



## Welcome!

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This is a **Public Meeting** on the Bus Network Redesign.

Please settle in!

The meeting will start shortly.





Better  
**Bus**  
Project

Making transit  
better together

## Bus Network Redesign

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Public Meeting  
November 2, 2022



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# Diversity and Civil Rights

## English

All MBTA activities, including public meetings, are free of discrimination. The MBTA complies with all federal and state civil rights requirements preventing discrimination on the basis of race, color, national origin, limited English proficiency, and additional protected characteristics. We welcome the diversity from across our entire service area. If you have any questions or concerns, please visit [www.mbta.com/titlevi](http://www.mbta.com/titlevi) to reach the Office of Diversity and Civil Rights.

## Spanish

Todas las actividades de MBTA, incluidas las reuniones públicas, están libres de discriminación. La MBTA cumple con todos los requisitos de derechos civiles federales y estatales que impiden la discriminación por motivos de raza, color, origen nacional, dominio limitado del inglés y características protegidas adicionales. Damos la bienvenida a la diversidad de toda nuestra área de servicio. Si tiene alguna pregunta o preocupación, visite [www.mbta.com/titlevi](http://www.mbta.com/titlevi) para comunicarse con la Oficina de Diversidad y Derechos Civiles.

## Chinese

MBTA 的所有活动，包括公开会议，都没有歧视。MBTA 遵守所有联邦和州公民权利要求，防止基于种族、肤色、国籍、有限的英语能力和其他受保护特征的歧视。我们欢迎来自我们整个服务领域的多样性。如果您有任何问题或疑虑，请访问 [www.mbta.com/titlevi](http://www.mbta.com/titlevi) 联系多元化和民权办公室。

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# Welcome

## English

Thank you for joining the meeting! We appreciate your participation.

- This meeting will be recorded so that it can be shared with the people that were unable to join.
- All participants will be muted upon entry so that only the presenters can be heard.

## Spanish

¡Gracias por atender esta junta! Agradecemos su participación.

- Esta junta estaría grabada para poder compartir con los que no pudieron asistir.
- Los participantes están silenciados al entrar la junta para que solo se pueda oír a los presentadores.

## Chinese

感谢您参与此会议！

- 本次会议将会被录像，以便我们把它分享给没能来参加的人。
- 所有参与者在进来时都会被静音，以便于演讲者能被听到。

# Interpretation

## English

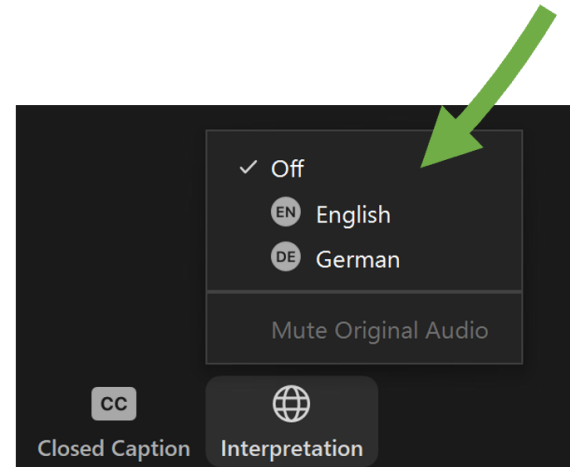
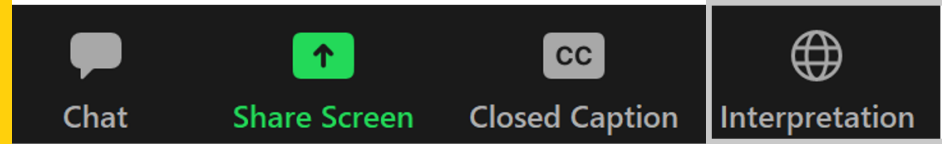
We offer interpretation during this meeting. In your meeting/webinar controls, click Interpretation (the small globe icon) and click the language that you would like to hear.

## Spanish

Ofrecemos interpretación en español durante esta junta. Para escoger el audio en Inglés o en Español tendrá que picar el botón de interpretación, el cual tiene un imagen de un mundo. Cuando le pique la interpretación por favor de escoger el idioma cual le gustaria oír.

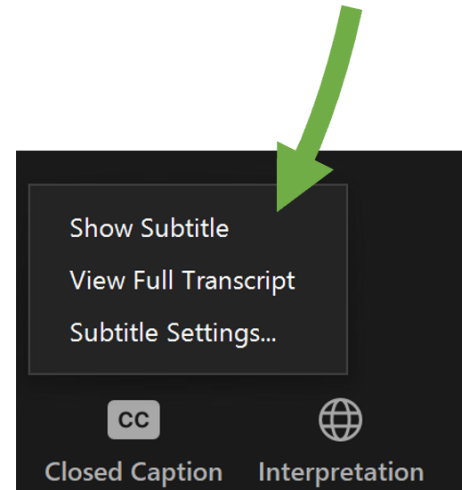
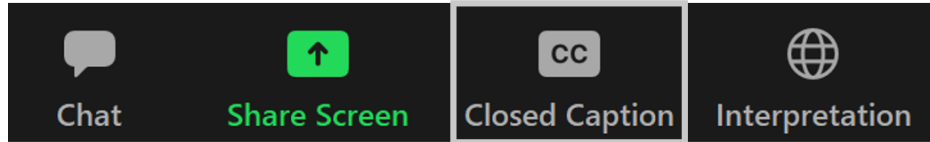
## Chinese

我们本次会议期间提供口译服务。在您的会议/网络研讨会的控件中，单击口译（小地球图标），并单击您想听到的语言



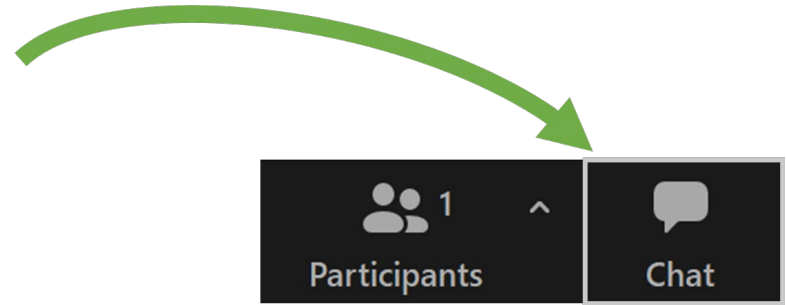
# Captioning

- You can view closed captions by clicking the **Closed Captions** feature and selecting from the options shown.
- **Show Subtitle** will display a caption at the bottom of the screen.
- **View Full Transcript** will display the meeting's audio transcription in a window to the right.
- To adjust the caption size, click the upward arrow next to **Start Video / Stop Video**. Click **Video Settings** then **Accessibility**. Move the slider to adjust the caption size.



# Chat


- You may use the **Chat button** to submit a typed question or comment at any point during the meeting. The chat is not open, but if you direct your question to “**Ask A Question**” we will receive the comment/question.
- If you have a technical problem, please share your issue in the **Chat feature** at any point during the meeting with a member of the project staff, and we will respond as quickly as possible.



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# Today's Meeting

Better  
**Bus**  
Project



Making transit  
better together

-  **Presentation**
-  **Breakout Rooms - Presentations by Area**
-  **Q & A**



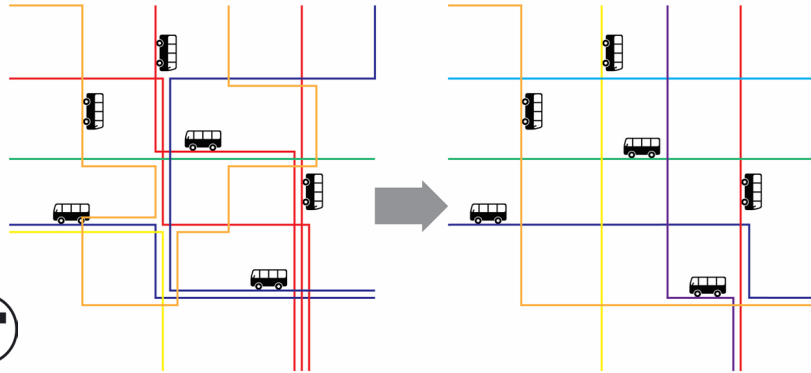
# What is the Better Bus Project (BBP)?

A series of integrated projects across the authority to transform and create a better experience for both current and future bus riders



# What is Bus Network Redesign?

**A complete re-imagining of the MBTA's bus network to better reflect the travel needs of the region and create a better experience for current and future bus riders.**



# Why are we doing this?

**The region has changed.**

**But our bus network has not changed with it.**

**Transit is essential to the region's economy. And the bus serves our most transit-dependent populations.**

**However, there isn't enough frequent service when people need it, and the network is difficult to understand due to route variations/deviations.**

**So it's essential that our bus network changes.**

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# What we are trying to do

- 1 Equity first\*, prioritizing the needs of those who depend on buses and need frequent, reliable service**
- 2 More frequent service in busy neighborhoods**
- 3 More all-day service**
- 4 New connections to more places (including non-downtown centers)**
- 5 A network that's simpler and easier to use**
- 6 More transit priority and other infrastructure to improve reliability and accessibility**

**\*Equity is defined as improving access and quality of service for transit-critical populations**

(low-income populations, people of color, seniors, people with disabilities, or people who live in households with few or no vehicles)

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# **We've developed a revised network proposal using service design principles and public feedback**

- 1 Prioritize frequency over one seat rides**
- 2 Create rapid transit connections, but also keep going for crosstown trips**
- 3 Focus on all-day service**
- 4 Combine routes to create high frequency corridors**
- 5 Minimize route variations**
- 6 Minimize deviations on high frequency routes**

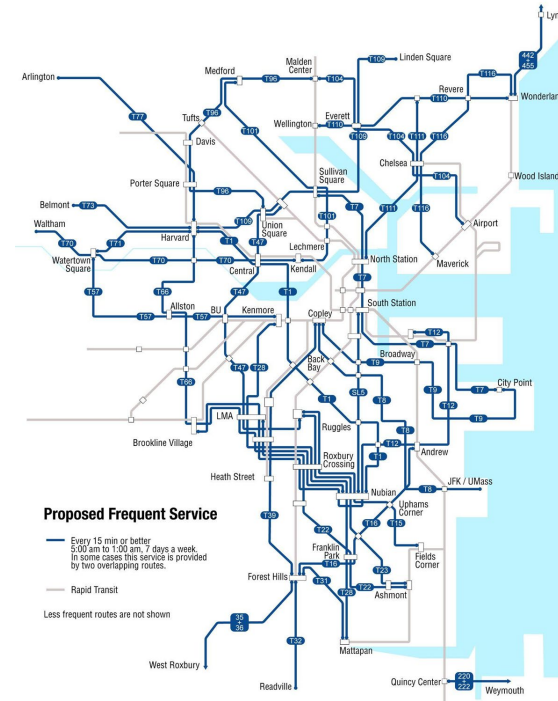
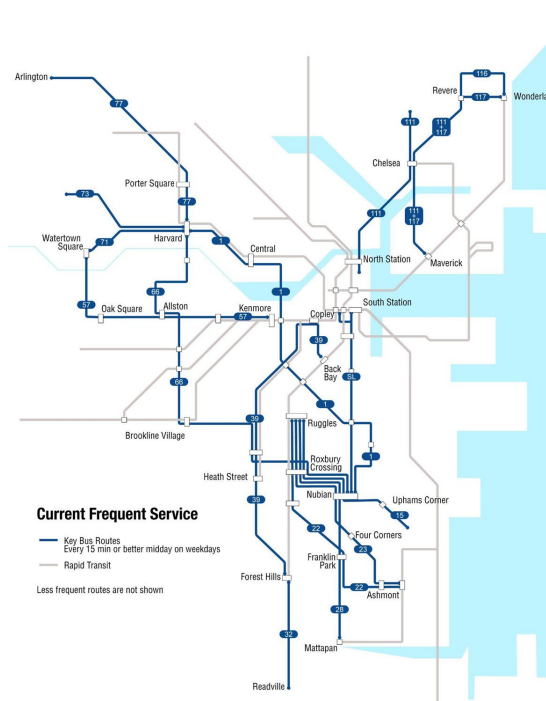
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# Public Feedback is a key component of bus network planning

- Our May draft network proposal was based on quantitative travel data, but that data does not tell us about our riders' lived experience, or how bus service relates to other aspects of their lives (housing, employment, etc.)
- Quantitative data-driven decision making must be balanced with qualitative data gathering through public engagement efforts
- We've incorporated public feedback, while following our service design principles, to create a Revised Bus Network

# The Revised Bus Network would still:

- **increase service by 25% across the network**
- **double the number of high frequency corridors**
- **Buses every 15-minutes or better, all-day, 7 days a week**



Frequent service, current network (left) and revised network (right)

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# Changes made to the draft network proposal

- **Changes were made to 85 of the 133 proposed routes in the May 2022 Draft Bus Network**
- **Changes include new routing, restoration of existing routes, addition or subtraction of routes, extensions of routes, and modifications to frequency and span of service**
- **Changes were made for five primary reasons:**
  - To respond to public feedback received on the draft bus network proposal.
  - To improve access to hospitals, senior centers, and other destinations.
  - To reduce walk distances for seniors and other riders and in locations with challenging topography.
  - To preserve existing one-seat rides to many destinations.
  - To balance resources and stay within the limit of buses available during peak times, and within the overall service limit of 25% more service above the existing network.

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# Summary of Changes

- **Restoration of existing routes to their current routing (in part or in whole)**
  - 14, 17, 26, 29, 34E, T39, 44, 45, T47, 55, 67, 74, 87, 89, 100, 131, 134, 201, 202, 210, 215, 230, 236, 238, 240, 354, 429, 451, 505
- **Rerouting to better provide better connections to medical facilities, senior housing, and other destinations, or at the request of municipalities**
  - T8, 11, T12, 18, 42, 53, 54, 59, 62, 64, 76, 83, 95, 96, 99, T101, T104, 105, 106, 108, 112, 119, 120, 211
- **Routes added to the Revised Bus Network that were not in the May 2022 draft**
  - 41, T47, 56, 58, 65, 80, 85, 113
- **Frequency or span adjustments (but not route changes)**
  - 30, 52, 78, 132, 216, 225, 226, 245, 435, 504, SL2
- **Routes that were included in the May 2022 draft but are not in the Revised Bus Network (see table in appendix for related changes)**
  - 20, 70, 94, 133, 237, 350



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# The Revised Bus Network is now publicly available

- **Posted on the project website:**
  - List of all changes made to the May 2022 draft network proposal
  - Interactive and static maps showing the Revised Bus Network
  - Online comment form (in addition to project email address, and mailing address) for submitting comments to the Bus Transformation Office
- **Equity Analysis of the Revised Bus Network is underway and will be completed by December**
- **Public Meeting on Revised Bus Network Equity Analysis to be held this Winter**

# From Planning to Implementation

Spring-Summer  
2022

Fall  
2022

2023

2024

2025

2026

2027

Draft network  
proposal

Adopt revised  
network

Phase #1

Phase #2

Phase #3

Phase #4

Phase #5

Transit Priority, Bus Stop Installation, Busway Modifications, Signage



**Implementation Challenges:**  
1. Bus operator shortage  
2. Delivering transit priority projects  
3. Fleet and facilities program



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## How to stay informed

- Stay updated on the project: [mbta.com/bnrd](https://www.mbta.com/bnrd)
- Share a comment: [mbta.com/bnrdfeedback](https://www.mbta.com/bnrdfeedback)
- To learn more about other MBTA bus initiatives, visit the Better Bus Project website: [mbta.com/betterbus](https://www.mbta.com/betterbus)
- For general inquiries on MBTA public outreach, contact [publicengagement@mbta.com](mailto:publicengagement@mbta.com)

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# Small Group Discussions

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# Small Group Discussions

**Breakout 1:** Beverly, Chelsea, Danvers, East Boston, Everett, Lynn, Lynnfield, Malden, Marblehead, Melrose, Nahant, Peabody, Reading, Revere, Salem, Saugus, Stoneham, Swampscott, Wakefield, Winthrop

**Breakout 2:** Arlington, Bedford, Burlington, Cambridge, Lexington, Medford, Somerville, Winchester, Woburn

**Breakout 3:** Boston, Brookline

**Breakout 4:** Belmont, Needham, Newton, Waltham, Watertown

**Breakout 5:** Avon, Braintree, Brockton, Canton, Dedham, Hingham, Holbrook, Hull, Milton, Norwood, Quincy, Randolph, Walpole, Westwood, Weymouth

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# Small Group Discussion – Instructions

- You may select the breakout session you want to attend. You may also switch between rooms during the session.
- Each room will have a facilitator, who will provide a short presentation about the changes in that region, then take questions.
- After the presentation, you can raise your hand in the room to ask a question or share your question in the chat.
- The group discussion will last until **7:15**.
- At 7:15, you will be moved back into the main room.

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# Small Group Discussions

Meeting attendees are in small groups to discuss the Revised Network map.

If you are just joining:

- Let us know which room you would like to join.
- We will be reconvening at 7:15 pm.

**Breakout 1:** Beverly, Chelsea, Danvers, East Boston, Everett, Lynn, Lynnfield, Malden, Marblehead, Melrose, Nahant, Peabody, Reading, Revere, Salem, Saugus, Stoneham, Swampscott, Wakefield, Winthrop

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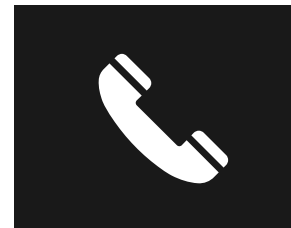
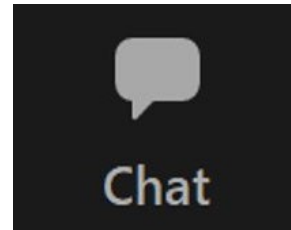
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# Q&A



# Questions & Answers

- Please share only one question or comment at a time.
- Use the **“Chat”** button to submit a typed question or comment. The chat is not open, but if you direct your question to “Ask A Question” we will receive the comment/question.
- Press the **“Raise Hand”** button to share your question or comment verbally. Wait for the moderator to recognize and unmute you before speaking.
- If you have joined by phone only, you may “raise your hand” by pressing the star button and then nine (\*9).
- *After you speak, we will lower your hand and you will be muted to allow the team to respond and provide opportunities for others to participate.*



To speak,  
click **“Participants”**  
then **“Raise hand”**

**Send a chat**  
to “Ask A Question”

**\*9**  
Raise Hand

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## How to stay informed

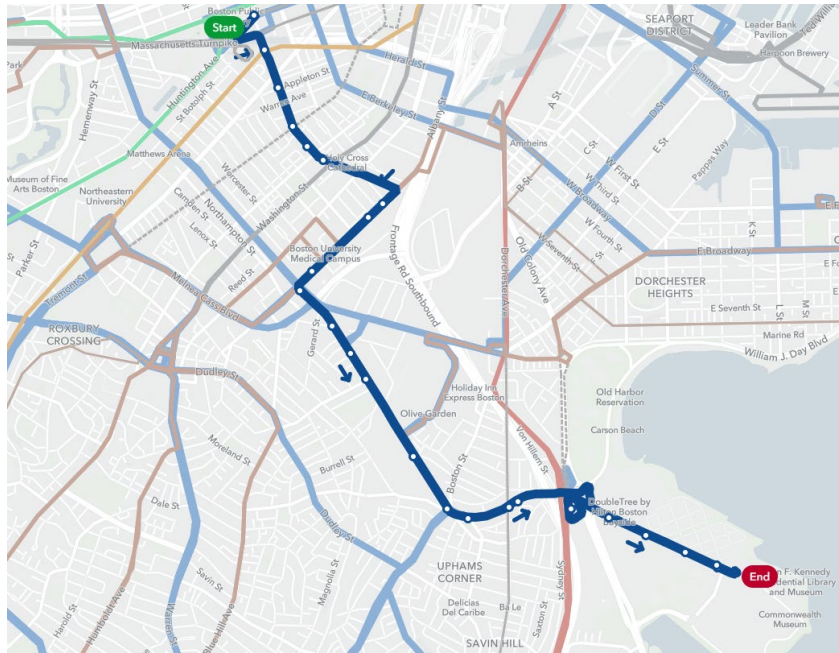
- Stay updated on the project: [mbta.com/bnrd](https://www.mbta.com/bnrd)
- Share a comment: [mbta.com/bnrdfeedback](https://www.mbta.com/bnrdfeedback)
- To learn more about other MBTA bus initiatives, visit the Better Bus Project website: [mbta.com/betterbus](https://www.mbta.com/betterbus)
- For general inquiries on MBTA public outreach, contact [publicengagement@mbta.com](mailto:publicengagement@mbta.com)

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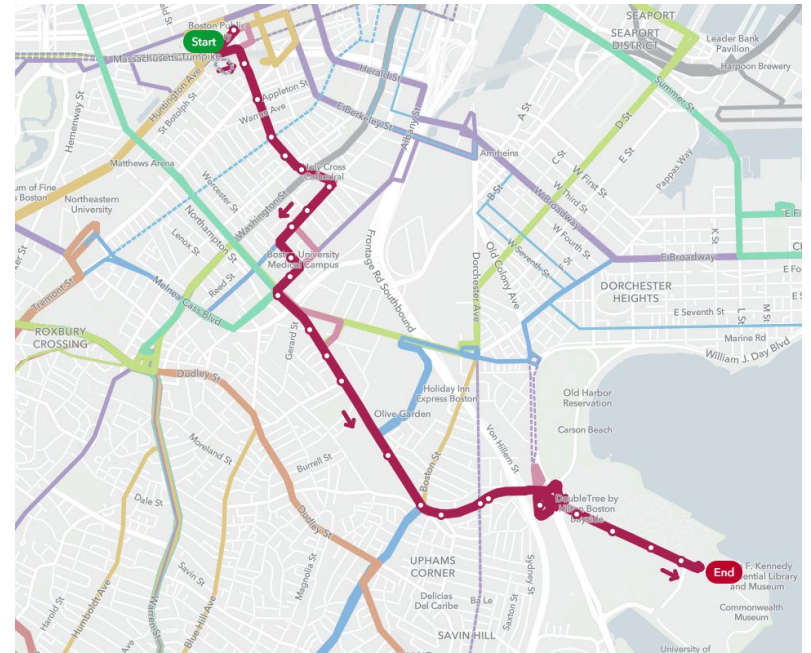
# Route Changes since May 2022 Draft Map

# Bus Route T8

Draft Bus Network (May 2022)

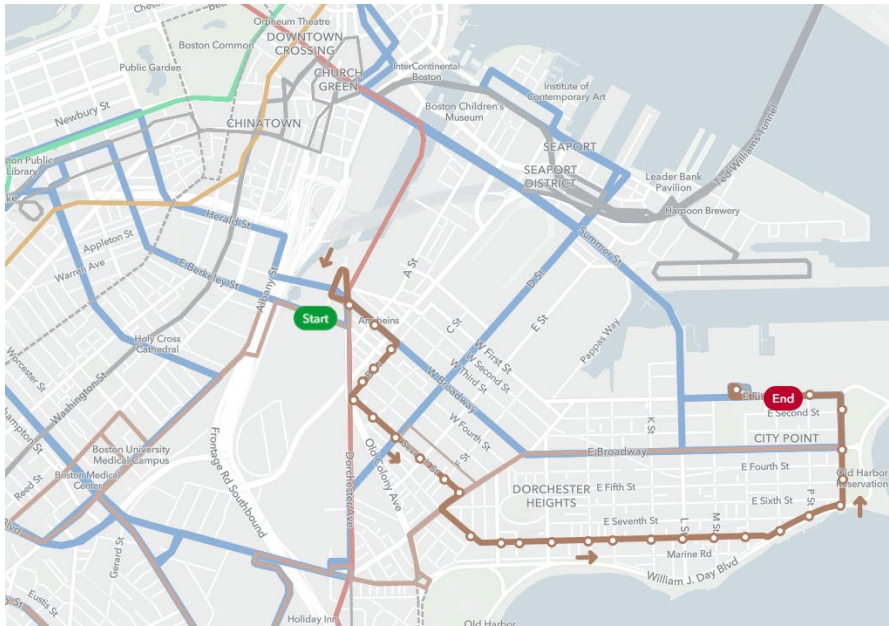


Revised Bus Network (Fall 2022)

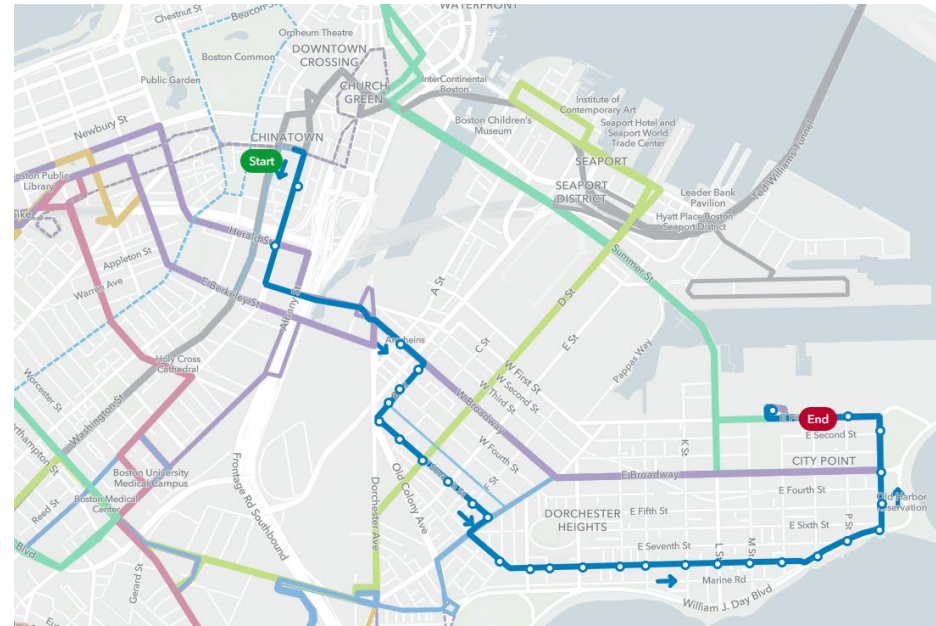


# Bus Route 11

Draft Bus Network (May 2022)

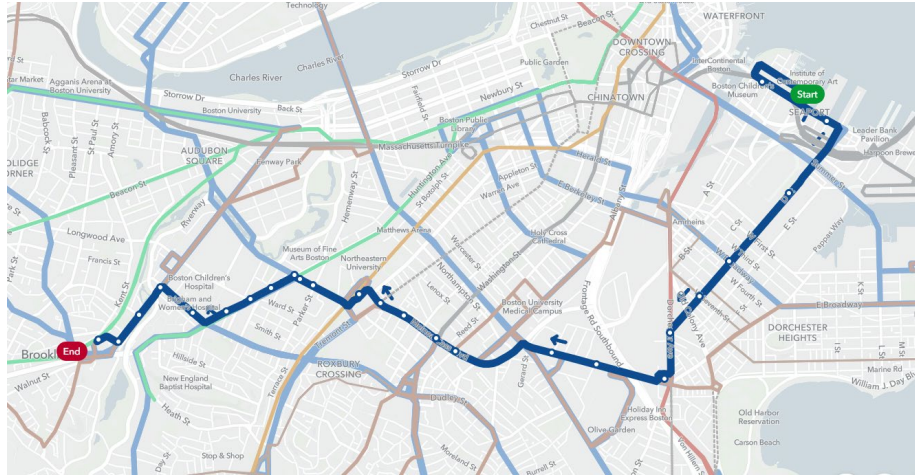


Revised Bus Network (Fall 2022)

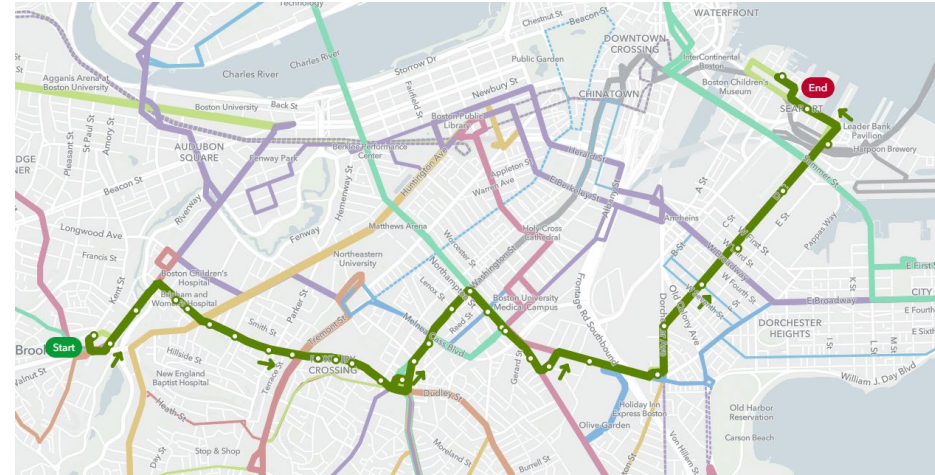


# Bus Route T12

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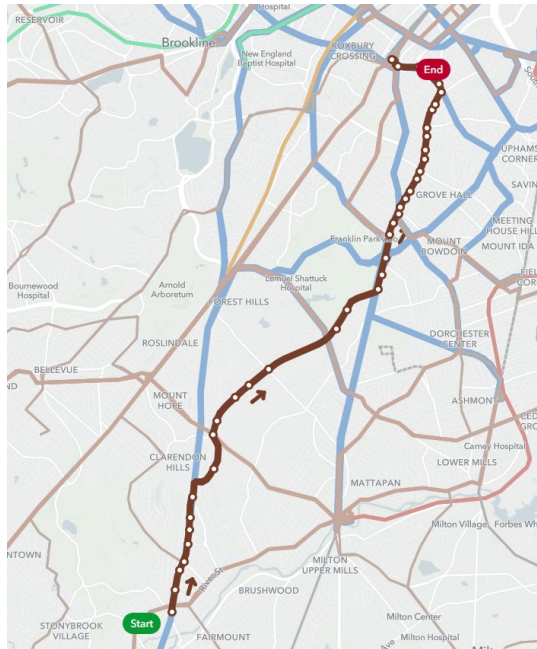


Revised Bus Network (Fall 2022)

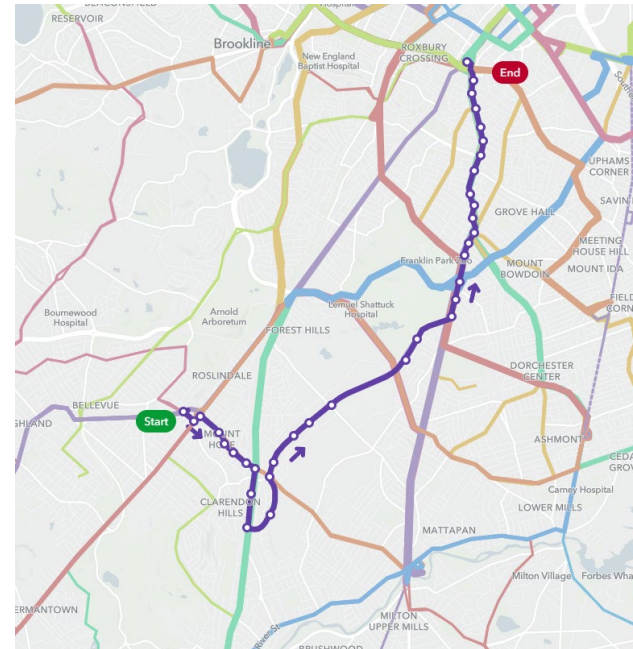


# Bus Route 14

Draft Bus Network (May 2022)

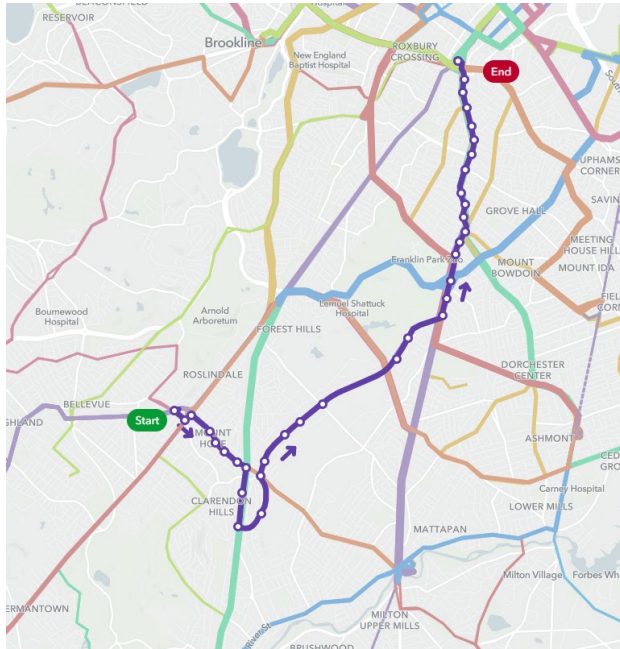


Revised Bus Network (Fall 2022)

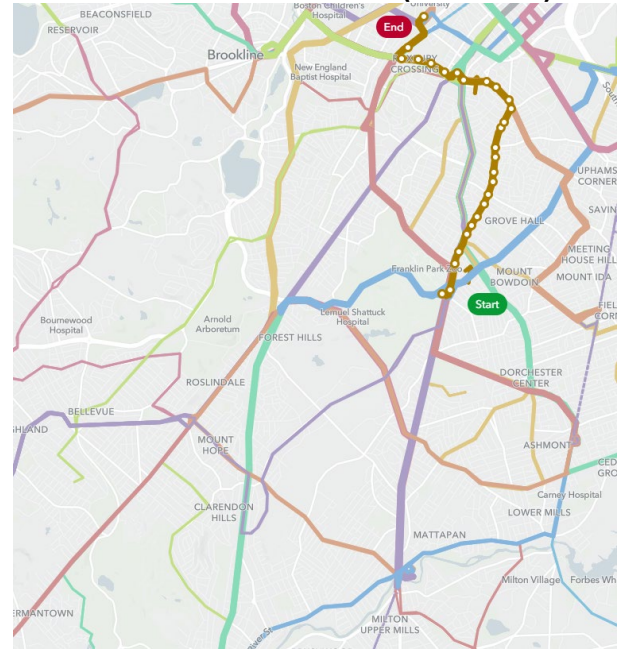


# Bus Routes 14 and 45

Revised Bus Network (Fall 2022)



Revised Bus Network (Fall 2022)

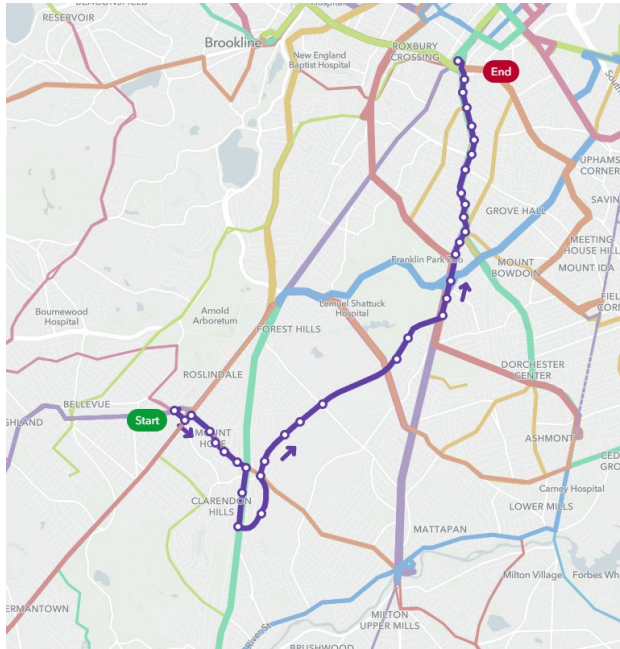


For more information on this route, watch the recording from breakout room 3.

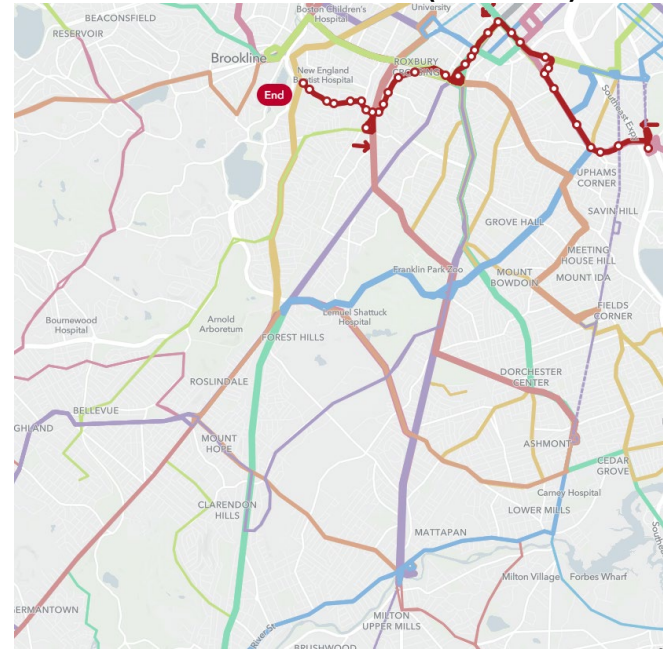


# Bus Routes 14 and 41

Revised Bus Network (Fall 2022)

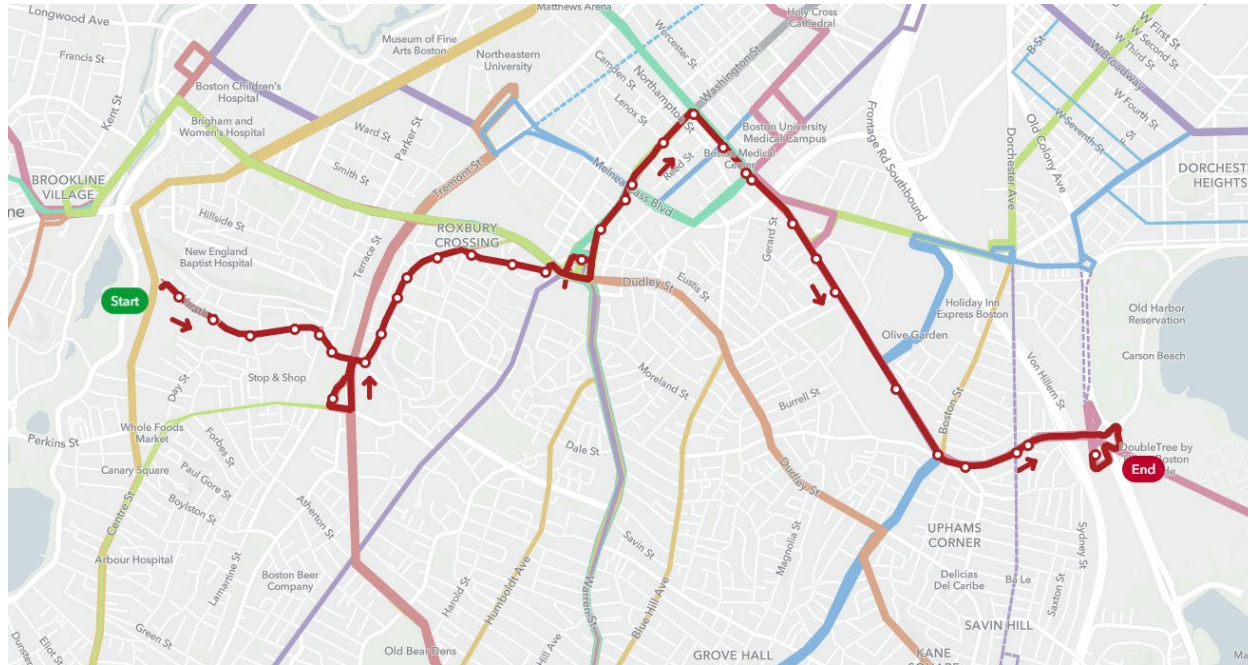


Revised Bus Network (Fall 2022)



# Bus Route 41

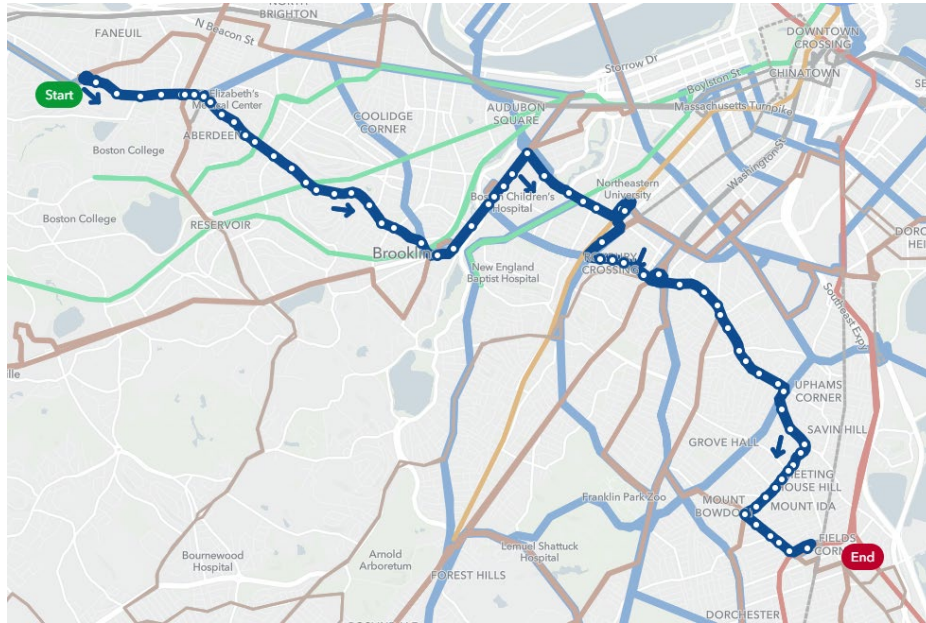
## Revised Bus Network (Fall 2022)



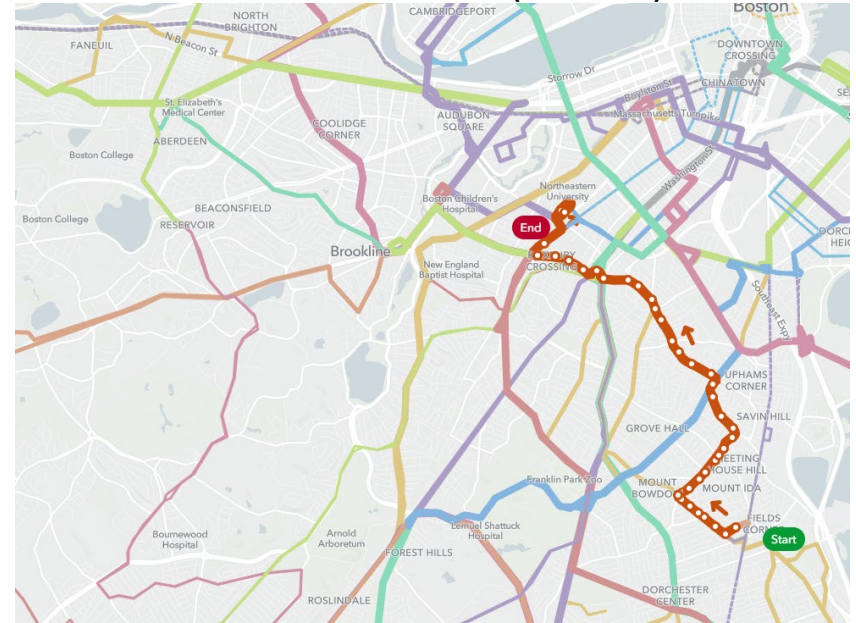
For more information on this route, watch the recording from breakout room 3.

# Bus Route T15

Draft Bus Network (May 2022)

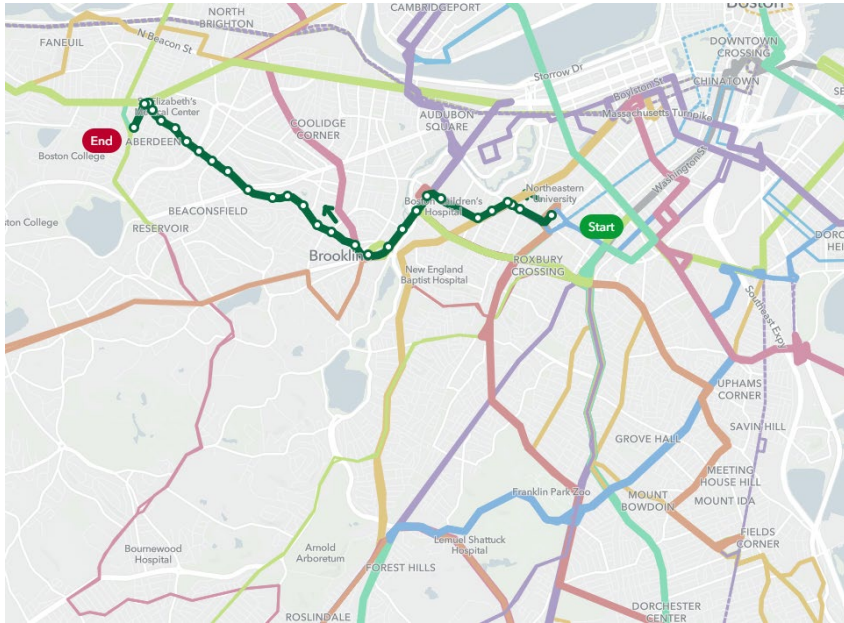


Revised Bus Network (Fall 2022)

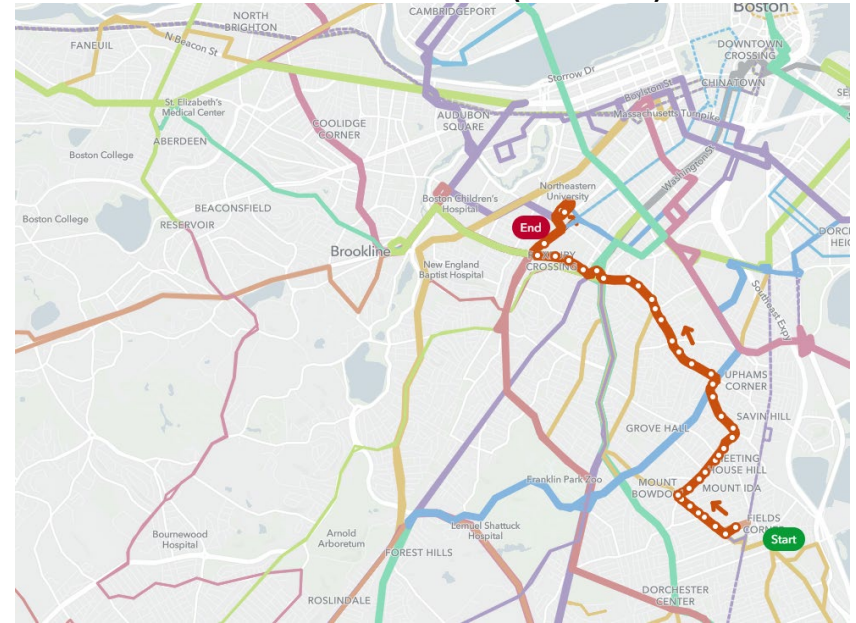


# Bus Routes 65 and T15

Revised Bus Network (Fall 2022)



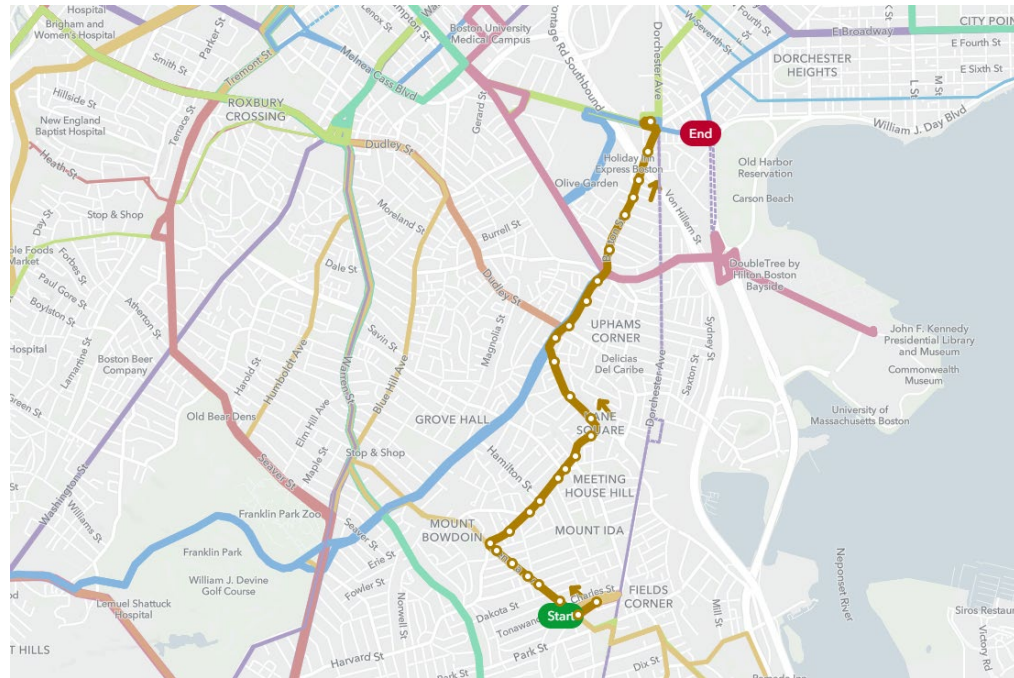
Revised Bus Network (Fall 2022)



For more information on this route, watch the recording from breakout room 3.

# Bus Route 17

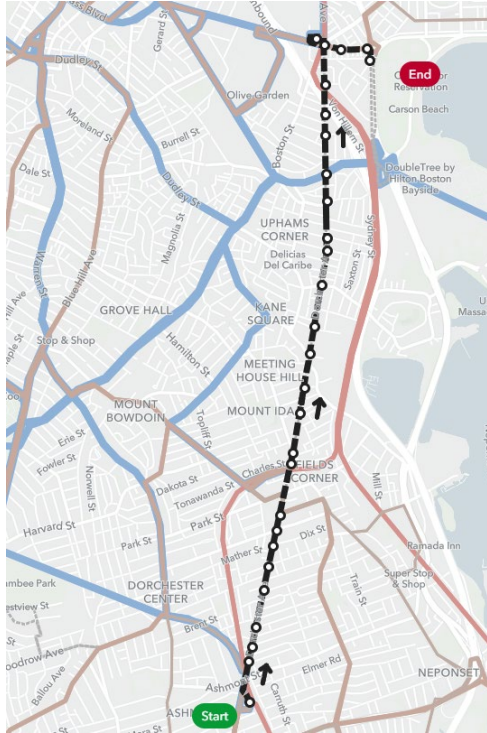
## Revised Bus Network (Fall 2022)



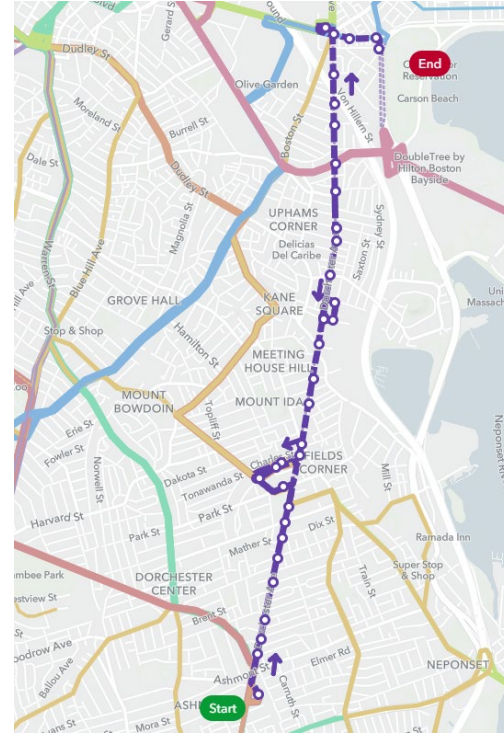
For more information on this route, watch the recording from breakout room 3.

# Bus Route 18

## Draft Bus Network (May 2022)



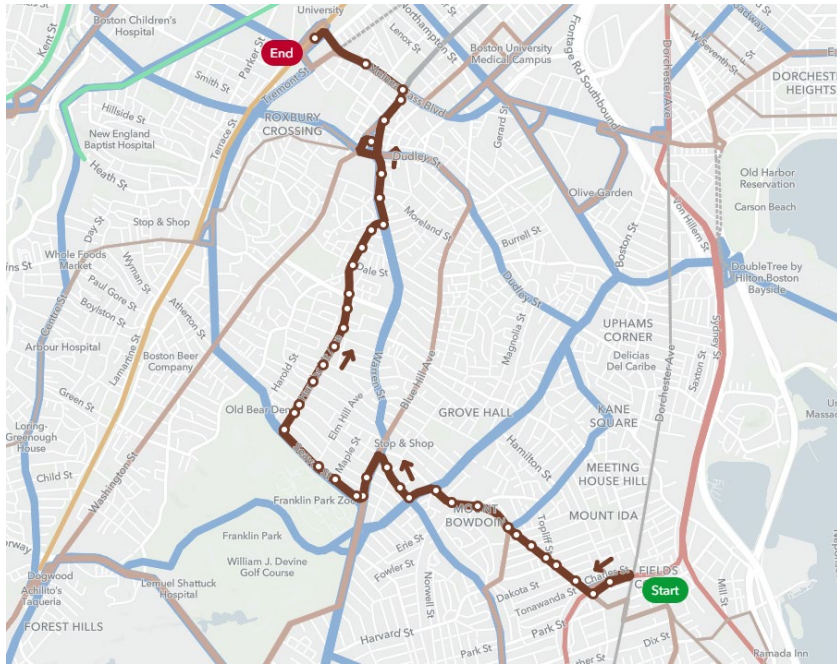
## Revised Bus Network (Fall 2022)



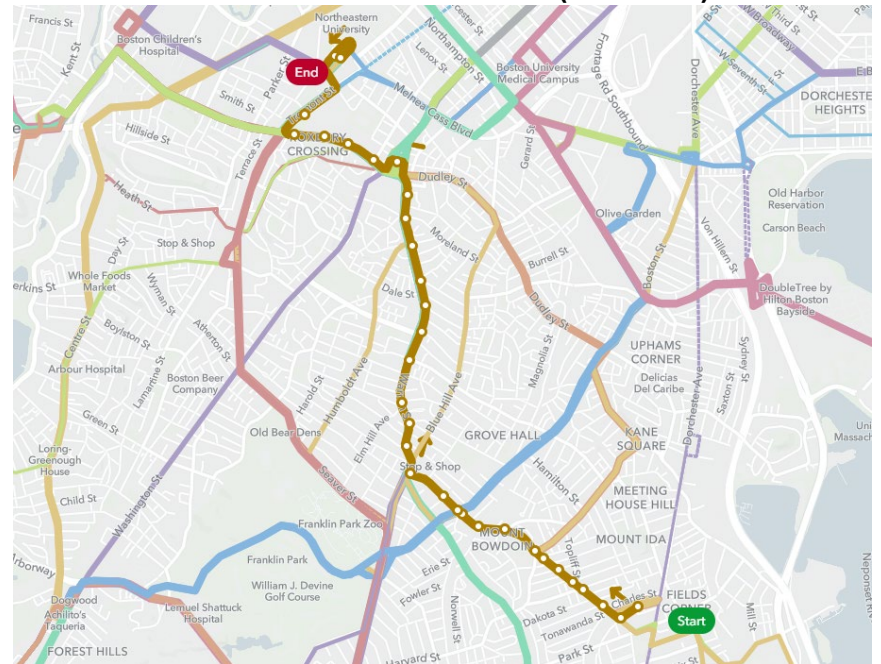
For more information on this route, watch the recording from breakout room 3.

# Bus Route 19

## Draft Bus Network (May 2022)

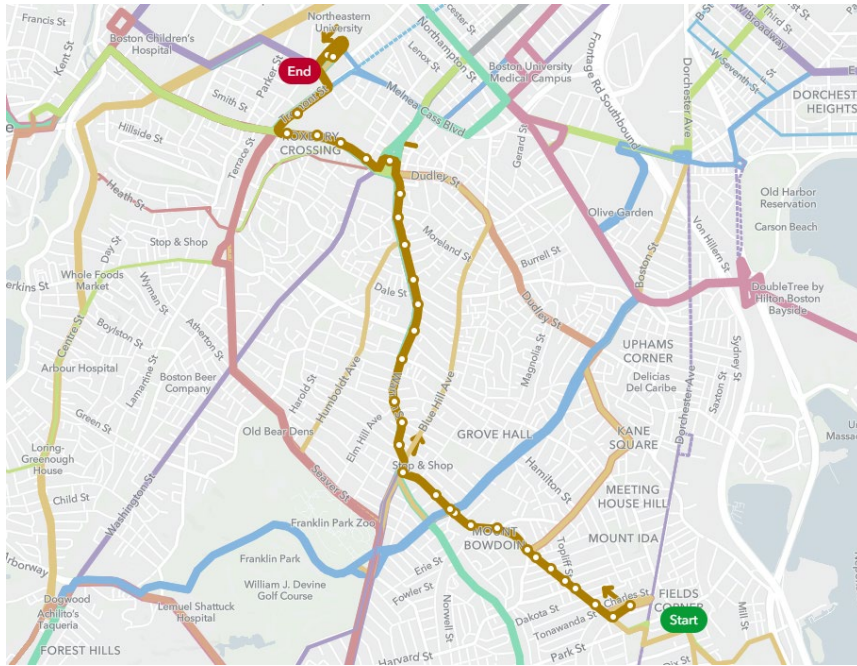


## Revised Bus Network (Fall 2022)

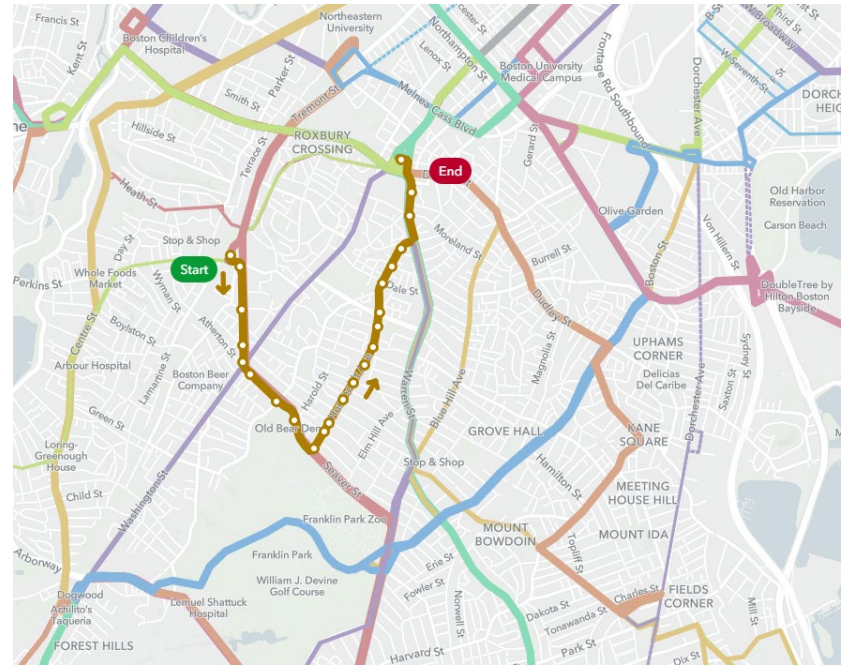


# Bus Routes 19 and 44

Revised Bus Network (Fall 2022)



Revised Bus Network (Fall 2022)



For more information on this route, watch the recording from breakout room 3.

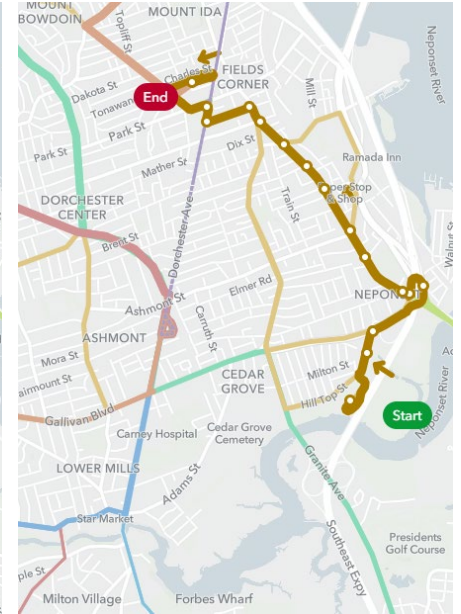
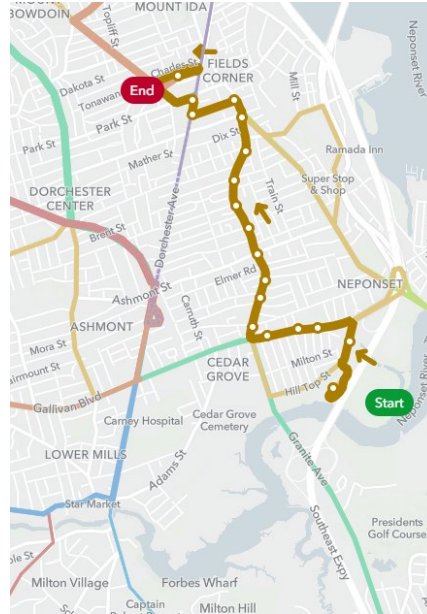


# Bus Route 20 and 201 and 202

Draft Bus Network (May 2022)

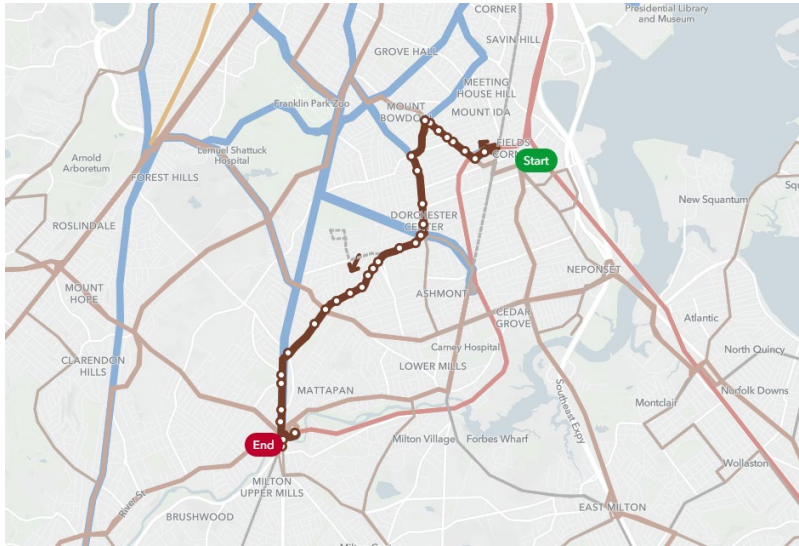


Revised Bus Network (Fall 2022)

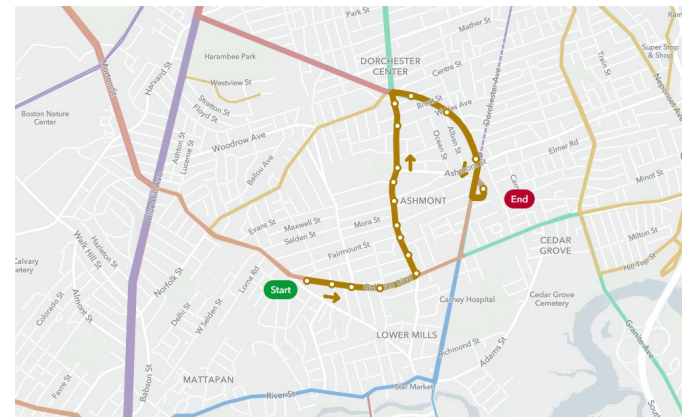
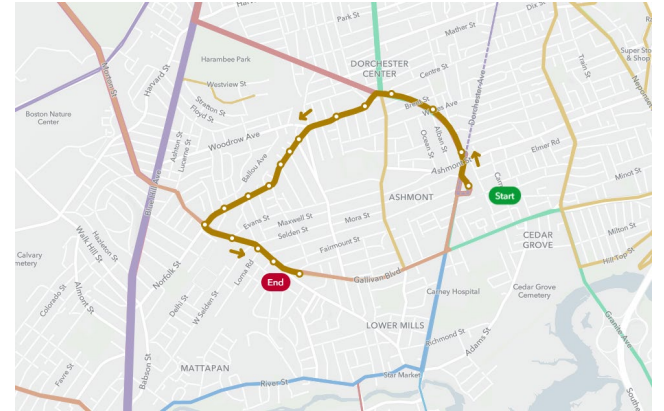


# Bus Route 26

## Draft Bus Network (May 2022)

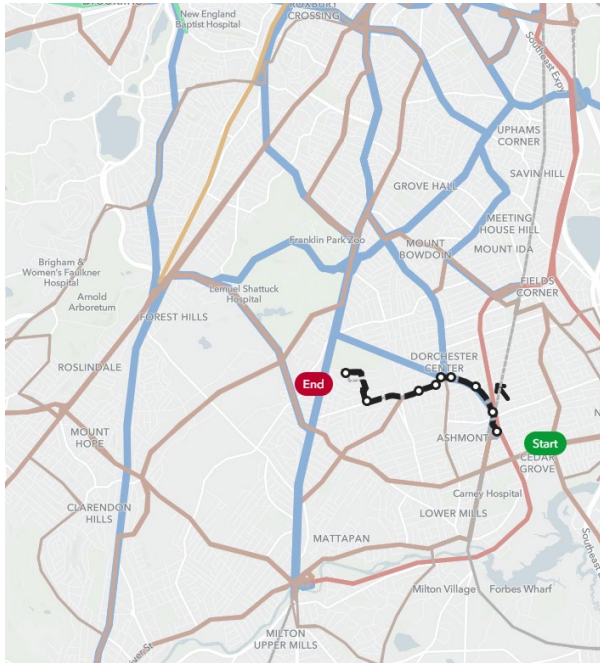


## Revised Bus Network (Fall 2022)

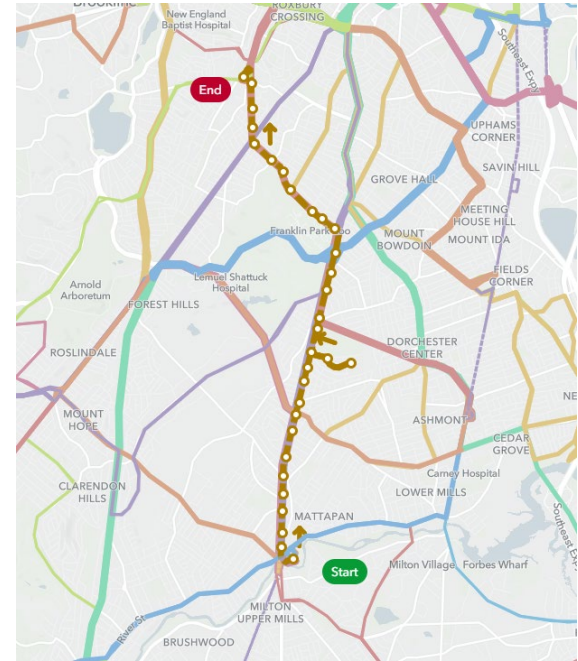


# Bus Route 29

Draft Bus Network (May 2022)

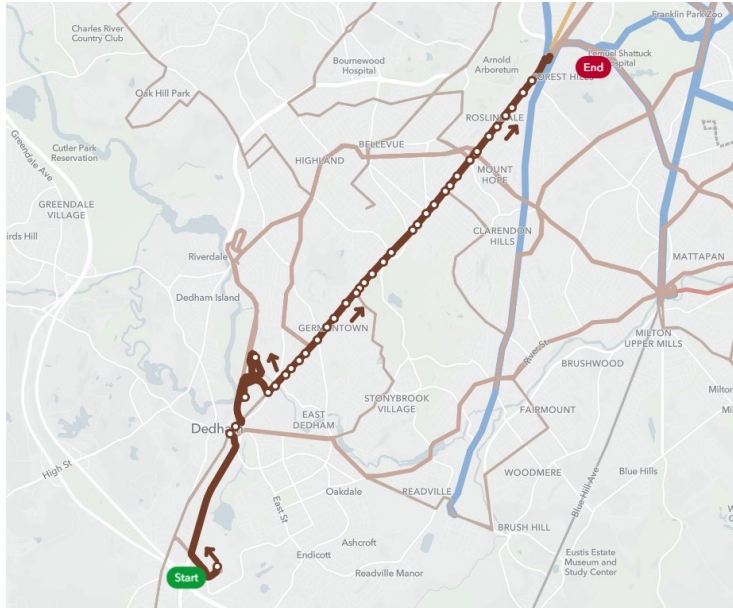


Revised Bus Network (Fall 2022)

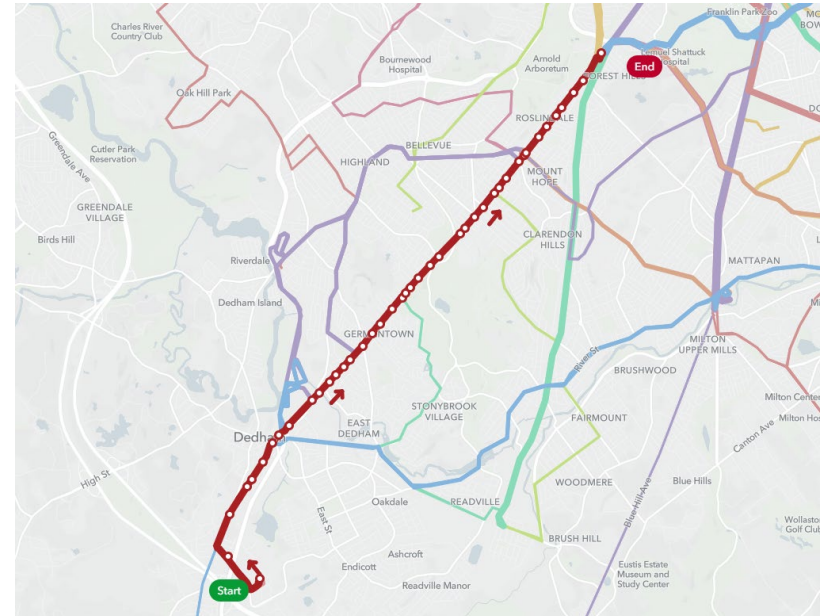


# Bus Route 34

Draft Bus Network (May 2022)



Revised Bus Network (Fall 2022)

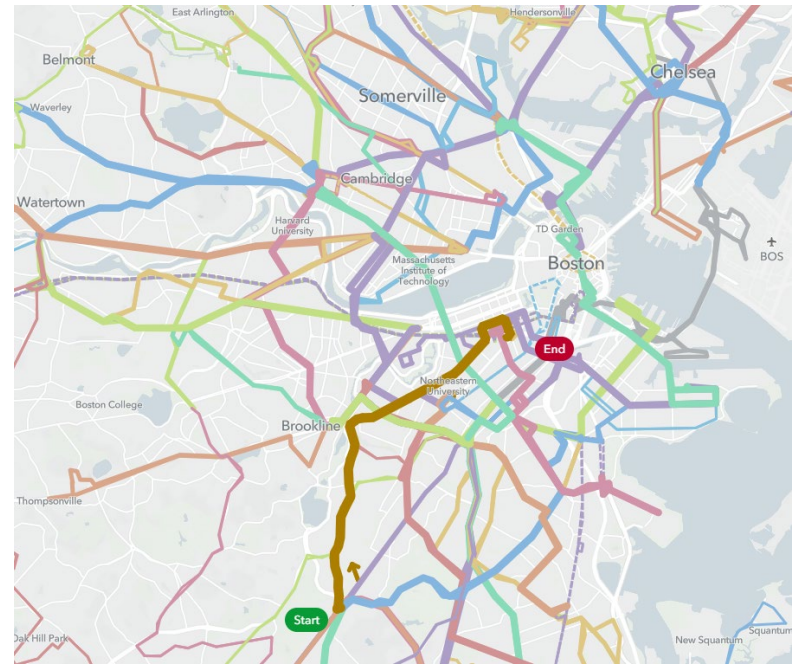


# Bus Route T39

## Draft Bus Network (May 2022)

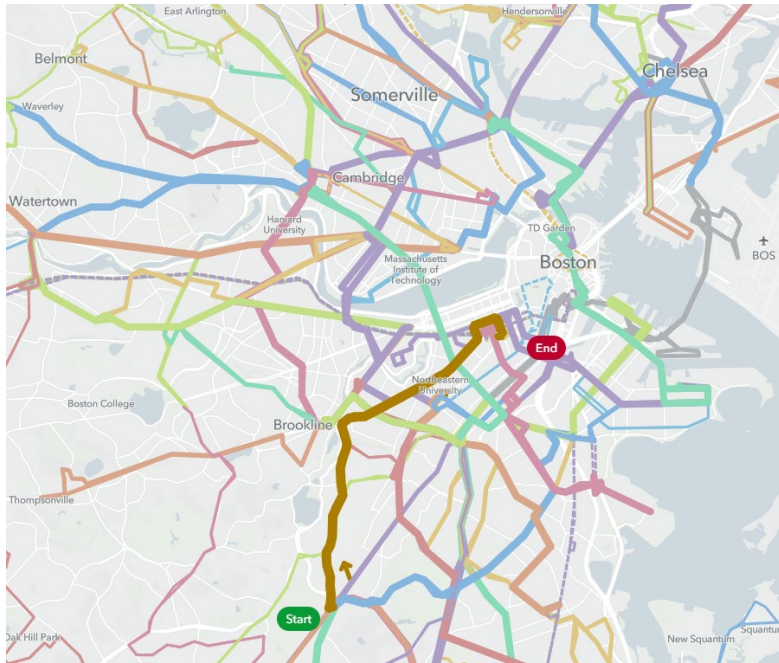


## Revised Bus Network (Fall 2022)

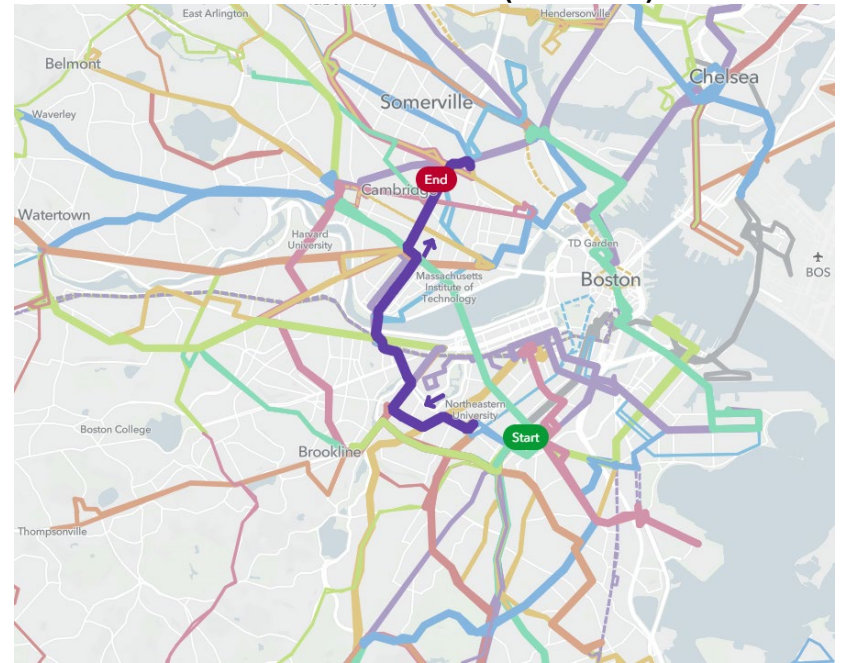


# Bus Routes T39 and T47

Revised Bus Network (Fall 2022)



Revised Bus Network (Fall 2022)



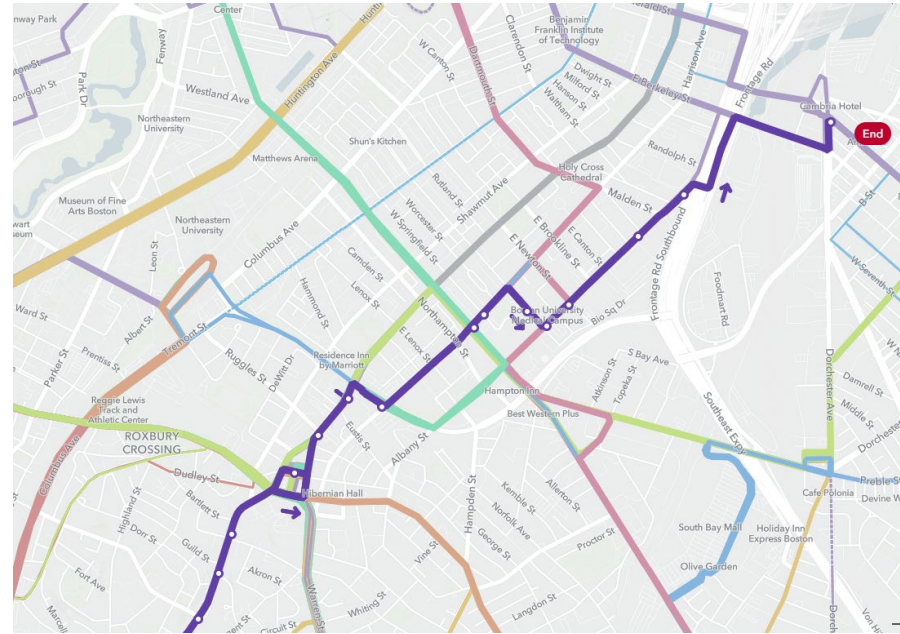
For more information on this route, watch the recording from breakout room 3.

# Bus Route 42

## Draft Bus Network (May 2022)



## Revised Bus Network (Fall 2022)

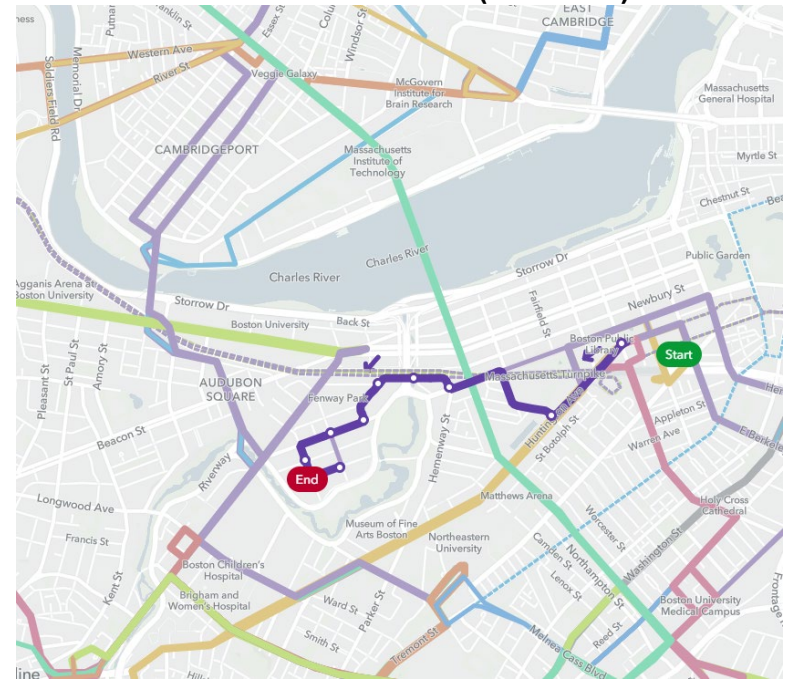


# Bus Route 55

## Draft Bus Network (May 2022)



## Revised Bus Network (Fall 2022)

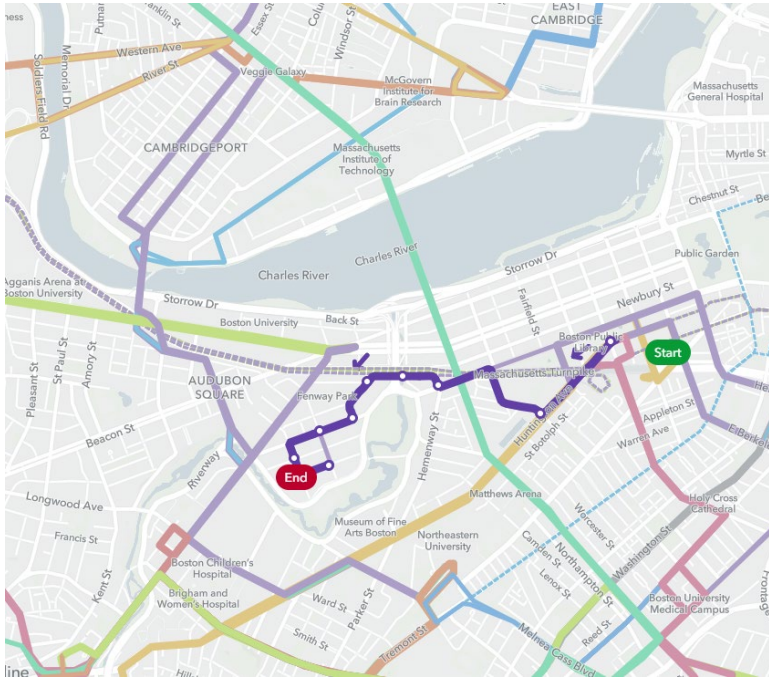


For more information on this route, watch the recording from breakout room 3.

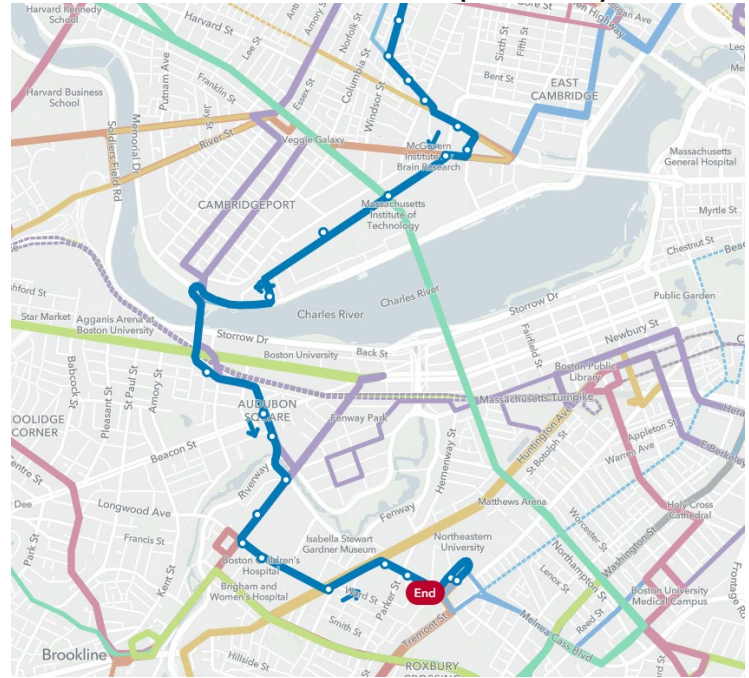


# Bus Routes 55 and 85

## Revised Bus Network (Fall 2022)



## Revised Bus Network (Fall 2022)

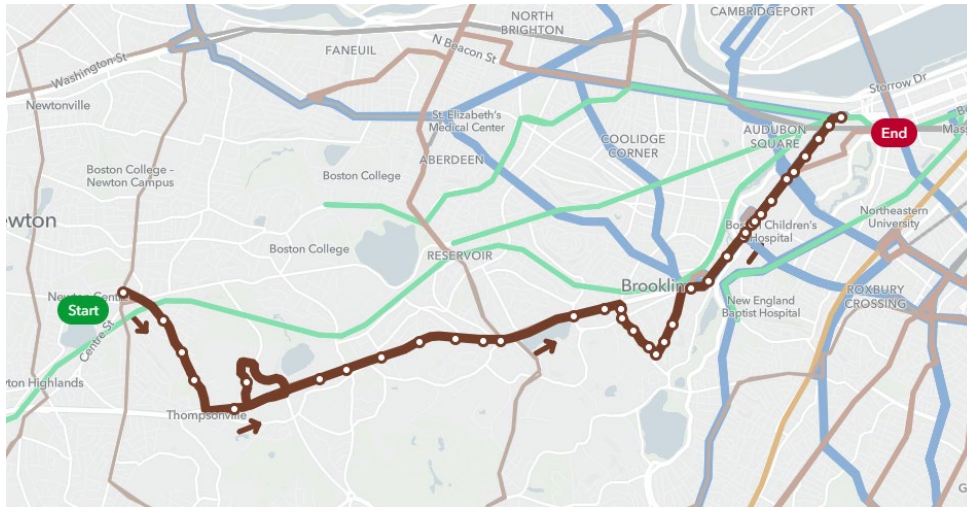


For more information on this route, watch the recording from breakout room 3.

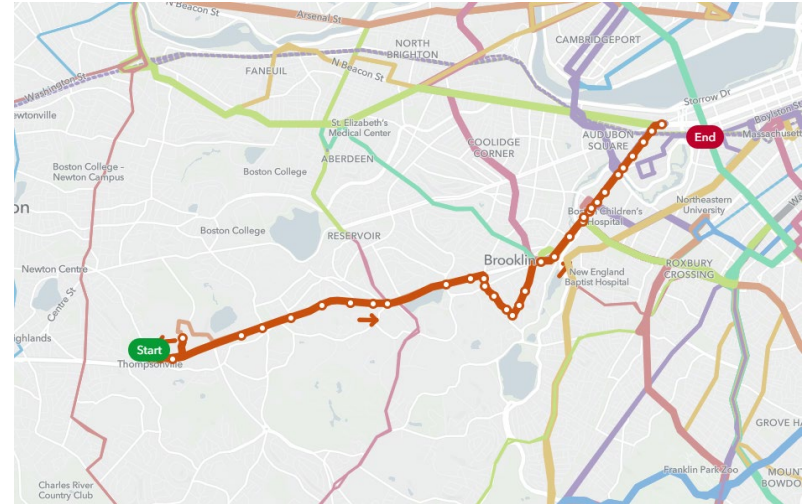


# Bus Route 60

Draft Bus Network (May 2022)



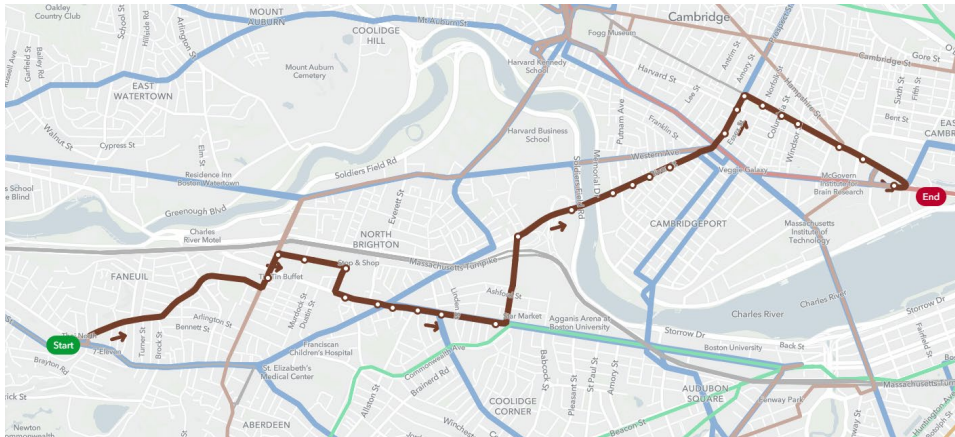
Revised Bus Network (Fall 2022)



# Bus Route 64

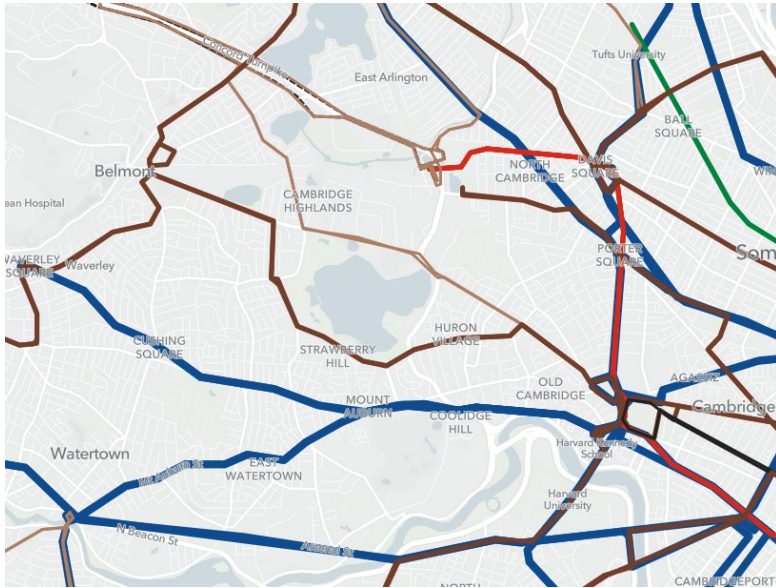
Draft Bus Network (May 2022)

Revised Bus Network (Fall 2022)



# Bus Route 74

Draft Bus Network (May 2022)

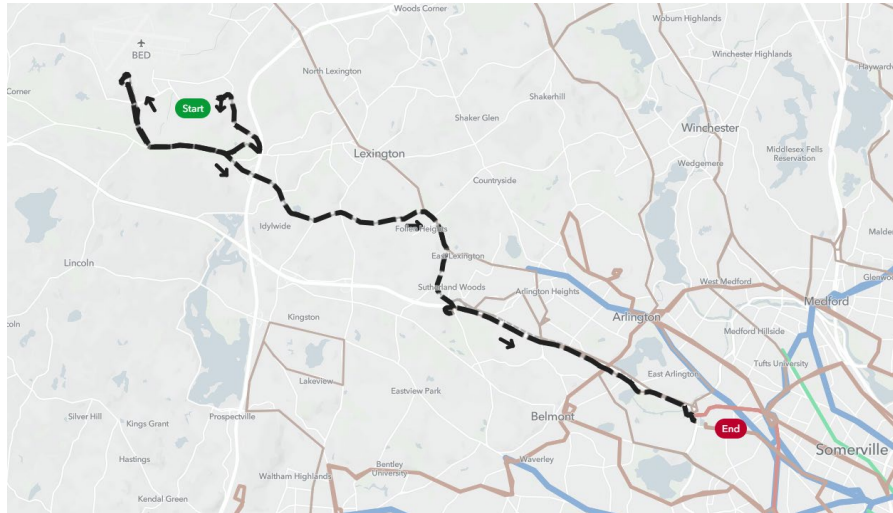


Revised Bus Network (Fall 2022)

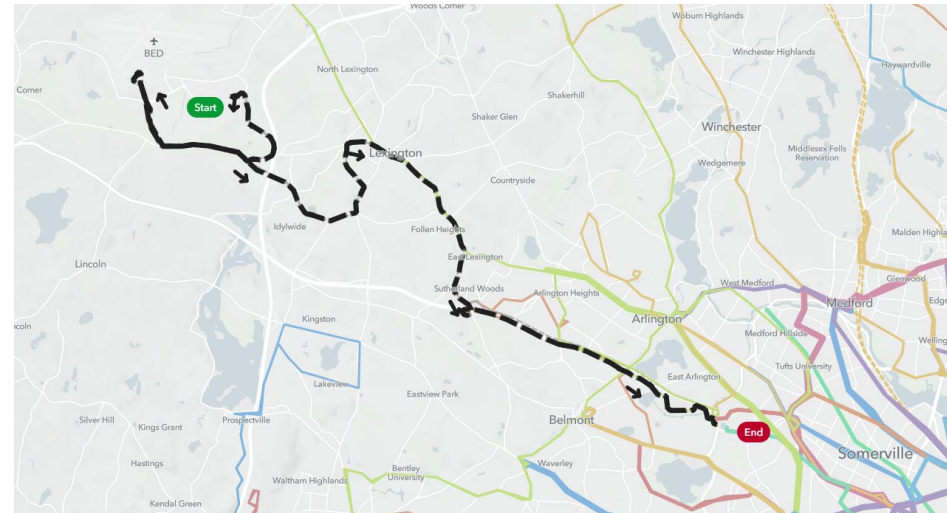


# Bus Route 76

Revised Bus Network (Fall 2022)

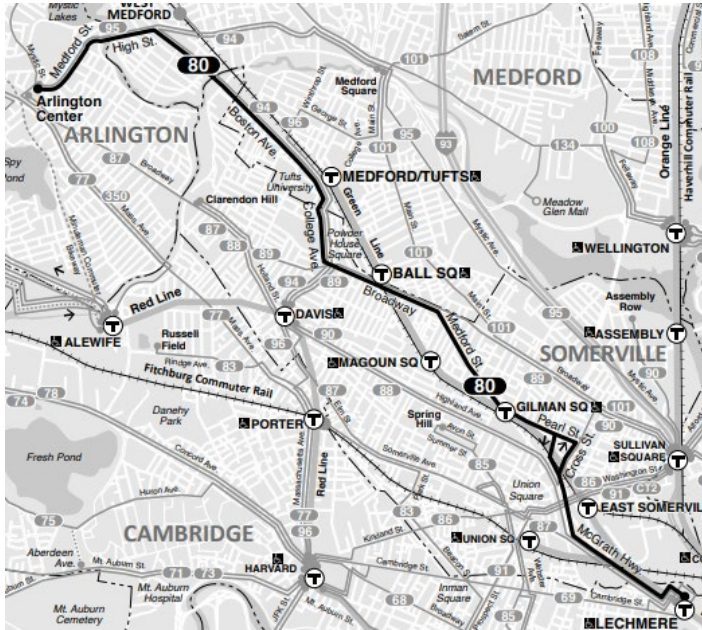


Revised Bus Network (Fall 2022)

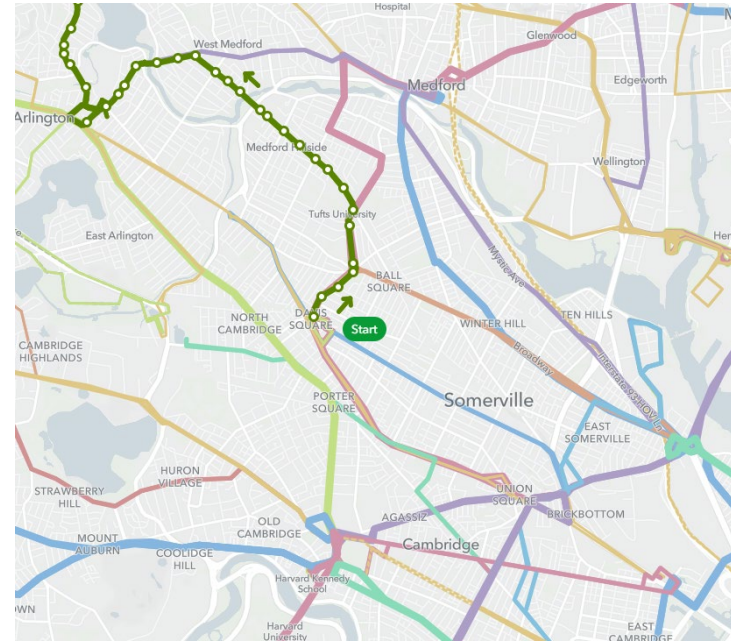


# Bus Route 80: Arlington to Davis

Existing Route



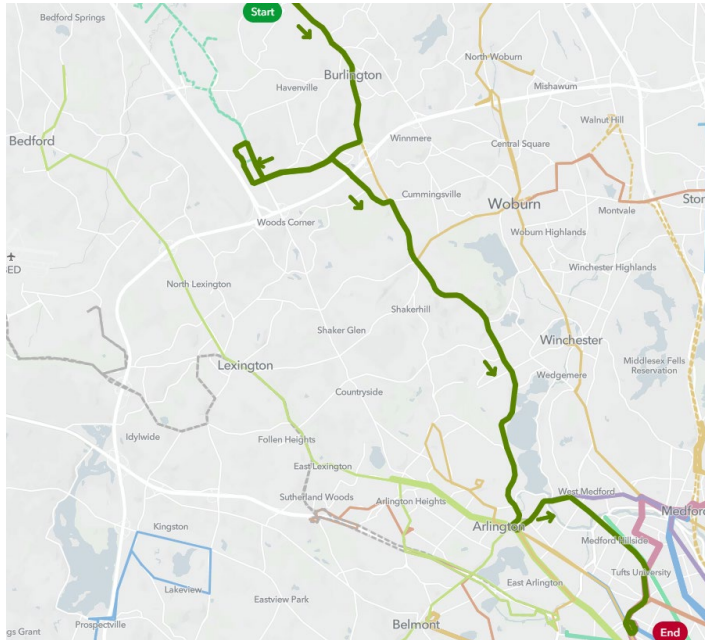
Revised Bus Network (Fall 2022)



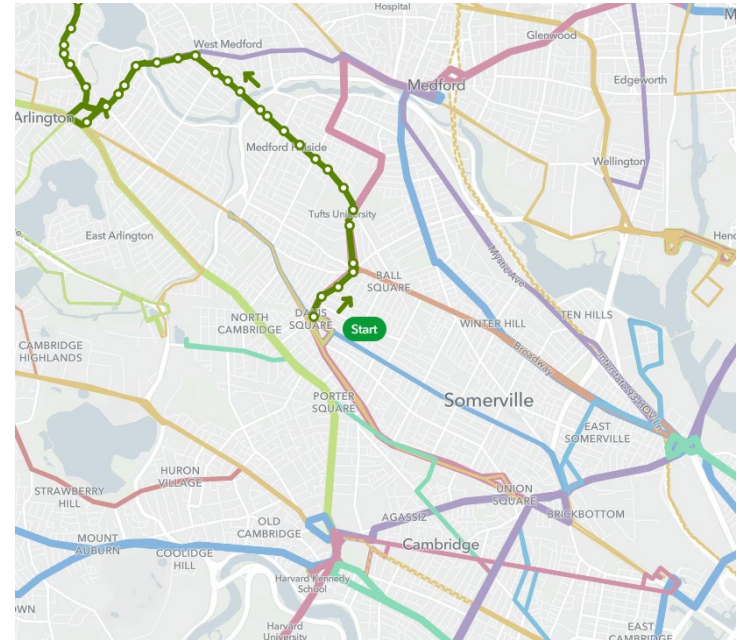
For more information on this route, watch the recording from breakout room 2.

# Bus Route 80: Burlington to Davis

Revised Bus Network (Fall 2022)



Revised Bus Network (Fall 2022)



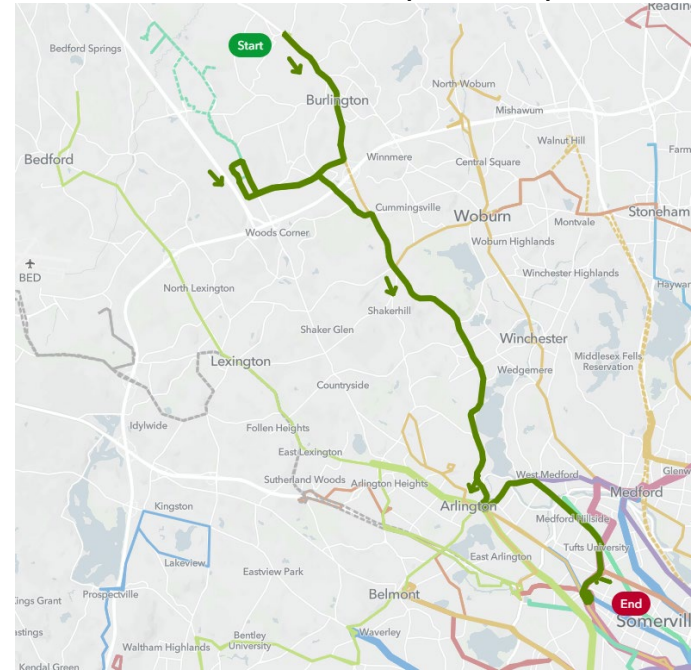


# Bus Routes 350 and 80

Draft Bus Network (May 2022)



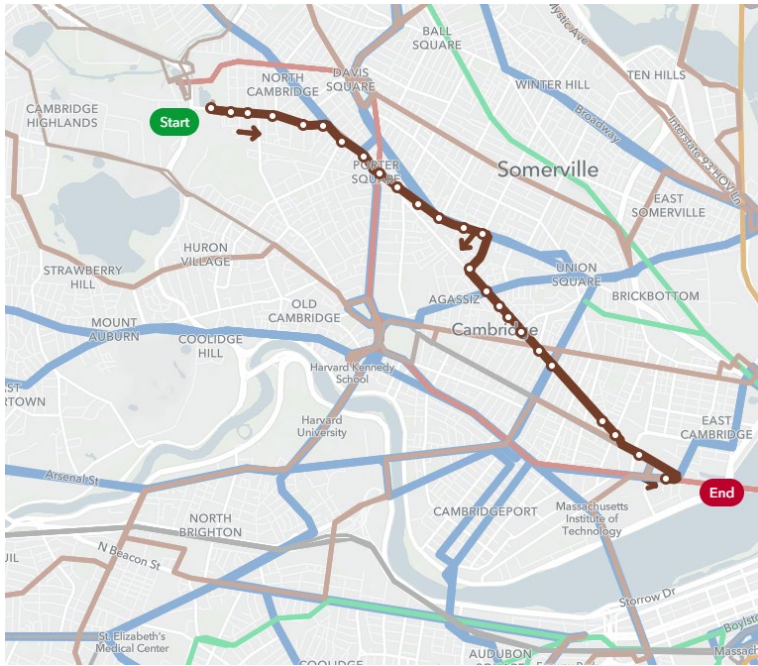
Revised Bus Network (Fall 2022)



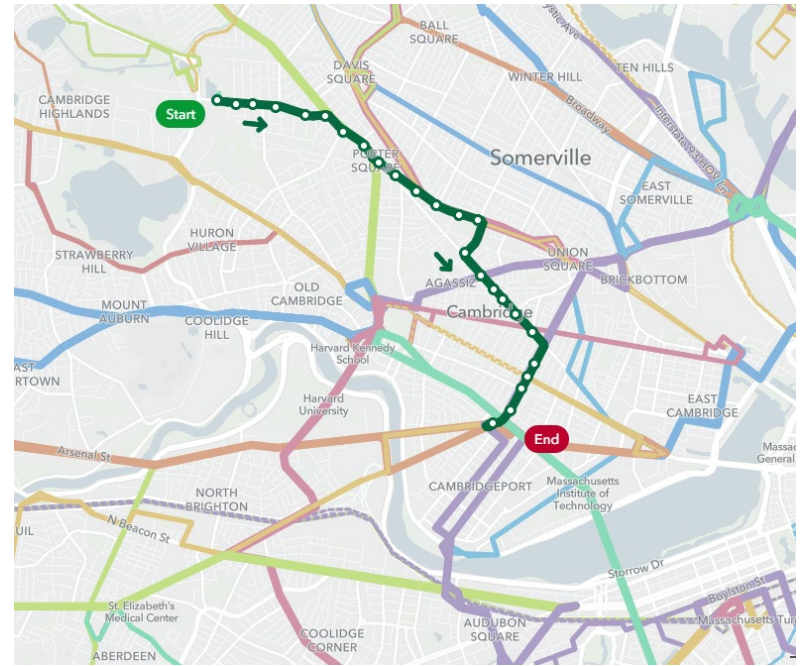
For more information on this route, watch the recording from breakout room 2.

# Bus Route 83

Draft Bus Network (May 2022)



Revised Bus Network (Fall 2022)



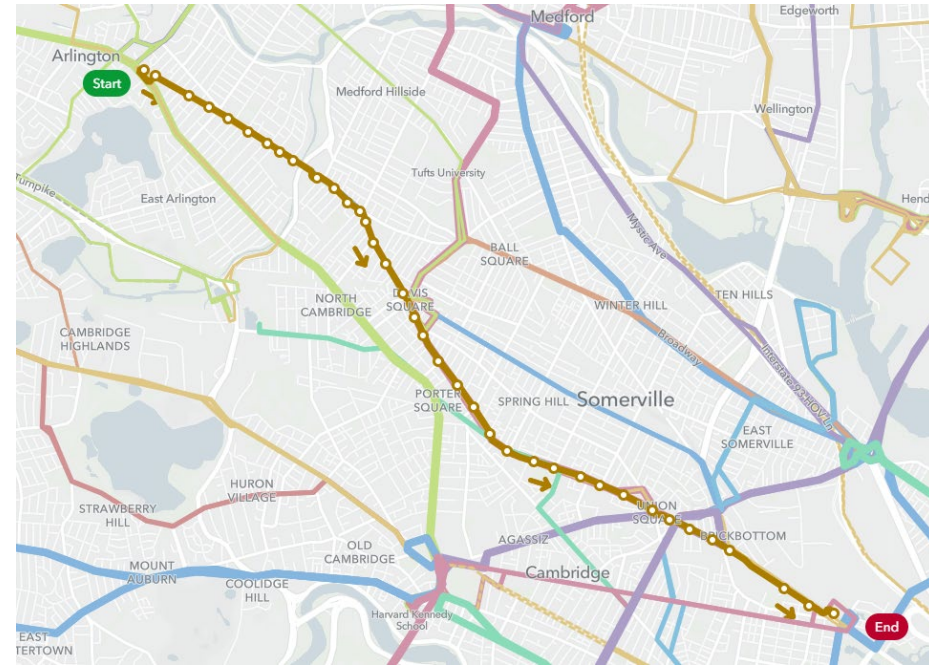
For more information on this route, watch the recording from breakout room 2.

# Bus Route 87: Arlington to Lechmere

Draft Bus Network (May 2022)

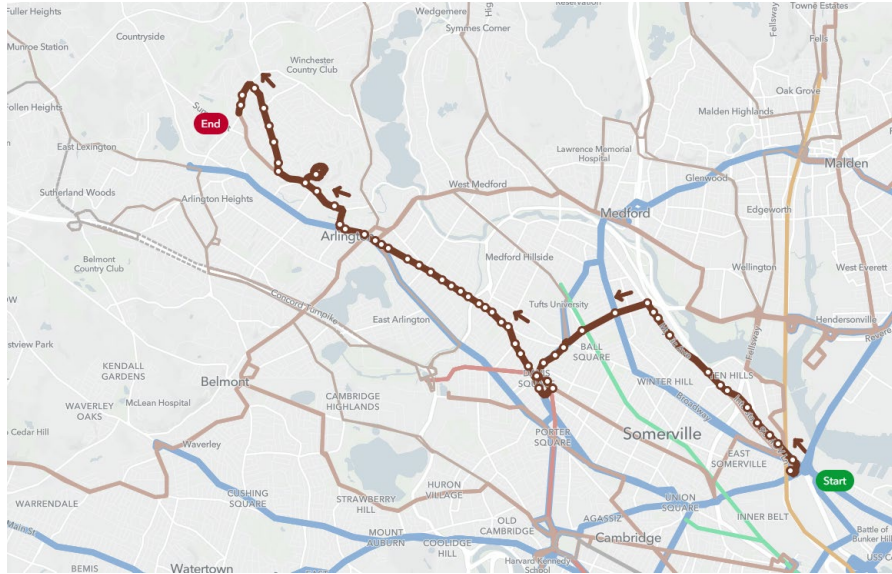


Revised Bus Network (Fall 2022)

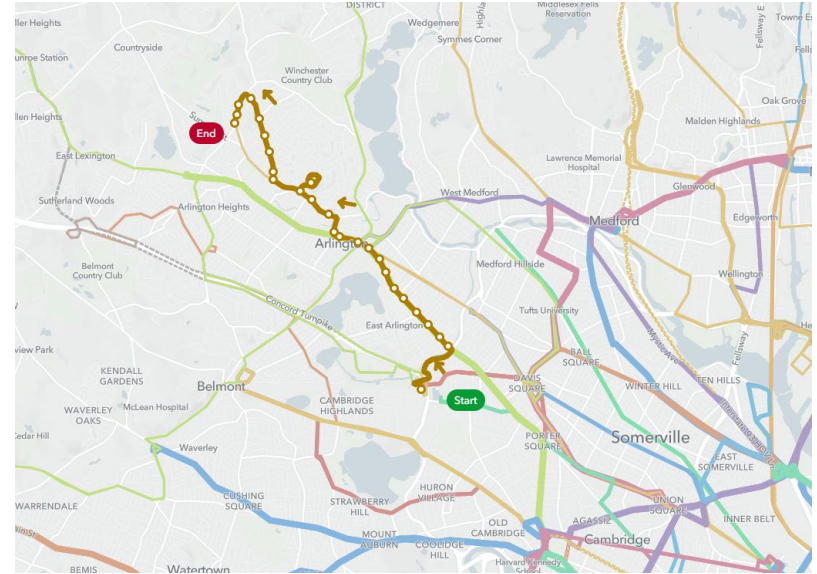


# Bus Routes 87 and 67

Draft Bus Network (May 2022)

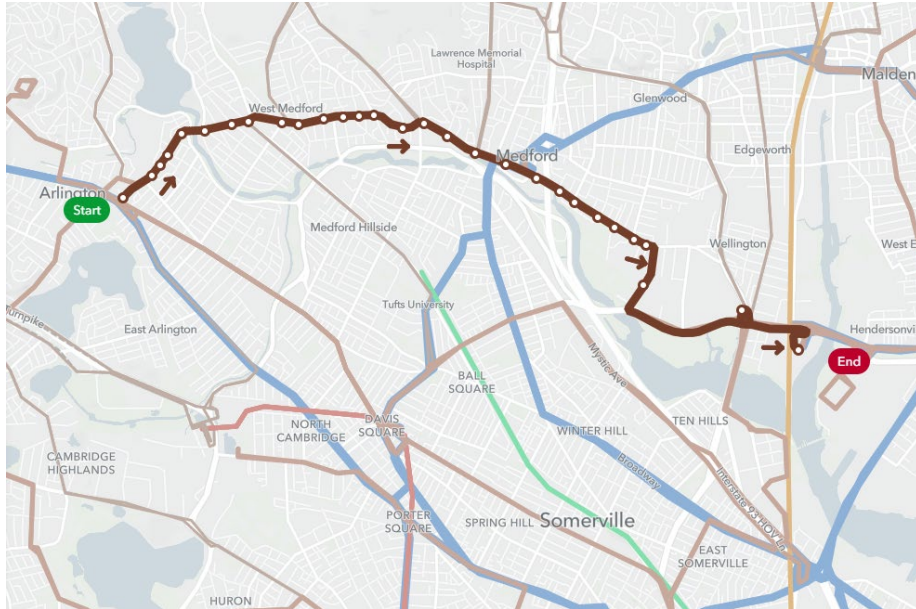


Revised Bus Network (Fall 2022)

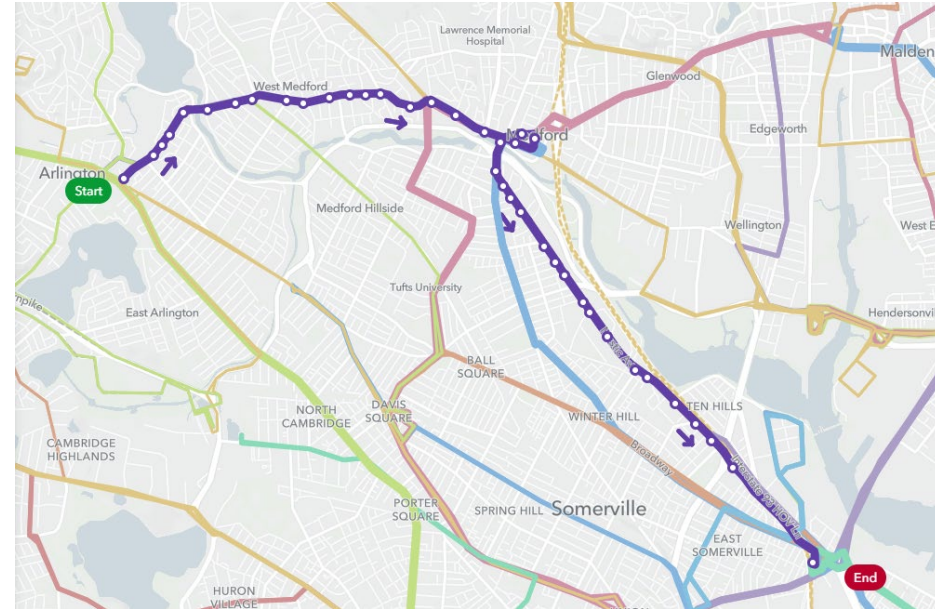


# Bus Route 95

Draft Bus Network (May 2022)

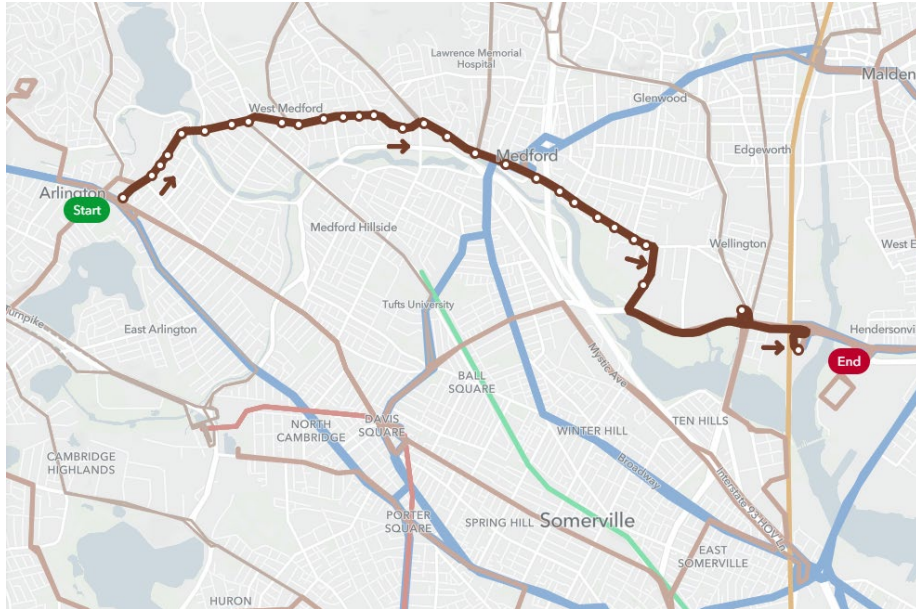


Revised Bus Network (Fall 2022)

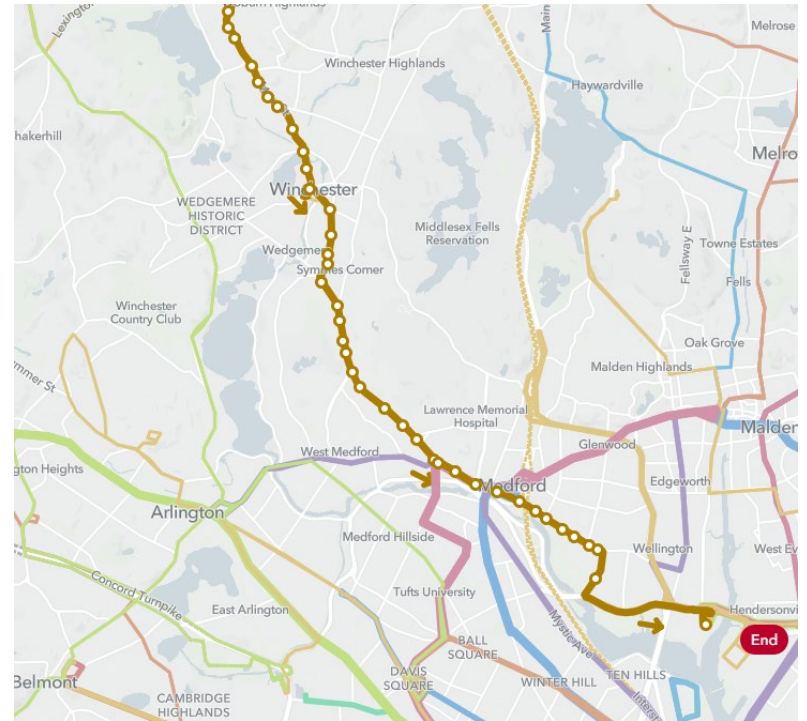


# Bus Route 134

## Draft Bus Network, Route 95 (May 2022)

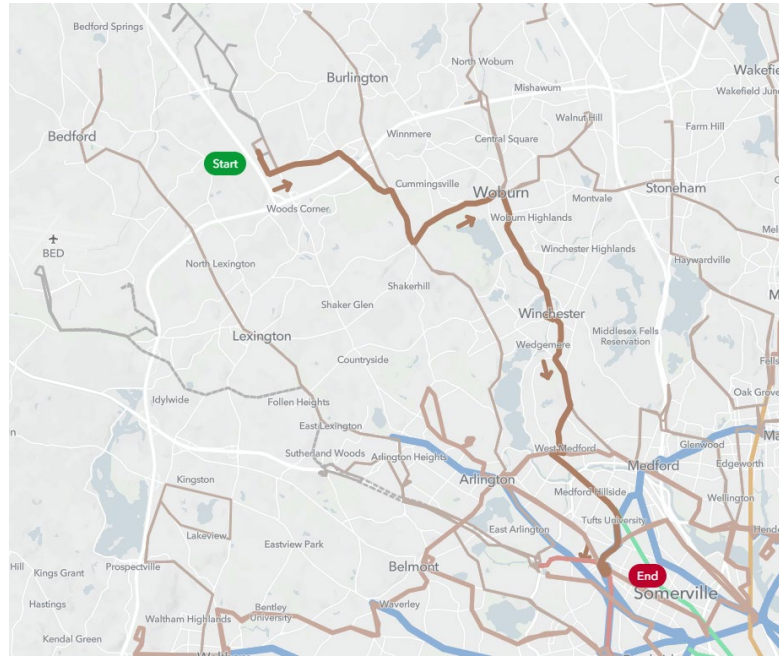


## Revised Bus Network (Fall 2022)

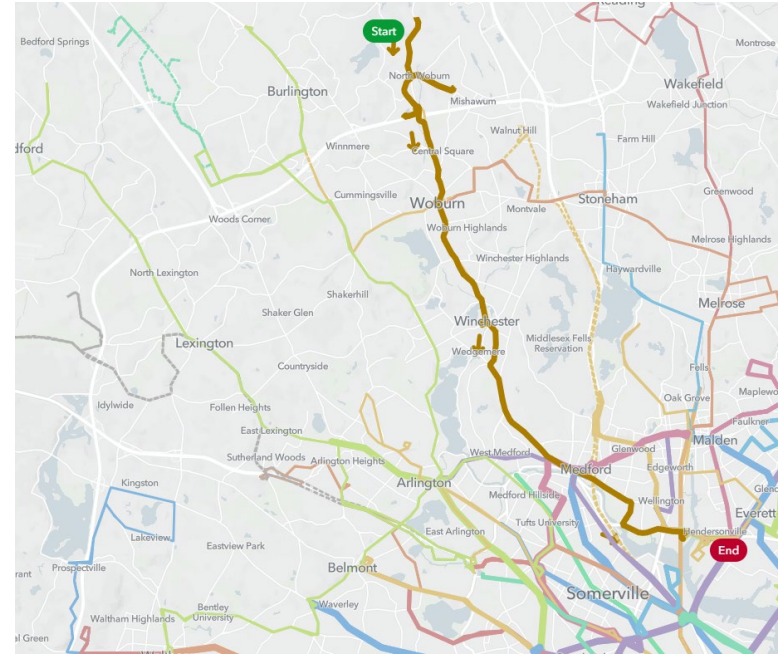


# Bus Routes 94 and 134

Draft Bus Network (May 2022)

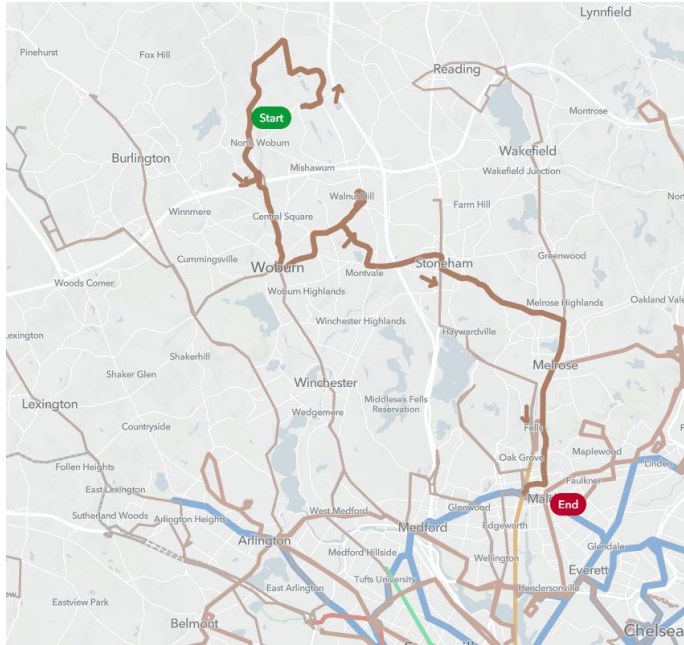


Revised Bus Network (Fall 2022)

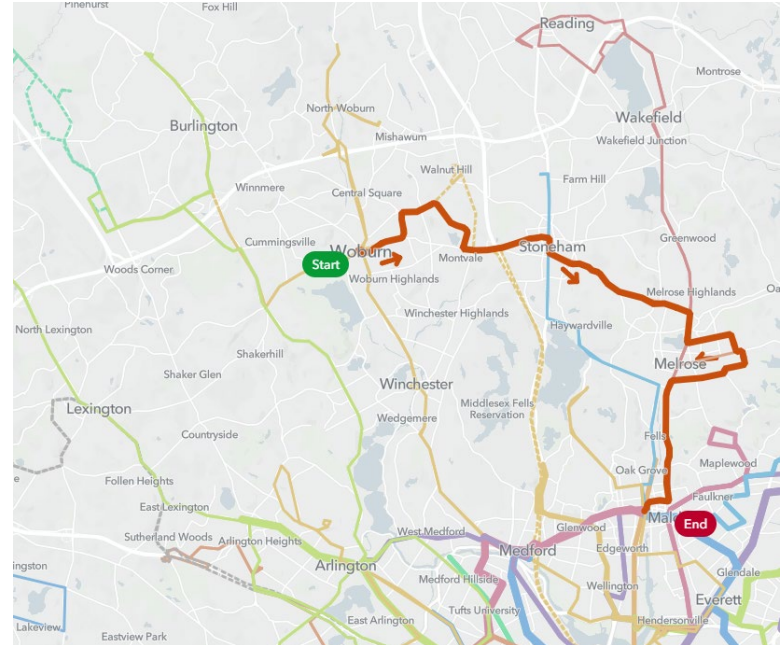


# Bus Routes 133 and 131

Draft Bus Network (May 2022)



Revised Bus Network (Fall 2022)



For more information on this route, watch the recording from breakout room 2.

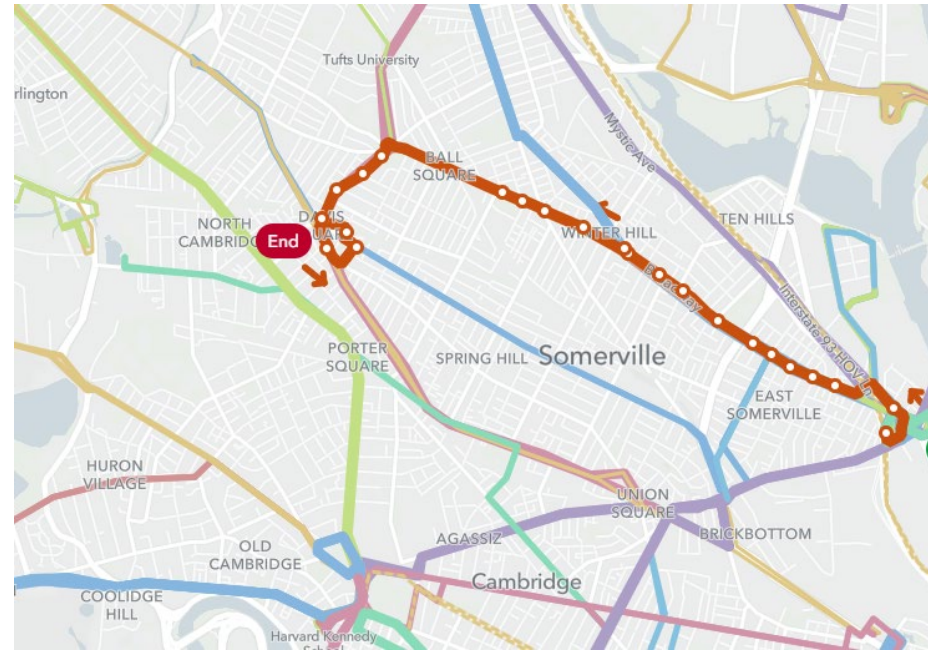


# Bus Route 89: Davis to Sullivan

Draft Bus Network (May 2022)



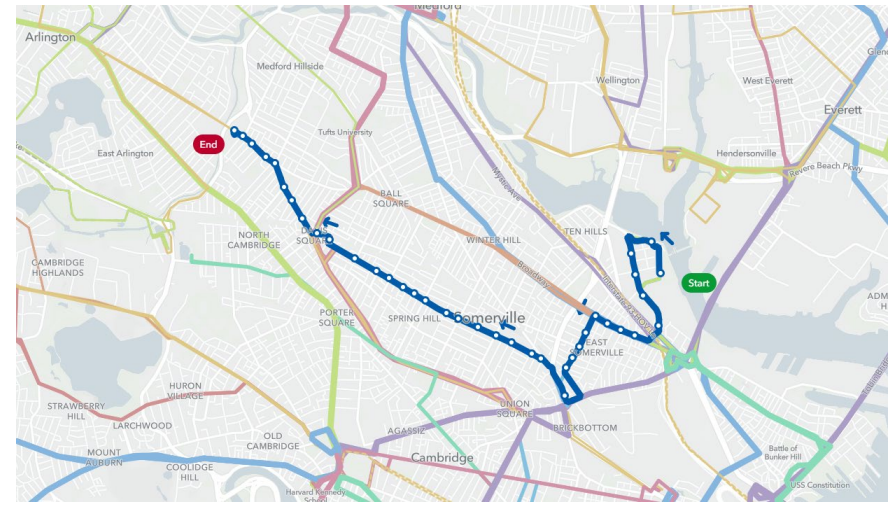
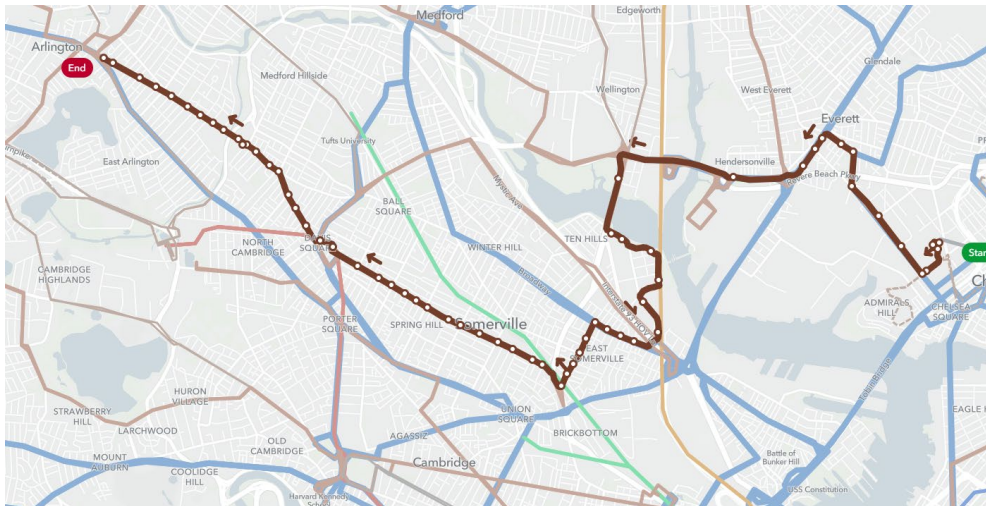
Revised Bus Network (Fall 2022)



# Bus Route 90: Clarendon Hill Towers to Assembly

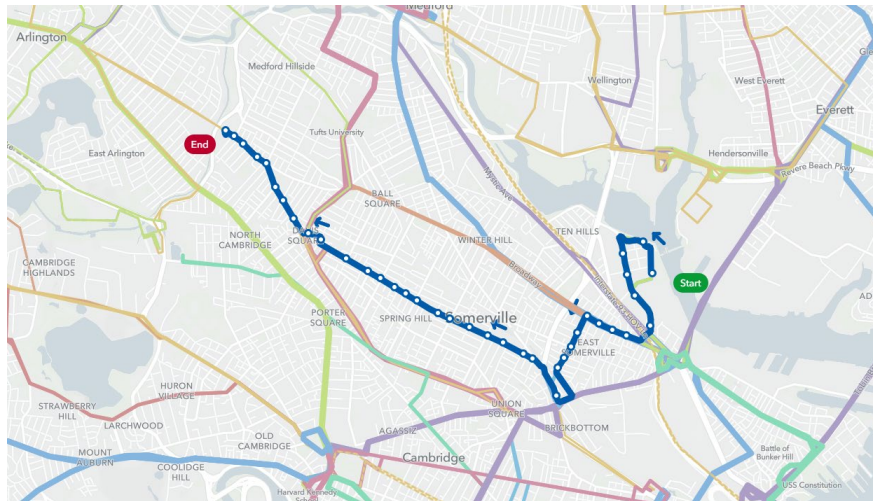
Draft Bus Network (May 2022)

Revised Bus Network (Fall 2022)

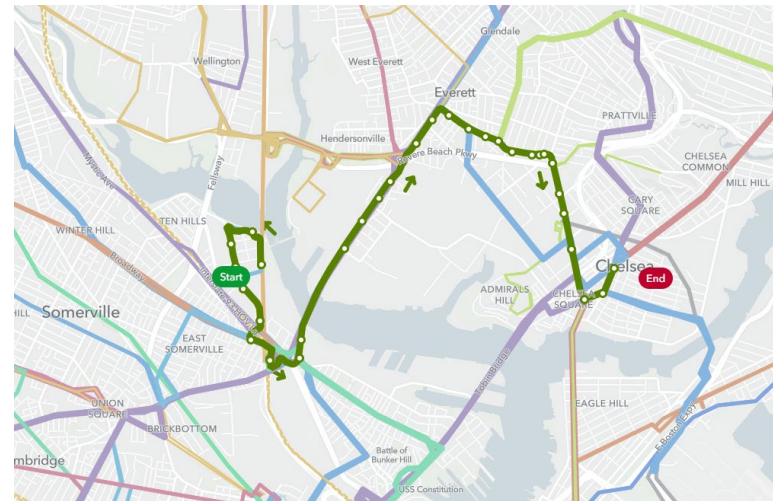


# Bus Routes 90 and 113

Revised Bus Network (Fall 2022)

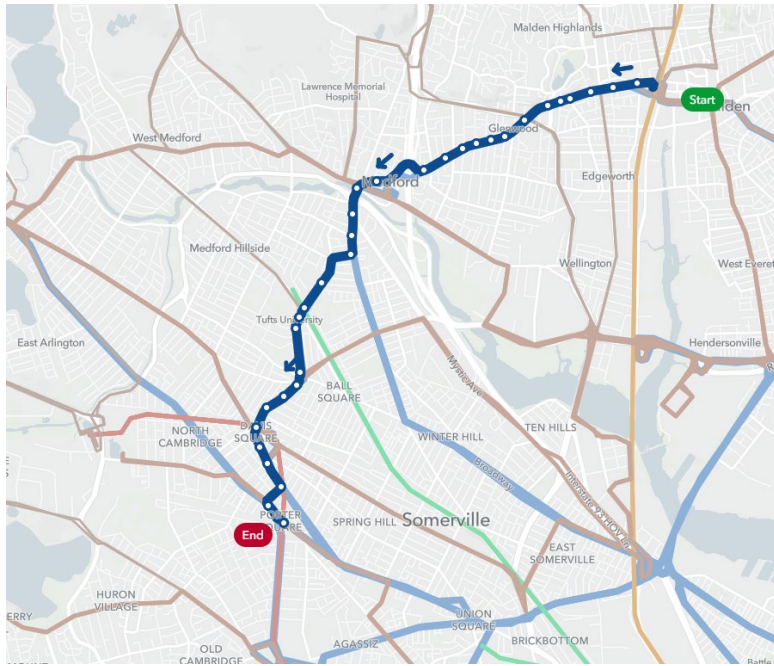


Revised Bus Network (Fall 2022)

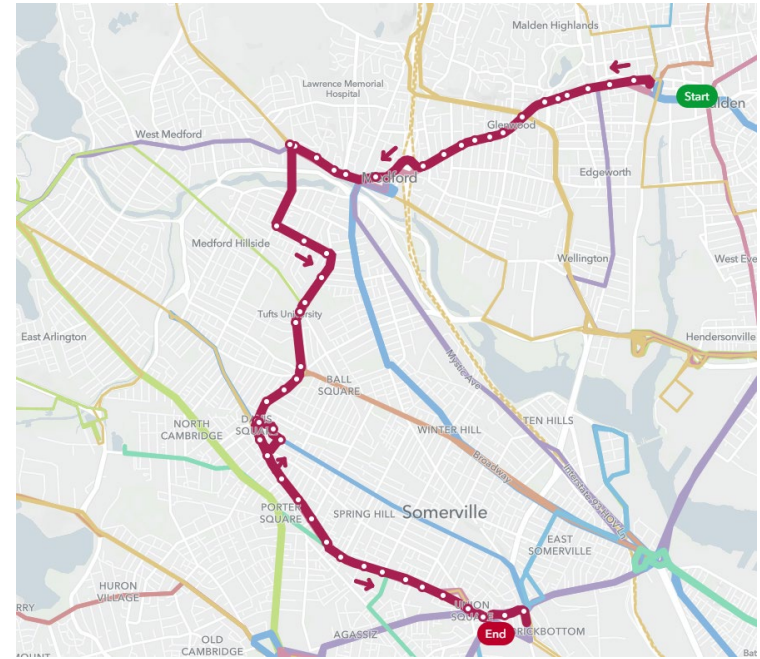


# Bus Route T96: Malden to Somerville

Draft Bus Network (May 2022)



Revised Bus Network (Fall 2022)

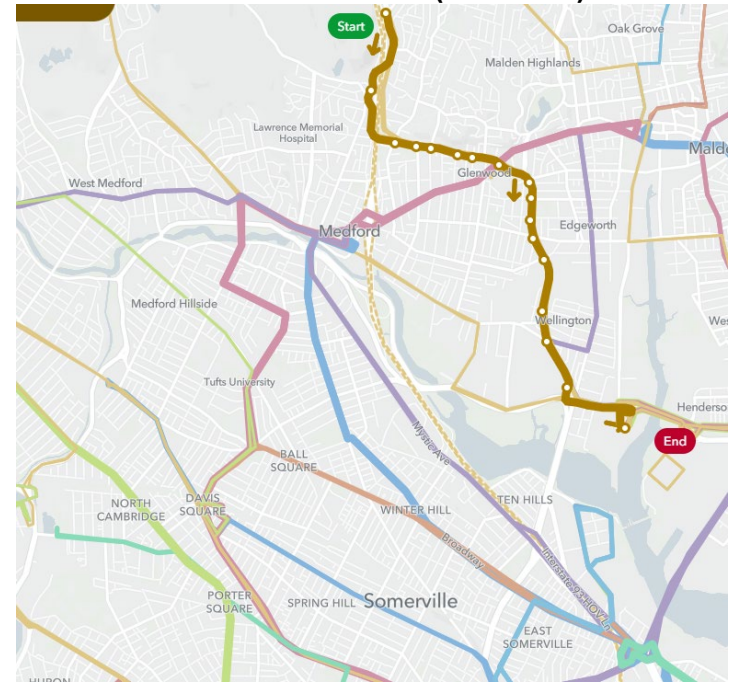


# Bus Route 100

Draft Bus Network (May 2022)



Revised Bus Network (Fall 2022)

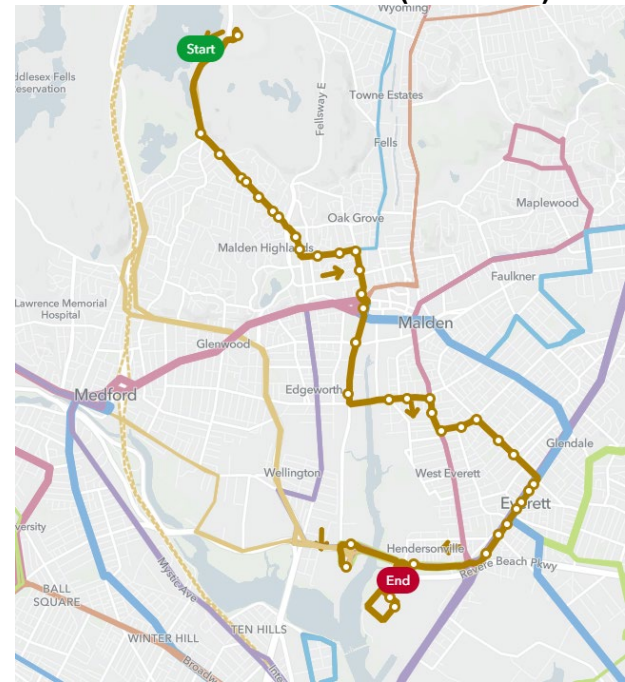


# Bus Route 99

Draft Bus Network (May 2022)

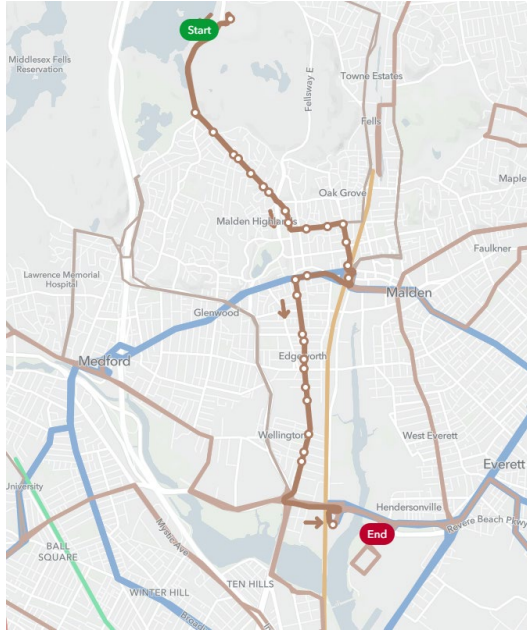


Revised Bus Network (Fall 2022)

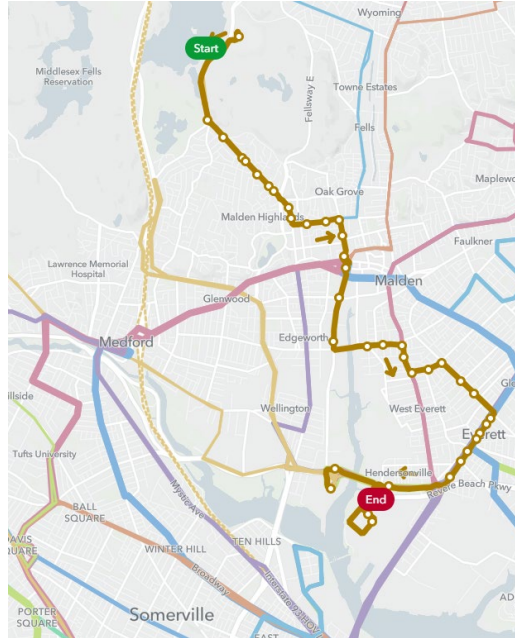


# Bus Routes 99 and 108

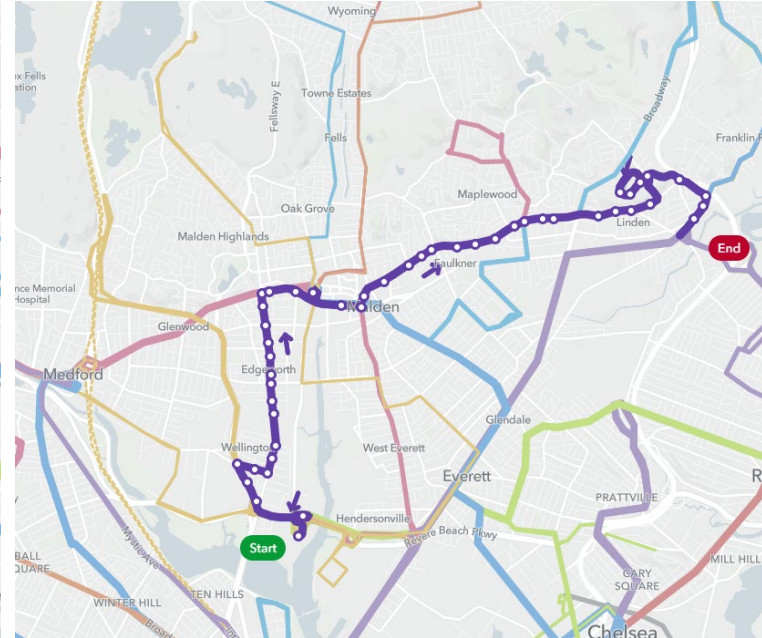
**Draft Bus Network – Route 99  
(May 2022)**



**Revised Bus Network – Route 99  
(Fall 2022)**



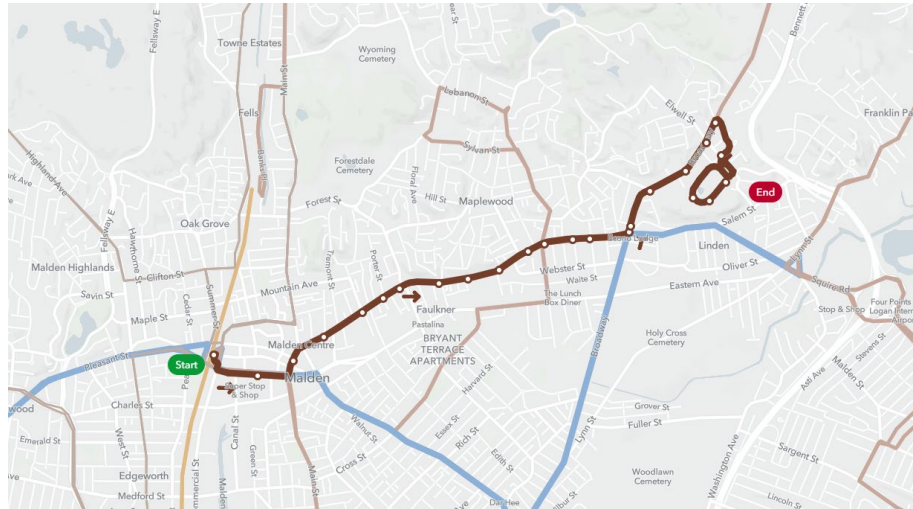
**Revised Bus Network – Route 108  
(Fall 2022)**



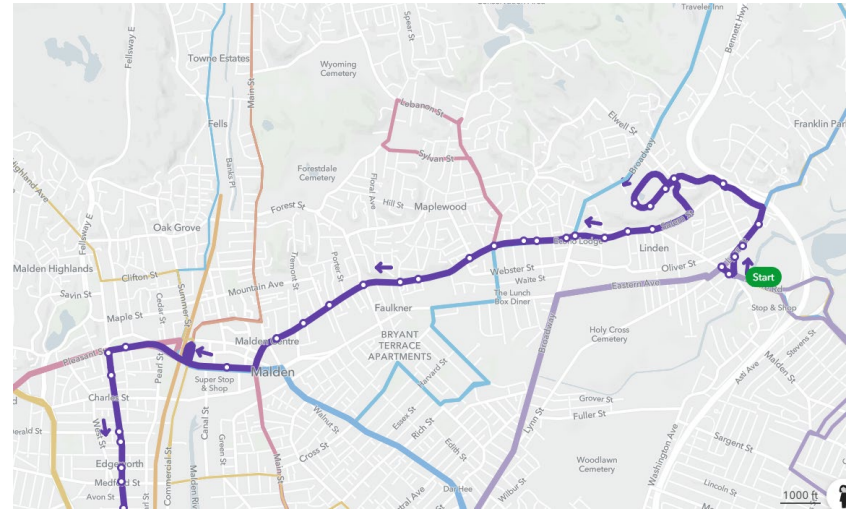
For more information on this route, watch the recording from breakout room 2.

# Bus Route 108

Draft Bus Network (May 2022)



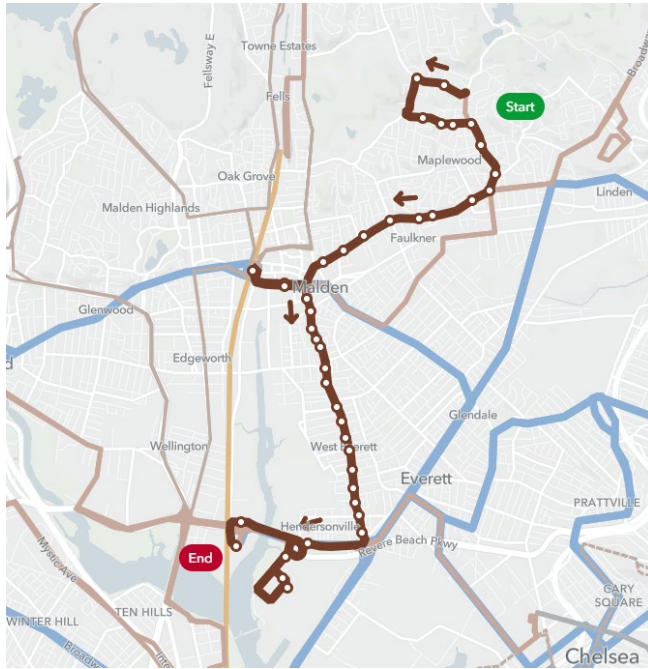
Revised Bus Network (Fall 2022)



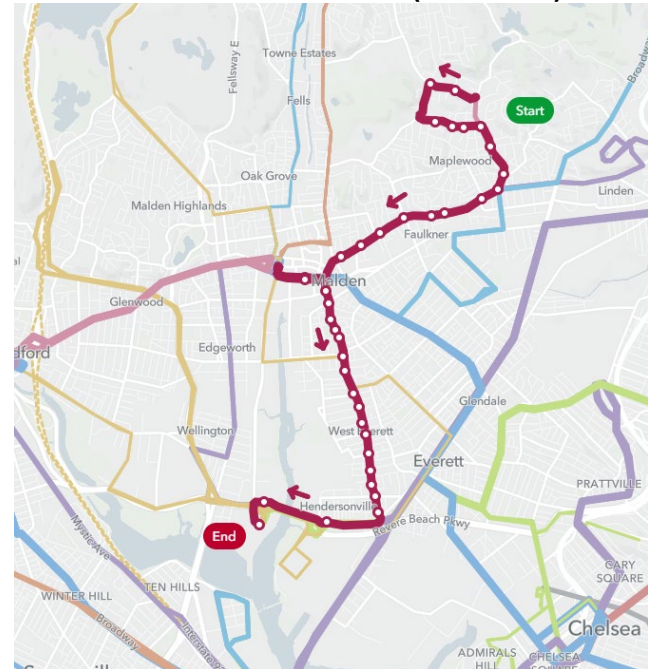


# Bus Route 106

Draft Bus Network (May 2022)

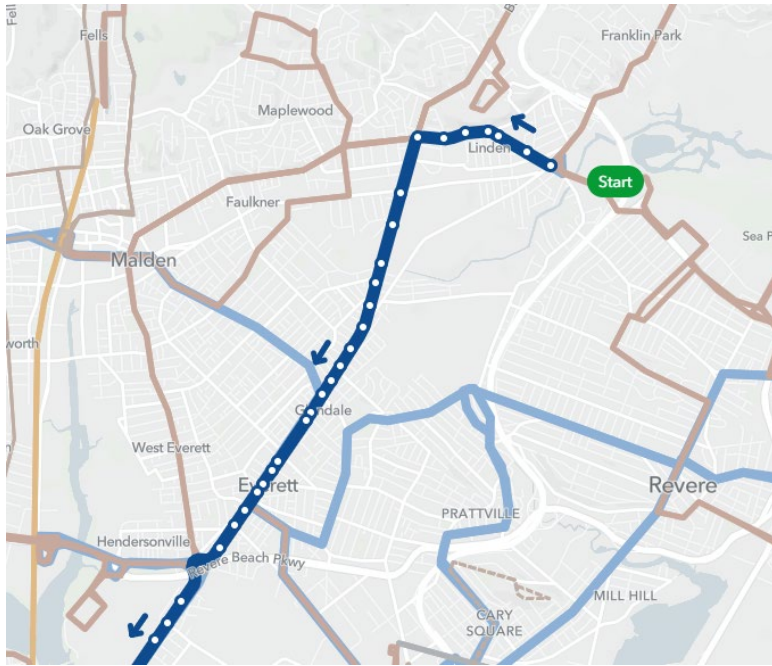


Revised Bus Network (Fall 2022)

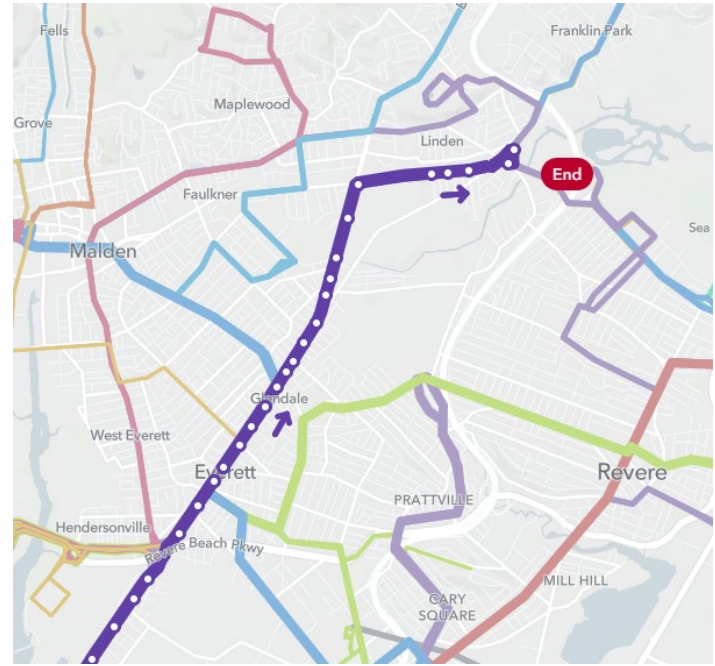


# Bus Route 109

Draft Bus Network (May 2022)



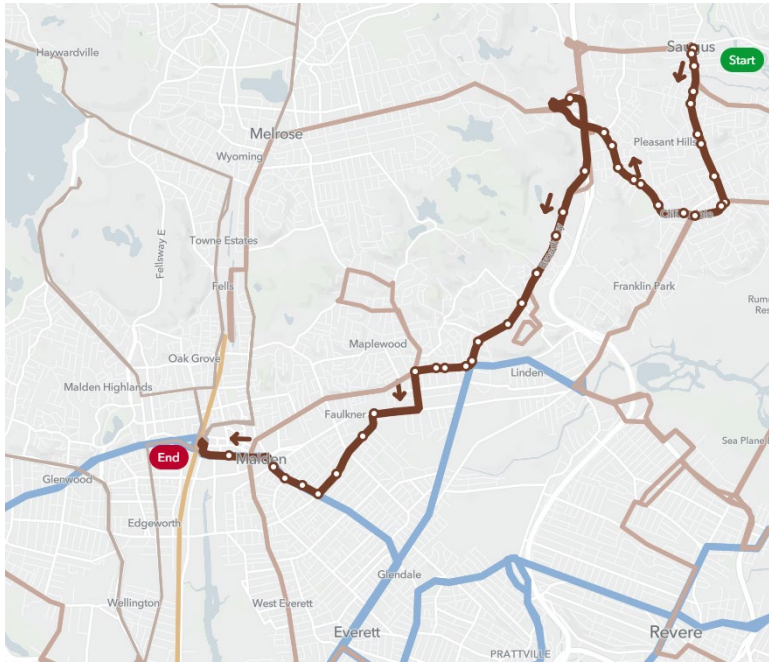
Revised Bus Network (Fall 2022)



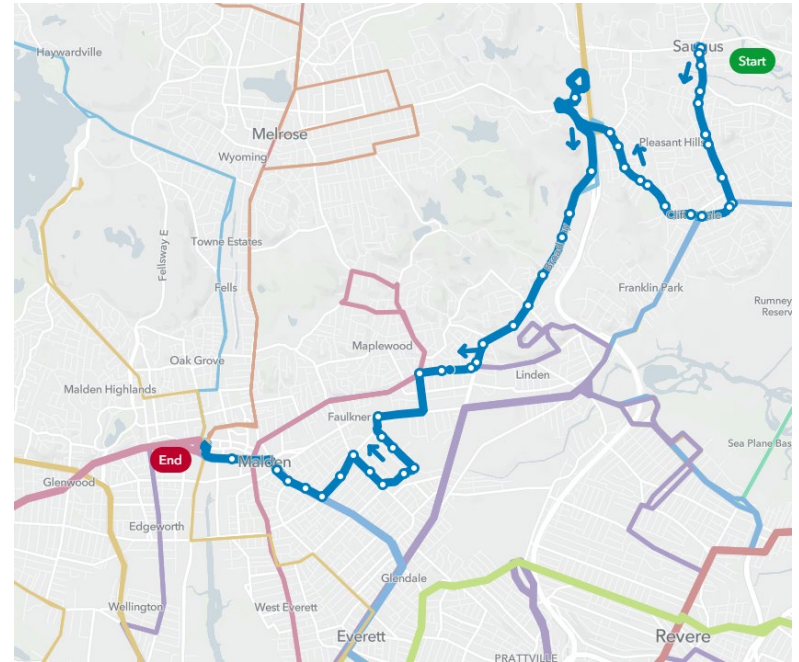
For more information on this route, watch the recording from breakout room 1.

# Bus Route 105

Draft Bus Network (May 2022)



Revised Bus Network (Fall 2022)



# Bus Route T104

Draft Bus Network (May 2022)

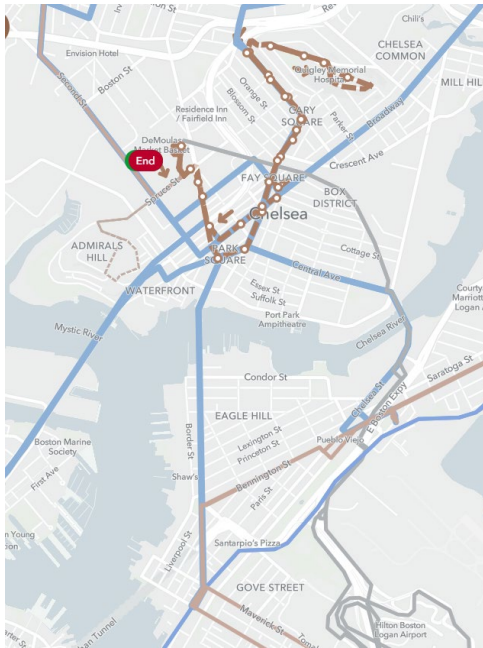


Revised Bus Network (Fall 2022)



# Bus Route 112

Draft Bus Network (May 2022)



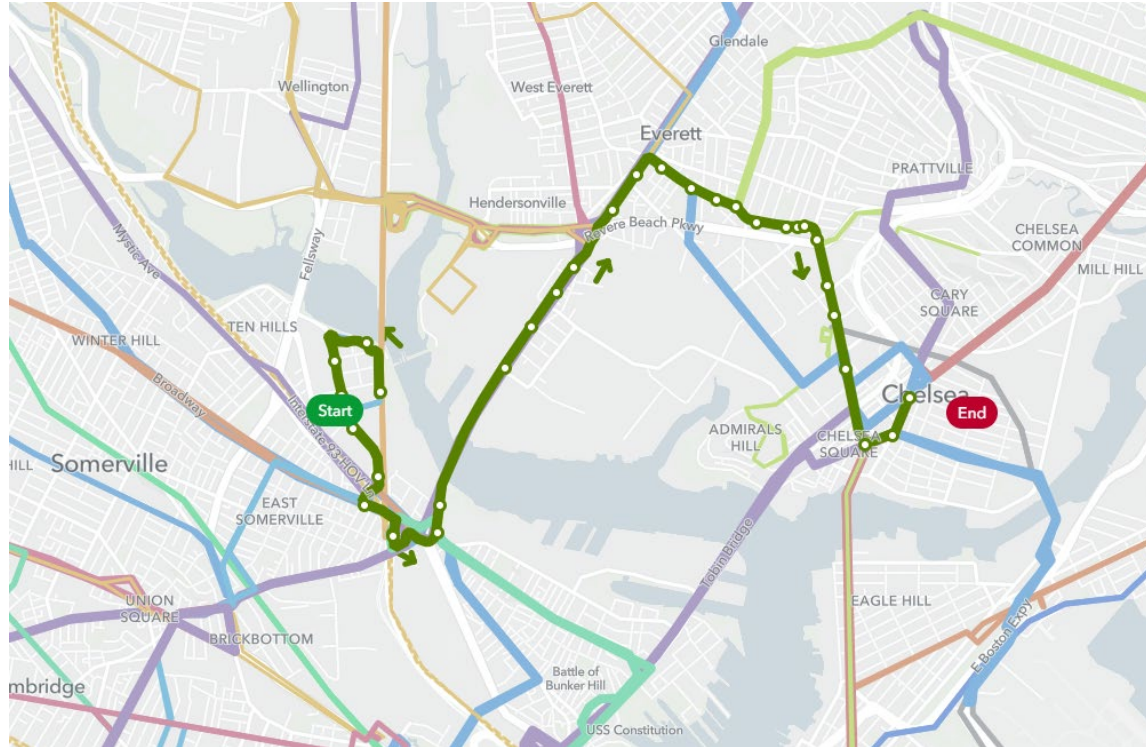
Revised Bus Network (Fall 2022)



For more information on this route, watch the recording from breakout room 1.

# Bus Route 113

Revised Bus Network (Fall 2022)



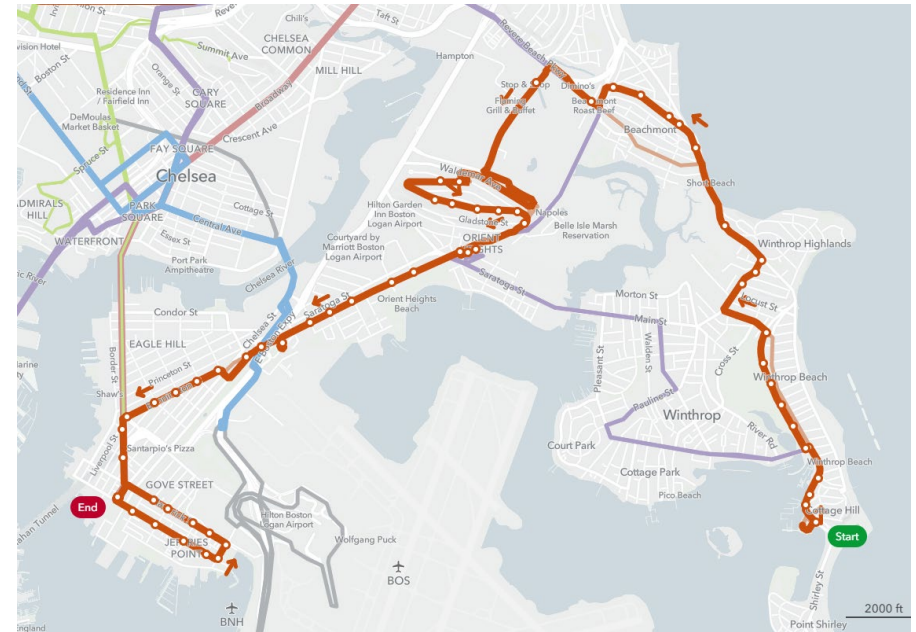
For more information on this route, watch the recording from breakout room 1.

# Bus Route 120

Draft Bus Network (May 2022)



Revised Bus Network (Fall 2022)

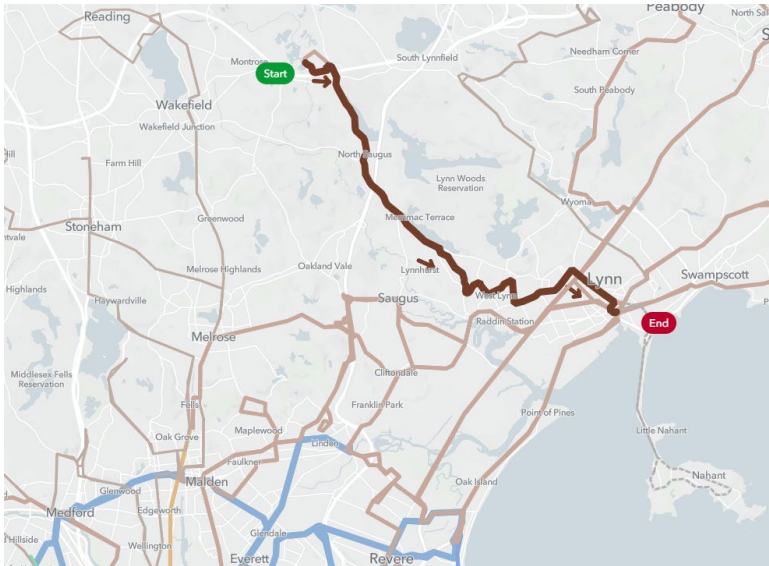




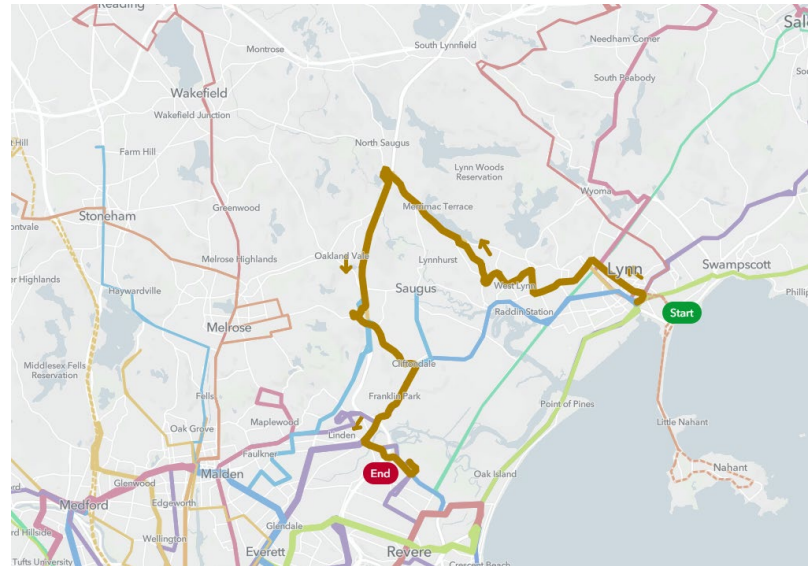


# Bus Route 429

Draft Bus Network (May 2022)

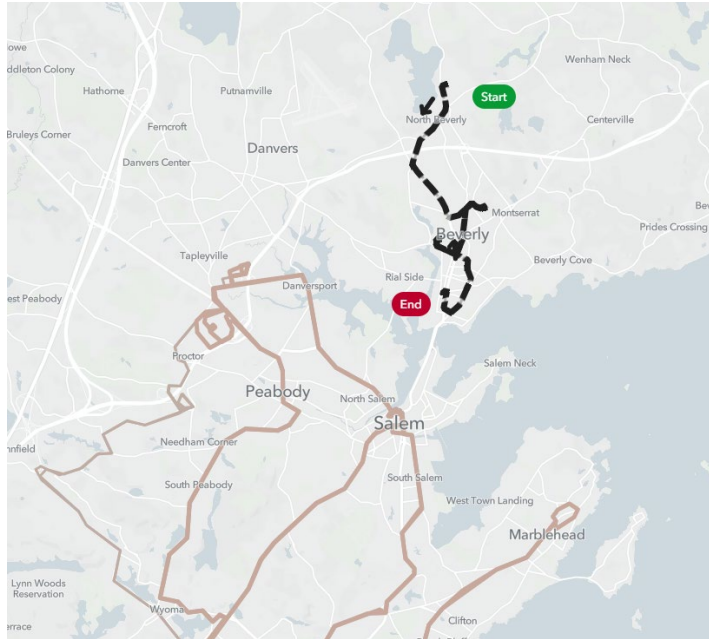


Revised Bus Network (Fall 2022)

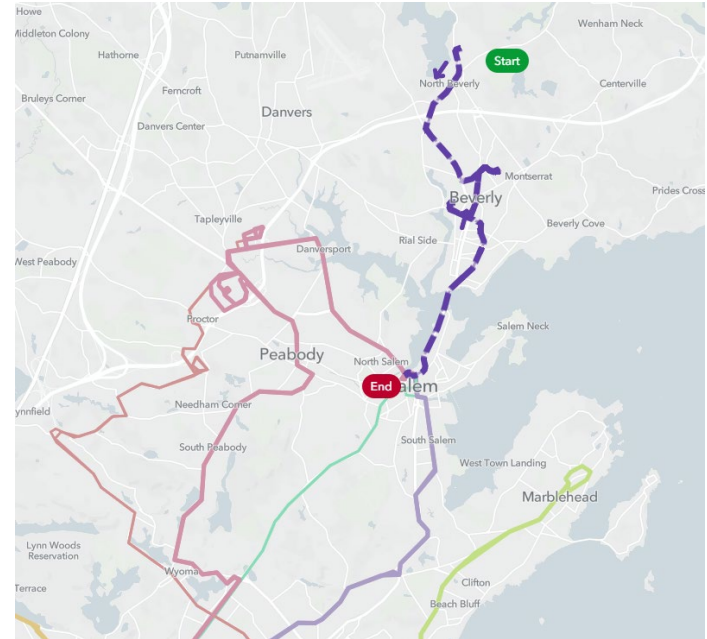


# Bus Route 451

Draft Bus Network (May 2022)



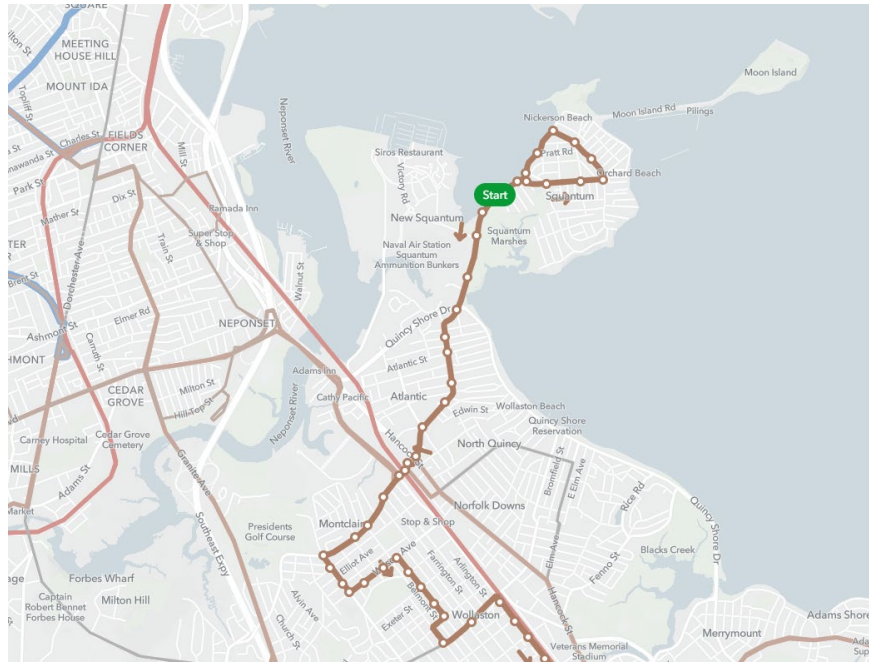
Revised Bus Network (Fall 2022)



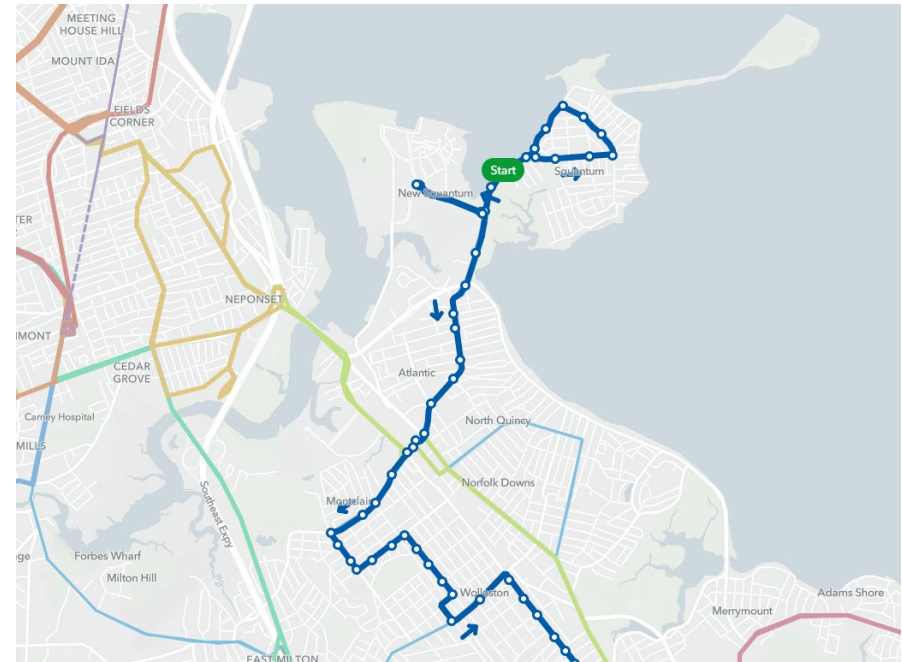
For more information on this route, watch the recording from breakout room 1.

# Bus Route 211: Squantum to Quincy Center

Draft Bus Network (May 2022)

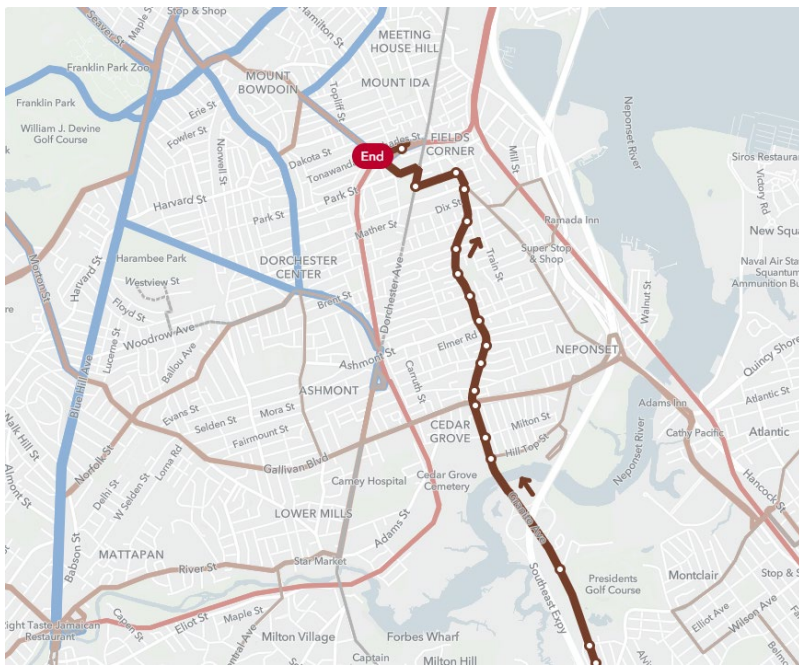


Revised Bus Network (Fall 2022)

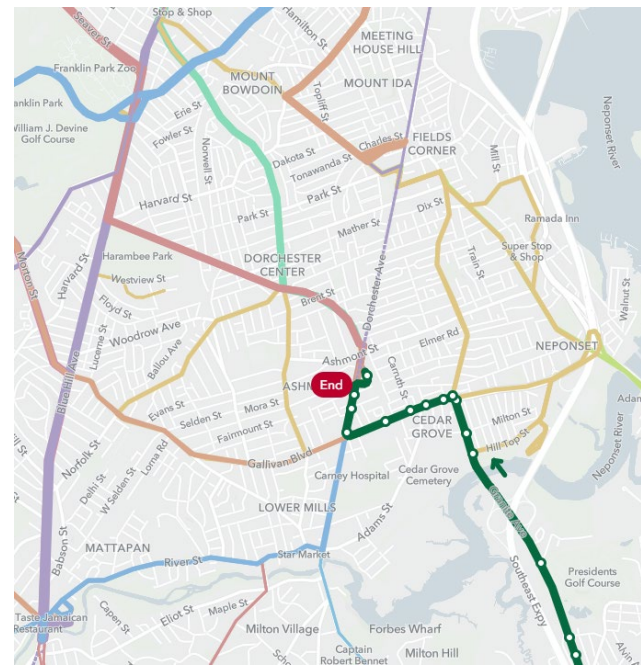


# Bus Route 215: Quincy Center to Ashmont

Draft Bus Network (May 2022)

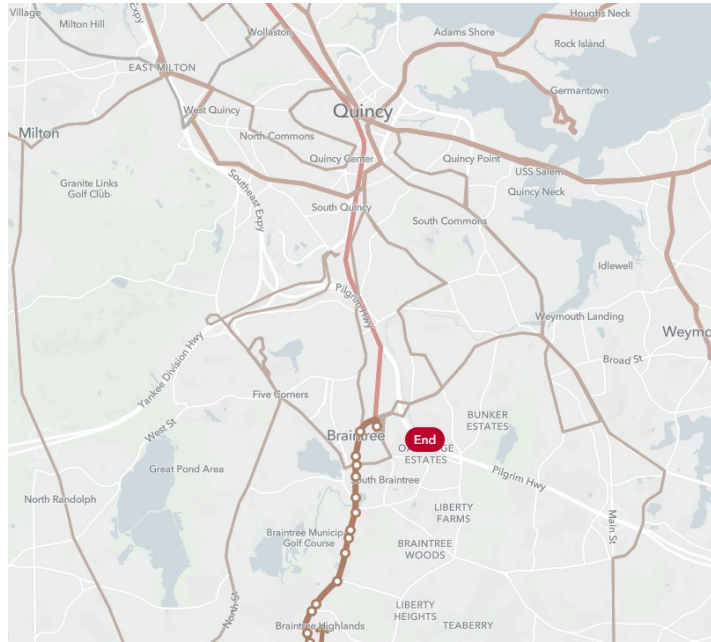


Revised Bus Network (Fall 2022)

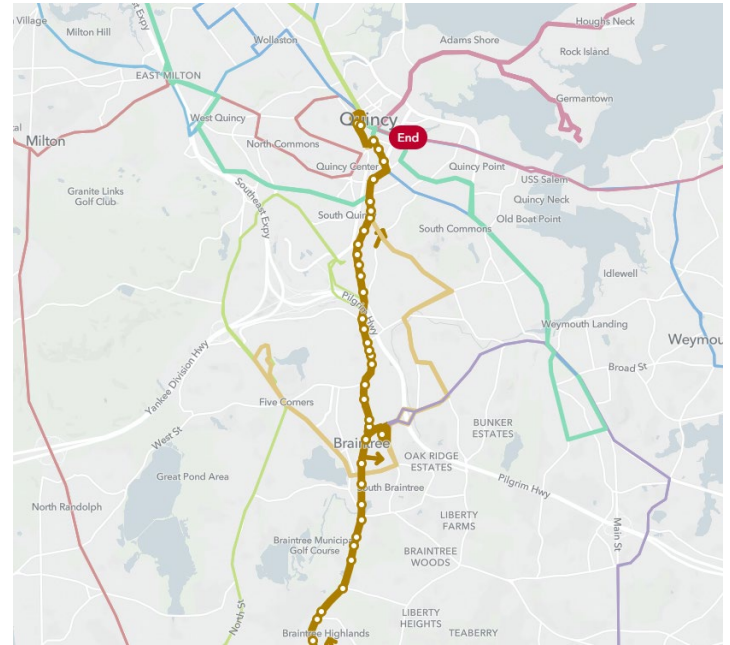


# Bus Route 230: Montello Station to Quincy Center

Draft Bus Network (May 2022)

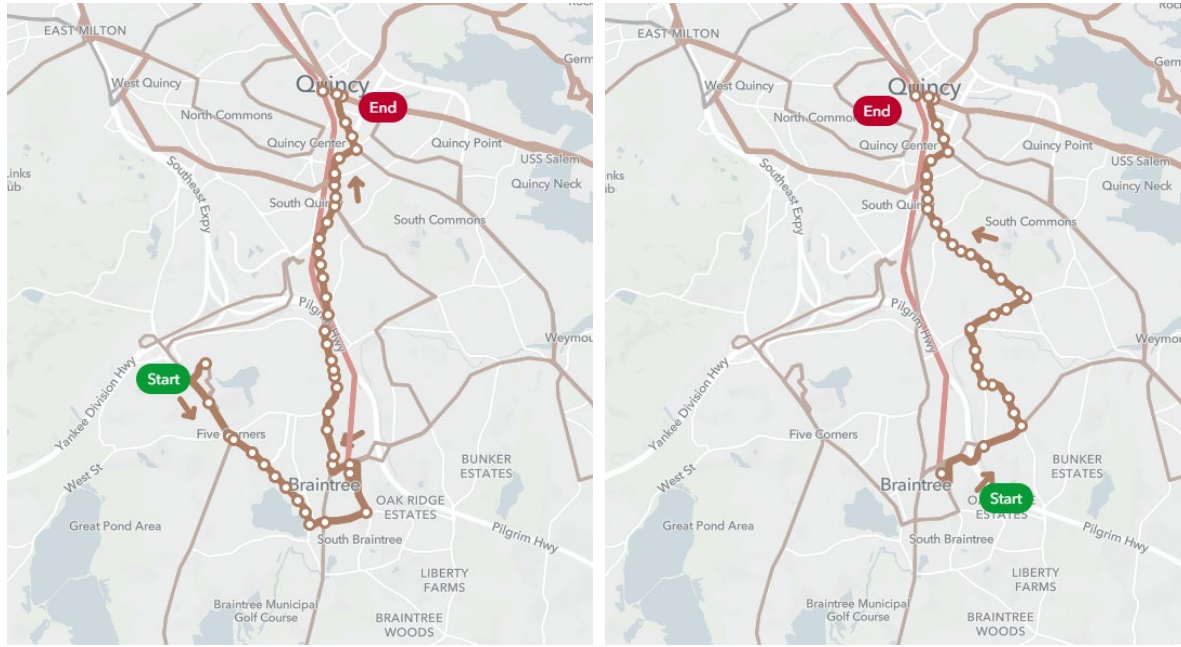


Revised Bus Network (Fall 2022)

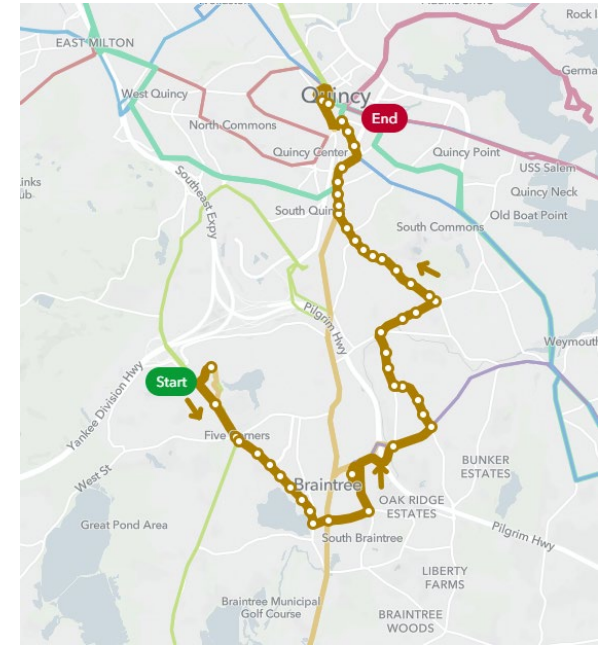


# Bus Routes 236 and 237

Draft Bus Network (May 2022)

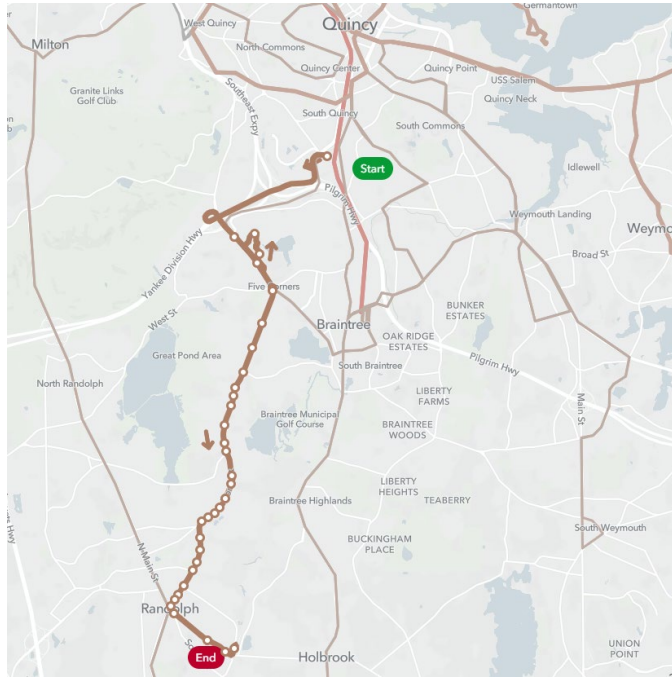


Revised Bus Network (Fall 2022)

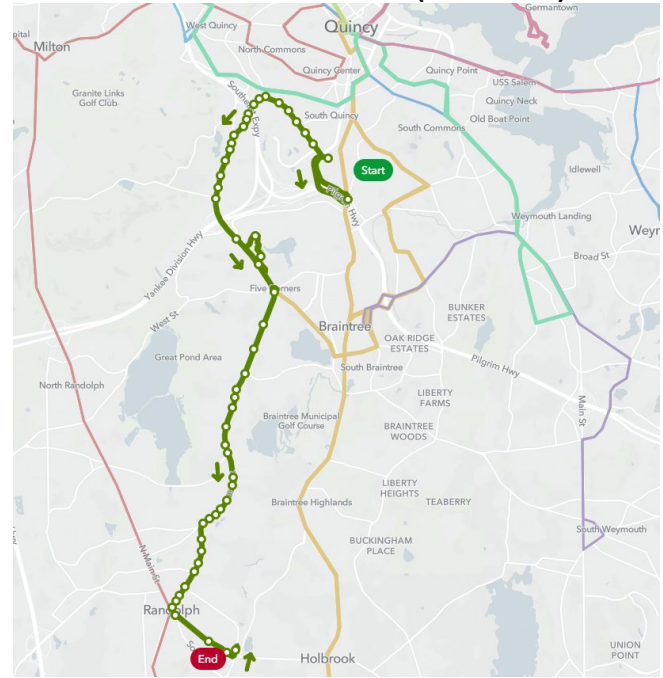


# Bus Route 238: Holbrook/Randolph Station to Quincy Adams

## Draft Bus Network (May 2022)

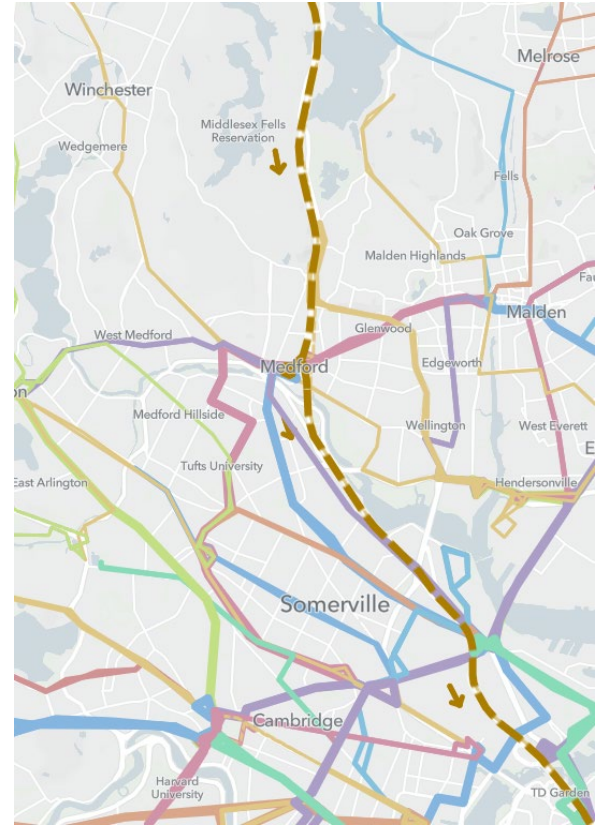
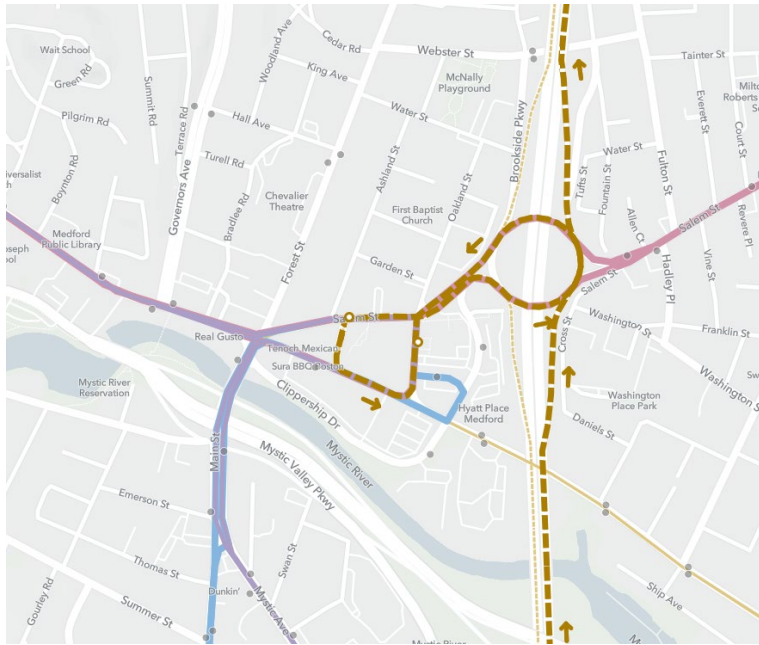


## Revised Bus Network (Fall 2022)



# Bus Route 354

## Revised Bus Network (Fall 2022)



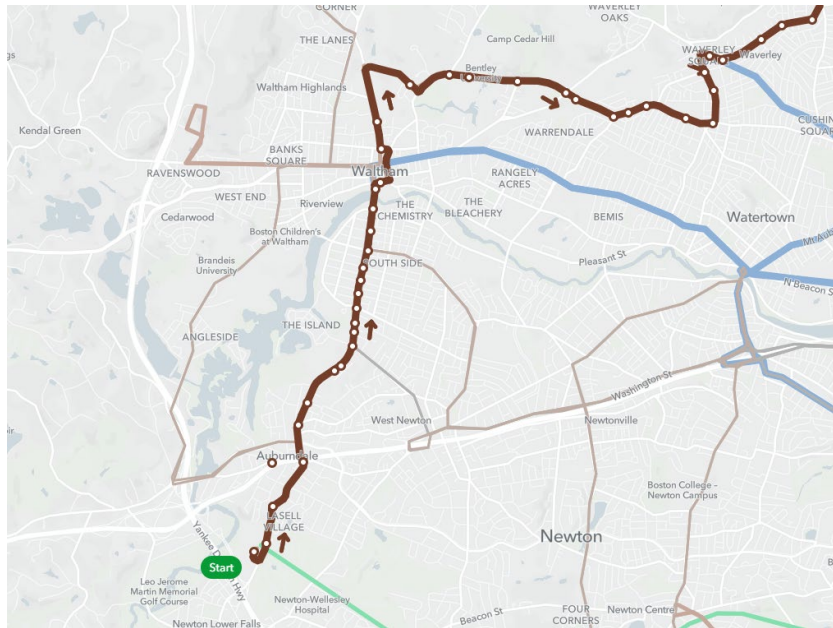
For more information on this route, watch the recording from breakout room 2.



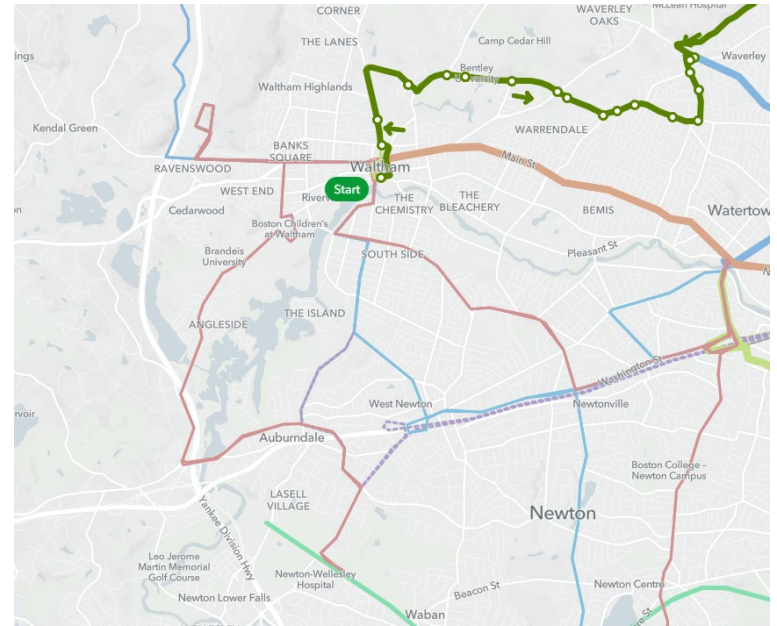


# Bus Route 54

Draft Bus Network (May 2022)

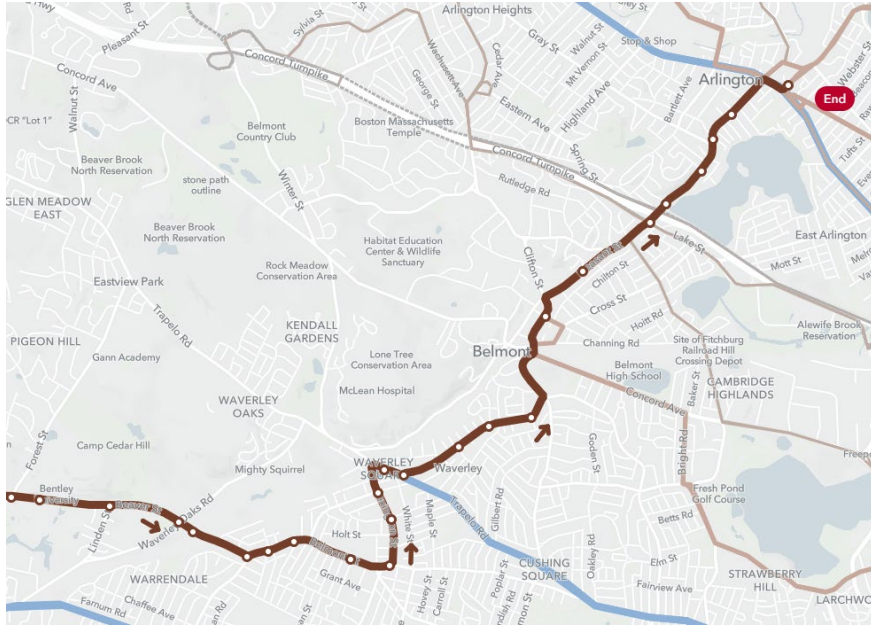


Revised Bus Network (Fall 2022)

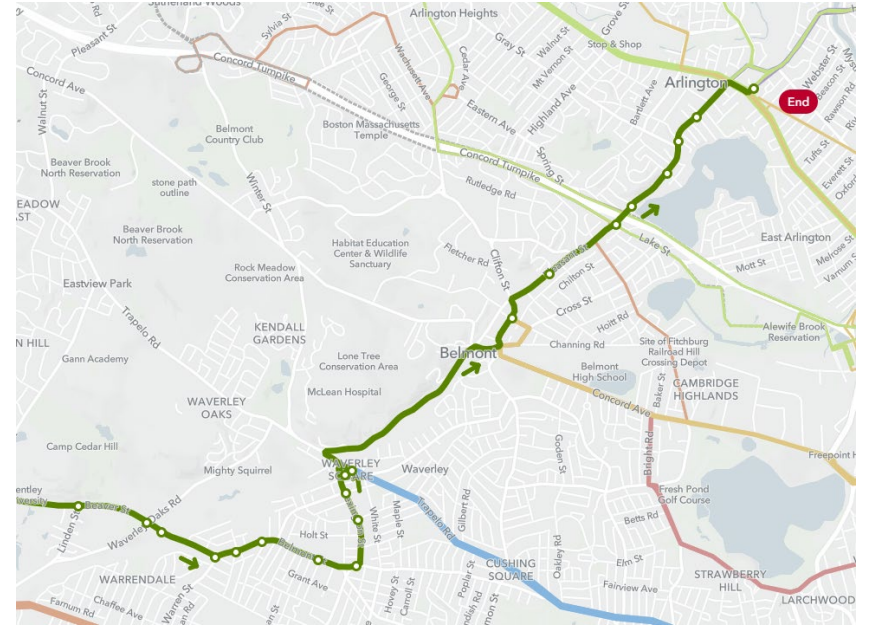


# Bus Route 54

Draft Bus Network (May 2022)

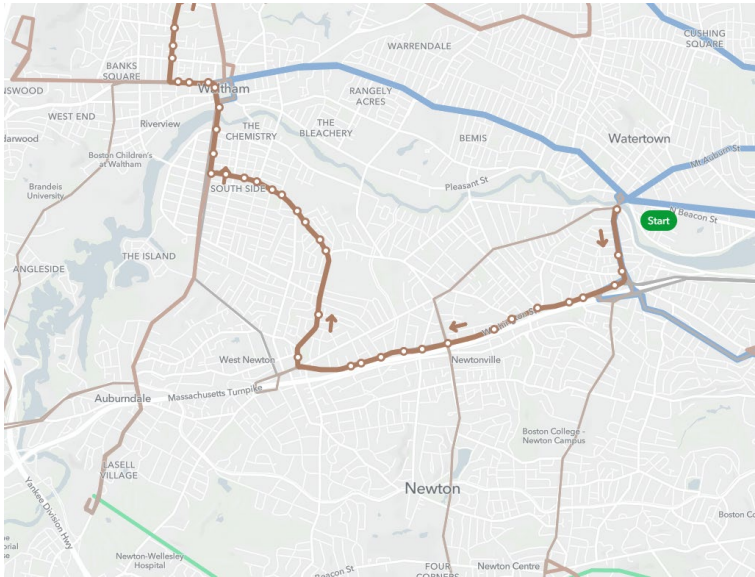


Revised Bus Network (Fall 2022)

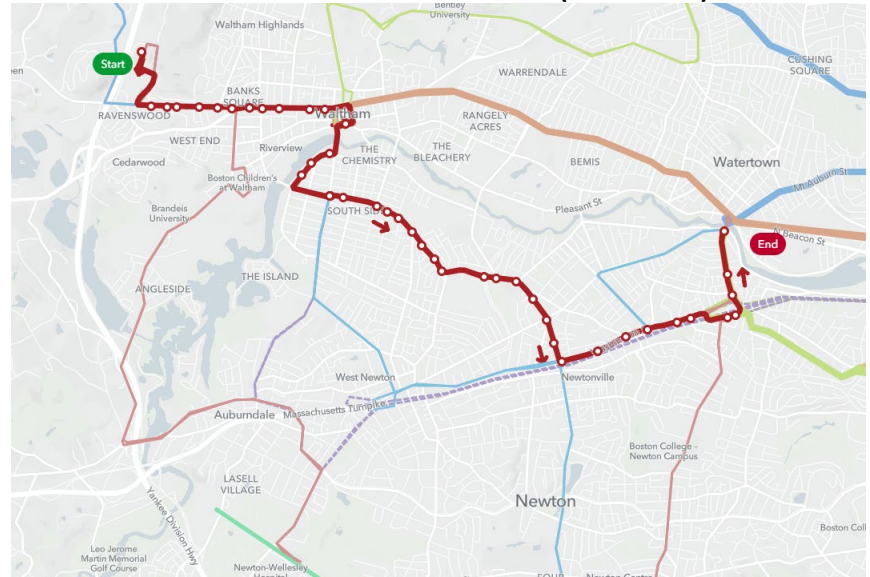


# Bus Routes 61 and 56

Draft Bus Network (May 2022)

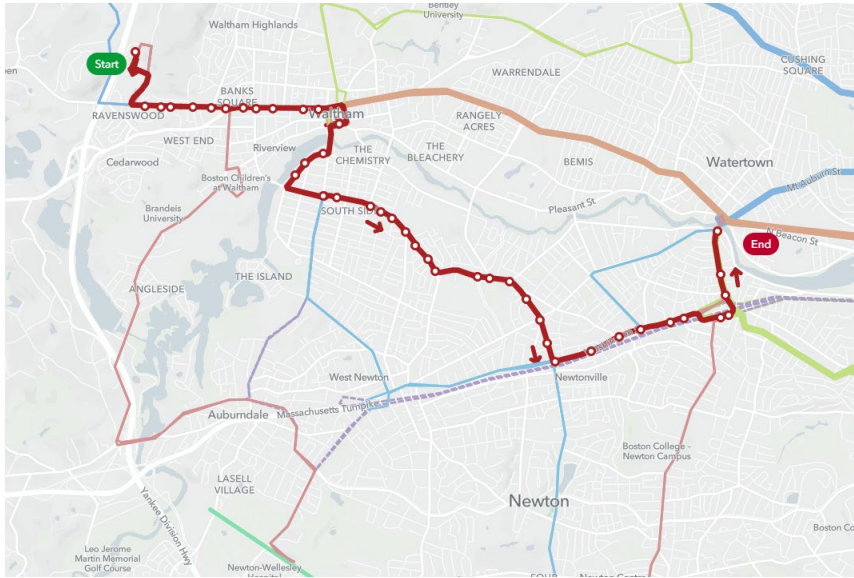


Revised Bus Network (Fall 2022)

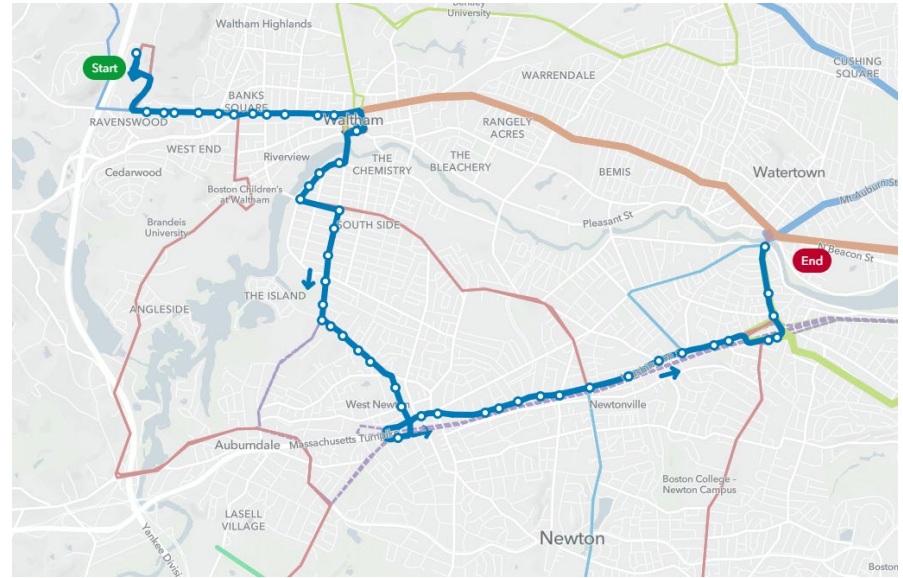


# Bus Routes 56 and 58

Revised Bus Network (Fall 2022)

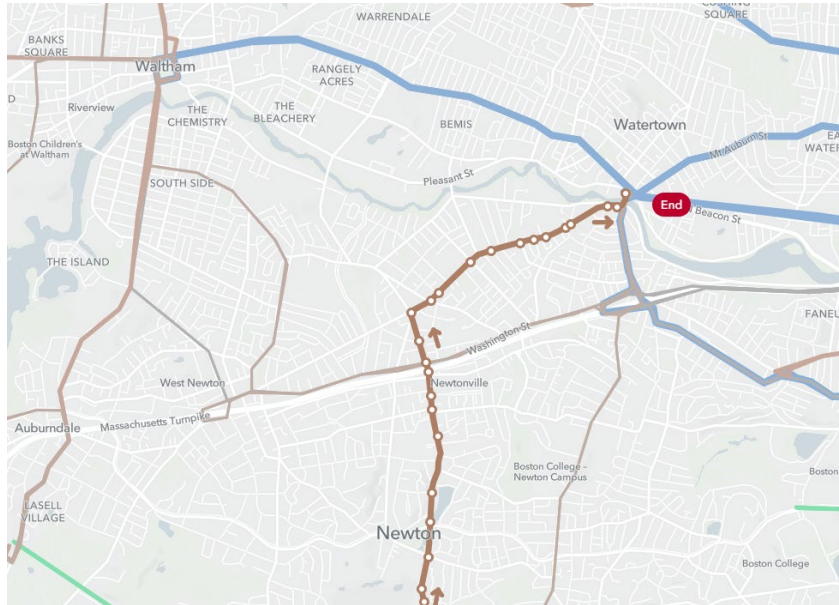


Revised Bus Network (Fall 2022)

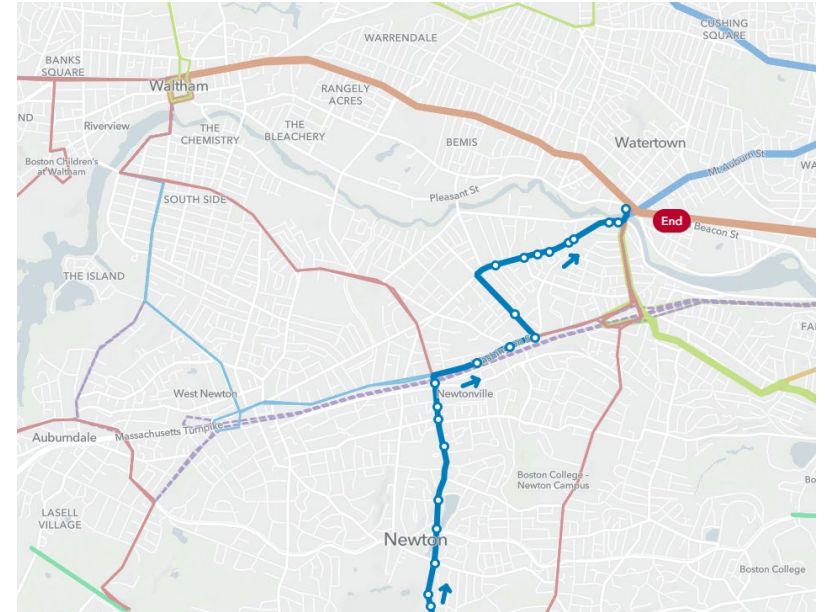


# Bus Route 59

Draft Bus Network (May 2022)



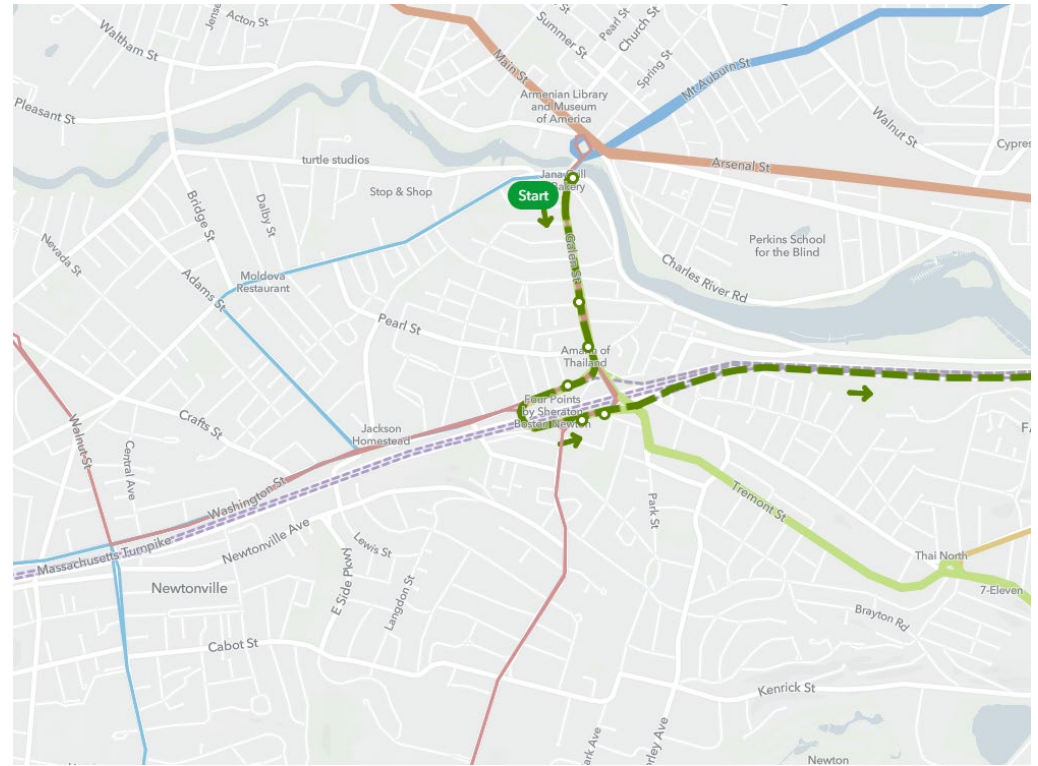
Revised Bus Network (Fall 2022)



# Bus Route 504

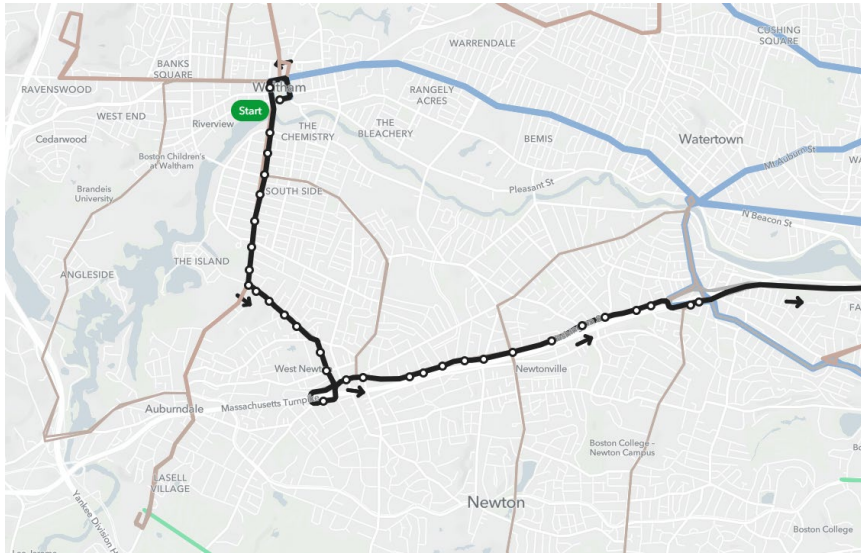
- Added midday service

Revised Bus Network (Fall 2022)



# Bus Route 505

Draft Bus Network (May 2022)



Revised Bus Network (Fall 2022)

