



# Main Street Streetscape Improvements

## Board of Selectmen Meeting 10/10/18

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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

# 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 at key locations
- Brick paver 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.

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# 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

# Contact Information

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