



THE WORKS
CAMBRIDGE
DEPARTMENT
OF PUBLIC



Glacken Field / Huron Avenue Connectivity

February 25, 2021



This is a two-part meeting:

- This presentation you are about to view provides background on the Glacken Field / Huron Avenue project and reviews the working design for the corridor.
- The second part of this meeting will be a live “Zoom” question and answer session, on February 25th at 6 PM. At that meeting, city staff and members of the design team will be available to answer any questions you may have about the project.

If you are unable to attend this session and have questions or comments on the information that follows, please reach out to Kara Falise, the Project Manager for the City at kfalise@cambridgema.gov or Kate Riley, Community Relations Manager at Kriley@Cambridgema.gov

Project Origin

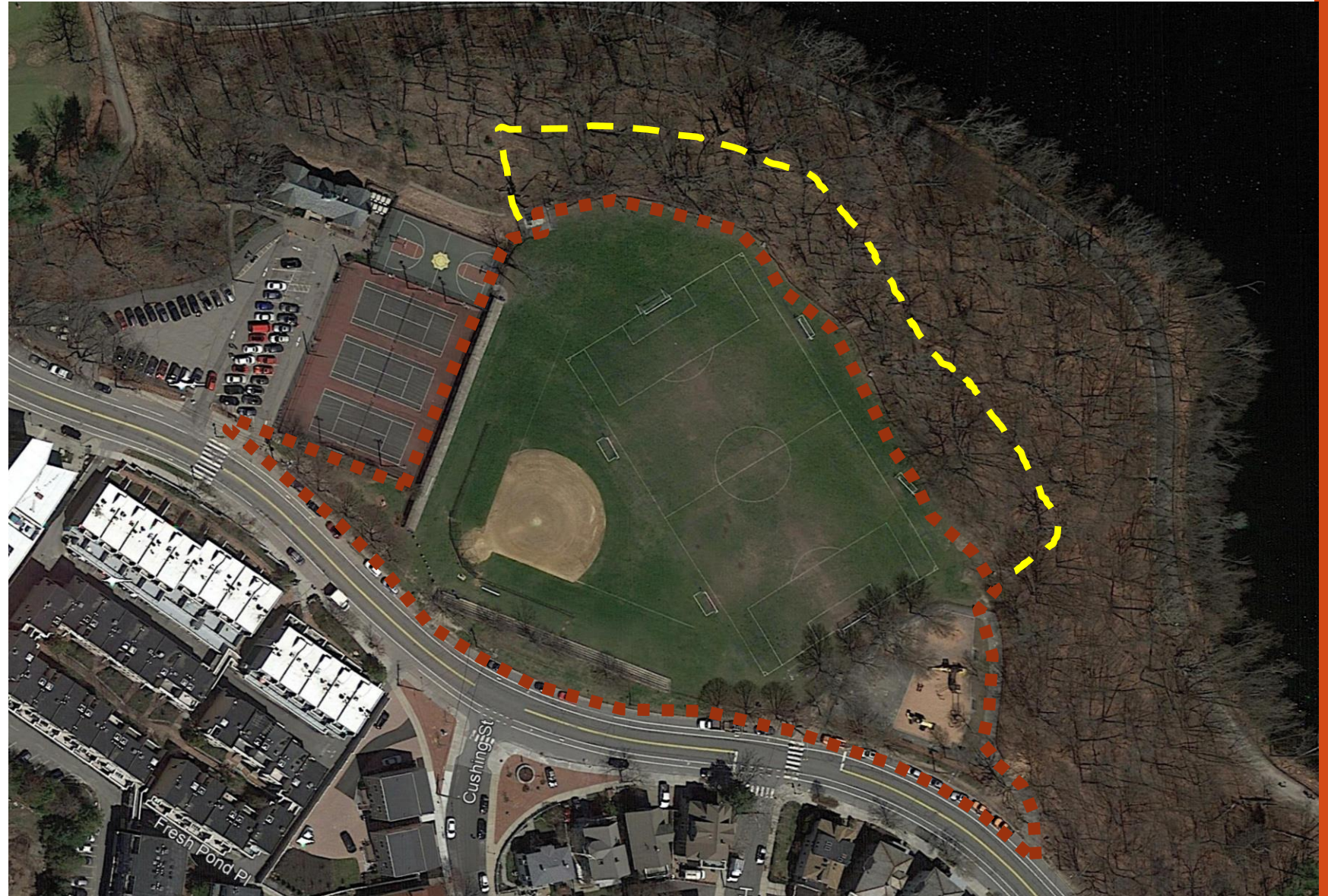


**GLACKEN FIELD
RENOVATION**

Playing Fields

Tot-lot

Slope Restoration





NATURALIZED PLANTING



SPECTATOR SEATING



BALL NETTING



LOG SCRAMBLES



LOG PAVERS



POROUS PAVING



STONE SCRAMBLE



PORTABLE TOILET ENCLOSURE



BULL PEN

TOT LOT REFER TO PLAN ENLARGEMENT



PLAYER SEATING

Glacken Field- Site Plan

February 13, 2020

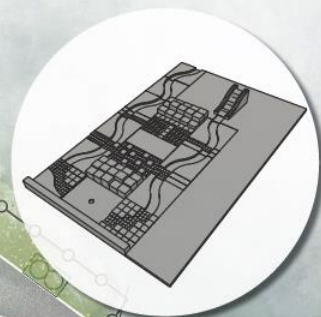




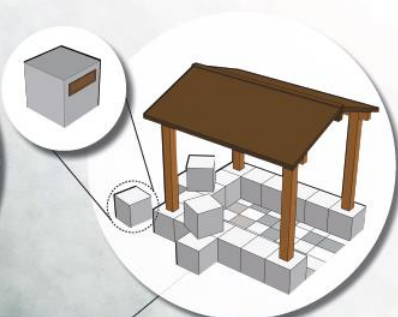
WAVE CURB



SPRAY PAD



RUNNEL



SHADE STRUCTURE



5-12 PLAY STRUCTURE



POROUS PAVING



PLAY SURFACING



SWINGS

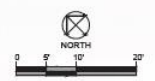


2-5 PLAY STRUCTURE



Glacken Field- *Playground Plan*

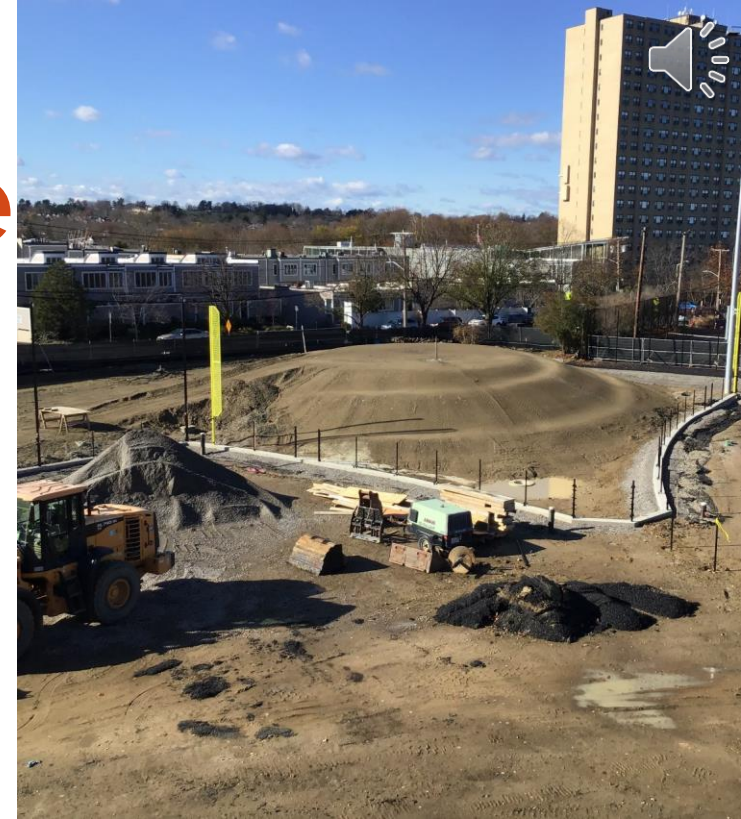
February 13, 2020



Glacken Field Project Update

- Construction on-going
- Fields Anticipated Playable by Late Spring 2021
- Project complete fall 2021
- All schedules depend on weather conditions and potential Pandemic delays and restrictions.

For more information on the Glacken Field Project please visit:
www.cambridgema.gov/GlackenField



Design Goal

Safe connections for people walking, biking and taking the bus along Huron Ave to access neighborhood, Fresh Pond Reservation and Glacken



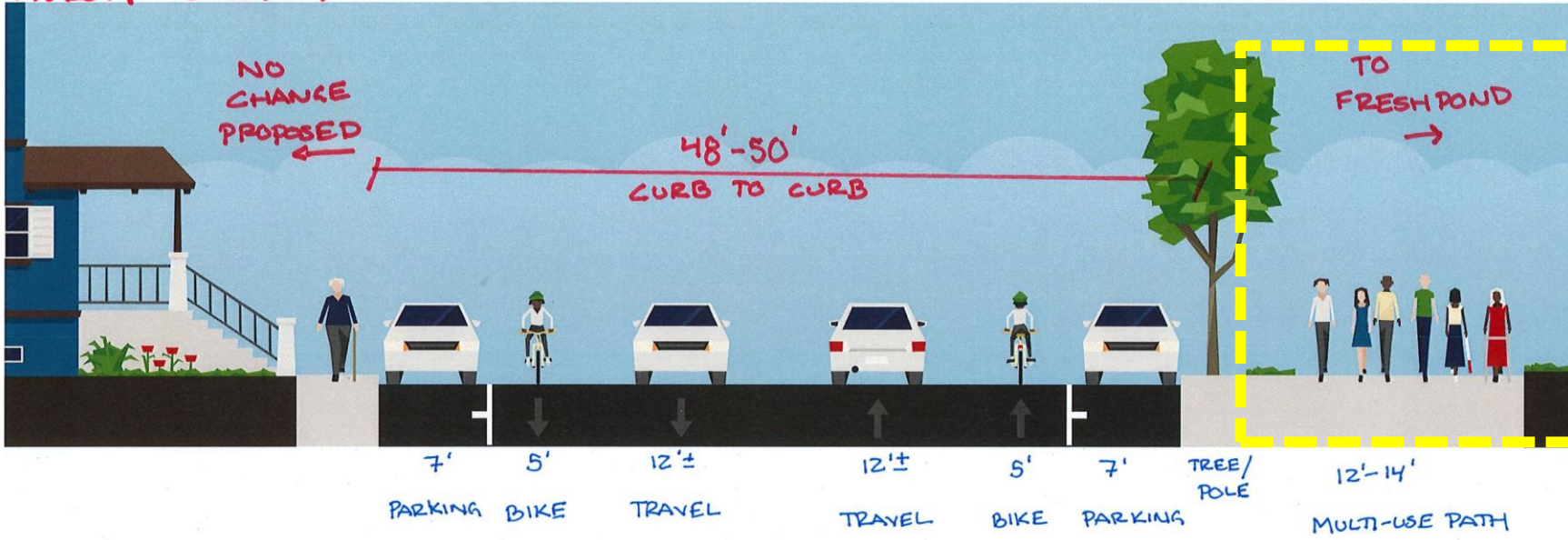
Existing Conditions



Design Progression



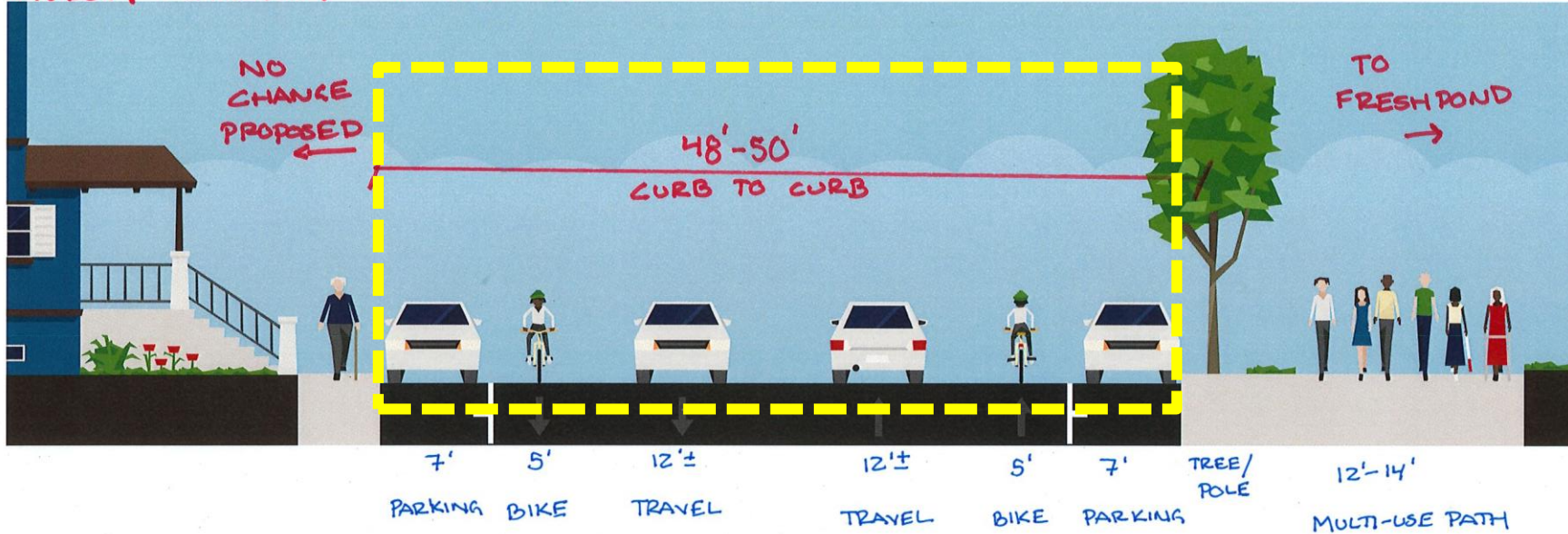
HURON CONCEPT → FEB 2020



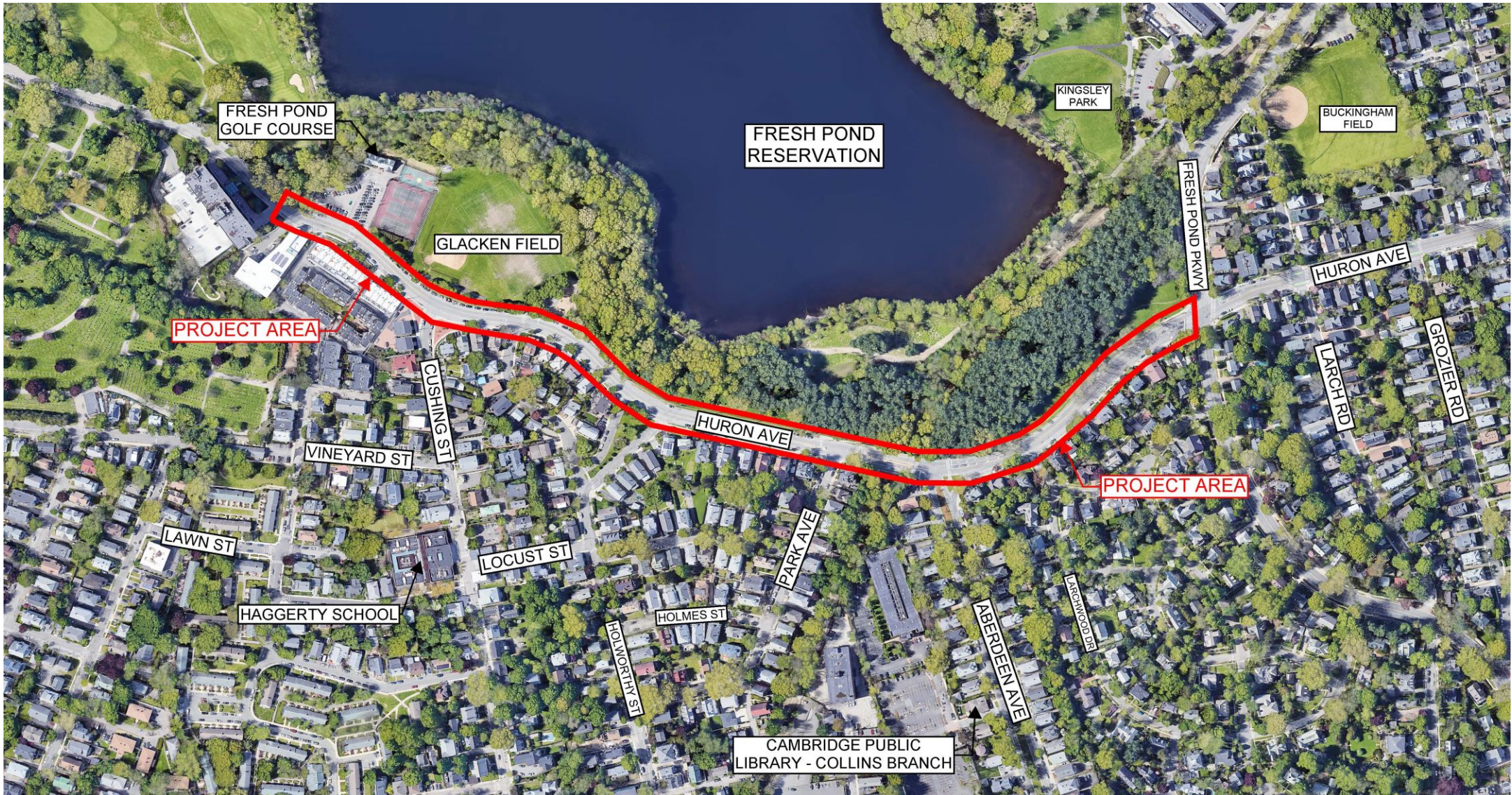
Design Progression



HURON CONCEPT → FEB 2020



Project Limit



DESIGN PRINCIPALS | SCOPE OF WORK



Our approach emphasizes **streets designed and operated for everyone**. The following elements allow pedestrians, bicyclists, motorists, and transit users of all ages and abilities to safely move along and across **Complete Streets**.



Accessibility: Ensure pedestrian ramps and sidewalks are accessible for all, and implement universal design



Vision Zero: Eliminate fatalities and serious injuries resulting from traffic crashes



Transit: Provide accessibility of bus stops and prioritization of transit, as feasible



Bicycle network: Support people of all ages and abilities to bike safely throughout the City



Street trees & green infrastructure: Reduce urban heat island and improve water quality



Infrastructure: Maintain and improve City infrastructure; coordinate with private utilities to facilitate upgrades



DESIGN PRINCIPALS | GUIDING PLANS AND POLICIES

In addition to Complete Streets and Vision Zero



Vehicle Trip Reduction Ordinance established programs to encourage alternatives to single-occupancy vehicle travel (1992).

Cambridge Growth Policy emphasizes sustainable modes of transportation such as walking, biking and using transit and low-emission vehicles, which promote livability and help to improve air quality and reduce greenhouse gas emissions (1993/2007).

DESIGN PRINCIPALS | BICYCLE ORDINANCE

On April 8, 2019, the Cambridge City Council passed a **Cycling Safety Ordinance** (12.22.) to support the City's commitment to Vision Zero and the construction of a connected network of permanent separated bicycle lanes across the City.

Under the Ordinance, whenever improvements are made under the City's Five Year Sidewalk and Street Reconstruction Plan, **the improvements shall be consistent with the Cambridge Bicycle Plan**. If improvements are made to a segment of the separated bicycle network, a permanent separated bicycle lane shall be installed along that segment.

Improvements do not include routine maintenance, repairs, restriping of the road surface, or emergency repairs to the surface of the roadway.

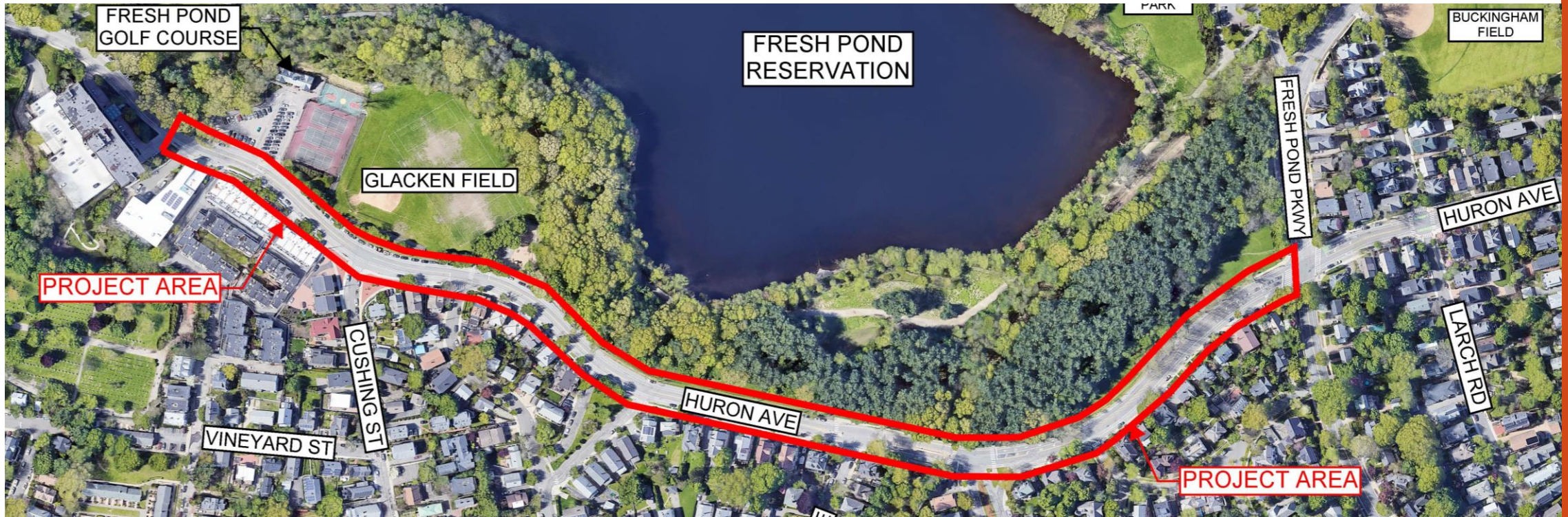


DESIGN PRINCIPALS CITY COORDINATION



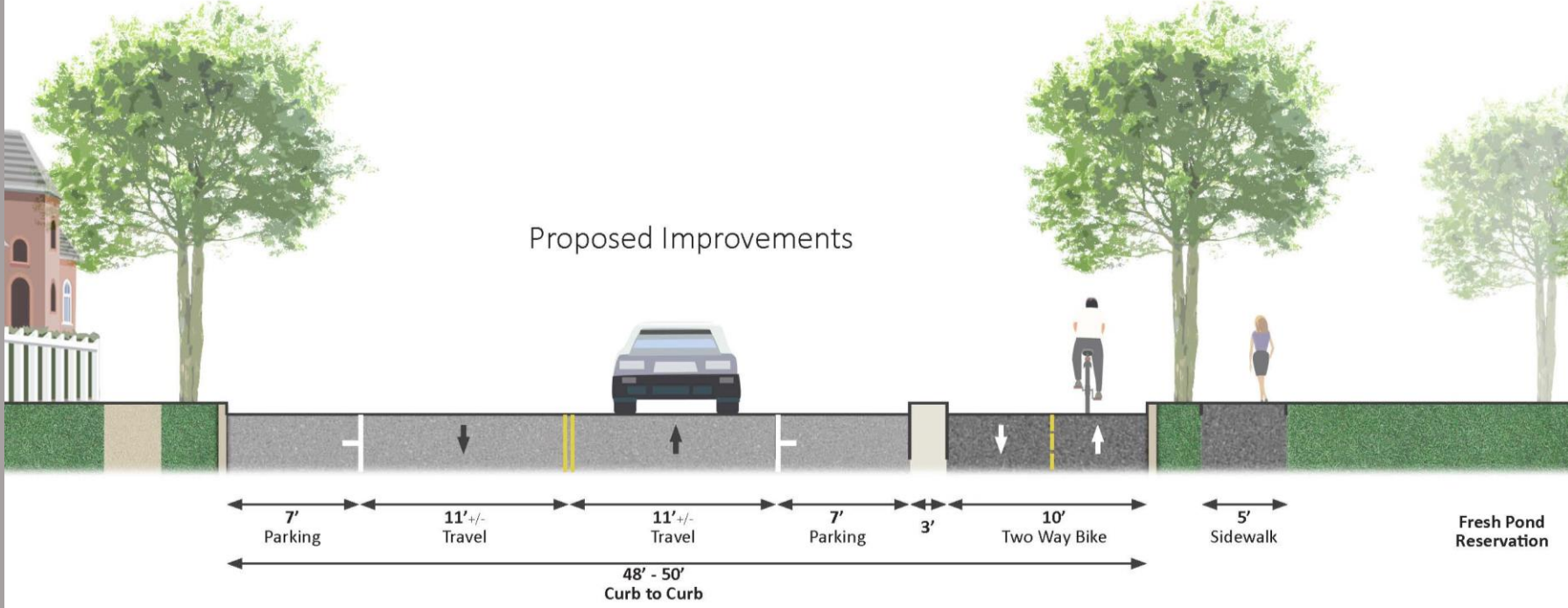
- Multiple meetings with **Fresh Pond Advisory Board** and **Water Board**
- Coordination with Cities **Pedestrian, Transit** and **Bike Committees**
- Inter-departmental coordination related to impacts to **Municipal Facilities** (Schools, Golf Course, Youth Center, etc)
- Future discussions will all entities planned as design progresses

Project Limit



Design Goal

Safe connections for people walking, biking and taking the bus along Huron Ave to access neighborhood, Fresh Pond Reservation and Glacken



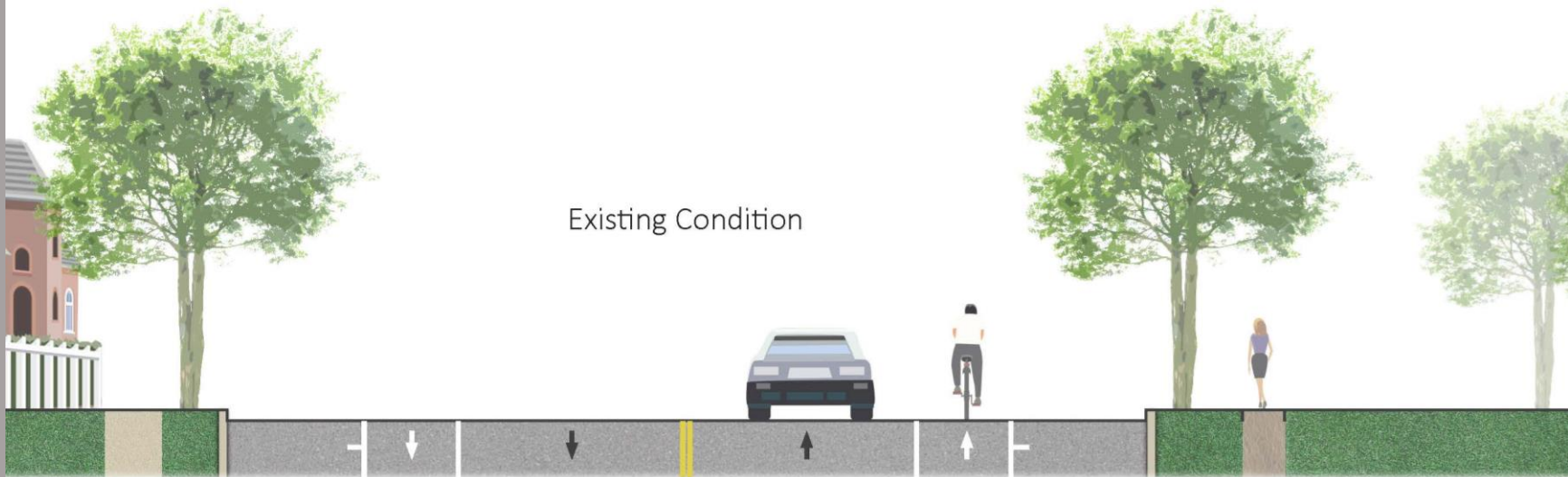
Proposed Connectivity Solution

Accessible porous asphalt sidewalk

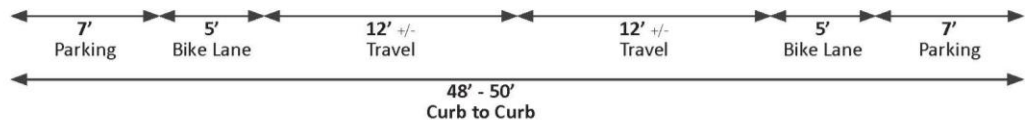
and

2-way separated bike lane, street level
with 2' to 3' wide raised island



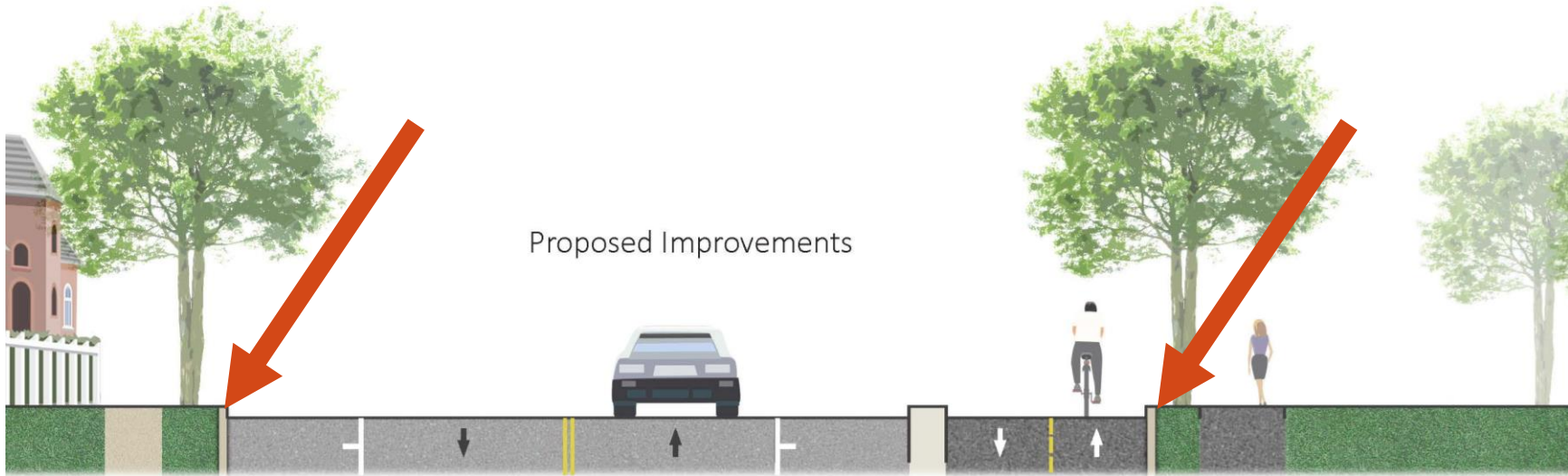


Existing Condition



Narrow Dirt Path

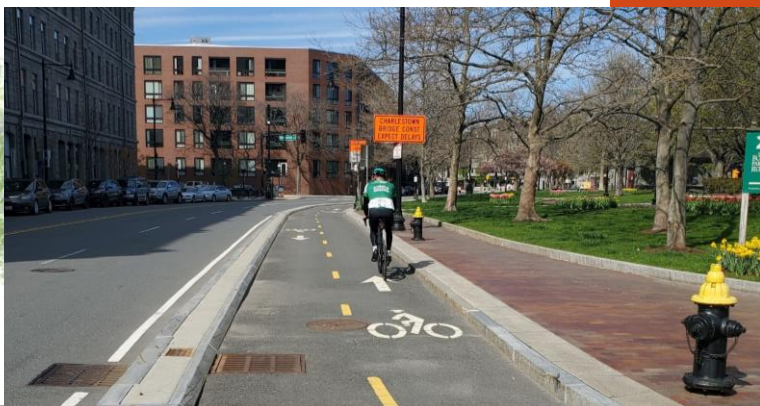
Fresh Pond Reservation

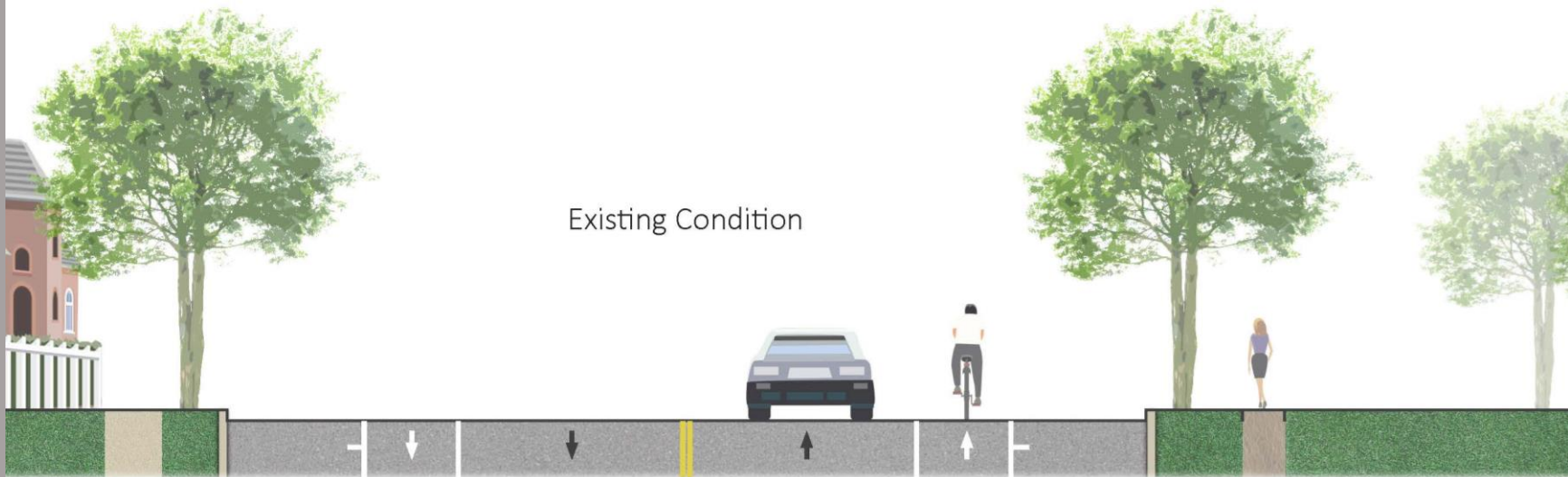


Proposed Improvements

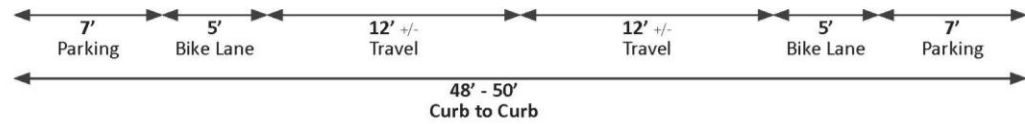


Fresh Pond Reservation



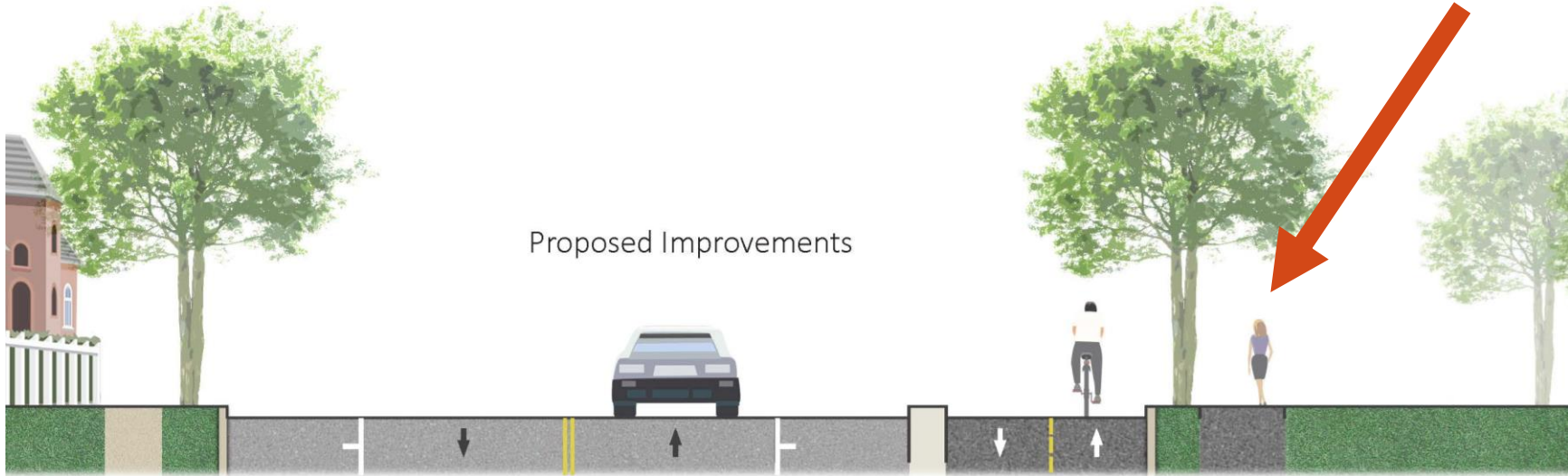


Existing Condition

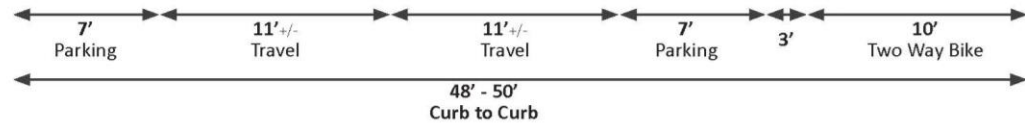


Narrow Dirt Path

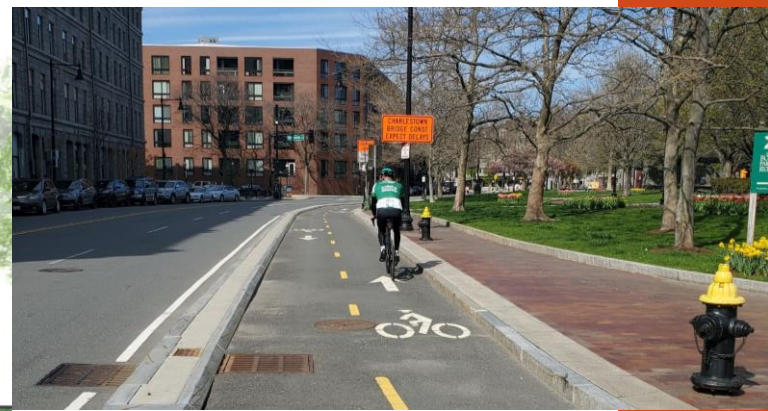
Fresh Pond Reservation

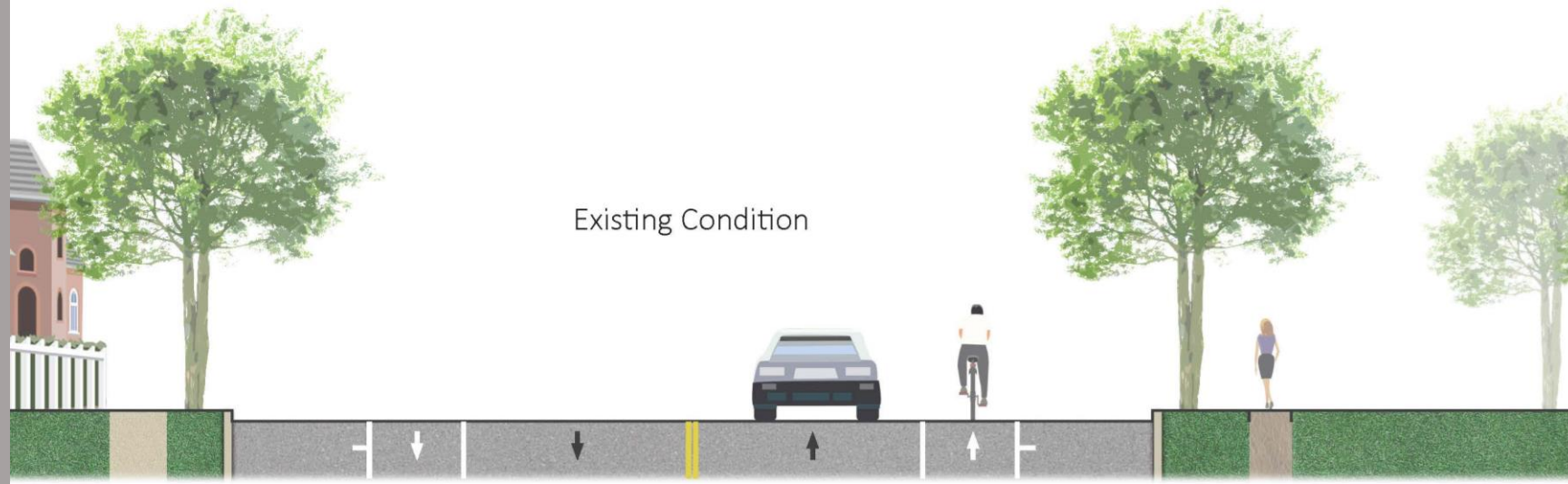


Proposed Improvements

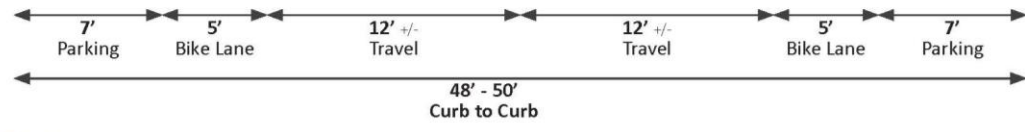


Fresh Pond Reservation



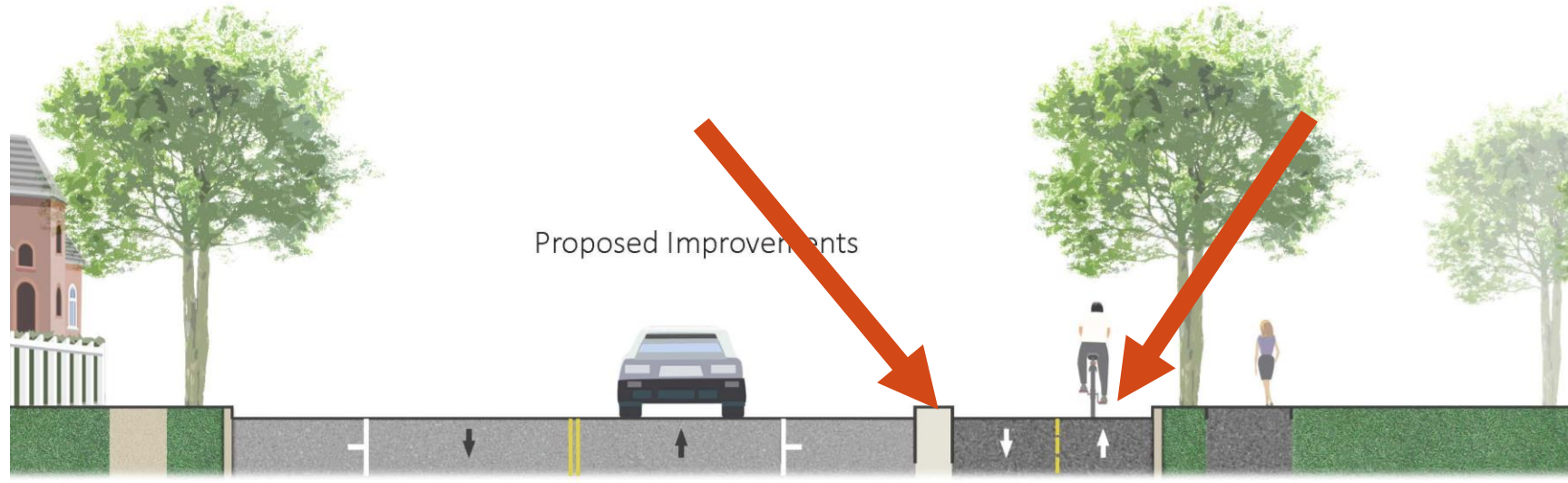


Existing Condition

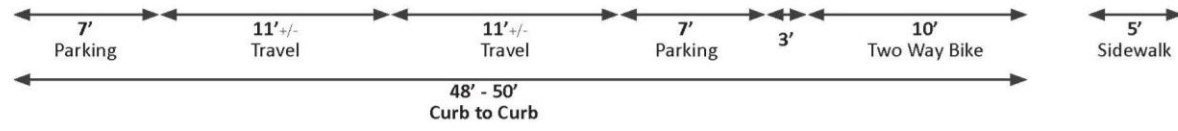


Narrow Dirt Path

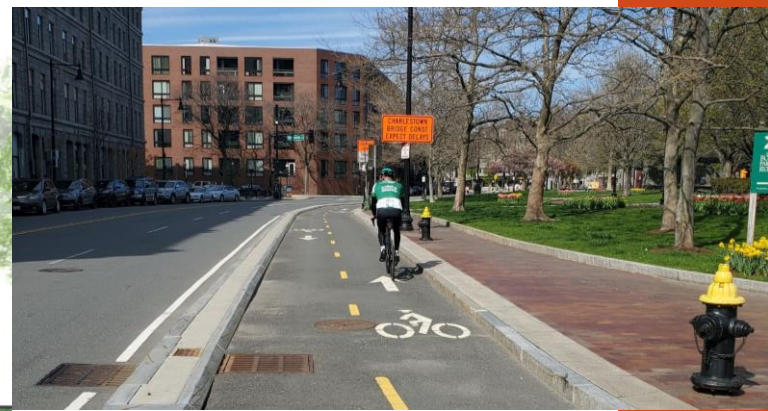
Fresh Pond Reservation

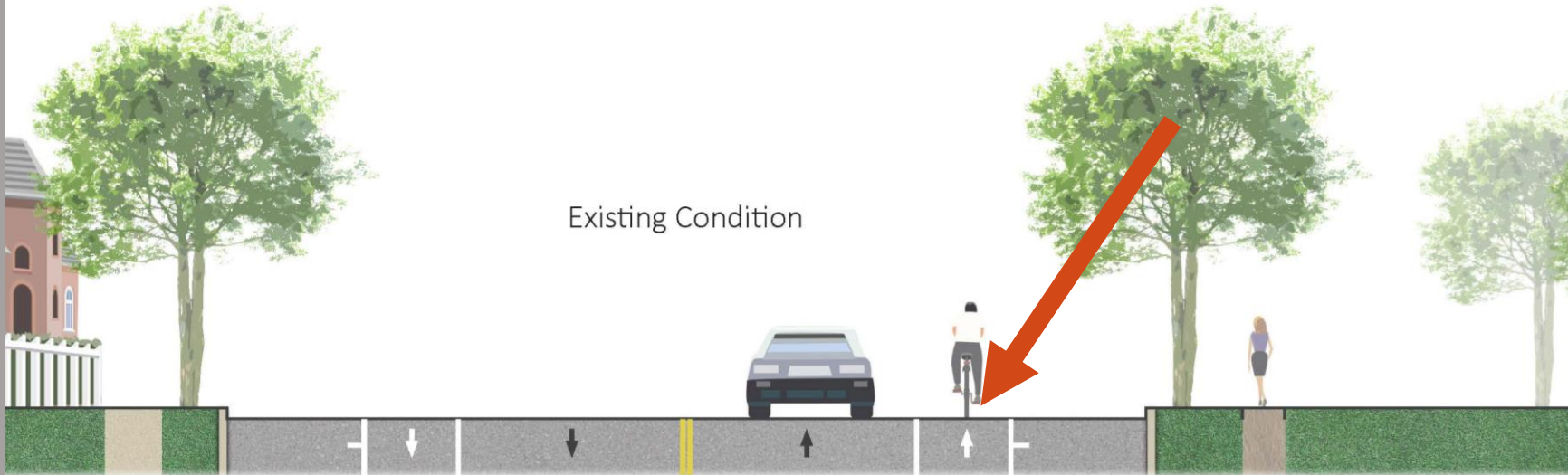


Proposed Improvements

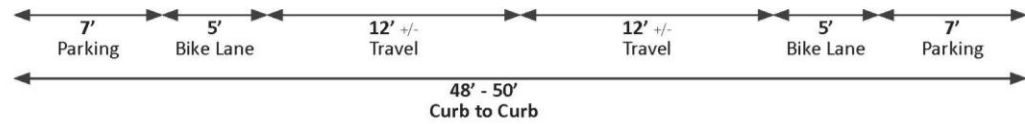


Fresh Pond Reservation



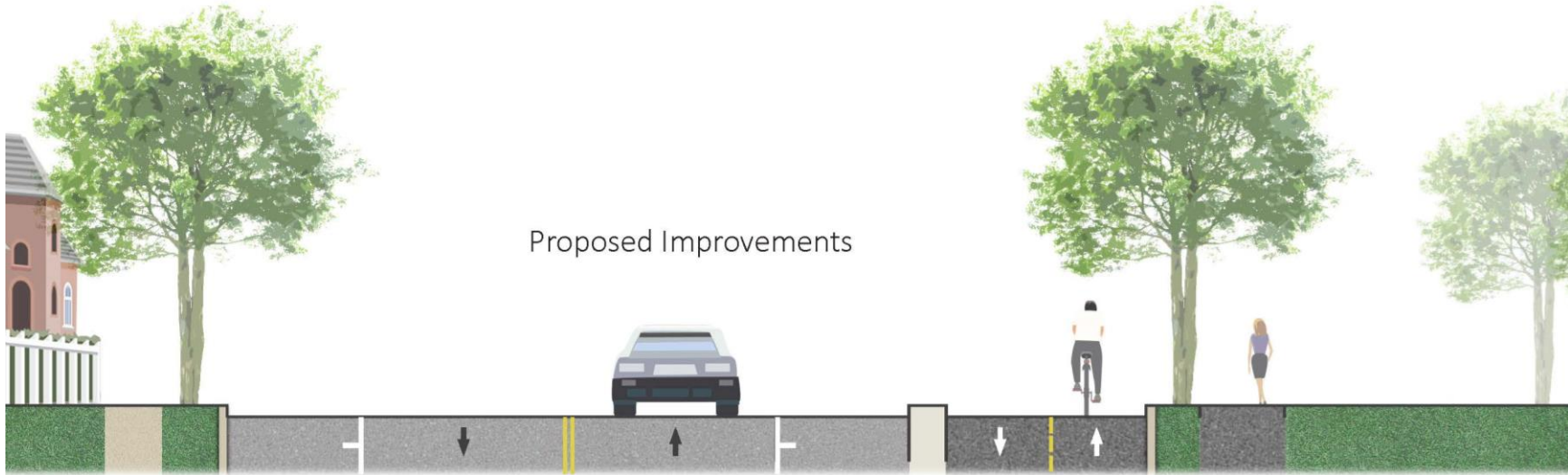


Existing Condition

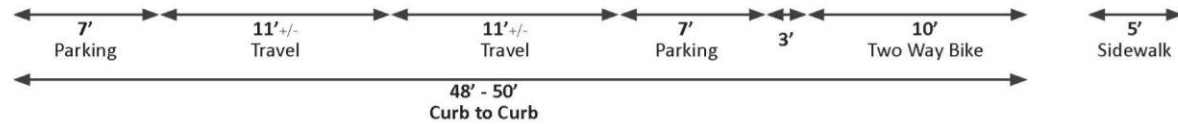


Narrow Dirt Path

Fresh Pond Reservation



Proposed Improvements



Fresh Pond Reservation





Existing Condition



Proposed Condition
looking west from Fresh Pond Parkway



Existing Condition



Proposed Condition
looking west toward Fountain Terrace Intersection

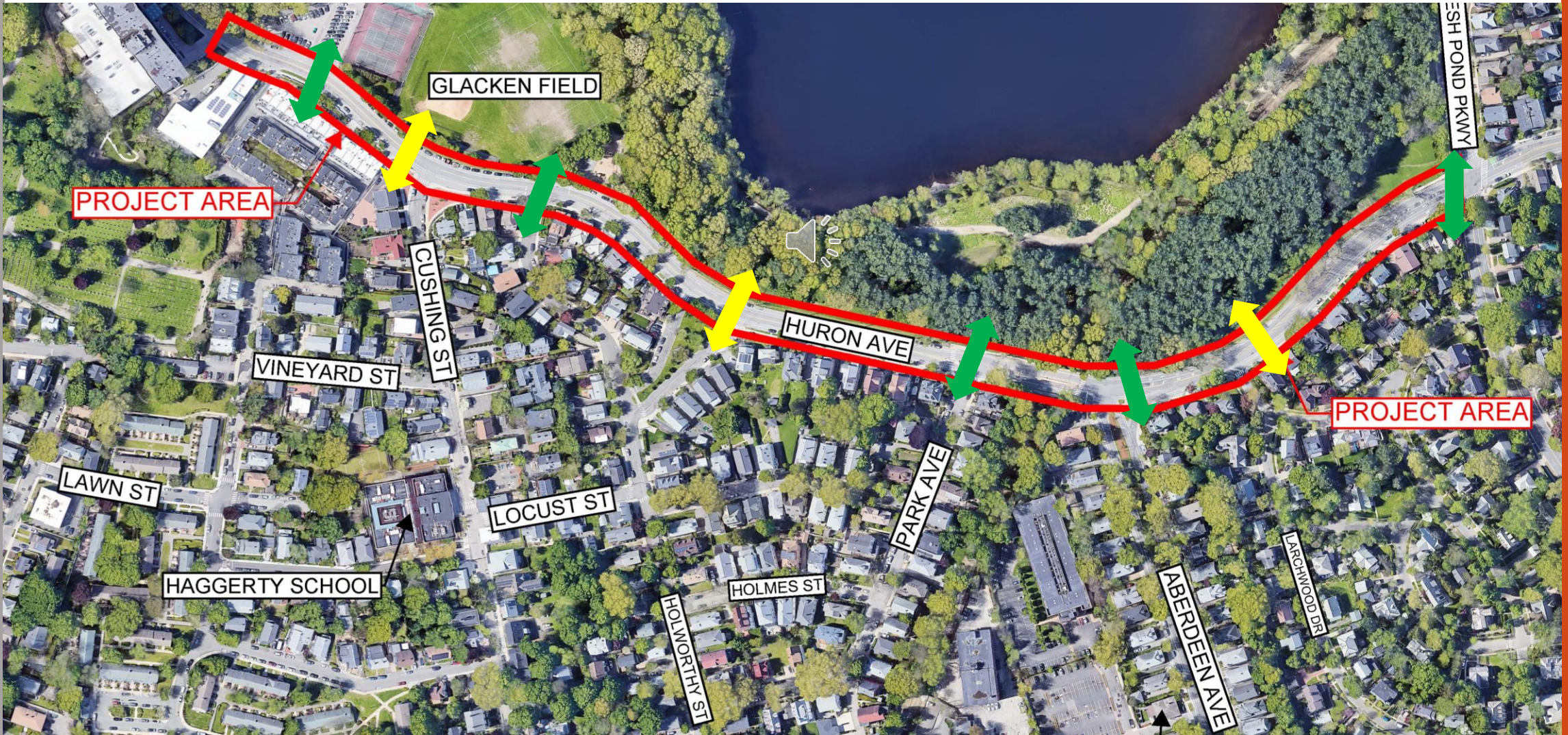
Project Benefits: Crossings

Existing crossing



Project Benefits: Crossings

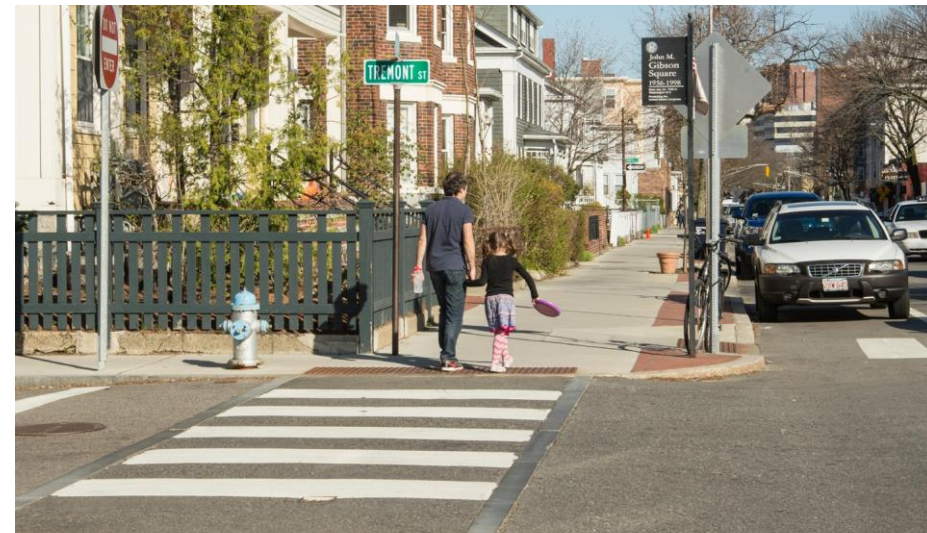
Existing crossing  Proposed crossing 





Project Benefits: Crossings

- 3 new crossings of Huron Ave proposed
- Safety improvements to existing crossings
- Reviewing Residential side street crossings for implementation of standard raised crosswalk detail



Project Benefits: Transit



Project Benefits: Transit



- Worked with MBTA on Busstop locations to improve efficiency
- Bring Busstops into ADA Compliance
- Consider simple amenities to provide comfort to riders





Project Benefits: Parking Impacts

- Parking along Corridor includes areas of Residential Permit Parking along with areas of Unrestricted.
- Parking along residential side of project corridor will not be changed.
- Some parking loss along reservation side of the Corridor is required to support Improvements

85% of All Parking will be MAINTAINED

Project Benefits: Parking Impacts



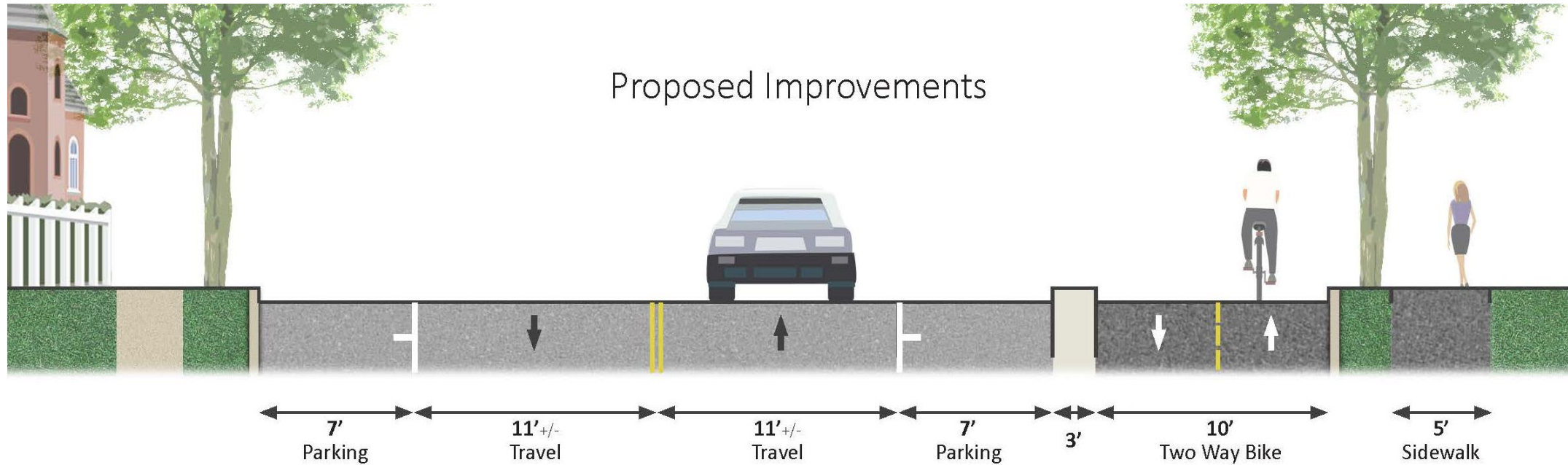
Project Benefits: Trees and Green Space

- Minimizes Impacts to Freshpond reservation
- Establishes most improvements within existing impervious roadway width
- No existing trees impacted
- Opportunities for trees and planting area have been identified within buffer in areas of adequate width





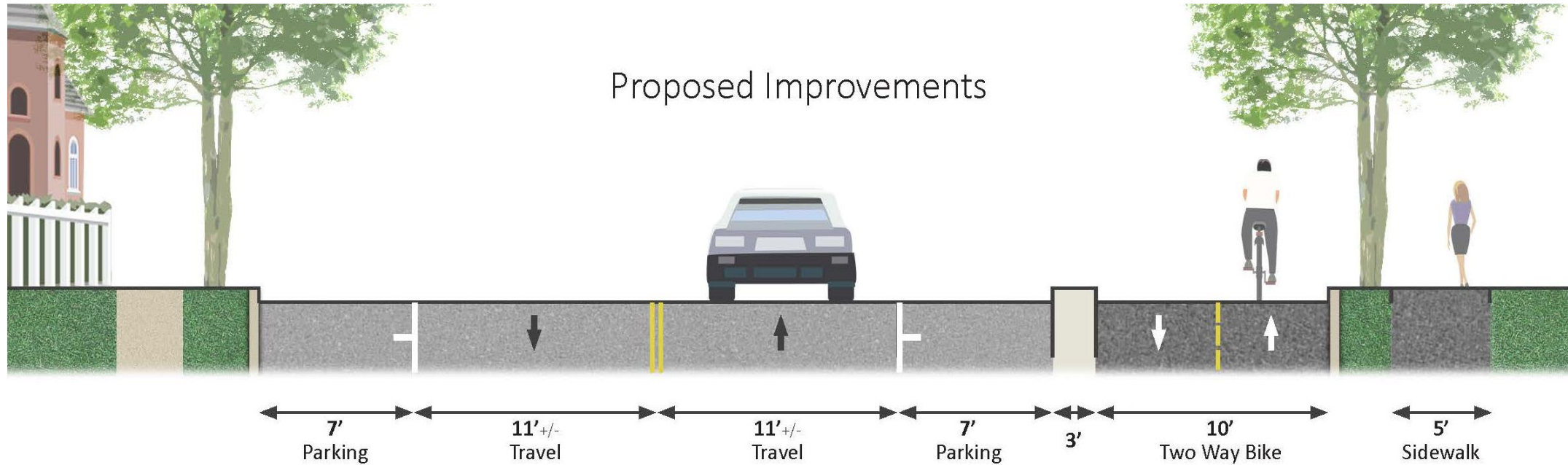
Project Benefits: Constructability



- Majority of work focused the Reservation side of Huron Ave.
- Existing drainage infrastructure can be maintained with some modifications
- Reduces cost, duration of construction and impact on adjacent abutters.



Next Steps:



- Progress design based on feedback
- Pedestrian sidewalk to be constructed as part of Glacken Field Project this year.
- Roadway work to follow under separate contract

For More Information:

- Review a PDF of the working Design Plans and this presentation at:

www.cambridgema.gov/GlackenField

- Join us for a

Virtual Community Meeting

February 25th at

6pm

<https://cambridgema.zoom.us/j/88361306523>

Dial in: US: +1 301 715 8592

Meeting ID: 883 6130 6523

