

Mount Auburn St at Sparks St Traffic Signal

**Community Information Meeting
July 11, 2022 | 6:00 PM**

Mount Auburn St at Sparks St

Traffic Signal

Informational Meeting

July 11, 2022 | City of Cambridge

Department Website:

cambridgema.gov/traffic

Cameras + Microphones

- Your camera is off
- We will enable your microphone only when you are speaking

Provide Feedback after the Presentation

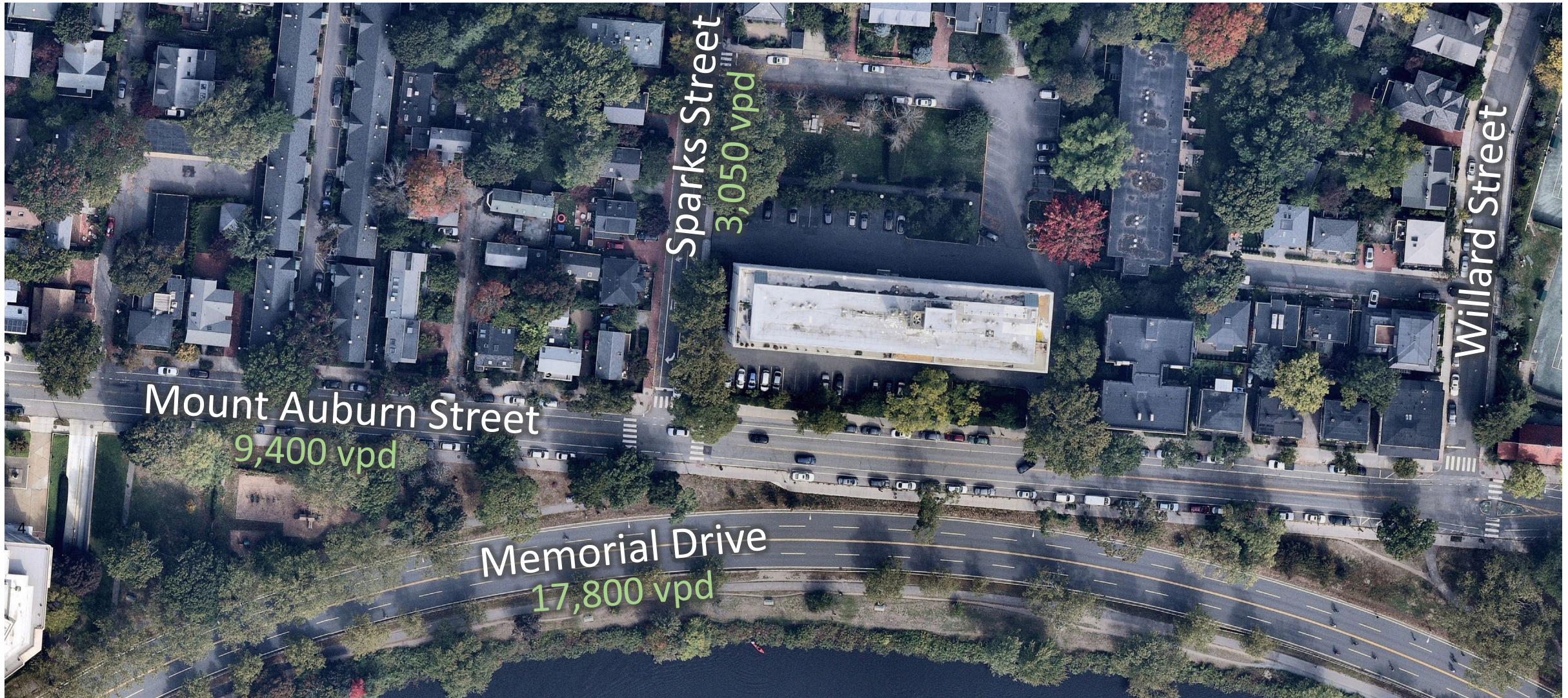
- You will find information on how to give feedback at the end of the presentation

Site History

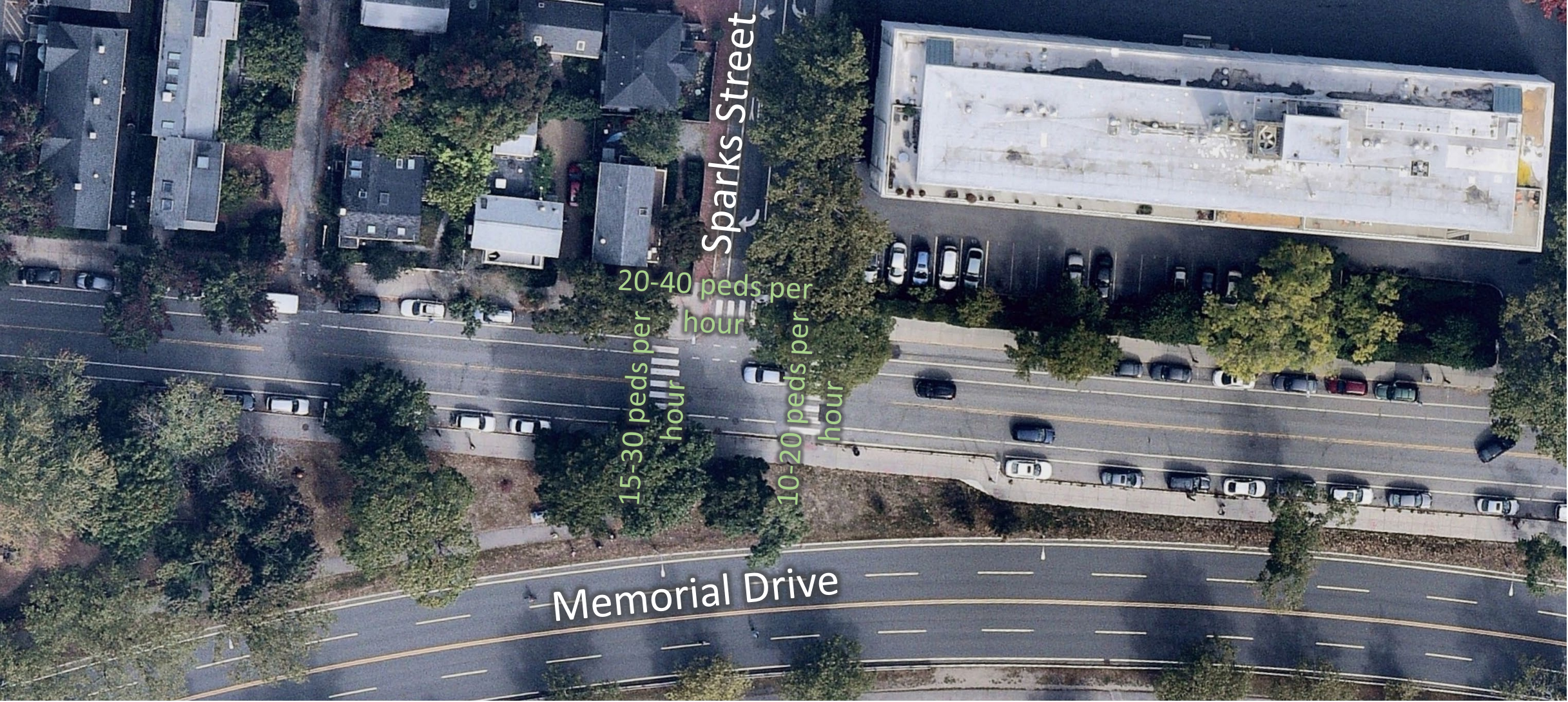
- Multiple reports of safety concerns
- Operational Deficiencies
 - Yielding issues for pedestrians crossing Mount Auburn Street
 - Crashes between vehicles turning left from Sparks Street and pedestrians crossing Mount Auburn Street
 - High delay for vehicles on Sparks Street during peak periods
- Crash History
 - Multiple crashes reported involving pedestrians crossing Mount Auburn Street.



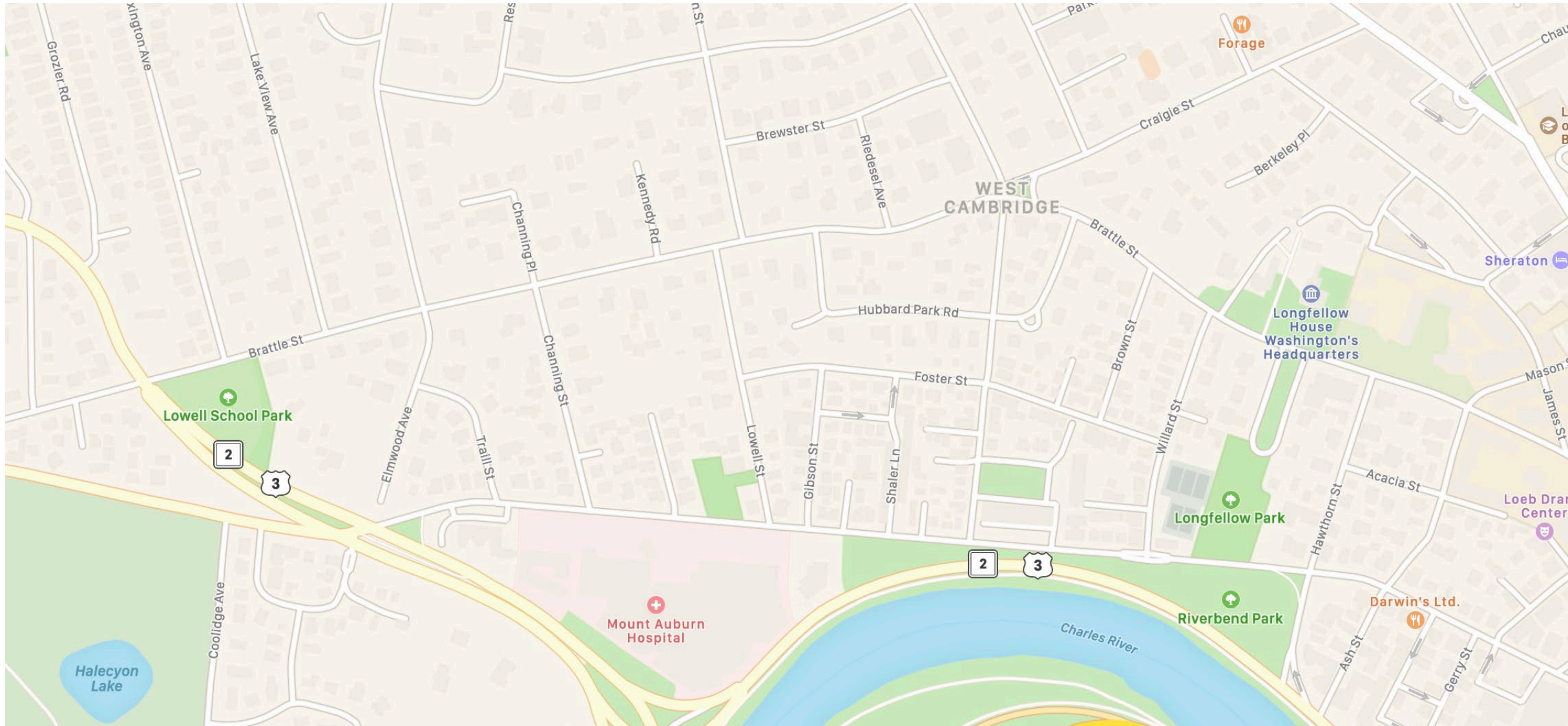
Existing Conditions Traffic Volumes



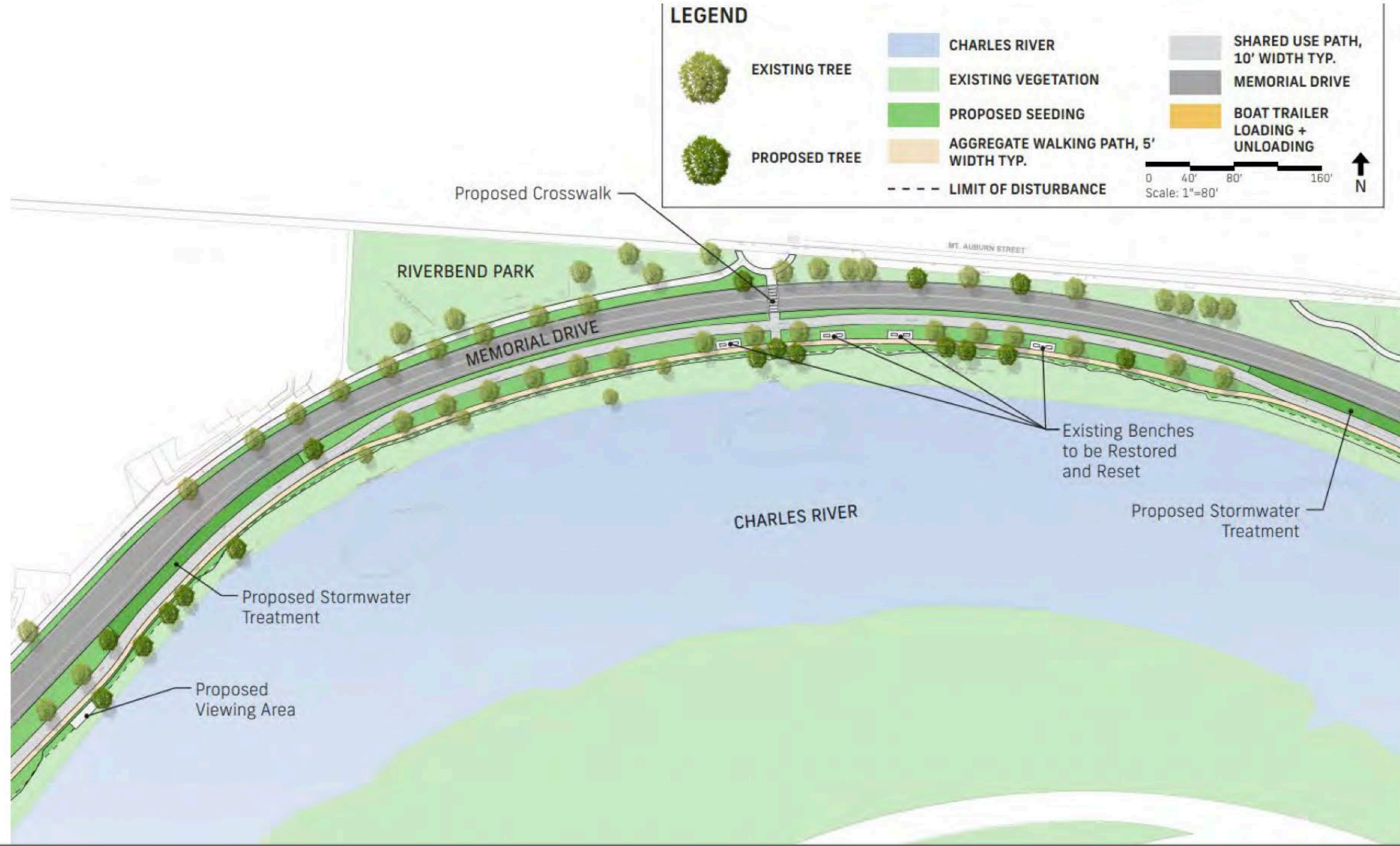
Existing Conditions Pedestrian Volumes



Surrounding Roadway Network

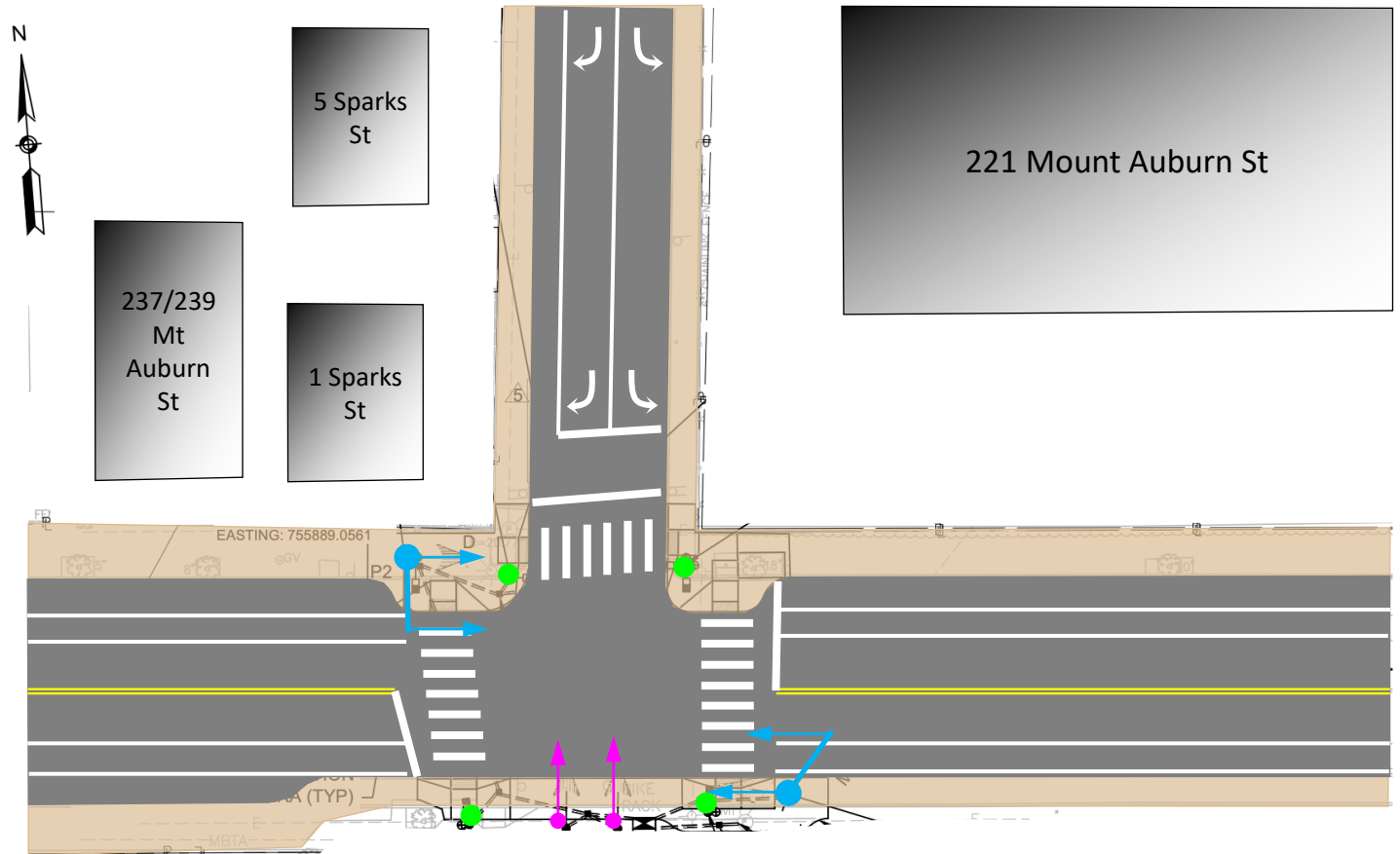


Memorial Drive Phase III Revised 25% Design



Signal Layout

- New curb extension to reduce the width of Mount Auburn Street at the intersection.
- 2 mast arms to provide overhead signals for Mount Auburn Street drivers
- Vehicle signals for Sparks Street mounted on posts on south side of the street
- Pedestrian signals and accessible push buttons at all six pedestrian ramps



Legend

- 8' Signal Post with Pedestrian Signal
- 8' Signal Post with Vehicle Signal
- Mast Arm with Overhead Vehicle Signal

Signal Operations

- Signal Phasing
 - Exclusive pedestrian phase for crossing Mount Auburn Street
 - Two vehicle phases
- Vehicle delay
 - Existing peak period delay between 75 and 85 seconds per vehicle on Sparks Street
 - Signal will reduce delay on Sparks Street to between 35 and 45 seconds during the peak periods
 - Signal will result in 20 to 30 seconds of additional delay for through traffic on Mount Auburn Street

What's Next

- Construction Timeline
 - Traffic signal and sidewalk work will be constructed as part of the Willard Street Drainage Improvement Project
 - Construction work commencing this summer/fall with underground utility work
 - Exact timeline for signal construction not yet set, likely starting in 2023

Feedback

- We will take comment in the order hands are raised
 - If calling in, dial *9 to raise your hand / *6 to unmute
- Additional questions may be asked using the Q& Feature
- In order to allow everyone to speak, please try to limit your time to 1 minute
- Approximately every 10 minutes we will provide answers to questions
- This meeting is scheduled to end at 7:00 PM
- You may also contact the project manager directly to provide written or verbal feedback

Contact Information

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