

# PROJECT UPDATE



## Intersection Improvements at Kelley's Corner

Acton, MA | MassDOT Proj. File No. 608229

MPO Meeting  
March 15, 2018



# Project Area



**Total Project Length = 1.16 Miles**



# GPI

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## FUNDING & COSTS

### CURRENT TIP FUNDING

- TAP \$ 200,000
- CMAQ \$ 1,000,000
- STP \$ 7,471,000
- **FFY '22 TIP \$8,671,000**

**(Construction Subtotal approx. \$6,500,000)**

### 25% COST ESTIMATE

**Construction Subtotal \$10,720,795**

**(not incl. contingencies/inflation)**

**EST. FFY '22 TIP TOTAL \$14,718,378**





## Why the Cost Increase?

### 1. PUBLIC INFORMATION MEETING

- A. Safety Concerns
- B. Traffic Improvements
- C. Historic Property Impacts

### 2. UPDATED TRAFFIC DATA

- A. Two Additional Signalized Intersections
  - Mass Ave. at Charter Road (A-B Regional School Complex)
  - Mass Ave. at Community Lane

### 3. DESIGN DEVELOPMENT / CONCEPT VS DESIGN COSTS

- A. Larger Retaining Walls
- B. Wetland Impacts
- C. Historic Property Considerations
- D. Utility Relocations
- E. Drainage Improvements



## Additional Project Scope

- **CHARTER ROAD (A-B SCHOOL COMPLEX)**
  - School traffic patterns – updated data
  - Sight distance and queues force drivers to avoid Charter
  - Development of Kmart property across street
  - Overall Safety Concern for pedestrians and drivers

→ **Signalize and Re-align Charter Road**
- **COMMUNITY LANE @ MASS. AVE.**
  - Voiced lack of support for project without addressing safety
  - Updated traffic & accident data – warrants met

→ **Signalize Intersection**
- **MAIN STREET @ MASS. AVE**
  - Capacity & Operations Improvements

→ **Widening & Signal Improvements**



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## Cost Increase

<b>1. Charter Road</b>	<b>\$ 600,000</b>
<b>2. Mass Ave. @ Community</b>	<b>\$ 200,000</b>
<b>3. Main St. @ Mass. Ave.</b>	<b>\$ 200,000</b>
<b>4. Retaining Walls</b>	<b>\$1,000,000</b>
<b>5. Utility Relocations</b>	<b>\$ 750,000</b>
<b>6. Drainage Improvements</b>	<b>\$ 370,000</b>
<b>7. Streetscape, Lighting, and Landscaping</b>	<b><u>\$1,400,000</u></b>
	<b>\$4,520,000</b>



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## **Project Goals Unchanged**

- 1. Revitalize Kelley's Corner:**
  - Create a vibrant, walkable center, improve connectivity, address capacity issues, reduce excessive queuing and delays**
- 2. Complete Streets: provide sidewalks, bike lanes, and ADA compliance**
- 3. Address safety concerns for students, pedestrians, bicyclists, and transit users**
- 4. Curb cut management, utility and drainage improvements**



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## Questions?

- **Town of Acton Planning Department**
  - **Roland Bartl, AICP, Planning Director**  
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- **Greenman-Pedersen, Inc. (GPI)**
  - **Lindsey Barbee, P.E., Project Manager**  
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