



Derby Street

Project Updates

Salem, Massachusetts

September 13, 2017

Project Limits



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

Locations/ Streets:	Adjust Curbs	Replace Sidewalk	Widen Sidewalk	Remove Obstacles
Orange Street	X	X		
Palfrey Court	X	X		
Kosciuszko Street	X	X	X	
Daniels Street	X	X		X
Bentley Street	X	X	X	
Hardy Street	X	X		
Turner Street	X	X		X
Carlton Street	X	X		X
White Street	X	X		
Blaney Street	X	X		
Becket Avenue	X	X	X	
English Street	X	X		X
Webb Street	X	X		

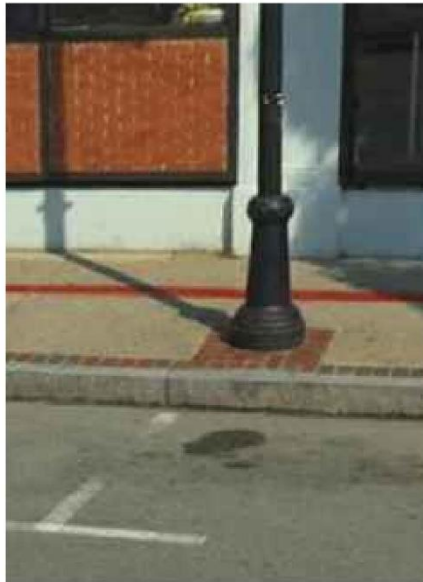
Sidewalk material options



Bump-Out with Planters



Full Brick Sidewalk



Trim Band at Light Pole



Derby Street Trim Band



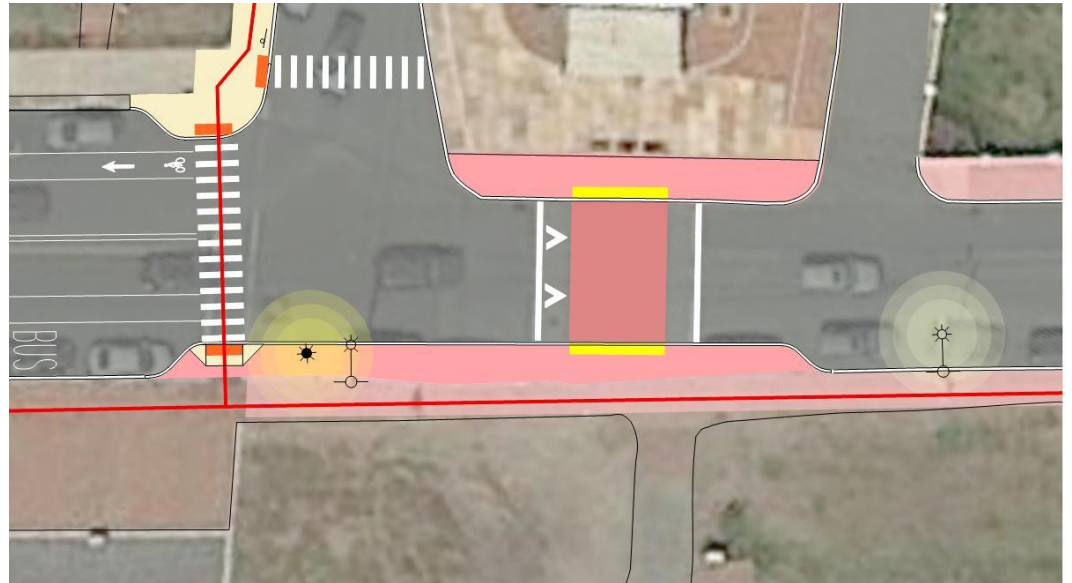
Ornamental Street Light

Sidewalk Material Costs

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Sidewalk Bump outs

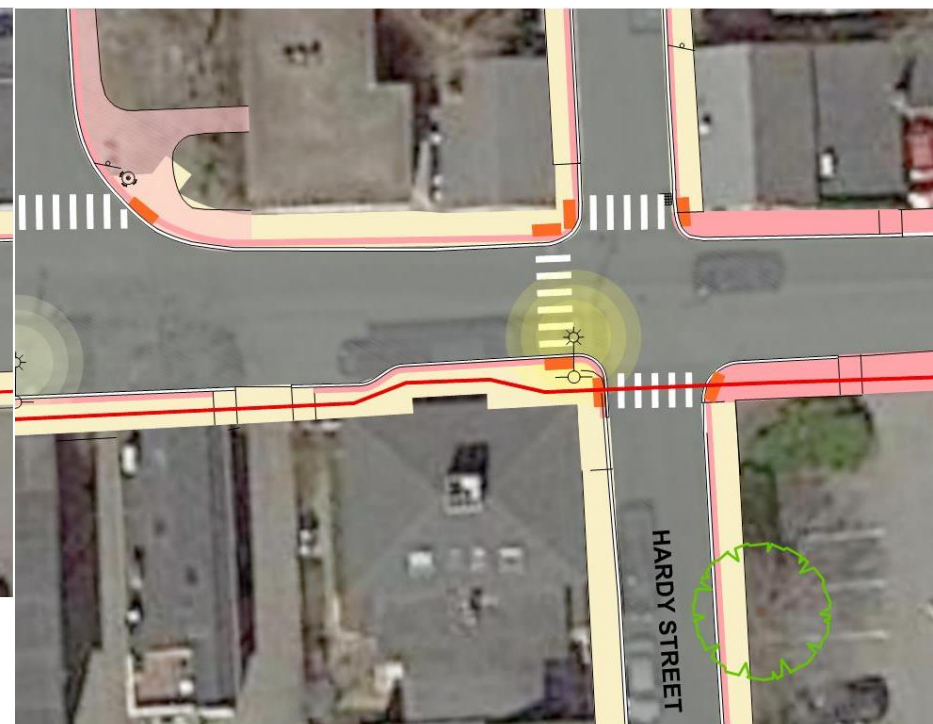
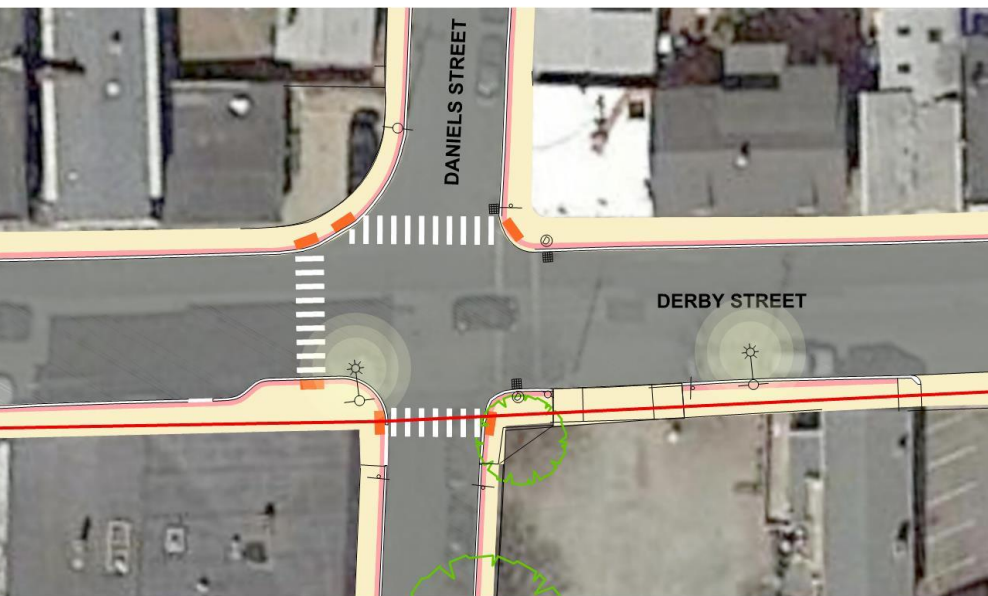
- Custom House
- Daniels Street
- Hardy Street
- White Street
- Blaney Street



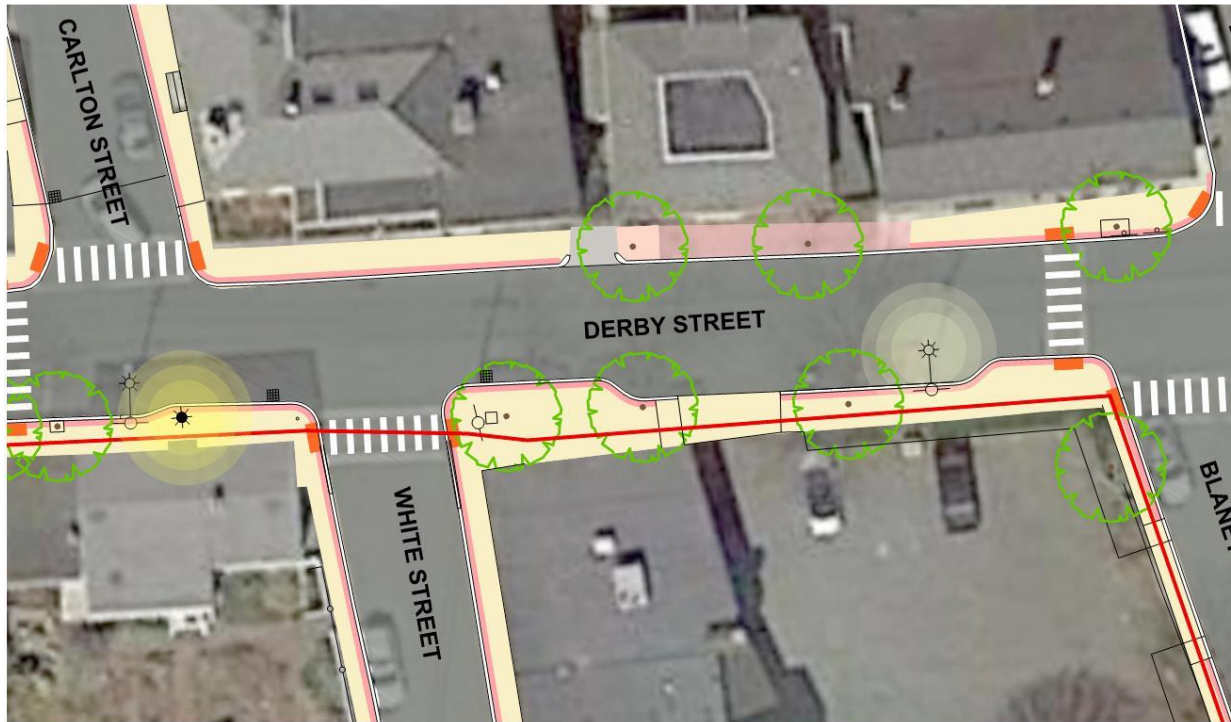
Custom House

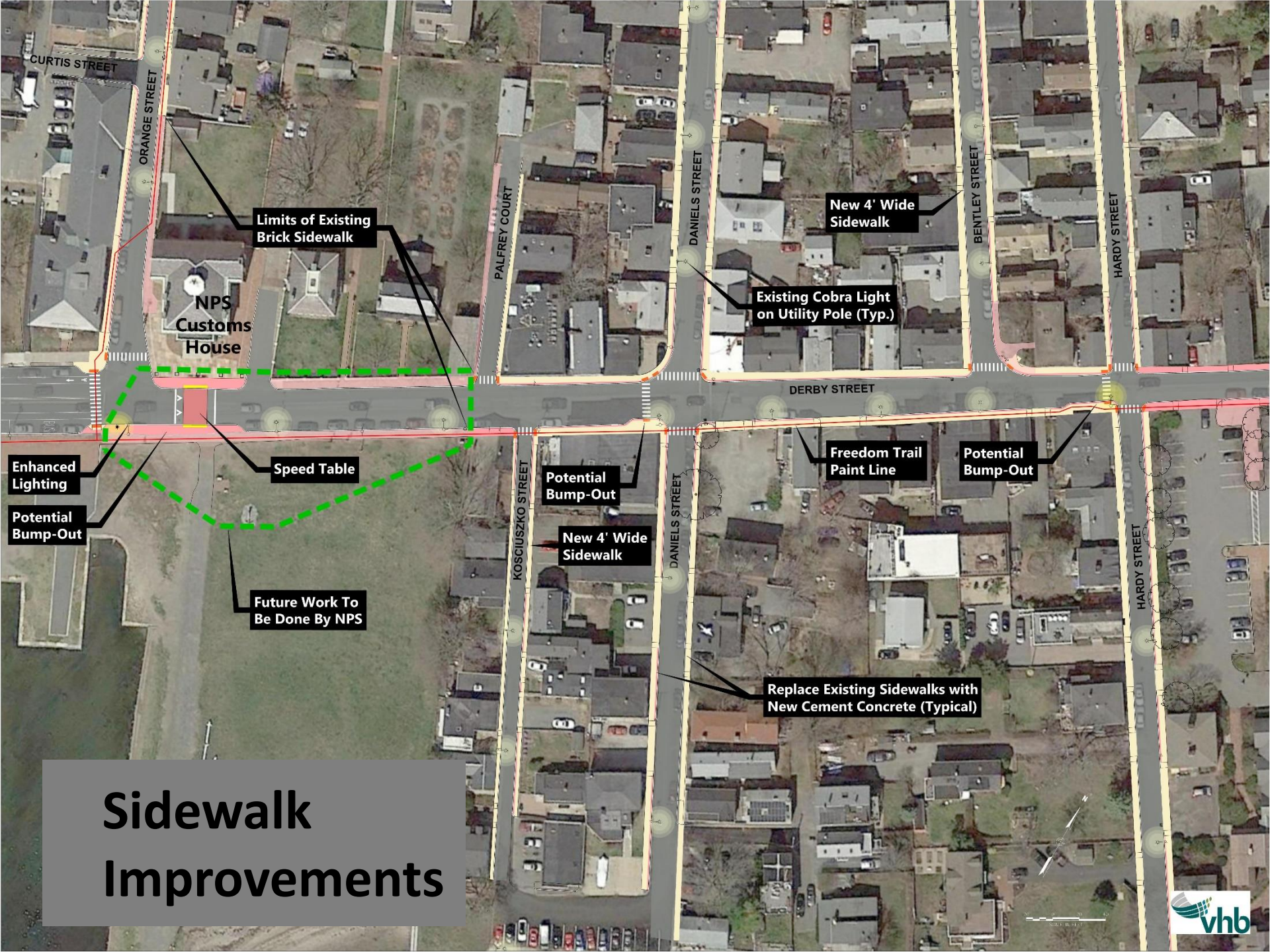
Locations determined based on
Derby Street width, crosswalk
locations and vehicles turning
onto side streets

Sidewalk bump outs - Daniels and Hardy St



Sidewalk bump outs - White St and Blaney St





CURTIS STREET

ORANGE STREET

Limits of Existing
Brick Sidewalk

NPS
Customs
House

PALEFREY COURT

DANIELS STREET

New 4' Wide
Sidewalk

BENTLEY STREET

HARDY STREET

Existing Cobra Light
on Utility Pole (Typ.)

DERBY STREET

Enhanced
Lighting

Speed Table

Potential
Bump-Out

New 4' Wide
Sidewalk

Freedom Trail
Paint Line

Potential
Bump-Out

HARDY STREET

Potential
Bump-Out

Future Work To
Be Done By NPS

KOSCIUSZKO STREET

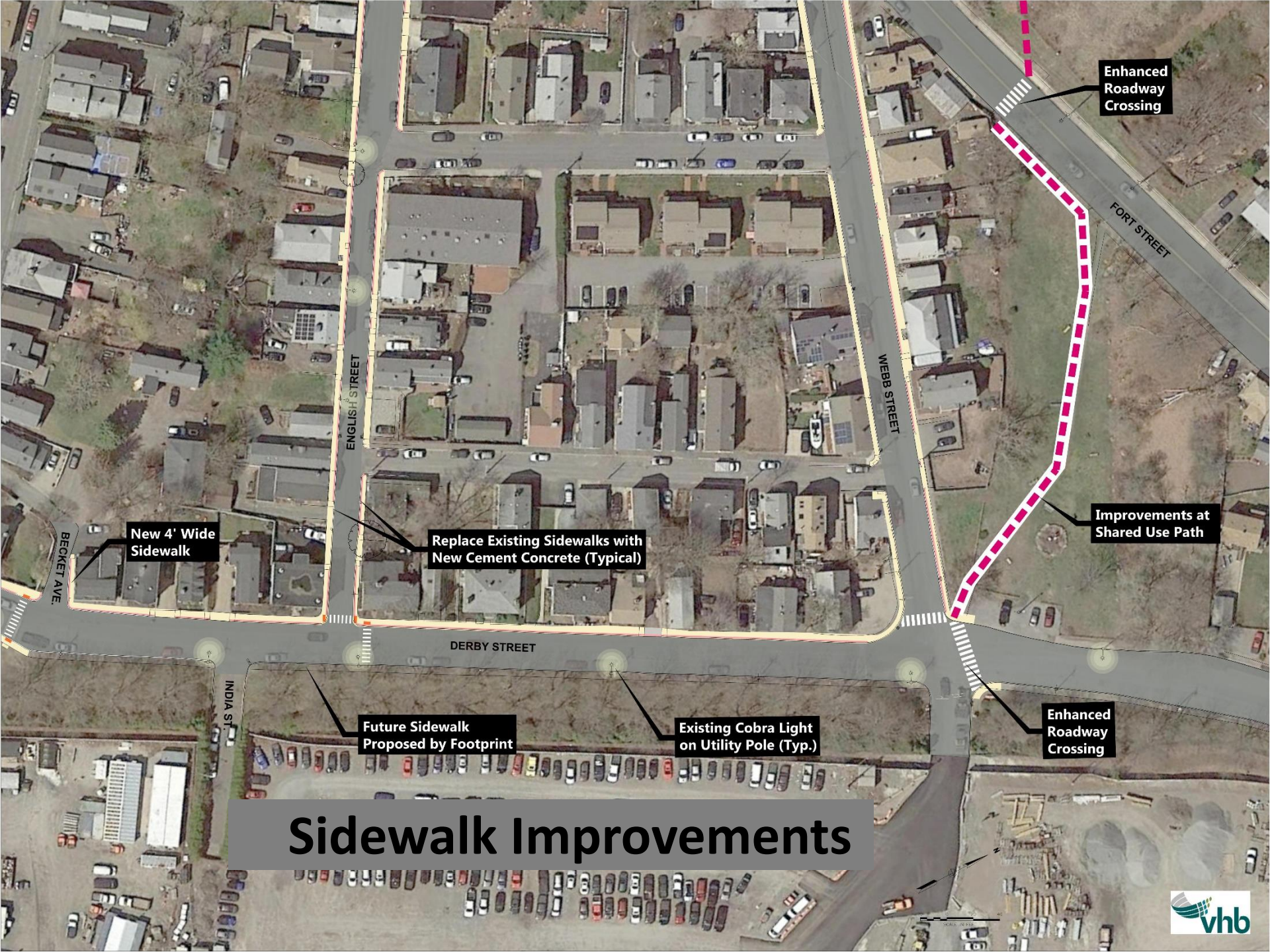
DANIELS STREET

Replace Existing Sidewalks with
New Cement Concrete (Typical)

Sidewalk Improvements



Sidewalk Improvements



Enhanced
Roadway
Crossing

Improvements at
Shared Use Path

Enhanced
Roadway
Crossing

Existing Cobra Light
on Utility Pole (Typ.)

Future Sidewalk
Proposed by Footprint

Replace Existing Sidewalks with
New Cement Concrete (Typical)

New 4' Wide
Sidewalk

Sidewalk Improvements



Custom House view

Carlton at White Street





White Street

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
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- 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

