Derby Street
Project Updates
Salem, Massachusetts
September 13, 2017
Derby Street Project Objectives

1. Improve complete streets elements on Derby Street
2. Improve sidewalks on finger streets off Derby Street
3. Improve shared use path connections
Derby Street Meeting June 26, 2017

Comments/Concerns

- Sidewalk surface materials – cement concrete vs. brick
- Parking
- Sidestreet vehicle access
- Roadway Dimensions
- Raised Crosswalks/Speed Tables
- Bump Outs
- Signage
- Landscaping/ streetscape
- Utilities
Site Walk July 2017

- Clear signage
- Bump outs
- Sidewalk materials
- Sense of place
- Traffic table at Customs House
- Sidestreet vehicle access
- Proper sightlines
- Illegal parking
- Pedestrian ramps
Stakeholders meeting August 8, 2017

- Brick versus concrete
  - Maintenance
  - Historic character
  - Existing brick on side streets
- Bump outs and possible plantings
  - Who is responsible for maintenance
- Bikes on one-way Derby Street
  - Possible treatments for wrong way riders
- Historic Recognition of Derby Street
- Resident meetings to talk about work along properties
Sitewalk September 2017

- City met with residents on Kosciusko St, Daniels St, Hardy St, Turner St and Carlton Street
  - Feedback on brick header along installed 4 ft sidewalks
  - Roadway paving this year on K St., Daniels and Hardy St.
  - Other design details noted and will be addressed by the City
Derby Street upgrades

Roadway Improvements

➢ New pavement and markings
  • Phase 1: New Derby Street to Orange Street
  • Phase 2: Orange Street to Fort Avenue

➢ Installed interim directional signage
  ➢ Visibility evaluation

➢ Remove sign clutter
  ➢ Traffic
  ➢ Wayfinding

➢ Increased illegal parking enforcement
Derby Street upgrades

**Sidewalk Improvements**
- Update pedestrian ramps
- Install tactile warning panels
- Refresh cross walk locations

**Repairs**
- Widen to 4 ft minimum using bump outs and removing select trees/obstacles
- Reduce severe cross slopes to work towards ADA compliance
Finger Street Sidewalks Reconstruction

Widen to 4 feet, when appropriate
- Side Streets—on one side only
  - Kosciuszko Street, Bentley Street, Becket Avenue
- Remove obstacles in sidewalks
- Evaluate trees

Replace sidewalks in place
- Cement concrete
- Install brick headers on sidewalks
- Keep brick sidewalk locations
- Adjust curbs, as needed
- Drainage evaluation
- Address illegal driveway curb cuts
# Finger Street Sidewalks Reconstruction

<table>
<thead>
<tr>
<th>Locations/ Streets:</th>
<th>Adjust Curbs</th>
<th>Replace Sidewalk</th>
<th>Widen Sidewalk</th>
<th>Remove Obstacles</th>
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Sidewalk material options

- Bump-Out with Planters
- Full Brick Sidewalk
- Trim Band at Light Pole
- Derby Street Trim Band
- Ornamental Street Light
Sidewalk Material Costs

- Cement Concrete Sidewalks: $9.50/sf
- Cement Concrete with brick: $15.00/sf
- Full brick: $30.00/sf

- Based on bid prices from 2017 City sidewalk contractor
- Approximate sf areas for comparison purposes only.
Sidewalk Bump outs

- Custom House
- Daniels Street
- Hardy Street
- White Street
- Blaney Street

Locations determined based on Derby Street width, crosswalk locations and vehicles turning onto side streets
Sidewalk bump outs - Daniels and Hardy St
Sidewalk bump outs - White St and Blaney St
Sidewalk Improvements
Sidewalk Improvements

- New 4' Wide Sidewalk
- Replace Existing Sidewalks with New Cement Concrete (Typical)
- Future Sidewalk Proposed by Footprint
- Existing Cobra Light on Utility Pole (Typ.)
- Enhanced Roadway Crossing
- Improvements at Shared Use Path

Sidewalk Improvements
Historic Recognition of Derby Street

- Medallions added to sidewalk surface
- Similar to McIntire District
- Symbol to be designed in collaboration between NPS/City/Neighborhood
Bicycle Accommodations

On – Road Improvements

➢ Bike lanes will be provided on Derby Street from Washington Street to Orange Street
➢ ‘Share the lane’ will be proposed from Orange Street to Fort Avenue
➢ Enhanced crossings (RRFB) proposed on Derby Street, Fort Ave, and Szetela Lane (2 locations)
On-road bike accommodations

Contraflow

Derby Street minimum width: 25 ft

- Reduce parking stall width to 7 feet
- Reduce travel lane to 11 ft
- Reduce bike lane to 5 ft

- Clear width for emergency access: 16 ft
- Contraflow lane flush to travel lane
Bicycle Accommodations

Off-Road Improvements

➢ From Derby Street through David J. Beattie Park connecting to existing Peter Tracy shared use path
➢ Off road shared use path along Footprint property frontage
➢ Reconstruct Peter Tracy path along Collins Cove from Webb Street to Bentley School
Enhanced Roadway Crossing Locations

- Peter Tracy Multi-Use Path
- Future Pocket Park
- Proposed Rapid Rectangular Flashing Beacon (future)
- Future Shared Use Path Alignment
- Connect to Future Shared Use Path at Derby Street
- Enhanced Pavement Markings at Crosswalk Locations
- Proposed Rapid Rectangular Flashing Beacon (future)
- Enhanced Pavement Markings at Crosswalk Locations
- Bentley Elementary School