



Littleton Bicycle and Pedestrian Master Plan

December 1, 2022

Town of Littleton and Metropolitan
Area Planning Council (MAPC)

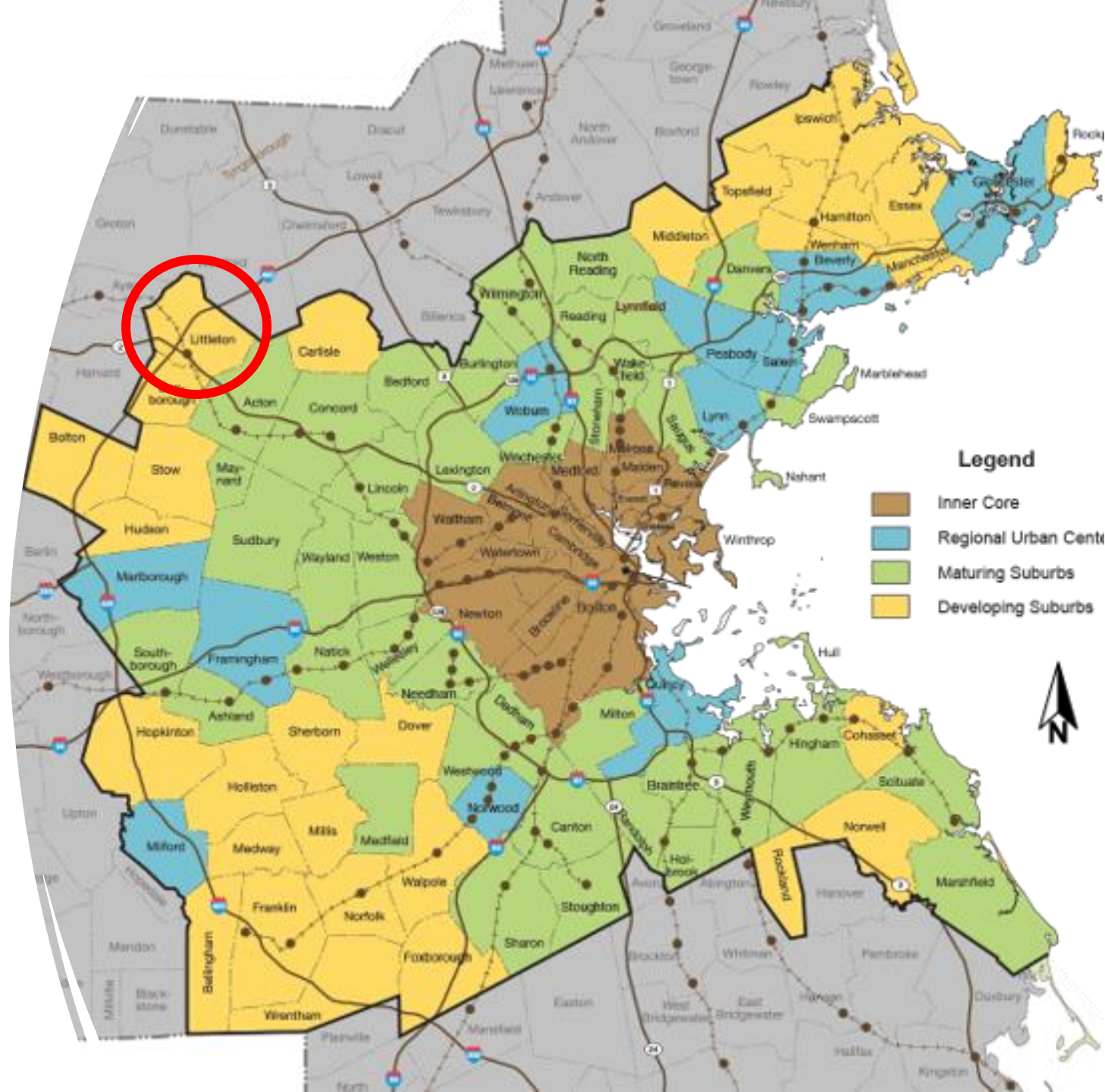
Introduction

- Littleton & MAPC are working on a bike and pedestrian master plan for the town
- Today we will present draft findings from our work to date
 - Site visit
 - Existing conditions research
 - Community survey (600+ responses)
- Next steps



Project Team

- Town of Littleton
 - Maren Toohill, Town Planner
 - Jonathan Isacc, Chair of BPAC
 - Michael Gruar, BPAC
- Metropolitan Area Planning Council (MAPC)
 - Marah Holland, Transportation Planner II
 - David Loutzenheiser, Senior Transportation Planner



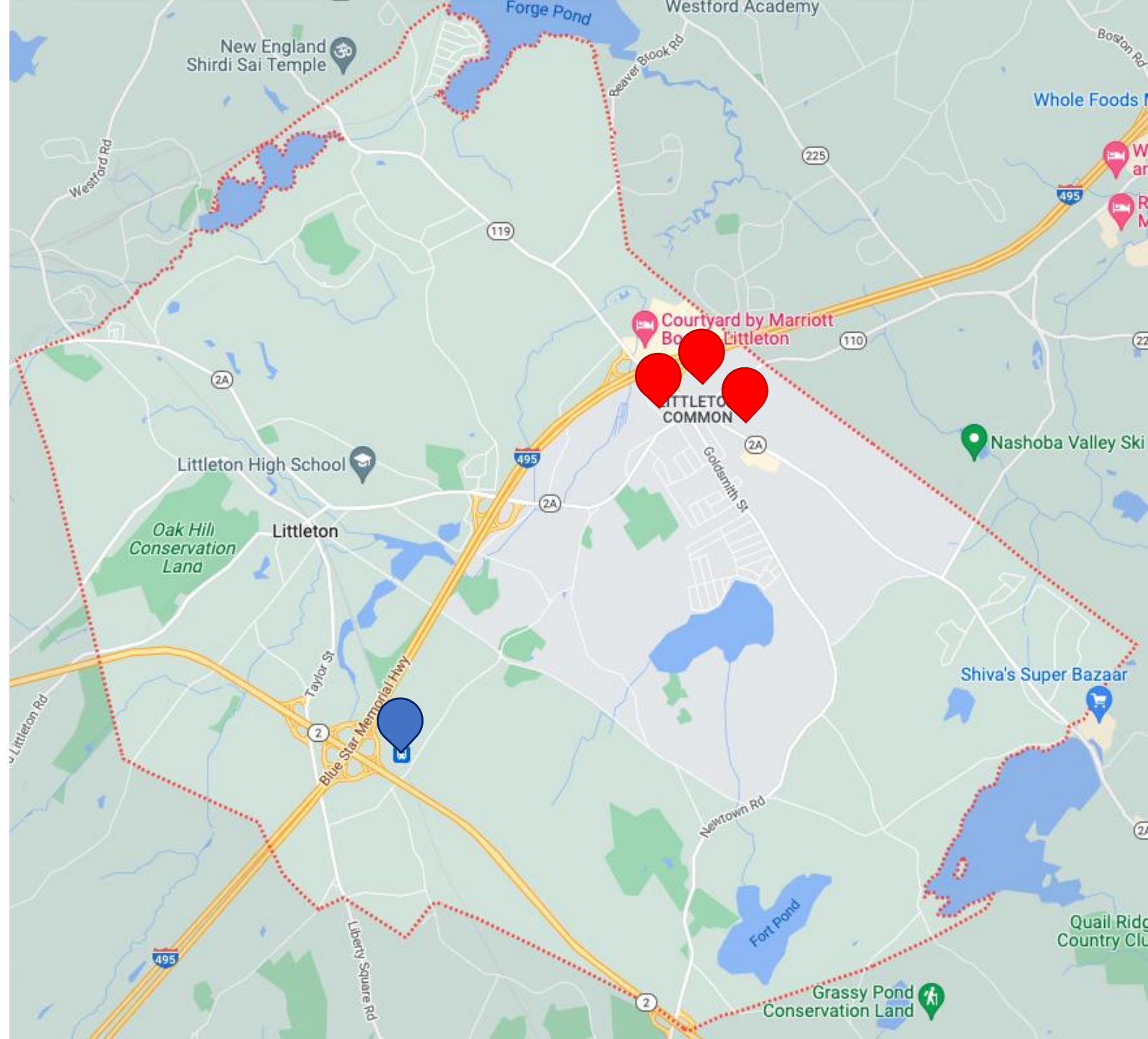


Overview

- Town has multiple relevant boards and committees including: Town Select Board, Bicycle and Pedestrian Advisory Committee, Transportation Advisory Council, Master Plan Implementation Committee, Open Space and Recreation Committees, and Sustainability Committee
- The proposed plan shall show a comprehensive transportation network that could utilize a variety of facilities such as pathways, trails, bike lanes, shared lanes, multi-use pathways, sidewalks and other types of facilities
- This plan will propose improvements for **walking**, **biking**, and **rolling** (other types of personal wheeled mobility besides bicycling, such as wheelchairs, walkers, scooters, strollers, mopeds, skateboards, and more)

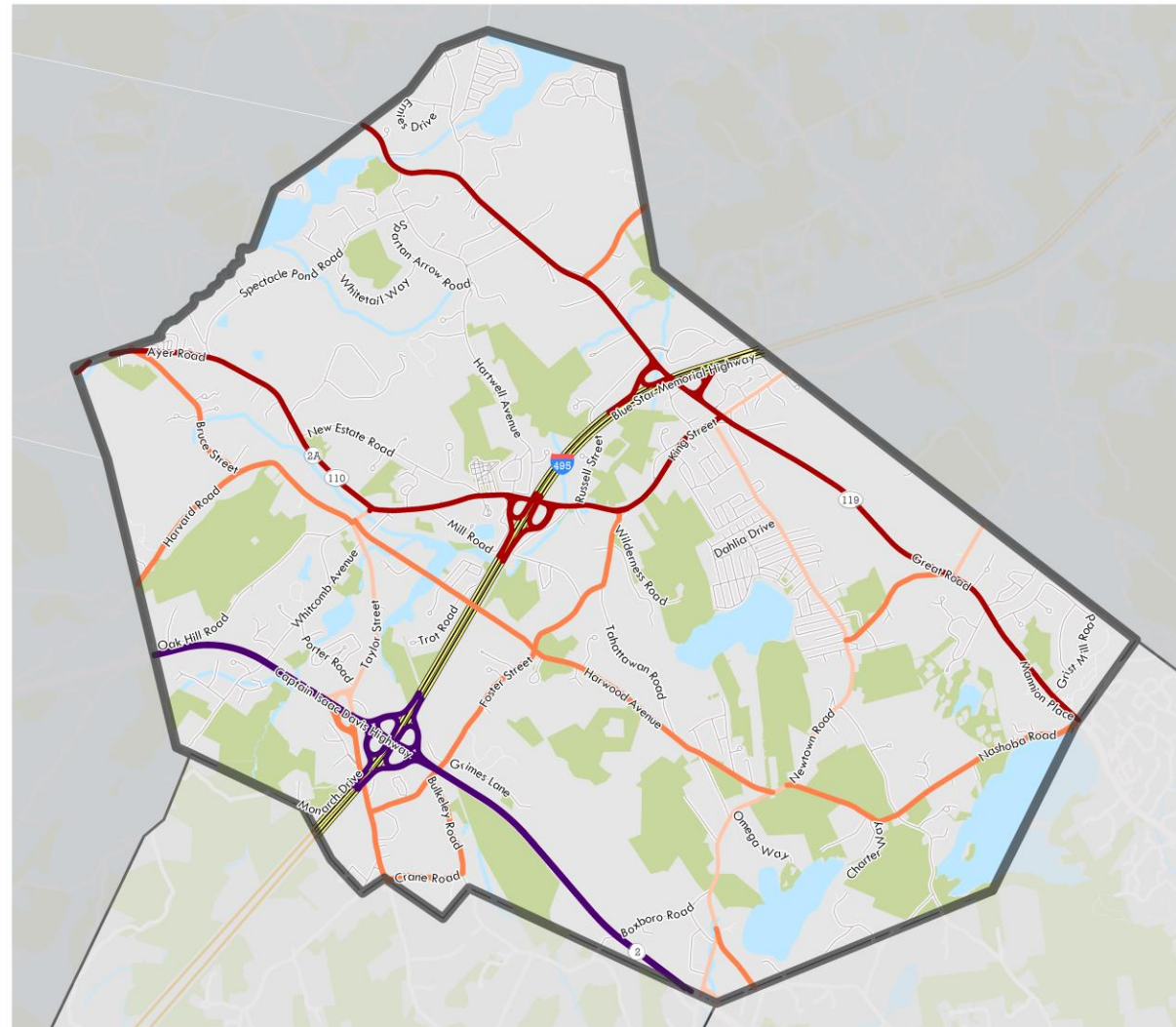
Littleton Redevelopment

- New zoning in Littleton Common requiring 10ft sidewalks
- 550 King Street redevelopment
 - Mix of residential and commercial
- 410 Great Road redevelopment
 - Residential
- Northern Bank redevelopment
 - 5 parcels along Great Road and Robinson Road
- MBTA Communities legislation



Road Classification

- Over 70% of Littleton's roads are town-controlled, meaning there is a high potential for the town to make changes that benefit people biking, walking and rolling
- A few major highways cut through Littleton, creating challenges for active transportation modes



Littleton Bike and Pedestrian Plan Road Classification

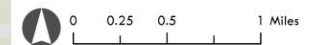
Roadway Functional Classification	MAPC Boundary
Interstate	Rivers and Streams
Principal Arterial	Water
Urban principal arterial	Open Space
Urban collector	MA Town
Urban minor arterial	Outside MAPC
Local	

The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.

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60 Temple Place, Boston, MA 02111 | (617) 933-0700

Data Sources: MAPC, MassGIS, MassDOT

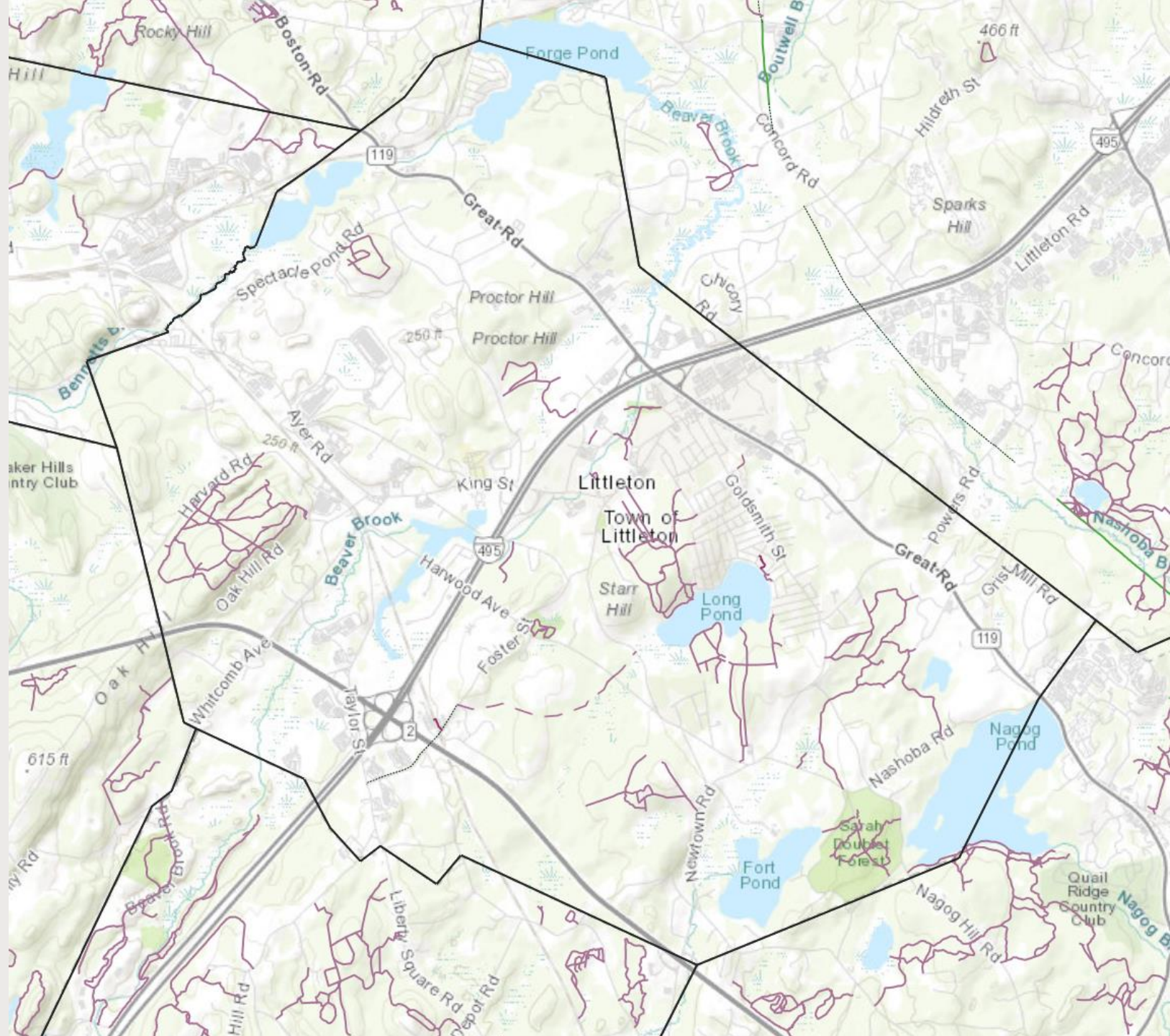
November 2022



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Foot Trails

- Littleton has many natural surface foot trails, but few opportunities to connect between them
- The town is adjacent to the newly extended Bruce Freeman Rail Trail



Town of Littleton

Existing Bicycle and Pedestrian Facilities

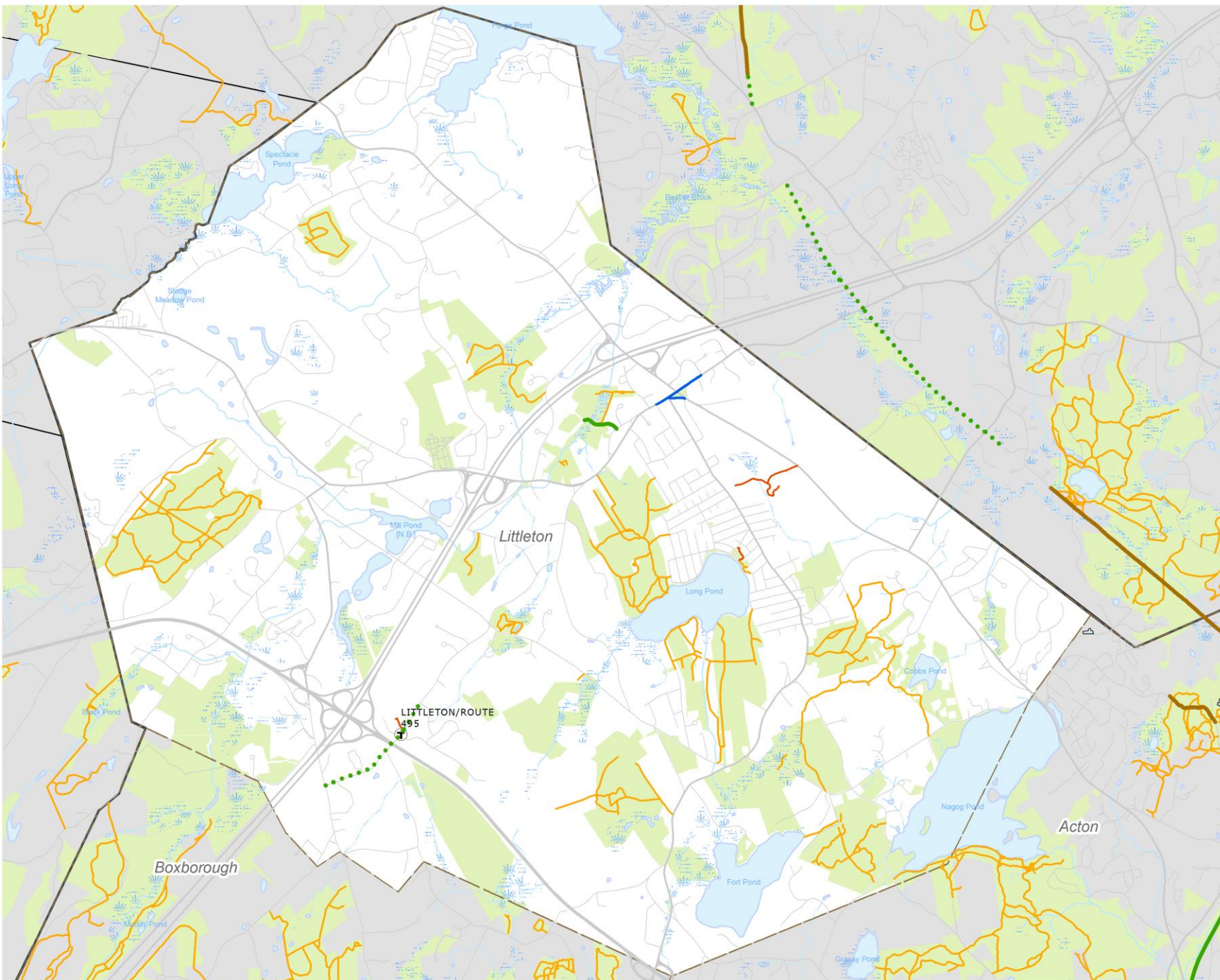
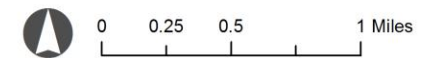
- Complete
- Design or Construction
- Shared Use Path – Improved surface
- Shared Use Path – Unimproved
- Bike Lane
- Protected Bike Lane
- Paved Footway
- Natural Surface Trail

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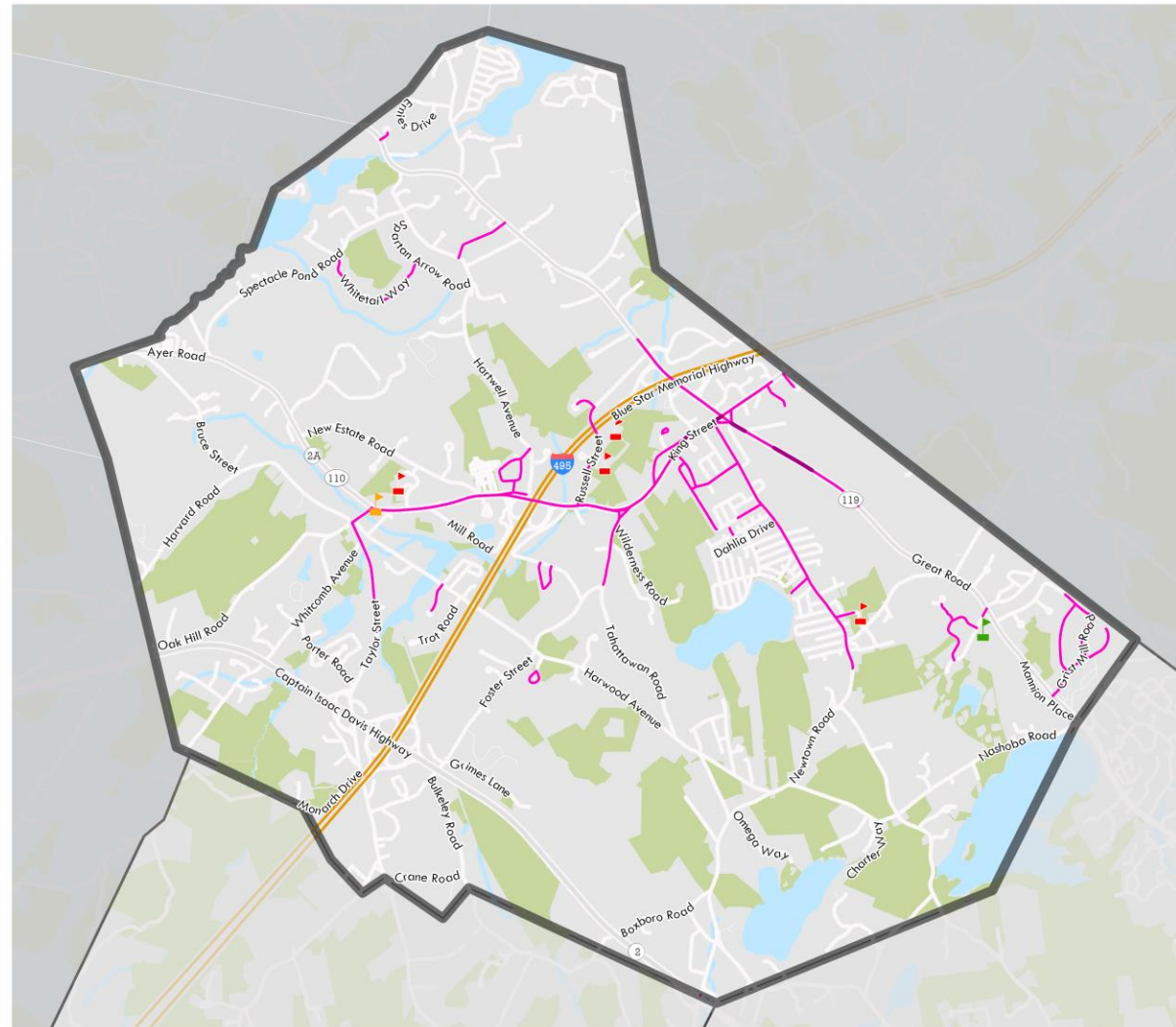
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Existing Sidewalks

- Littleton has sidewalks on a few connector streets, including King St, Goldsmith St, Foster St, and Taylor St
- Many local schools are connected view the current sidewalk network



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Littleton Bike and Pedestrian Plan Sidewalk Inventory

- Sidewalks**
- Sidewalk on one side
 - Sidewalk on both sides
- Schools (Pre-K - High School) by Type**
- Public
 - Private
 - Special Education
- MAPC Boundary**
- Rivers and Streams
 - Water
 - Open Space
 - MA Town
 - Outside MAPC

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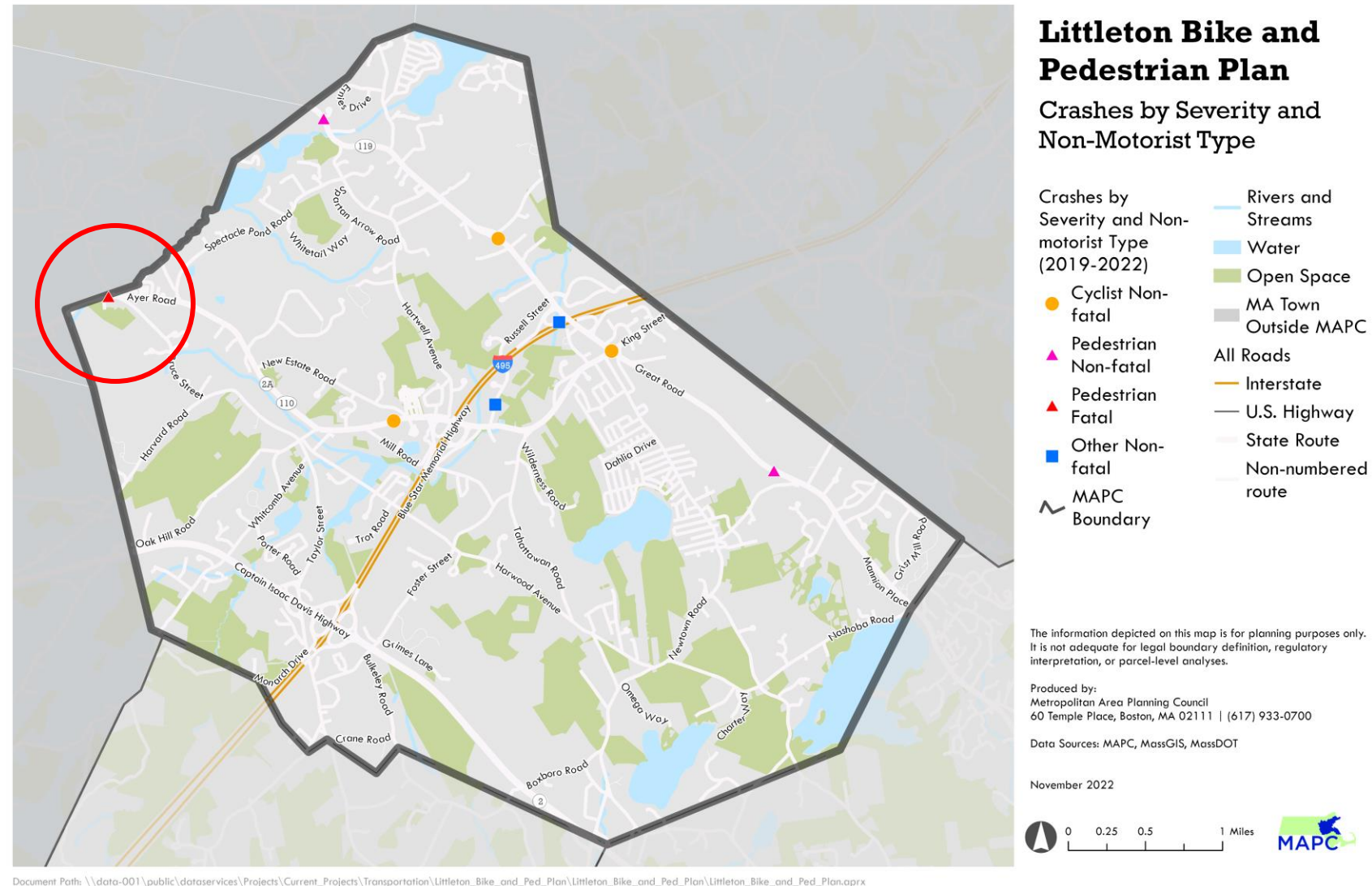
Data Sources: MAPC, MassGIS, MassDOT, ACS 5-year Estimates (2020)

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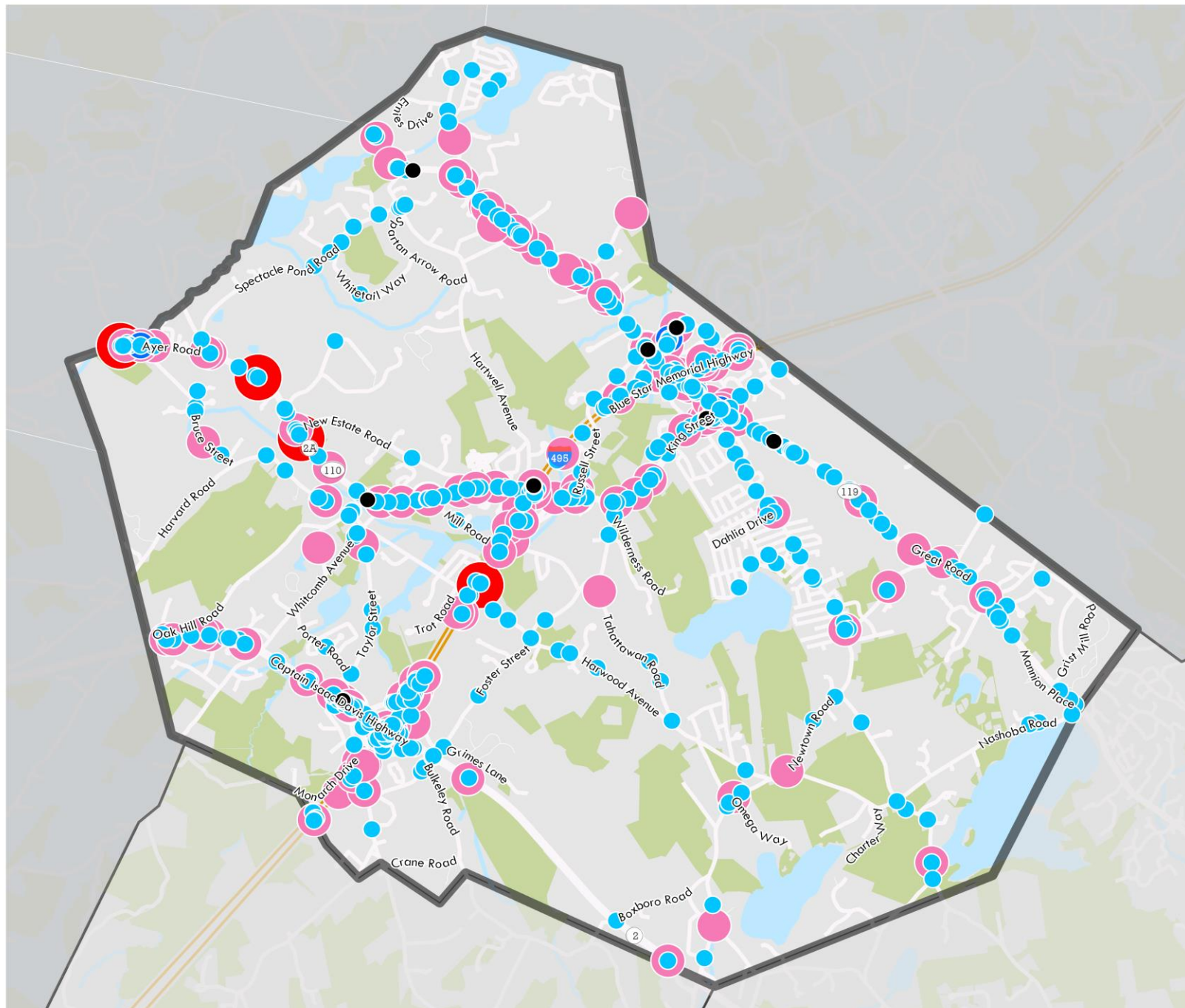
Bike and Pedestrian Crashes

- One fatal pedestrian crash occurred in west Littleton on Route 2A
- Not surprisingly, crashes are concentrated on state numbered routes and larger arterial streets



Littleton Bike and Pedestrian Plan

Vehicle Crashes

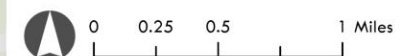


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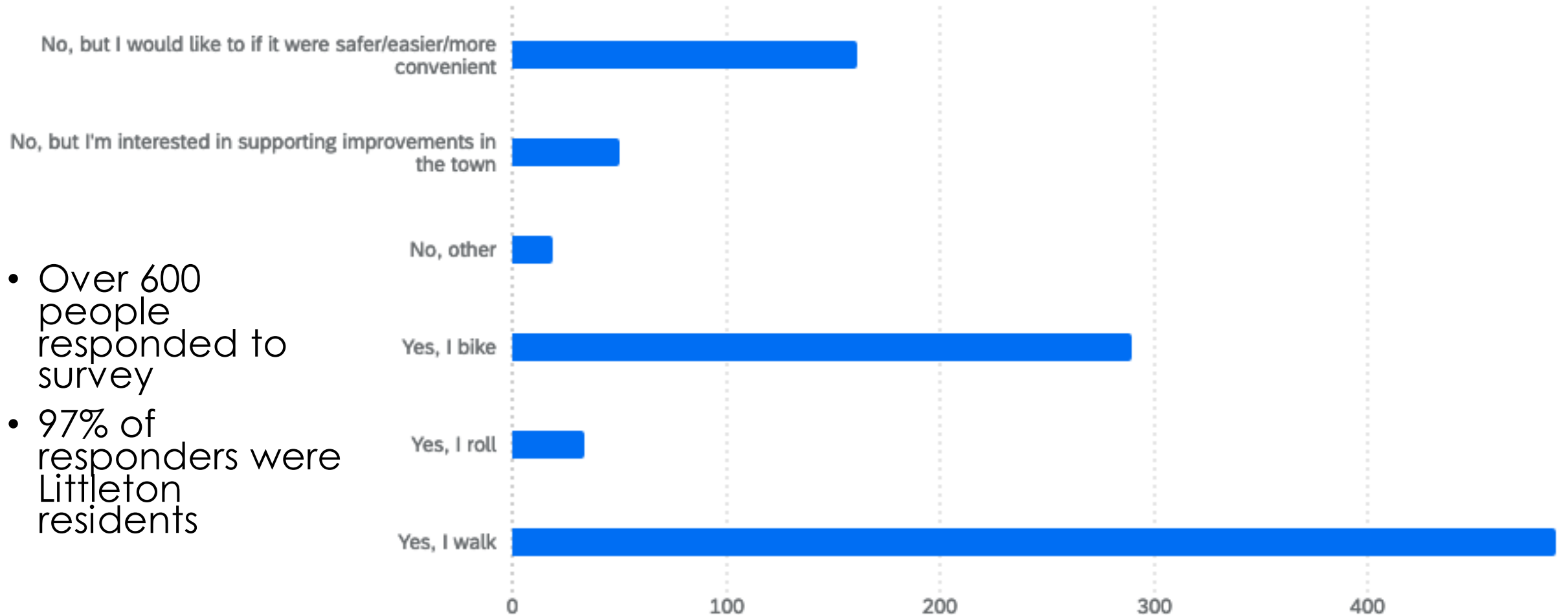
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Survey Results

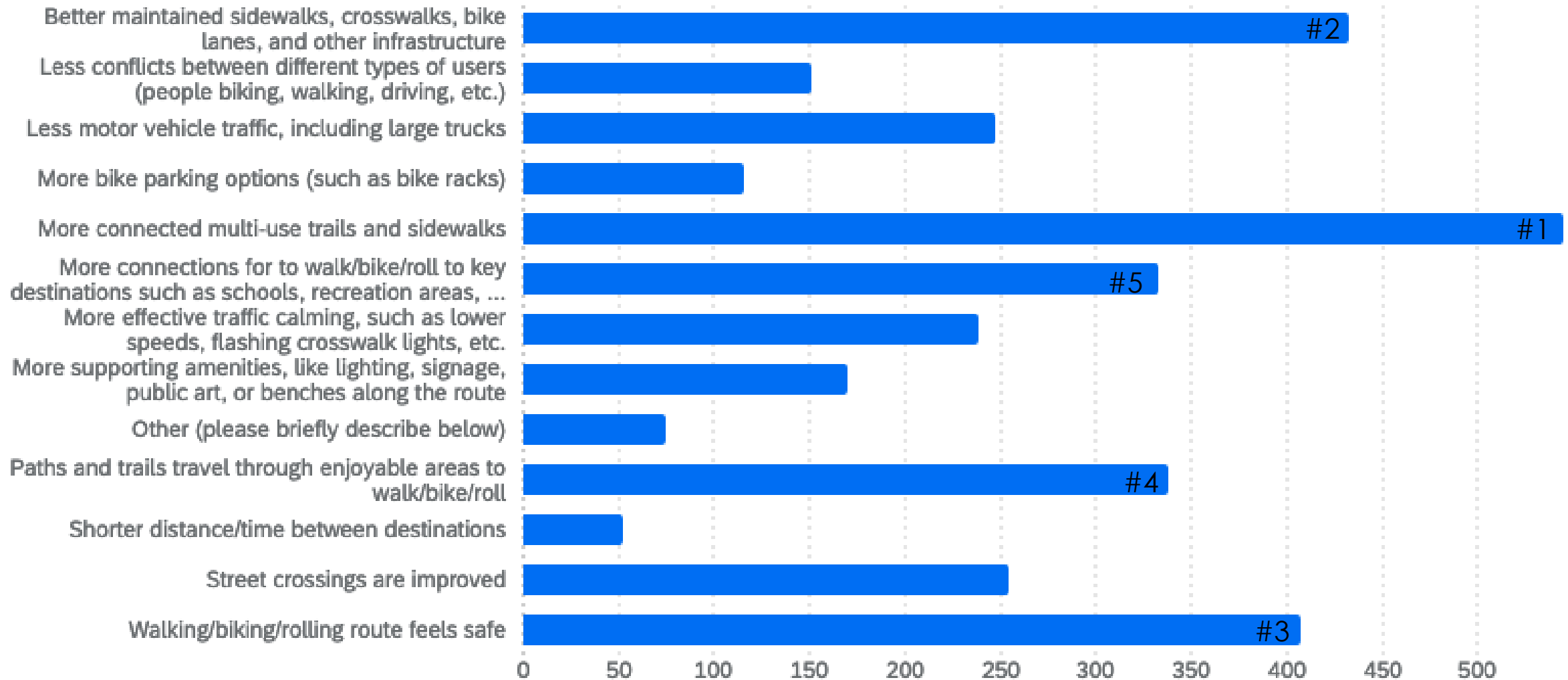
Do you walk, bike, or roll in Littleton now?



- Over 600 people responded to survey
- 97% of responders were Littleton residents

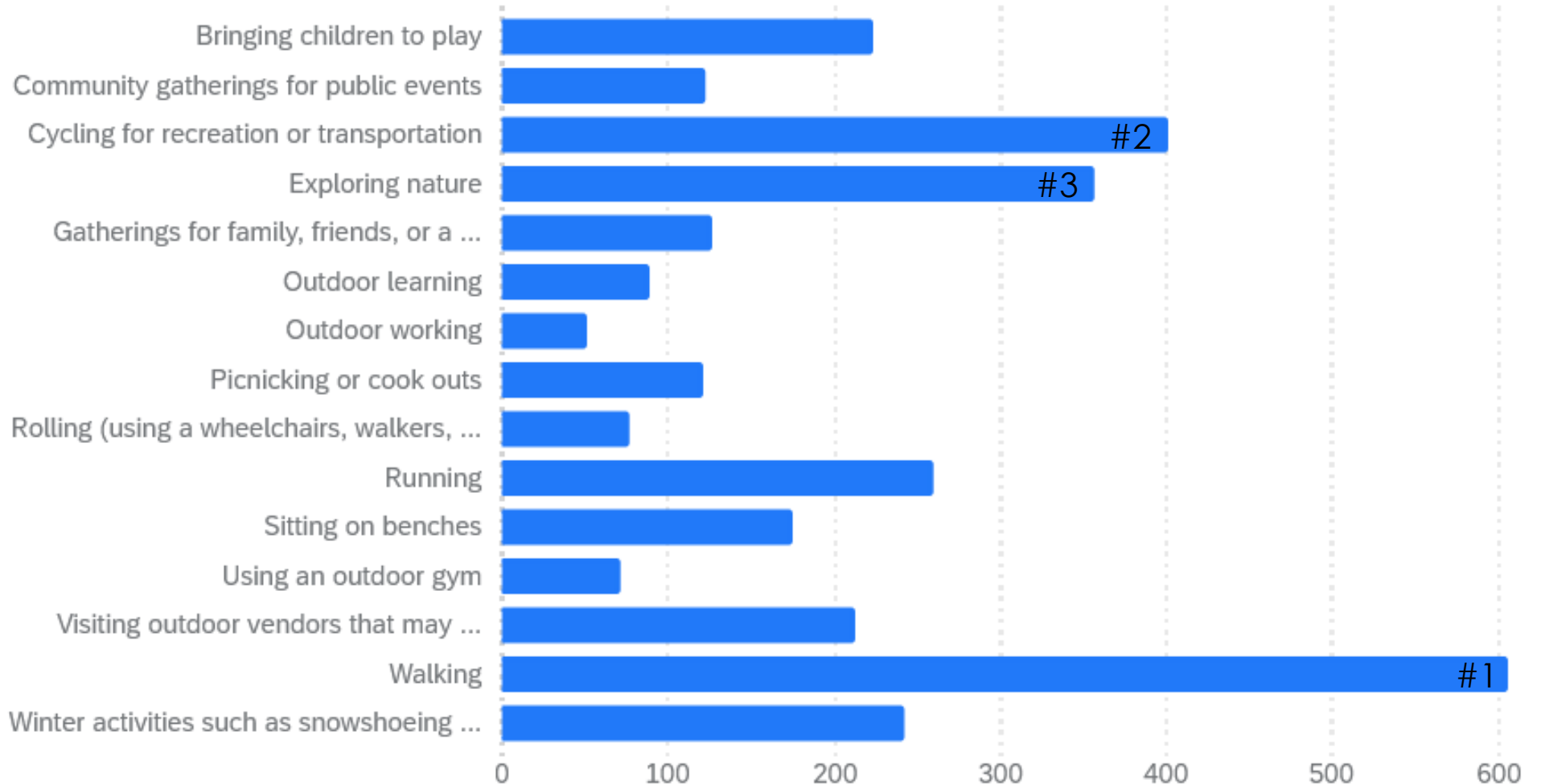
Survey Results

Which of these would encourage you to walk, bike, or roll more in Littleton?



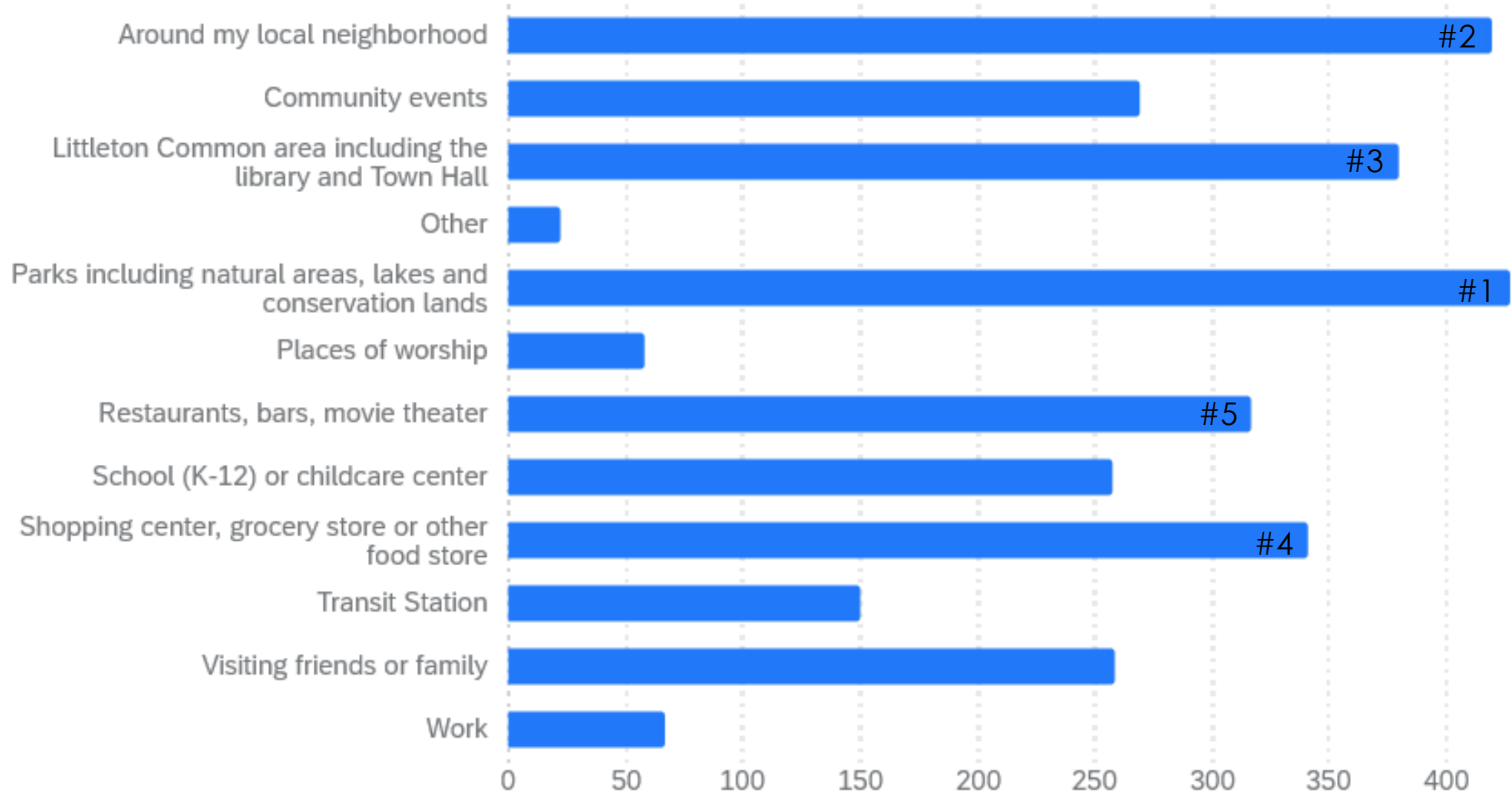
Survey Results

How would you like to use Littleton's current and future trails?



Survey Results

To what places would you and your family walk, bike or roll if you felt safe doing so?



Develop Greenway Corridors

ON ROAD



Phase 1 – Striping



Phase 2 – Protection

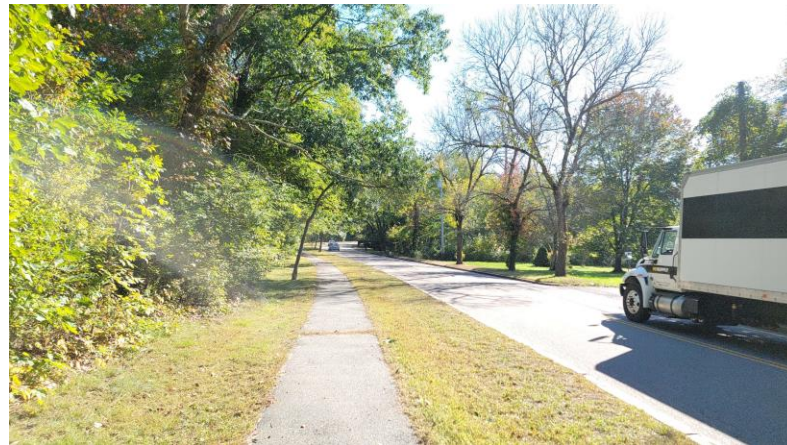


Phase 3 – Separation

OFF ROAD



Phase 1 – Unimproved surface path



Phase 2 – Narrow sidewalk



Phase 3 – Shared Use Path

Types of Interventions

- Safe Routes to School program
- Separated walk and bike facilities
- Road resurfacing
- Intersection improvements
- Road diets
- Adding amenities such as signage, lighting, benches, and more



Next Steps

- MAPC and Littleton staff will continue to develop plan based on community feedback
- Dec 2022: Survey closes
- Jan 2023: Meet with town committees
- Feb 2023: Public meeting
- April 2023: Draft plan sent to town for review
- May 2023: Public meeting
- June 2023: Final plan sent to town

Additional community engagement may include focus groups, presentations to committees, and civic organizations

