

Belmont Community Path – Phase 1 25% Design Submission - Public Information Meeting

November 4, 2021

Building better communities with you



Agenda

- 1. CPPC – Project Introduction**
- 2. Project Update**
- 3. Presentation of 25% Design Plans**
- 4. Project Summary and Schedule**
- 5. Opportunities to provide final design feedback**

Project Introduction



Belmont Community Path – Phase 1 Project Limits

Project Update

Design Parameters

- Design meets MassDOT and Federal Highway Standards
- Design meets Massachusetts Architectural Access Board (AAB) and Americans with Disabilities Act (ADA) Requirements
- Proposed 12-foot-wide path constructed with hot mix asphalt (HMA)
- Proposed 4-foot-wide soft surface shoulder for walking/jogging on one side of path
- Drainage swale proposed along north side of path to intercept stormwater from path
- Underpass beneath railroad tracks at Alexander Avenue to connect Middle/High Schools to Channing Road
- Retaining walls to support path at some locations
- Landscaping along path for comfort and screening
- Path access points at Pleasant Street, Concord Ave at Belmont Center (Belmont Station), 7 Channing Road (Chase Bank), Alexander Avenue Underpass, Brighton Street
- New traffic signal at Brighton Street / Railroad Crossing
- Proposed lighting (Alexander Avenue Underpass Only)



Project Update

25% Design Progress

- Conceptual Design Report (CDR) submitted on February 6, 2020
- Received comments on the CDR from Town, MassDOT, and MBTA
- Draft 25% Design Public Information Meeting (Virtual) – July 16, 2020
- Received Public Comments on the DRAFT 25% Design Plans (July 2020)
- Design coordination meetings with MBTA and MassDOT
- Design coordination with Town Departments, Boards, and Committees
- Borings for Underpass and Retaining Walls on MBTA Property completed Summer 2021
- 25% Submission to MassDOT – November 3, 2021
- 25% Design Submission Public Information Meeting (Virtual) – November 4, 2021

Opportunities to engage today and in the future

There are several means to **provide feedback today** and *throughout the 75% design phase*:

- View and comment on the 25% Submission Plans on the project website at www.belmontcommunitypath.com
- Ask questions and provide comments during the 2nd portion of today's meeting (use the raise hand function if you would like to speak)
- Or email the Director of Community Development, Glenn Clancy, at gclancy@belmont-ma.gov
- The design team will also be available to meet in-person or virtually with individuals or groups to review the design and answer questions

Project Updates

25% Submission – Public Information Meeting

Posted on November 3, 2021 by John Michalak

On Thursday, November 4th, 2021 at 7:00PM the Community Path Project Committee (CPPC) will be hosting a virtual meeting where the Nitsch Team will present the 25% Submission Plans that were submitted to MassDOT earlier this week. During the meeting attendees will be provided an opportunity to provide comments and ask questions about the preliminary design of the Belmont Community Path. A link for you to download a copy of the 25% design plans is provided below. Following the meeting, we will provide a copy of the presentation from the public meeting and a link to provide additional comments and ask questions on this website. We look forward to seeing you at the public meeting on the 4th.

[Belmont Community Path 25% Submission Plans](#)

[Nov 4th Public Meeting Agenda](#)

Posted in [Design Documents](#), [Design Progress](#), [Project Update](#), [Public Meeting](#) Tagged [25% Design Submission Plans](#), [Public Meeting](#) [Leave a Comment](#)

What We Heard From the Community

...and how we integrated your comments into the 25% design:

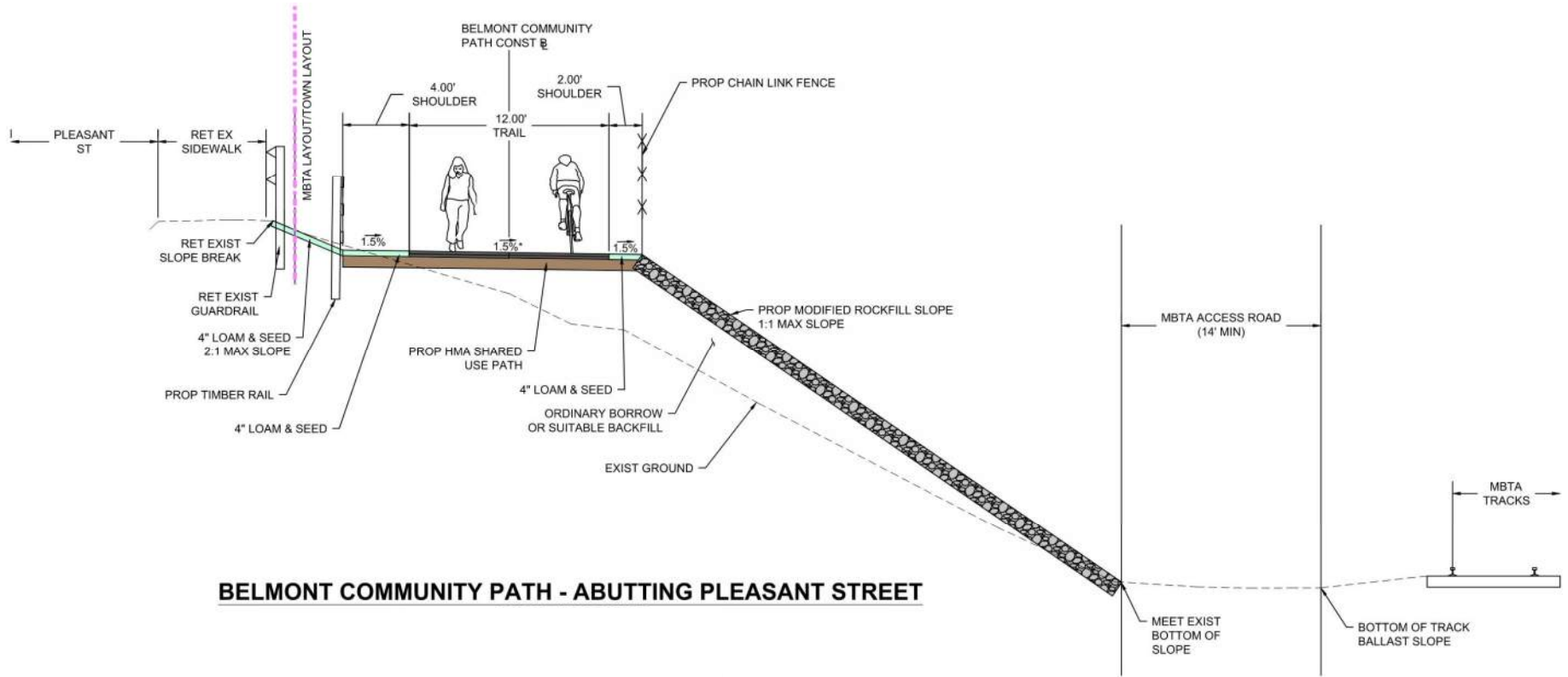
- Modify the “Clark Street Spur” and path alignment shown on the July 2020 DRAFT plans
 - The proposed path alignment has been revised to include a single path connecting to Pleasant Street and the Clark Street pedestrian bridge
- Provide several access points to the Community Path
 - Pleasant Street and Clark Street Pedestrian Bridge
 - Concord Avenue/Belmont Center at Belmont Station
 - Proposed path connection at 7 Channing Road (Chase Bank)
 - Alexander Ave Underpass / Channing Road
 - Brighton Street and Fitchburg Cut-off Trail
- Brighton Street Traffic Signal
 - Allow for path users to cross Brighton Street while railroad gates are down

What We Heard From the Community

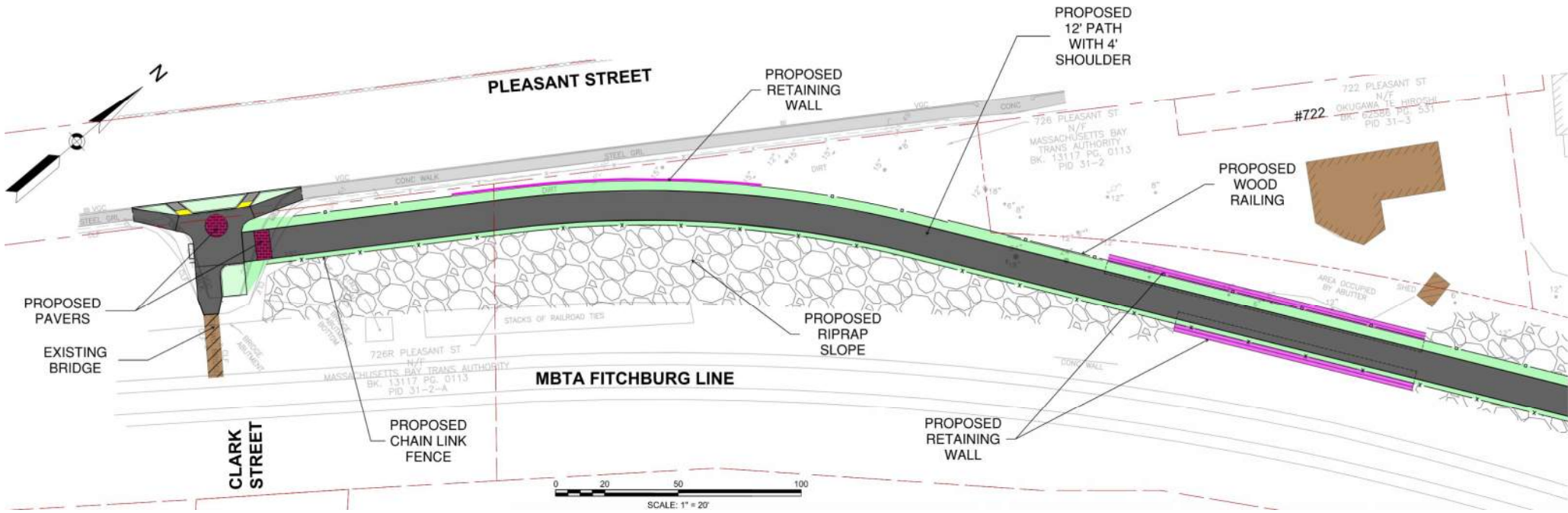
...and how we integrated your comments into the 25% design:

- Drainage/flooding problems on Channing Road properties
 - Added drainage swale and sub-drain on north side of path to intercept runoff
- Minimize Tree Cutting / Preserve Existing Vegetation
 - Revised path alignment and profile to limit the removal of trees where possible
 - Provide screening to address privacy concerns
- Accommodate Maintenance and Emergency Vehicles
 - Design Path access points to allow for emergency vehicles
 - Proposed 8-foot chain link fence with gates for MBTA/Emergency Access
 - 14-foot-wide clear along north side of the tracks for MBTA access
 - Alexander Avenue underpass designed for emergency vehicle access

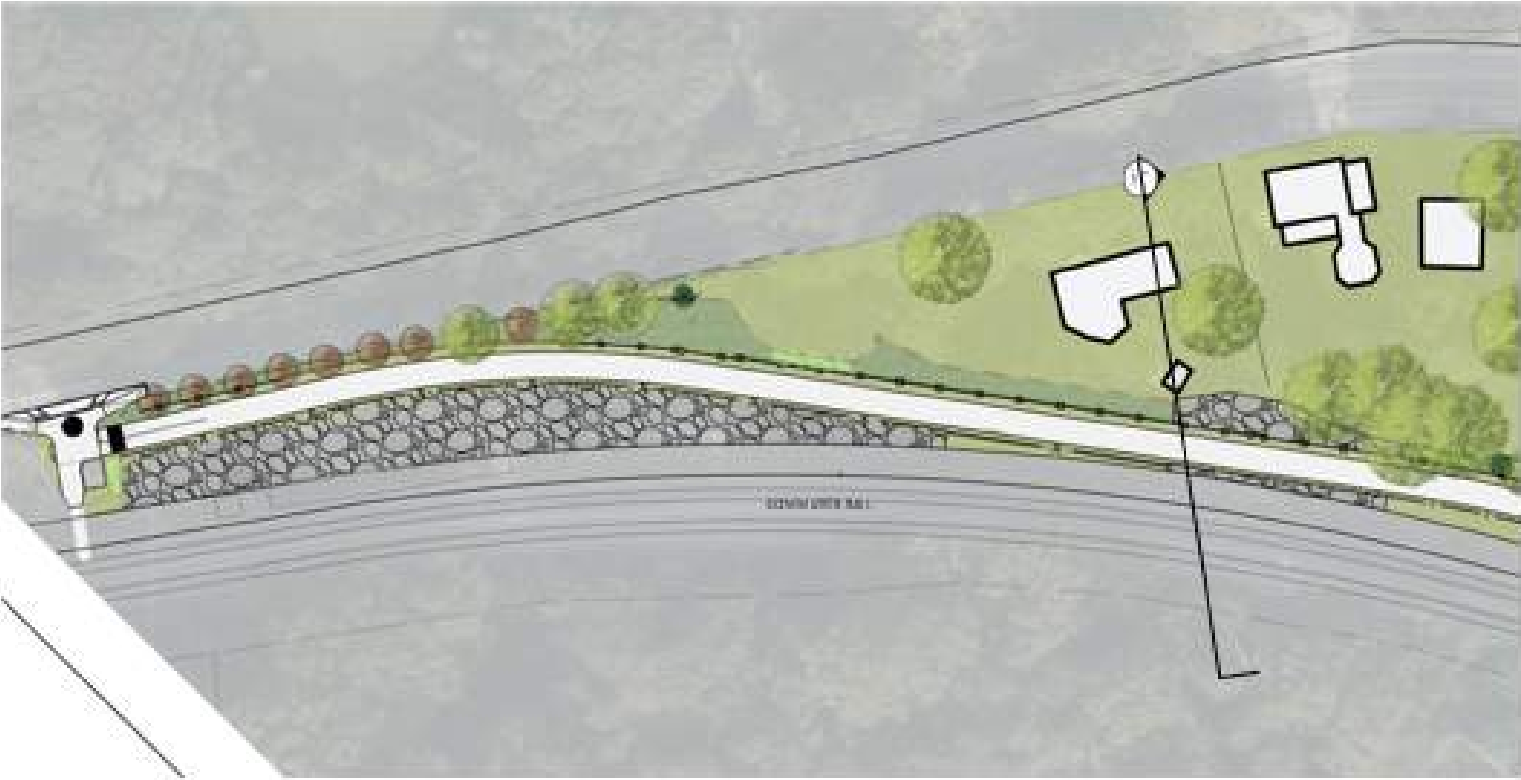
Clark Street / Pleasant Street Connection



Clark Street / Pleasant Street Connection



Clark Street / Pleasant Street Connection



Plan: Clark Street / Pleasant Street Connection



Belmont Community Path - Overview Plans



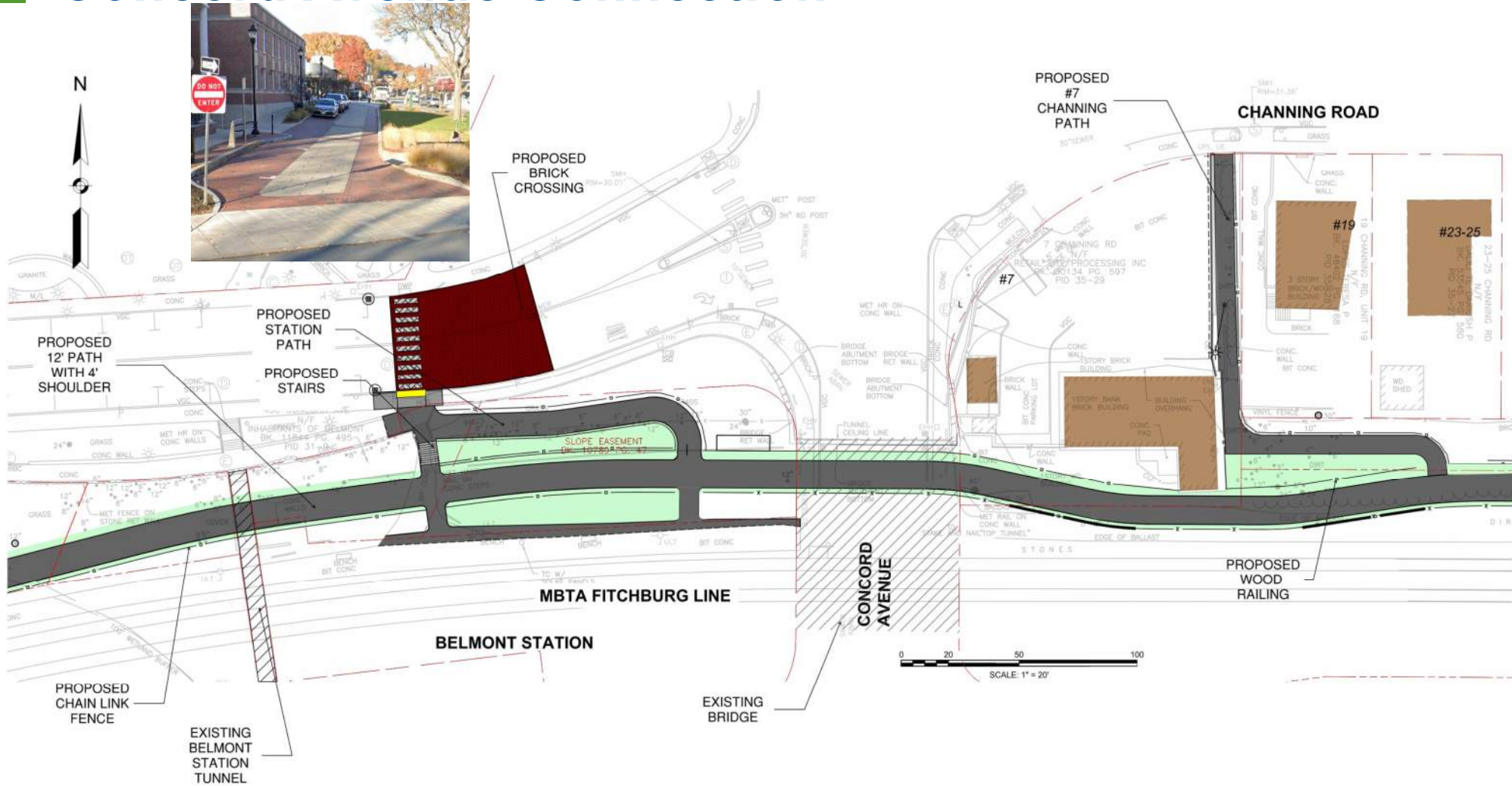
OVERVIEW SEGMENT 1

1"=50'-0"

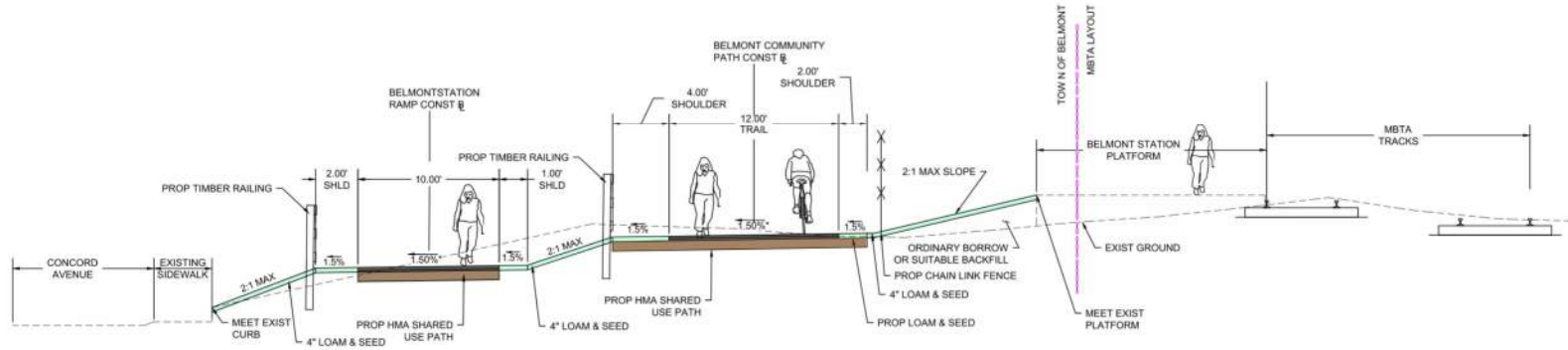
SCALE: 1"=50'



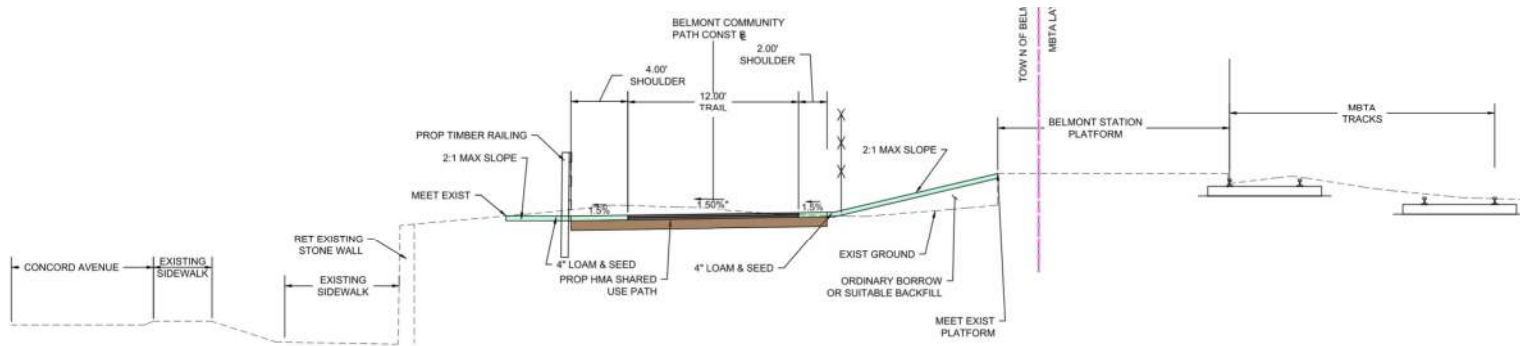
Concord Avenue Connection



Concord Avenue Connection at Belmont Station



BELMONT COMMUNITY PATH - BELMONT STATION

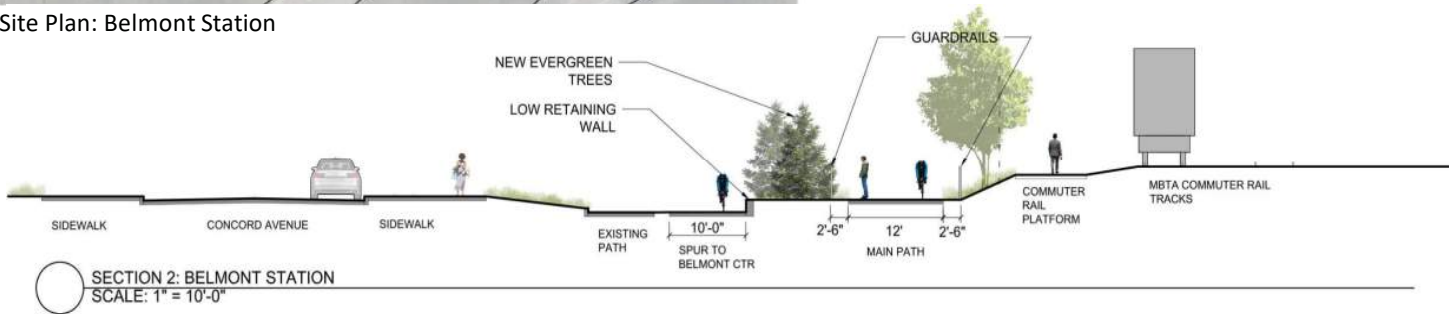


BELMONT COMMUNITY PATH - BELMONT STATION

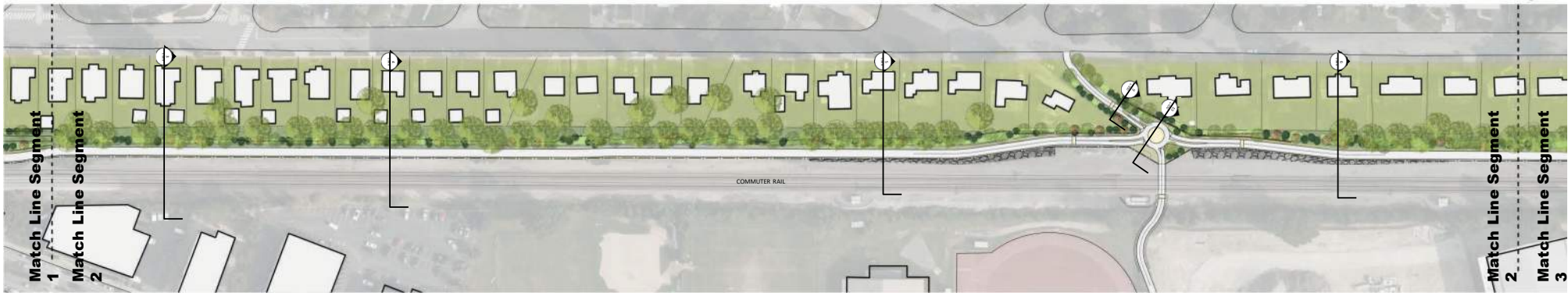
Concord Ave Connection at Belmont Station



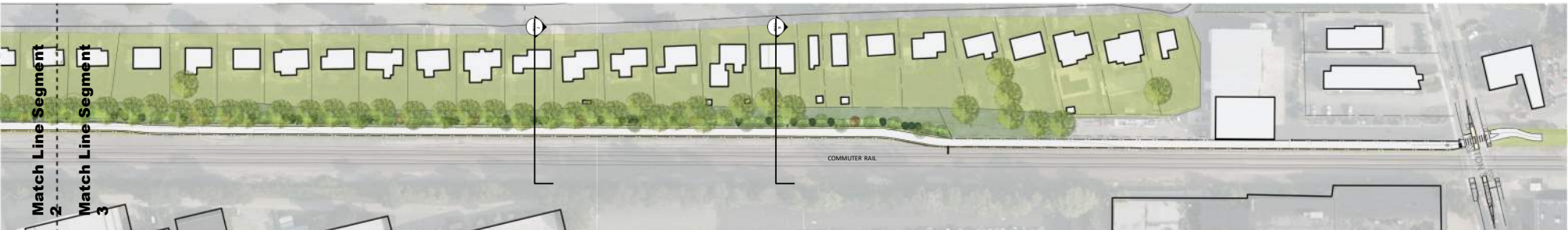
Site Plan: Belmont Station



Belmont Community Path - Overview Plans

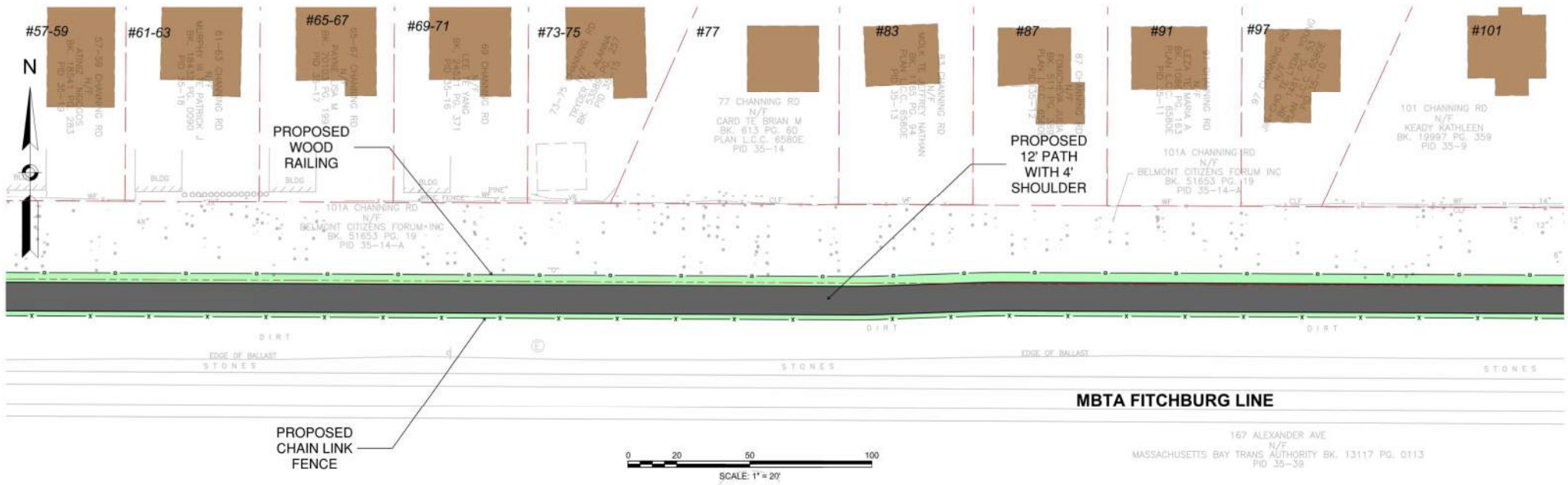


OVERVIEW SEGMENT 2

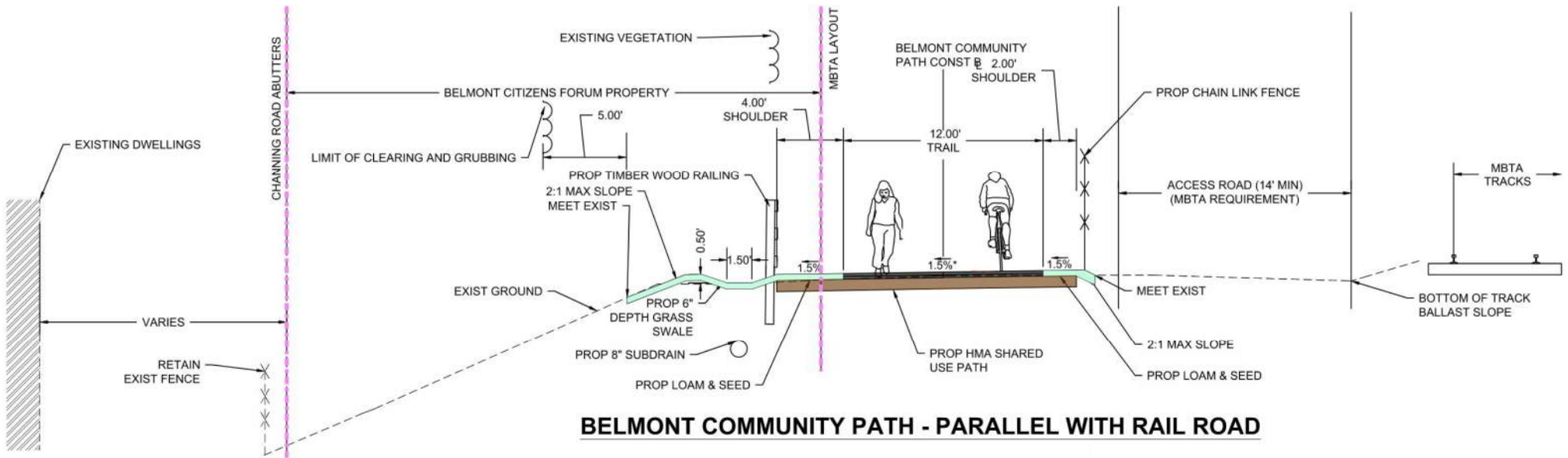


OVERVIEW SEGMENT 3

Path Segment Between Concord Ave and Brighton St



Typical Path Section Along Channing Road



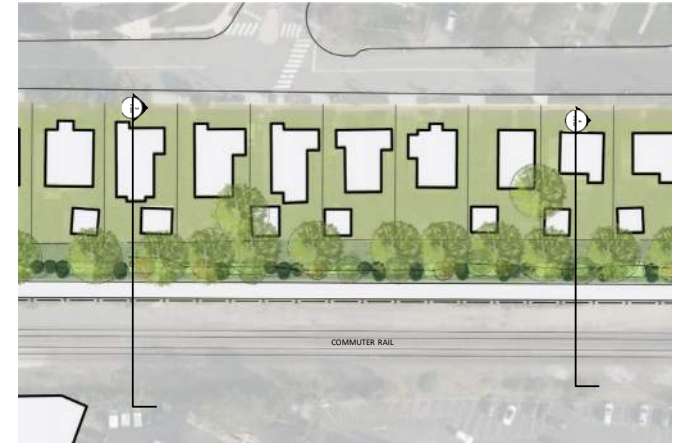
Belmont Community Path - 35 Channing Road



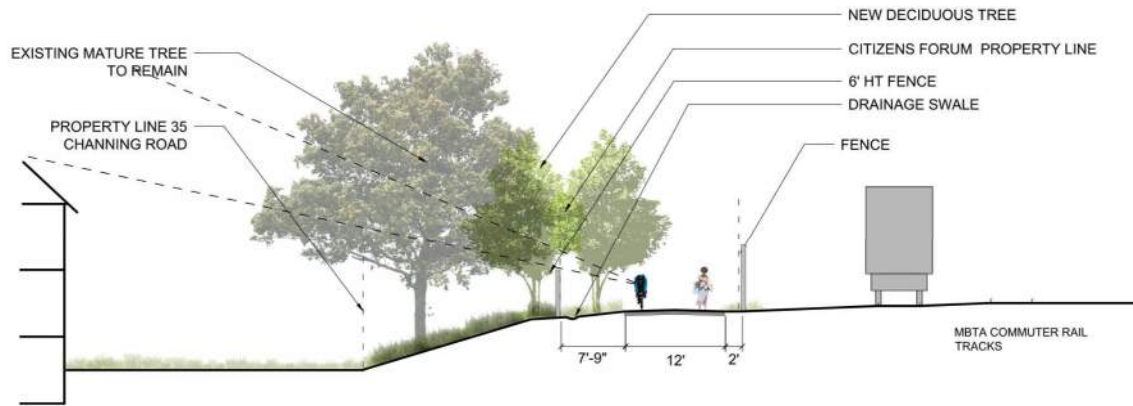
Existing Photo: 35 Channing Road



Proposed Conditions: 35 Channing Road



Site Plan: 35 Channing Road



SECTION 3: 35 CHANNING ROAD
SCALE: 1" = 10'-0"

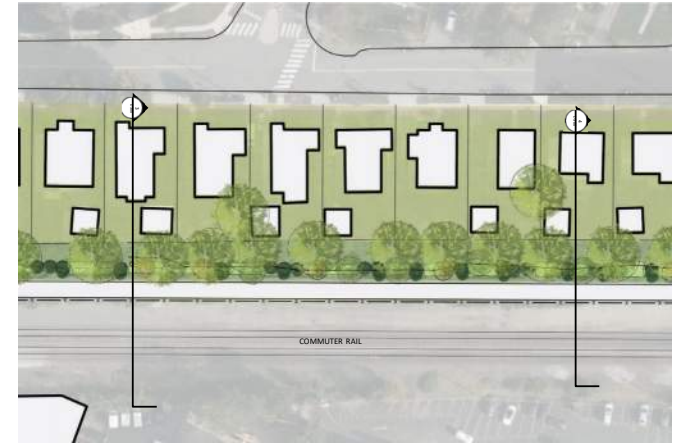
Belmont Community Path - 61 Channing Road



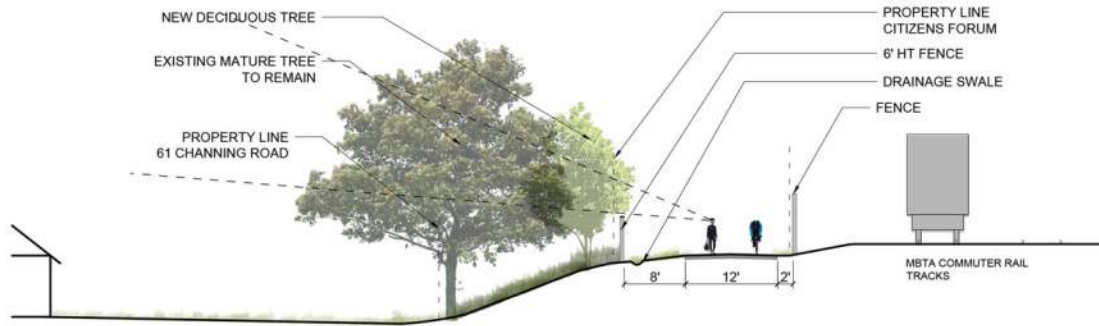
Existing Photo: 61 Channing Road



Proposed Conditions: 61 Channing Road



Site Plan: 61 Channing Road



SECTION 4: 61 CHANNING ROAD
SCALE: 1" = 10'-0"

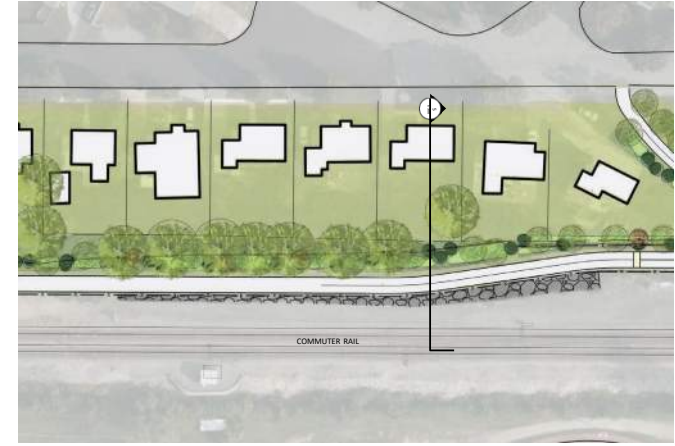
Belmont Community Path - 119 Channing Road



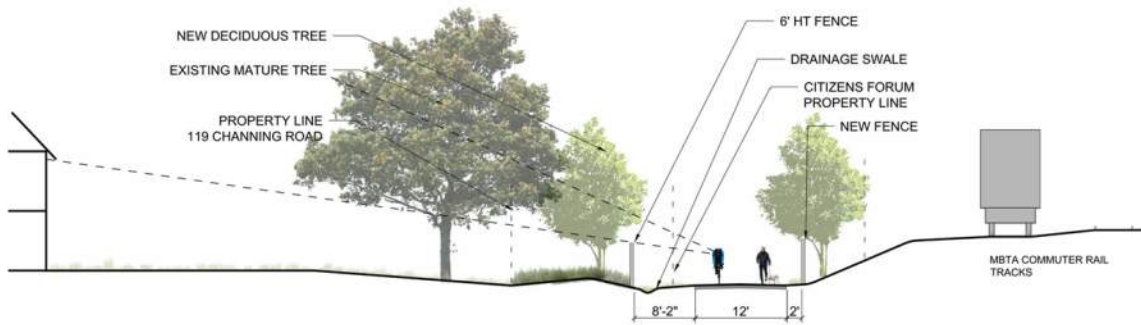
Existing Photo: 119 Channing Road



Proposed Conditions: 119 Channing Road

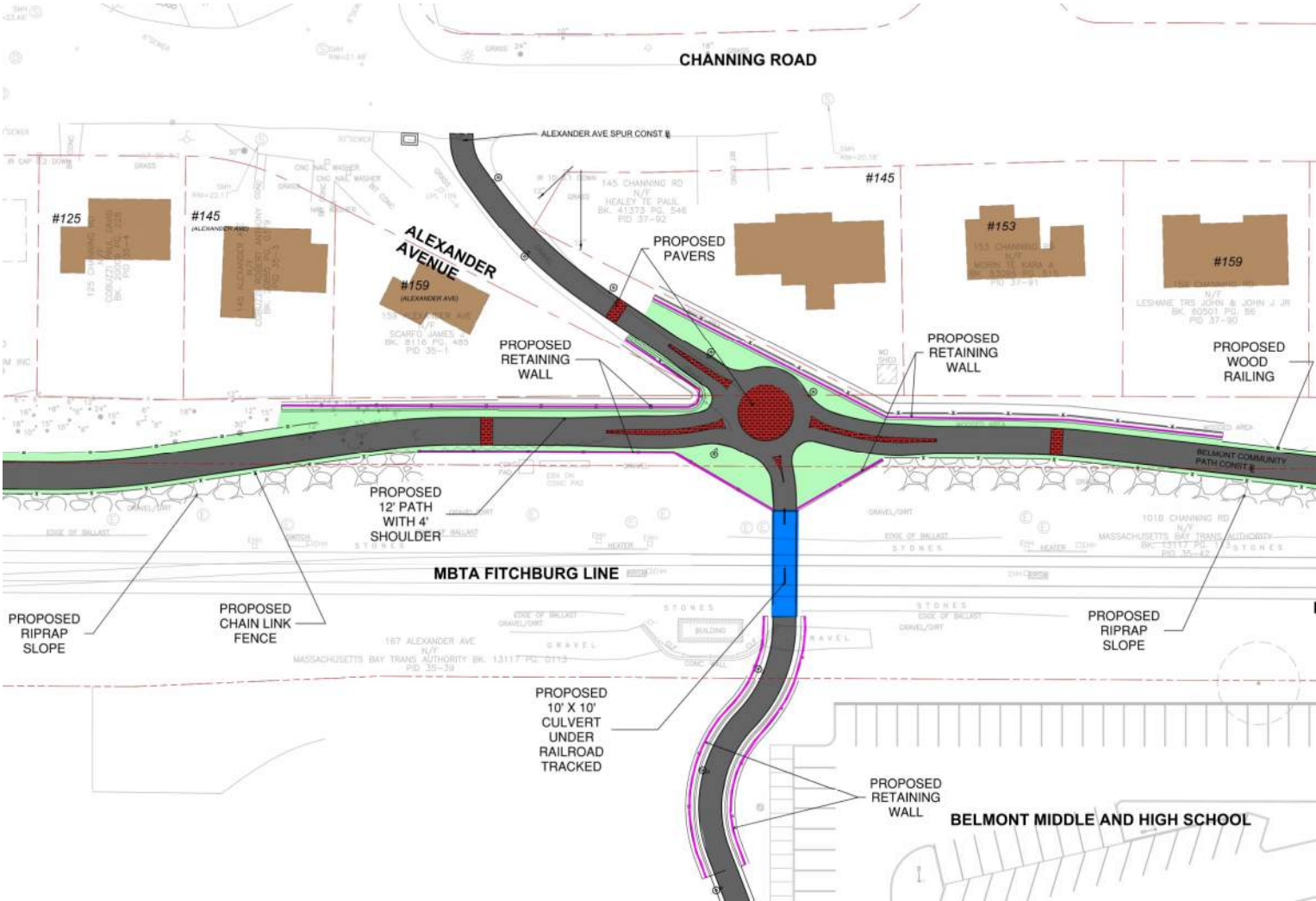


Site Plan: 119 Channing Road

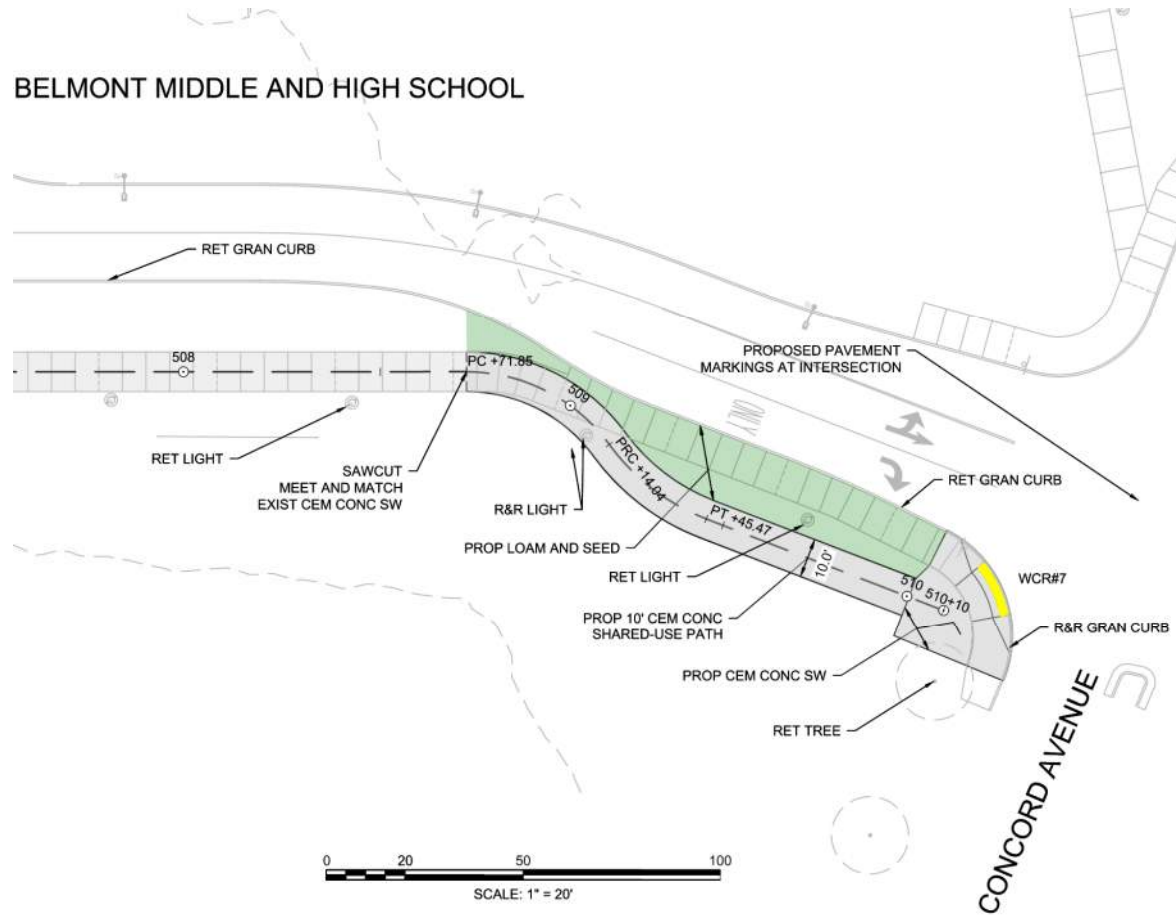


SECTION 5: 119 CHANNING ROAD
SCALE: 1" = 10'-0"

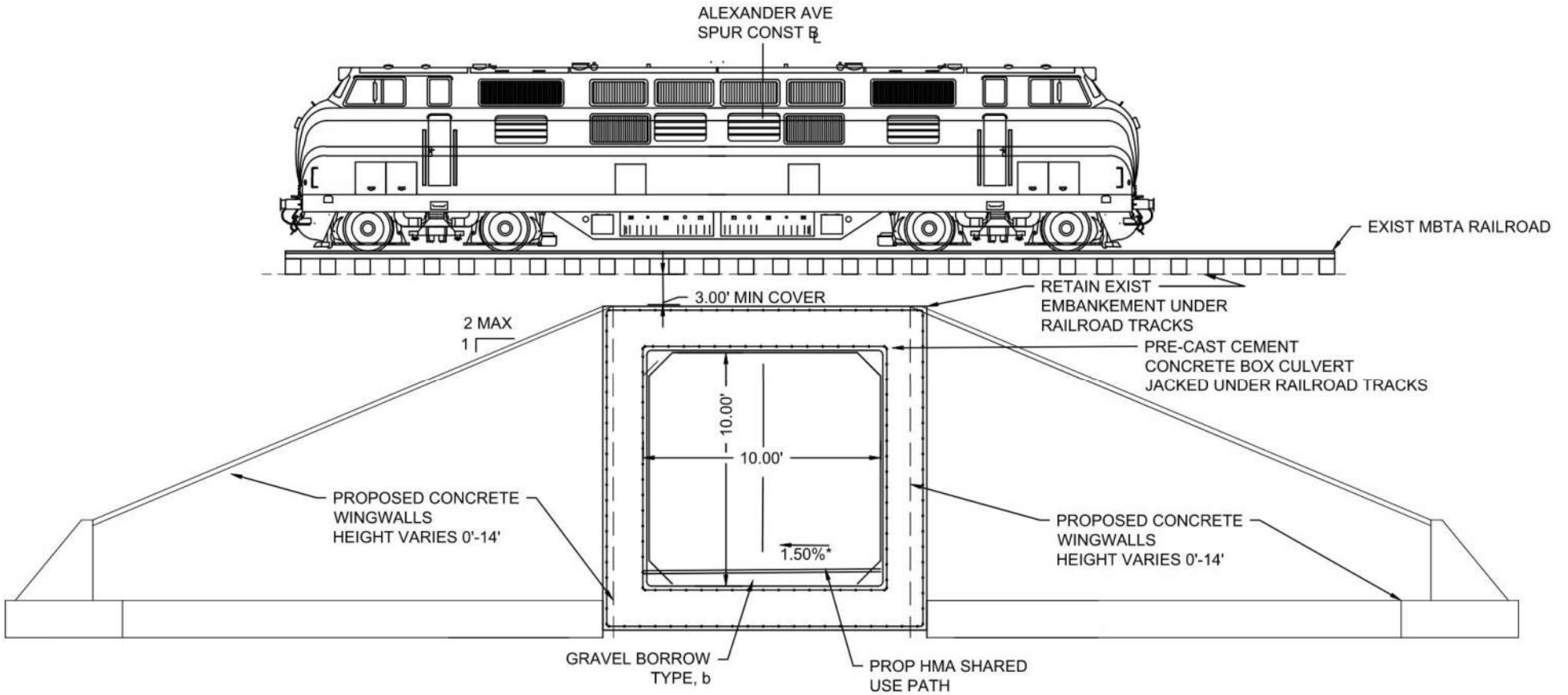
Alexander Avenue Underpass



Concord Ave Connection from Underpass

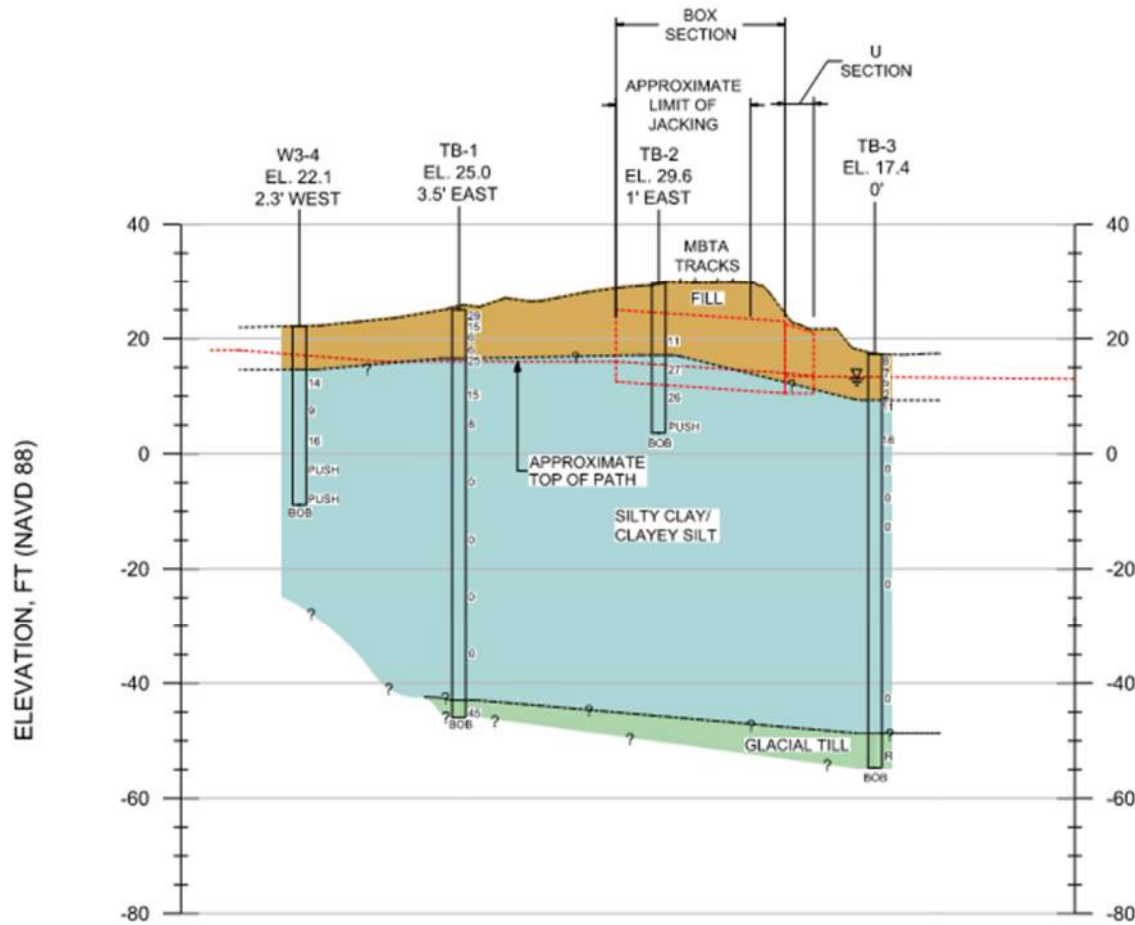


Alexander Avenue Underpass



ALEXANDER AVENUE SPUR - UNDERPASS SECTION

Alexander Avenue Underpass

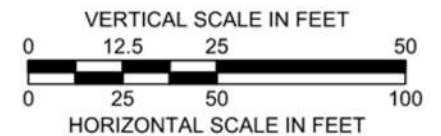


LEGEND

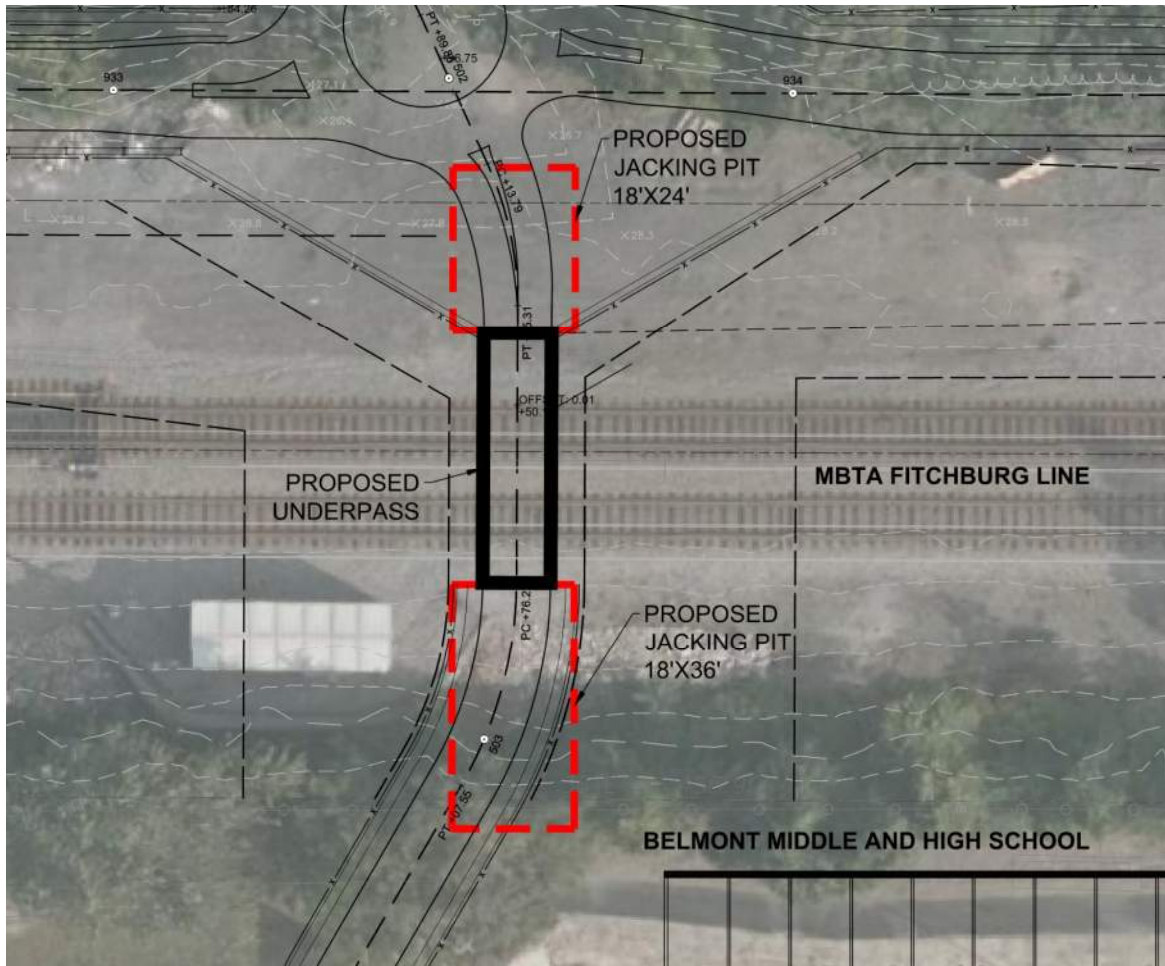
- TB-1 — BOREHOLE DESIGNATION
- EL. 25.24 — BOREHOLE SURFACE ELEVATION
- 3.6' NE — BOREHOLE DISTANCE AND DIRECTION FROM PROFILE LINE
- INDICATES MEASURED WATER LEVEL IN WELL, TB-3 AUGUST 14, 2020
- 11 — INDICATES STANDARD PENETRATION TEST (SPT) N-VALUE
- R — INDICATES SPT REFUSAL (N > 100)
- BOB — BOTTOM OF BORING

LITHOLOGY KEY

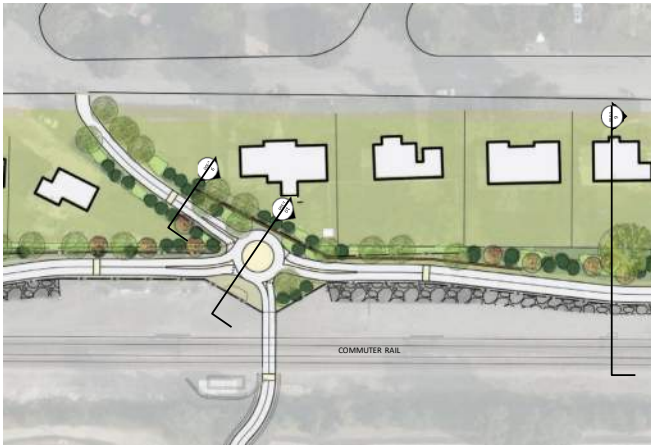
- FILL
- GLACIAL TILL
- SILTY CLAY/CLAYEY SILT



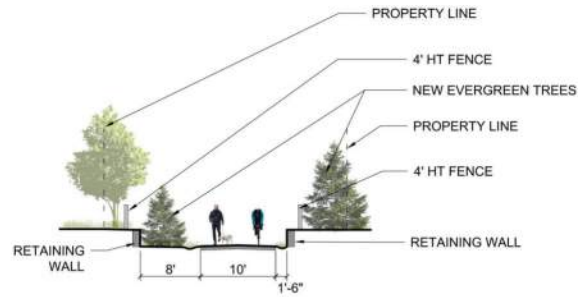
Underpass Construction



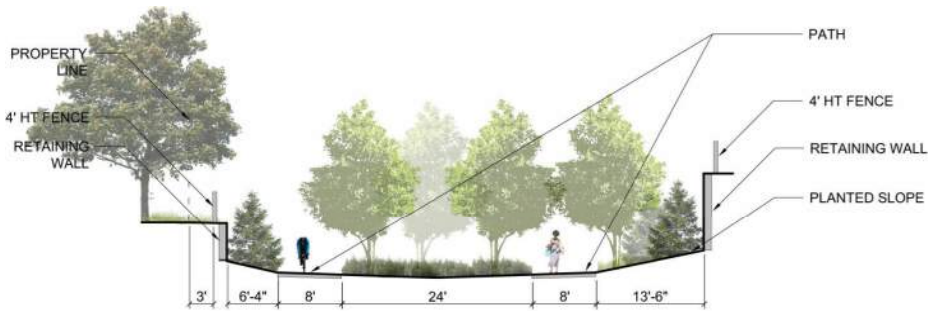
Belmont Community Path - Alexander Av. Underpass



Site Plan: Alexander Avenue Underpass



SECTION 9: ALEXANDER AVENUE CONNECTION
SCALE: 1" = 10'-0"

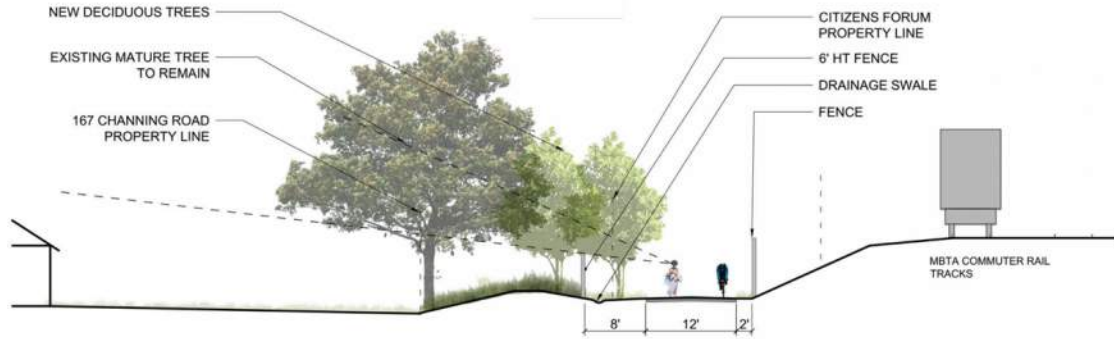


SECTION 10: ALEXANDER UNDERPASS AND COMMUNITY PATH JUNCTION
SCALE: 1" = 10'-0"

Belmont Community Path - 167 Channing Road



Site Plan: 167 Channing Road



SECTION 6: 167 CHANNING ROAD
SCALE: 1" = 10'-0"

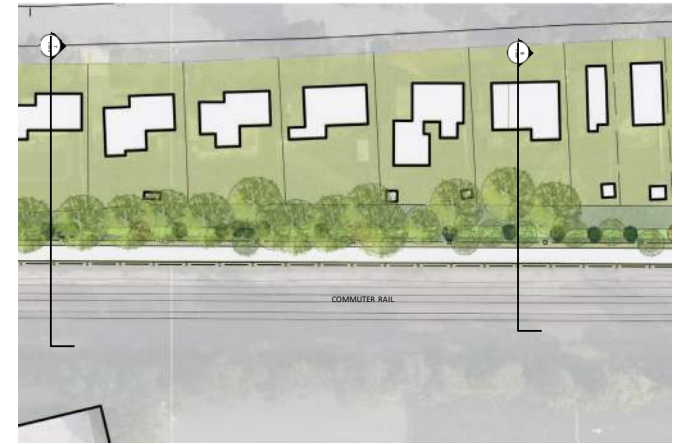
Belmont Community Path - 241 Channing Road



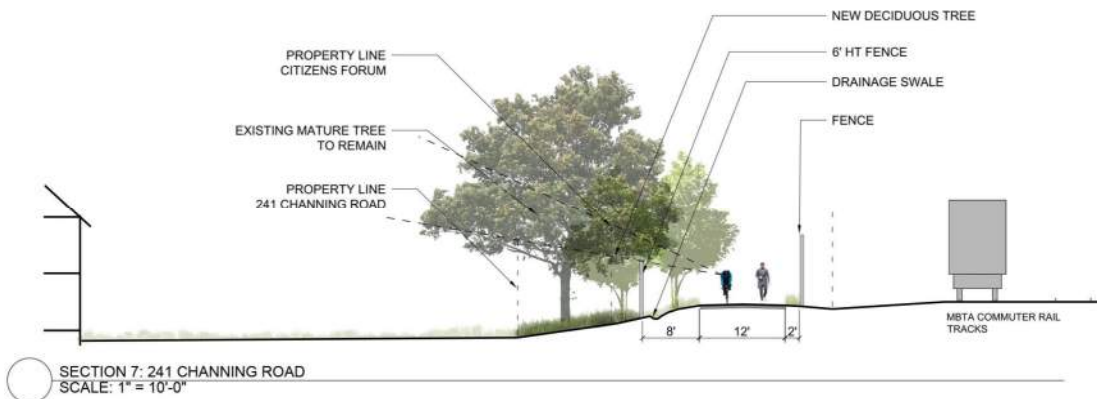
Existing Photo: 241 Channing Road



Proposed Conditions: 241 Channing Road



Site Plan: 241 Channing Road



SECTION 7: 241 CHANNING ROAD
SCALE: 1" = 10'-0"

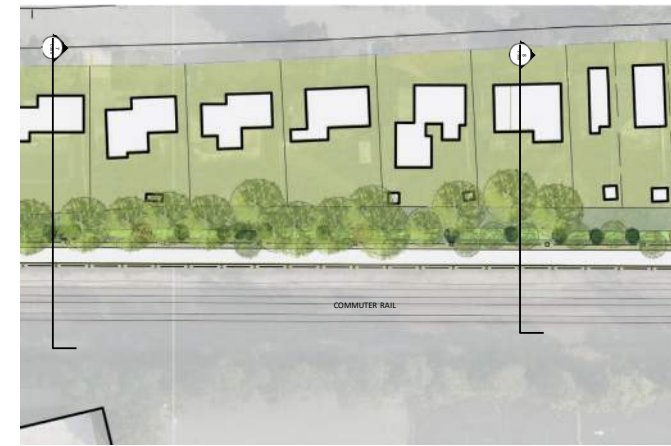
Belmont Community Path - 271 Channing Road



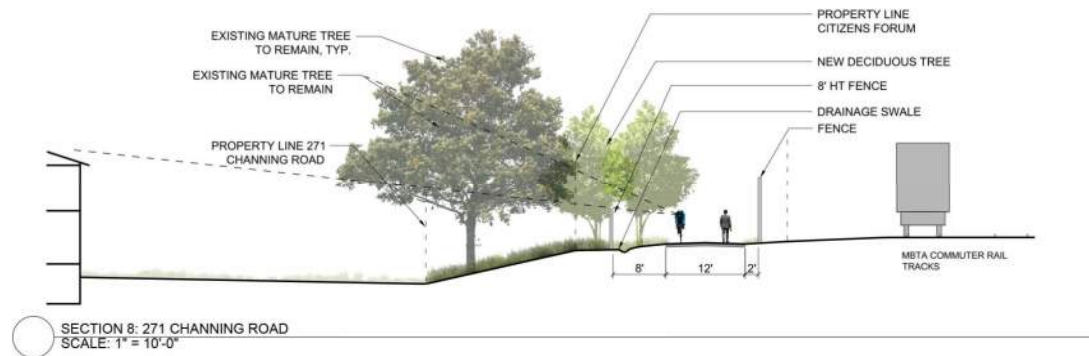
Existing Photo: 271 Channing Road



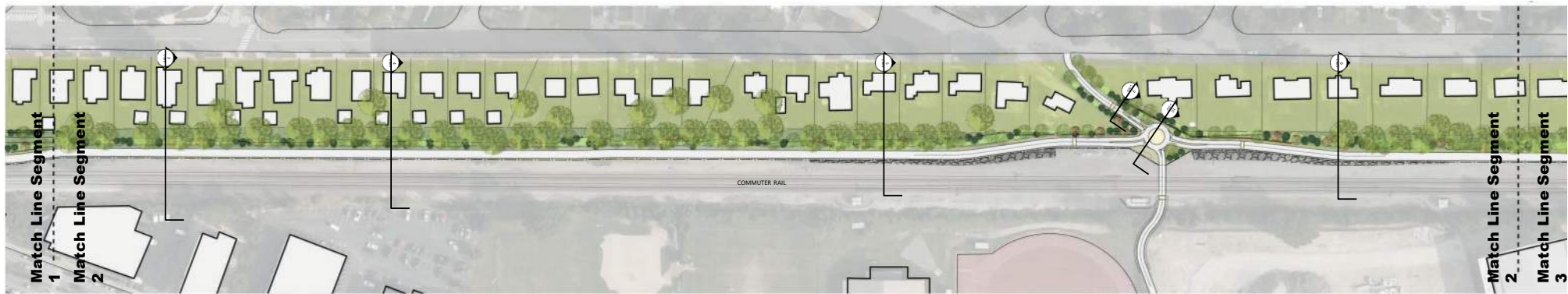
Proposed Conditions: 271 Channing Road



Site Plan: 271 Channing Road

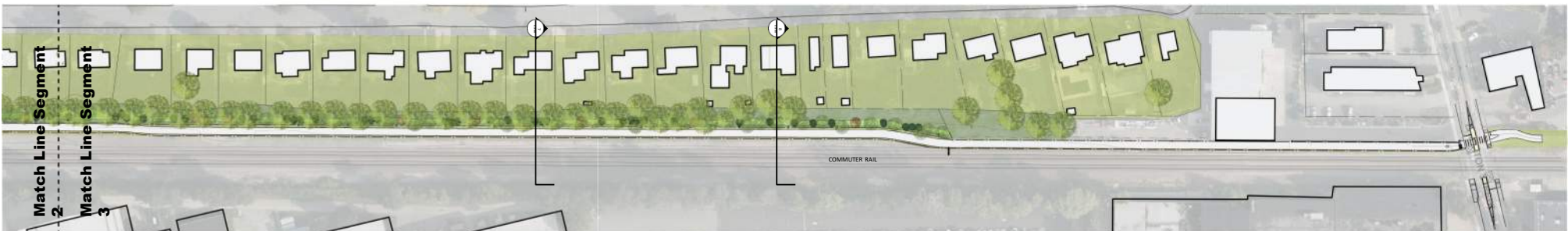


Belmont Community Path - Overview Plans



OVERVIEW SEGMENT 2

1"=50'

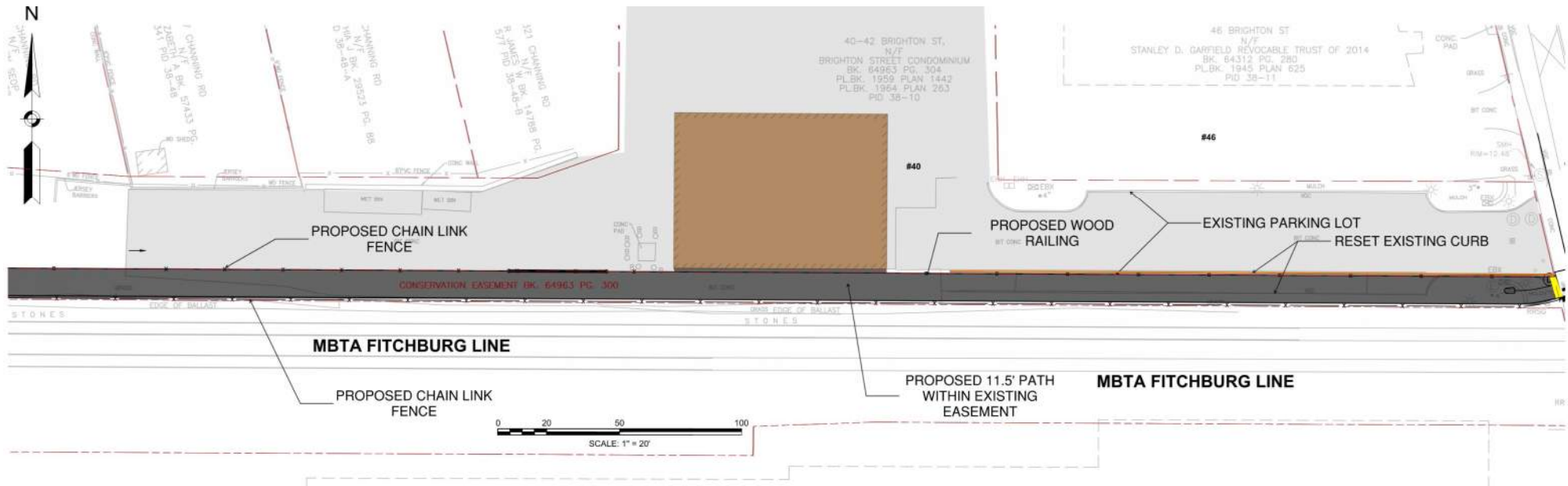


OVERVIEW SEGMENT 3

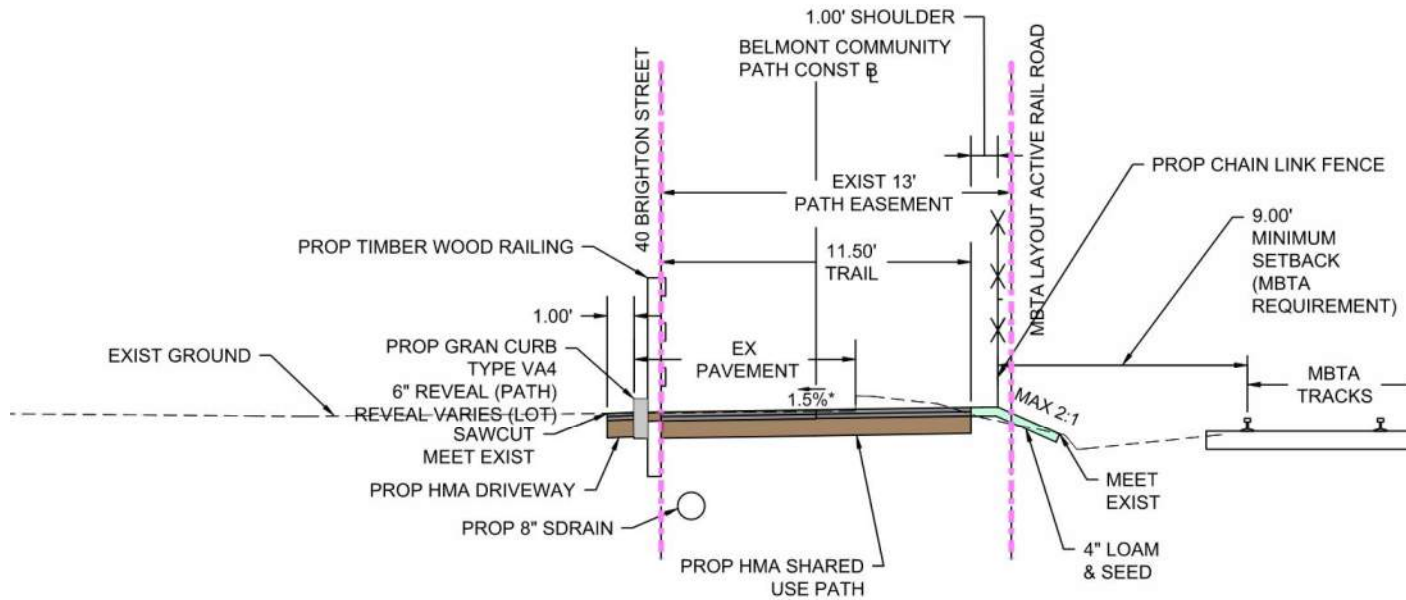
1"=50'



40-42 Brighton Street



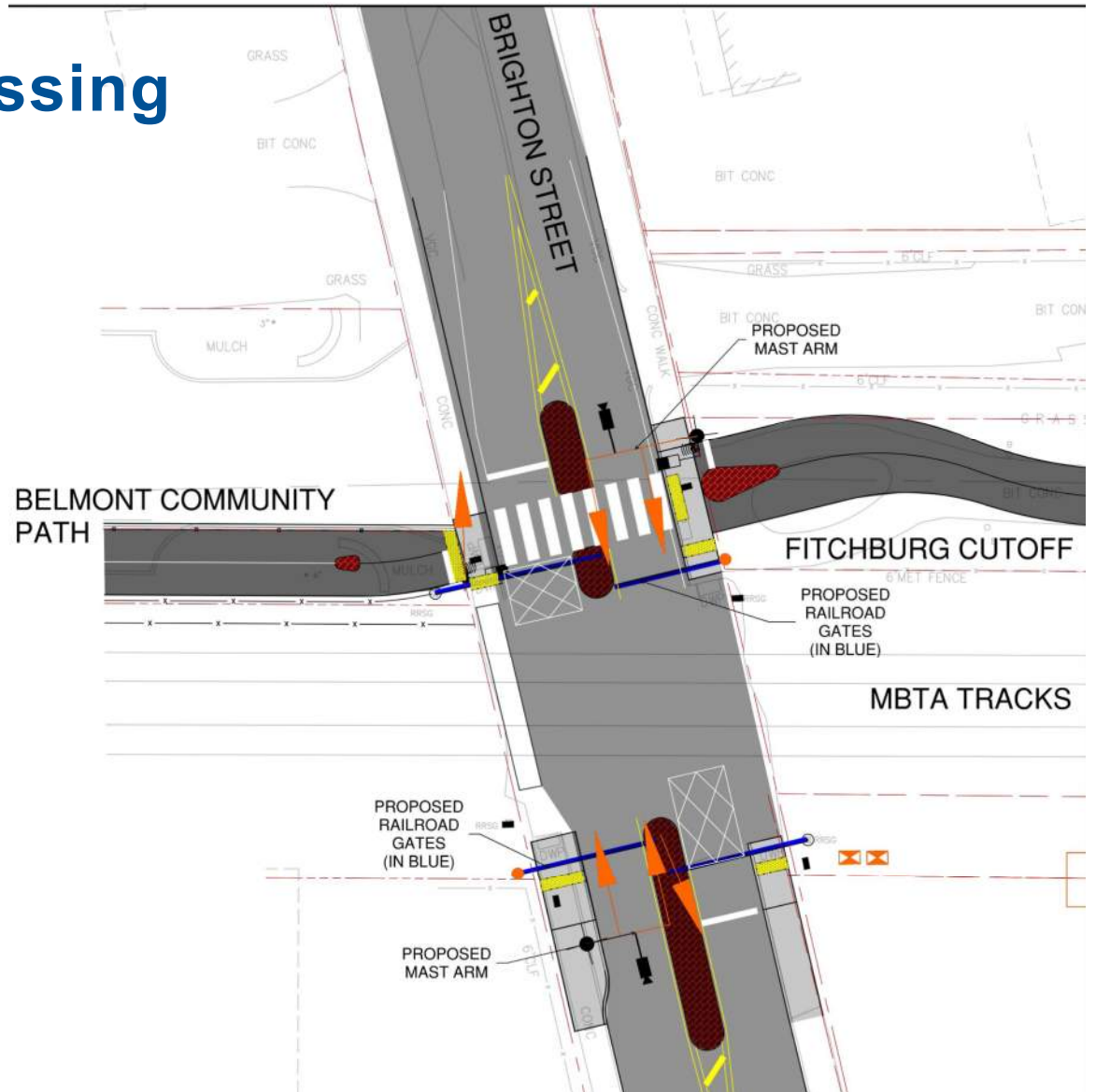
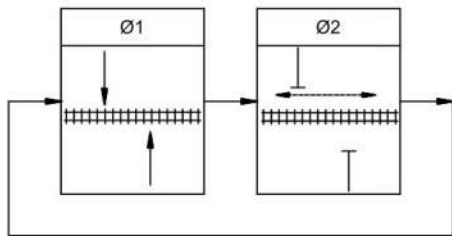
40-42 Brighton Street



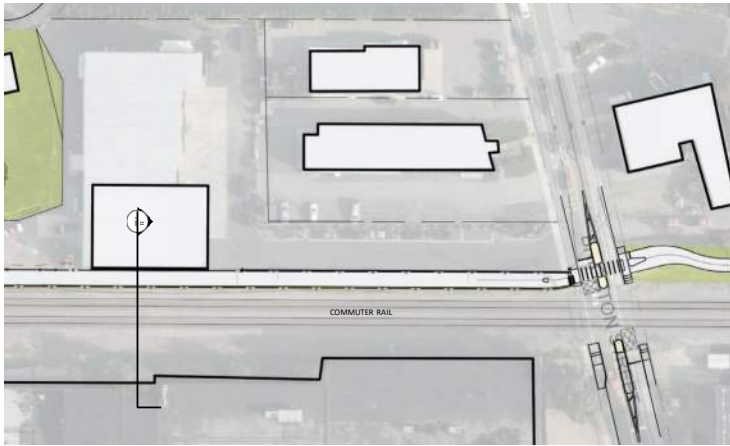
BELMONT COMMUNITY PATH - 40 BRIGHTON STREET ABUTTING PARKING

Brighton Street Crossing

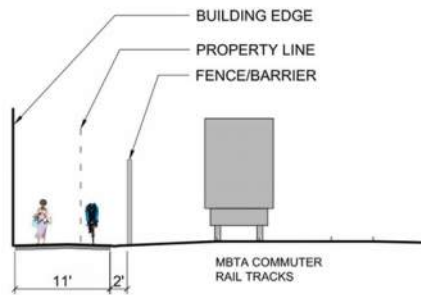
PREFERENTIAL PHASING SEQUENCE



Belmont Community Path - 40/42 Brighton Street



Site Plan: 40/42 Brighton Street



Existing Photo: 40/42 Brighton Street



Proposed Conditions: 40/42 Brighton Street

SECTION 11: 40/42 BRIGHTON ST.
SCALE: 1" = 10'-0"

Public Input – Opportunities – Path Materials

- Monuments
- Kiosks
- Pavers
- Cobbles
- Light Fixtures
- Considerations to historic context for material selections



Provide feedback at www.belmontcommunitypath.com

Public Input – Opportunities – Path Amenities

- Benches
- Bike Racks
- Trash Receptacles
- Trailhead signs
- Considerations to historic context



Provide feedback at www.belmontcommunitypath.com

Public Input – Opportunities – Path Amenities

- Bike Repair Stations
- Wayfinding signs
- Trailhead signs



Provide feedback at www.belmontcommunitypath.com

Public Input – Opportunities – Path Amenities

- Benches
 - Style
 - Material
 - Color



Provide feedback at www.belmontcommunitypath.com

Public Input – Opportunities - Screening

- Chain Link Fence
 - Slotted mesh
 - Shielding
- Timber Railing
- Planting Materials



Wood Timber Railing



Chain link fence with slots



Chain link fence with protective shield

Provide feedback at www.belmontcommunitypath.com

25% Design Summary

- 12-foot wide path with a 4-foot shoulder for walking/jogging and a 2-foot grassed shoulder
- Drainage swale and sub-drain along north side of path to intercept and collect stormwater runoff
- Underpass beneath railroad tracks at Alexander Avenue providing connection to Concord Avenue
 - Tunnel Jacking Method Required by MBTA
- Proposed lighting at Alexander Avenue underpass only
- Improved safety at Brighton Street crossing with new traffic signal
- Proposed landscaping and amenities along corridor
- Community Path Access Points:
 - Clark Street Bridge and Pleasant Street
 - Concord Avenue at Belmont Center
 - Chase Bank (7 Channing Road)
 - Channing Road via Alexander Avenue underpass at Middle/High School
 - Brighton Street
- 25% Estimated Construction Cost is about \$17 Million

Provide feedback at www.belmontcommunitypath.com

Project Schedule

Action Item	Scheduled Timeframe
25% Submission to MassDOT	November 3, 2021
MassDOT Review of 25% Submission	90 days
MassDOT Utility Coordination Field Meeting	March 2022
MassDOT 25% Design Public Hearing	April 2022
File Environmental Permit with Conservation Commission	April 2022
75% Submission to MassDOT	August 2022
MassDOT Review of 75% Submission	60 days
Town Begins ROW Process - Property Appraisals	October 2022
100% Submission to MassDOT	December 2022
Final Plans, Specifications and Estimates to MassDOT	Spring 2023

Questions/Comments

How to ask questions or provide comments:

- View and comment on the 25% Submission Plans on the project website at www.belmontcommunitypath.com
- Ask questions and provide comments during the 2nd portion of today's meeting (use the raise hand function if you would like to speak)
- Or email the Director of Community Development, Glenn Clancy, at gclancy@belmont-ma.gov
- The design team will also be available to meet in-person or virtually with individuals or groups to review the design and answer questions



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