#### SELECT BOARD MEETING Monday, April 8, 2024 Select Board Meeting Room, 1625 Massachusetts Avenue, Lexington, MA 02420 - Hybrid Participation\* 6:00 PM

#### AGENDA

#### **ITEMS FOR INDIVIDUAL CONSIDERATION**

1. 2024 Annual Town Meeting	6:05pm
Select Board Article Discussion and Positions	
<ol> <li>Discuss and Approve Prioritized Intersections for Rectangular Rapid Flashing Beacons (RRFBs) Along the Minuteman Bikeway</li> </ol>	6:15pm
<ol> <li>Request to Add Parking Restriction for REV Shuttle Adjacent to Brookline Bank, 1793 Massachusetts Avenue</li> </ol>	6:30pm
4. Review and Approve Town Manager Search Screening Committee Charge	6:35pm
EXECUTIVE SESSION	
<ul><li>EXECUTIVE SESSION</li><li>1. Exemption 6: To Consider the Value of Real Property - Muzzey High Condominiums</li></ul>	6:40pm
1. Exemption 6: To Consider the Value of Real Property - Muzzey High	6:40pm

Meeting Packet: https://lexington.novusagenda.com/agendapublic/

### \*Members of the public can attend the meeting from their computer or tablet by clicking on the following link at the time of the meeting:

https://zoom.us/i/99739813810?pwd=bEZZNE9HK3MyY1AvcWc5d0NsQ0JIQT09

iPhone one-tap: +13092053325,,99739813810#,,,,\*153496# US +13126266799,,99739813810#,,,,\*153496# US (Chicago)

Telephone:

- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)
- +1 646 931 3860 US
- +1 929 205 6099 US (New York)

Meeting ID: 997 3981 3810

Passcode: 153496

An Act Relative to Extending Certain State of Emergency Accommodations: https://www.mass.gov/the-open-meeting-law

The next regularly scheduled meeting of the Select Board will be held prior to 2024 Annual Town

Meeting on Wednesday, April 10, 2024 at 6:00pm via hybrid participation.

Hearing Assistance Devices Available on Request All agenda time and the order of items are approximate and subject to change.



#### AGENDA ITEM SUMMARY

#### LEXINGTON SELECT BOARD MEETING

#### **AGENDA ITEM TITLE:**

2024 Annual Town Meeting

#### **PRESENTER:**

Board Discussion

#### **SUMMARY:**

#### **Category: Informing**

2024 Annual Town Meeting

The Select Board will discuss articles and take positions for 2024 Annual Town Meeting.

#### **SUGGESTED MOTION:**

#### FOLLOW-UP:

#### DATE AND APPROXIMATE TIME ON AGENDA:

4/8/2024

6:05pm

#### **ATTACHMENTS:**

#### Description

 Select Board Working Document - Positions 2024 ATM

D Moderator's Proposed schedule for ATM 2024 - as of 4-4-2024

Art 48 Revised Amendment S. Kaufman

Art 48 motion

#### Туре

Backup Material Backup Material Backup Material I.1

ITEM

**NUMBER:** 

#	Article Name	ARTICLE UPDATE AT SELECT BOARD MTG	SELECT BOARD PRSNTR	CONSENT	IP	JP	SB	DL	ЈН	MS
-			-							
-			-							
-										
Financial A	Articles									
4	Appropriate Fy2025 Operating Budget		JP			Y	Y	Y	Y	Y
5	Appropriate Fy2025 Enterprise Funds Budgets		DL			Y	Y	Y	Y	Y
-			SB	С						
7	Sustainable Capital Projects		MS			Y	Y	Y	Y	Y
8	Accept Tucker Ave (Westernmost Portion)		DL			Y	Y	Y	Y	Y
9	Establish And Continue Departmental Revolving Funds		DL			Y	Y	Y	Y	Y
	Appropriate The Fy2025 Community Preservation Committee Operating Budget And CPA Projects					1				
				С						
10		-								
10		1/22/2024	MS							
		1, 22, 2021	1.10							
		_								
		_								
				С						
				С						
11	Appropriate For Recreation Capital Projects		SB	С		Y	Y	Y	Y	Y

Note: As Articles are voted on at Town Meeting they are removed from the working document list

#	Article Name	ARTICLE UPDATE AT SELECT BOARD MTG	SELECT BOARD PRSNTR	CONSENT	IP	JP	SB	DL	ЈН	MS
							_		-	
				С						
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#	Article Name	ARTICLE UPDATE AT SELECT BOARD MTG	SELECT BOARD PRSNTR	CONSENT	IP	JP	SB	DL	ЈН	MS
				С						
-			MS	С						
				С						
				С						
-			DL	С						
-			ЈН							
-			SB							
-			SB	С						
21	Amend Fy2024 Operating, Enterprise And CPA Budgets		JH			Y	Y	Y	Y	Y
-			DL	С						
-			MS							
24	Appropriate Funding For Semiquincentennial Commission	2/5/2024	SB							
-			SB			Y	Y	Y	Y	Y
-			JP							
-			JP							
General A	rticles				<u>.</u>					
-			DL	С						
-										
-			JH	С						┝──┤

Note: As Articles are voted on at Town Meeting they are removed from the working document list

Y

Y

Ν

Y

Y

#### Select Board Positions Working Document

#	Article Name	ARTICLE UPDATE AT SELECT BOARD MTG	SELECT BOARD PRSNTR	CONSENT	IP	JP	SB	DL	ЈН	MS
31	Prohibit Single-Serve Plastic Water Bottles (Citizen's Petition)	2/12/2024	JH			W	W	W	W	Y
-										
-		2/5/2024	MS							
34	Amend General Bylaws - Tree Bylaw - Tree Protection Plan	1/22/2024	JP			Y	Y	Y	Y	Y
35	Amend General Bylaws - Tree Bylaw - Require Mitigation Planting In Certain Instances	1/22/2024	JP			Y	Y	W	Y	Y
36	Amend General Bylaws - Tree Bylaw - Exemptions	1/22/2024	JP			Y	Y	Y	Y	Y
37	Importance Of Trees Resolution (Citizen Petition)	1/22/2024	JP			Y	Y	W	W	Y
38	Amend Regulation Of Fossil Fuel Infrastructure Bylaw - Meet Department Of Energy Resources (Doer) Requested Changes		JH			Y	Y	N	Y	Y
-			DL							
40	Integrated Pest Management Resolution (Citizen Petition)	2/12/2024	MS			Y	Y	Y	Y	Y
-		3/4/2024	JH							
-										
43	Voting Rights 16 And Older (Citizen Petition)	2/12/2024	DL			Y	W	Y	W	Y
-			SB	С						
45	Indigenous Peoples Day (Citizen Petition)	2/12/2024	JH			Y	Y	W	Y	Y
46	Royal Family Invitation To 250th Celebration - IP		DL		IP	IP	IP	IP	IP	IP
Zoning Ar	ticles									
47	Amend Zoning Bylaw - Signs	2/26/2024	JP			Y	W	Y	Y	W
			I	1 1	I					
48	Amend Zoning Bylaw - Short Term Rentals	2/26/2024	DL			Y	Y	Y	Y	Y

- Kaufman Amendment

Note: As Articles are voted on at Town Meeting they are removed from the working document list

#	Article Name	ARTICLE UPDATE AT SELECT BOARD MTG	SELECT BOARD PRSNTR	CONSENT	IP	JP	SB	DL	JH	MS
	- Kaufman + Shiple Amendment					Y	Y	Y	Y	Y
49	Amend Zoning Bylaw - Permitted Uses and Development Standards	2/26/2024	MS			W	Y	W	Y	W
-		2/26/2024	JH							
-		2/26/2024	JH							
-		2/26/2024	SB							
-			JH	С						
-			JH	С						

#### Updated schedule for ATM 2024 - published April 4, 2024

#### Monday, April 8, 2024 (Deadline has passed for amendments/division requests)

#### Wednesday, April 10, 2024 (Deadline has passed for amendments/division requests)

- Town Meeting member memorials
- Article 46 Royal Family Invitation to 250th Celebration (IP)
- Article 34 Amend General Bylaws Tree Bylaw Tree Protection Plan
- Article 35 Amend General Bylaws Tree Bylaw Mitigation Planning
- Article 36 Amend General Bylaws Tree Bylaw Exemptions
- Article 37 Importance of Trees Resolution (Citizen Petition)
- Article 38 Amend Regulation of Fossil Fuel Infrastructure Bylaw
- Time permitting: unfinished business from previous session

#### NO SESSIONS school vacation week: Monday April 15 and Wednesday April 17

#### Monday, April 22, 2024 - NO SESSION (1st night Passover)

#### Wed. April 24, 2024 (Proposed amendments/division requests due: 5pm Wed. 4/10)

- Article 31 Prohibit Single-Serve Plastic Water Bottles (Citizen Petition)
- Article 40 Integrated Pest Management Resolution (Citizen Petition)
- Article 43 Voting Rights 16 and Older (Citizen Petition)
- Article 45 Indigenous Peoples Day (Citizen Petition)
- Article 21 Amend FY2024 Operating, Enterprise and CPA Budgets
- Article 24 Appropriate Funding for Semiquincentennial Commission
- Time permitting: unfinished business from previous sessions

#### Monday April 29, 2024 Hold for unfinished business

#### Hold for schedule slippage:

- Monday, May 6th
- Wednesday, May 8th

#### LEXINGTON TOWN MEETING AMENDMENT FORM

ARTICLE NUMBER: 48

DATE: 04/05/2024

I, Steven Kaufman, TMM Precinct 5,

#### move to Amend the Motion

Move to amend the motion under Article 48 by adding the following Section 6.10.3.13:

6.10.3.13. A short-term rental shall not be used for large indoor or outdoor group events such as luncheons, banquets, parties, weddings, meetings, or seminars. The number of individuals permitted in or at a short-term rental at any time for gatherings shall not exceed 15 (fifteen) people.

Examples of text for amendments may include statements such as:						
By striking the words		By adding the Following	By striking in its entirety	Section ( ) Paragraph	ו( )	
And by substituting the w	ords	i chowing	And by substituting in it	s place the following So	ection () Paragraph ()	
Action Taken:	Pass	Fail	Unanimous	Majority	Other	

#### Town of Lexington Motion 2024 Annual Town Meeting

#### ARTICLE 48 AMEND ZONING BYLAW – SHORT TERM RENTALS

#### **MOTION:**

That the Zoning Bylaw, Chapter 135 of the Code of the Town of Lexington, be amended as follows, where struck through text is to be removed and <u>underlined text</u> is to be added:

1. Amend § 135-6.10 as follows:

#### 6.10 SHORT TERM RENTALS.

#### 6.10.1 PURPOSE.

The purposes of this section are to:

- 1. Provide a process through which certain residential dwelling units and bedrooms within dwelling units may be registered with the Town of Lexington for use as "short-term rentals";
- 2. Provide health and safety standards for short-term rentals; and
- 3. Provide for the orderly operation of short-term rentals within the Town's residential neighborhoods.

#### 6.10.2 DEFINITIONS.

Operator-adjacent short-term rental: The short-term rental of a dwelling unit, that is not the primary residence of the operator's primary residence, but is located within a dwelling with on a lot containing a total of four or fewer two dwelling units where one of the dwelling units in the building is the primary residence of the operator.

Operator-occupied short-term rental: The short-term rental of a dwelling unit, or of individual bedrooms within a dwelling unit, that is the primary residence of its operator.

Short-term rental: Any rental of a residential dwelling unit, or of a bedroom within a dwelling unit, in exchange for payment, as residential accommodations for a duration of less than thirty (30) consecutive days, but not a bed-and-breakfast home, hotel, or motel.

Short-term renter: Any person or persons occupying a dwelling unit, or a bedroom within a dwelling unit, as <u>for</u> a short-term rental.

Short-term rental operator: The person or persons offering a dwelling unit or bedroom within a dwelling unit, for short-term rental, with the written permission of the owner,

#### Town of Lexington Motion 2024 Annual Town Meeting condominium association, and homeowners association where applicable.

6.10.3 REQUIREMENTS. Operator-occupied, and operator-adjacent short-term rentals are permitted as an accessory use to a permitted principal residential use, subject to the following requirements:

1. No dwelling unit, or bedroom within a dwelling unit, may be used as a short-term rental except in compliance with this bylaw.

2. The following <u>kinds of</u> dwelling units, and bedrooms within the following kinds of <u>dwelling units</u>, may not be used as short-term rentals:

- i. Dwelling units designated as affordable or otherwise income-restricted, which are subject to affordability covenants or are otherwise subject to housing or rental assistance under local, state, or federal programs or law;
- ii. Accessory Apartments as defined in Section 6.7; and
- iii. <u>Dwelling units on lots containing three (3) or more dwelling units.</u>
- iv. Any dwelling unit in violation of the State Sanitary Code, 105 CMR 410.3.
- 3. All short-term rental operators shall register with the Building and Zoning Office prior to short-term rental use and occupancy in conformance with Section 6.10.5 below.
- 4. A short-term rental operator may make available no more than one (1) dwelling unit for operator-occupied short-term rentals, which may include the separate shortterm rental of no more than three (3) individual bedrooms, and one (1) dwelling unit for operator-adjacent short-term rentals, which may be rented only as a whole unit to one (1) party of short-term renters at any one (1) time and may not be rented as separate bedrooms to separate parties.

A short-term rental operator may make no more than one (1) dwelling unit or two (2) bedrooms available for rent by one (1) party at a time for operator occupied short-term rentals.

A short-term rental operator may make no more than one (1) dwelling unit available for operator-adjacent short term rentals, which dwelling unit may be rented only as a whole unit to one (1) party at a time. Separate bedrooms may not be rented to separate parties in operator-adjacent short term rentals.

No more than two (2) adult guests per bedroom or ten (10) per dwelling, whichever is less, are permitted in a short-term rental.

#### Town of Lexington Motion 2024 Annual Town Meeting

- 5. A short-term rental shall be limited to parking of one (1) vehicle per lawful bedroom in the short-term rental and no more than 4 vehicles on a lot.
- 6. The short term rental operator or their agent shall maintain an up to date log of all occupants that occupy the short term rental, which shall contain the occupants' names, ages, and dates of commencement and expiration of each short term rental period. The log shall be available for inspection by the Town's Board of Heath and Department of Public Safety in case of emergency. The purpose of this requirement is to ensure that the Town shall have basic identifying information of all occupants of the short term rental at all times.
- 7. <u>6</u>. The short-term rental operator must <u>ensure that the property is be</u> current with all town taxes, water, and sewage charges.
- 8. <u>7.</u> All short-term rental operators shall maintain liability insurance appropriate to cover the short-term rental use.
- 9. <u>8.</u> During any period of seven (7) or more consecutive days <del>when</del> <u>during which</u> the short-term rental operator is <u>not sleeping overnight at away from</u> the dwelling unit, an operator-occupied short-term rental may be rented only as a whole unit <del>and not rented as separate bedrooms to separate parties</del>.
- 10. <u>9.</u> The number of bedrooms made available for operator-occupied short-term rentals within a dwelling unit shall not be greater than <u>one less than</u> the number of lawful bedrooms in the dwelling unit.
- <u>11. 10.</u> Renting for an hourly rate, or for rental durations of less than ten (10) consecutive hours, shall not be permitted.
- 12. <u>11.</u> Short-term rentals shall not exceed in the aggregate, one-hundred-twenty (120) consecutive or nonconsecutive calendar days per <u>calendar</u> year when the short-term rental operator is not occupying the dwelling unit during the entire term of the short-term rental.

#### 12. Short-term rentals may not be located in the same dwelling unit as rooming units.

- 6.10.4 REGULATIONS. The Building Commissioner shall have the authority to promulgate regulations to carry out and enforce the provisions of this Section 6.10 "Short-Term Rentals."
- 6.10.5 REGISTRATION, INSPECTION AND FEES.

1. <u>The short-term rental operator or the short-term rental operator's agent shall register</u> with the Town, <u>All dwelling units</u>, or bedrooms within a dwelling unit, offered for

#### Town of Lexington Motion 2024 Annual Town Meeting

short term rentals shall register with the Town, secure a Certificate of Registration according to standards set forth by the Building Commissioner, and pay all associated fees for all dwelling units, or bedrooms within a dwelling unit, offered for short-term rental. The Certificate of Registration shall require the short-term rental operator to agree to abide by the requirements of this Section 6.10.

2. It is the responsibility of t The short-term rental operator <u>must</u> to renew its Certificate of Registration on an annual basis <u>and or</u> upon change of operator or owner.

3. Prior to issuing or renewing a <u>e-C</u>ertificate of <u>r-R</u>egistration, the Building and Zoning Office shall conduct an inspection to verify that each dwelling unit, or bedroom within a dwelling unit, to be rented to short-term renters meets the requirements of this Section 6.10.

4. Units shall be annually recorded in the Short-Term Rental Registry for a fee set by the Select Board.

(03/01/2024)

#### AGENDA ITEM SUMMARY

#### LEXINGTON SELECT BOARD MEETING

#### AGENDA ITEM TITLE:

Discuss and Approve Prioritized Intersections for Rectangular Rapid Flashing Beacons (RRFBs) Along the Minuteman Bikeway

#### PRESENTER:

#### ITEM NUMBER:

John Livsey, Town Engineer; Ross Morrow, Assistant Town Engineer

I.2

#### **SUMMARY:**

#### **Category: Decision-Making**

Below are the Rectangular Rapid Flashing Beacon (RRFB) rankings from the Town's design consultant TEC in order of the highest (1) priority to lowest (8) priority intersections with the bikeway (note the Lexington Bicycle Advisory Committee indicated Revere St should rank higher as more students use it). The following are explanations for acronyms/abbreviations:

HSIP – Highway Safety Improvement Program (identifies high crash locations) ADT – Average Daily Traffic AC – Alternating Current (meaning the RRFB may require a power connection, not just solar) FHWA – Federal Highway Administration

1. Meriam Street – This location is within the HSIP Bicycle Crash Cluster. In addition, its position within Lexington Center is key for movements next to the parking lot. This location also provides ease of installation with no significant obstruction and a clear southern sky for solar-powered RRFB as preference to the Town. 2. Hancock Street – The proximity of the crossing to Lexington Center, as well as the ADT on the roadway, the potential for other distractions, and the potential for increased speed leaving the congestion of Route 4 and the Mass Ave corridors presents this location as a high priority. This includes potential distractions for the bikeway users who, for many, of just entered the bikeway from the center parking areas and Hancock Street represents the first major roadway crossed. Location is candidate for solar-powered RRFB with certain alignment of solar panels.

3. Fletcher Avenue – Similar to Meriam, the location is within a separate HSIP Bicycle Crash Cluster and also a key location adjacent to parking. The similarity has ease of installation as a solar-powered unit with the clear southern sky. One challenge is a need for tree trimming north of the cross walk to get visibility to the beacon southbound.

Woburn Street – On the edge of the HSIP cluster, the location is across a mainline roadway and directly adjacent to a cross-street. The higher ADT on Woburn lends itself to the installation and there is sufficient room to install with ease. This would be an AC-power location as the tree cover to the south is substantial.
 Westview Street – Although on the outskirts of Town, the location of the crossing is on a curve with an abrupt change in direction of the Bikeway. The installation will help with visibility as the tree cover in the aera is very heavy and therefore somewhat dark even during the day. Location would need to be AC-powered.
 Revere Street – Cut-through traffic roadway with traffic attempting to get through fast. Location lends itself to higher priority as focus may be on the speed of travel being a straight-a-way road. Location is an AC-powered location based on tree cover to the south.

7. Bow Street – ADT at this location is expected to be low (comparatively) entering the residential area. Most likely would not meet the FHWA uncontrolled ped crossing guidance for RRFB installation; however, the location is still beneficial based on the curvature of Bow Street just north of the crossing (location is a solar-powered candidate with clear southern sky).

8. Fottler Avenue - ADT at this location is expected to be low (comparatively) entering the residential area. Most likely would not meet the FHWA uncontrolled ped crossing guidance for RRFB installation; however, the location is still beneficial based on the low visibility / darkness with adjacent tree cover. Solar-powered candidate as the south sky only needs some tree trimming, particularly the west side.

The Board voted to approve \$250,000 to install as many RRFBs at street crossings along the bikeway as possible. The Town has engaged an independent engineer to design and prioritize the intersections based on need. Once the Board approves the locations, DPW and Engineering and finalize the design and move this project from the Participatory Budgeting forward. Keeping in mind the 12/31/24 deadline to have this under contract means that a decision needs to be made if the RRFBs will be installed based on priority locations or if the Select Board wants the staff to forego some intersections.

Attached is a memo from Ross Morrow, Assistant Town Engineer and the design plans for each intersection.

#### **SUGGESTED MOTION:**

Move to approve the installation of the RRFBs at the intersections as prioritized (if the board chooses to except some intersections the motion can read, "with the exception of the following intersection(s):\_\_\_\_\_).

#### FOLLOW-UP:

#### DATE AND APPROXIMATE TIME ON AGENDA:

4/8/2024

6:15pm

#### **ATTACHMENTS:**

	Description	Туре
D	Memo from Ross Morrow, Assistant Town Engineer	Cover Memo
D	Design Plans	Cover Memo
D	Presentation	Cover Memo



Town of Lexington

Department of Public Works Engineering Division

John R. Livsey, P.E., Town Engineer Ross Morrow, P.E., Assistant Town Engineer Tel: (781) 274-8305 Fax: (781) 274-8323

#### MEMORANDUM

TO:	Select Board Office
FROM:	Ross Morrow, P.E., Assistant Town Engineer
DATE:	April 4, 2024
RE:	Pedestrian Crossing Beacons along Minuteman Commuter Bikeway

#### • Agenda Item/Title

Pedestrian Crossing Beacons along Minuteman Commuter Bikeway

• Whether a Vote of the Select Board is being requested, whether this is an update on a previous item or if it is for informational purposes only and what you need from the Select Board (directional guidance, approval, etc).

No vote is being requested. This is an informational presentation for an update on the project and directional guidance is welcome.

• A summary explanation of what is being presented including costs and funding source, plan for public outreach, impact on department work/goals and any alignment with the Select Board goals.

#### A summary explanation of what is being presented

Through the Participatory Budget process, funding was approved to design and install pedestrian crossing beacons at roadway intersections along the Minuteman Commuter Bikeway (MMCB). There are 8 unsignalized roadway crossings (the Seasons 4 driveway was not considered as the driveway approaches are under stop control, the Depot parking lot driveway as also not considered as there are several other projects that may affect that crossing). The design consists of installing rectangular rapid flashing beacons (RRFBs) powered by solar where feasible, or a hardwired power connection when necessary, on a black sign post. The beacons will be push button activated.

Below is the prioritized list of the locations, which also defines the order of the locations to be approved for construction. This ranking is based on the recommendations of the design consultant and input from the Lexington Bicycle Advisory Committee (LBAC).

HSIP – Highway Safety Improvement Program (identifies high crash locations)

ADT – Average Daily Traffic

AC – Alternating Current (meaning the RRFB may require a power connection, not just solar)

FHWA – Federal Highway Administration

- <u>Hancock Street</u> The proximity of the crossing to Lexington Center, as well as the ADT on the roadway, the potential for other distractions, and the potential for increased speed leaving the congestion of Route 4 and the Mass Ave corridors presents this location as a high priority. This includes potential distractions for the bikeway users who, for many, of just entered the bikeway from the center parking areas and Hancock Street represents the first major roadway crossed. Location is candidate for solar-powered RRFB with certain alignment of solar panels. (Note, this crossing was ranked as 3<sup>rd</sup> most difficult to cross for the full length of the MMCB, after Arlington Center and Lake Street, in the 2014 Toole Design Group Report *Navigating the Bikeway*)
- Meriam Street This location is within the HSIP Bicycle Crash Cluster. In addition, its position within Lexington Center is key for movements next to the parking lot. This location also provides ease of installation with no significant obstruction and a clear southern sky for solar-powered RRFB as preference to the Town.
- 3. <u>Revere Street</u> Cut-through traffic roadway with traffic attempting to get through fast. Location lends itself to higher priority as focus may be on the speed of travel being a straight-a-way road. Location is an AC-powered location based on tree cover to the south.
- 4. <u>Woburn Street</u> On the edge of the HSIP cluster, the location is across a mainline roadway and directly adjacent to a cross-street. The higher ADT on Woburn lends itself to the installation and there is sufficient room to install with ease. This would be an AC-power location as the tree cover to the south is substantial.
- 5. <u>Fletcher Avenue</u> Similar to Meriam, the location is within a separate HSIP Bicycle Crash Cluster and also a key location adjacent to parking. The similarity has ease of installation as a solar-powered unit with the clear southern sky. One challenge is a need for tree trimming north of the cross walk to get visibility to the beacon southbound.
- 6. <u>Westview Street</u> Although on the outskirts of Town, the location of the crossing is on a curve with an abrupt change in direction of the Bikeway. The installation will help with visibility as the tree cover in the area is very heavy and therefore somewhat dark even during the day. Location would need to be AC-powered.
- Bow Street ADT at this location is expected to be low (comparatively) entering the residential area. Most likely would not meet the FHWA uncontrolled ped crossing guidance for RRFB installation; however, the location is still beneficial based on the curvature of Bow Street just north of the crossing (location is a solar-powered candidate with clear southern sky).
- 8. <u>Fottler Avenue</u> ADT at this location is expected to be low (comparatively) entering the residential area. Most likely would not meet the FHWA uncontrolled ped crossing guidance for RRFB installation; however, the location is still beneficial based on the low visibility / darkness with adjacent tree cover. Solar-powered candidate as the south sky only needs some tree trimming, particularly the west side.

#### Pros/Cons:

Pros: Crossing beacons, and specifically RRFBs significantly increase the safety for crosswalk users. Per Federal Highway Administration (FHWA), RRFBs can reduce pedestrian crashes up to 47% and increase motorist yielding rates up to 98% (see attached pamphlet for more detail).

Cons: There will be a minor increase to DPW operating costs to pay for the power (where solar power only beacons are not a viable option) and the future maintenance of the beacons.

#### Costs and funding source

\$250,000 was previously approved for this project. \$24,000 has been allocated for the design and the remainder is available for the construction of the beacons. The construction contract will be structured to include the first 4 locations based on the prioritized list, with the option of adding more locations (in the prioritized order) as funding allows.

*Impact on department work/goals and any alignment with the Select Board goals.* This project increases the safety and accessibility for the users of the MMCB.

#### • Timeline summary

The project is in the final design stage. We anticipate completing design and advertising for construction in May 2024. Lead time on the beacon equipment is unknown but we expect installation of the beacons to happen this calendar year.

For items where action of the Board is being requested, a statement of the implications of taking the action vs. not taking the action.
 No action is necessary.

Thank you

### office of safety Proven Safety Countermeasures



Safety Benefits: RRFBs can reduce crashes up to: 47% for pedestrian crashes.4

### RRFBs can increase motorist yielding rates up to:

(varies by speed limit, number of lanes, crossing distance, and time of day).<sup>3</sup>



RRFBs used at a trail crossing. Source: LJB

For more information on this and other FHWA Proven Safety Countermeasures, please visit https://highways.dot.gov/ safety/proven-safety-counter measures and https://high ways.dot.gov/sites/fhwa.dot. gov/files/2022-06/techSheet RRFB 2018.pdf.

### Rectangular Rapid Flashing Beacons (RRFB)

A marked crosswalk or pedestrian warning sign can improve safety for pedestrians crossing the road, but at times may not be sufficient for drivers to visibly locate crossing locations and yield to pedestrians. To enhance pedestrian conspicuity and increase driver awareness at uncontrolled, marked crosswalks, transportation agencies can install a pedestrian actuated Rectangular Rapid Flashing Beacon (RRFB) to accompany a pedestrian warning sign. RRFBs consist of two, rectangular- shaped yellow indications, each with a light-emitting diode (LED)-array-based light source.<sup>1</sup> RRFBs flash with an alternating high frequency when activated to enhance conspicuity of pedestrians at the crossing to drivers.

Transportation agencies should refer to the *Manual on Uniform Traffic Control Devices (MUTCD)* for information on the application of RRFBs.<sup>1</sup>

#### **Applications**

The RRFB is applicable to many types of pedestrian crossings but is particularly effective at multilane crossings with speed limits less than 40 miles per hour.<sup>2</sup> Research suggests RRFBs can result in motorist yielding rates as high at 98 percent at marked crosswalks, but varies depending on the location, posted speed limit, pedestrian crossing distance, one- versus two-way road, and the number of travel lanes.<sup>3</sup> RRFBs can also accompany school or trail crossing warning signs.

RRFBs are placed on both sides of a crosswalk below the pedestrian crossing sign and above the diagonal downward arrow plaque pointing at the crossing.<sup>1</sup> The flashing pattern can be activated with pushbuttons or passive (e.g., video or infrared) pedestrian detection, and should be unlit when not activated.

#### Considerations

#### Agencies should:<sup>2</sup>

- Install RRFBs in the median rather than the far-side of the roadway if there is a pedestrian refuge or other type of median.
- Use solar-power panels to eliminate the need for a power source.
- Reserve the use of RRFBs for locations with significant pedestrian safety issues, as over-use of RRFB treatments may diminish their effectiveness.

#### Agencies shall not:<sup>2</sup>

- Use RRFBs without the presence of a pedestrian, school or trail crossing warning sign.
- Use RRFBs for crosswalks across approaches controlled by YIELD signs, STOP signs, traffic control signals, or pedestrian hybrid beacons, except for the approach or egress from a roundabout.

<sup>4 (</sup>CMF ID: <u>9024</u>) NCHRP Research Report 841 Development of Crash Modification Factors for Uncontrolled Pedestrian Crossing Treatments, (2017).



<sup>1</sup> Manual on Uniform Traffic Control Devices (MUTCD), Chapter 4L. FHWA, (2023).

<sup>2 &</sup>quot;Rectangular Rapid Flash Beacon" in PEDSAFE: Pedestrian Safety Guide and Countermeasure Selection System. FHWA, (2013).

<sup>3</sup> Fitzpatrick et al. "Will You Stop for Me? Roadway Design and Traffic Control Device Influences on Drivers Yielding to Pedestrians in a Crosswalk with a Rectangular Rapid-Flashing Beacon." Report No. TTI-CTS-0010. Texas A&M Transportation Institute, (2016).

# Hancock St



# Hancock St



## Meriam St



# Meriam St



### Revere St



## Revere St



# Woburn St



# Woburn St



### Fletcher Ave



## Fletcher Ave



## **Westview St**



## **Westview St**



# Bow St



# Bow St



## Fottler Ave



## Fottler Ave



#### INDEX

SHEET NO. DESCRIPTION	SHEET NO.	DESCRIPTION
-----------------------	-----------	-------------

1 TITLE SHEET & INDEX

- 2 TO 9 GENERAL PLANS
- 10 TRAFFIC SIGN SUMMARY & CONSTRUCTION DETAILS

#### CONSTRUCTION NOTES:

- 1. THE CONTRACTOR SHALL CONTACT DIGSAFE (1-888-DIGSAFE) A MINIMUM OF 72 HOURS PRIOR TO ANY CONSTRUCTION TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 2 PLANS ARE BASED ON AERIAL IMAGERY AND FIELD OBSERVATIONS.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED 3. WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT
- ALL MUNICIPALLY OWNED UTILITY STRUCTURES (CATCH BASINS, DRAIN 4. MANHOLES, WATER GATES, ETC.) SHALL BE RETAINED BY THE CONTRACTOR UNLESS DIRECTED OTHERWISE.
- 5. ALL PRIVATELY OWNED UTILITY STRUCTURES (GAS GATES, ELECTRIC /TELEPHONE MANHOLES, ETC.) SHALL BE RETAINED BY THE CONTRACTOR UNLESS DIRECTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES FOR THE ALTERATION AND ADJUSTMENT, AS NECESSARY.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE 6. CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTORS EXPENSE
- THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING 7. NEW MATERIALS OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R), AS APPROVED BY THE ENGINEER.
- THE TERM "MEET EXIST" MEANS TO MEET BOTH THE EXISTING ALIGNMENT 8. AND ELEVATION.
- ALL EXISTING TREES WITHIN THE PROJECT LIMITS SHALL BE RETAINED AND 9. PROTECTED WITH TREE PROTECTION UNLESS INDICATED OTHERWISE ON THE DRAWINGS. ALL PROVIDED DIMENSIONS REFER TO THE DIAMETER AT BREAST HEIGHT
- 10. AN UNOBSTRUCTED PATH OF TRAVEL WITH A MINIMUM WIDTH OF 3'-0" (EXCLUDING THE WIDTH OF CURB) SHALL BE MAINTAINED PAST ALL OBSTRUCTIONS (UTILITY POLES, LIGHT POLES, SIGNS, MAILBOXES, ALONG DRIVEWAY OPENINGS, ETC.)
- 11. ALL AREAS BETWEEN THE BACK OF SIDEWALK OR CURB TO THE LIMIT OF GRADING, OR AREAS DISTURBED BY THE CONTRACTORS OPERATIONS SHALL BE RESTORED WITH 4 INCHES OF LOAM AND SEED.

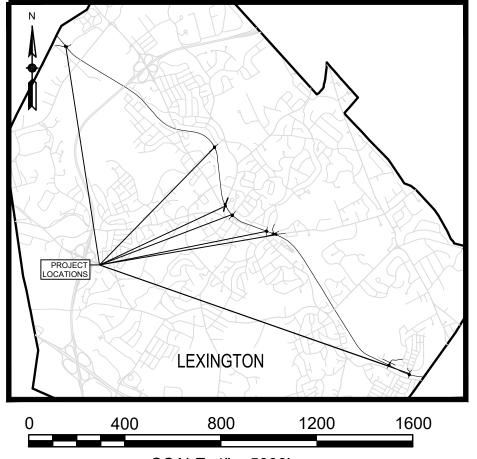
# TOWN OF LEXINGTON **RRFB AT ROADWAY CROSSINGS**

### MINUTEMAN COMMUTER BIKEWAY AT VARIOUS LOCATIONS

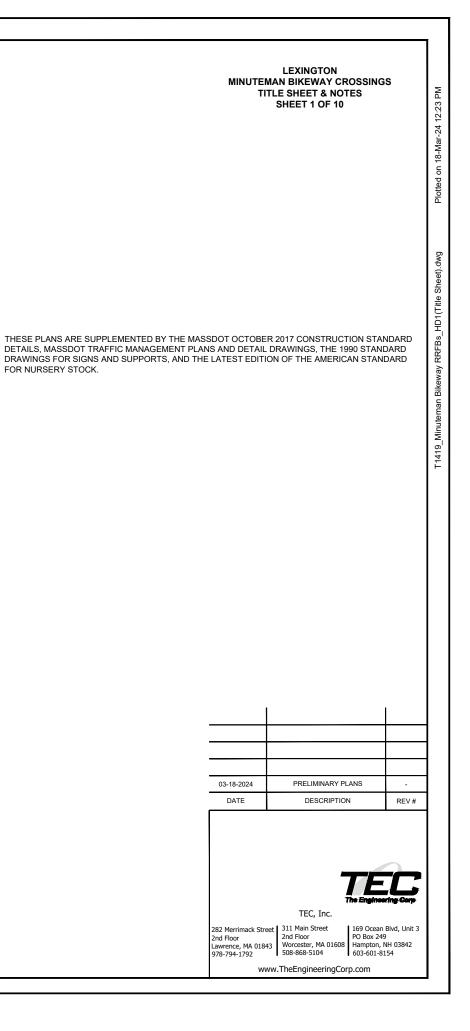
IN THE TOWN OF LEXINGTON MIDDLESEX COUNTY

### PRELIMINARY PLANS

FOR NURSERY STOCK.



SCALE: 1" = 5000'



GENERAL SYMBOLS	
EXISTING       PROPOSED       DESCRIPTION         POST CIRCULAR       HYDRANT         UTILITY POLE       TREE         O       TRASH BIN         Image: Construction       WATER FOUNTAIN W/ CEMENT CONCRETE FOUNDATION	N RET W11-15 W/ PROP W16-9p
TRAFFIC SYMBOLS	NAD 83
EXISTING     PROPOSED     DESCRIPTION       Image: Sign and Post     Sign and Post       Image: Sign and Post     PULL BOX 12"x12" (OR AS NOTED)       Image: Sign and Post     Sign and Post       Image: Sign and Post	
ABBREVIATIONS	
GENERAL         CEM       CEMENT         CONC       CONCRETE         CW       CROSSWALK         EXIST       EXISTING         FND       FOUNDATION         HMA       HOT MIX ASPHALT         PBN       PUSH BUTTON         PED       PEDESTRIAN         PROP       PROPOSED	RET EXIST UP R&R EXIST W11-15 TO R R&R EXIST W16-7pL TO R&R EXIST 'BIKEWAY' TO R&R R5-3
REM       REMOVE         RET       RETAIN         R&R       REMOVE AND RESET         R&S       REMOVE AND STACK         RRFB       RECTANGULAR RAPID FLASHING BEACON         SL       STOP LINE         ST       STREET         SW       SIDEWALK         TYP       TYPICAL         UP       UTILITY POLE	RET EXIST R1-1 R&R EXIST R5-3 TO P-5 POST PROP SOLAR POWERED RRFB W/ R&R W11-15, W16-7pL, & 'BIKEWAY' W/ PROP W11-15 W/ PROP W11-7pR W/ PROP W116-7pR W/ PROP W16-7pR W/ PROP PED PBN & R10-25 PROP HMA CURB
<ol> <li>RRFB FOUNDATIONS SHALL BE POSITIONED AT THE IMMEDIATE EDGE OF BIKEWAY TO MAINTAIN 10-INCH ADA REACH FROM THE BIKEWAY TO THE PUSH BUTTON.</li> </ol>	[BACK EDGE OF BIKEWAY - 4 FT OFFSET FROM EDGE OF ROAD] [APPROX 20 FT]
<ol> <li>2. THE RRFB INDICATIONS SHALL BE ROTATED AS NECESSARY TO BE VIEWED IN THE CENTER OF THE LANE UPSTREAM.</li> <li>3. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.</li> <li>4. ALL PAVEMENT MARKINGS DAMAGED BY SAWCUT OR WORK SHALL BE REPLACED IN FULL BY THE CONTRACTOR.</li> </ol>	RET EXIST UP
5. LIMIT OF GRADING / AREAS OF LOAM & SEED NOT SHOWN. ASSUME XX SF BASED ON LOCATIONS OF RRFB AND CONDUIT.	100
SCALE: 1" = 20'	
<u></u>	

LEXINGTON MINUTEMAN BIKEWAY CROSSINGS RRFB AT BOW STREET SHEET 2 OF 10

RFB RRFB RRFB

RET EXIST R1-1 RET EXIST R5-3 RET EXIST "BOW ST"

PROP SOLAR POWERED RRFB W/ R&R W11-15, W16-7pL, & 'BIKEWAY' W/ PROP W11-15 W/ PROP W16-7pR W/ PROP PED PBN & R10-25 - [LOCATED IN FILET AREA AT BACK OF BIKEWAY]

### MINUTEMAN COMMUTER BIKEWAY

RET EXIST "MASS AVE"
 RET EXIST WOODEN POST

R&R EXIST W11-15 TO RRFB R&R EXIST W16-7pL TO RRFB R&R EXIST 'BIKEWAY' TO RRFB

RET W11-15 W/ PROP W16-9p [150-FT SOUTH OF CW OFF PAGE]

1

1

1

EXISTING PROPOSED DESCRIPTION	7	
POST CIRCULAR		
HYDRANT	RET EXIST W11-15	
	W/ PROP W16-9p	
	and the second	
		In
Image: Second state         Image: Second state	TION	5
		ž
RAFFIC SYMBOLS	and the second sec	Ū,
EXISTING PROPOSED DESCRIPTION		7
	and the second of the second o	X
RRFB FLASHER ASSEMBLY		R.
SIGN AND POST	and the second se	-
PULL BOX 12"x12" (OR AS NOTED)		F
— — — — <b>— = = =</b> 3" SCHEDULE 80 PVC CONDUIT		FOTTLER AVENUE
	RET EXIST R7-1 🥆	<b>D</b>
BBREVIATIONS		
GENERAL		
EM CEMENT		
ONC CONCRETE W CROSSWALK		RET EXIST R7-1
XIST EXISTING	and a start and a start of the	
ND FOUNDATION		
MA HOT MIX ASPHALT	a present of the second second	PROP 3" SCH 80
BN PUSH BUTTON		PVC CONUIT (TYP)
ED PEDESTRIAN ROP PROPOSED		
EM REMOVE	R&R EXIST "MASS AVE"	
ET RETAIN	R&R R5-3	
&R REMOVE AND RESET		
&S REMOVE AND STACK		&R EXIST W11-15 TO F &R EXIST W16-7pL TO
RFB     RECTANGULAR RAPID FLASHING BEACON       L     STOP LINE	K	Car EXIST WIG-7PL TO
T STREET		and the
W SIDEWALK		
YP TYPICAL		
P UTILITY POLE	R&S EXIST R1-2	=
NOTES:	W/ PROP R1-1	
		00000
1. RRFB FOUNDATIONS SHALL BE POSITIONED AT THE IMMEDIATE EDGE OF BIKEWA	AY TO MAINTAIN	► PROP S
10-INCH ADA REACH FROM THE BIKEWAY TO THE PUSH BUTTON.	PROP A/C POWERED RRFB	
2. THE RRFB INDICATIONS SHALL BE ROTATED AS NECESSARY TO BE VIEWED IN TH		
THE LANE UPSTREAM.	W/ PROP W11-15	
	W/ PROP W16-7pR	
3. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.	W/ PROP PED PBN & R10-25 [BACK EDGE OF BIKEWAY - 5 FT OFFSET FROM EDGE OF ROAD]	
4. ALL PAVEMENT MARKINGS DAMAGED BY SAWCUT OR WORK SHALL BE REPLACE	D IN FULL BY THE	
CONTRACTOR.		
5. LIMIT OF GRADING / AREAS OF LOAM & SEED NOT SHOWN. ASSUME XX SF BASED	) ON LOCATIONS	
OF RRFB AND CONDUIT.		
	and the second s	
20 50	100	

LEXINGTON MINUTEMAN BIKEWAY CROSSINGS RRFB AT FOTTLER AVENUE SHEET 3 OF 10

RET EXIST UP PROP SERVICE CONNECTION W/ RISER, WEATHERHEAD, & DISCONNECT

R&S EXIST R1-2 RET EXIST R5-3 RET EXIST "FOTTLER AVE"

- REM YIELD MARKINGS

### / MINUTEMAN COMMUTER BIKEWAY



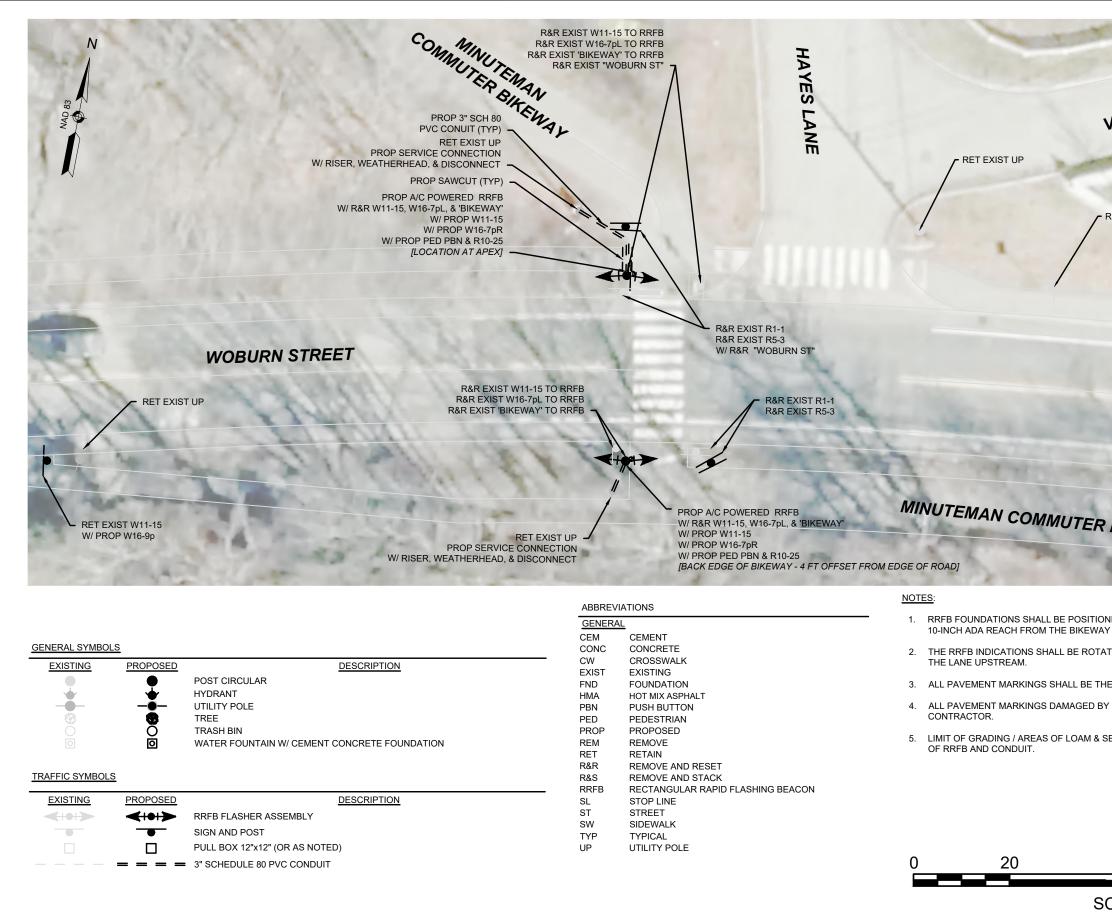
111

PROP A/C POWERED RRFB
 W/ R&R W11-15, W16-7pL, & 'BIKEWAY'
 W/ PROP W11-15
 W/ PROP W16-7pR
 W/ PROP PED PBN & R10-25
 [BACK EDGE OF BIKEWAY - 5 FT OFFSET FROM EDGE OF ROAD]

- R&R EXIST W11-15 TO RRFB R&R EXIST W16-7pL TO RRFB R&R EXIST 'BIKEWAY' TO RRFB

**RET EXIST R7-1** 

RET EXIST W11-15 W/ PROP W16-9p N



	٦
LEXINGTON MINUTEMAN BIKEWAY CROSSINGS RRFB AT WOBURN STREET SHEET 4 OF 10	4 1:40 PM
VINE STREET	Plotted on 18-Mar-24 1:40 PM
<text></text>	T1419_Minuteman Bikeway RRFBs_HD2(Construction Plans).dwg
ITIONED AT THE IMMEDIATE EDGE OF BIKEWAY TO MAINTAIN EWAY TO THE PUSH BUTTON.	
ROTATED AS NECESSARY TO BE VIEWED IN THE CENTER OF E THERMOPLASTIC. ED BY SAWCUT OR WORK SHALL BE REPLACED IN FULL BY THE M & SEED NOT SHOWN. ASSUME XX SF BASED ON LOCATIONS	
VI & SEED ING I SHOWIN. ASSUME AA SF DASED UN LUCATIONS	
50 100	
SCALE: 1" = 20'	

#### GENERAL SYMBOLS

PROPOSED

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EXISTING ١¢ -0

POST CIRCULAR HYDRANT UTILITY POLE TREE

TRASH BIN

WATER FOUNTAIN W/ CEMENT CONCRETE FOUNDATION

DESCRIPTION

### TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
	<del>&lt;   •   &gt;</del>	RRFB FLASHER ASSEMBLY
		SIGN AND POST
		PULL BOX 12"x12" (OR AS NOTED)
		3" SCHEDULE 80 PVC CONDUIT

#### ABBREVIATIONS

GENERAL	
CEM	CEMENT
CONC	CONCRETE
CW	CROSSWALK
EXIST	EXISTING
FND	FOUNDATION
HMA	HOT MIX ASPHALT
PBN	PUSH BUTTON
PED	PEDESTRIAN
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RRFB	RECTANGULAR RAPID FLASHING BEACON
SL	STOP LINE
ST	STREET
SW	SIDEWALK

- SIDEWALK SW
- TYP TYPICAL
- UP UTILITY POLE

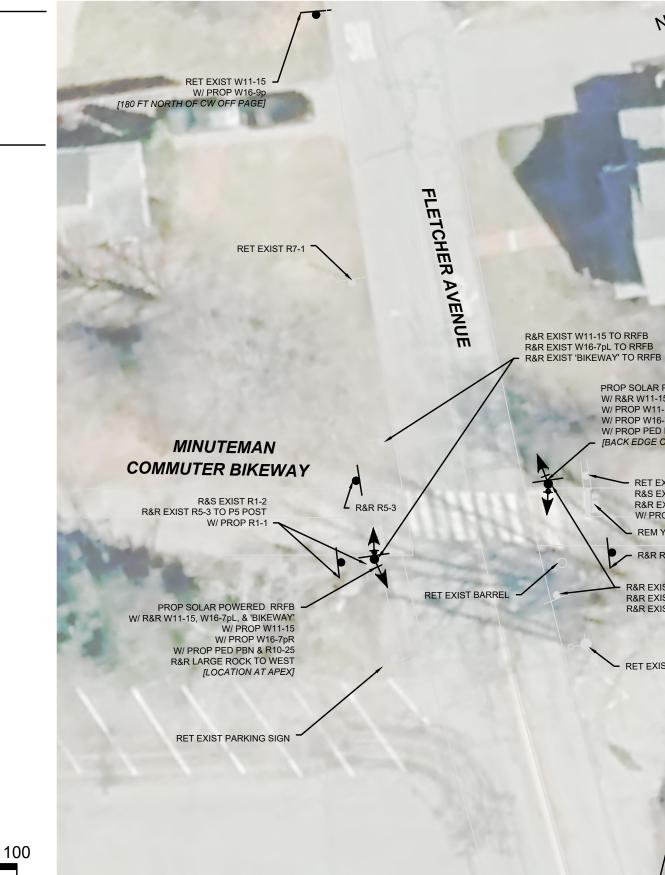
#### NOTES:

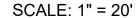
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- 1. RRFB FOUNDATIONS SHALL BE POSITIONED AT THE IMMEDIATE EDGE OF BIKEWAY TO MAINTAIN 10-INCH ADA REACH FROM THE BIKEWAY TO THE PUSH BUTTON.
- 2. THE RRFB INDICATIONS SHALL BE ROTATED AS NECESSARY TO BE VIEWED IN THE CENTER OF THE LANE UPSTREAM.
- 3. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

20

- 4. ALL PAVEMENT MARKINGS DAMAGED BY SAWCUT OR WORK SHALL BE REPLACED IN FULL BY THE CONTRACTOR.
- 5. LIMIT OF GRADING / AREAS OF LOAM & SEED NOT SHOWN. ASSUME XX SF BASED ON LOCATIONS OF RRFB AND CONDUIT.





50

LEXINGTON MINUTEMAN BIKEWAY CROSSINGS RRFB AT FLETCHER AVENUE SHEET 5 OF 10

1419

N

PROP SOLAR POWERED RRFB W/ R&R W11-15, W16-7pL, & 'BIKEWAY' W/ PROP W11-15 W/ PROP W16-7pR W/ PROP PED PBN & R10-25 [BACK EDGE OF BIKEWAY - 5 FT OFFSET FROM EDGE OF ROAD]

RET EXIST "FLETCHER AVE" **R&S EXIST R1-2** R&R EXIST R5-3 TO P-5 POST W/ PROP R1-1

REM YIELD MARKINGS (TYP)

R&R R5-3

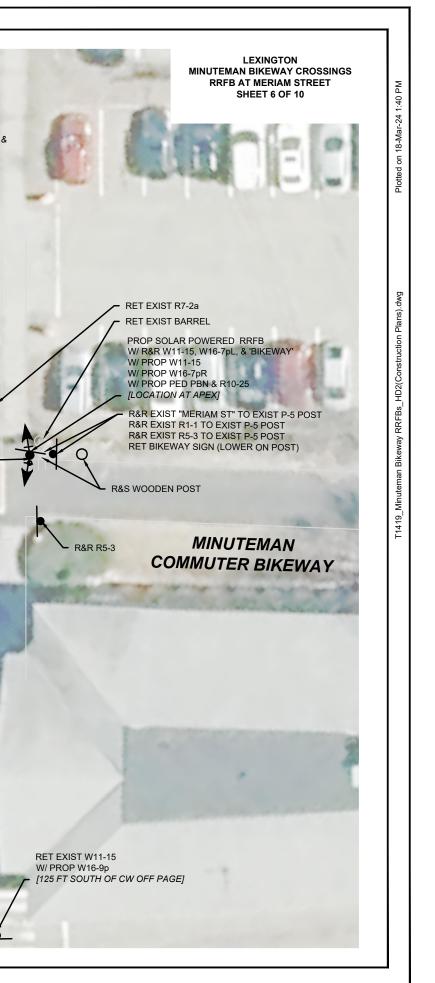
R&R EXIST W11-15 TO RRFB R&R EXIST W16-7pL TO RRFB R&R EXIST 'BIKEWAY' TO RRFB

RET EXIST UF

**RET EXIST W11-15** W/ PROP W16-9p [200 FT SOUTH OF CW OFF PAGE]

#### GENERAL SYMBOLS EXISTING PROPOSED DESCRIPTION POST CIRCULAR HYDRANT UTILITY POLE -0 - PROP W11-15 -0-TREE PROP W16-9p ō TRASH BIN [180 FT NORTH OF CW OFF PAGE & NORTH OF EXIST UP] 0 WATER FOUNTAIN W/ CEMENT CONCRETE FOUNDATION TRAFFIC SYMBOLS MERIAM STREET EXISTING PROPOSED DESCRIPTION <del>≪ I ● I 】</del> RRFB FLASHER ASSEMBLY . SIGN AND POST PULL BOX 12"x12" (OR AS NOTED) 3" SCHEDULE 80 PVC CONDUIT = R&R EXIST W11-15 TO RRFB R&R EXIST W16-7pL TO RRFB ABBREVIATIONS **R&R EXIST 'BIKEWAY' TO RRFB** GENERAL CEM PROP SOLAR POWERED RRFB CEMENT RET EXIST UP W/ R&R W11-15, W16-7pL, & 'BIKEWAY' CONC CONCRETE W/ PROP W11-15 CW CROSSWALK W/ PROP W16-7pR EXIST EXISTING W/ PROP PED PBN & R10-25 FND FOUNDATION [LOCATION AT APEX] HMA HOT MIX ASPHALT PBN PUSH BUTTON PFD PEDESTRIAN PROP PROPOSED R&R EXIST W11-15 TO RRFB REM REMOVE R&R EXIST W16-7pL TO RRFB RET RETAIN R&R EXIST 'BIKEWAY' TO RRFB R&R REMOVE AND RESET R&S REMOVE AND STACK RRFB RECTANGULAR RAPID FLASHING BEACON SL STOP LINE ST STREET SW SIDEWALK RET EXIST R1-1 TYP TYPICAL **RET EXIST R5-3** UP UTILITY POLE NOTES: 1. RRFB FOUNDATIONS SHALL BE POSITIONED AT THE IMMEDIATE EDGE OF BIKEWAY TO MAINTAIN 10-INCH ADA REACH FROM THE BIKEWAY TO THE PUSH BUTTON. 2. THE RRFB INDICATIONS SHALL BE ROTATED AS NECESSARY TO BE VIEWED IN THE CENTER OF THE LANE UPSTREAM. 3. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC. ALL PAVEMENT MARKINGS DAMAGED BY SAWCUT OR WORK SHALL BE REPLACED IN FULL BY THE 4. CONTRACTOR. 5. LIMIT OF GRADING / AREAS OF LOAM & SEED NOT SHOWN. ASSUME XX SF BASED ON LOCATIONS OF RRFB AND CONDUIT. 20 50 100 0

SCALE: 1" = 20'



#### GENERAL SYMBOLS

PROPOSED

800

EXISTING -

POST CIRCULAR HYDRANT UTILITY POLE TREE TRASH BIN

### WATER FOUNTAIN W/ CEMENT CONCRETE FOUNDATION

DESCRIPTION

### TRAFFIC SYMBOLS

PROPOSED	DESCRIPTION
<del>≺••</del> •>	RRFB FLASHER ASSEMBLY
	SIGN AND POST
	PULL BOX 12"x12" (OR AS NOTED)
	3" SCHEDULE 80 PVC CONDUIT

### ABBREVIATIONS

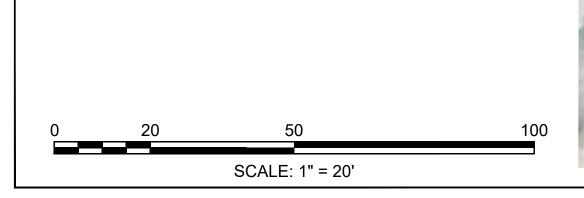
<u>GENERAL</u>	
CEM	CEMENT
CONC	CONCRETE
CW	CROSSWALK
EXIST	EXISTING
FND	FOUNDATION
PBN	PUSH BUTTON
PED	PEDESTRIAN
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RRFB	RECTANGULAR RAPID FLASHING BEACON
SI	STOPLINE

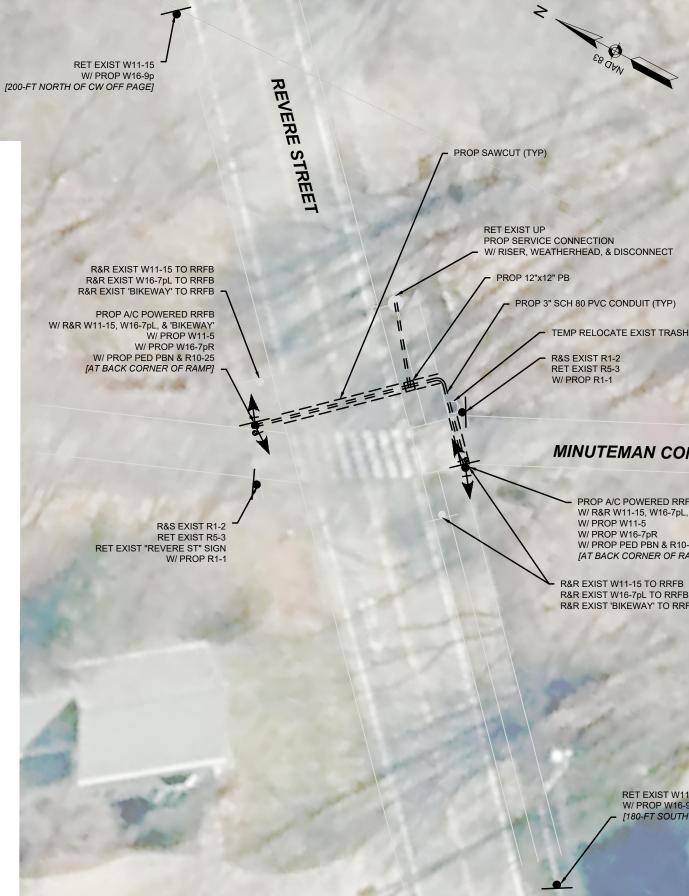
### STOP LINE STREET

- ST TYP
- TYPICAL UP UTILITY POLE

#### NOTES:

- 1. RRFB FOUNDATIONS SHALL BE POSITIONED AT THE IMMEDIATE EDGE OF BIKEWAY TO MAINTAIN 10-INCH ADA REACH FROM THE BIKEWAY TO THE PUSH BUTTON.
- 2. THE RRFB INDICATIONS SHALL BE ROTATED AS NECESSARY TO BE VIEWED IN THE CENTER OF THE LANE UPSTREAM.
- 3. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
- 4. ALL PAVEMENT MARKINGS DAMAGED BY SAWCUT OR WORK SHALL BE REPLACED IN FULL BY THE CONTRACTOR.
- 5. LIMIT OF GRADING / AREAS OF LOAM & SEED NOT SHOWN. ASSUME XX SF BASED ON LOCATIONS OF RRFB AND CONDUIT.





LEXINGTON MINUTEMAN BIKEWAY CROSSINGS RRFB AT REVERE STREET SHEET 8 OF 10

- TEMP RELOCATE EXIST TRASH BIN

### MINUTEMAN COMMUTER BIKEWAY

PROP A/C POWERED RRFB W/ R&R W11-15, W16-7pL, & 'BIKEWAY' W/ PROP PED PBN & R10-25 [AT BACK CORNER OF RAMP]

R&R EXIST W11-15 TO RRFB R&R EXIST W16-7pL TO RRFB R&R EXIST 'BIKEWAY' TO RRFB

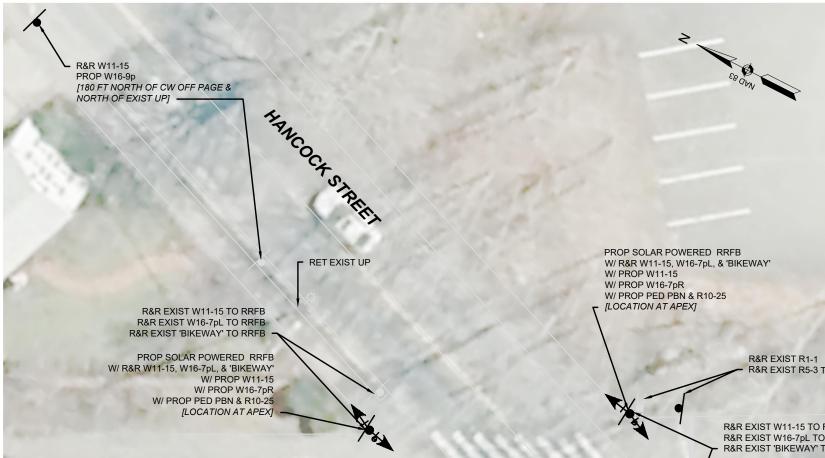
> RET EXIST W11-15 W/ PROP W16-9p [180-FT SOUTH OF CW OFF PAGE]

#### ABBREVIATIONS

ADDREVIA	
GENERAL	
CEM	CEMENT
CONC	CONCRETE
CW	CROSSWALK
EXIST	EXISTING
FND	FOUNDATION
HMA	HOT MIX ASPHALT
PBN	PUSH BUTTON
PED	PEDESTRIAN
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RRFB	RECTANGULAR RAPID FLASHING BEACON
SL	STOP LINE
ST	STREET
SW	SIDEWALK
TYP	TYPICAL
UP	UTILITY POLE
	GENERAL CEM CONC CW EXIST FND HMA PBN PED PROP REM RET R&R RET R&R RET R&R SL SL SSW TYP

#### NOTES:

- RRFB FOUNDATIONS SHALL BE POSITIONED AT THE IMMEDIATE EDGE OF BIKEWAY TO MAINTAIN 10-INCH ADA REACH FROM THE BIKEWAY TO 1. THE PUSH BUTTON.
- 2. THE RRFB INDICATIONS SHALL BE ROTATED AS NECESSARY TO BE VIEWED IN THE CENTER OF THE LANE UPSTREAM.
- 3. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
- 4. ALL PAVEMENT MARKINGS DAMAGED BY SAWCUT OR WORK SHALL BE REPLACED IN FULL BY THE CONTRACTOR.
- LIMIT OF GRADING / AREAS OF LOAM & SEED NOT SHOWN. ASSUME XX 5. SF BASED ON LOCATIONS OF RRFB AND CONDUIT.



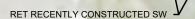
RET EXIST R1-1 **RET EXIST R5-3** 

GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
•		POST CIRCULAR
<b>•</b>	•	HYDRANT
	-0-	UTILITY POLE
<del>()</del>	8	TREE
	Õ	TRASH BIN
	Ō	WATER FOUNTAIN W/ CEMENT CONCRETE FOUNDATION

### TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION	
	<del><!--•!</del-->≻</del>	RRFB FLASHER ASSEMBLY	
		SIGN AND POST	
		PULL BOX 12"x12" (OR AS NOTED)	
		3" SCHEDULE 80 PVC CONDUIT	
0	20	50	100
-			
		SCALE: 1" = 20'	



LEXINGTON MINUTEMAN BIKEWAY CROSSINGS RRFB AT HANCOCK STREET SHEET 7 OF 10

R&R EXIST R5-3 TO P-5 POST

R&R EXIST W11-15 TO RRFB R&R EXIST W16-7pL TO RRFB R&R EXIST 'BIKEWAY' TO RRFB

R&R R5-3

MINUTEMAN **COMMUTER BIKEWAY** 

REEVALUATE W11-15 FOLLOWING FINAL ROUNDABOUT PLACEMENT W/ PROP W16-9p

### GENERAL SYMBOLS

PROPOSED

0 0

EXISTING	
•	
55 C	

DESCRIPTION POST CIRCULAR HYDRANT UTILITY POLE TREE TRASH BIN WATER FOUNTAIN W/ CEMENT CONCRETE FOUNDATION

#### TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
<del><!--•!--></del>	<del>≪ ••• &gt;</del>	RRFB FLASHER ASSEMBLY
		SIGN AND POST
		PULL BOX 12"x12" (OR AS NOTED)
		3" SCHEDULE 80 PVC CONDUIT

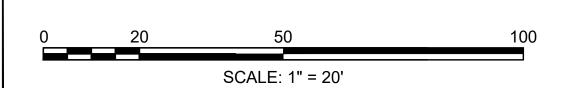
#### ABBREVIATIONS

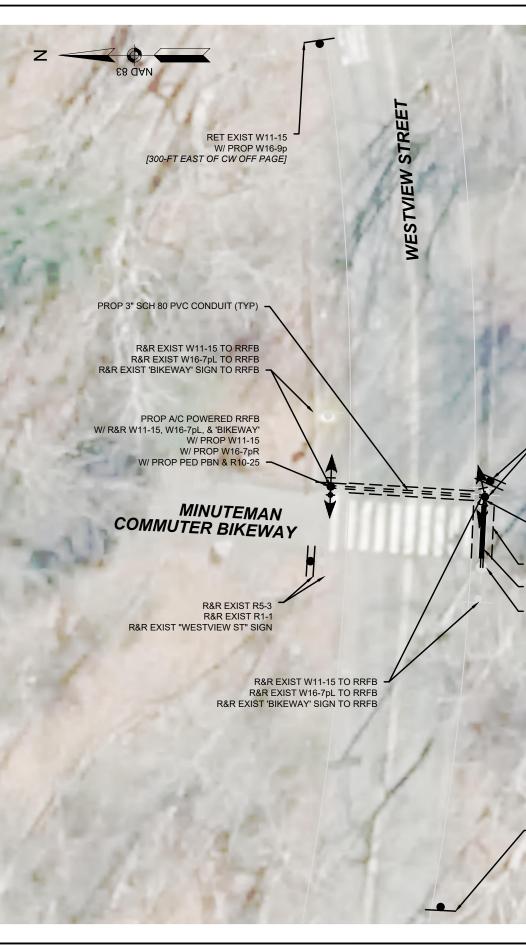
<u>GENERAL</u>	
CEM	CEMENT
CONC	CONCRETE
CW	CROSSWALK
EXIST	EXISTING
FND	FOUNDATION
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PED	PEDESTRIAN
PROP	PROPOSED
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RET	RETAIN
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RRFB	RECTANGULAR RAPID FLASHING BEACON
SL	STOP LINE
ST	STREET
T) (D	7,710.11

- TYP TYPICAL
- UP UTILITY POLE

#### NOTES:

- 1. RRFB FOUNDATIONS SHALL BE POSITIONED AT THE IMMEDIATE EDGE OF BIKEWAY TO MAINTAIN 10-INCH ADA REACH FROM THE BIKEWAY TO THE PUSH BUTTON.
- 2. THE RRFB INDICATIONS SHALL BE ROTATED AS NECESSARY TO BE VIEWED IN THE CENTER OF THE LANE UPSTREAM.
- 3. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
- 4. ALL PAVEMENT MARKINGS DAMAGED BY SAWCUT OR WORK SHALL BE REPLACED IN FULL BY THE CONRACTOR.
- 5. LIMIT OF GRADING / AREAS OF LOAM & SEED NOT SHOWN. ASSUME XX SF BASED ON LOCATIONS OF RRFB AND CONDUIT.





RET EXIST W11-15 W/ PROP W16-9p

RET EXIST UP PROP SERVICE CONNECTION W/ RISER, WEATHERHEAD, & DISCONNECT

- PROP 12" SL

► PROP SAWCUT (TYP)

PROP A/C POWERED RRFB W/ R&R W11-15, W16-7pL, & 'BIKEWAY' W/ PROP W11-15 W/ PROP W16-7pR W/ PROP PED PBN & R10-25 [IMMEDIATELY ADJACENT TO WOOD FENCE]

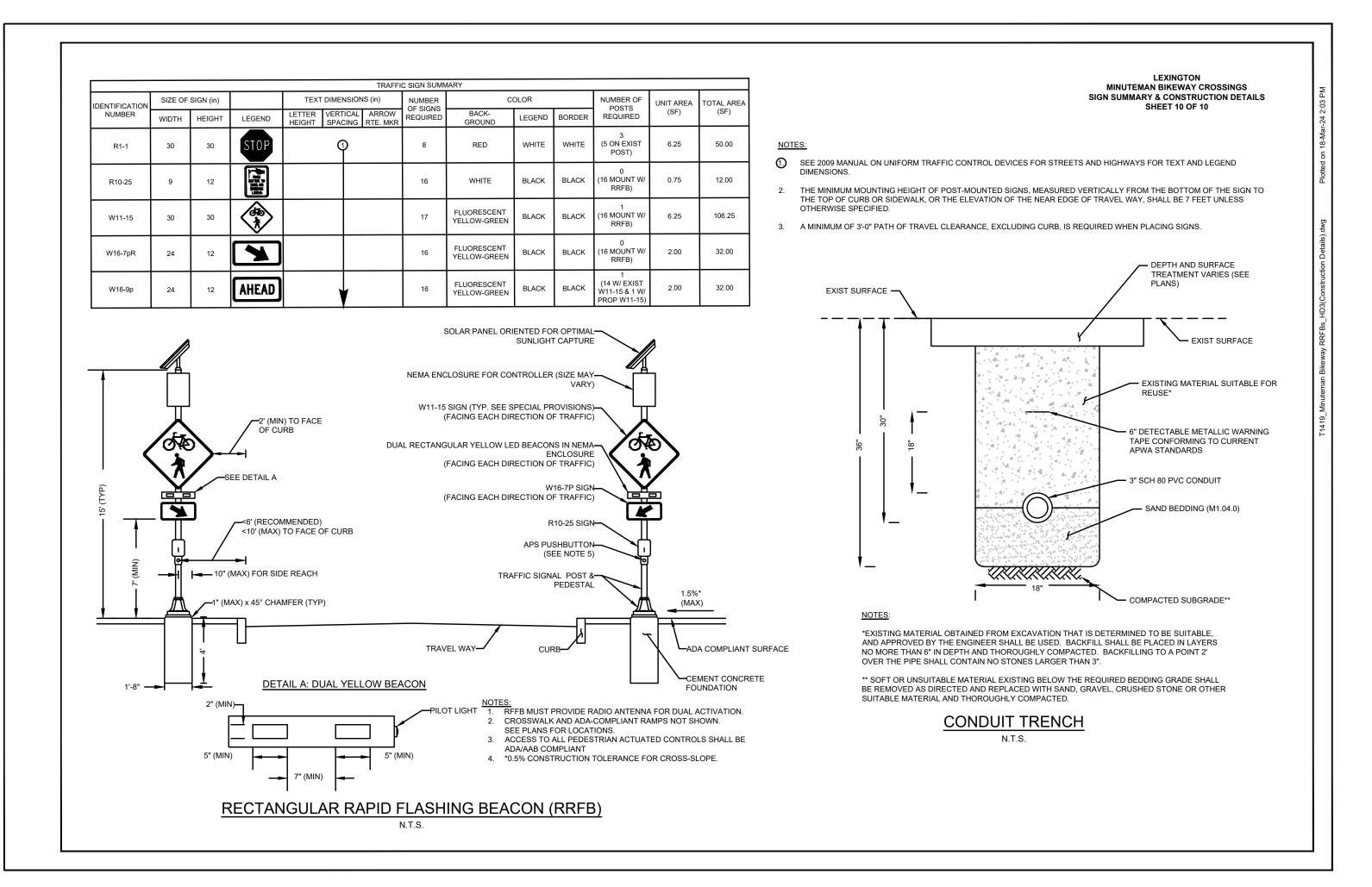
TO OPPOSING SIDE OF WOOD FENCE]

R&R EXIST R1-1 R&R EXIST R5-3 [TO OPPOSING SIDE OF WOOD FENCE]

LEXINGTON MINUTEMAN BIKEWAY CROSSINGS RRFB AT WESTVIEW STREET SHEET 9 OF 10

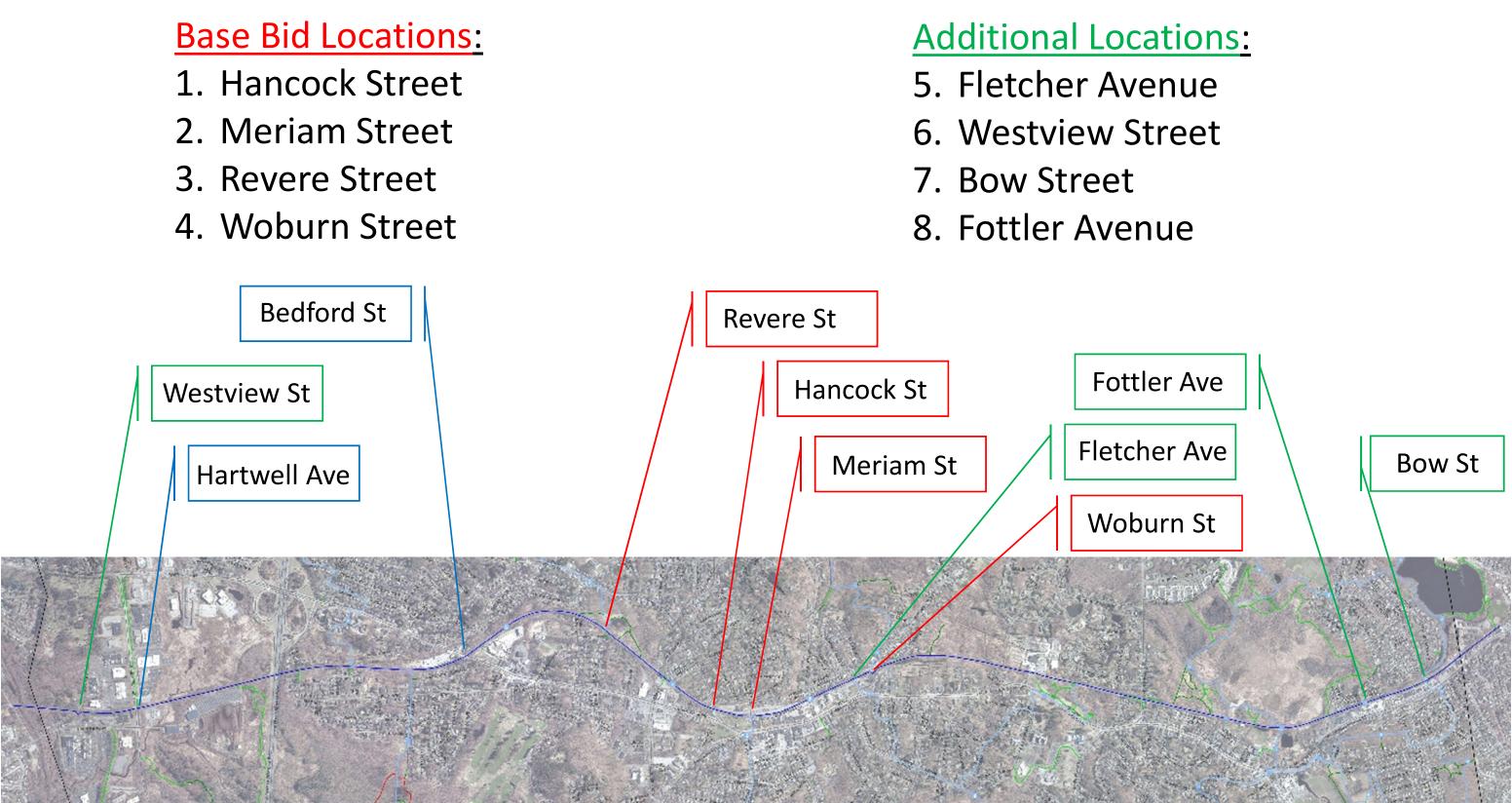
T1419\_Minuteman Bikeway RRFBs\_HD2(Construction F

Plotted on 18-Mar-24 1:40 F



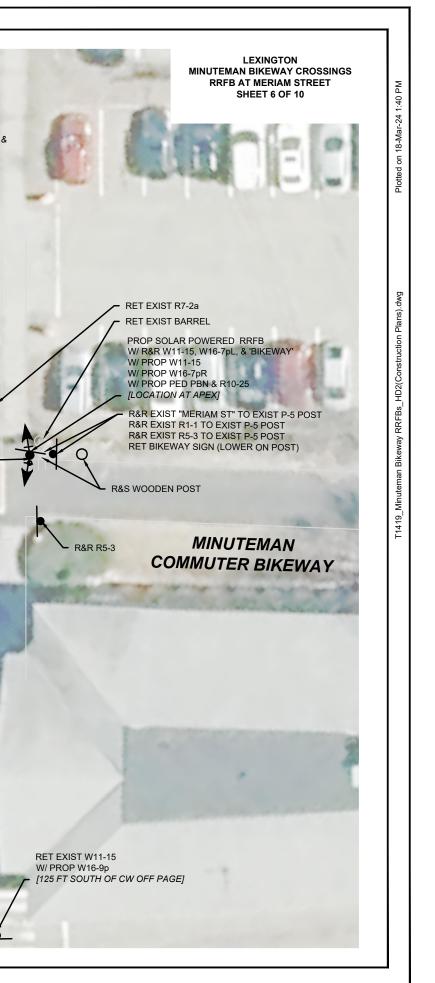
### EXAMPLE RECTANGULAR RAPID FLASHING BEACON MARRETT ROAD AT CARY AVENUE AND MIDDLE STREET (INSTALLED BY MASSDOT)





#### GENERAL SYMBOLS EXISTING PROPOSED DESCRIPTION POST CIRCULAR HYDRANT UTILITY POLE -0 - PROP W11-15 -0-TREE PROP W16-9p ō TRASH BIN [180 FT NORTH OF CW OFF PAGE & NORTH OF EXIST UP] 0 WATER FOUNTAIN W/ CEMENT CONCRETE FOUNDATION TRAFFIC SYMBOLS MERIAM STREET EXISTING PROPOSED DESCRIPTION <del>≪ I ● I 】</del> RRFB FLASHER ASSEMBLY . SIGN AND POST PULL BOX 12"x12" (OR AS NOTED) 3" SCHEDULE 80 PVC CONDUIT = R&R EXIST W11-15 TO RRFB R&R EXIST W16-7pL TO RRFB ABBREVIATIONS **R&R EXIST 'BIKEWAY' TO RRFB** GENERAL CEM PROP SOLAR POWERED RRFB CEMENT RET EXIST UP W/ R&R W11-15, W16-7pL, & 'BIKEWAY' CONC CONCRETE W/ PROP W11-15 CW CROSSWALK W/ PROP W16-7pR EXIST EXISTING W/ PROP PED PBN & R10-25 FND FOUNDATION [LOCATION AT APEX] HMA HOT MIX ASPHALT PBN PUSH BUTTON PFD PEDESTRIAN PROP PROPOSED R&R EXIST W11-15 TO RRFB REM REMOVE R&R EXIST W16-7pL TO RRFB RET RETAIN R&R EXIST 'BIKEWAY' TO RRFB R&R REMOVE AND RESET R&S REMOVE AND STACK RRFB RECTANGULAR RAPID FLASHING BEACON SL STOP LINE ST STREET SW SIDEWALK RET EXIST R1-1 TYP TYPICAL **RET EXIST R5-3** UP UTILITY POLE NOTES: 1. RRFB FOUNDATIONS SHALL BE POSITIONED AT THE IMMEDIATE EDGE OF BIKEWAY TO MAINTAIN 10-INCH ADA REACH FROM THE BIKEWAY TO THE PUSH BUTTON. 2. THE RRFB INDICATIONS SHALL BE ROTATED AS NECESSARY TO BE VIEWED IN THE CENTER OF THE LANE UPSTREAM. 3. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC. ALL PAVEMENT MARKINGS DAMAGED BY SAWCUT OR WORK SHALL BE REPLACED IN FULL BY THE 4. CONTRACTOR. 5. LIMIT OF GRADING / AREAS OF LOAM & SEED NOT SHOWN. ASSUME XX SF BASED ON LOCATIONS OF RRFB AND CONDUIT. 20 50 100 0

SCALE: 1" = 20'



#### GENERAL SYMBOLS

PROPOSED

800

EXISTING -

POST CIRCULAR HYDRANT UTILITY POLE TREE TRASH BIN

### WATER FOUNTAIN W/ CEMENT CONCRETE FOUNDATION

DESCRIPTION

### TRAFFIC SYMBOLS

PROPOSED	DESCRIPTION
<del>≺••</del> •>	RRFB FLASHER ASSEMBLY
	SIGN AND POST
	PULL BOX 12"x12" (OR AS NOTED)
	3" SCHEDULE 80 PVC CONDUIT

### ABBREVIATIONS

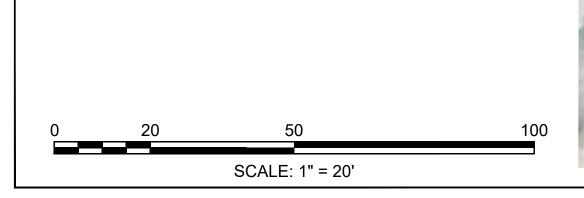
<u>GENERAL</u>	
CEM	CEMENT
CONC	CONCRETE
CW	CROSSWALK
EXIST	EXISTING
FND	FOUNDATION
PBN	PUSH BUTTON
PED	PEDESTRIAN
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RRFB	RECTANGULAR RAPID FLASHING BEACON
SI	STOPLINE

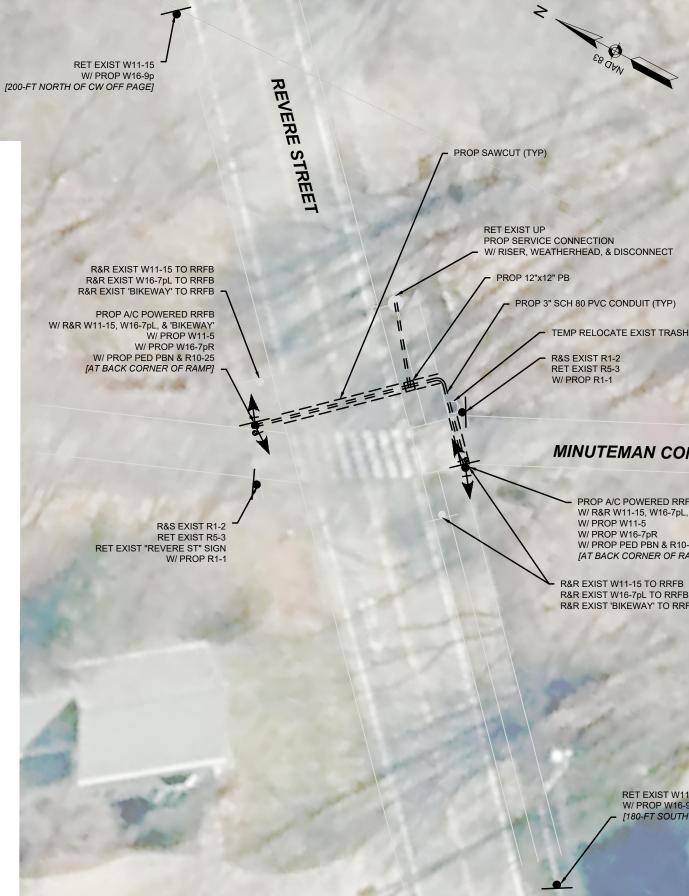
### STOP LINE STREET

- ST TYP
- TYPICAL UP UTILITY POLE

#### NOTES:

- 1. RRFB FOUNDATIONS SHALL BE POSITIONED AT THE IMMEDIATE EDGE OF BIKEWAY TO MAINTAIN 10-INCH ADA REACH FROM THE BIKEWAY TO THE PUSH BUTTON.
- 2. THE RRFB INDICATIONS SHALL BE ROTATED AS NECESSARY TO BE VIEWED IN THE CENTER OF THE LANE UPSTREAM.
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LEXINGTON MINUTEMAN BIKEWAY CROSSINGS RRFB AT REVERE STREET SHEET 8 OF 10

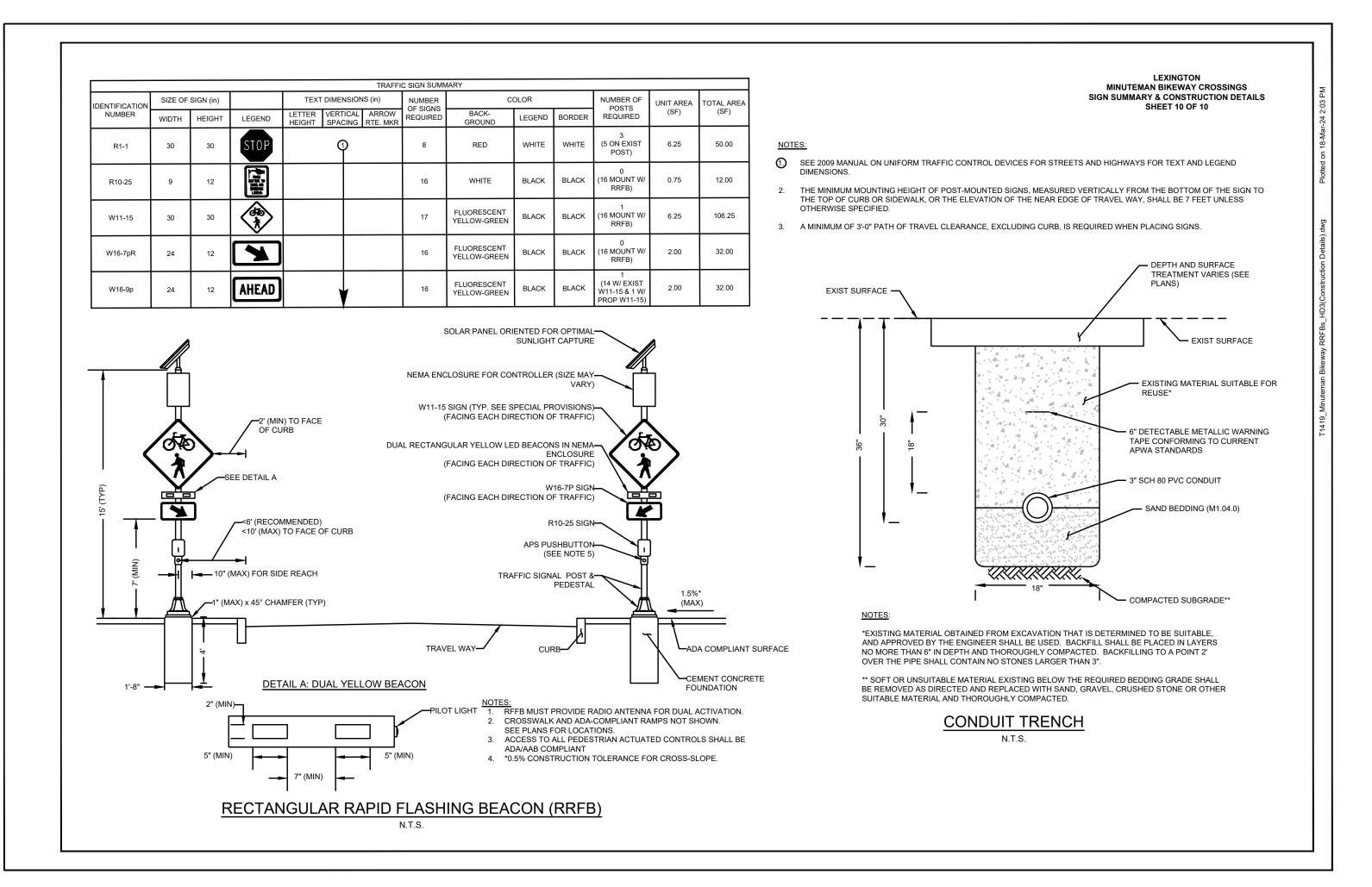
- TEMP RELOCATE EXIST TRASH BIN

### MINUTEMAN COMMUTER BIKEWAY

PROP A/C POWERED RRFB W/ R&R W11-15, W16-7pL, & 'BIKEWAY' W/ PROP PED PBN & R10-25 [AT BACK CORNER OF RAMP]

R&R EXIST W11-15 TO RRFB R&R EXIST W16-7pL TO RRFB R&R EXIST 'BIKEWAY' TO RRFB

> RET EXIST W11-15 W/ PROP W16-9p [180-FT SOUTH OF CW OFF PAGE]



# Hancock St



# Hancock St



# Meriam St



# Meriam St



# Revere St



## Revere St



# Woburn St



# Woburn St



### Fletcher Ave



### Fletcher Ave



### **Westview St**



# **Westview St**



# Bow St



# Bow St



## Fottler Ave



### Fottler Ave



### AGENDA ITEM SUMMARY

### LEXINGTON SELECT BOARD MEETING

### AGENDA ITEM TITLE:

Request to Add Parking Restriction for REV Shuttle Adjacent to Brookline Bank, 1793 Massachusetts Avenue

### **PRESENTER:**

### ITEM NUMBER:

Susan Barrett, Transportation Manager

I.3

### SUMMARY:

### **Category: Decision-Making**

Attached please find the presentation explaining the need to move the Rev Shuttle drop off spot from in front of the Depot Building to a spot in front of the Brookline Bank. The request is to reserve these two parking spots <u>only</u> on Monday through Friday from the hours of 7 AM to 9 AM. At all other times, the parking would be open to general parking. Susan Barrett will be attending the meeting to present this item and has prepared sample signage.

### **SUGGESTED MOTION:**

Move to approve reserving two parking spaces for The Rev Shuttle, adjacent to Brookline Bank on Depot Square for the hours of 7:00 AM to 9:00 AM Monday through Friday.

### **FOLLOW-UP:**

### DATE AND APPROXIMATE TIME ON AGENDA:

4/8/2024 6:30pm

### **ATTACHMENTS:**

Description

D Presentation

Type Cover Memo

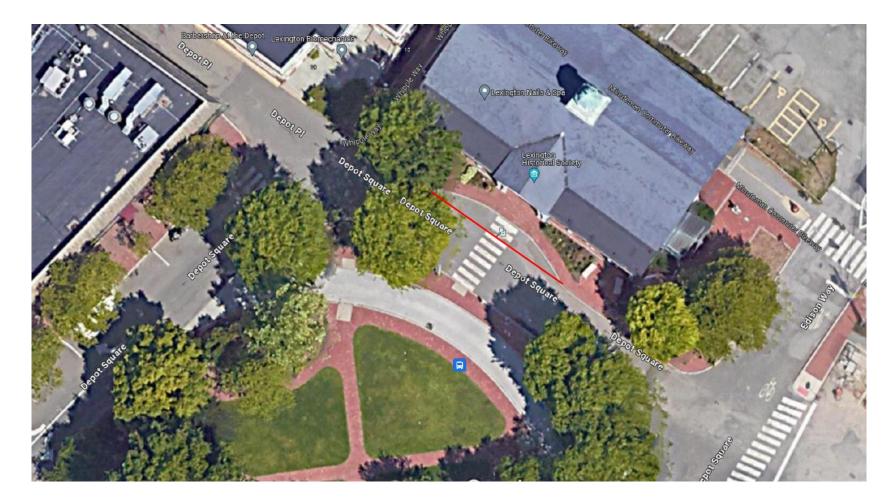
# Request to restrict metered parking at Brookline Bank Monday-Friday 7AM-9AM for REV Alewife Shuttle

Presented by Susan Barrett, Transportation Manager

to Select Board

April 8, 2024

# **Current REV Parking Location**



The REV currently parks in the carved out area in front of the Depot Building.

# Proposed new REV parking location



Proposal is to park shuttle in these two metered parking spaces alongside Brookline Bank only in the AM. Currently, the REV is scheduled for pick-ups in Lexington Center at 7:20AM and 8:45AM Mon-Fri. Those times will not always be constant, but would occur between 7AM-9AM Mon-Fri.

# Draft of Possible Signage



### AGENDA ITEM SUMMARY

### LEXINGTON SELECT BOARD MEETING

### **AGENDA ITEM TITLE:**

Review and Approve Town Manager Search Screening Committee Charge

<b>PRESENTER:</b>
-------------------

ITEM NUMBER:

Board Discussion

I.4

### **SUMMARY:**

### **Category: Decision-Making**

The Select Board is being asked to review and approve the proposed Town Manager Search Screening Committee Charge and allow for any non-substantive edits to be made if needed.

### **SUGGESTED MOTION:**

Move to approve Town Manager Search Screening Committee Charge (as proposed/as amended) allowing staff to make non-substantive edits as necessary.

### **FOLLOW-UP:**

Select Board Office

### DATE AND APPROXIMATE TIME ON AGENDA:

4/8/2024

6:35pm

### **ATTACHMENTS:**

### Description

Туре

 D
 Proposed TM Search Screening Committee Charge

D Proposed TM Search Screening Committee Charge - Redlined

Backup Material Backup Material

### Town Manager Search Screening Committee Charge

Authority	The Town Manager Search Screening Committee is an ad hoc committee appointed by the Select Board.	
Membership	The Town Manager Search Screening Committee will have nine (9) members composed as follows:	
	<ul> <li>2 Select Board Members</li> <li>1 Planning Board Member</li> <li>1 Business Representative</li> <li>5 Community Representatives/ Town Meeting/Committee members</li> </ul>	
	The Screening Committee should represent a diversity of lived experience, relevant expertise and community involvement.	
Liaisons	The Town Manager Search Screening Committee will have one liaison from the Appropriation Committee and one from the Capital Expenditures Committee.	
Purpose	The purpose of the Committee will be to recommend to the Select Boar finalists for consideration for appointment as Lexington's next Town Manager.	
	Consistent with State law, the meetings and deliberations of the Committee shall be subject to the Open Meeting law, but the names of applicants and candidates interviewed by the Committee shall not be made public and Screening Committee interviews shall be in Executive Session under Exemption 8.	
Responsibilities	The Committee's responsibilities shall be to:	
	<ol> <li>Assist the Executive search consultant(s) in outlining and promoting community listening and discussion sessions with Town Boards and Committees, Town employees, citizens and other community stakeholders, as outlined in the timeline; in order to help inform the Select Board on the qualities, strengths, and characteristics of candidates they envision for the Town Manager.</li> </ol>	
	2. Review the Board of Selectmen-Town Manager Act and understand the Town Manager's role.	
	3. Work with the executive search consultant(s) to review community input and feedback regarding the traits and management style desired for the next Town Manager and develop selection criteria for evaluating the candidates.	
	4. Review candidates' resumes and application materials. Evaluate resumes and application materials recommended for interview based upon the established selection criteria. Approve recommended list of applicants for interview.	

	5. Work with the consultant to develop interview questions for the Screening Committee interviews.	
	6. Conduct interviews of the recommended candidates in executive session.	
	7. Review background and references as appropriate.	
	8. Recommend to the Select Board a minimum of three final candidates, who best match the selection criteria, unless a lesser number is agreed upon by the Select Board.	
	9. Work with the Consultant to provide a report of the key attributes of each candidate recommended.	
Deliverable	It is expected that Committee shall begin its work by mid-May and shall submit its list of recommended finalists to the Select Board by August 14, 2024, unless another date is agreed to by the Select Board.	
COMMITMENTS	The time commitment for the search screening committee will span mid-May through mid-August with frequent regularly scheduled meetings, including several half day or longer sessions, to include community listening sessions, resume reviews, screening interviews and evaluation sessions. It is expected that any appointed member will attend all evaluative sessions.	

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	2. Review the Board of Selectmen-Town Manager Act and understand the Town Manager's role	
	← Formatted: Indent: Left: 0", First line 2 Work with the executive search concultant(a) to review community.	e: U"
	3. Work with the executive search consultant(s) to review community input and feedback regarding the traits and management style desired for the next Town Manager and develop.	
4. Review and	d approve the executive search consultants' proposed selection criteria for	e: 0"
evaluating the candi		

	<ol> <li>Review candidate<sup>2</sup>s<sup>2</sup> resumes and application materials. Evaluate resumes and application materials recommended for interview based upon the established selection criteria. Approve recommended list of applicants for interview.</li> </ol>	
	6. Work with the consultant to develop interview questions for the Screening Committee interviews.	
	7. Conduct interviews of the recommended candidates in executive session.	
	8. Review background and references as appropriate.	
	9. Recommend to the Select Board a minimum of three final candidates, who best match the selection criteria, unless a lesser number is agreed upon by the Select Board.	
	10. Work with the Consultant to provide a report of the key attributes of each candidate recommended.	
	11. Assist the Select Board, collectively and individually, in preparing for- interviews in executive session and in open session under the Massachusetts Open Meeting law.	
	+	<b>Formatted:</b> Indent: Left: 0", First line: 0"
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