MBTA monitors and collaborates with partners, changes can be made during the construction period.**
- **Communication of the plan will be posted on buses, at bus stops and within the network to notify customers in advance of potential impacts.**

Project Benefits

Project

Chelsea Viaduct Rehabilitation

- Project will result in a reliable structure with a 75 year design life, new lighting, drainage, snow fence and parking lot improvements.

Tobin Bridge Deck Rehabilitation

- Project will result in a reliable deck surface resulting in reduced maintenance costs and improved riding surface.

North Washington Street Replacement

- Project will result in a new bridge with a 75 year design life, architectural treatments, new lighting, and dedicated pedestrian and bicycle accommodations.
- Project will result in a dedicated bus lane that will provide improved service to Bus 92, 93, 111, 426 and 428.



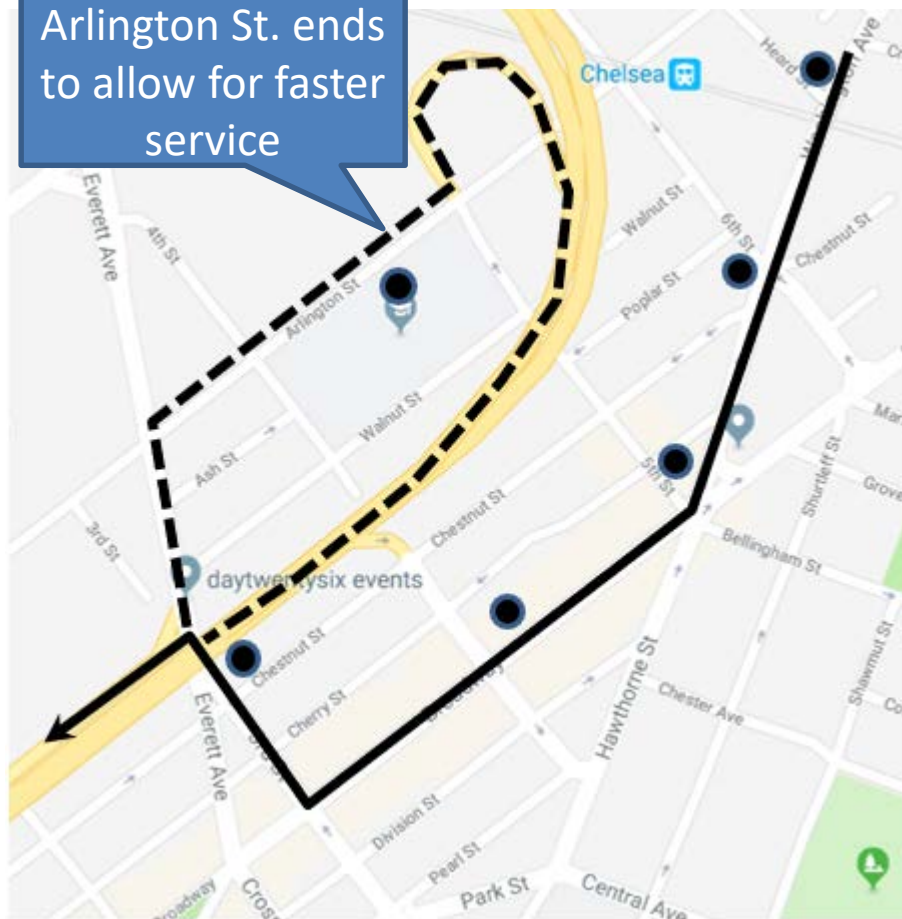
Thank You

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Route 111 change: Permanent change upon completion of Everett Ave ramp

“Jog” to serve Arlington St. ends to allow for faster service



- To reduce travel time for most Route 111 users and help improve reliability, a shorter more direct inbound route will use Everett Ave. ramp rather than Arlington St.
 - Saves 3 mins of travel time for 4,883 inbound passengers approaching Everett St. ramp
 - Saves 222 passenger-hours of travel time per weekday
- Eliminates one inbound bus stop on Arlington St. @ 5th St.
 - Impacts 378 passengers at this stop (352 ons & 26 offs)
 - Passengers are 600' from SL3's Bellingham Station/Chelsea CR and 970' from inbound Route 111 stops in Bellingham Square
 - Change would increase walking time for these riders by 3-4 minutes
- This change does not trigger current (or former) definitions of “major changes” and can be made outside of Service Plan.
- This is not related to Ramp A reconstruction.