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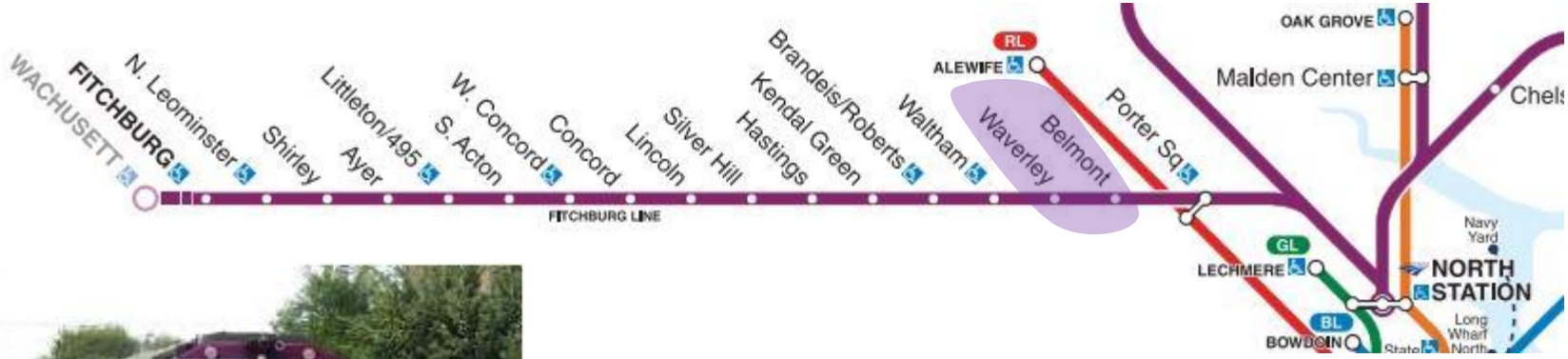
Massachusetts Bay Transportation Authority



Waverley and Belmont Commuter Rail Stations

COMMUNITY MEETING

Town of Belmont

November 16, 2015 | 7:00 PM

Existing Waverley

Massachusetts Bay Transportation Authority

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Waverley Station

Massachusetts Bay Transportation Authority

The Train Arriving

Looking toward Belmont Station

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Waverley Station

Massachusetts Bay Transportation Authority

Existing Station and Platforms

Boarding the Train

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Ridership

Massachusetts Bay Transportation Authority

Waverley Station

- Commuter Rail Inbound – 117 Riders/Weekday
- Bus Route 73 Inbound – 753 Riders/Weekday

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MAAB Order

Massachusetts Bay Transportation Authority

- The Station is not Compliant with Accessibility
- Reported violations of 521 CMR 18.2,18.5.2, and 20.1, regarding the lack of access.

The Commonwealth of Massachusetts
Department of Public Safety
Architectural Access Board
One Ashburton Place, Room 1310
Boston, Massachusetts 02108-1618
Phone 617-727-0660
Fax 617-727-0665

Deval L. Patrick
Governor

Timothy P. Murray
Lieutenant Governor

Andrea J. Cabral
Secretary

Thomas G. Gatzunis, P.E.
Commissioner

Thomas P. Hopkins
Director

www.mass.gov/dps

FINAL DECISION OF THE ARCHITECTURAL ACCESS BOARD

Date: February 26, 2013

Name of Property: Waverly Commuter Rail Station

Property Address: 525 Trapelo Road, Belmont, MA

Docket Number: C12-033

Date of Hearing: February 11, 2013

Enclosed please find a copy of the decision relative to the above mentioned matter.

Sincerely:

ARCHITECTURAL ACCESS BOARD
By:

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Analysis of Alternatives

Massachusetts Bay Transportation Authority

❑ Ramping System & Elevators

- New High Platform ($30,280,000)
- Existing Low Platforms With Mini High ($15,650,000.00)

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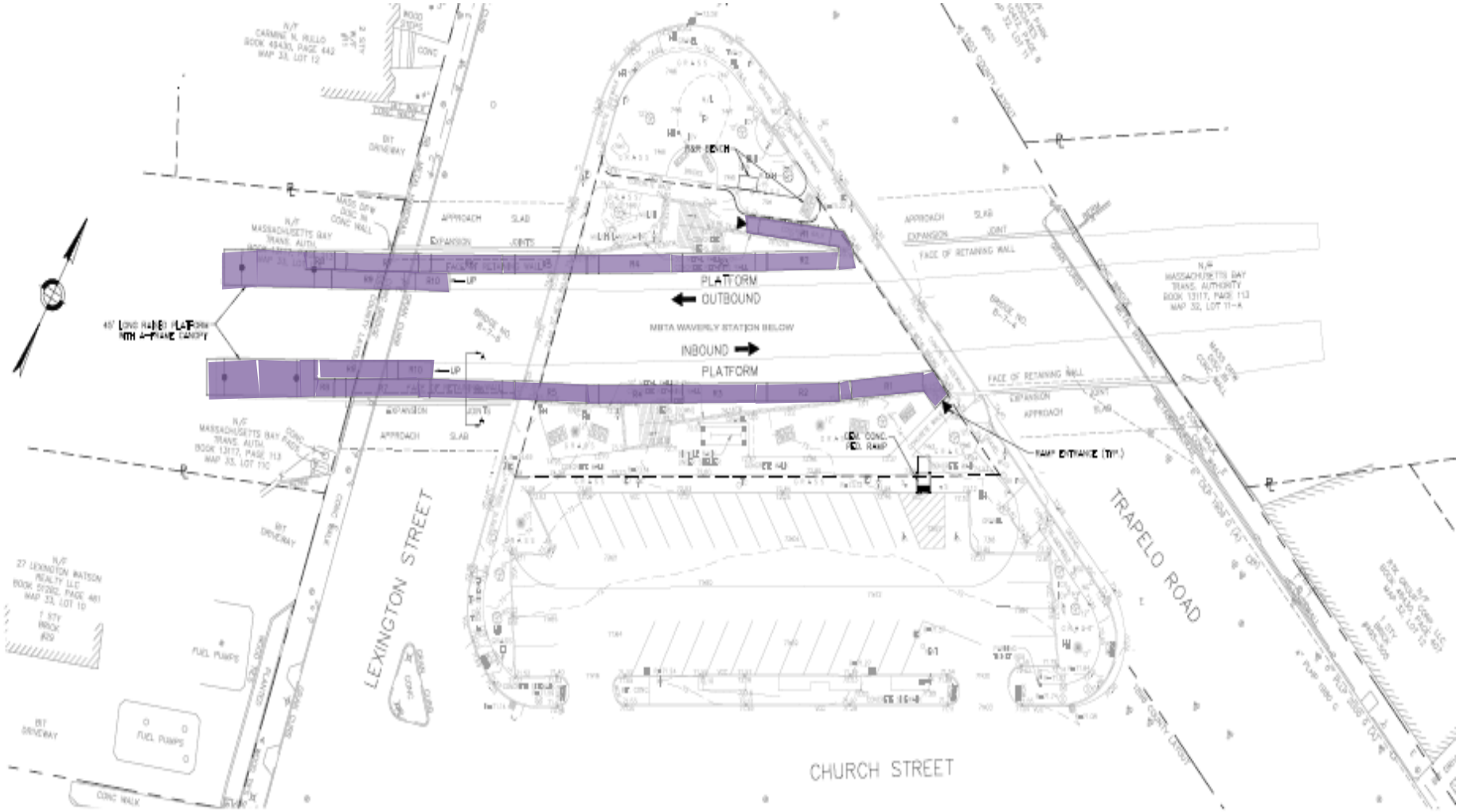
Prel. Ramping Alternative 1

Massachusetts Bay Transportation Authority



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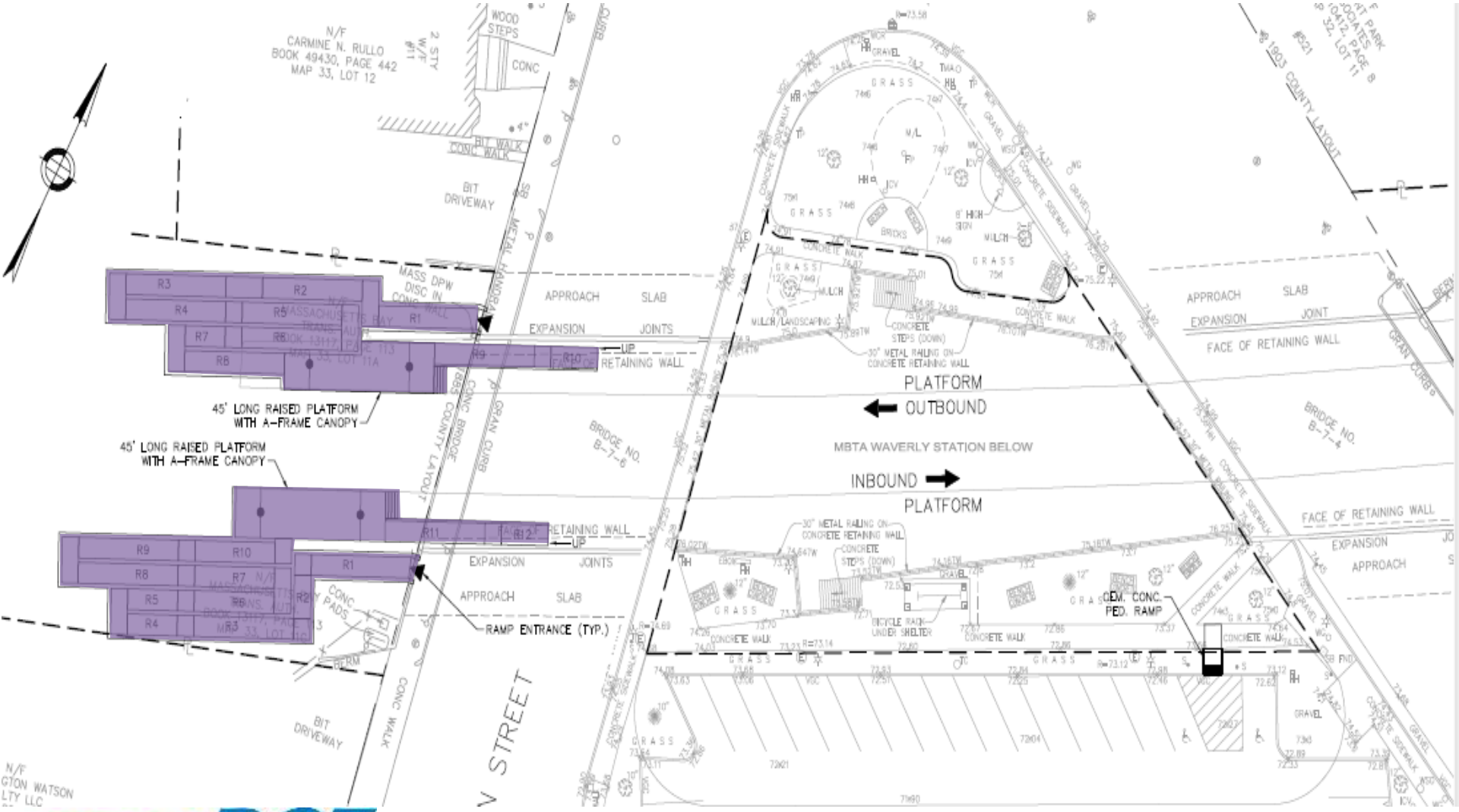
Prel. Ramping Alternative 2

Massachusetts Bay Transportation Authority



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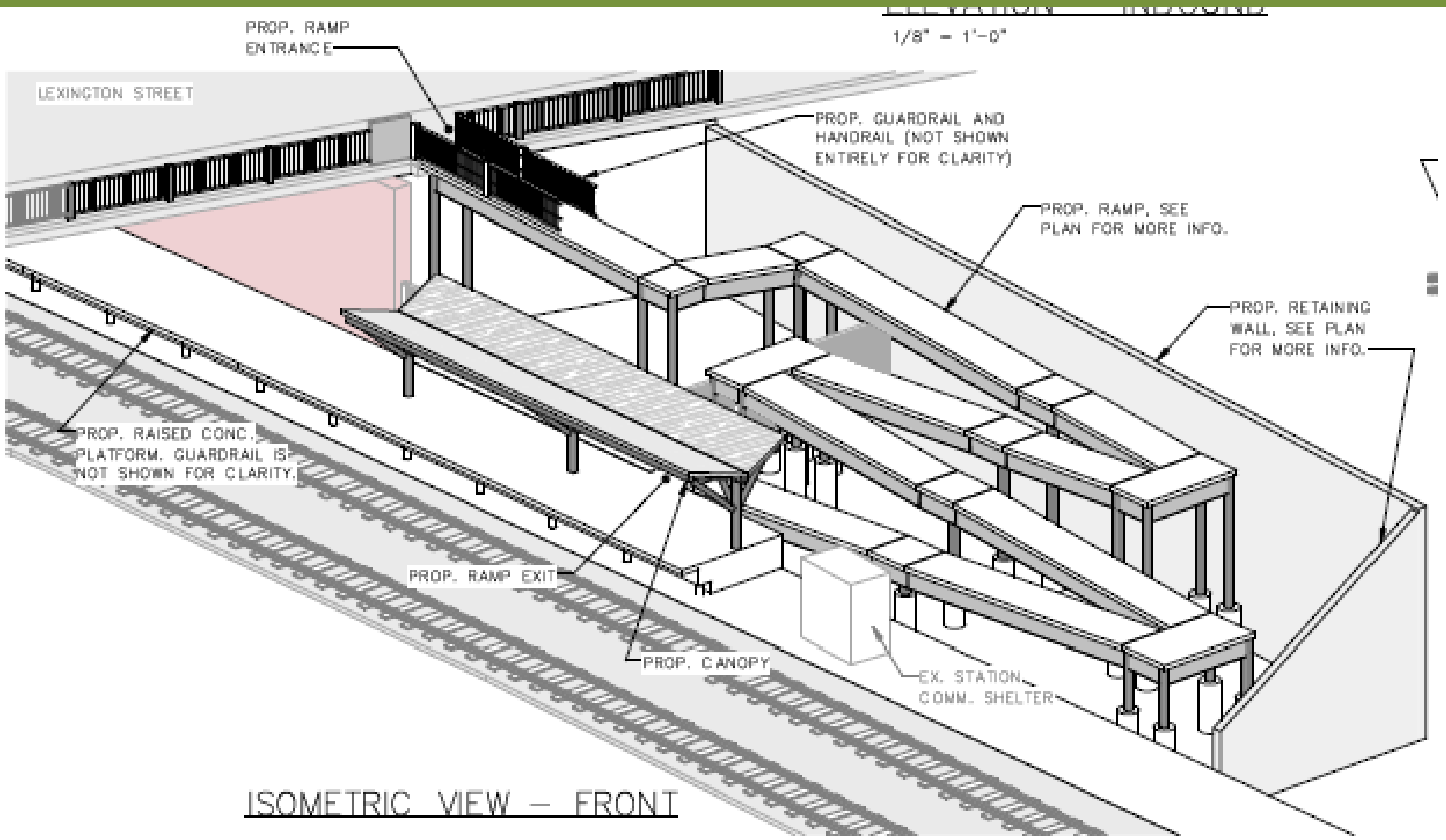
Platform- Rendering

Massachusetts Bay Transportation Authority



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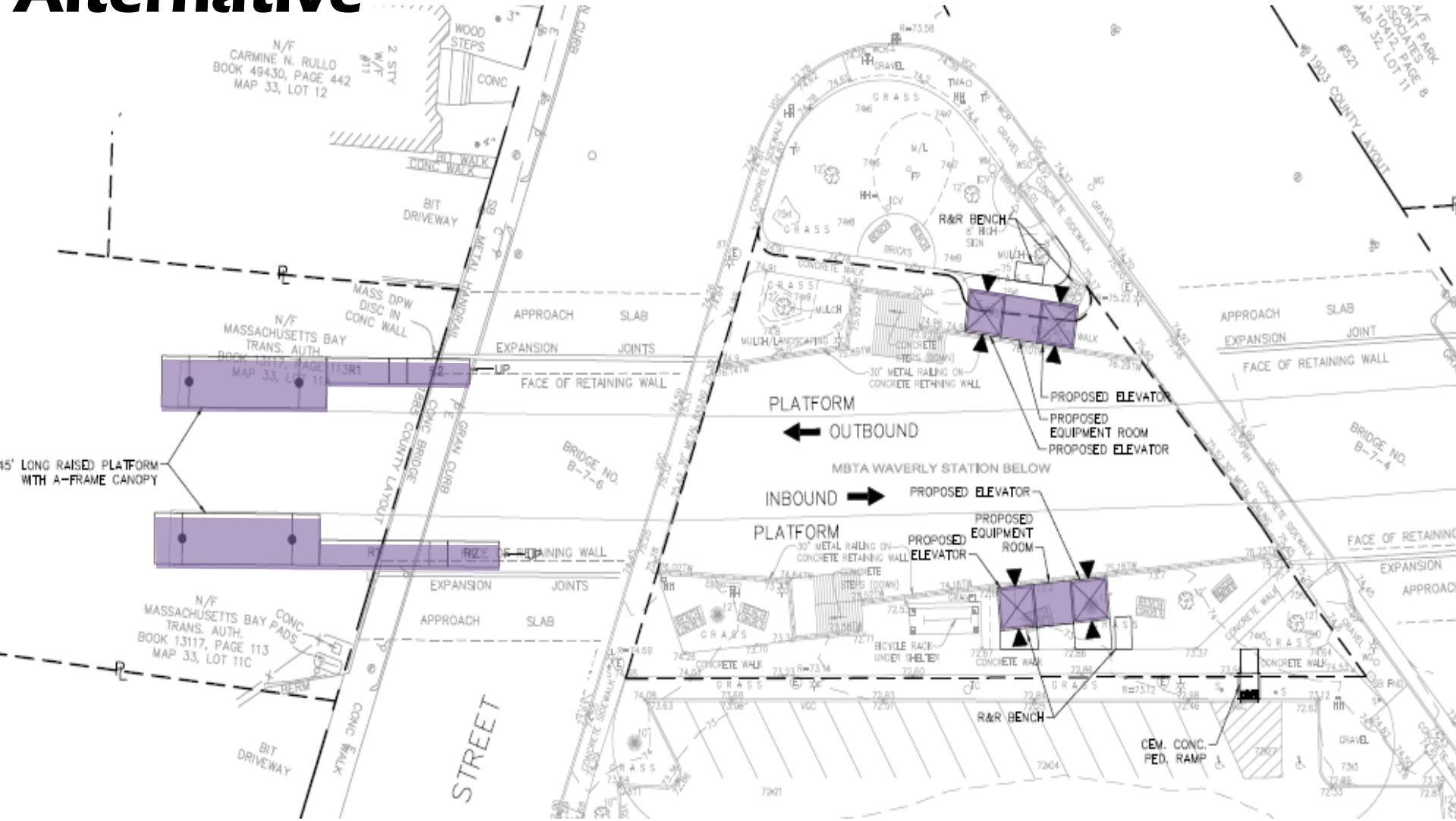
Elevators With Mini-High Alternative

Massachusetts Bay Transportation Authority



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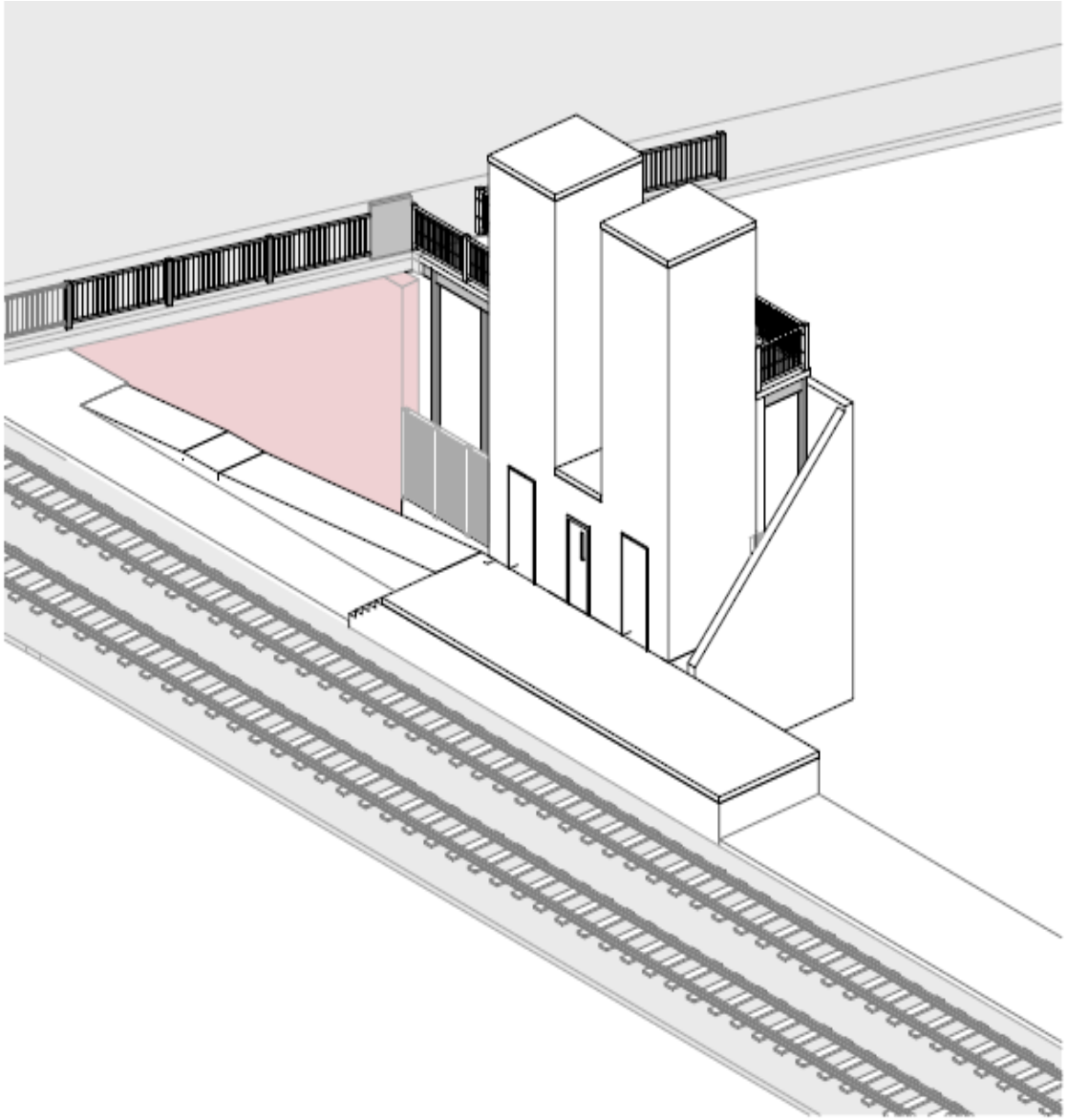
Elevators- Rendering Front View (Platform Level)

Massachusetts Bay Transportation Authority



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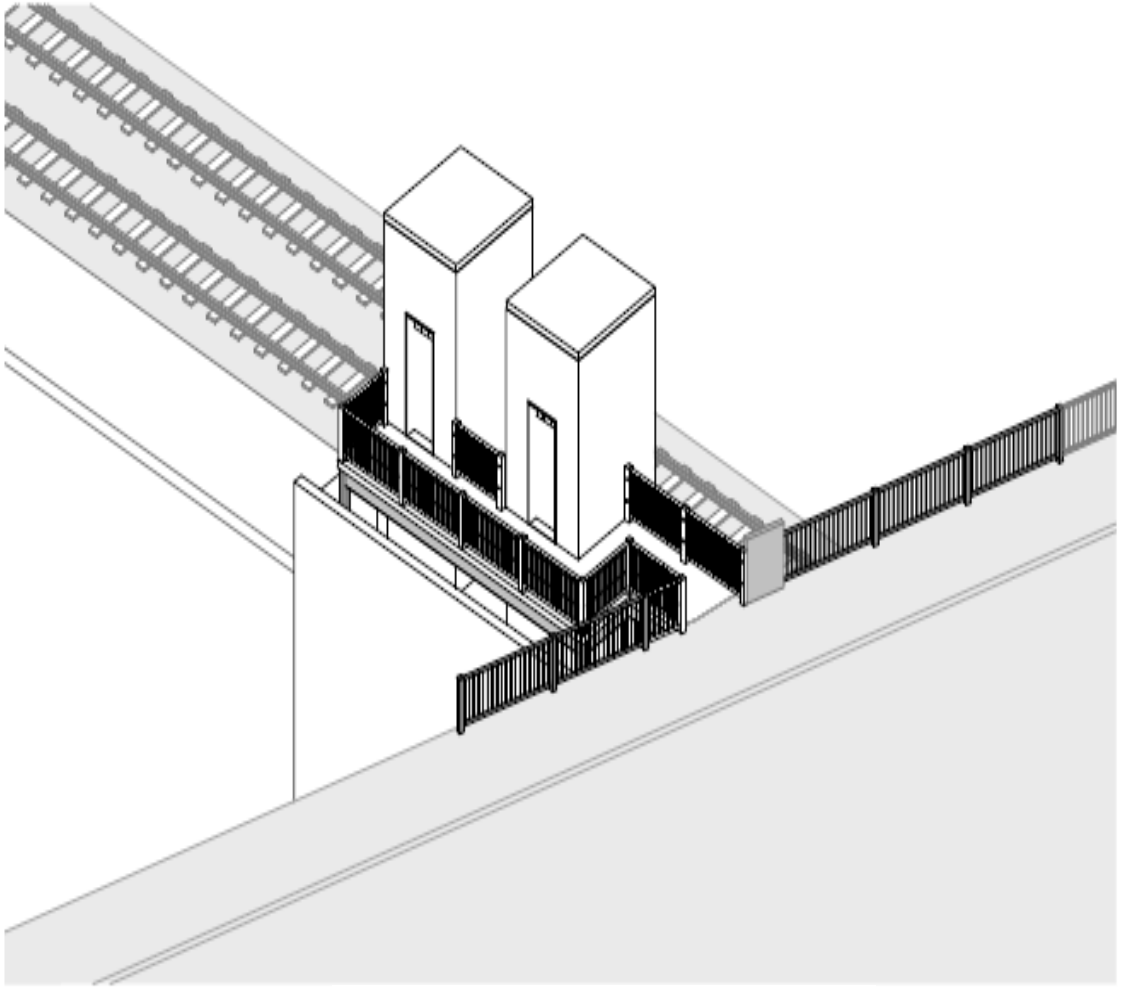
Elevators , Rendering

Massachusetts Bay Transportation Authority

Rear View (Street Level)



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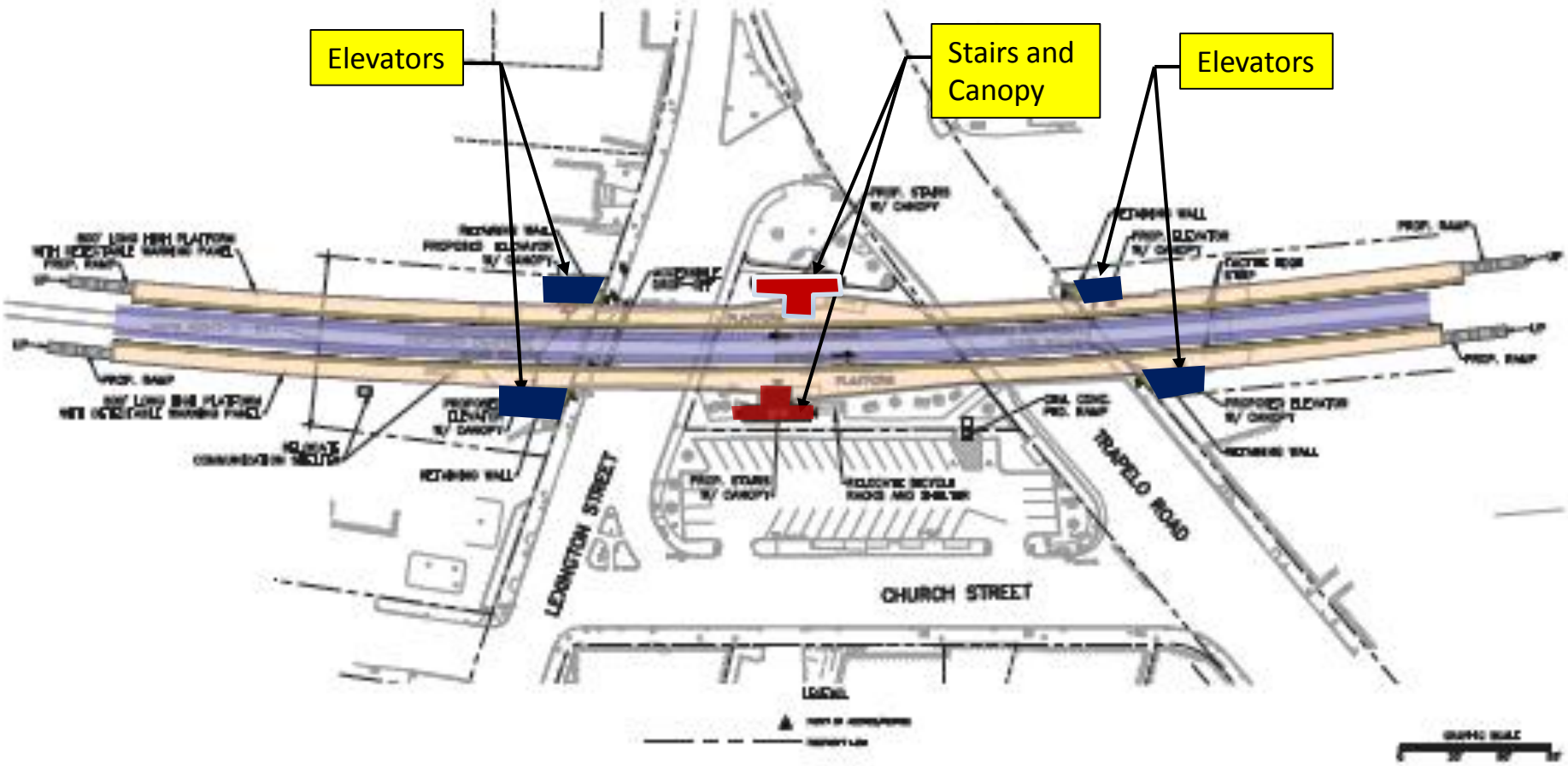
9 Car High Platform With Elevators and Stairs

Massachusetts Bay Transportation Authority



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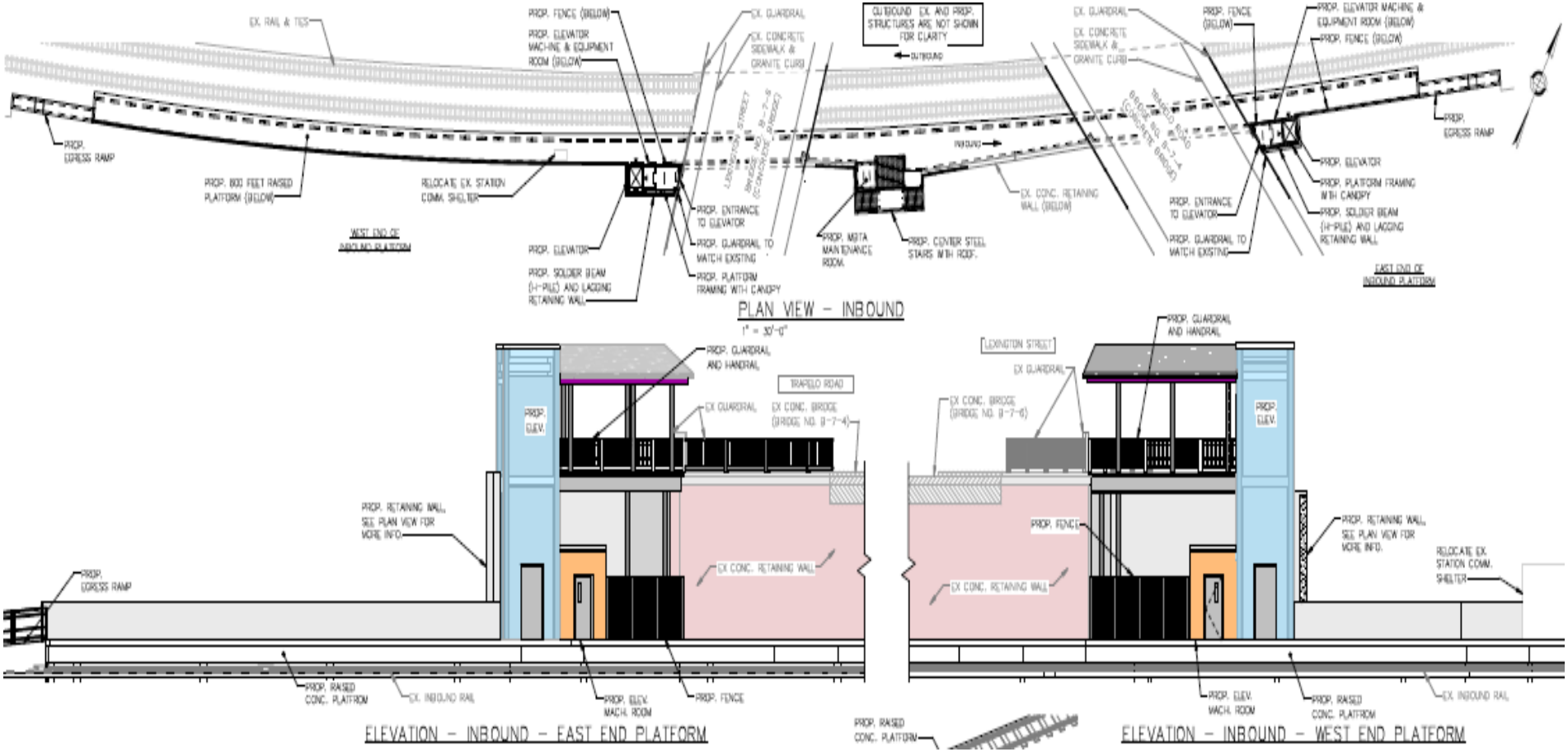
9 Car High Platform With Elevators and Stairs

Massachusetts Bay Transportation Authority



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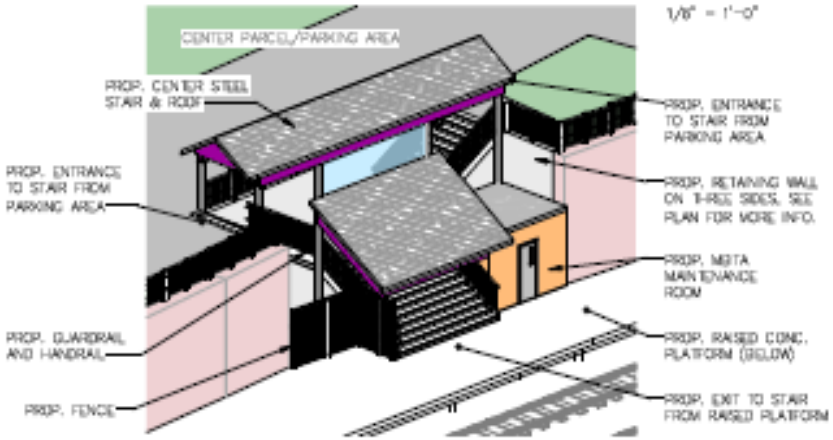
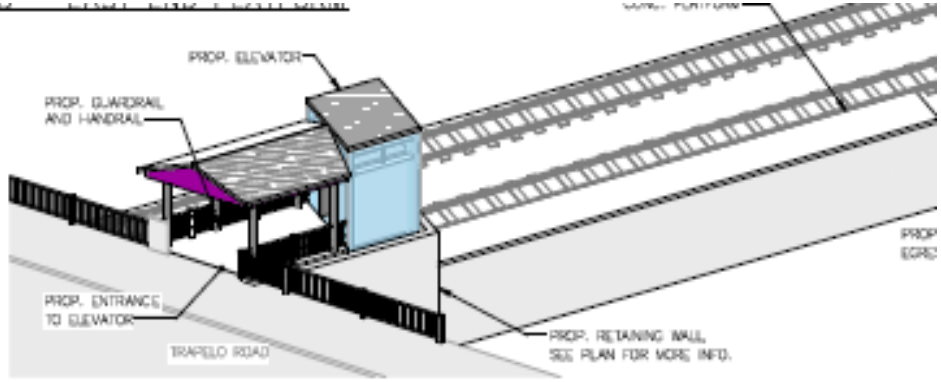
9 Car High Platform With Elevators – Isometric Views

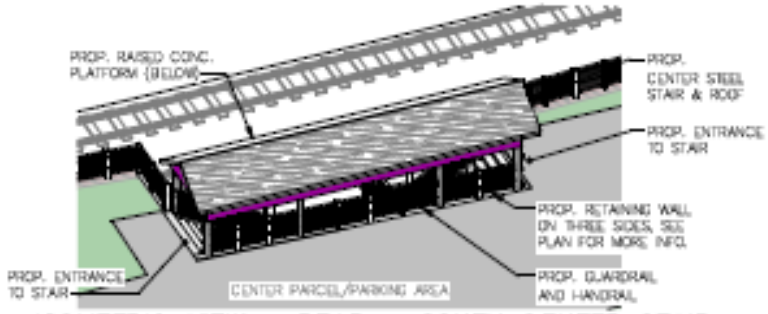
Massachusetts Bay Transportation Authority



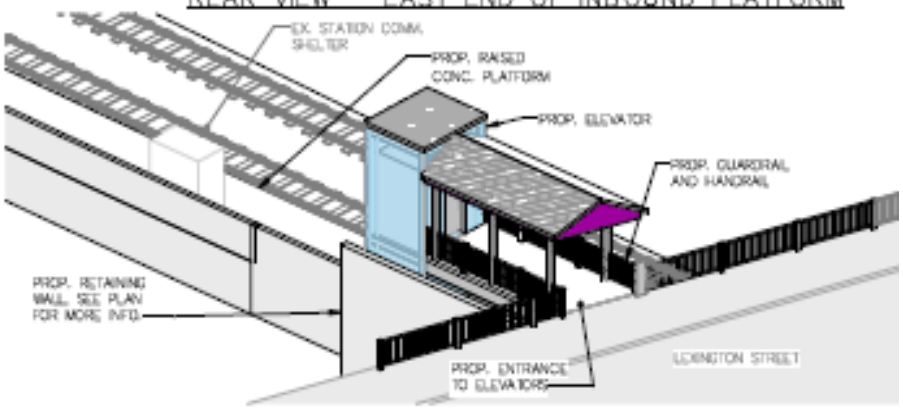
ISOMETRIC VIEW – FRONT – SOUTH CENTER STAIR



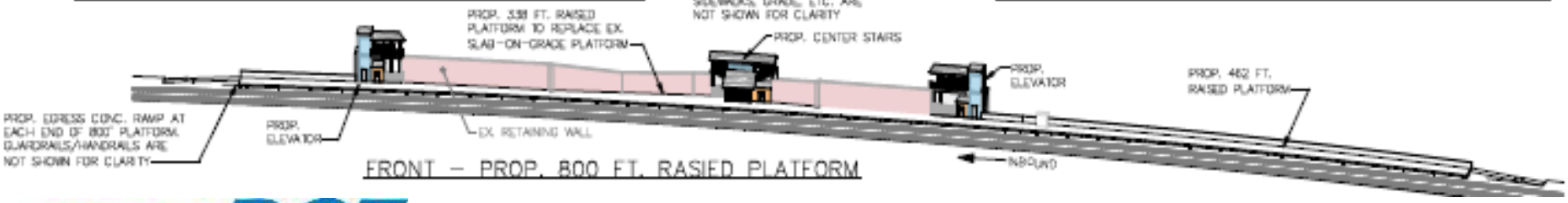
REAR VIEW – EAST END OF INBOUND PLATFORM



ISOMETRIC VIEW – REAR – SOUTH CENTER STAIR



REAR VIEW – WEST END OF INBOUND PLATFORM



FRONT – PROP. 800 FT. RASIED PLATFORM

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Waverley- Conceptual Cost Estimates

Massachusetts Bay Transportation Authority

Item	Full 9 Car High Level Platform	Mini-High With 6 Car Low Platform
General Req. & Conditions	$979,600	$650,750
Platform	$5,546,800	$559,800
Stairs and Ramps	$2,746,400	$1,220,300
Elevators	$4,277,500	$4,277,500
Station Systems	$1,689,000	$928,000
Track Work	$63,000	$49,400
Site Work	$234,200	$228,900
RR Flaggers/Police Details	$756,000	$504,000
Mobilization (5%)	$977,600	$505,100
Offsite Storage/Parking Lot	$814,600	$420,900
Contingency (25%)	$4,073,100	$2,104,700
Inflation (3%/year) to 2017	$978,000	$505,200
Professional Services/Design	$4,164,200	$2,151,800
Project Administration/Inspection	$2,327,500	$1,209,500
Professional Service Contingency	$649,200	$336,100
Total	$30,280,000	$15,650,000

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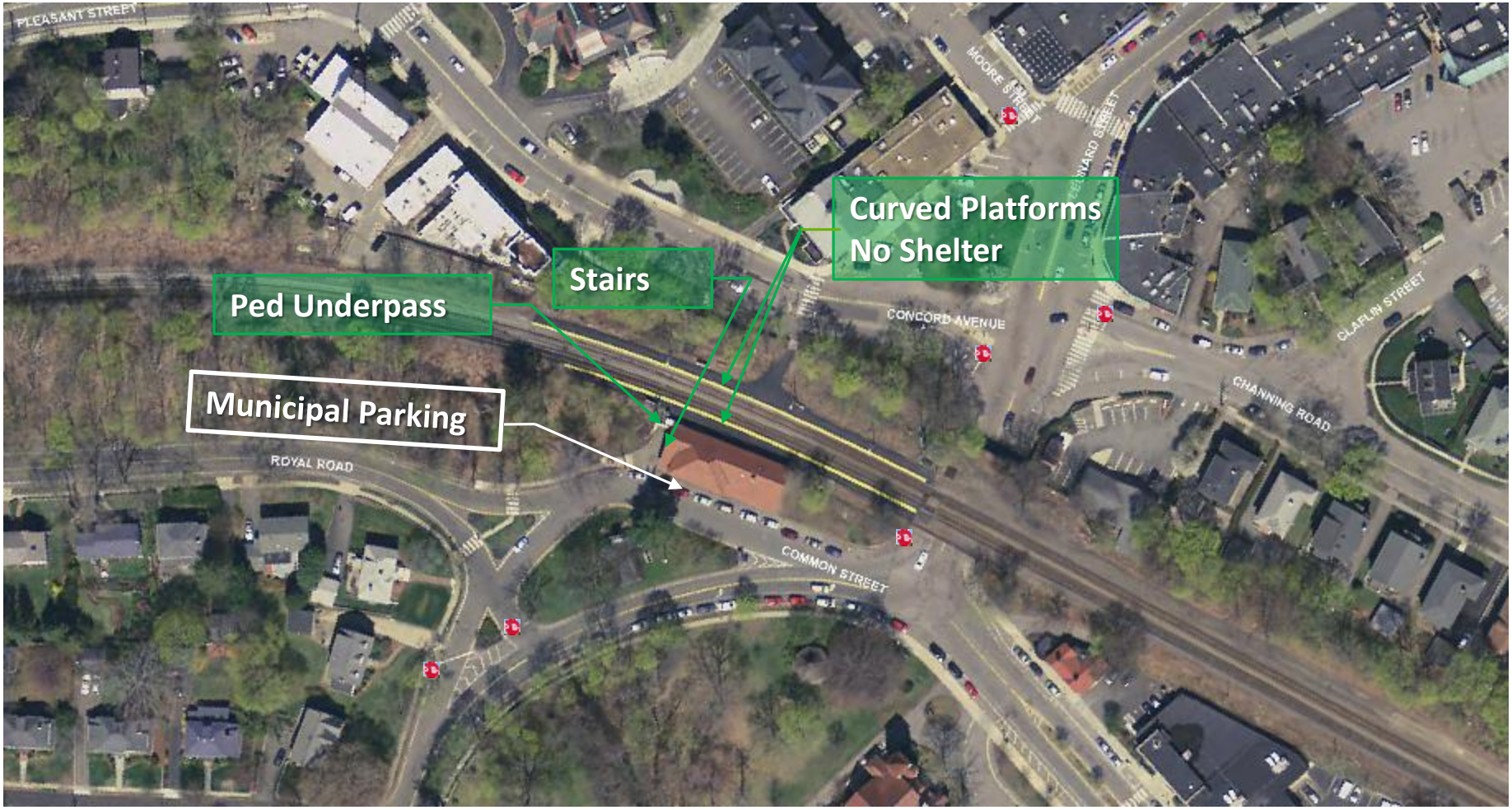
* Requires MAAB and FTA Variances

Existing Belmont Center

Massachusetts Bay Transportation Authority



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Ridership

Massachusetts Bay Transportation Authority

Belmont Station

- Commuter Rail Inbound – 168 Riders/Weekday
- Bus Routes 74&75 Inbound – 161 Riders/Weekday

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Belmont Station

Massachusetts Bay Transportation Authority

Walking to Platform

Existing Inbound Platform

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Belmont Station

Massachusetts Bay Transportation Authority

The Train Arriving

Boarding the Train

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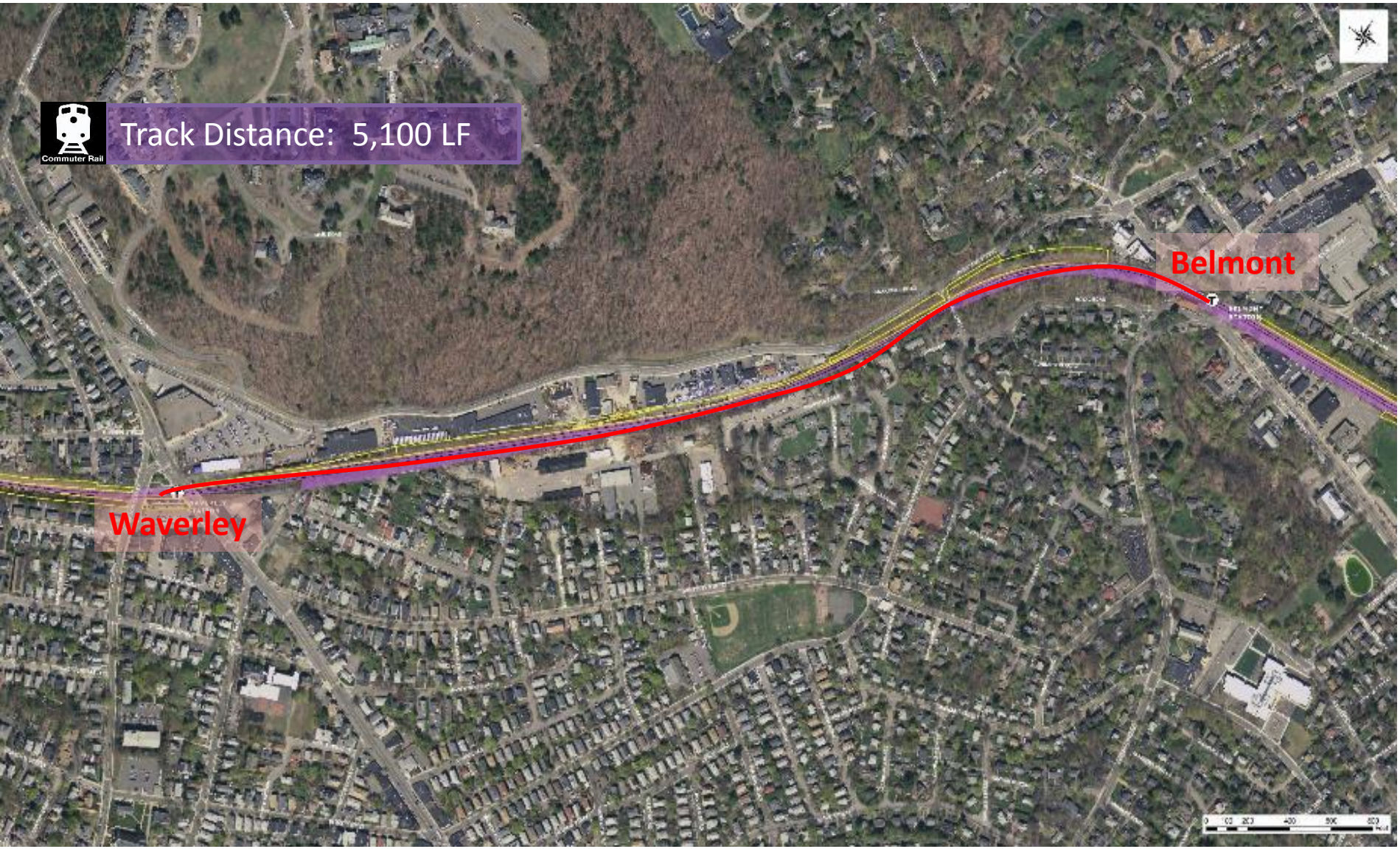
Existing Station Locations

Massachusetts Bay Transportation Authority



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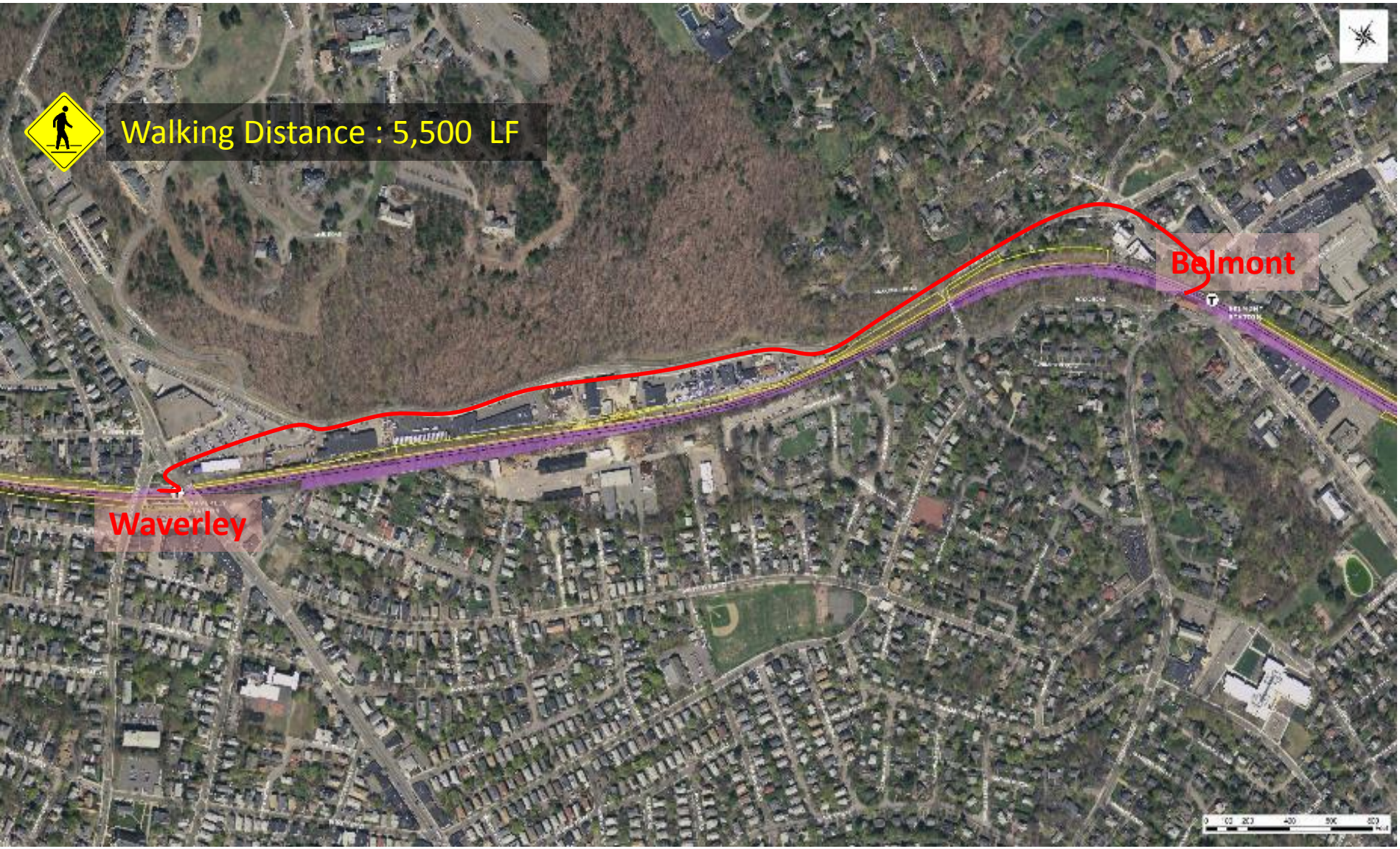
Existing Station Locations

Massachusetts Bay Transportation Authority



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Project Goals

Massachusetts Bay Transportation Authority

- ✓ **Provide accessible facility** | Bring stations into compliance with ADA and MAAB requirements
- ✓ **Improve service** | More timely and reliable
- ✓ **Increase station ridership** | Improve experience and accessibility for riders
- ✓ **Improve infrastructure** | Provide a facility that enhances the rider's experience
- ✓ **Improve multimodal linkage** | Ease of use for trains, buses, bicycles, and walking.

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What is Being Done?

Massachusetts Bay Transportation Authority

- Will Complete Feasibility Assessment and Evaluation for Making the Station Accessible.
- Prepared Alternative Analysis For the Following Options:
  - Mini-High Platforms plus Existing Low Platforms
  - Ramping System for Access and Egress
  - Elevators for Access and Egress
  - Stairs and Canopy
- Will work closely with Town Officials and Departments to review our findings

At Waverley Station

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What is Being Done?

Massachusetts Bay Transportation Authority

- Assessment of Existing Physical And Operational Conditions of the Stations, Platforms, and Tracks
- Identify Potential Solutions and Constraints
- Estimate Potential Costs
- Work with the Town of Belmont on Feasible Solutions

At Belmont Station

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Potential Options- Waverley MAAB Order

Massachusetts Bay Transportation Authority

- Construct Improvements at Waverley Station
- Close Waverley Station
- Build New Belmont Station
- Combine Waverley and Belmont Stations into one Station

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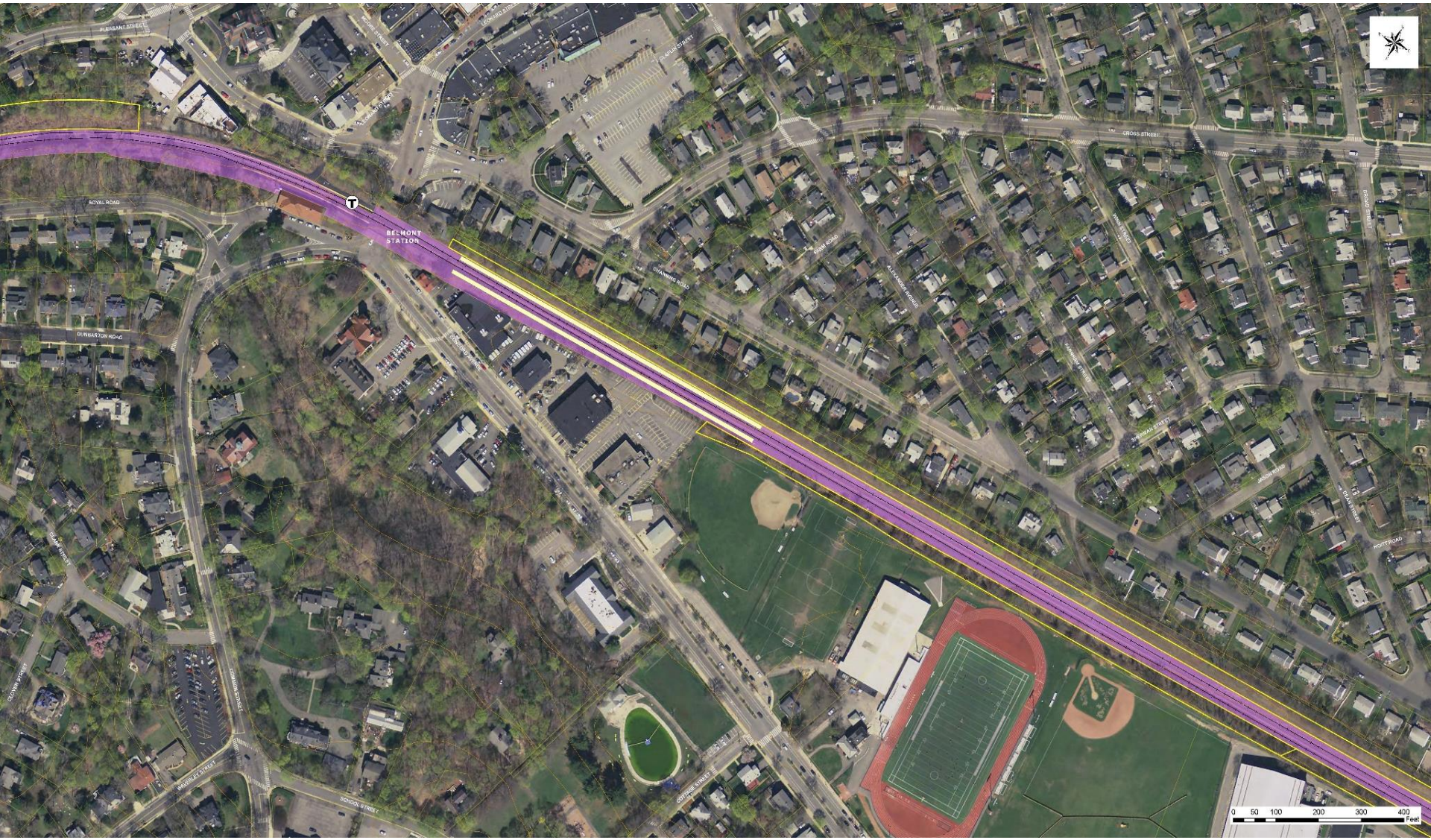
Belmont Center

Massachusetts Bay Transportation Authority



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Issues and Concerns

Massachusetts Bay Transportation Authority

- Access/Egress
- Right-of-way
- Parking
- Impacts on Residential neighborhood
- Safety

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Pleasant Street Alternative

Massachusetts Bay Transportation Authority

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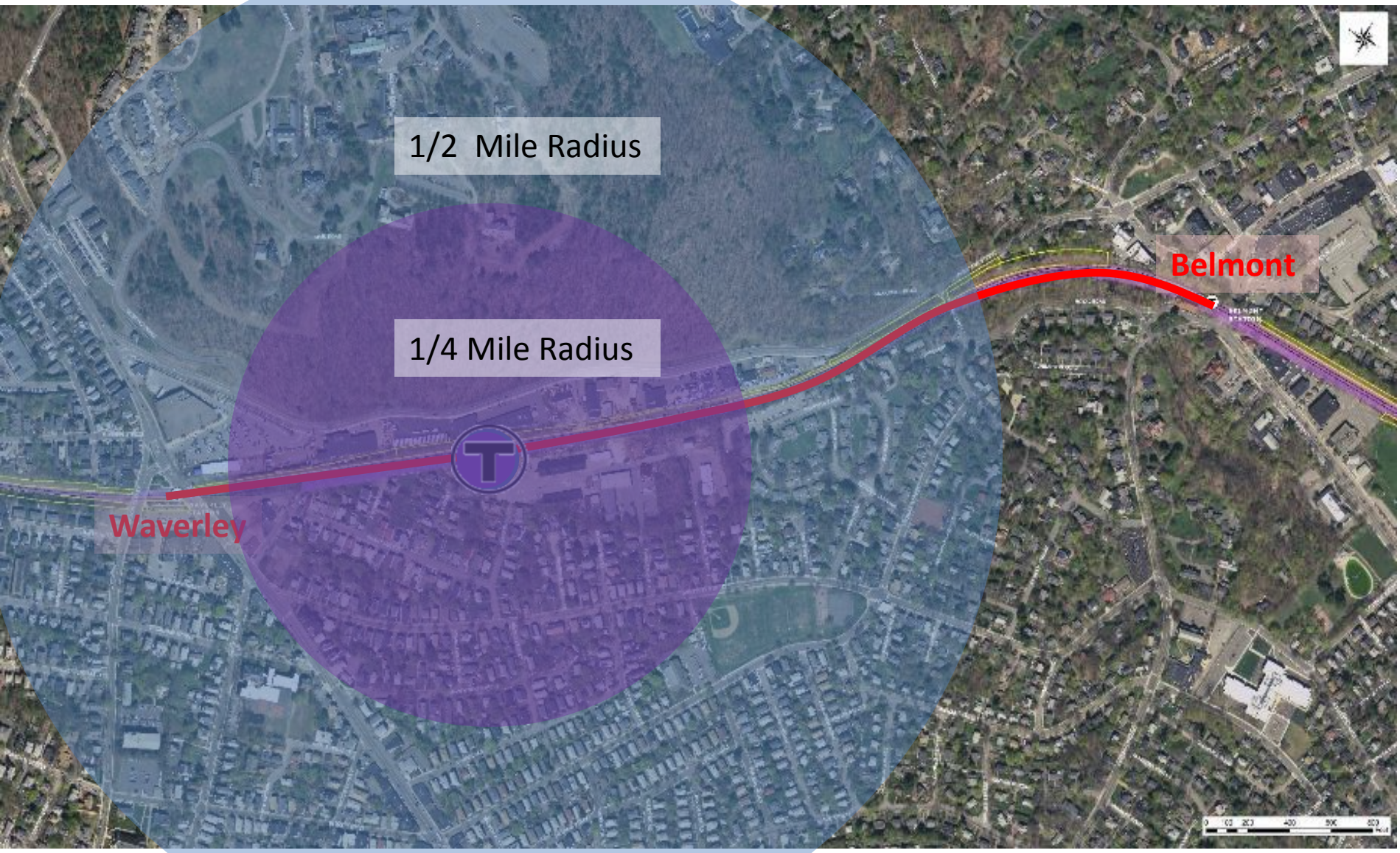
Pleasant Street Alternative

Massachusetts Bay Transportation Authority



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Station Concept-Pleasant Street Alt.

Massachusetts Bay Transportation Authority

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Close-up View - Rendering

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Pleasant Street View-Rendering

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Platform View-Rendering

Massachusetts Bay Transportation Authority

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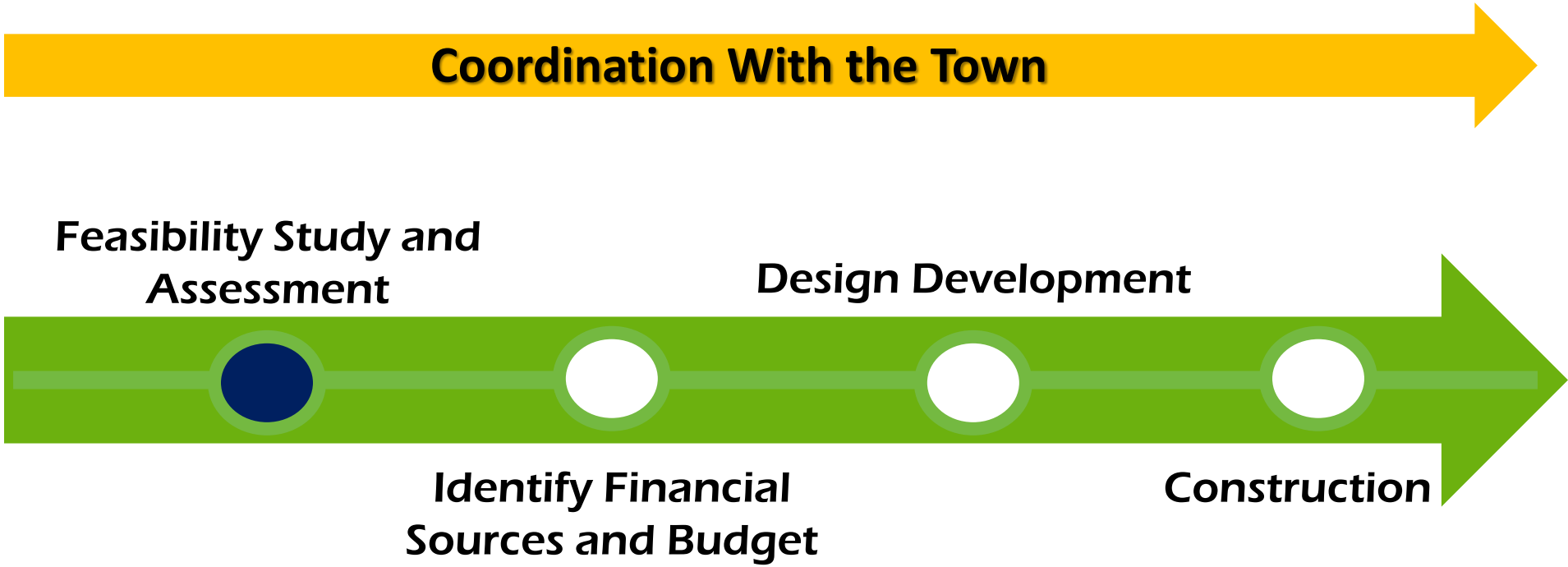
Typical Project Sequence

Massachusetts Bay Transportation Authority



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Contact Information

Massachusetts Bay Transportation Authority

- John P Doherty, Project Manager
  - Mail-in comments;

    100 Summer Street, Suite 1200

    Boston, MA 02110.
  - Email Address;

    JPDoherty@MBTA.com
  - Phone Number;

    (617) 222-1764

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Massachusetts Department of Transportation

Thank You
Q&A

COMMUNITY MEETING
Town of Belmont
November 16, 2015 | 7:00 PM