



# ***B Branch Station Consolidation Project***

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## ***Virtual Public Meeting***

January 28, 2021

## Virtual Meeting | Overview



Raise Hand



Q&A

- Use the “**Q&A**” button to submit a typed question or comment
- Press the “**Raise Hand**” button to share your question or comment verbally. Wait for the moderator to recognize and unmute you before speaking.
- If you have joined by phone only, you may “raise your hand” by pressing the star button and then nine (\*9)

*After you speak, we will lower your hand and you will be muted to allow the team to respond and provide opportunities for others to participate*

**Comments may also be sent to [GLT@mbta.com](mailto:GLT@mbta.com)**



# SAFETY MOMENT

**Wear a face  
covering and  
maintain social  
distancing!**

*Ride Safer*





# Welcome | Agenda

- **Green Line Transformation**
- **B Branch Station Consolidation**
  - Project Scope
  - Construction Sequence
  - Traffic Management Plan
  - Making Connections During Construction
- **Stay Connected**

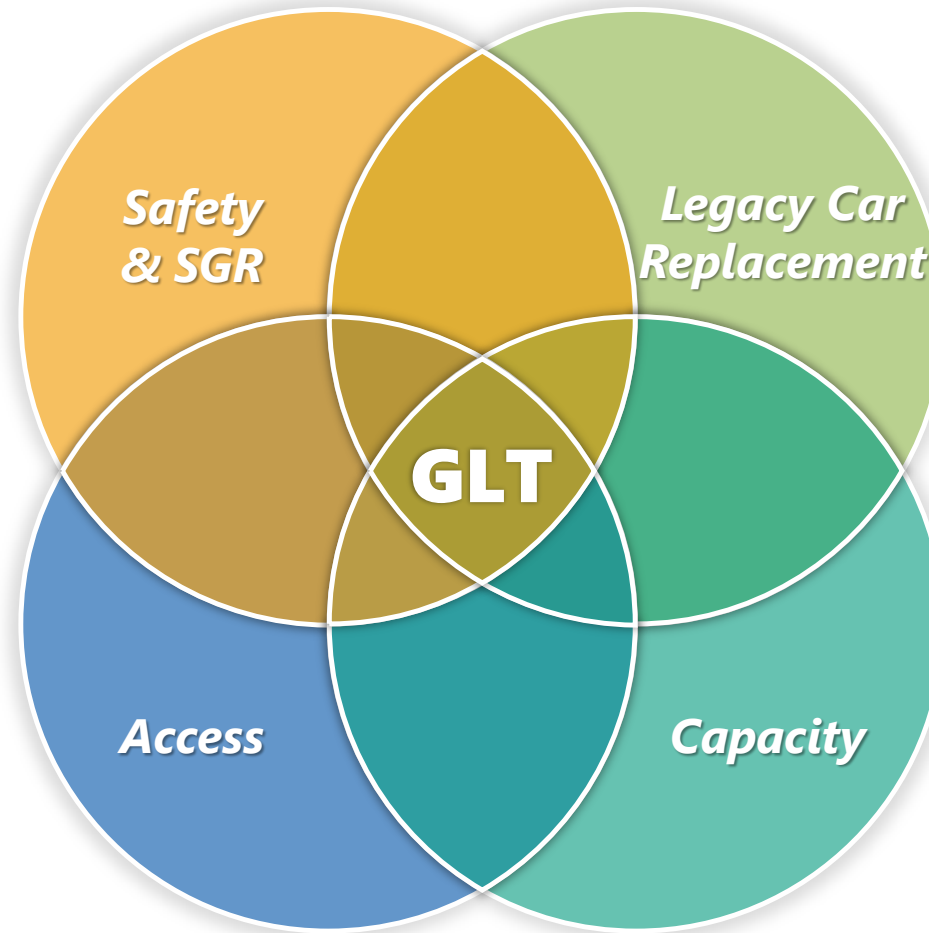


# Levels of Transformation

## *Achieving Multiple Goals*

Level 0	Safety & State of Good Repair (SGR)
<i>Transformative Outcomes</i>	
<ul style="list-style-type: none"> <li>Minimize risk of service disruptions</li> <li>Reduce speed restrictions</li> <li>Bring assets to state of good repair</li> </ul>	

Level 1	Accessible Stations
<i>Transformative Outcomes</i>	
<ul style="list-style-type: none"> <li>New or upgraded platforms</li> <li>Compliant height, width &amp; slope</li> <li>Barrier-free pathways &amp; wayfinding</li> <li>Detectable warning panels</li> </ul>	



Level 2	Legacy Car Replacement
<i>Transformative Outcomes</i>	
<p>Operate and maintain single Type 10s</p> <ul style="list-style-type: none"> <li>More <b>efficient</b> O&amp;M</li> <li>100% of Green Line trains <b>accessible</b></li> <li>More <b>equitable</b> across the Green Line</li> </ul>	

Level 3	Increased Capacity
<i>Transformative Outcomes</i>	
<p>Additional vehicles and infrastructure for two-car Type 10 operation</p> <ul style="list-style-type: none"> <li>Increase core capacity of subway</li> <li>Reduce headways and journey time</li> <li>Expand yards and facilities</li> </ul>	

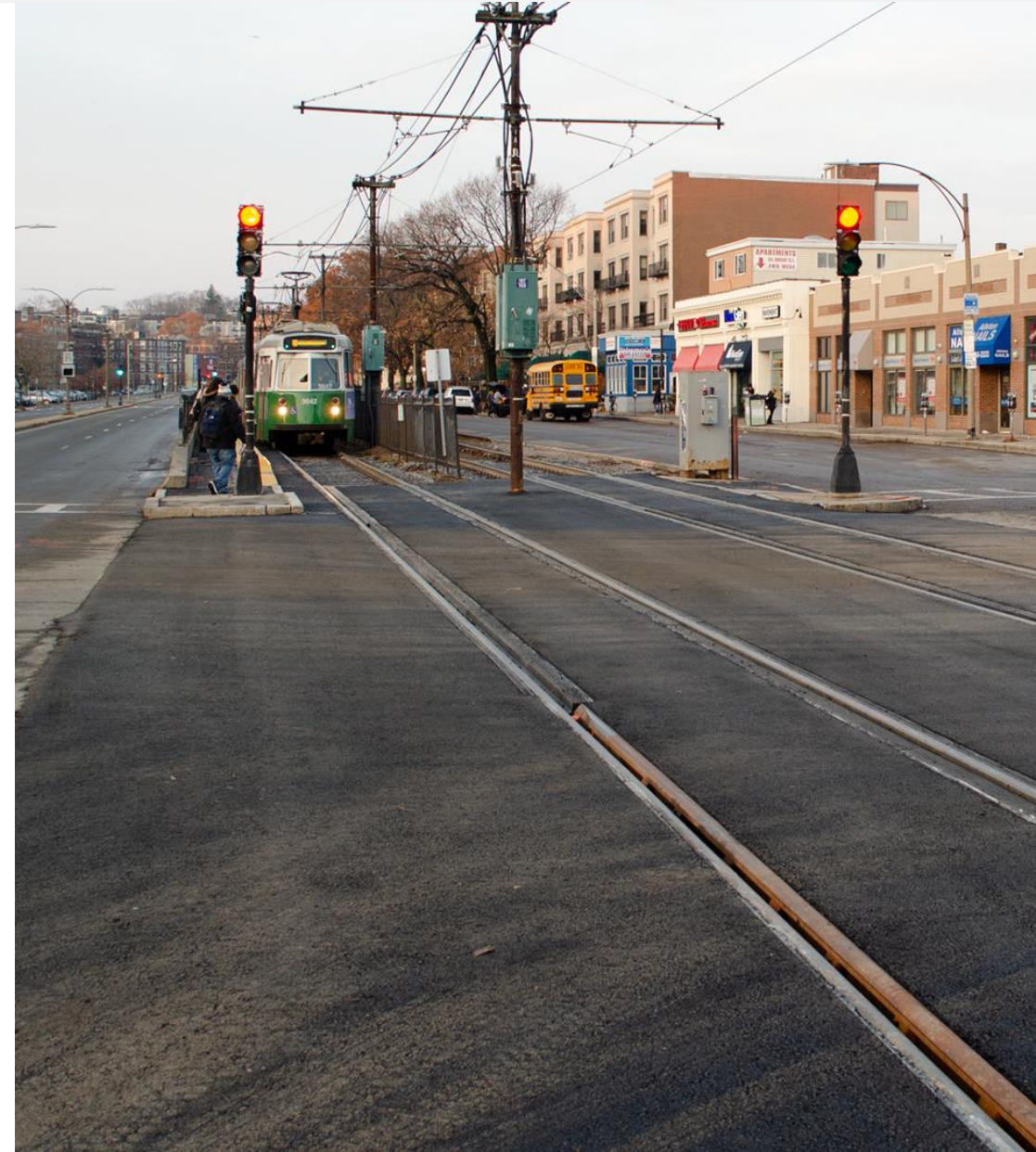


# Green Line Transformation | *What We Accomplished*

Improve the Green Line *quality of service* for all riders

Executed significant **Safety & State of Good Repair** (Level 0) improvements during construction in **2019 & 2020**:

- ✓ Replaced approximately **57,000 feet of track** Systemwide
- ✓ Upgraded **45 Intersections/Crossings** on the B, C and E Branches
- ✓ Replaced **10 units of special trackwork** on the D and C Branches
- ✓ Installation of **flood protection doors** and gates at Fenway portal on the D Branch



## ***B Branch Station Consolidation***

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### ***Project Scope***





## Scope | *What is station consolidation?*

*Replace four current stations with two new stations to improve service and increase access*



Consolidate four (4) existing Green Line stations on the B Branch along Commonwealth Avenue adjacent to Boston University, into two (2), **fully accessible, brand new stations**

- The four (4) existing stations to be **consolidated** are:
  - **Babcock Street** with **Pleasant Street** ("A" Station)
  - **St Paul Street** with **BU West** ("B" Station)
  - *Station names to be announced*

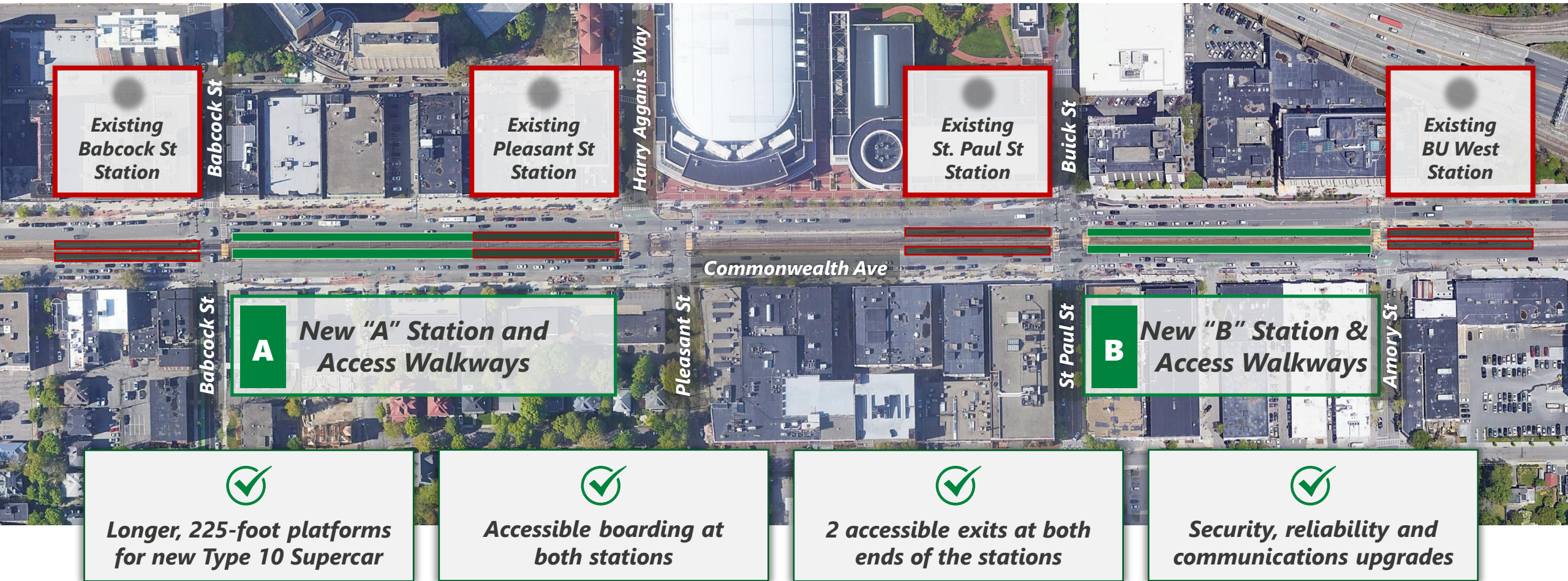
### **The two (2) new stations will have:**

- ✓ Equal passenger capacity as the four (4) existing stations
- ✓ Longer platforms of 225 feet (to accommodate new Type 10 Supercar)
- ✓ 150 feet of canopies at each platform
- ✓ Accessible walkways
- ✓ Upgraded communications and safety/security systems
- ✓ New lighting, signage, benches and other station elements



# B Branch Station Consolidation | Project Map

*Babcock Street Station will be consolidated with Pleasant Street Station, and St Paul Street Station will be consolidated with BU West Station*





## Benefits | *How will rider experience be improved?*



### *Access and Safety*

Raised **accessible stations** with two entrances at each platform



### *The Trip*

Faster, **more reliable** transit service along Commonwealth Avenue



### *The Experience*

Rider **amenities** and improved **communications**



### *The Impact*

Improved traffic and pedestrian **safety** in the Boston University neighborhood







## ***B Branch Station Consolidation***

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## ***Construction Sequence***





## Construction | *What can you expect?*

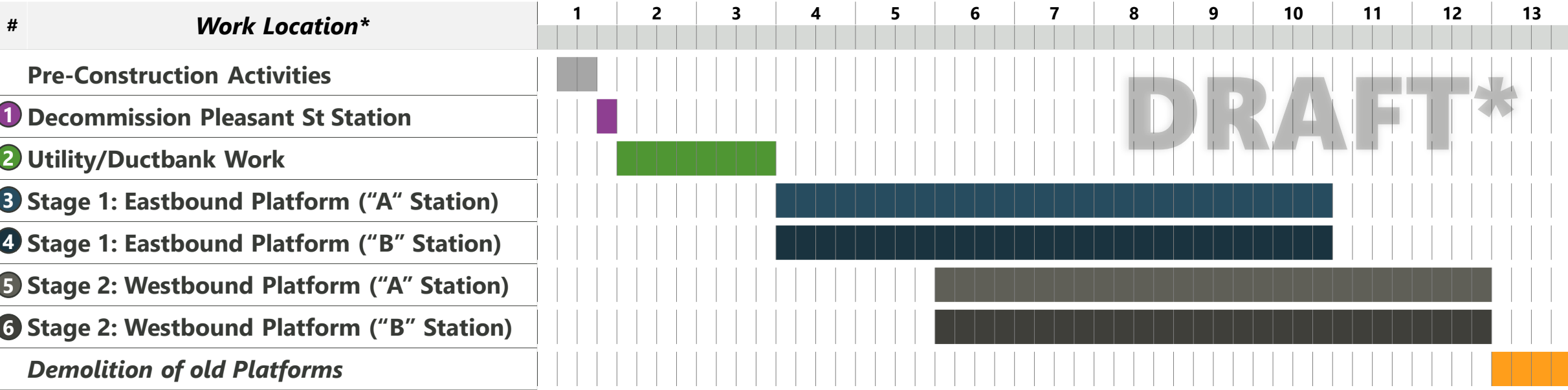
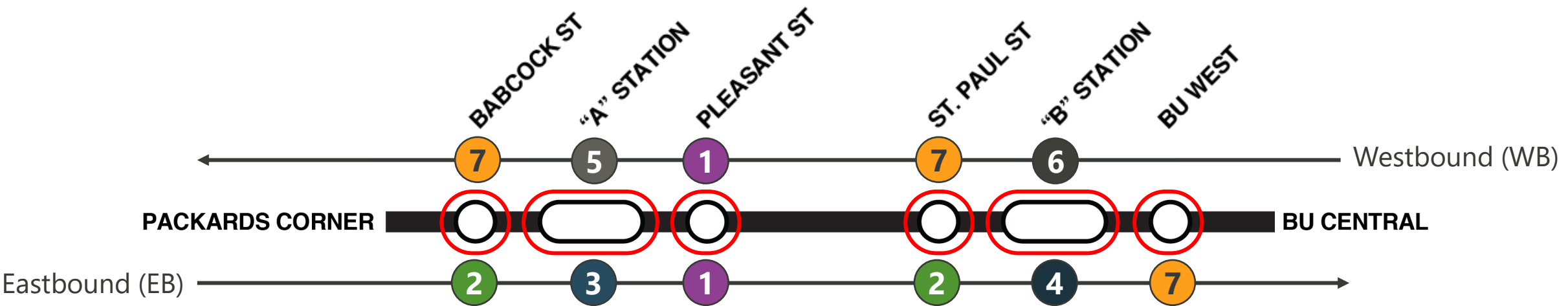
Service will continue at three of the four stations

- **Work begins on Monday February 15<sup>th</sup>**
- Work overnight on weekdays and throughout the weekend
- GLT will look for opportunities to accelerate the project
- Pleasant St. station will permanently close at end of service on February 26, 2021
- **Babcock, St. Paul** and **BU West** stations will remain operational on weekdays during construction





# Construction Summary | Sequence of Work



\*The schedule for this infrastructure project is weather dependent and subject to change without notice

# Pleasant Street Station | Closure

1

## Pleasant Street Station will be **permanently closed**

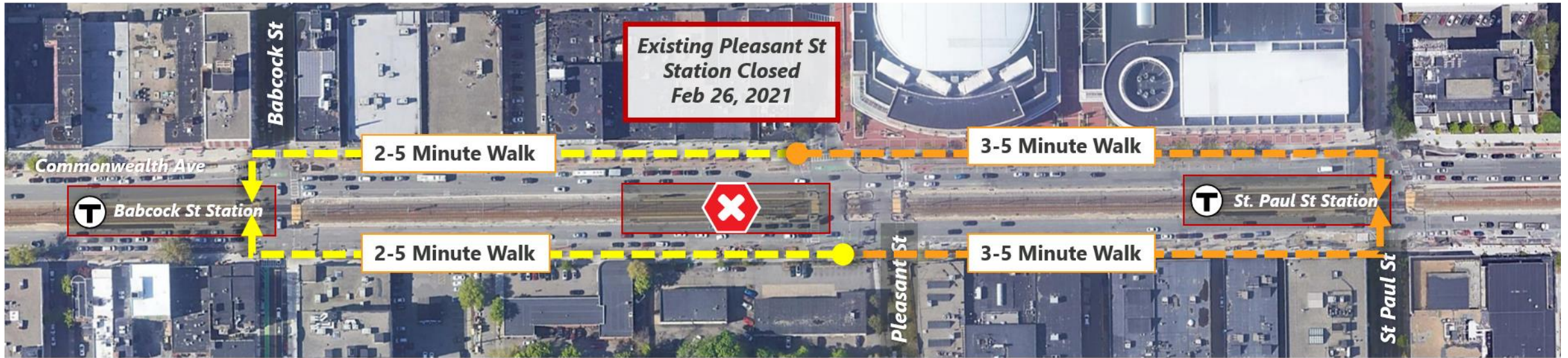
Pleasant Street Station will be permanently **closed to riders** at the end of service on Friday, February 26, 2021

- The station will be demolished Feb 27 & Feb 28
- New accessible station (currently referred to as "**A**" **Station**) will be built between Pleasant Street and Babcock Street by Fall 2021



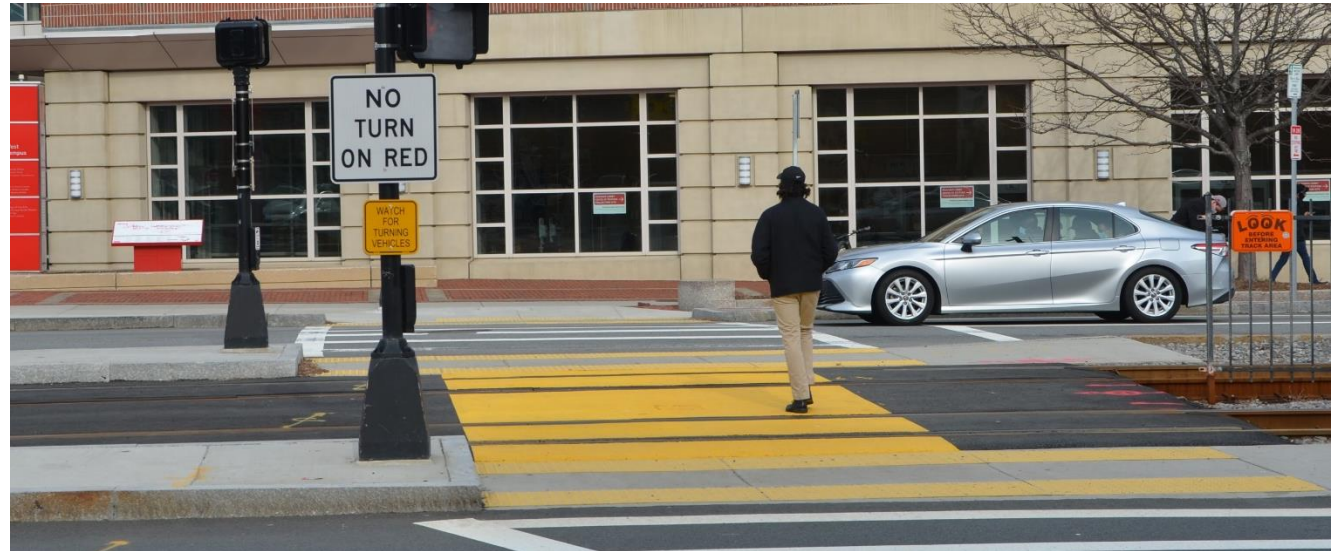


# Pleasant Street Station | *Distance to open stations*



Riders will be **directed** to either **St. Paul St** or **Babcock St** instead of **Pleasant St**

- The distance from **Pleasant St.** to **Babcock** station is (.2 mile) **2 to 5 minutes walking**
- The distance from **Pleasant St.** to **St Paul** station is (.3 mile) **3 to 5 minutes walking**





## Babcock and St Paul Stations | *Early Construction Impacts*

2

***Weekend work*** to construct **new utility cabinets** and **patch existing platform surfaces**



**Babcock St Station**  
**Closed weekend of March 6 & 7**

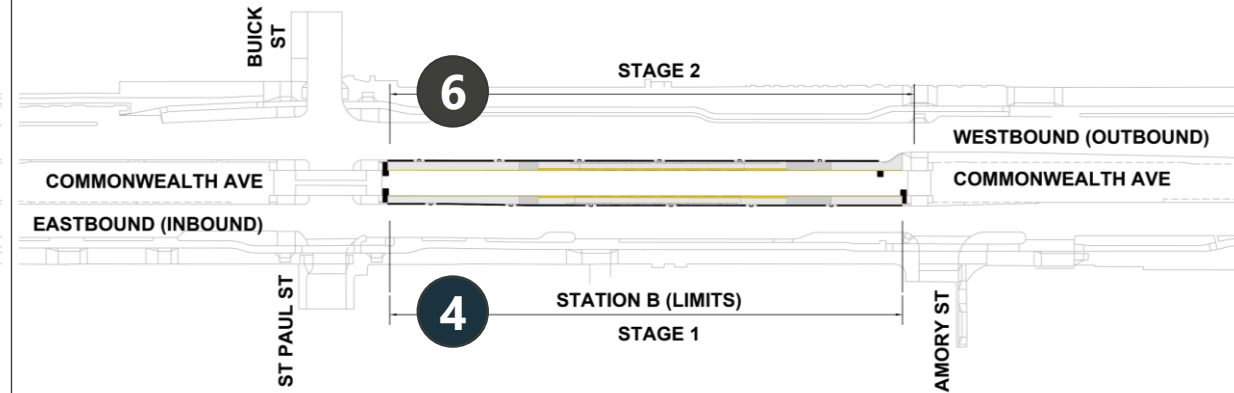
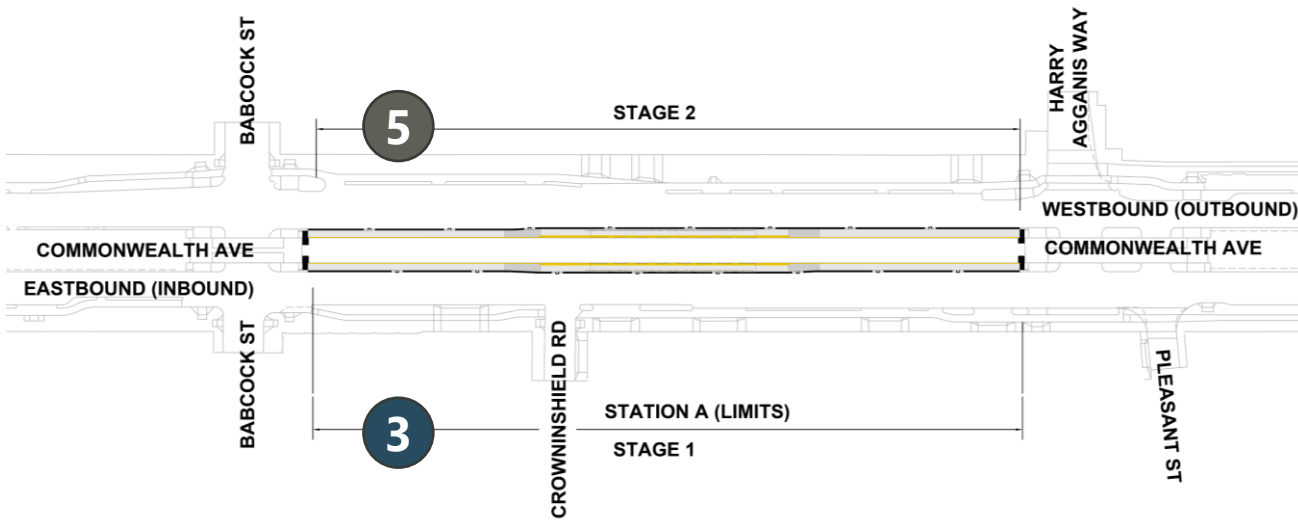


**St. Paul St Station**  
**Closed weekend of March 13 & 14**

***The platforms will be restored and remain open for the rest of construction***



# Planned Sequence of Construction | Stage 1 & 2



- a) Installation of **foundations for canopy** at platforms and foundations along walkways for lighting and communications
- b) Installation of **platform foundation** system
- c) Installation of **underground utilities** along length of passenger walkways and platform areas
- d) Construction of the **passenger walkways** and **platforms**
- e) Installation of the **walkway** and **platform elements** including tactile warning strip, canopies, lighting and communications equipment along completed portions of the walkways and platforms
- f) Installation of the remaining platform elements including **signage**



## ***B Branch Station Consolidation***

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# **Traffic Management Plan**





# Traffic Management Plan | *Temporary Road Closure Detour ("A" Station)*



## Temporary Road Closure & Detour:

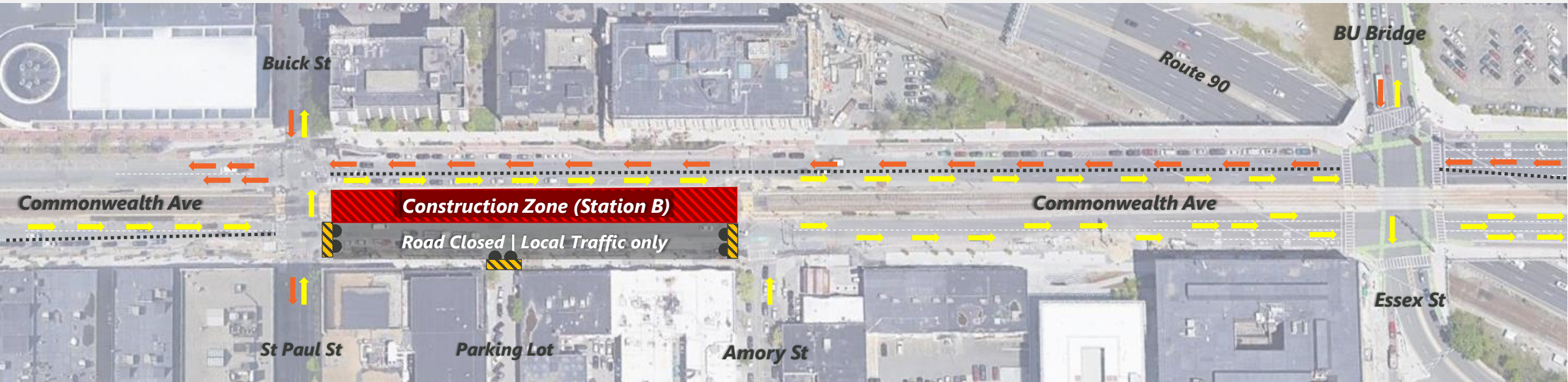
- To avoid bus impact the **Detour will be set up after Revenue Service (1AM and 5AM)**
- Allows crews to move large equipment within the work zone

- Crowninshield Road between Adams Street and Commonwealth Avenue to be closed, except to local traffic. Local traffic shall be allowed to exit through work zone
- Access through closure shall be maintained for buses, emergency vehicles, and public transportation
- Access to driveways, parking lots, and pedestrian connections shall be maintained

Police details on site to monitor intersections



# Traffic Management Plan | *Temporary Road Closure Detour ("B" Station)*



## Temporary Road Closure & Detour:

- To avoid busing impact the **detour will be set up after Revenue Service (1AM and 5AM)**
- Allows crews to move large equipment within the work zone

- Inbound traffic at St Paul St will be redirected to the westbound lane shared to BU Bridge
- Access through closure shall be maintained for buses, emergency vehicles, and public transportation
- Access to driveways, parking lots, and pedestrian connections shall be maintained

Police details on site to monitor intersections



# Traffic Management Plan | *Single Lane Closure ("A" Station)*



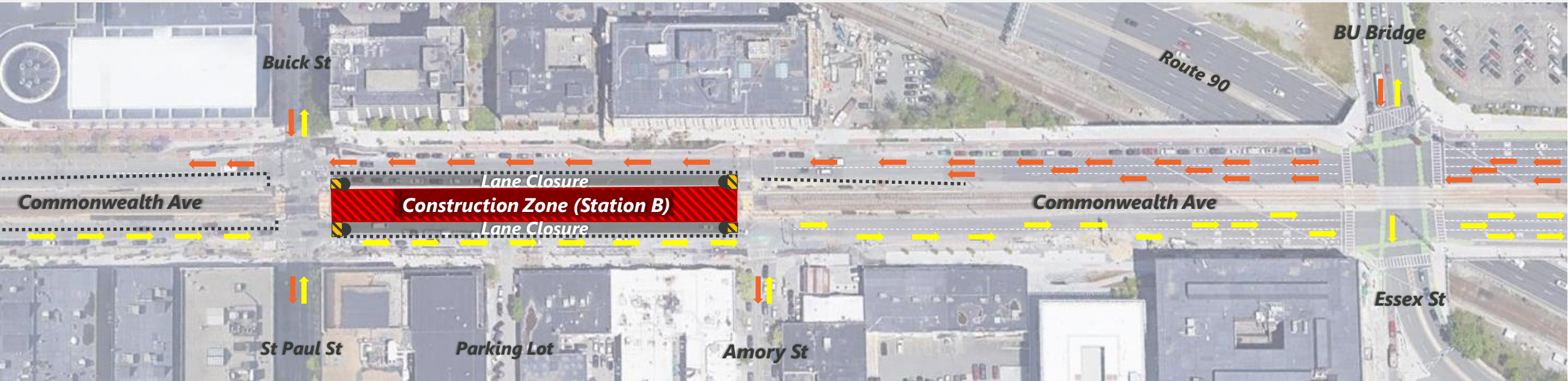
## Single Lane Closure

- Lanes taken in each direction between **9PM and 5AM during weekend and weeknights**

- During weeknights and weekends these lanes will be taken by the contractor
- The single lane closures (no detour required) will not impact bus service or bus stops or pedestrian access

Police details on site to monitor intersections

# Traffic Management Plan | *Single Lane Closure ("B" Station)*



## Single Lane Closure

- Lanes taken in each direction between **9PM and 5AM during weekend and weeknights**

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## ***B Branch Station Consolidation***

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**Making  
Connections  
During  
Construction**





## B Branch | What Riders Can Expect When Using Alternative Service



1

### Wayfinding

#### *Know Where to Go*

- ✓ Signage will be set-up before and monitored during construction at stations and surrounding areas
- ✓ Project updates on construction progress and alternative service schedules available on MBTA.com
- ✓ Advanced warning signs will be posted for drivers



2

### Service Impacts

#### *Shuttles/Route 57 Bus*

- ✓ During detours when Green Line Stations will be closed, riders will be redirected to the adjacent Route 57 bus stops
- ✓ Pedestrian path of travel across work zones will be marked

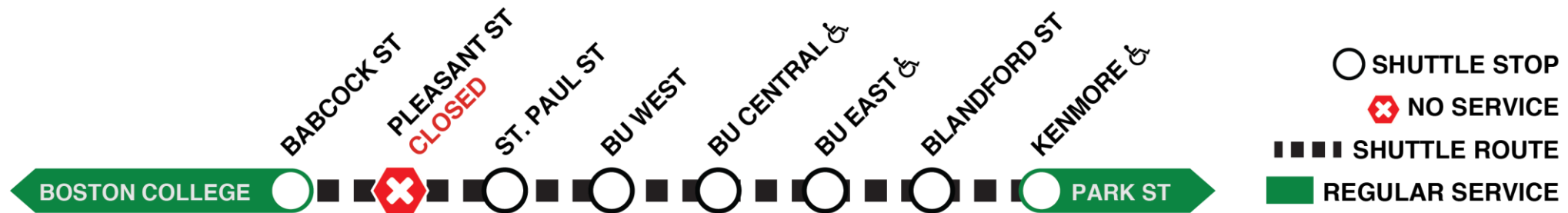


# Alternative Service | Green Line Train Diversion

**Green Line Service** will not run **from Babcock to Kenmore**

## Green Line Service

- Inbound trains will stop at **Babcock Station** to transfer riders to the Shuttles during diversions
- Trains resume service at **Kenmore Station** and continue inbound



# Alternative Service | Shuttles/Route 57 Buses

## Shuttle/Route 57 Pickup

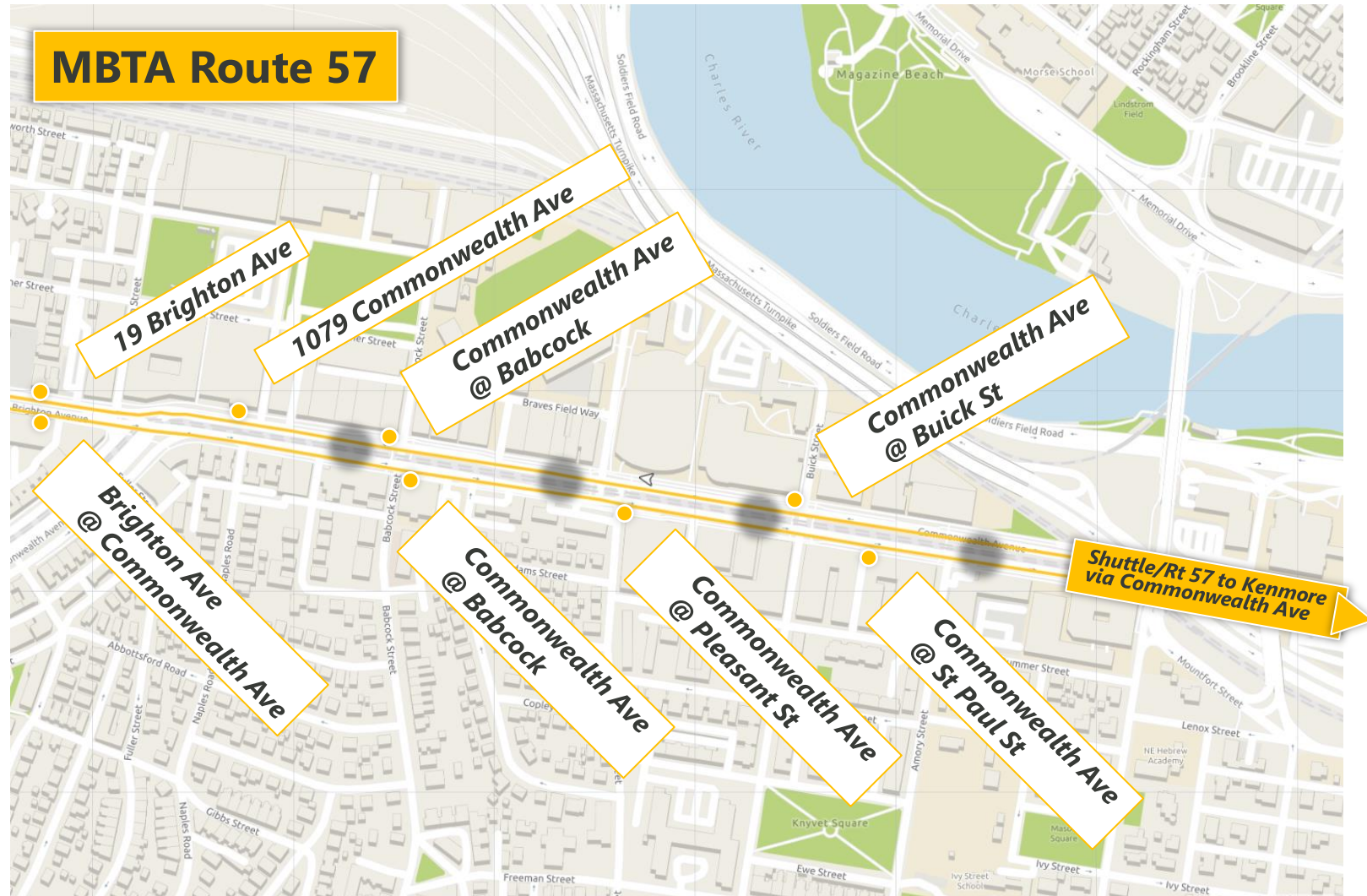
- Located at the existing bus stops for Bus **Route 57**
- Schedule will meet or exceed frequency of current B Branch schedule

## Accessibility

- All drivers are trained to assist riders and to operate lifts

## Riders Health & Safety

- For the health and safety of our riders, service will be monitored throughout and adjusted to reduce crowding





# Stay Connected



## Ask Questions and Be Informed

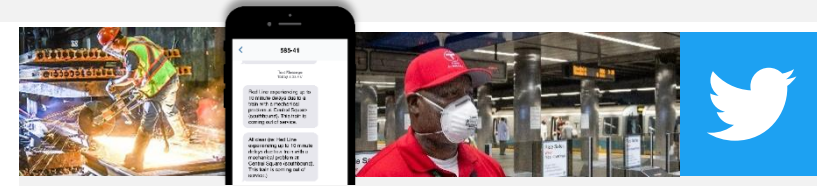
- ✓ Contact [GLT@mbta.com](mailto:GLT@mbta.com)
- ✓ 24/7 noise hotline will be activated at the start of construction
- ✓ Follow on social media
- ✓ **Subscribe to alerts**  
[mbta.com/alerts](https://mbta.com/alerts)
- ✓ Check website for up-to-date information
- ✓ Ask a Customer Service Agent



## Alternate Routes and Transit Options

- ✓ Regular service replaced by **Route 57/shuttle buses**
- ✓ **Accessible pedestrian pathways well-marked** during closure
- ✓ **Plan ahead:**  
[mbta.com/glbstations](https://mbta.com/glbstations)

Contact us at: [GLT@mbta.com](mailto:GLT@mbta.com)  
[www.mbta.com/GLT](https://www.mbta.com/GLT)



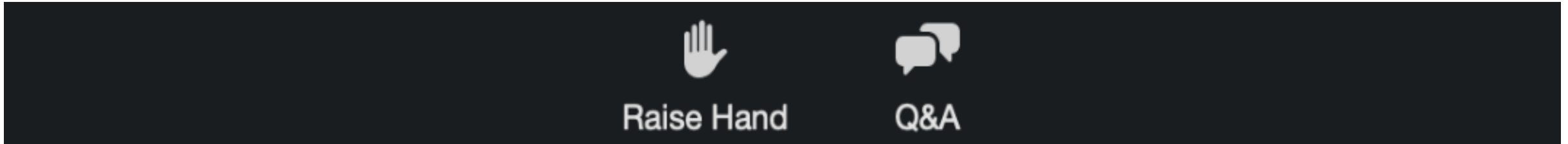
## Online & Social Media

Service Alerts  
Project Updates



## Public Comment | *Next Steps*

Please share only one question or comment at a time



- Use the “**Q&A**” button to submit a typed question or comment
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# Thank You!