

Welcome!

Assabet River Rail Trail

Acton and Maynard, MA | Project File No. 604531

PUBLIC INFORMATION MEETING

Acton Town Hall, Room 204

April 30, 2015 | 7:00 PM

Introduction

- **MassDOT Project Manager – Lawrence Cash, P.E.**
- **Town of Acton – Roland Bartl, Town Planner and Kristen Guichard, Assistant Town Planner**
- **Town of Maynard – Linda Hansen, Conservation Commission Agent**
- **Greenman-Pedersen, Inc. – Rebecca Williamson, P.E., Project Manager, Matthew Kearney, P.E. – Project Engineer, Sean McIntyre - Engineer**

History of Public Outreach

- **ARRT Design Concepts Meeting (10%) – October 16, 2007**
- **Design Public Hearing – June 13, 2013**
- **Abutter Outreach – October – November 2014**
- **Public Informational Meeting – April 30, 2015**



Project Team



Municipality

Acton and Maynard, MA

Consultant Engineering Firm

Greenman-Pedersen, Inc.

MassDOT's Highway Division

Responsible for administering the Design Process and providing Resident Engineer Services

Federal Highway Administration

Responsible for Oversight

Project Area



**Why do we need
this project?**



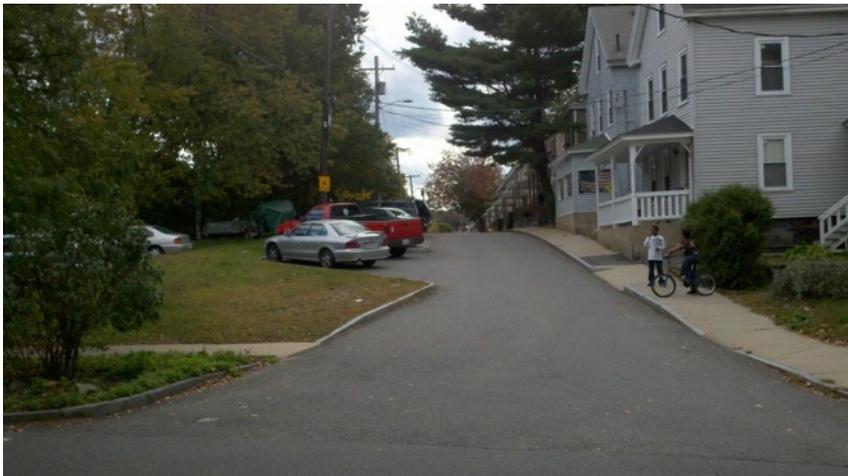
Assabet River Rail Trail

- Communities of Marlborough, Hudson, Stow, Maynard and Acton have been working on the project for many years
- 12.5 miles



Existing Issues

- **Lack of on-street bicycle accommodations**
- **Lack of sidewalks**
- **Mill Pond Bridge**
- **Drainage issues**
- **Need for alternative transportation modes**



Existing Issues



Project Goals

- **Regional – connects five communities**
- **Safety – off-road bicycle and pedestrian route**
- **Economic – connects commercial and retail centers**
- **Mobility – South Acton Commuter Rail Station**
- **Environmental – reduced congestion and emissions**

Project Scope

- **Construction of 3.4 miles of the Assabet River Rail Trail from the Maynard/Stow Town Line to the South Acton Commuter Rail Station**
- **8-12 foot wide multi-use trail with 2 foot graded shoulders**
- **Replacement of the bridge over Mill Pond**
- **Replacement of the bridge over the Assabet River**
- **Construction of a boardwalk**
- **Construction of parking areas**
- **Drainage improvements**
- **Signing, Pavement Markings, Fencing, Amenities and Landscaping**

Project Schedule

75% Design Submittal
April 17, 2015

100% Design Submittal
July 17, 2015

Public Information Meeting
April 30, 2015

Construction Starts
Spring 2016



How will traffic be affected?





ALERT: Traffic Impacts

- **Minimal impacts**
- **Limited to roadway crossings**
- **No lane closures during peak hours**
- **Impacts to abutters will be minimal**

Alternatives

- Trail Alignment
 - Route 117



Alternatives

- **Trail Alignment**
 - **Boardwalk – 6 alternatives (construction cost, constructability, impacts to resources, public safety and right-of-way)**

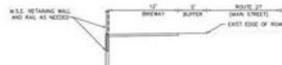


SCALE IN FEET

- LEGEND**
- 12' WIDE HMA BIKEWAY (OPTION 1)
 - 12' WIDE HMA BIKEWAY (OPTION 2)
 - 12' WIDE HMA BIKEWAY (OPTION 3)
 - 12' WIDE HMA BIKEWAY (OPTION 4)
 - 12' WIDE HMA BIKEWAY (OPTION 5) — PREFERRED OPTION
 - 12' WIDE HMA BIKEWAY (OPTION 6)

PROP. EXISTENT

ATLANTIC UNIT



ASSABET RIVER RAIL TRAIL
MAYNARD & ACTON
MASSHIGHWAY 105 GALE HING
MAY 15, 2008

ACTON STREET TO SYLVIA STREET
DESIGNS 1-5

*NOTE: OPTION 5 IS THE PREFERRED OPTION



Alternatives

- **Trail Access Alternatives**



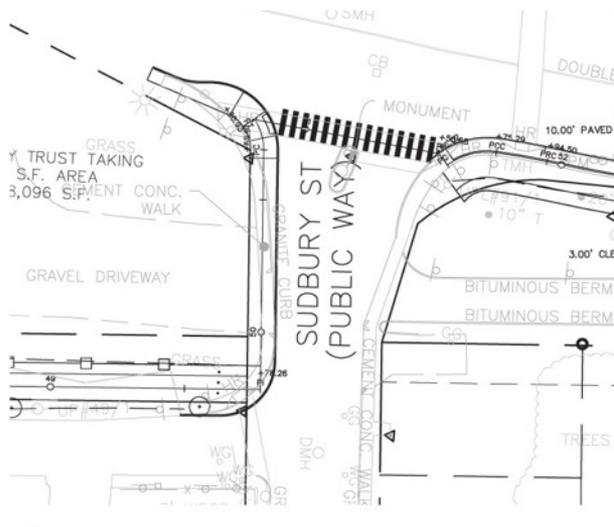
Alternatives

- **Trail Alignment**
 - **Maple Street**



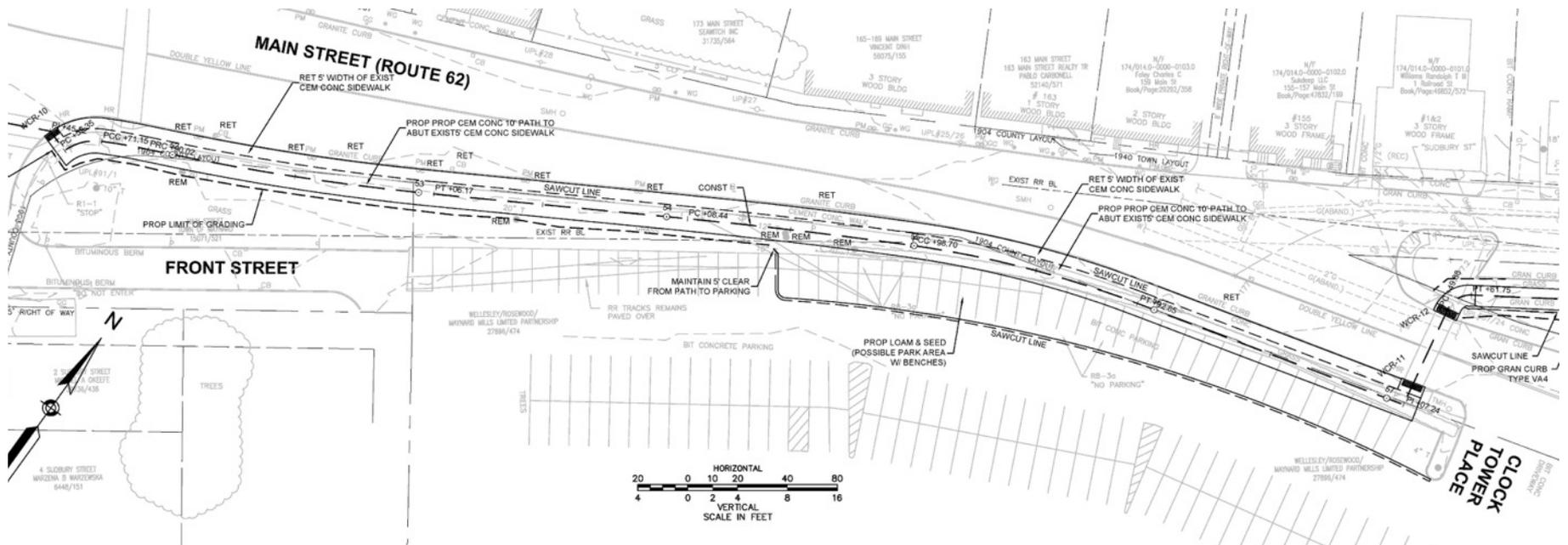
Alternatives

- Trail Alignment
 - Downtown Maynard



Alternatives

- Trail Alignment
 - Downtown Maynard



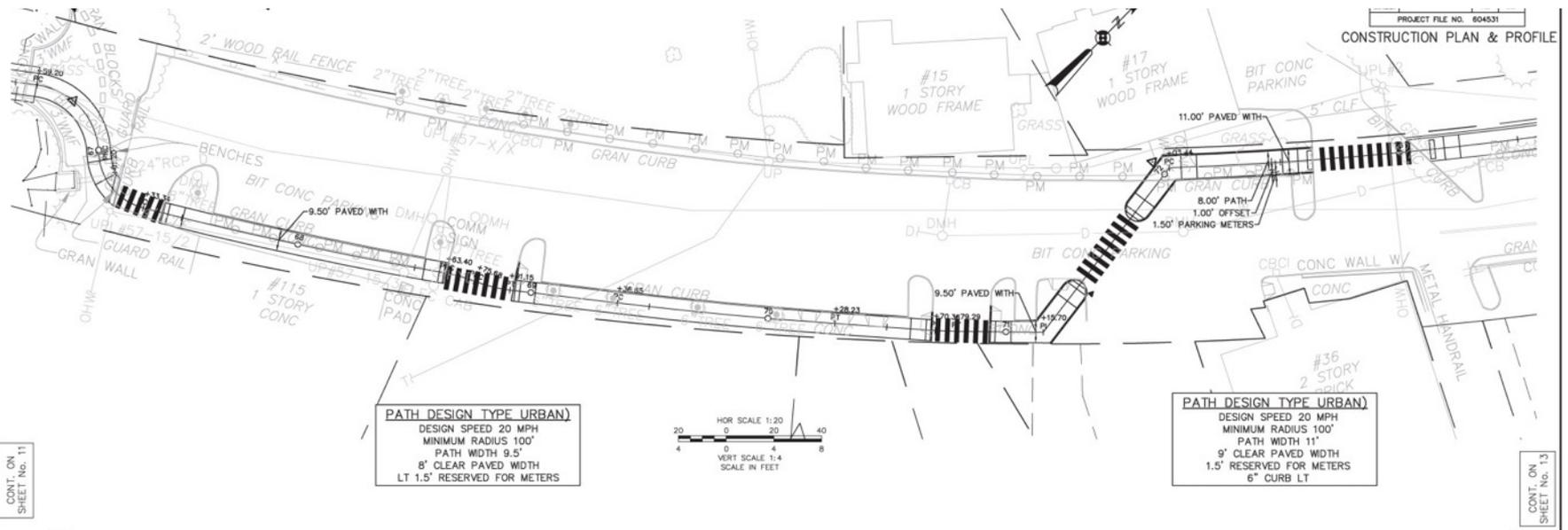
Alternatives

- Trail Alignment
 - Downtown Maynard



Alternatives

- Trail Alignment
 - Downtown Maynard



Alternatives

- Trail Alignment
 - Downtown Maynard



Alternatives

- **Bridges and Boardwalk**
 - **Evaluated numerous alternatives (cost, constructability, context, safety, maintenance, span length, aesthetics, etc.)**
- **Alignment modifications to minimize abutter impacts at Winter Street crossing**
- **Narrowed cross section at Summer Street to minimize impacts to Maplebrook Park**
- **Alignment modifications for safety at Acton Street crossing**
- **Added a sidewalk along Maple Street from the proposed parking lot to Route 27**
- **Increased minimum radii to meet current standards**
- **Alignment and profile modifications to minimize resource area impacts**



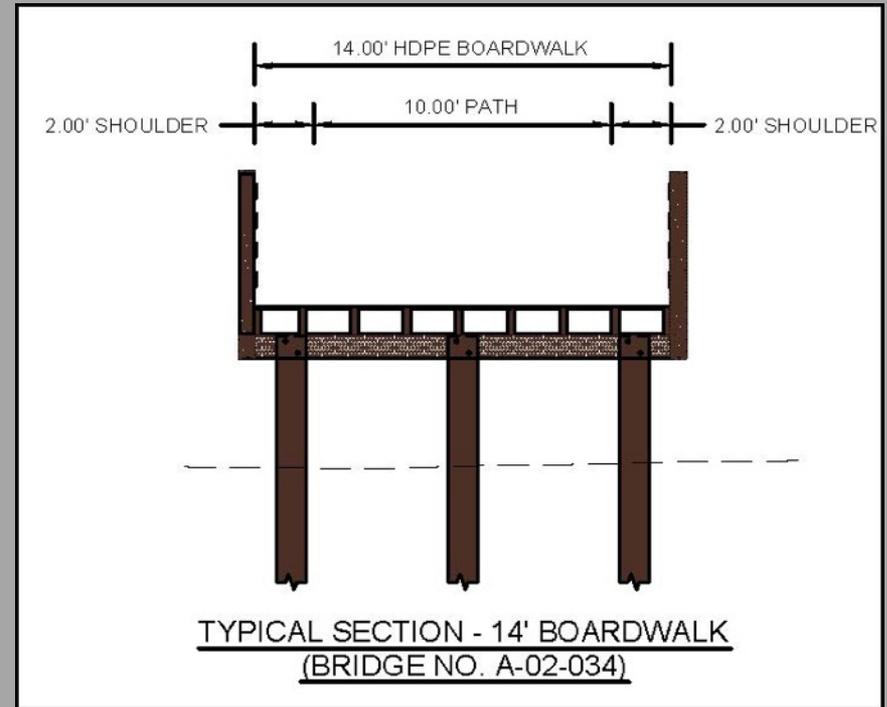
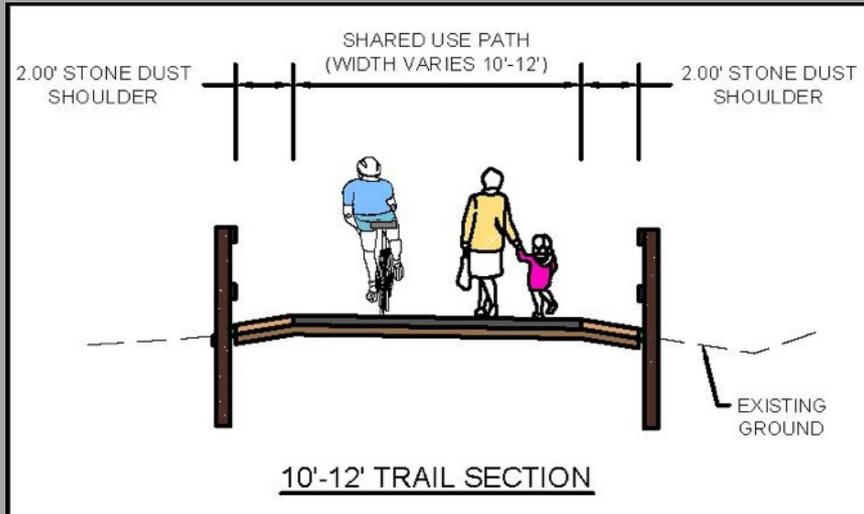
Proposed Improvements

- 3.4 miles Hot Mix Asphalt multi-use trail
- Intersection improvements at crossings
- New bridges
- Alternative transportation corridor
- Increased property values
- Increased business
- Decreased congestion and emissions



Proposed Improvements

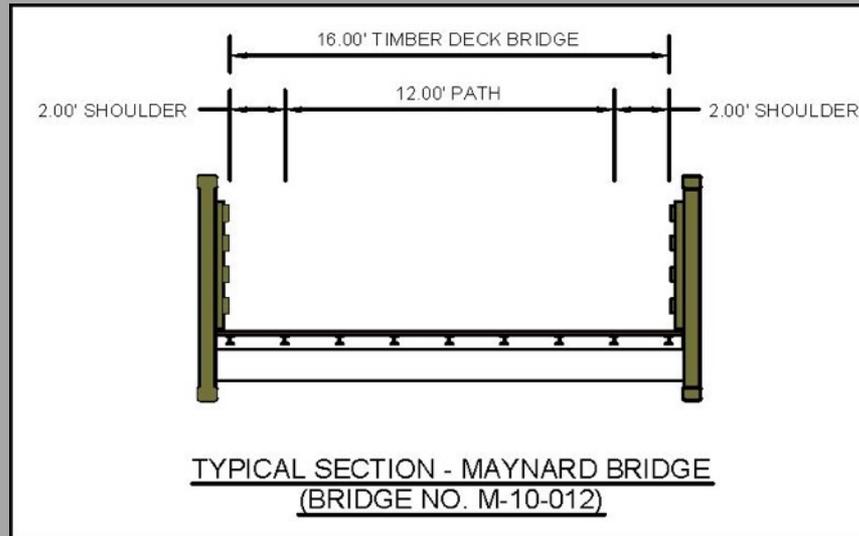
- Cross section





Proposed Improvements

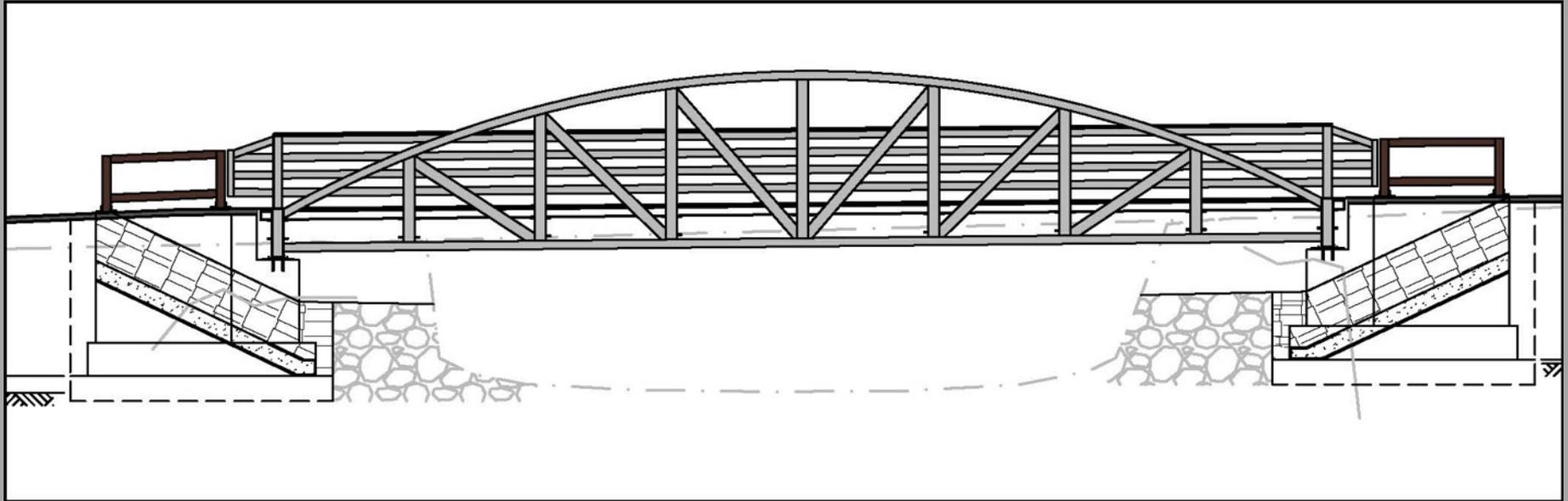
- Cross section





Proposed Improvements

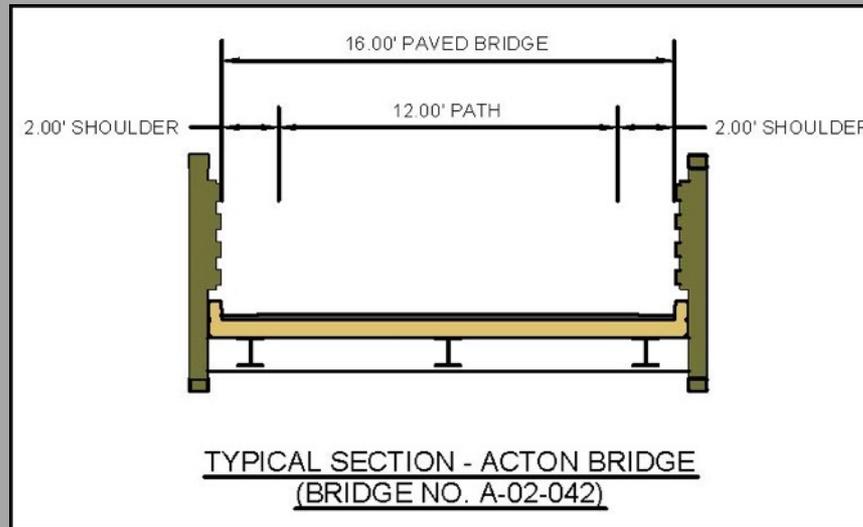
- Bridge M-10-012 (BP7) – 62' Prefabricated Steel Truss (galvanized)





Proposed Improvements

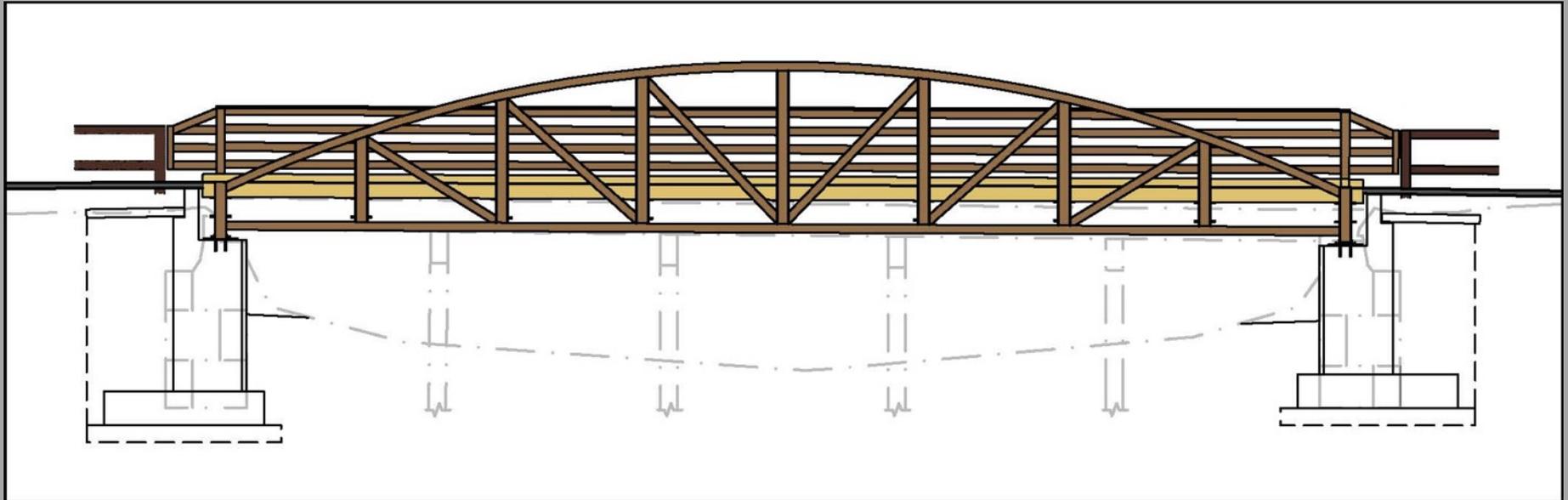
- Cross section





Proposed Improvements

- Bridge A-02-042 (BP6) – 65' Prefabricated Steel Truss (painted)



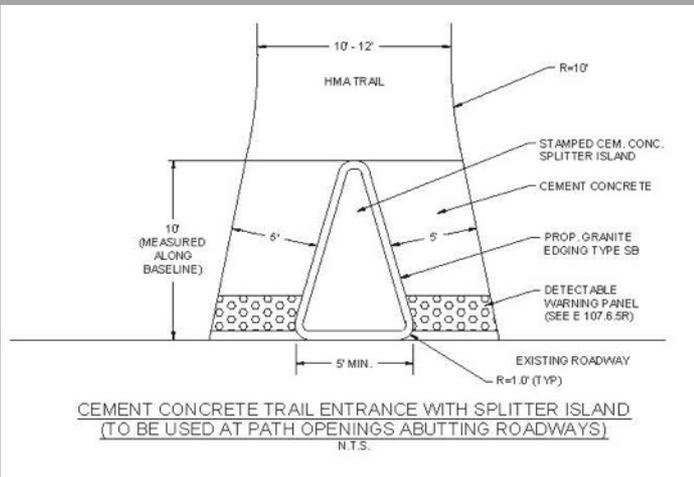


Proposed Improvements

- Roadway Crossings
 - Pavement Markings and Signing
 - Splitter Islands
 - Sight Distance

STOPPING SIGHT DISTANCE SUMMARY – MID-BLOCK CROSSINGS

Location/Direction	Stopping Sight Distance (feet)	
	Measured	Minimum Required ^a
Great Road (Route 117) at Rail Trail Crossing:		
East of intersection (WB)	440	271
West of intersection (EB)	480	250
Main Street (Route 62) at Rail Trail Crossing:		
East of intersection (WB)	400	155
West of intersection (EB)	300	155
Florida Road at Rail Trail Crossing:		
North of intersection (SB)	150	115
South of intersection (NB)	130	115
Summer Street at Rail Trail Crossing:		
East of intersection (WB)	+500	107
West of intersection (EB)	380	116
Acton Street (Northern) at Rail Trail Crossing:		
West of intersection (EB)	90	155





Proposed Improvements

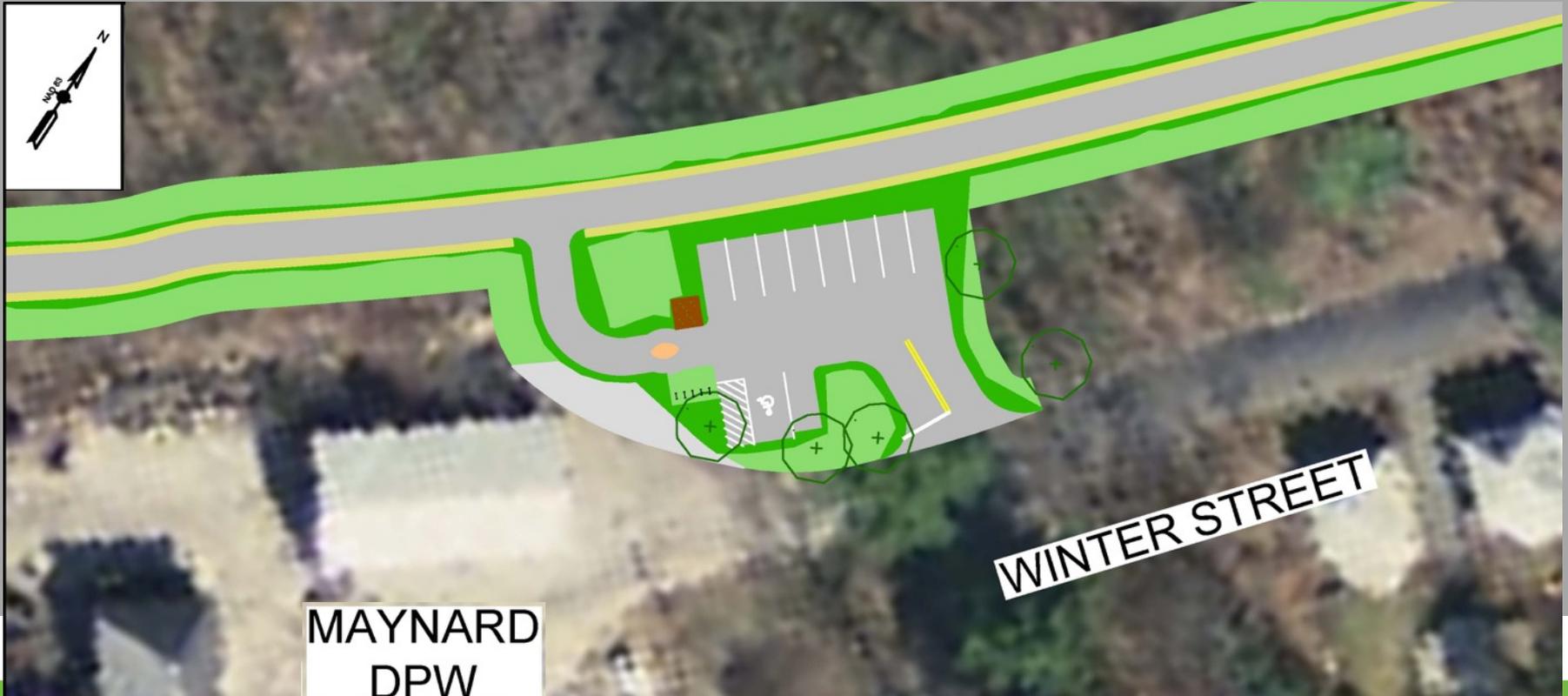
- Roadway Crossings
 - Rectangular Rapid Flashing Beacons

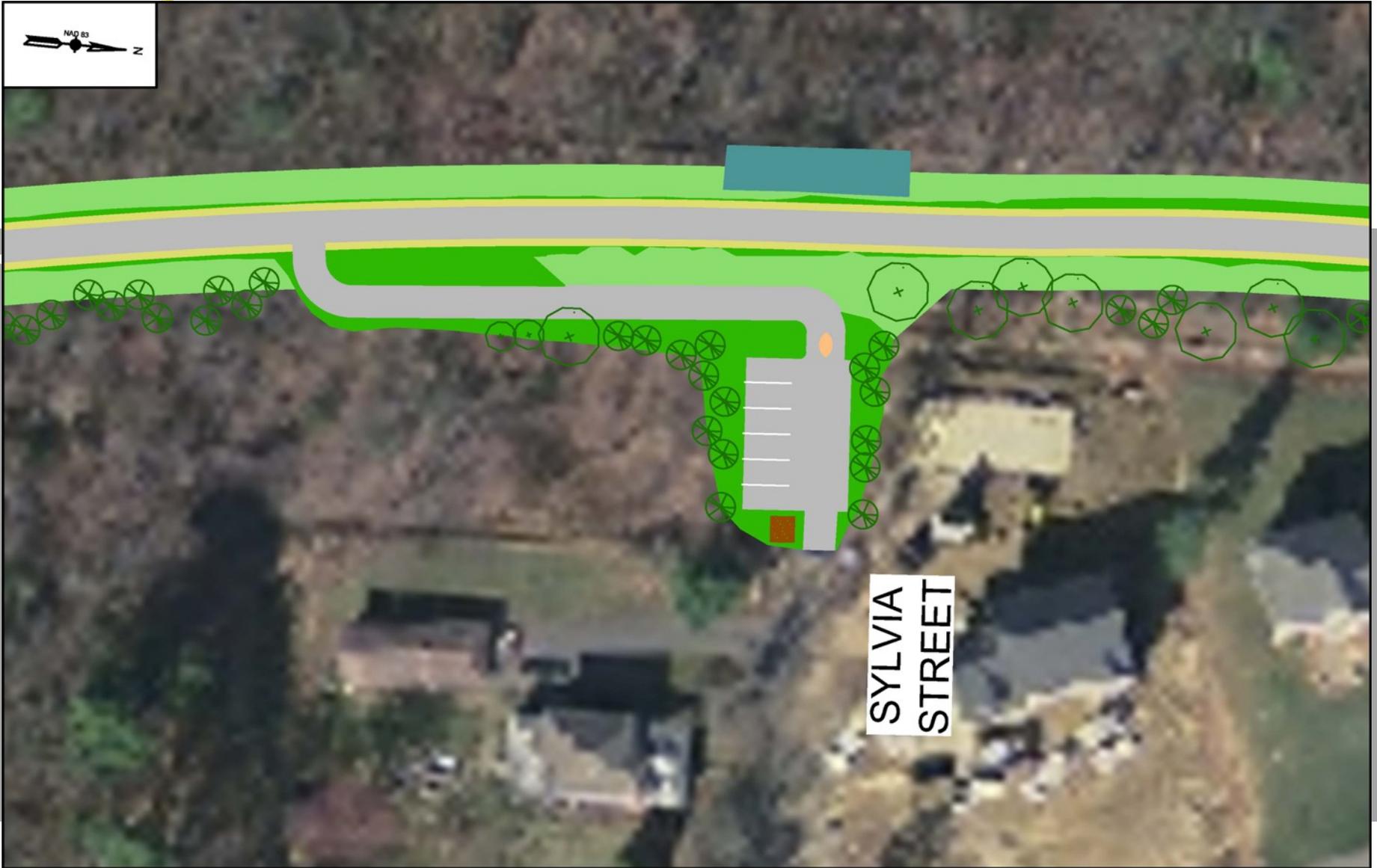




Proposed Improvements

- Parking





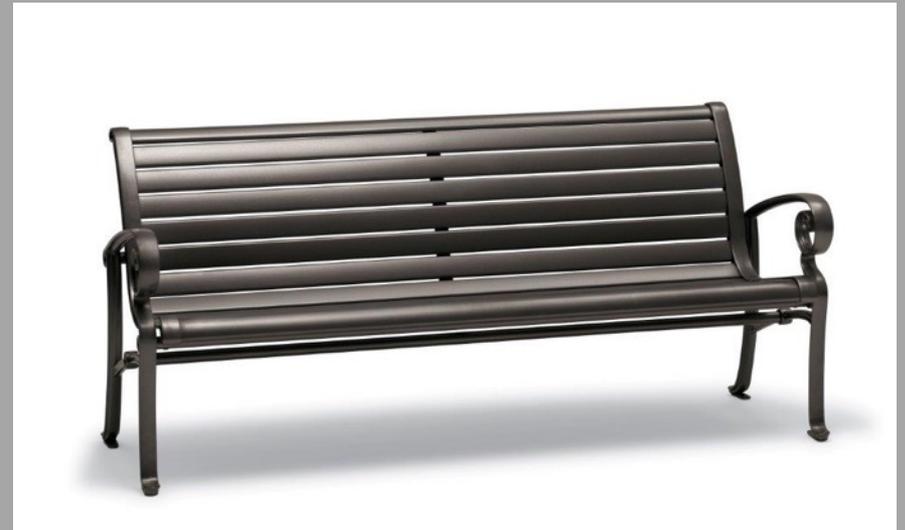






Proposed Improvements

- Scenic Overlooks/Rest Areas
 - Great Road crossing – 2 benches
 - Sudbury Street crossing – 2 benches
 - 20 Main Street – 4 benches





Proposed Improvements

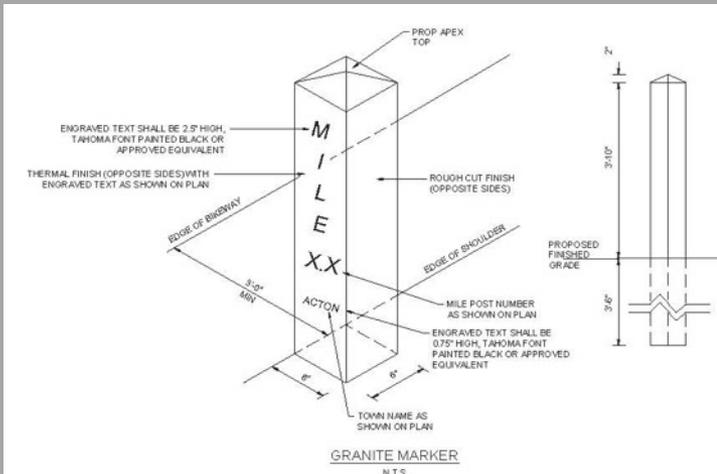
- Display Boards/Informational Kiosks
 - Station 0+54 (Project Start)
 - Station 20+76 (Winter Street Parking Area)
 - Station 34+76 (Great Road Intersection)
 - Station 136+97 (20 Main Street)
 - Station 153+44 (Sylvia Street Parking Area)
 - Station 177+10 (Project End)





Proposed Improvements

- Additional Amenities
 - Mile Markers (Every 1/4 mile)
 - Bicycle Racks (Winter Street parking area - 5 and Sudbury Street crossing – 3)





Proposed Improvements

- Additional Amenities
 - Interpretive Signs (Sudbury Street crossing and Mill Pond Bridge)



Environmental Permitting



- **MEPA/NEPA**
- **Section 106**
- **Chapter 91 Waterways License**
- **Section 401 Water Quality Certification**
- **Section 404 ACOE Individual Permit**
- **Wetlands Protection Act**

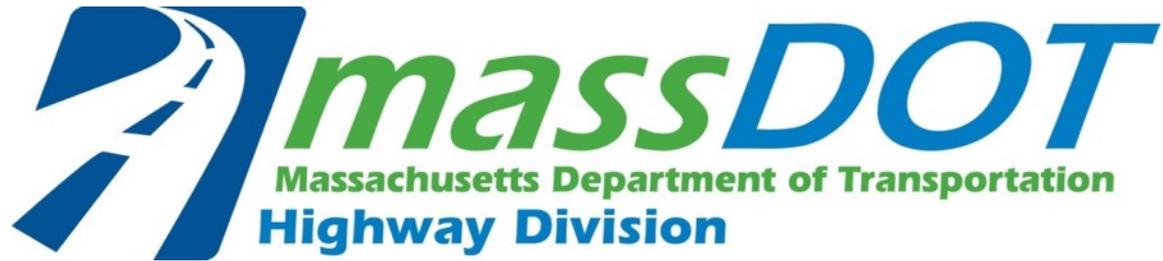
Next Steps

- **75% Design Submission under review currently**
- **Permit Approvals**
- **100% and Final Design Submissions**
- **Towns finalize ROW acquisitions**
- **Advertisement**

Contact Information



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- Roland Bartl – rbartl@acton-ma.gov, 978-929-6631
- Kristen Guichard – kguichard@acton-ma.gov, 978-929-6631
- Linda Hansen – conscom@TownofMaynard.net, 978-897-1302



Thank You

Q&A

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