

Route 156 Bike Route and Sound View Improvements

State Project #104-172

Old Lyme Town Meeting

July 18, 2016



Committee Members

Mary Jo Nosal

Frank Pappalardo

John MacDonald

Rob Haramut

Skip Sibley

Angelo Faenza

Jim Lampos

Bonnie Reemsnyder

DOT Liaison: VHB – Chris Faulkner



Existing Conditions

- Deteriorating sidewalks
- Inadequate sidewalks for public safety
- Lack of handicapped accessibility
- Lack of bicycle facilities
- Inadequate stormwater drainage
- Parking



Existing Conditions - Parking

Current public parking:

177 Private permitted parking lot spaces (7 permitted lots)

53 Business patron space per filed site plans (30 Pavilion, 15 Lenny's, 7 Sugar Shack)

49 Street parking (including the ½ hour free spaces)

75 Town lot

354 Total

Project completion:

177 Private permitted parking lot spaces (7 permitted lots) – **(No change)**

53 Business patron space per filed site plans (30 Pavilion, 15 Lenny's, 7 Sugar Shack) **(No change)**

27 Reduction of 22 from 49 street parking (including the ½ hour free spaces)

75 Town lot **(No change-not part of this project)**

332 Total

Net change: 22 parking spaces



Background

- 2000-2010: Numerous requests to improve the Sound View area
- 2011: \$2500 budget approved by Board of Finance for Conceptual Design
- 2012: Conceptual Design completed by BSC Group
- 2012: Application through CRERPA (now RiverCOG) for Intermodal Transportation Grant; Approved Unanimously by all Towns
- 2013: Grant award announced in February; Committee formed
- 2013: Qualitative Based Selection of Design Firm – BSC Group
- 2014: Plan and Design Funding approved at Town Meeting 3/24



SVI's Preliminary Design-Final Design Highlights

- 6/15 - Green Light from DOT to focus on maximizing transportation funding with Hartford Avenue improvements.
- 6/30/15 - required Public Info Meeting and 30 day comment period.
- 8/15 - Based on full review of comments, Board of Selectmen support phasing-in the project.
- 11/15 - DOT Authorization to proceed to Semi-Final Design.
- 2/16 - Semi-Final Design submitted.
- 4/16 - Final Design submitted and approved in June 2016.
- 4/16 - 7/16 - Inspector and Construction Bid phase.
- 7/18/16 - Town Meeting to approve cost of construction.



Project Components

- Evaluation of Route 156 as Bike way
 - Signage/improvements implemented by DOT in future
- Improvements to Hartford Avenue
 - Construction of sidewalks, bumpouts, landscaping
 - Bike racks, benches, signs, banner poles
 - Stormwater drainage improvements
 - SHARROW Bike Lane



Design Process

- **Project Mapping**
- **Geotechnical Assessment**
- **Preliminary Design**
- **Final Design**
- **Permitting**
- **Construction Documents**



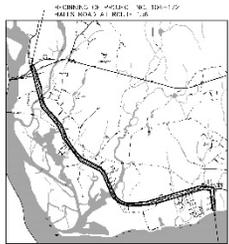
Plan & Design Process

- 56 meetings; 3 site walks; 6 Public information meetings
- 1 Town Meeting Vote for Design and Specifications
- Numerous plan reviews with revisions included
- Numerous Presentations to Board/Commissions including Sound View Commission; Planning; Zoning; Inland Wetlands; Tree Commission
- Approval from town officials: ZEO, Fire Marshal, Fire Chief, Public Safety, etc.



Design Deliverables

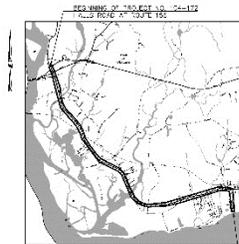
ROUTE 156 BIKE WAY AND SOUNDVIEW IMPROVEMENTS PROJECT 104-172 OLD LYME, CT PRELIMINARY DESIGN JULY 17, 2015



INDEX OF DRAWINGS

T-100	TITLE SHEET
OV-100	PROJECT AREA PLAN
EC-100-105	EXISTING CONDITIONS PLANS
C-100-101	EROSION & SEDIMENTATION CONTROL
C-200-201	SITE PREPARATION PLANS
C-300-301	GRADING & DRAINAGE PLANS
C-400-401	LAYOUT AND MATERIALS PLANS
C-500-501	PAVEMENT MARKINGS AND SIGNAGE PLANS
C-600	MAINTENANCE & PROTECTION OF TRAFFIC PLAN
DT-700-701	DETAILS

ROUTE 156 BIKE WAY AND SOUNDVIEW IMPROVEMENTS PROJECT 104-172 OLD LYME, CT SEMI-FINAL DESIGN JANUARY 15, 2016



INDEX OF DRAWINGS

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C-600	MAINTENANCE & PROTECTION OF TRAFFIC PLAN
C-700	TYPICAL SECTIONS
DT-100-110	DETAILS
LP-100-101	PILOTOMETRICS PLANS

ROUTE 156 BIKE WAY AND SOUND VIEW IMPROVEMENTS PROJECT 104-172 OLD LYME, CT FINAL DESIGN APRIL 12, 2016



INDEX OF DRAWINGS

T-100	TITLE SHEET
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C-100-101	EROSION & SEDIMENTATION CONTROL PLANS
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C-400-401	GRADING & DRAINAGE PLANS
C-500-501	PAVEMENT MARKINGS & SIGNAGE PLANS
C-600	MAINTENANCE & PROTECTION OF TRAFFIC PLAN
C-700	TYPICAL SECTIONS
DT-100-110	DETAILS
IHW-1-7	CTDOT HIGHWAY STANDARDS
TR-1-5	CTDOT TRAFFIC STANDARDS



TOWN OF OLD LYME, CONNECTICUT
FINAL DESIGN CONTRACT DOCUMENTS
FOR

STATE PROJECT NO. 104-172 ROUTE 156 BIKE WAY AND SOUND VIEW IMPROVEMENTS

Bonnie Remusmyder - First Selectwoman

APRIL 12, 2016



300 Writing Brook Drive
Cheshire, CT 06025



Design Presentation

- Evaluation of Route 156
- Improvements to Hartford Avenue



Design Presentation

ROUTE 156



Evaluation of Route 156

Goal:

Evaluate the roadway within the project area to determine what improvements would be required for designation of this portion of the road as a designated Bike Route.



Evaluation of Route 156

Paved Shoulder:

Connecticut Statewide Bicycle Map Website
Website sponsored by the Connecticut Department of Transportation

Home Bicycle Map Report an Issue Agency/Advocacy Groups Plans/Guides Comments Site Map

Cyclists are cautioned to follow all traffic laws and devices. The Connecticut Department of Transportation assumes no responsibility for damages resulting from the use of these routes. The routes were developed during the 2009 Update to the Statewide Bicycle and Pedestrian Plan. Currently there is no signage or amenities for these routes. They are suggested. Additionally, the routes are currently only on state roads. There may be more suitable local roads that parallel a state road. Even number routes are primarily East/West.

Cue sheets for Connecticut Statewide Bicycle Routes and Google Earth Files for Routes can be found [here](#).

Average Daily Traffic (# vehicles)	Shoulder Width			
	0 Feet	1 - 3 Feet	3 - 6 Feet	Greater than 6 Feet
Less than 2,500	Least Suitable	More Suitable	Most Suitable	Most Suitable
2,500 - 5,000	Least Suitable	Suitable	More Suitable	Most Suitable
5,000 - 7,500	Least Suitable	Less Suitable	More Suitable	Most Suitable
7,500 - 10,000	Least Suitable	Less Suitable	Suitable	Most Suitable
Greater than 10,000	Least Suitable	Less Suitable	Suitable	More Suitable



Source: Connecticut Department of Transportation/www.ctbikemap.org



Evaluation of Route 156



Design Presentation

HARTFORD AVENUE



Hartford Avenue



Hartford Avenue



Hartford Avenue



Hartford Avenue

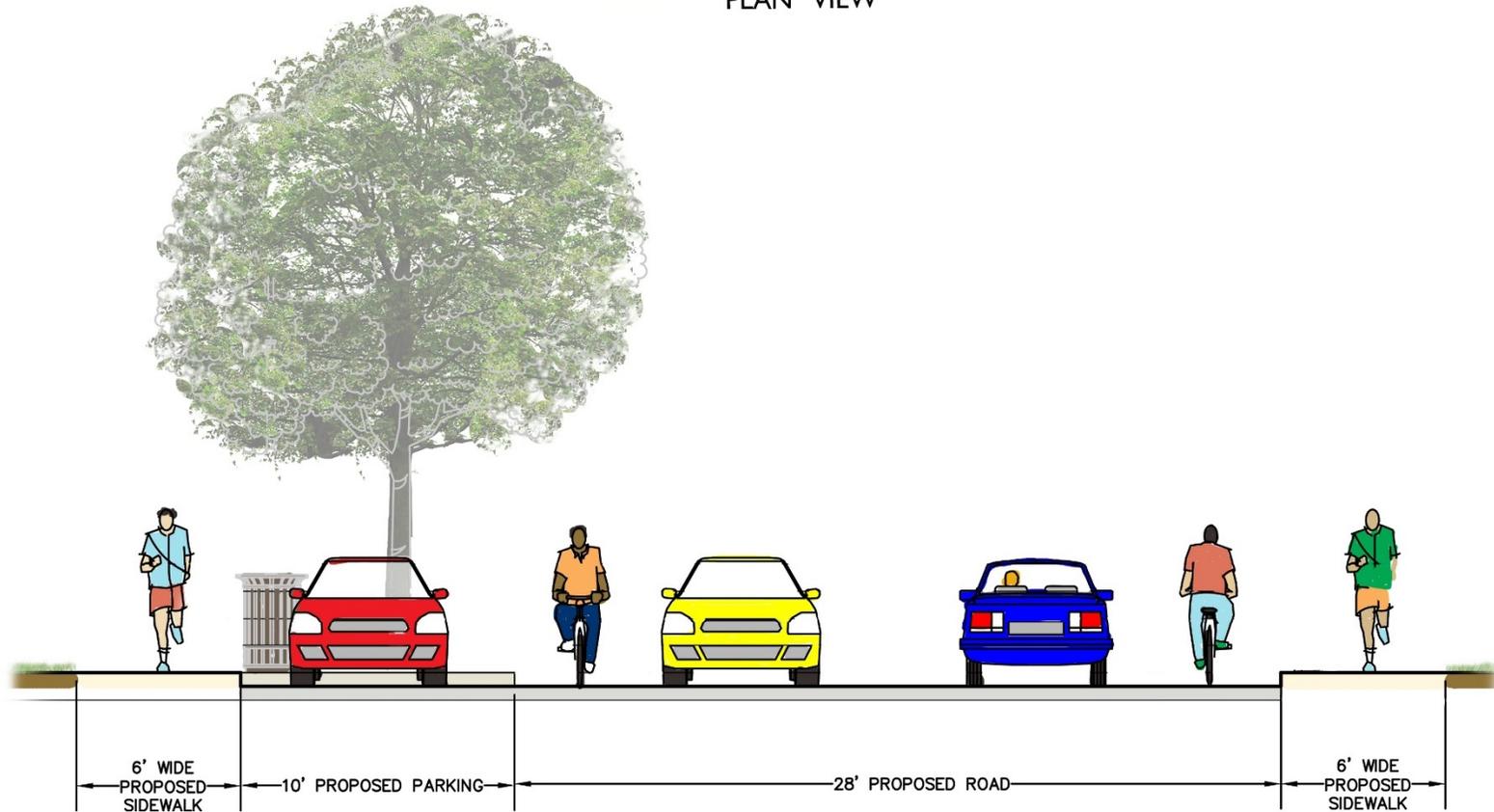
Design Considerations:

- Employ “Complete Street” concept to accommodate all users and enhance safety.
- To create a sense of place and identity for the Sound View Beach community that improves public safety and fosters development.
- Create public spaces that promote people’s health, happiness, and well being.
- Enhance the pedestrian experience.
- Accommodate bicycle use.
- Maximize parking.



Hartford Avenue

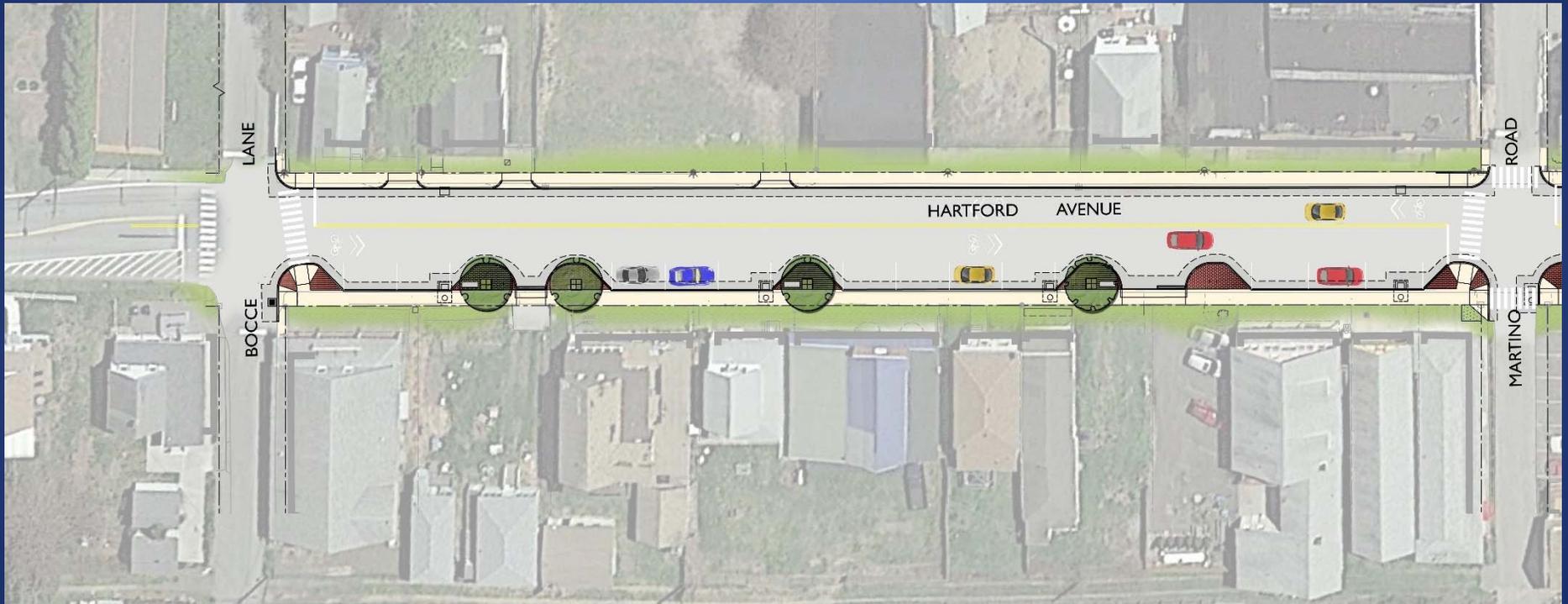
PLAN VIEW



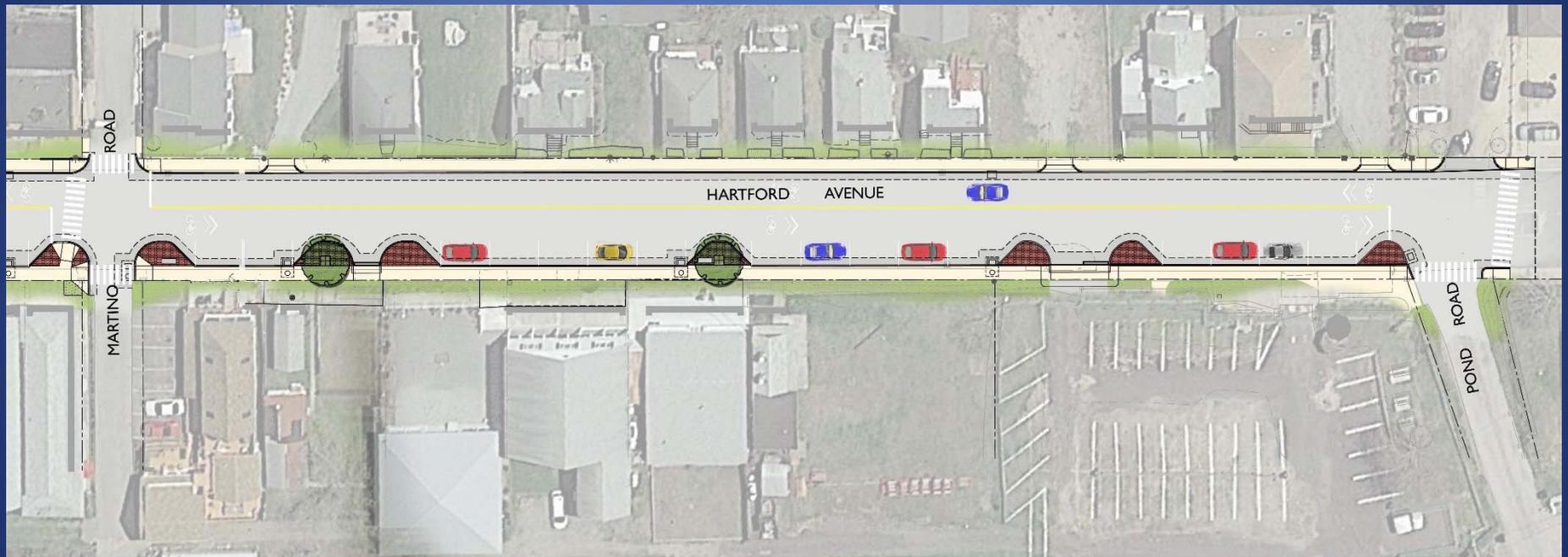
Typical Road Section



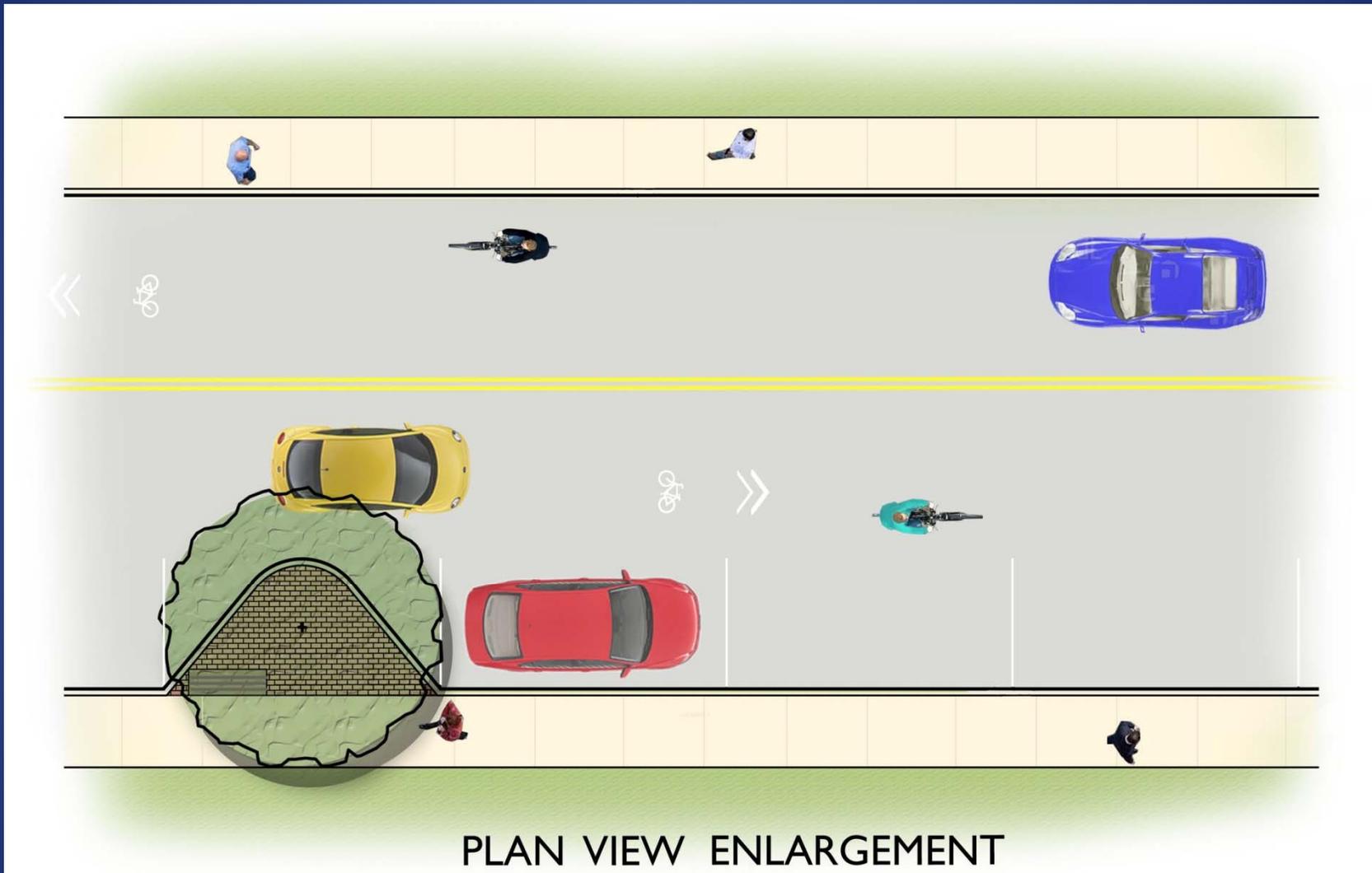
Hartford Avenue



Hartford Avenue



Hartford Avenue



Hartford Avenue Enhancements



Armstrong Freeman Maple



Halka Honey Locust



Hartford Avenue Enhancements



Hartford Avenue Enhancements



Hartford Avenue Enhancements



New Hartford Avenue



Construction Costs

Construction estimate:	\$595,500
Inspection/Municipal Services/Contingency:	\$151,000
<i>Total Municipal Cost:</i>	\$746,500
DOT Materials Testing/Administrative/Audits, etc.	\$ 65,500
<i>Total Project Cost</i>	\$812,000
Additional Buffer approved by BOS & BOF (in case bids come in slightly higher)	\$ 65,000
<i>Total amount to approve</i>	\$ 877,000
Maximum Reimbursement (80%):	\$ 701,600
TOTAL COST TO TOWN:	\$ 175,400



Final Assessments

- 80% Grant on work that Town is responsible to address (infrastructure)
- Estimated cost if the Town installed Sidewalks, Drainage - \$475,000 - \$550,000
Must meet ADA Requirements
- Amenities and bump-outs - \$85,000 - \$125,000
- Town reimburses DOT for all Plan/Design Costs if Construction is NOT approved - approx. \$108,000
- Anticipate bids to come under total, as Plans and Design Phase approved for \$148,000, is under budget at approx. \$135,000.



Next Steps

- Bids
- Contract Awards
- Post Labor Day Groundbreaking
- Construction/Inspection
- Continued efforts for
Restrooms/Lighting/Sound View Green



Total Cost to Town: \$175,400

Thank You!

Questions?

