



# Edgell Road at Central Street Intersection Improvements Project

*Community Meeting  
Thursday, May 27, 2021*



# Introductions

- City of Framingham Department of Public Works
  - Blake Lukis, Public Works Director
  - William Sedewitz, PE, Chief Engineer
  - Eric Johnson, PE, City Engineer
  - Simon Alexandrovich, PE, Director of Transportation
  - Adam Kiel, PE, Senior Traffic and Transportation Engineer
  - Allyssa Jewell, Communications Project Manager
- VHB, Inc. (*City's Consultant*)
  - Josh Cone-Roddy, PE, Senior Project Engineer
  - Erin Thompson, PE, Supervising Traffic Engineer
  - Tracie Lenhardt, PE, Senior Project Manager

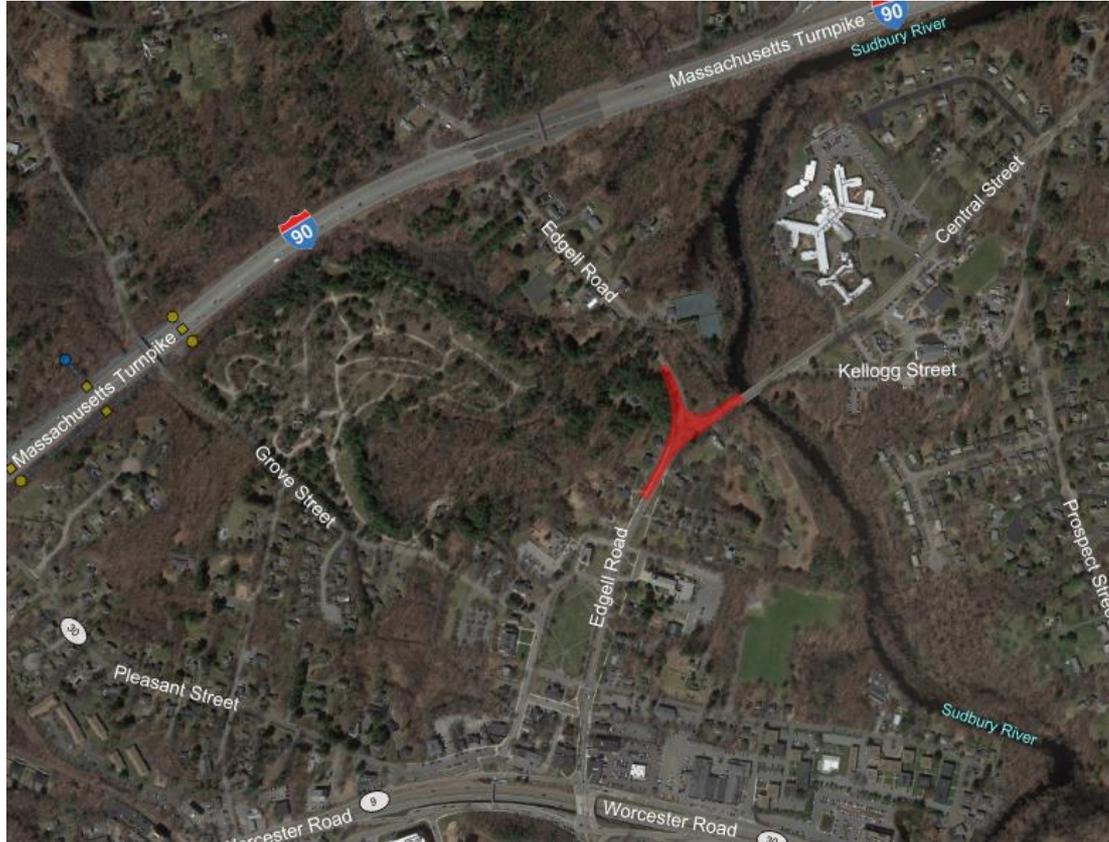


# Agenda

- Project Overview
- Existing Conditions
- Why Reconstruct the Intersection?
- Alternatives Considered
- Proposed Project Features
- Anticipated Traffic and Pedestrian Impacts
- Next Steps/Schedule
- Questions and Comments



# Project Overview – Location and Limits



# Existing Conditions

- Difficult Left-Turns
- Long Vehicle Queues
- Non-ADA Compliant Intersection
- No Crosswalks
- Poor Sight Distance
- Increased Crash Occurrences



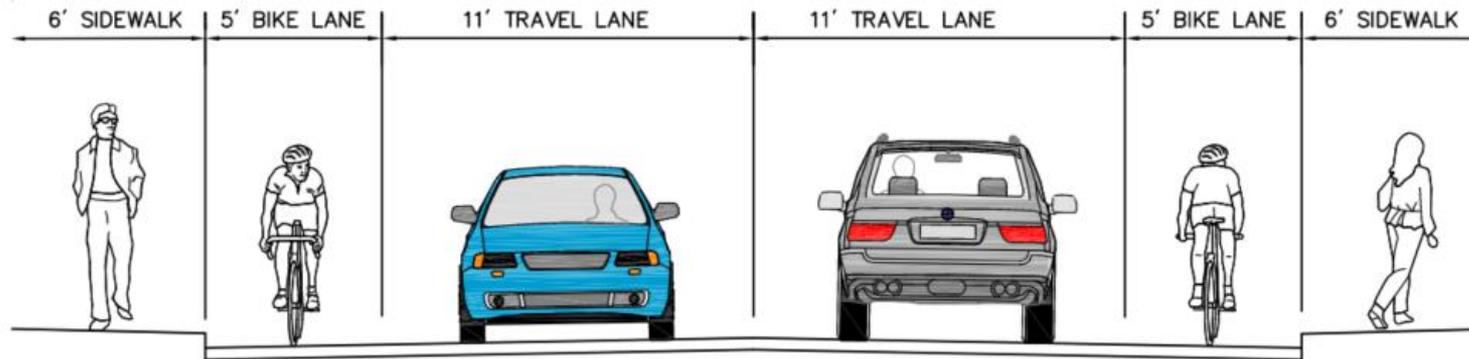
# Existing Conditions & Recent Crash Data



Collision Type	2013-2015	2016-2019
Angle	7	17
Head-On	0	4
Rear-End	7	10
Sideswipe (Opposite Direction)	0	1
Sideswipe (Same Direction)	0	1
Single Vehicle	1	2
<b>Total:</b>	<b>15</b>	<b>35</b>
<b>% Injury</b>	<b>27%</b>	<b>31%</b>
<b>MassDOT District 3 Average Crash Rate</b>	<b>0.65</b>	<b>0.61</b>
<b>Calculated Crash Rate</b>	<b>0.58</b>	<b>1.07</b>

# Why Reconstruct the Intersection?

- Improve safety and mobility for all users
- Improve sight distance
- Reduce vehicle speeds



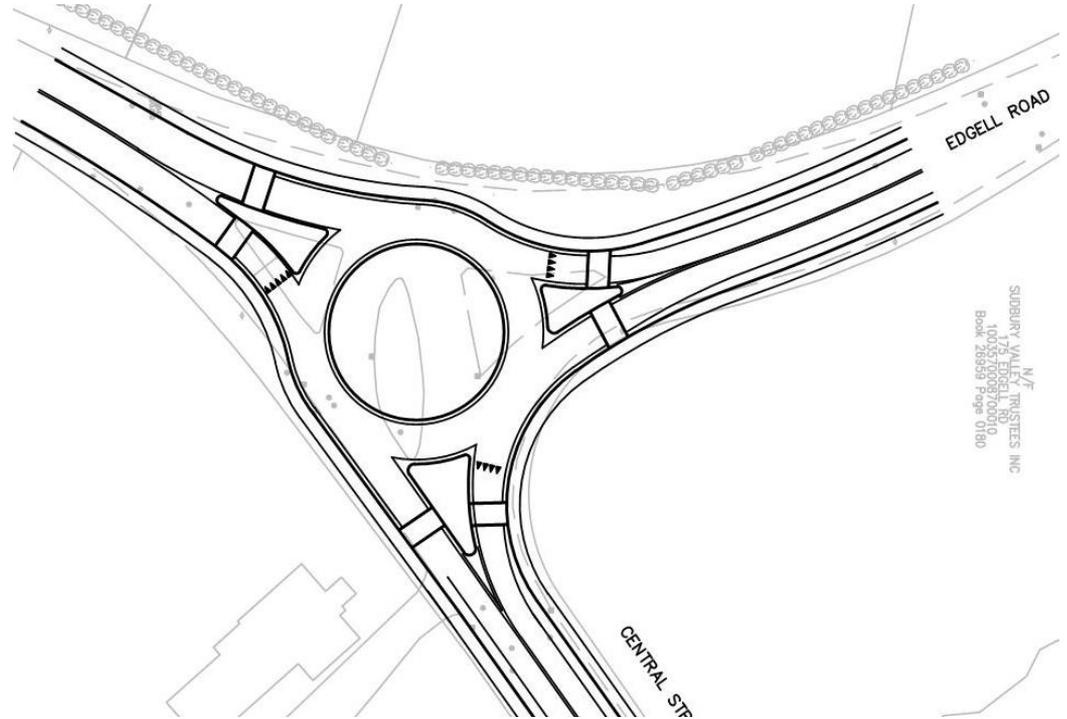
# Alternatives Considered - Roundabout

## Pros:

- Improved safety with fewer vehicle conflicts
- Short pedestrian crosswalks

## Cons:

- Lacks bicycle accommodation
- Single Lane: Significant vehicle queues on Edgell Road
- Double Lane: Significant property impacts



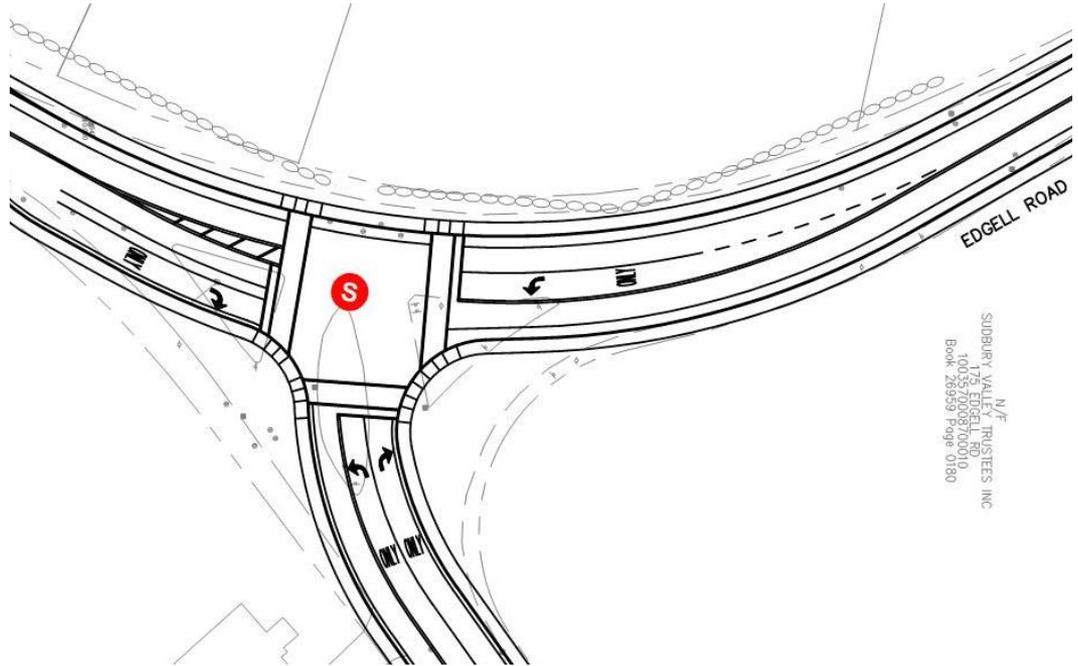
# Alternatives Considered – Traffic Signal

## Pros:

- Pedestrian crossings
- Bicycle lanes
- Exclusive turn lanes

## Cons:

- Larger vehicles not accommodated
- Inadequate storage length on Edgell Road
- Possible historic wall impact



N/F  
SIOBURY VALLEY TRUSTEES, INC  
10025 EDGELL ROAD  
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# Project Constraints

- Central Street Bridge
- Abutted by Conservation Land
- Scenic Roads – Stone Wall on Edgell Road





# 25% Design



# Comments Heard at 25% Design Meeting

No need for traffic light here

Widen Central Street on the north side from the bridge to provide two west bound traffic lanes.

Eliminate the sidewalk on the east side of Edgell Road north of Central.

Eliminate the second crosswalk north of Central Street across Edgell Road.

Move the Central Street crosswalks east of the intersection so walkers can cross on a shorter crosswalk.

Eliminate any dedicated roadway for bikers

Synchronize the traffic light with the traffic light at Route 9.

Pleased City and MassDOT working together to address the traffic issues

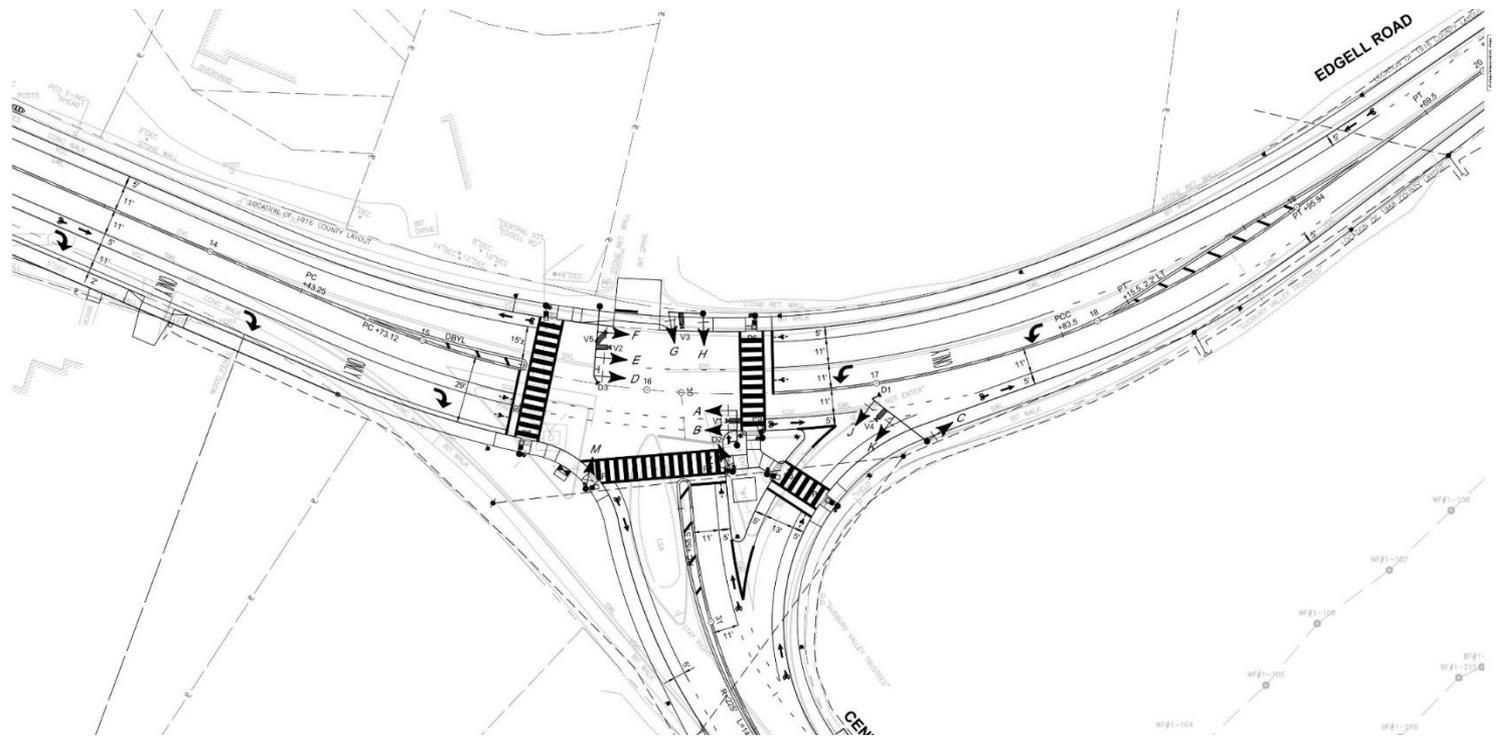
Thrilled to see plans for bicycle lanes

How will Vernon Street be impacted

Concern for emergency vehicles and school busses with increased congestion/queues

Enforce speeding and remove trees to increase safety

# 75% Design



# 75% Design



# Proposed Project Features

- Roadway widening for turn lanes
- Pedestrian Improvements:
  - New ADA compliant cement concrete sidewalks with pedestrian access ramps
  - New pedestrian signals
  - Decorative crosswalks with stamped imprinting
- Two crosswalks on Edgell Road with an exclusive signalized pedestrian phase



# Proposed Project Features

- Ornamental Traffic Signals
- Accommodation for bicyclists with shoulders – dedicated bicycle lanes



# Easements Required Right of Way

- City is required to secure the right of way
- Easements are required for construction, including:
  - 2 permanent
  - 14 temporary
  - 2 permanent utility
  - 2 permanent guardrail easements



# Coordination

- Framingham Historic Commission
- Framingham Historic District Commission
- Framingham Conservation Commission
- Parks and Recreation Department



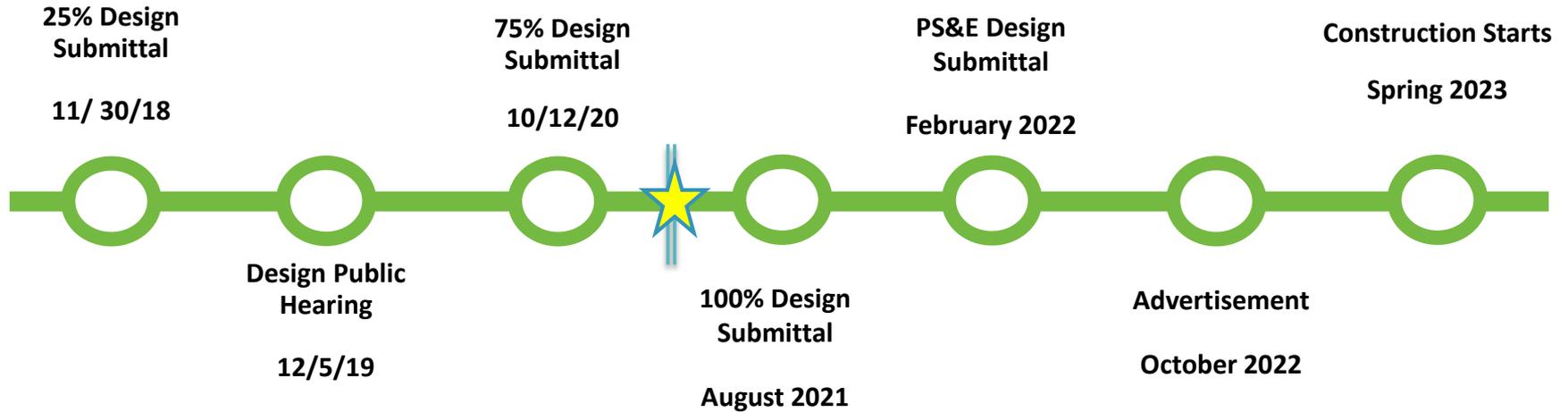
# Anticipated Traffic and Pedestrian Impacts

*Construction is expected to take two construction seasons*

- Hours of Construction:
  - Monday – Friday, 7:00 a.m. to 3:30 p.m.
- Daily Traffic Impacts:
  - Lane shifts and alternating traffic
  - A minimum of 1-lane in each direction will be maintained
  - Work is anticipated during the day
  - MassDOT contractor will be selected for the project
  - Detours are not anticipated
- Pedestrian and bicycle access will be maintained
- Police details will be on-site to facilitate vehicular traffic and pedestrians



# Next Steps/Project Schedule



# Questions Received

**Q: How would the signal timing likely affect the large line of cars/school buses trying to get off Vernon onto Edgell during morning commute time (just S of this intersection)?**

*A: Vernon intersection is approximately 800' south of the Central Street Intersection. The Edgell Road weekday morning NB Through movement has a 50% queue of approximately 175' and 95% queue of approximately 500'. It is not anticipated that this signal will have a significant impact on the Vernon Street intersection, although it may provide more gaps at that intersection.*

**Q: Is there a potential for two established lanes on Central Street?**

*A: VHB and the City are looking at all options to widen and stripe Central Street with two dedicated turn lanes while still minimizing impacts to Environmentally sensitive areas as well as private Sudbury Valley Trustees property.*

# FOR FUTURE PROJECT UPDATES AND TO STAY CONNECTED WITH FRAMINGHAM PUBLIC WORKS, PLEASE VISIT:



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to receive weekly traffic alerts



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Twitter:

@DPWFramingham

If you need assistance or have  
questions about the project, please  
contact:

Adam Kiel, P.E., Senior Project Manager:

[awk@framinghamma.gov](mailto:awk@framinghamma.gov)



## HOW TO PARTICIPATE ON ZOOM



If you are watching the meeting via Zoom on your computer, mobile device, or tablet and wish to speak, please raise your digital hand.

**Please do not use the chat function.**

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**Webinar ID# 962 6948 0687**

Press \*9 to speak

## PUBLIC PARTICIPATION GROUND RULES

- Questions submitted prior to the meeting will be discussed first.
- You will have 3 minutes to speak.
- Participants will not be able to speak more than once until everyone has had an opportunity for their voice to be heard.
- Inappropriate language and/or offensive comments will NOT be tolerated.
- For follow-up/additional questions that cannot be answered tonight, we will post a Q&A sheet on the City website 10 business days after the meeting. Additional questions can be sent to: [DPWProjects@FraminghamMA.gov](mailto:DPWProjects@FraminghamMA.gov)
- **Hard stop at 7:30 p.m.**

**Questions/Comments**