

Town and County of Nantucket  
**ROADS AND RIGHT OF WAY COMMITTEE**

Meeting of 20 December 2016  
Conference Room of 2 Fairgrounds Road

**DRAFT FOR REVIEW AND APPROVAL**

**1. Call to Order, Approval of the Agenda, Approval of Minutes, and Public Comments.**

A. Chair Allen Reinhard called the meeting to order at 3:01 pm. In attendance were Nelson (Snookie) Eldridge, Leslie Forbes, Nat Lowell, Allen Reinhard, Lee Saperstein, and Stephen Welch (3:18 pm); there was a quorum at all times.

Absent were Bert Ryder and John Stackpole.

Guests: Mike Burns, Transportation Planner (3:21 pm) and Kara Buzanoski, Director, DPW (3:21 pm)

The agenda as distributed was accepted.

B. Public Comment. There was no public comment.

C. Chair's Announcement. Dave Fredericks has resigned from the committee because of potential conflicts of interest due to his consultations with the Town on various roads and way projects.

D. Minutes. The minutes of the meeting of November 15, 2016, were moved for approval by Nat Lowell, seconded by Snookie Eldridge, and approved unanimously.

**2. Chapter 91 Public Access Update and Next Steps.**

Lee Saperstein explained that there had been limited activity on this subject but that he had discovered that the Town received two General Chapter 91 Licenses in 2015. He has asked Jeff Carlson, Natural Resources Coordinator, for more information and Jeff Carlson replied that he would provide more information shortly. It transpired that, during the meeting, he had tried to telephone Lee Saperstein but was only able to leave a voicemail in which much was explained. This additional information will be presented at the next meeting of the Committee.

Lee Saperstein also said that he has asked Jeff Carlson for contact information on Martha's Vineyard and is still looking forward to receiving this information.

Nat asked if we knew of a local attorney who could provide us more information about these licenses. He then suggested Arthur Reade and Kevin Dale as possible resource people, while Eleanor Antonietti in PLUS was mentioned by Leslie Forbes. Nat Lowell recalled that a number of properties on Swains Wharf (Commercial Wharf) were covered by the same sort of general license and, if necessary, we could get a more detailed explanation of them. Lee Saperstein suggested that we might wish to involve Town Counsel before we reach out to private citizens.

Leslie Forbes reminded the group that we had received a question from D. Anne Atherton about the status of a Chapter 91 License for the property northwest of Capaum Pond (3 East Tristram Avenue). Lee Saperstein reported that a search of the Nantucket Registry found Conservation Commission conditions that had been recorded for that property but not a Chapter 91 License. He also said that he had provided this information to D. Anne Atherton.

### **3. Downtown Sidewalk Repair Update.**

Allen Reinhard announced that he had attended a meeting in Town Building, yesterday, December 19<sup>th</sup>, with Town officials and a number of people interested in the state of our downtown sidewalks: Jason Bridges, Mike Burns, Kara Buzanoski, Bob DeCosta, Dave Fredericks, Libby Gibson, Angus MacVicar, Richard Moore, Melissa Murphy, Mickey Rowland, and Charley Walters. They will become an *ad hoc* oversight committee for the sidewalk reconstruction project. He was pleased to suggest that our committee's Sidewalk Survey had led to this comprehensive project. As he was reviewing the information that he had gleaned at this meeting, Director Buzanoski entered the room and was invited to continue the presentation.

She told the committee that reconstruction of the downtown sidewalks will start soon with a detailed survey of the entire project and its individual parcels, each of which will be big enough to constitute a major construction contract. One and one-half million dollar has been budgeted for the coming year and it is expected that an additional one million per year will be budgeted in five or more of the following years. The survey information will go to a consultant designer who will lay out the details for each of the component parts of the project. Mike Burns has made a comprehensive spreadsheet of the areas to be surveyed.

As she discussed the individual component projects, there was substantial interactive discussion with the committee members about concerns they held for access, ease of walking, parking, and paving materials. She said that she wants to start with the Broad Street "Strip," which, because it will have a draft design that can be used as a model for other projects, may make it into a larger and longer project. She noted that the Steamship Authority is talking with Todd Arno about purchase of the property at the corner of Easy Street and Steamboat Wharf but it is not going smoothly. It is probable that the first project will be Main Street, southside, from Fair to Washington Streets. The goal is to be done by summer but this requires that all the elements align smoothly. Easy Street from Broad to Main Streets is equally important. Nat Lowell said that this is the single most important route for visitors. He would like to eliminate parking and widen the sidewalk substantially. Kara Buzanoski agreed that Easy Street is an opportunity for a

tremendous viewing area of the Harbor. Pedestrian crossings in front of and to the side of the Pacific Club are also important; they need to be constructed substantially enough to withstand loads coming from large trucks. Nat Lowell talked about improvements alongside the Nantucket Yacht Club to coincide with construction that they do for a worker dormitory. Kara Buzanoski said that work on Lower Main Street (actually, Straight Wharf) will follow the Harbor Place template but will be one of the later pieces. She said also that the overall objective is to make these key streets “pedestrian friendly.”

Allen Reinhard summarized by saying that the take-away conclusion from the meeting was that sidewalk work is underway and that the Town is very supportive of the project.

Mike Burns put much of this discussion in context by reviewing the written, “Phase I Implementation Strategy, Draft,” with its ten subsets: A-M. He described the strategy as a “play book.” The next meeting of the *ad hoc* committee will be in late January with more detailed plans for each component coming from their designer. Discussion about the Broad Street strip led to further discussion of the concrete wall at the edge of the Steamship’s truck parking area. Several people spoke of its utility as a seat for tourists and pedestrians, particularly if they were eating food purchased there. Stephen Welch suggested that the wall could be dressed up with a facing of stone and a natural looking cap. Kara Buzanoski said that she hoped that the area could be softened with plantings but that they would need to be tolerant of their exposed position and salt incursions from flooding.

The handouts are attached to these minutes.

#### **4. Potential Takings List.**

Allen Reinhard asked if any further action was needed on the Potential Takings List. It was agreed that there was nothing urgent on the horizon but we needed to maintain a watch.

#### **5. BOS letter re: DPW Director.**

Allen Reinhard said that he was saddened to learn of Kara Buzanoski’s impending retirement because she has been so helpful to the two committees that he chairs, this one and the Cemetery Commission. He offered the attached letter of commendation, which has been approved already by the Cemetery Commission, to thank her for her support of the mission of our committee. Leslie Forbes moved its adoption and Snookie Eldridge seconded the motion. It passed unanimously.

#### **6. Old, New or other business.**

A. Access to Historic Coloured Cemetery and Founders Burial Ground. Allen Reinhard reminded the group that he would keep us informed of any changes in access to the historic cemeteries. With the moving of the Anderson and Foundation Buildings on the hospital campus,

work on rearrangement of ways to the Historic Coloured Cemetery will be happening soon. North Mill Street has already been improved into Mill Hill Park and the un-named way leading to the Cemetery is soon to be improved along with some widening for parking. This way is the other end of the existing way into the Cemetery. Work orders have been placed for moving signs and fixing the way. Founders Burial Ground has had some access issues on those ways that cross private land. An easement has been negotiated, from the un-named north-south way leading to the Anglers' Club land, to the cemetery because, otherwise, it was land locked. A longer-range project will be to improve the way on this easement to provide vehicular access to the Cemetery. Allen Reinhard said that he intends to get copy of the plat to show how this could happen.

B. Special Municipal Employee. Allen Reinhard has consulted with Lauren Goldberg, the attorney who made the presentation on the Open Meeting Law, and she said initially said there was no need for this designation; when asked, she did say that she knew of nothing negative if the designation were to be approved. We will discuss this at our next meeting.

## **7. Adjourn.**

Adjournment was accepted unanimously at 4:13 pm.

**The next meeting is scheduled for January 17, 2017, 4:00 p.m., at 2 Fairgrounds Road.**

### **R&ROW Committee Outstanding Projects List:**

#### **Projects Underway and need only oversight until completion**

- Downtown Sidewalk Survey Project
- In Town Bike Path from Washington St. Ext. to Rotary
- Boulevard to Airport road takings, and reconstruction as Public Ways
- Bike path linking Surfside, Hummock Pond & Madaket Bike paths via Mill Hill
- First Way Pedestrian/Bike Access and Road Improvement Safety Project

#### **Projects in need of advancement, completion or encouragement**

- Installation of sidewalk from Prospect St. multi-use path to Upper Vestal Street
- Sconset Footpath install Public Way Monuments
- Chapter 91 Public Access License Enforcement: Harbors Plan Implementation
- Nantucket Open Space Plan Update

#### **Long Term Projects and projects on hold**

- Nantucket Central Railroad Trail Project
- Nantucket Greenway and Footpath System
- East Creek Road viewing platform and CPC grant
- Work with DPW on maintenance plan for public way monuments and trails

- Maintenance Plan for West Chester St. Ext. and Crooked Lane
- Harbor Walk

**Appendix A. Sidewalk Improvement Plan.** Attached as a separate file.

**Appendix B. Letter of Commendation for Kara Buzanoski.** Follows.

DRAFT

**Nantucket Cemetery Commission**  
**Nantucket Roads & ROW Committee**

**December 1, 2016**

Nantucket Board of Selectmen  
Libby Gibson, Town Manager  
16 Broad Street  
Nantucket, MA 02554

I am writing at the request of the Cemetery Commission and the Roads & ROW Committee to express deep thanks for the work and professionalism DPW Director, Kara Buzanoski, has done to advance projects of both groups.

Since being appointed Cemetery Administrator, Kara has been extremely helpful with the development of cemetery regulations, development of forms and procedures to assure accurate and permanent recording of burials within town cemeteries, and oversight of the various accounts the Commission maintains through MUNIS and the Finance Department. She has arranged for survey work and mapping at Newtown and Polpis Cemeteries and arranged for inurnments at Polpis and Newtown Cemeteries and at the Historic Coloured Cemetery as well as arranging and overseeing maintenance of the nine town-controlled cemeteries. Kara has helped develop work plans for the Commissions' Cemetery Improvement Plan to achieve short and long-term improvements at each of the nine cemeteries. Brush clearing, fence repairs and the placement of glacial erratics with each cemetery name to replace the painted plywood signs have been some of the short term improvements Kara has been instrumental in completing.

Kara has also worked closely with the Roads & ROW Committee to advance a number of our long term projects including safety improvements at First Way that have greatly improved safe access to the schools. Kara has overseen the development, resource allocation and implementation of bicycle and pedestrian paths and in-town sidewalks and development of the long awaited taking and improvements to the roadways in Surfside linking the airport to Surfside Road. Kara worked closely with the Surfside Area Association to explain the project, timelines and plans which helped the Association and Town to obtain the voluntary necessary easements from area residents to facilitate the project.

The Cemetery Commission and Roads & ROW Committee are grateful to Kara Buzanoski for her assistance and guidance with these projects and other accomplishments. The purpose of government is to provide services to the community from which its powers are derived. Kara's service to the town through her dedication and leadership in a very demanding position exemplifies town government at its best.

Allen B. Reinhard, Chairman

## **Sidewalk Improvement Plan – Phase 1 Implementation Strategy – DRAFT**

### **1. Project Sponsor, Project Manager (PM), and Responsibility:**

Sponsor – Town of Nantucket

PM – Chuck Larson / Jim Boudreau

Responsibility – oversee procurement, survey, design approval, contract management, construction oversight, scope management, and project closure.

### **2. Justification:**

Plan reference – 2016 Regional Transportation Plan (Section 6.7).

Goal – Offer an array and interconnection of transportation modes to the traveling public.

Objective – Expand and maintain an island wide system of shared-use paths, recreational trails, and sidewalks by seeking funding to repair, modify, and install accessible and obstruction-free sidewalks and paths between the following areas: ferry terminals, downtown public and cultural areas, bike paths adjacent to the downtown area, the Hospital, Schools, and mid-island commercial areas.

### **3. Budget Summary:**

Budget approved – FY 2017 CIP

Budget Amount – \$1,500,000

Org/Object – 02420/97277

### **4. Location and Description of work:**

This project will improve sidewalks along the following ten street subareas (See Exhibit A):

A - Broad St	"Strip" Easy to S. Beach both sides
B - Easy St	East side from Broad St to Still Dock
C - Easy St	East side Still Dock to Main St
D - S Water at Main	East side at the Pacific Club
E - Main St	Both sides from S Water St to Candle/Easy St
F - Straight Wf	North side from Easy St to New Whale St
J - Washington St	Southwest side from Coffin St to Town pier parking lot
K - Main St	South side from Fair to Orange
L - Main St	South side from Orange to Union
M - Main St	South side Union to Washington

Work will include reconstructing or widening of these facilities to address all State (521 CMR – Architectural Access Board) and Federal (ADA) requirements for ramp and crosswalk design, sidewalk cross slope, width, and access to businesses.

### **5. Approval Requirements:**

Conservation Commission – Request for Determination

Design plans – Site Design, Inc. – plans to be reviewed with stakeholder group  
 Subarea construction priority – review with stakeholder group

## 6. General Requirements:

### Accessibility:

- a) Sidewalk: Sidewalks shall be sloped away from buildings to no more than ¼” to foot maximum toward the street with a maximum cross slope of 2%, a maximum running slope of 5%, and a minimum unobstructed width of 36”.
- b) Curb ramps: The width of curb ramps must be rebuilt to a minimum width of 36” with a maximum 8.33% running slope.
- c) Crosswalks: Brick crosswalks must be rebuilt to a minimum width of 6’ with a maximum 2% cross slope and maximum 5% running slope.
- d) Tree Roots: It shall be the responsibility of the Contractor to contact the Town Arborist prior to commencing any work involving tree roots.
- e) All structures, including but not limited to: tree grates, window wells, granite curbing, benches, utility boxes, and manholes, etc should match the elevation of the new brick sidewalk.
- f) Foot traffic in and out of businesses affected by construction shall be maintained at all times.
- g) At the end of each working day, the site is to be cleaned and all equipment, if any, shall be removed off site. No open sand areas shall be left overnight. There shall be no gaps in the brickwork.

### Safety:

- a) It shall be the responsibility of the Contractor to erect all necessary signs, lights and barricades to protect the general public. The Contractor shall obtain the necessary “Street/Sidewalk Blocking Permits” from the Board of Selectmen’s Office.
- b) The Contractor shall be responsible for contacting Dig-Safe at 1-(888)-344-7233 and obtaining a “Dig-Safe” number prior to any excavation work.

### Quality:

- a) All work shall be done in a workman-like manner to the satisfaction of the Director of Public Works or his/her designee.
- b) The contractor shall guarantee his work against defective workmanship for a period of one (1) year.

### Materials:

- a) Bricks: The bricks shall be Stiles and Hart brick (need specification). Dimensions: 3 5/8” x 2 ¼” x 7 5/8, Sidewalk quality or equal. No substitution without prior approval by the Historic District Commission and the Director of Public Works. If requested, a sample of substitution shall be submitted by the Contractor for inspection. Bricks, stone dust, etc. shall be supplied by the Contractor. All materials must be approved by the Director of Public Works, or his designee, prior to installation by the Contractor. It shall be the responsibility of the Contractor to keep a stockpile of approved materials for use under this contract, or be able to obtain same in a timely manner.

- b) All brick removed from project MUST be returned to the DPW yard on Madaket Road at contractor's expense.
- c) Bricks should be delivered to construction site as needed. New Bricks may be stockpiled at the DPW yard on Madaket Road.
- d) No overnight storage of bricks on site

**Utilities:**

- a) It shall be the responsibility of the Contractor to contact all utility companies having underground services in any area affected by this work.
- b) Drainage pipes, roof leaders, utility lines etc underneath the existing sidewalk should be kept in place and may be lowered in elevation if needed.
- c) All utilities shall be located and marked by Dig Safe. (888-DIG-SAFE)

**Traffic Control:**

- a) If the nature of the specified work will disrupt normal traffic flow, it is the responsibility of the Contractor to therefore provide at least one third party detail, signs and traffic control devices as required by the Chief of Police, or his designee, to maintain traffic flow through the work area. Every attempt shall be made by the Contractor to keep at least one lane of the street open for vehicular traffic. In all cases, the Contractor must obtain a Street Blocking Permit at least twenty-four (24) hours in advance of such closure and to provide signs designating detour routes approved by the Director of Public Works or his designee.

**7. Schedule summary (for discussion):**

## December 2016:

- December 19<sup>th</sup> – Stakeholder review of description of work and schedule
- By end of December – Initiate survey and design of all subareas.

## January 2017:

- January 24<sup>th</sup> – Stakeholder review of design for phases 1K,L,M (south side of Main St), conceptual design for phases 1A,B,C,D,E,F,J,K (all other subarea phases)
- By end of January – Develop strategy for easement acquisitions for phase 1A,B,J
- By end of January – Request for Determination to ConCom for phases 1A,B,C,F,J

## February 2017:

- By mid-February – Final stakeholder review of design for phases 1A,B,C,D,E,F,J
- By mid-February – Bid construction for phases 1K,L,M
- By end of February – Award contract for phases 1K,L,M

## March 2017:

- By mid-March – Start reconstruction of phases 1K,L,M
- By mid-March – prioritize construction of phases 1A,B,C,D,E,F,J
- By mid-March – Bid construction of prioritized phases of 1A,B,C,D,E,F,J
- By end of March – Easement acquisition for phases 1A,B,J

April 2017:

- By mid-April – Award contract for prioritized phases 1A,B,C,D,E,F,J
- By end of April – Complete reconstruction of phases 1K,L,M
- By end of April – start construction of prioritized phases 1A,B,C,D,E,F,J

May 2017:

- By end of May – Finalize construction of prioritized phases 1A,B,C,D,E,F,J

June 2017:

- By mid-June – Identify phases to start construction after Labor Day

**8. Stakeholder list:**

Board of Selectmen

Town Administration (and Dave Fredericks)

DPW

Planning

Police

Commission on Disabilities

Town Association

Culture and Tourism

Roads and Right of Way

Steamship Authority – Phase 1A – Broad Street (north side rebuild, south side widening)

Chamber of Commerce

Alan Bell

Utilities

EXHIBIT A: PHASE 1 SIDEWALK SCOPE OF SERVICES

Phase	Street	From/To	Area Widened (New) SQFT	Area Rebuild SQFT	Curbing	Curbing R&R Length FT	Material	Trees / Roots	ADA	ConCom	Utilities / Guy Wires	Basement Access	ROW / Easements	Survey	Design	Comments
1A	Broad St	"Strip" Easy to S. Beach both sides	864	2517	Granite - R&R south side	267	Brick	Yes - trees on north side	Ramps at ____	Yes	Yes	No	No	Yes FH 12/2/16	Yes	Needs extensive discussion after design
1B	Easy St	Broad St to Still Dock	450	911	Granite - R&R	184	Brick	No	Widen, Ramps at ____	Yes	?	No	Yes - License from LB	Yes FH 12/2/16	Yes	Lose 4 pkg sp
1C	Easy St	Still Dock to Main St	650	595	Granite - R&R	93	Brick	No	Widen, Ramps at ____	Yes	?	Yes	No	Yes FH 12/2/16	Yes	Fast Ferry & teams bus stop
1D	S Water at Main	Pacific Club	246	336	Granite - R&R+New	179	Brick	Yes	Ramps at ____	No	?	No	No	Yes FH 12/2/16	Yes	Widen, create gathering area, remove pipe fence & granit fountain
1E	Main St	Candle/Easy intersection	1112	1360	Granite - R&R	135	Brick	Yes - trees on south side	Ramps at ____	No	?	No	No	Yes FH 12/2/16	No, R&R from survey plan	Can be done w/i FY17 Paving contract
1F	Straight Wf		846	2091	Granite - R&R	407	Brick, slate at Macys Bldg	Yes - trees on north side	Ramps at ____	Yes	?	No	No	Yes FH 12/2/16	Yes	Use Harbor place proposed design
1J	Washington St	Coffin St to Town pier pkg lot	610	1096	Granite	0	Brick	No	Ramp at Coffin St	No	Yes - poles in sidewalk	No	Yes - for widening	Yes FH 12/2/16	No	DPW to do by removing vegetation encroachments
1K	Main St South side	Fair to Orange	0	1745	Possible R&R	154	Brick	Yes	Ramps at ____, access to businesses, cross section slope	No	?	No	No	Yes FH 12/2/16	No, put out to bid R&R only	Put out 1K & 1L as one project
1L	Main St South Side	Orange to Union	0	5846	Possible R&R	376	Brick	Yes	Ramps at ____, access to businesses, cross slope	No	Yes	Yes	No	Yes FH 12/2/16	No, put out to bid R&R only	Put out 1K & 1L as one project
1M	Main St South Side	Union to Washington	0	573		67										

12/14/2016

Transportation Plan Objective for Priority Areas:  
 3.2.2.1. Expand and maintain an island wide system of shared-use paths, recreational trails, and sidewalks by seeking funding to repair, modify, and install accessible and obstruction-free sidewalks and paths between the following areas:

- + Ferry terminals
- + Downtown public and cultural areas
- + Bike paths adjacent to the downtown area
- + Hospital
- + Schools
- + Mid-island commercial areas.



 Points of Interest

**FY17 Sidewalk Improvements**

-  PH1 (FY17) - Widening (11,052 sqft)
-  PH1 (FY17) - Rebuild (19,681 sqft)
-  PH2 (FY18) - Rebuild (27,063 sqft)
-  Future Phase - New Additions
-  Future Phase - Widening
-  Future Phase - Rebuild
-  Crosswalk

# Sidewalk Improvements - Phase 1A

## Type of Work

-  Rebuild Existing Sidewalk
-  Widen Existing / Add Sidewalk
-  Existing Crosswalk



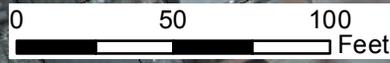
Broad Street Proposed Cross Section:  
Travel Lane - 16 FT (19-20 FT Existing)  
Parking Lane - 9 FT

Widen Corner  
(easement needed)

3-4 FT Widening of Existing Sidewalk

2,517

864



# Sidewalk Improvements - Phase 1B

## Phase, Type

- Bulkhead Replacement, Rebuild
- Phase 1B, Widening
- Phase 1B, Rebuild
- Existing Crosswalk



Easy Street Proposed Cross Section:  
Travel Lane - 16 FT (16 FT Existing)

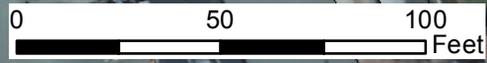
3-4 FT Widening of Existing Sidewalk

9 FT Widening of Existing Sidewalk

BULKHEAD REPLACEMENT PROJECT AREA

Easy Street Proposed Cross Section:  
Travel Lane - 19 FT (24 FT Existing)

6 FT Widening of Existing Sidewalk



# Sidewalk Improvements - Phase 1C

## Type of Work

-  Rebuild Existing Sidewalk
-  Widen Existing / Add Sidewalk
-  Existing Crosswalk



3-4 FT Widening of Existing Sidewalk

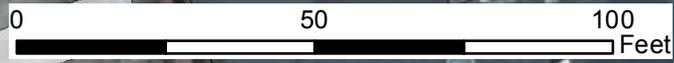
650 595

Easy Street Proposed Cross Section:  
Travel Lane - 16 FT (19-20 FT Existing)

5 FT Widening of Sidewalk on Roadway Side  
(New Widened Sidewalk Flush with Road  
to Accomodate Bus Parking)

Easy Street Proposed Cross Section:  
Travel Lane - 19 FT (24 FT Existing)

Straight Wharf



# Sidewalk Improvements - Phase 1D

## Type of Work

-  Rebuild Existing Sidewalk
-  Widen Existing / Add Sidewalk
-  Existing Crosswalk



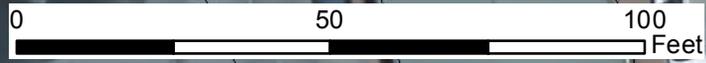
South Water Street

South Water Street Cross Section:  
Travel Lane - 24 FT (28 FT Existing)

336  
246

Widening on Roadway Side

Main Street



# Sidewalk Improvements - Phase 1E

## Type of Work

-  Rebuild Existing Sidewalk
-  Widen Existing / Add Sidewalk
-  Existing Crosswalk

Phase 1E Widening to Conform with Phase 1D Widening

5 FT Widening of Sidewalk on Roadway Side

Main Street Proposed Cross Section:  
Travel Lane - 18 FT (28 FT Existing)  
Parking Lane - 9 FT (Unchanged)

1,112  
1,360

Main Street

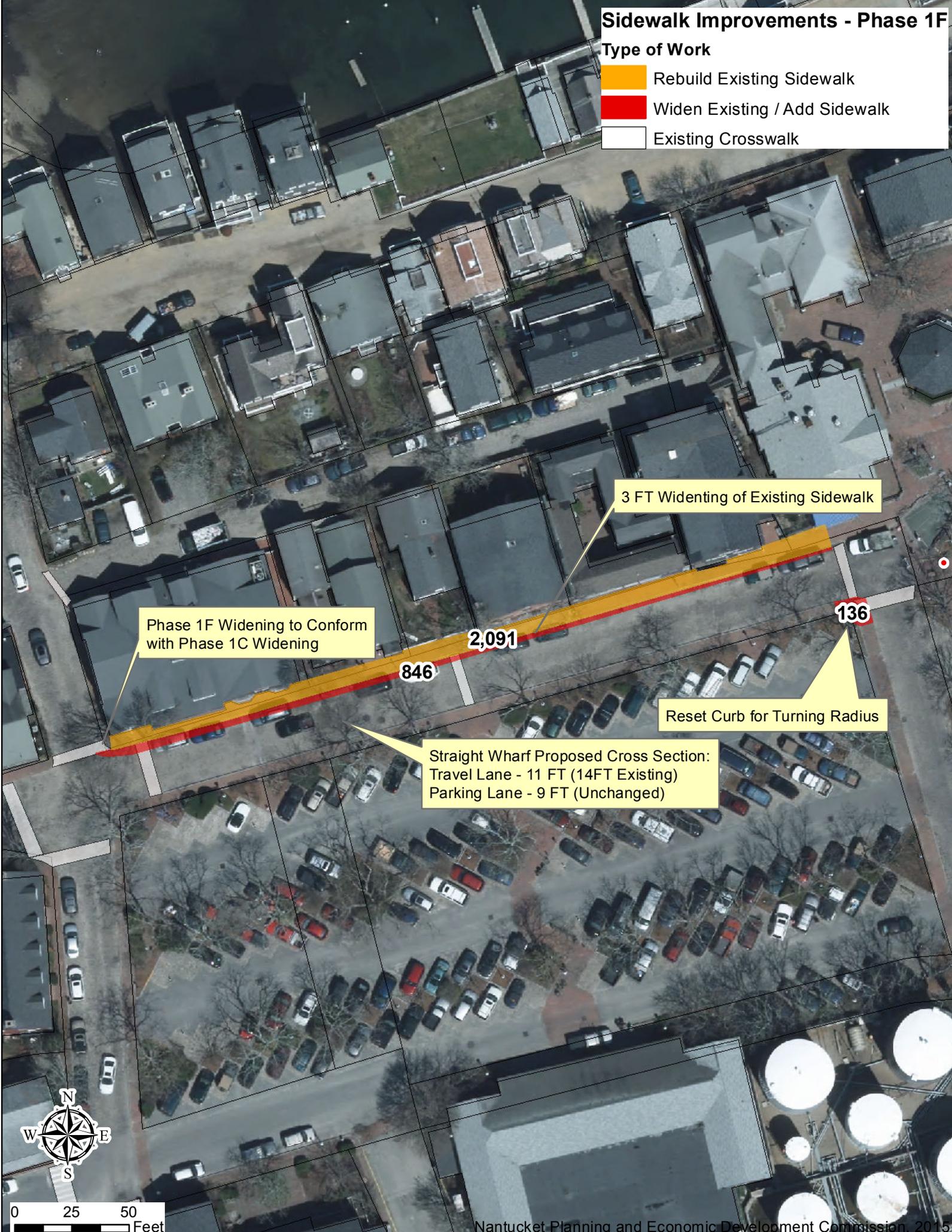
Candle Street

Washington Street



# Sidewalk Improvements - Phase 1F

- Type of Work
-  Rebuild Existing Sidewalk
  -  Widen Existing / Add Sidewalk
  -  Existing Crosswalk

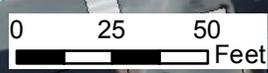


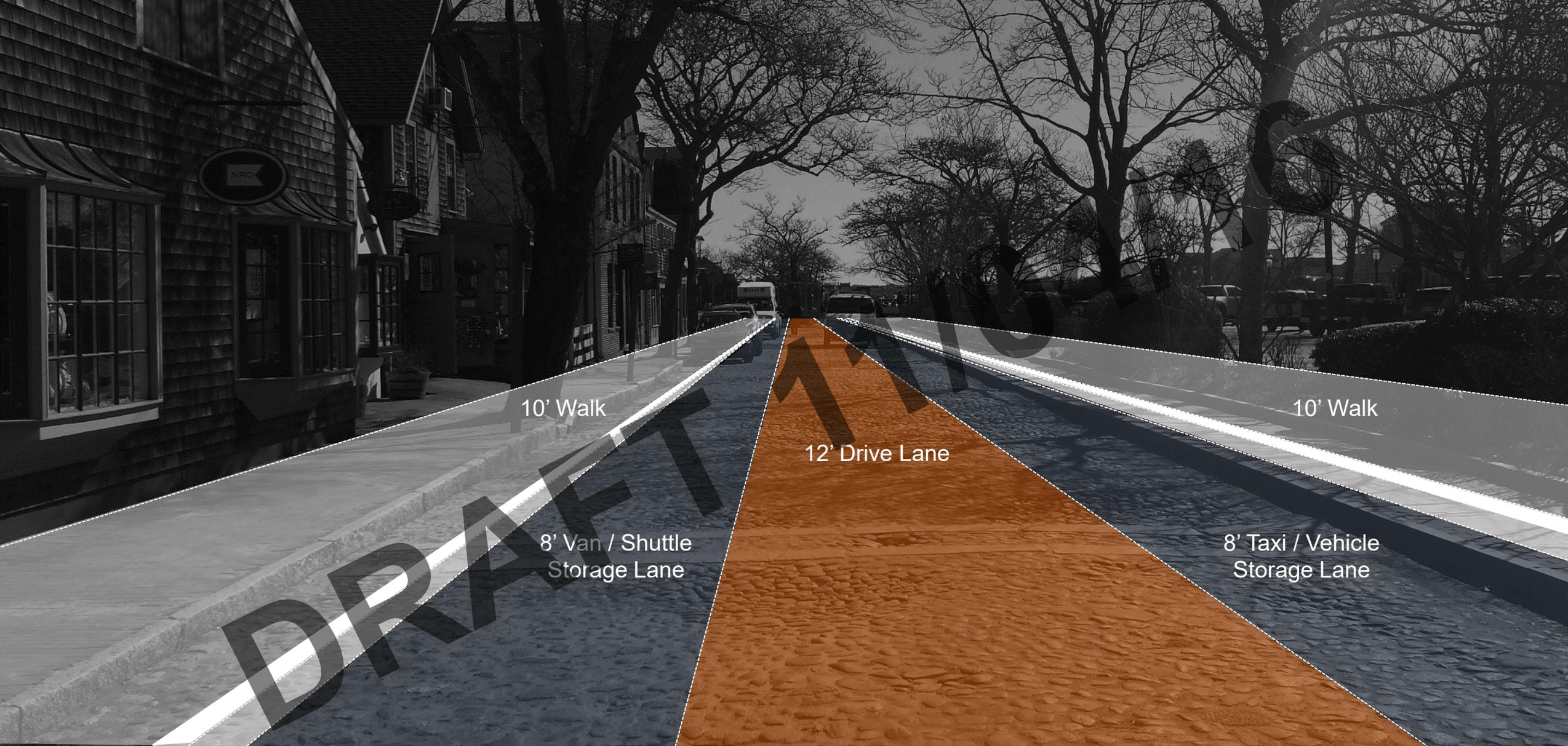
Phase 1F Widening to Conform with Phase 1C Widening

3 FT Widening of Existing Sidewalk

Reset Curb for Turning Radius

Straight Wharf Proposed Cross Section:  
Travel Lane - 11 FT (14FT Existing)  
Parking Lane - 9 FT (Unchanged)





10' Walk

10' Walk

12' Drive Lane

8' Van / Shuttle  
Storage Lane

8' Taxi / Vehicle  
Storage Lane

DRAFT

## HARBOR PLACE

A New Vision for the Nantucket Waterfront: Streetscape & Pedestrian Improvements

November 09, 2016

# Sidewalk Improvements - Phase 1G

## Type of Work

-  Rebuild Existing
-  Modify Sidewalk / Widen Roadway
-  Existing Crosswalk

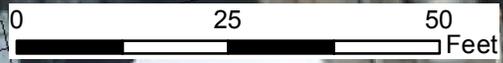
225

Rebuild Crosswalk Ramps to Reduce Grade Change

3 FT Roadway Widening for Pick Up / Drop Off Lane (reset curbing / remove landscaping)

295

New Whale St Proposed Cross Section:  
Travel Lane - 14 FT (20 FT Existing)  
Pick up/Drop Off Lane - 9 FT (No Lane Exists)



# Sidewalk Improvements - Phase 1H

## Type of Work

 Rebuild Existing Sidewalk

 Widen Existing / Add Sidewalk

Widen on Property Side  
(Change Material to Brick)  
(Easement needed)

1,359

284



0 25 50 Feet

# Sidewalk Improvements - Phase 1I

## Type of Work

-  Rebuild Existing Sidewalk
-  Widen Existing / Add Sidewalk
-  Existing Crosswalk

258

Candle Street

1,477

Washington Street

Widen / Add 5FT Wide Sidewalk in Public Way  
(sidewalk curbing with 3-4" vertical reveal)

Candle Street Proposed Cross Section:  
Travel Lane - 11 FT (16 FT Existing)  
Parking Lane - 9 FT



# Sidewalk Improvements - Phase 1J

## Type of Work

-  Rebuild Existing Sidewalk
-  Widen Existing / Add Sidewalk
-  Existing Crosswalk

3 FT Widening on Property Side  
(will require easements)

Verify Permitting Needs with ConCom

610  
1,096



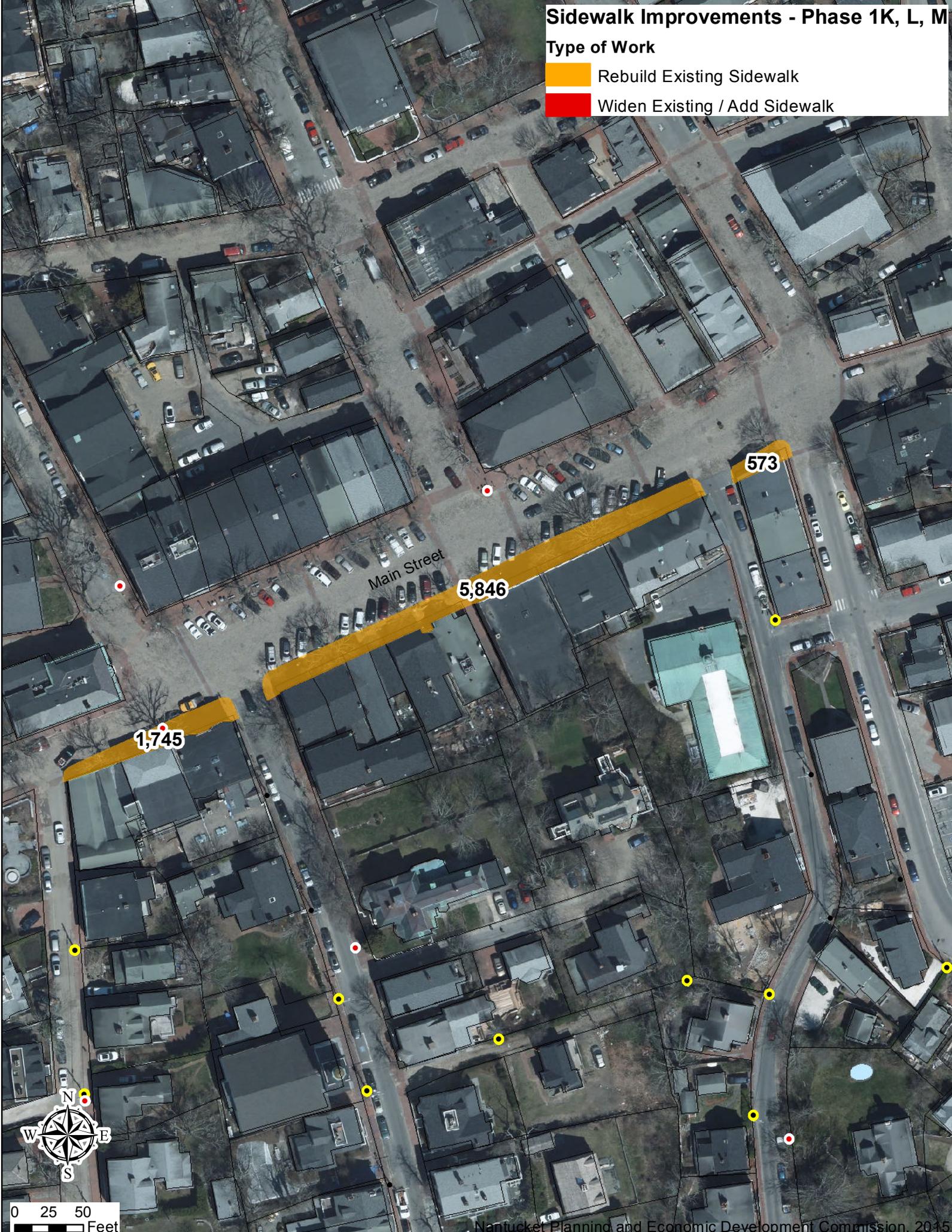
0 25 50 Feet

# Sidewalk Improvements - Phase 1K, L, M

## Type of Work

 Rebuild Existing Sidewalk

 Widen Existing / Add Sidewalk



Main Street

1,745

5,846

573



# Sidewalk Improvements - Stand Alone Projects

## Type of Work

 Rebuild Existing Sidewalk

 Widen Existing / Add Sidewalk

1,810

Sidewalk Widening by Others

Main Street

9FT Widening of Existing 4 FT Sidewalk

Part of Bulk Head Project

Remove On-Street Parking  
Maintain 16 FT Travel Lane

1,379

Easy Street Proposed Cross Section:  
Travel Lane - 16 FT (No Change)

Remove On-Street Parking  
9 FT Widening of Existing Sidewalk

1,775



0 25 50  
Feet