Agenda

1. CPPC Introduction
2. Project Update
3. Presentation of PROGRESS 25% Design Plans
4. Next steps for the project
5. Opportunities to provide feedback
Project Area

A 1% storm event (~2070)
Progress Report:

- Feasibility Study for the Belmont Community Path submitted to the Town and CPAC in November 2017
- Project accepted by MassDOT in July 2018
- Conceptual Design Report (CDR) submitted to Town, MassDOT and MBTA on February 6, 2020
- Meeting with MBTA and MassDOT on March 9, 2020
- Boring Plans Prepared for Underpass and Retaining Walls and submitted to MBTA
- Borings for Underpass Completed
- Borings for Retaining Walls on MBTA Property – Waiting for MBTA Access Permit
- Anticipated 25% Design Submission to MassDOT - Summer/Fall 2020
## Project Update: Design Schedule

<table>
<thead>
<tr>
<th>Design Task</th>
<th>Scheduled Timeframe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concept Design Report (Reviewed by MassDOT &amp; MBTA)</td>
<td>February 6, 2020</td>
</tr>
<tr>
<td>Public Information Meeting &amp; Input</td>
<td>July 16, 2020</td>
</tr>
<tr>
<td>Submit 25% Design to MassDOT</td>
<td>Summer/Fall 2020</td>
</tr>
<tr>
<td>MassDOT Review of 25% Design</td>
<td>Fall/Winter 2020</td>
</tr>
<tr>
<td>Design Public Hearing</td>
<td>Winter 2020</td>
</tr>
<tr>
<td>75% Design Submission</td>
<td>Spring 2021</td>
</tr>
<tr>
<td>100% Design Submission</td>
<td>Fall 2021</td>
</tr>
<tr>
<td>Ready to Advertise for Construction</td>
<td>Winter 2021</td>
</tr>
<tr>
<td>Anticipated Construction Start</td>
<td>TBD*</td>
</tr>
</tbody>
</table>

*Construction Start dependent on MPO Funding availability
### Project Update: Stakeholder Meetings

<table>
<thead>
<tr>
<th>Stakeholder Meetings (until March)</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belmont Historic District Commission</td>
<td>11/7/2019</td>
</tr>
<tr>
<td>Belmont Middle and High School Building Committee</td>
<td>11/7/2019</td>
</tr>
<tr>
<td>Historic Commission</td>
<td>11/7/2019</td>
</tr>
<tr>
<td>Channing Road Neighborhood/Abutter Site Walk</td>
<td>11/16/2019</td>
</tr>
<tr>
<td>Belmont Department of Public Works</td>
<td>11/18/2019</td>
</tr>
<tr>
<td>Belmont Fire Department</td>
<td>11/18/2019</td>
</tr>
<tr>
<td>Belmont Middle and High School Building Committee</td>
<td>11/19/2019</td>
</tr>
<tr>
<td>Belmont High School and School Committee</td>
<td>11/20/2019</td>
</tr>
<tr>
<td>MBTA / MDOT meeting</td>
<td>3/9/2020</td>
</tr>
</tbody>
</table>
Project Update: Public Engagement/Outreach

Engagement Means (& opportunities for feedback):

• Project Website Updates (www.belmontcommunitypath.com)
• Comment on designs & provide feedback via survey
• Public Meetings (today & MassDOT Design Public Hearing in the fall)
• Abutter Site Walk
• Call for Art
Opportunities to engage today and in the future

There are several means to provide feedback today and over the next few weeks:

- View and comment on the 25% Progress Plans on the project website at www.belmontcommunitypath.com

- Provide comments during the 2nd portion of today’s meeting (raise hand if you want to speak)

- Respond to survey open until 07/31 available at www.belmontcommunitypath.com

- Student group involvement to discuss the Path

- Get creative in the Call for Art!
Opportunity to Engage: Call For Art

The Belmont Community Path Project Committee is seeking artwork for a project logo to be used on various materials throughout the project. All entries will be acknowledged on the path project website. Students are encouraged to submit art - individuals or groups! What’s your vision?!

When can I submit artwork?

Can I submit something I have already made?

Yes! An existing artwork – photo, design, painting, drawing, or collage – that you think connects to the project, please submit! Be sure your digital submission is a good representation of the original work and keep the original artwork available, in the event that it is selected.

Example of earlier logo, CPAC 2012

How to submit?

1) Complete this form: https://forms.gle/sae4peu5WzZ3czkn8
2) And email an image of your work to: pathcommittee@bmail.com

Questions about Phase 1a and 1b of the Community Path?

Go to https://belmontcommunitypath.com/

Deadline Extended!
Submissions will be accepted in an ongoing manner

The community path will close the gap between Waltham and Cambridge. (photo courtesy of Nitsch Engineering)
What we heard: Abutter Site Walk on 11/16/19

Goals / Purpose:
• Learn about concerns and discuss opportunities to meet needs (within project scope)

• Engage abutters by discussing design opportunities, such as:
  o materials and screening etc. used in backyards;
  o drainage solutions
  o potential connections to path and specific destinations in town
# What we heard: Abutters & Students

<table>
<thead>
<tr>
<th>Abutter Concerns</th>
<th>Potential Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Privacy</td>
<td>Vegetation and/or screening</td>
</tr>
<tr>
<td>Security</td>
<td>Vegetation and/or Screening</td>
</tr>
<tr>
<td>Noise</td>
<td>Vegetation (preserve current trees)</td>
</tr>
<tr>
<td>Drainage Issues</td>
<td>To be addressed during 25% design</td>
</tr>
<tr>
<td>Parking at Alexander Ave Underpass</td>
<td>Prohibit parking near underpass</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Student Concerns / Comments</th>
<th>Potential Solutions / Next Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Different levels of skilled ridership and</td>
<td>Awareness &amp; Education</td>
</tr>
<tr>
<td>users of the Path</td>
<td></td>
</tr>
<tr>
<td>Opportunity to install art i.e. at</td>
<td>Student Group to create design contest or similar</td>
</tr>
<tr>
<td>proposed Alexander Ave Underpass</td>
<td></td>
</tr>
</tbody>
</table>
### Feedback on 25% Progress Designs

#### Widening of Path (6)
- Widen path around sharp turns to help cyclists maneuver safely
- Preferred width of 16'

#### Traffic & Safety (4)
- Traffic impacting school drop-offs and pick-ups at the underpass
- Slowing down fast cyclists on the narrow portions of path to protect young children?
- Does Alexander Ave allow access for emergency or maintenance vehicles and can it?
- Concerns about how additional crossings will impact traffic in Belmont Center

#### Privacy, Screening, & Lighting (5)
- Issues with large artificial barriers & chain link fences
- Very Important for abutters to be adequately screened with vegetation
- Apprehensions regarding bright lights in backyards
- Harsh barrier along parking of 40 Belmont, and desires something softer

#### Concord Ave Connection (4)
- Major concerns about sharp turns at connection with Concord Ave
- Nervous that the path will end up on this road instead of adjacent to the rail

#### Clark St & Spur (4)
- Potential for crashes at intersection of the Path and Clark Street due to the 4.5% slope with a sharp turn at the bottom
- Suggestions to straighten the curve
- Questions about ADA accessibility and snow removal

#### Brighton St Intersection (2)
- Safety at the intersection
- Considerations for an overpass instead

#### Parks & Landscape (2)
- Disappointment over lack of park-like landscapes as shown in concept sketches
- Hoped that route would use and connect town parks as a welcoming and scenic route

#### Miscellaneous Concerns (4)
- Distress about the lack of abutters as representation on the committee of stakeholders
- Strong desire for personal path access
- Snow/drainage concerns

A total of 37 respondents commented (07/13/20).
A total of 170 (Q 3) and 169 (Q 5) respondents answered this question (07/14/20); multiple choices given.
Question 7: Thoughts on multi-usage

We aim to provide an inclusive and accessible user experience of the path for all. Do you have any additional thoughts or suggestions on the way the path may be utilized by different groups of users in our community? Feel free to make this personal to you! What would make the Belmont Community Path more welcoming and encouraging to use.

A total of 85 respondents commented (07/14/20).
Belmont Community Path – Survey Responses

Question 8
Please list any other comments you would like to provide.

A total of 75 respondents commented (07/14/20).
Clark Street / Pleasant Street Connection
Belmont Community Path – Clark Street Connector

Plan: Clark Street Connector Area

SECTION 1: 721 PLEASANT STREET
SCALE: 1" = 10'-0"
Concord Ave Connection at Belmont Station
Concord Ave Connection at Belmont Station
Belmont Community Path – Belmont MBTA Station
Concord Ave Bridge and #7 Channing Road
Concept Study for Path Connections on East Side of Bridge

West side of #7 Channing Road
- Connecting path would have 9% slope
  - Slope is greater than 5% maximum allowed by ADA
- Remove parking stalls
- Reduced parking lot
- Limited access to ATM
- Additional retaining walls required
Concept Study for Path Connections on East Side of Bridge

East side of #7 Channing Road
- Pedestrian connection
- Slope is greater than 5% maximum allowed by ADA
- Non-compliant ADA path & impacts to #19 Channing Road
Belmont Community Path – 61 Channing Road

Existing Photo: 61 Channing Road

Proposed Conditions: 61 Channing Road

Site Plan: 61 Channing Road

SECTION A: 61 CHANNING ROAD
SCALE: 1" = 10'-0"
Belmont Community Path – Alexander Avenue 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"
Underpass Approach from Channing Road

- Proposed walls 5 feet from property lines
- Wall heights vary up to 5 feet
-9 foot minimum height
-3 foot minimum cover under railroad tracks
-Underpass Lighting
Alexander Avenue Underpass

LEGEND

TB-1
BOREHOLE DESIGNATION

INDICATES WATER LEVEL MEASURED IN BOREHOLE

INDICATES STANDARD PENETRATION TEST (SPT) N-VALUE

INDICATES REFUSAL

LITHOLOGY KEY

FILL
TILL
SILTY CLAY (STIFF)
SILTY CLAY (SOFT)
GLACIAL TILL

PROFILE A-A'

VERTICAL SCALE IN FEET

HORIZONTAL SCALE IN FEET
Underpass Construction
Belmont Community Path – 167 Channing Road

Site Plan: 167 Channing Road

NEW DECIDUOUS TREES
EXISTING MATURE TREE TO REMAIN
167 CHANNING ROAD PROPERTY LINE

CITIZENS FORUM PROPERTY LINE
6' HT FENCE
DRAINAGE SWALE
FENCE

MBTA COMMUTER RAIL TRACKS

SECTION 6: 167 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 – 40/42 Brighton Street

Site Plan: 40/42 Brighton Street

Existing Photo: 40/42 Brighton Street

Proposed Conditions: 40/42 Brighton Street
40-42 Brighton Street
Belmont Station/Clark Street Spur – Drainage
Alexander Avenue Underpass – Drainage
Brighton Street – Vertical Barrier

Chain link fence with protective shield

Pre-fabricated wall – Fiberglass panels
Project Scope

- 12-foot wide path conforming to ADA, FHWA, and MassDOT Requirements for shared use paths
  - 4-foot shoulder along north side
  - Drainage swale and sub-drain

- Underpass crossing railroad tracks providing connection to Concord Ave
  - Jacking operation ~3 weeks duration + 2 weeks of prep
  - ~$4M including jacking pits and underpass structure

- Underpass lighting

- Improved safety at Brighton Street with new signal & gates

- Improved landscape and screening along corridor

- Landscaped Trailheads
  - Accessible connections to Pleasant Street, & Belmont Station

- Proposed Easements & coordination with MBTA/MassDOT

- Project Cost Estimated at ~$20M
## Next steps

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Scheduled Timeframe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Review Public Comments</td>
<td>July 2020</td>
</tr>
<tr>
<td>Complete Soil Borings for Retaining Walls</td>
<td>2-3 Weeks</td>
</tr>
<tr>
<td>Submit 25 % Design to MassDOT</td>
<td>Summer/Fall 2020</td>
</tr>
<tr>
<td>MassDOT Review of 25% Design</td>
<td>Fall/Winter 2020</td>
</tr>
<tr>
<td>Design Public Hearing</td>
<td>Winter 2020</td>
</tr>
</tbody>
</table>
Questions/Comments

- If you want to speak during the meeting, please raise your hand and you will be permitted to ask your question or make a comment.

- Preferred means to provide comments:
  - Please submit comments on the project website at www.belmontcommunitypath.com
  - We invite you to take our preliminary design survey on the project website at www.belmontcommunitypath.com
  - Survey will be open until 7/31.

Stay informed: Sign up for blog updates and announcements:
www.Belmontcommunitypath.com –> subscribe for updates