

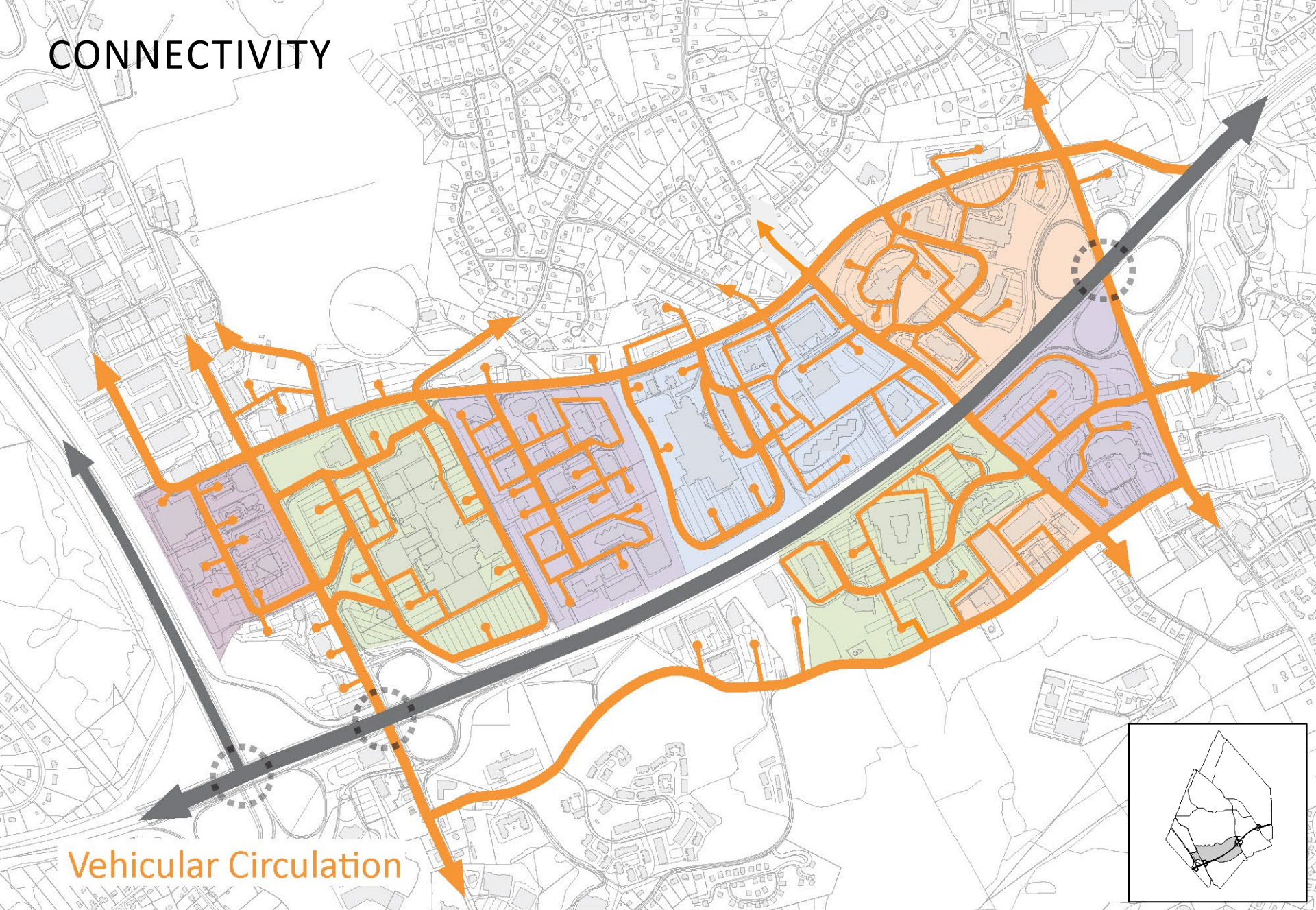
Burlington 128 District, Burlington, MA

APPENDIX A MOBILITY ANALYSIS

August 2021 to August 2022

MADDEN PLANNING GROUP | LANDWISE ADVISORS | GAMBLE ASSOCIATES | BUENAS VIBRAS

CONNECTIVITY



Today there is little connectivity between the individual developments.



CONNECTIVITY



Lack of connectivity between individual developments.



Transit amenities



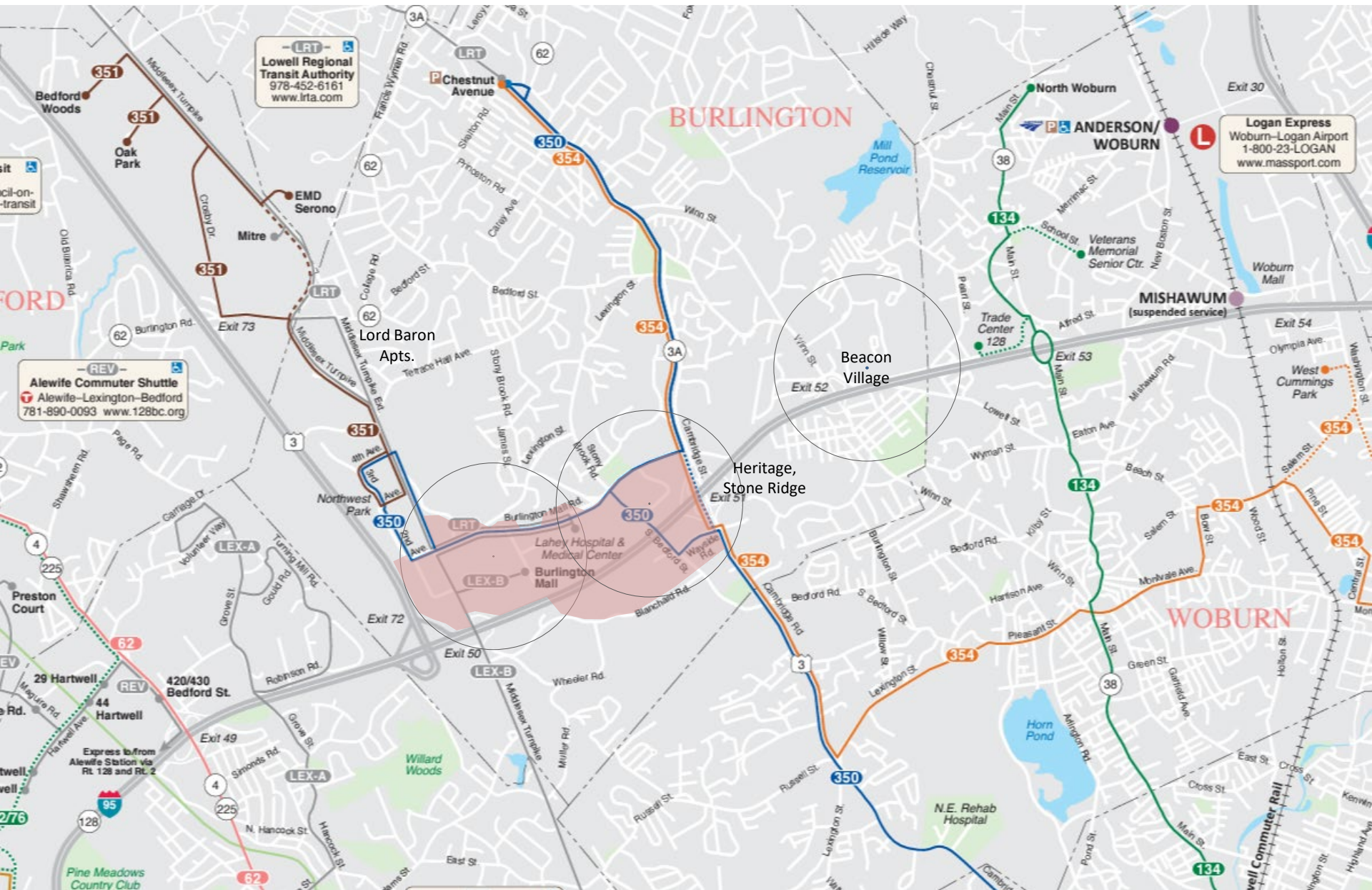
Expectations for pedestrian-oriented, walkable environments have grown.

CONNECTIVITY

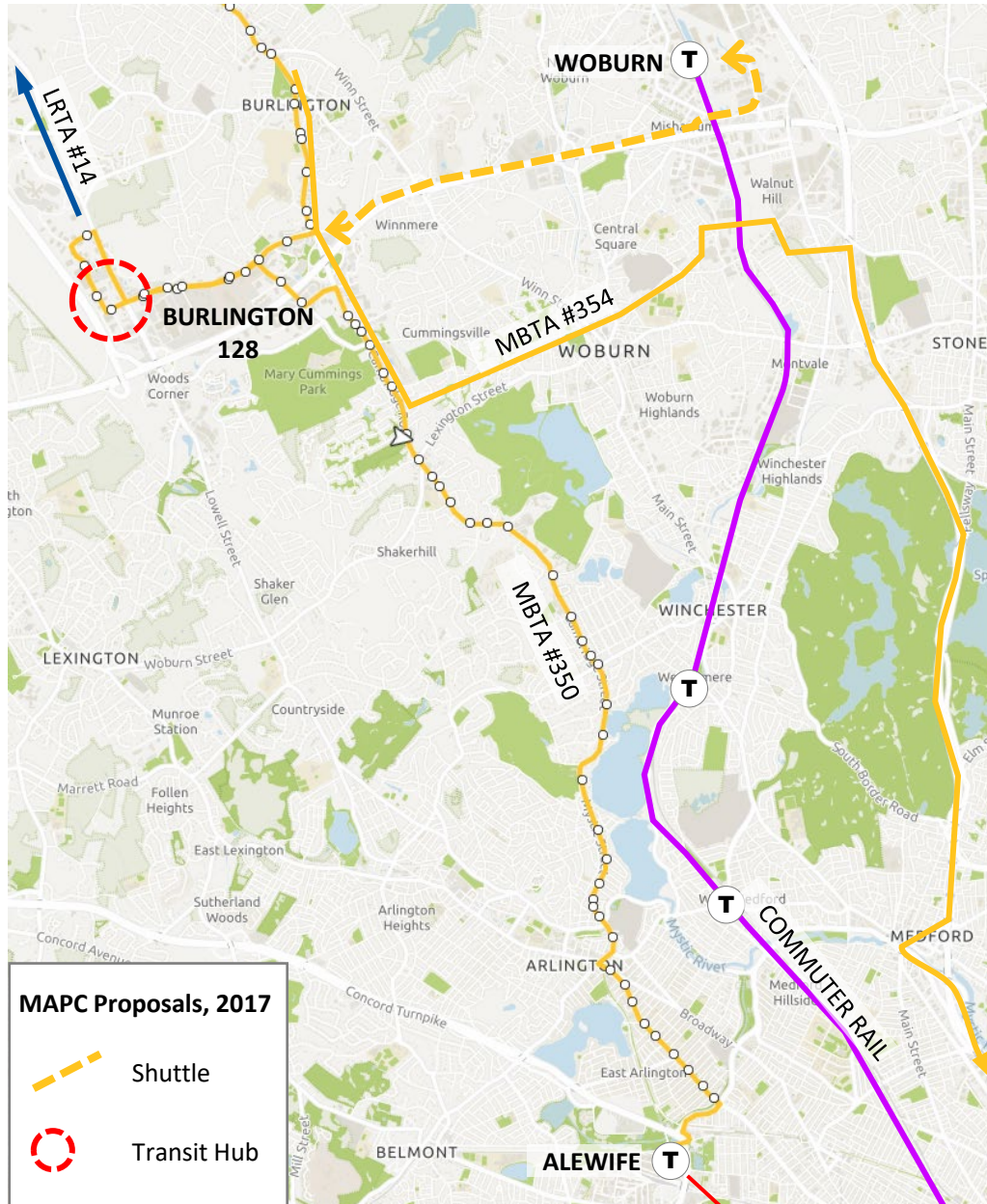


Even with sidewalks, Burlington Mall Road does not welcome pedestrians or bicyclists.

EXISTING BUS AND COMMUTER RAIL ROUTES



CONNECTIVITY



MAPC (2017). North Suburban Mobility Study. <https://www.mbta.com/schedules/>



Transit service to Burlington 128 District doesn't match the changing needs of the workforce.

Transit Challenges

- MBTA #350 bus stops 51 times in 51 minutes between Burlington and Alewife (Lowell bus similar)
- Express bus #354 is 29 minutes to Boston but doesn't run past 8 pm
- MAPC proposed shuttle links to the commuter rail, which has higher fares

PUBLIC INVESTMENT IN INFRASTRUCTURE



Charlotte Department of Transportation

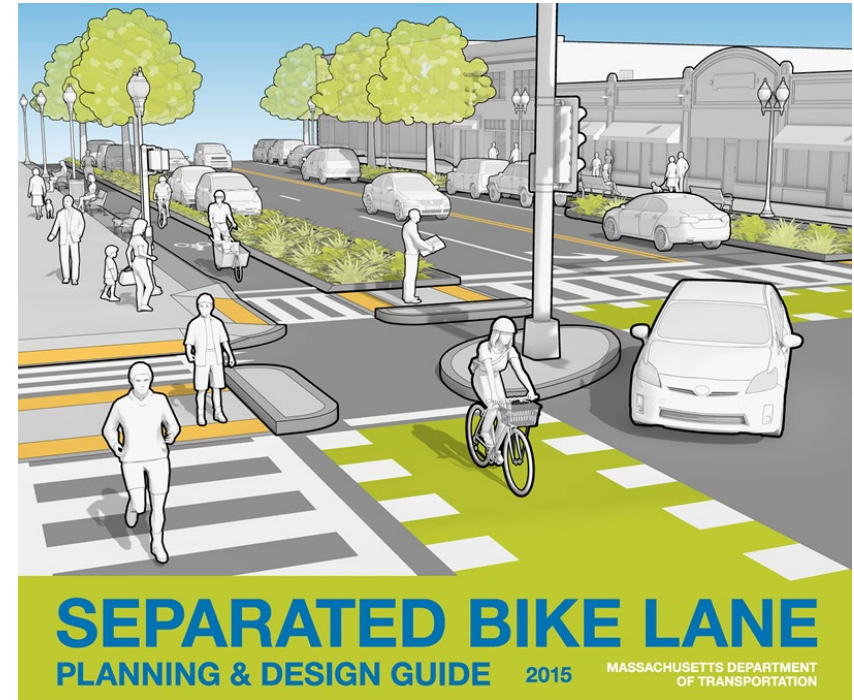
BURLINGTON CURRENT COMPLETE STREETS POLICY

Section 5. Network

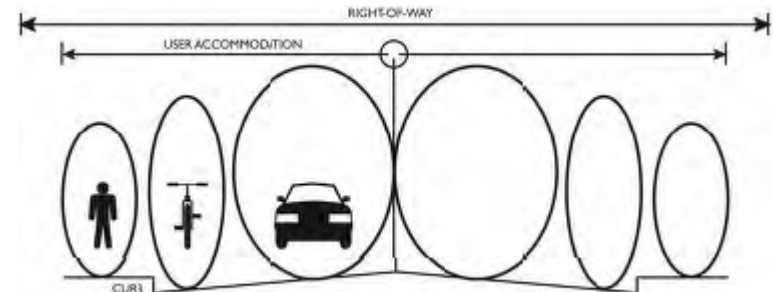
The Complete Streets policy focuses on developing a connected, integrated network that serves all users and provides accessible and efficient connections between home, school, work, civic, recreational, and retail destinations throughout the community.

Section 9. Performance Measures

- New/reconstructed sidewalks
- On-street bicycle facilities
- New/repainted crosswalks
- Transit vehicle efficiency on routes
- Crosswalk/intersection improvements



Case 1: Separate Accommodation For All Users



Source: MassHighway

State and Burlington local policies encourage shared use of streets

CURRENT MOBILITY CONDITIONS: AUDIT



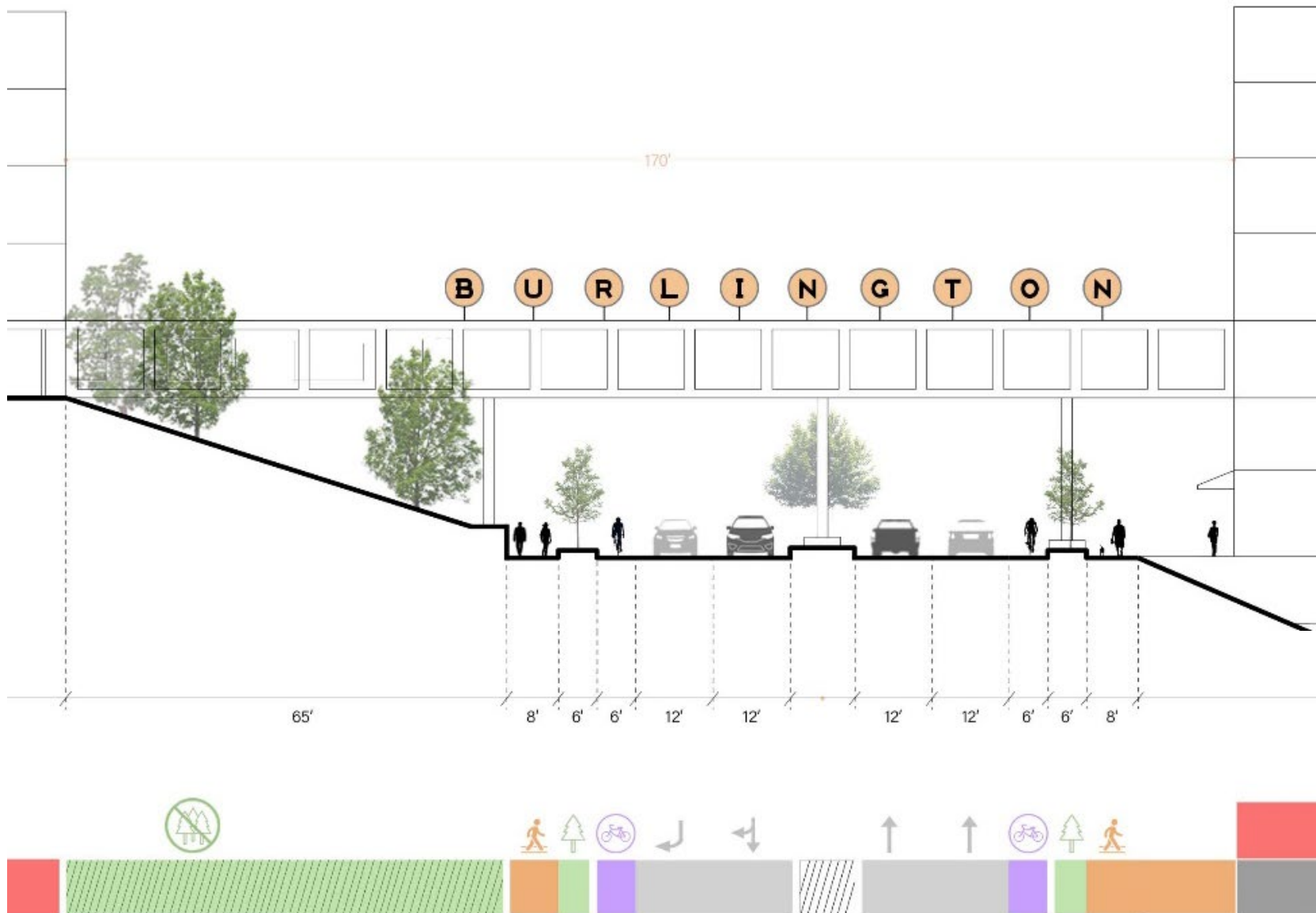
Some areas of the Burlington 128 area have pedestrian amenities although these are not connected to other paths or places.

CURRENT MOBILITY CONDITIONS: AUDIT



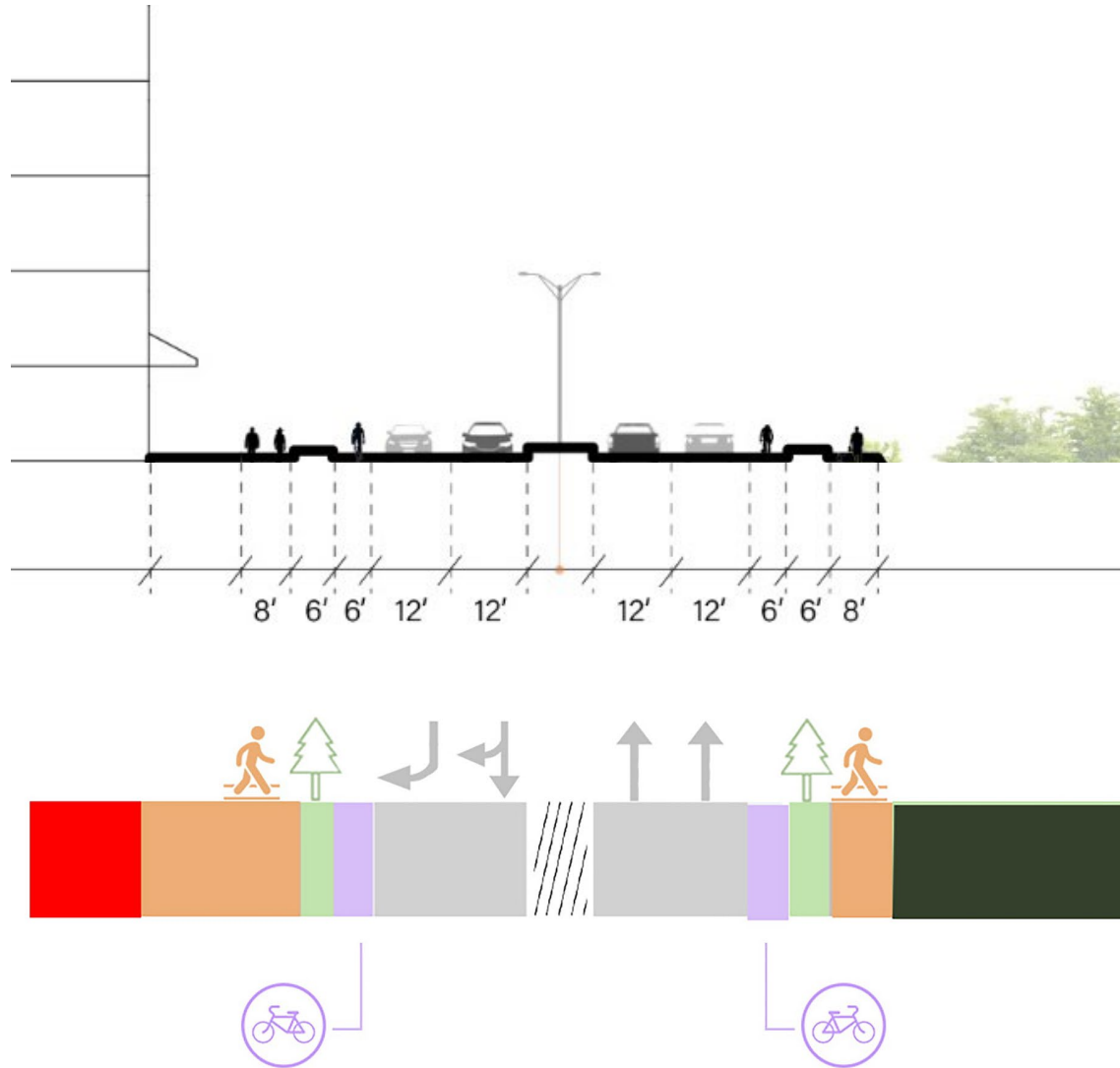
Other areas of the Burlington 128 area lack pedestrian amenities or bike infrastructure and discourage these activities.

COMPLETE STREET RECOMMENDATIONS



Middlesex Turnpike

COMPLETE STREET RECOMMENDATIONS



Burlington Mall Road