Meeting Agenda

1. Zoom meeting protocols
2. MXD Substation Bike Valet
3. Public Comment
4. City Updates
5. Grand Junction Path
6. Development Projects
7. Public Comment
8. Other Updates and Announcements
Committee Member Instructions

• Committee members may speak and show webcam video

• Use "Raise Hand" button to help manage discussion
  • Located at the bottom of the Participants panel (See A1-2 below) OR at the bottom of the screen (see B below)
  • *9 to Raise Hand by phone

• Please stay muted unless speaking
  • *6 to mute/unmute by phone
Public Comment Instructions

• Members of the public are muted and cannot show webcam video
• Public can write questions or ask for assistance in Q&A window at any time
  • Questions may be submitted at any time and will be addressed as time allows, during discussion/comment periods
• During the Public Comment period, use the "Raise Hand" button to signal you have a question/comment. A staff member will then enable you to unmute yourself and you will have 3 minutes to speak.
  • *9 to Raise Hand by phone
  • *6 to Mute/Unmute by phone
• Please be respectful! Participants will be removed for inappropriate behavior
Joint Committee Minutes
Public comment
Public Comment Instructions

• Use the "Raise Hand" button to signal you have a question/comment. A staff member will then enable you to unmute yourself.
  • *9 to Raise Hand by phone
  • *6 to Mute/Unmute by phone
• Questions can also be submitted using the Q&A button.
MXD Substation Bike Valet Proposal
MXD Substation Proposal

Bicycle & Pedestrian Committee Meeting
2021 07 14
Outline

[1] Project background

[2] Introductions + proposed bicycle parking plan

[3] Discussion
Blue Garage

- Within the Kendall Square Urban Renewal Plan area
- Built in 1990
- Capacity for 1,136 cars and 100 bikes
- Served by two access roadways
Project background
Project background

• Commercial buildings not fully developed at this stage

• Nonetheless, scarcity of ground floor space evident in concept

• Retail/bicycle parking competing for same space

• Phased delivery between west and east buildings

*zoning required: approximately 688 LT / 101 ST
## Project background

- Automobile parking similarly constrained on this site
- Mode shift away from SOVs expected over medium to long term
- Consonance with City bicycle plan goals sought

### GOALS

1. Make a significant shift towards bicycling as a sustainable transportation mode
2. Create a transportation system that is safe for users of all ages and abilities
3. Innovate and be an early adopter of best practices in bicycle infrastructure
Team introduction: Go By Bike

- Operator of largest bike valet in North America (9 years)
- 500,000 bicycles parked and returned
- Portland, OR location includes bike shop, bike share, and valet
Team introduction: Bikes Not Bombs

- Bikes Not Bombs reclaims thousands of bicycles each year, creates local and global programs that provide skill development, jobs, and sustainable transportation.

- Youth Pathways: As youth progress through our Bike School to paid Apprenticeships they build critical thinking skills, engage in hands-on vocational training, cultivate leadership skills, and grow a commitment to environmental and social justice.

- International Programs: Youth, staff, and volunteers help ship thousands donated bikes to locally owned organizations in Latin America, Africa, and the Caribbean, each of whom addresses the core social justice and environmental issues unique to their communities.

- Bike Shop and Vocational Training Center: Adult and youth mechanics refurbish bikes for sale at our Bike Shop, providing critical vocation training for youth and sustainable, affordable transportation to local community members.
Proposed bicycle parking plan

- Build out a centralized bicycle valet facility (expected to be largest in North America at completion with approximately 600 spaces)

- Offer valet services from 0600 – 2200, seven days per week while leveraging higher density parking solutions

- Complement with ~20 traditional LT spaces within residential building, ST spaces outside each building (x12 each)

*All parking quantity estimates subject to change*
Proposed bicycle parking plan

*Data from CRA Kendall Square Mobility Report (2019)*
Proposed bicycle parking plan

[1] Boosts parking capacity by between 50%-60% relative to “traditional” racks

[2] Superior service and security for cyclists

[3] Centralized facilities and pooled capacity

[4] Potential for complementary bike shop retail use

[5] Operational flexibility/capacity for experimentation highly valued and sought here
Discussion
Appendix
Project overview

07 April 2020 – ECPT Meeting [Project Introduction]
15 April 2020 – CRA Board Meeting [Project Introduction]
21 April 2020 – Linden Park Neighbors [Project Overview]
20 May 2020 – CRA Board Meeting [Preliminary Zoning Changes]
17 June 2020 – CRA Board Meeting [Draft MXD Zoning Petition]
25 June 2020 – Virtual Open House [Masterplan Development]
01 July 2020 – Zoom Open Office Hours [Q&A]
15 July 2020 – CRA Board Meeting [Draft KSURP Amendment]
22 July 2020 – ECPT Meeting [Eversource Update]
04 August 2020 – ECBA Meeting [Project Overview]
19 August 2020 – Linden Park Neighbors [Project Update]
02 September 2020 – Kendall Square Association [Project Update]
03 September 2020 – Kendall Residents Association [Project Update]
16 September 2020 – CRA Board Meeting [Vote on Zoning Petition]
11 November 2020 – CRA/CDD Design Review Committee [Project Update]
12 November 2020 – Cambridge Planning Board Meeting [Zoning Petition Review]
19 November 2020 – Cambridge Ordinance Committee [Zoning Petition Review]
05 January 2021 – Cambridge City Council [Review & Q&A]
27 January 2021 – Cambridge Ordinance Committee [Financial Review]
03 February 2021 – Cambridge City Council [Zoning Petition Approved]
30 March 2021 – Design Review Committee Meeting [Review & Q&A]
31 March 2021 – Virtual Open House Community Meeting [Review & Q&A]
04 April 2021 – Open Office Hours [Review & Q&A]
14 April 2021 – ECPT Meeting [Review & Q&A]
13 May 2021 – Virtual Open House Community Meeting [Review & Q&A]
18 May 2021 – Cambridge Planning Board/CRA Board Meeting [Pre-Filing Discussion] (expected)
09 July 2021 – Cambridge Bicycle Committee Meeting [Review & Q&A] (expected)
**RECOMMENDED BASE MATERIAL**

Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your racks, ask your Dero representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.

**TOOLS NEEDED**

- Hammer drill
- Masonry bit, 3/8", 1/2"
- Hammer
- Socket wrench
- Sockets, 9/16", 3/4"
- Socket extension, 4-6"
- Hex wrench, 3/16"
- Tape measure
- Chalk line
- Marker
- Level
- Hammer drill
- Masonry bit, 3/8", 1/2"
- Hammer
- Socket wrench
- Sockets, 9/16", 3/4"
- Socket extension, 4-6"

1. Refer to setback diagrams before installation to ensure sufficient space. Installation surface must be concrete of suitable strength. If surface is not level, contact Dero representative for workable solution.

2. Place the Uprights in position and secure with (4) ½” x 3.75” wedge anchors. At least 1.25” of wedge anchor threads should remain above the concrete. The Lower Tray Mount should be placed on the front side of the Upright and secured with the existing wedge anchors.

3. Upper assembly has roller closer to rear

4. Lower assembly has roller closer to front

Place the lower Cantilever Assembly on the lower Upright position and secure with (4) ½” x 1.25” carriage bolts, ½” washers, and ½” nylock nuts.

Do the same for the upper Cantilever Assembly.
5

Place the bottom Lower and Upper Trays in position and secure at the rear with (1) 3/8” x 1” carriage bolt, 3/8” washer, and 3/8” nut each. Secure at the front with (1) 3/8” x 3” wedge anchor each.

6

For double sided installations be sure to stagger the position of the units so that upper trays in one row face sit opposite lower trays in the other row.

Continue to the next section and repeat the previous steps.
Grand Junction Path Update
**Figure C2: Bluebike Stations and Short Term Bike Parking Plan**

<table>
<thead>
<tr>
<th>Type of Parking</th>
<th># of Spaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Short Term Bicycle Parking Spaces</td>
<td>338 bikes</td>
</tr>
<tr>
<td>Total Proposed Bluebike Spaces</td>
<td>54 bikes</td>
</tr>
</tbody>
</table>

**EXISTING BLUEBIKE STATION (20)**

**EXTRA LARGE BLUEBIKE STATION (27)**

**EXTRA LARGE BLUEBIKE STATION (27)**

**EXTRA LARGE BLUEBIKE STATION (27)**
Figure D15: Street Section - Broad Canal Way East

*DIMENSIONS ARE APPROXIMATE
Figure D16: Street Section - Broad Canal Way West

*DIMENSIONS ARE APPROXIMATE
Figure D13: Street Section - Fifth Street at Binney

**Dimensions are approximate.**
Figure D19: Street Section - Potter Street
IQHQ/Alewife Park
<table>
<thead>
<tr>
<th>Community Concern</th>
<th>Site Planning Mitigation Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garage location + neighborhood cut-through vehicle trips</td>
<td>Site access and garage location to take advantage of road network to the west (Proximity to Rte 2)</td>
</tr>
<tr>
<td></td>
<td>Gates located to prevent convenience cut-throughs</td>
</tr>
<tr>
<td></td>
<td>Maintaining police detail</td>
</tr>
<tr>
<td>Net-new vehicle trip increase</td>
<td>Transit oriented site location helps reduce vehicle mode share</td>
</tr>
<tr>
<td></td>
<td>Transportation Demand Management measures to reduce single-occupancy vehicle trips</td>
</tr>
</tbody>
</table>

Proposed Gate

Afternoon Peak Egress and Neighborhood Access Restriction
Supplemented by Police Officer Control

Proposed Gate

Vehicular Access
Vehicle Egress
Service Vehicles

Service Vehicles, Bicycles and Pedestrians Only
Jerry's Pond Public Access Plan will provide:

- Overall Seating Capacity of 114
- Pedestrian Only Boardwalk Connection from Rindge Avenue north to the MBTA Headhouse
- Expanded Paths along Rindge Avenue
- Improved Signalized Crosswalks Across Rindge Avenue
- Improved Path Along Rte 16
Walden Square II
Proposed Circulation
View After Yerxa Underpass
Public Comment Instructions

• Use the "Raise Hand" button to signal you have a question/comment. A staff member will then enable you to unmute yourself.
  • *9 to Raise Hand by phone
  • *6 to Mute/Unmute by phone

• Questions can also be submitted using the Q&A button.
Other Announcements
Upcoming Meetings

• Pedestrian Committee walk of Cambridge Crossing/North Point area
  • Thursday, June 24, 6:00 PM – 8:00 PM
  • Meet at entrance to Lechmere pedestrian at the intersection of First St and Cambridge St (next to the Bluebikes station)

• Bicycle Committee August meeting
  • Wednesday, August 11, 5:30 PM
  • Ride?

• Pedestrian Committee August meeting (August 26)
  • Thursday, August 26, 5:30 PM or 6:00 PM
  • Walk?
Thank You