



# Robert Street Bridge Project

Roslindale, MA

Virtual Public Information Meeting

July 16, 2020

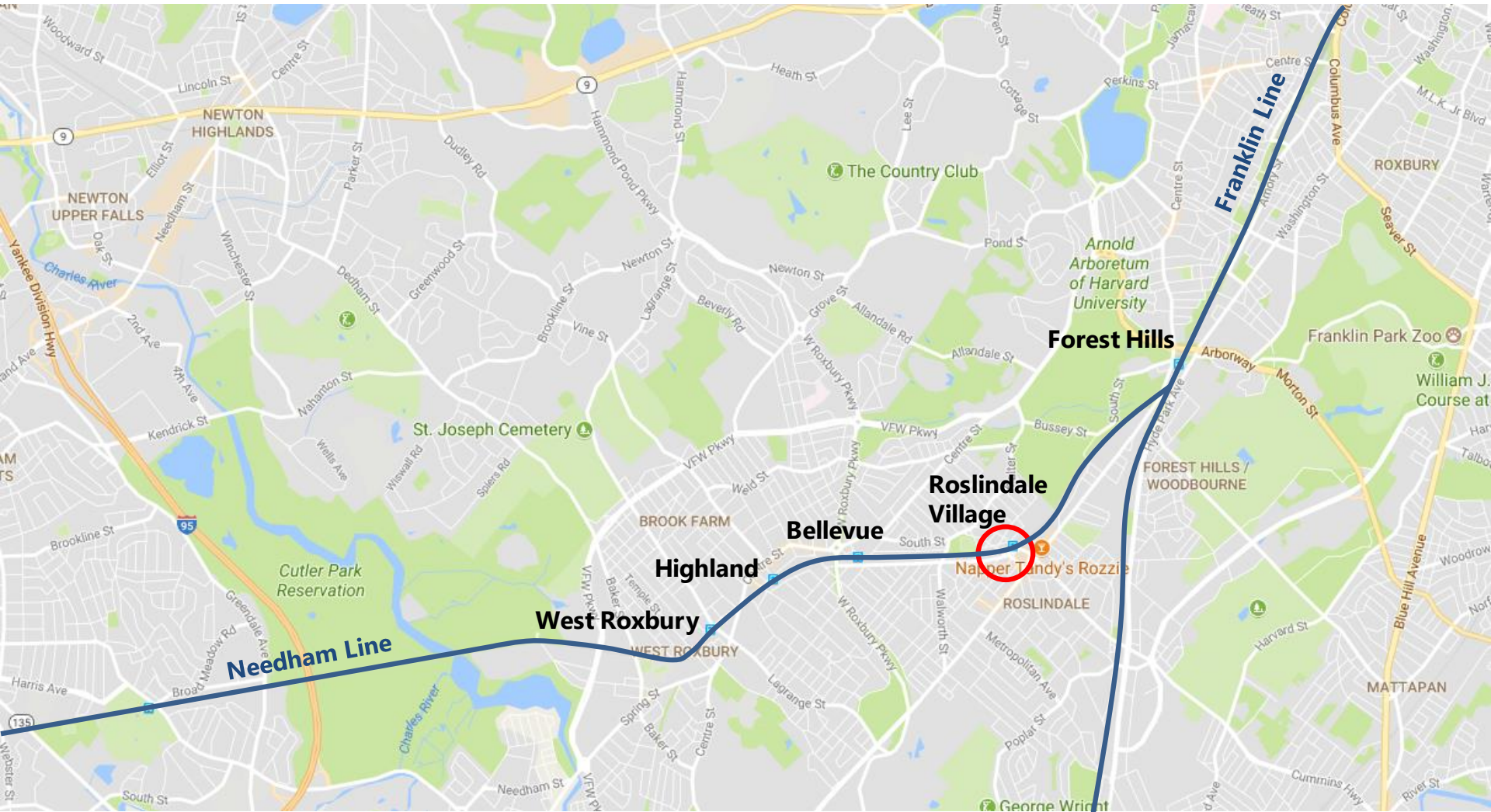
# Meeting Outline

- Public Outreach
- Project Location
- Proposed Concept and Construction Staging
- Impacts to Robert Street & Railroad during Construction
- Questions

# Public Outreach

- Met with State Officials
  - April 24, 2019
- Public Meeting
  - April 29, 2019
- Met with State Officials
  - July 13, 2020
- Public Information Meeting
  - July 16, 2020
- Ongoing coordination with City of Boston and abutters
- During Construction
  - Variable Message Signs near project site
  - E-mail blasts regarding traffic and service impacts
  - MBTA project website to be maintained with project updates

# Project Location



# Project Location



# Existing Condition



# Final Condition



# Construction Staging

## Phase 1 - Summer/Fall 2020

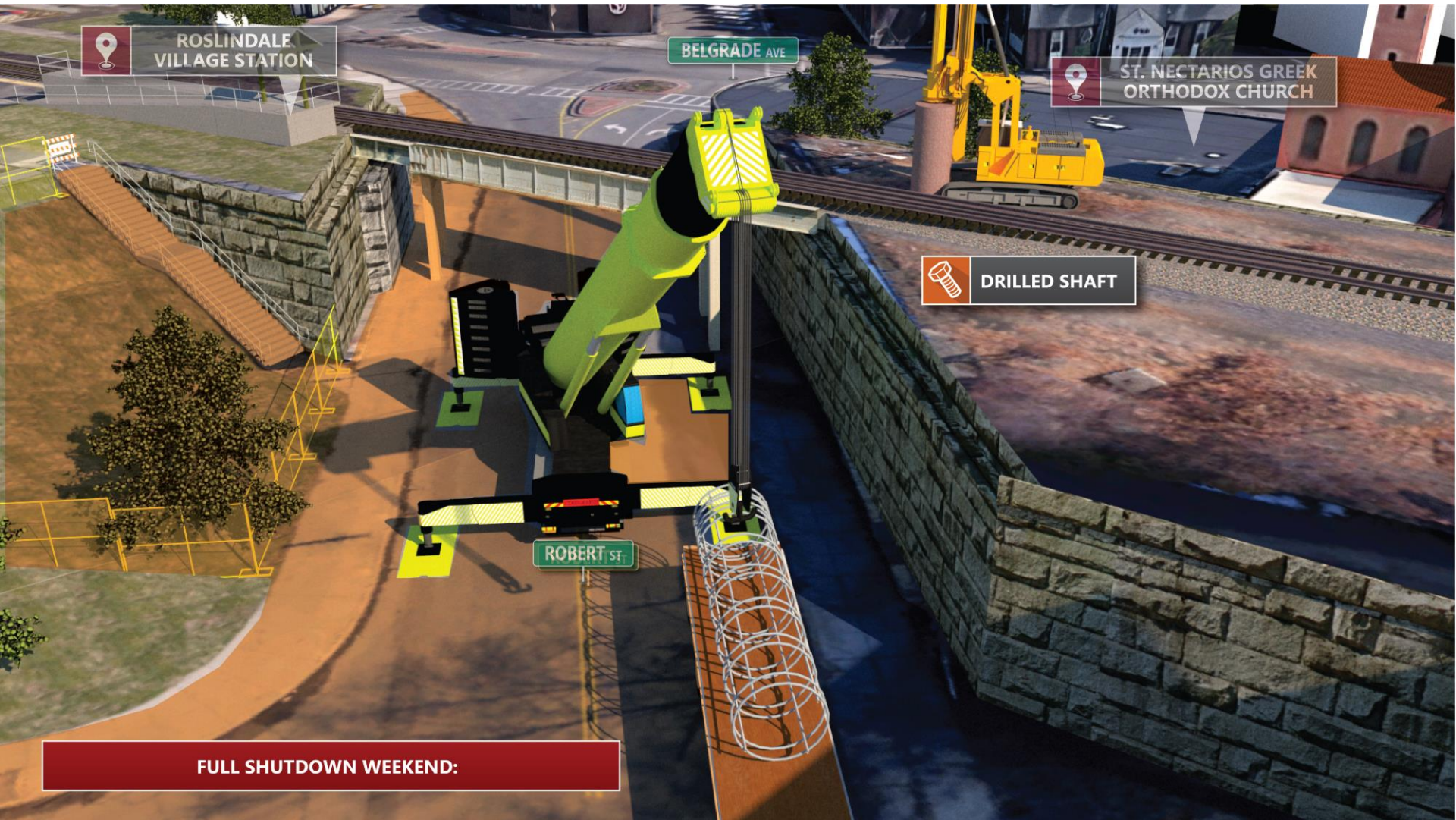
- Phase 1 (General)
  - Schedule: June 2020 to September 2020.
  - Roadway Impacts: Traffic shifts, both lanes open. (see weekend closure below).
  - Railroad Impacts: One weekend Commuter Rail diversion (see details below).
  - Pedestrian Impacts: Pedestrian detour across Robert Street.
  - Construction Activities: East Micropiles, East Abutment Concrete Facing, East Precast Abutment Caps, West Drilled Shaft Foundations (detailed below), Railroad Utility Relocations.
- Drilled Shafts Weekend Track Diversion (#1 of 2)
  - Schedule: August 2020.
  - Roadway Impacts: Weekend Closure of Robert Street.
  - Railroad Impacts: Weekend Commuter Rail Diversion.
  - Pedestrian Impacts: Pedestrian detour via adjacent underpasses (weekend only).
  - Construction Activities: West Drilled Shaft Foundations.



# Construction Staging – Phase 1 (Summer/Fall 2020)



# Construction Staging – Phase 1 (Summer/Fall 2020)



# Construction Staging

## Phase 2 – Spring /Summer 2021

- Phase 2 (General)
  - Schedule: April 2021 to July 2021.
  - Roadway Impacts: Traffic shifts, both lanes open. (see weekend closure below).
  - Railroad Impacts: No major impacts.
  - Pedestrian Impacts: Pedestrian detour across Robert Street.
  - Construction Activities: Deliver and Erect Bridge Steel (detailed below), Steel Assembly and Detailing, Waterproofing Bridge Deck, Preparations for Bridge Replacement.
- Deliver & Erect Bridge Steel Weekend Roadway Closure
  - Schedule: April 2021.
  - Roadway Impacts: Weekend Closure of Robert Street.
  - Railroad Impacts: No major impacts, utilize Sunday shift with no regular Sunday rail service.
  - Pedestrian Impacts: Pedestrian detour via adjacent underpasses (weekend only).
  - Construction Activities: Deliver and Erect Bridge Steel Major Components.

# Construction Staging –Phase 2 (Spring /Summer 2021)



# Construction Staging –Phase 2 (Spring /Summer 2021)



# Construction Staging Phase 3 –Summer 2021

- Bridge Replacement Weekend Track Diversion (#2 of 2)
  - Schedule: June/July 2021.
  - Roadway Impacts: Weekend Closure of Robert Street.
  - Railroad Impacts: Weekend Commuter Rail Diversion.
  - Pedestrian Impacts: Pedestrian detour via adjacent underpasses (weekend only).
  - Construction Activities: Bridge Replacement including:
    - Demolish Existing Structure
    - Install Precast Foundation Elements
    - Install Bridge Superstructure
    - Replace Trackwork over Bridge
    - Re-open Railroad & Robert Street

# Construction Staging – Stage 3 (Summer 2021)



# Construction Staging – Stage 3 (Summer 2021)





# Construction Staging – Stage 3 (Summer 2021)



# Construction Staging

## Phase 4 –Summer 2021

- Phase 4 (General)
  - Schedule: July/August 2021.
  - Roadway Impacts: Daily traffic shifts, both lanes open. Limited nightly closures.
  - Railroad Impacts: No major impacts.
  - Pedestrian Impacts: Pedestrian detour across Robert Street.
  - Construction Activities: Sidewalk Replacement, Masonry Re-Pointing, Roadway Re-paving, Railroad Utility Installations.

# Construction Staging – Stage 4 (Summer 2021)



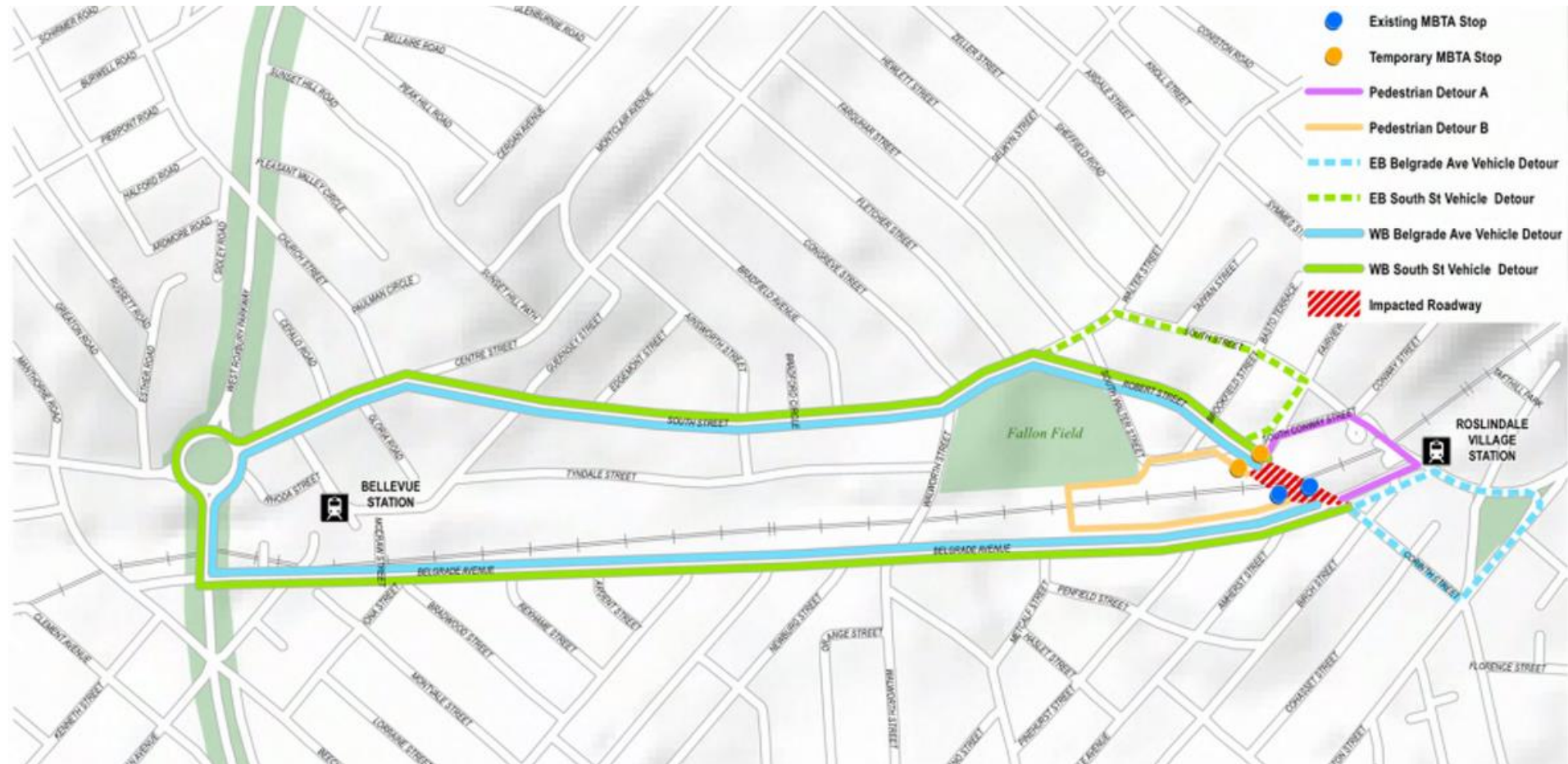
# Impacts to Robert Street

- Parking
  - During construction - temporary loss of on-street spaces
- Temporary Traffic Control
  - During construction – maintain 2 lanes of traffic, but shift lanes within existing curb lines
  - Occasional- Alternating one way traffic under police control
- Closures
  - Three (3) – Weekend road closures (Friday night to Monday morning)
    - Detour
  - Occasional day or night closures
    - During overhead construction
- Pedestrian Station Access
  - Alternate route provided during construction

# Impacts to Commuter Rail Service

- Weekend Diversions
  - Two (2) Weekend Commuter Rail Diversions
    - #1 of 2 for Installation of West Drilled Shafts (August 2020)
    - #2 of 2 for Bridge Replacement (Spring 2021)
- No bussing on Saturday of weekend shutdowns

# Impacts to Robert Street - Detour Route





# Questions?

## Resources

- Project Website:
  - [www.mbta.com/RobertStBridge](http://www.mbta.com/RobertStBridge)
- E-mail contact:
  - [RobertStBridge@mbta.com](mailto:RobertStBridge@mbta.com)
- To sign up for project e-mail notifications and updates visit the project website
- Participants who provide email addresses via Zoom will be added to our project email list.