



Main Street Streetscape Improvements

Board of Selectmen Meeting 10/24/18

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Engineering for your future

Streetscape Project Goals

- Reconstruct the failing and non-ADA compliant sidewalks
 - Existing sidewalks present tripping hazards, maintenance issues
 - Existing ADA access ramps not compliant or missing
 - Widen sidewalks at utility pole obstructions
- Install new, energy-efficient lighting
 - Existing lighting is inefficient, costly to maintain and not dark sky friendly
- Improve safety of corridor for all users
 - Calm traffic – slower vehicle speeds
 - Improve crosswalk visibility, location and functionality
 - Promote pedestrian and bicycle use
- Stimulate economic investment
 - Entice passers by to stop and spend more time downtown
 - Promote businesses

How did we get here?

PHASE 1

- Public Outreach and Design Efforts – January to June 2016
 - Kick-off Meeting
 - Walking Tour
 - Open Houses
 - Visioning Workshop
 - Public Presentations
- Final presentation to Board of Selectmen – June 2016
- Final Report delivered to Town February 2017

PHASE 2

- Existing Conditions Survey – Summer 2017
- Public Outreach
 - Public Informational Meeting – December 2017
 - Business Owners' Forum / Open House – January 2018
 - Visual Preference Survey – February to March 2018
- Presentation to Board of Selectmen – February 2018
- Schematic Design – January to June 2018
- Final Design – June to August 2018
- Presentation to Board of Selectmen – August 2018
- Presentation to Board of Selectmen – October 10, 2018
- Presentation to Rotary Club– October 11, 2018

Where are we now?

- Evaluation of existing conditions and previous community input complete
- Schematic Design complete
- Final Design complete
- Coordination with the following:
 - Several meetings with Town Staff & MaineDOT
 - CMP regarding utility pole relocations
 - Sewer design team
 - Intersection design team
- Budget
 - Total Project Costs estimated at ± \$3.4 million
 - Funding sources:
 - MaineDOT MPI Grant- \$500,000 awarded
 - Other Potential MaineDOT Grants (BUILD, TIGER)
 - Town Bonding

ADA Non-Compliance



Existing Sidewalk Issues



Existing Sidewalk Obstructions





Lower Village - Depot Street Intersection Looking East - BEFORE

Downtown Streetscape Improvement Project, Bridgton, ME



Lower Village - Depot Street Intersection Looking East - AFTER

Downtown Streetscape Improvement Project, Bridgton, ME



Lower Village - Depot Street Intersection Looking East - AFTER

Downtown Streetscape Improvement Project, Bridgton, ME



Middle Village - Depot Square Looking East - BEFORE

Downtown Streetscape Improvement Project, Bridgton, ME



Middle Village - Depot Square Looking East - AFTER

Downtown Streetscape Improvement Project, Bridgton, ME



Middle Village - Depot Square Looking East - AFTER

Downtown Streetscape Improvement Project, Bridgton, ME



Upper Village - Main Street at Fowler Street Looking West - BEFORE

Downtown Streetscape Improvement Project, Bridgton, ME



Upper Village - Main Street at Fowler Street Looking West - AFTER

Downtown Streetscape Improvement Project, Bridgton, ME



Upper Village - Main Street at Fowler Street Looking West - AFTER

Downtown Streetscape Improvement Project, Bridgton, ME

Major Design Elements

- **Roadway Design**

- Keep the majority of existing curb in place
- Selective narrowing of roadway where existing road is wider than necessary
- Mill and overlay of existing pavement
- Travel lanes: 11'
- Shoulders: 5' (min)

- **Utility Design**

- Provide stormwater treatment
- Coordinate with sewer construction
- Coordinate with water upgrades

- **Sidewalk Design**

- New sidewalks along entire project length
- Mostly standard concrete
- Brick accent pavers at key locations
- Defined crosswalks

- **Streetscape**

- Street lighting
- Landscaping
- Streetscape amenities

Roadway Design

- Narrow roadway and widen sidewalks per Phase 1 Master Study
 - Create additional sidewalk space for pedestrians and businesses
- Maintain current roadway widths
 - Utilize existing curbing and drainage (cost savings)
 - Concerns regarding large trucks and narrow roadways
- Selective roadway narrowing
- Parking Impacts
 - Upper Village (South High Street to Highland Street)
 - Existing: 13 spaces
 - Proposed: 13 spaces (potential for additional 8 spaces)
 - Middle Village (Highland Street to Chase Street)
 - Existing: 40 spaces
 - Proposed: 39 spaces
 - Lower Village (Chase Street to Portland Road)
 - Existing: 19 spaces
 - Proposed: 18 spaces

Utility Design

- Provide stormwater treatment
 - Install advanced tree box filters to treat stormwater runoff before discharging to Stevens Brook.
- Coordinate with sewer construction
 - Cost savings to construct sewer and streetscape improvements at the same time.
- Coordinate with water improvements
 - Bridgton Water District may choose to upgrade components of the water system.

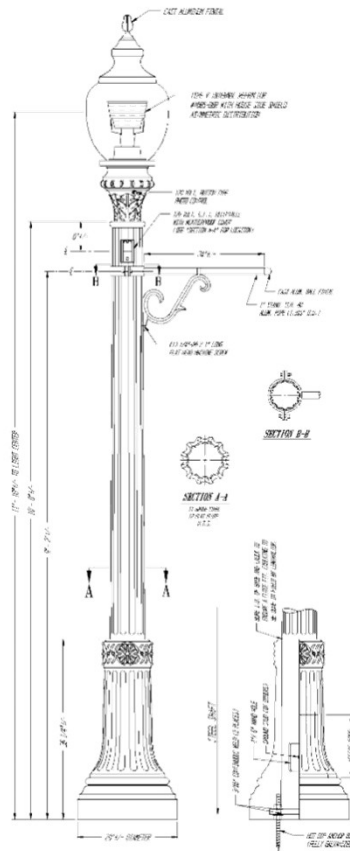
Sidewalk Design

- New sidewalks along entire project length
 - 6' Wide concrete sidewalk (standard)
 - Reduce to 5' at the hill (west end of project)
 - Maintain 4' (min) at utility pole locations
- Defined crosswalks
 - More efficient locations
 - Bump-outs to increase pedestrian safety
 - Decorative stamped asphalt crosswalks
- Sidewalk accents
 - At key locations to break up large amounts of standard concrete

Streetscape Details

- **Street lighting**
 - Install new lighting to match appearance of existing lights.
 - Energy efficient and dark-sky friendly.
 - Improve streetscape feel and aesthetics.
 - Improve pedestrian safety.
- **Landscaping**
 - Install new street trees.
 - Improve streetscape feel and aesthetics.
 - Slow down and enjoy!
- **Streetscape amenities**
 - Take advantage of beautiful setting.
 - Benches, bike racks, litter receptacles.

Streetscape Lighting



Streetscape Plantings



Acer rubrum 'Redpointe'
Red Maple



Gymnocladus dioica
Kentucky Coffeetree



Ulmus americana 'Princeton'
Princeton Elm



Ostrya virginica
Hop Hornbeam



Acer tartaricum 'Hot Wings'
Tartarian Maple



Parrotia persica 'Vanessa'
Persian Ironwood



Syringa reticulata
Lilac tree



Koelreuteria paniculata
Golden Raintree

Streetscape Amenities



Summary

- **Project Goals**

- Reconstruct the failing and non-ADA compliant sidewalks
- Install new, energy-efficient lighting
- Improve safety of corridor for all users.
- Provide an appealing streetscape.
- Stimulate economic investment

- **Major Design Elements**

- Roadway Design
- Utility Design
- Sidewalk Design
- Streetscape

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