

Fairhaven 40R Planning Working Group Meeting #2 October 5, 2022



Fairhaven
Massachusetts

DODSON & FLINKER
Landscape Architecture and Planning



Agenda

Time	Topic
4:30 PM	Welcome
4:35 PM	Workshop Planning
4:45 PM	Continue Shared Fact-Finding about the Study Area
5:15 PM	Small Group Activities: Map Activities and Discussion
6:00 PM	Report back-Results of Small Group Work
6:25 PM	Closing thoughts, next steps

INTRODUCTION TO PROJECT

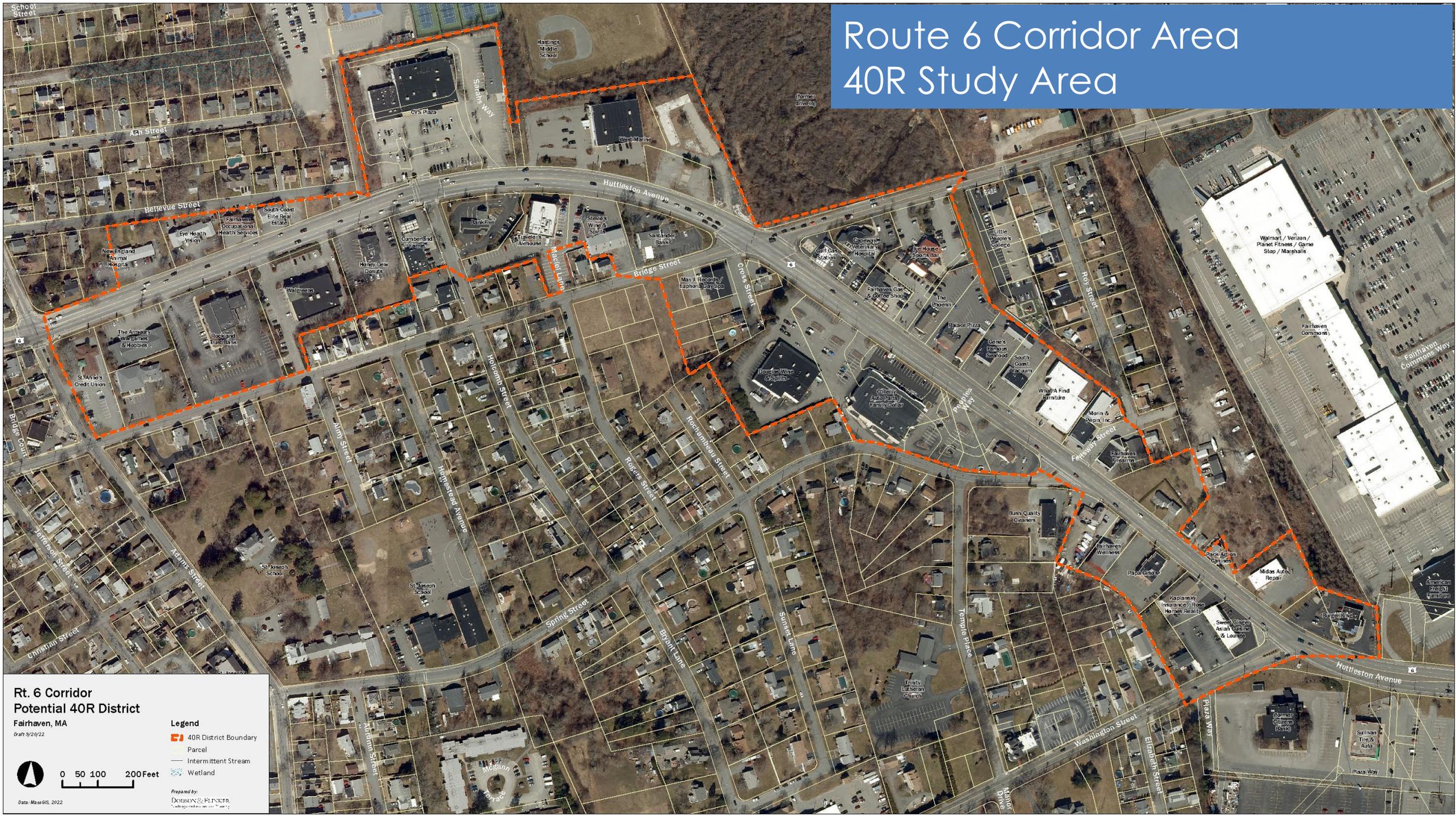
Working Group Process

- The Town is developing 40R Overlay Districts for several areas
- The Working Group Process will help develop a vision for the study area
 - How can the area best serve the town's needs and goals?
 - What kind of changes are desirable (types of development, transportation improvements, open space improvements, etc.)?
 - What are appropriate densities and design characteristics for various sub-areas?
 - District and sub-district boundaries, streets, building types/sizes, open spaces, etc.
 - The Vision will shape the 40R zoning and its design guidelines/standards
 - The Vision may also reveal other implementation actions. For example, necessary transportation improvements, open space improvements, programming, changes to base zoning.
- Following the Working Group Process, the Consultant Team will draft the 40R Overlay Zoning and the design guidelines/standards (Phase 2)

Route 6/240 Plaza Area 40R Study Area



Route 6 Corridor Area 40R Study Area

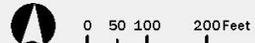


**Rt. 6 Corridor
Potential 40R District**

Fairhaven, MA

Draft 8/29/22

- Legend**
- 40R District Boundary
 - Parcel
 - Intermittent Stream
 - Wetland



Prepared by:
Douglas & Blakely

Route 6 Areas viewed from north



Waterfront-Main/Middle 40R Study Area



Waterfront
Potential 40R District
Eastham, MA

Legend

- Waterfront boundary
- Water

**FAIRHAVEN 40R DISTRICT
PLANNING WORKSHOP (11/4-11/5)**

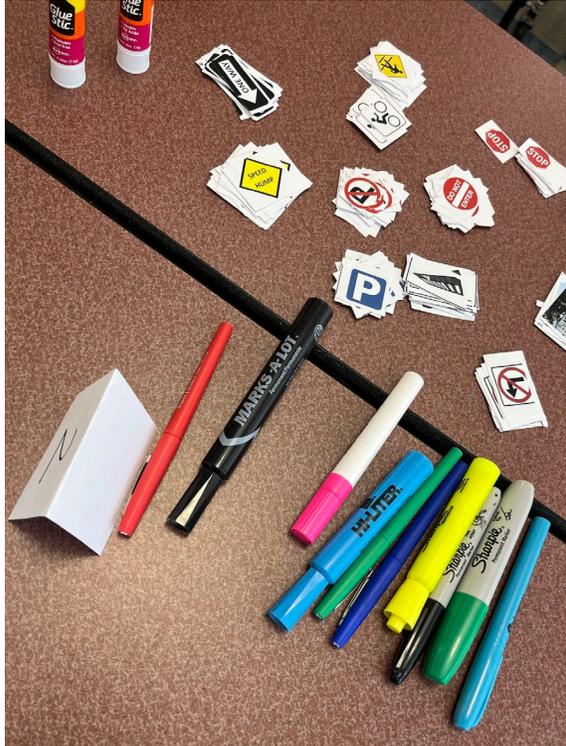
Friday Afternoon—Walking/Driving Workshop



Friday Night—Listening Workshop



Saturday Morning—Visioning Workshop Stations



Friday, November 4, 2022

Site Tour, 3-4:30 PM

Meet at: [to be determined]

3:00-4:30PM Driving Tour—Waterfront, Route 6 Corridor, Route 6/240 Plaza Area

Listening Workshop, 5:30-8:00 PM

Location: Town Hall Auditorium

5:30 PM **Get food** and get settled. Eat during welcome and presentation.

6:00 PM **Welcome** (by local official)

6:05 PM **Introduction to the Project.** Presentation of existing conditions in the study area, intro to visioning process, the evening's agenda.

6:30 PM **Small Group Discussion**

Break into small groups to discuss strengths, weaknesses, and opportunities and trends in the study areas. Each group will have a base map and markers to note responses to questions.

7:30 PM **Report Back/Large Group Discussion**

- Groups present summary of key issues and opportunities (using maps and notes).
 - Facilitated discussion to identify top strengths to build on, issues to address, and opportunities to pursue, etc.
-

7:55 PM **Closing Thoughts** and reminder to attend next day

8:00 PM **End**

Saturday, November 5, 2022

Visioning Workshop, 9AM-12PM

Location: Town Hall Auditorium

9:00 AM **Welcome**

9:10 AM **Presentation**

9:40 AM **Small Group Design Exercises**

4 Stations for 20 minutes each. Plus 10 minutes for transition time.

1. Design Strategies for Development (Visual Preference Survey)

Participants put green or red dots on images of buildings/land uses that they think are appropriate (green dot) or inappropriate (red dot) for the study areas. Then discuss the results.

2. Diagramming Improvements: Development, Streets, Parking, Open Space, Trails, Placemaking

Participants work with a facilitator to mark up a map of the study areas with ideas for improvements and to prioritize which will be most important for the future.

3. Modeling 1, Waterfront: Using a 1"=40' scale model of the Waterfront study area, participants work with a designer to explore opportunities for infill development, street, parking, open space, and pedestrian improvements, etc. After each group finishes, the resulting model and/or sketches are photographed for final presentation.

4. Modeling 2, Route 6/240 Plaza Area: Using a 1"=40' scale model of the area around the Route 6/240 intersection, participants work with a designer to explore opportunities for infill development, street, parking, open space, and pedestrian improvements, etc. After each group finishes, the resulting model and/or sketches are photographed for final presentation.

Saturday, November 5, 2022

Visioning Workshop, 9AM-12PM

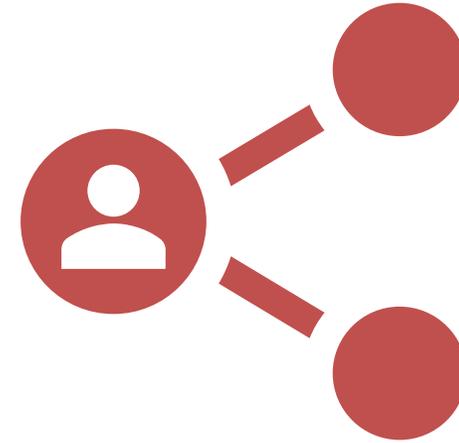
Location: Town Hall Auditorium

11:10 AM	Results of Design Exercises Facilitators (with assistance from local participants) present the results from each of the stations.
11:30 AM	Group Discussion —key themes and ideas from the workshop
11:55 AM	Closing Comments
12:00 PM	End

Working Group's Role

Promote the Workshop

- Talk to friends, neighbors, people you run into
- Post on social media
- Promote through email lists



Attend the Workshop

- Pay special attention to listening



SHARED FACT-FINDING

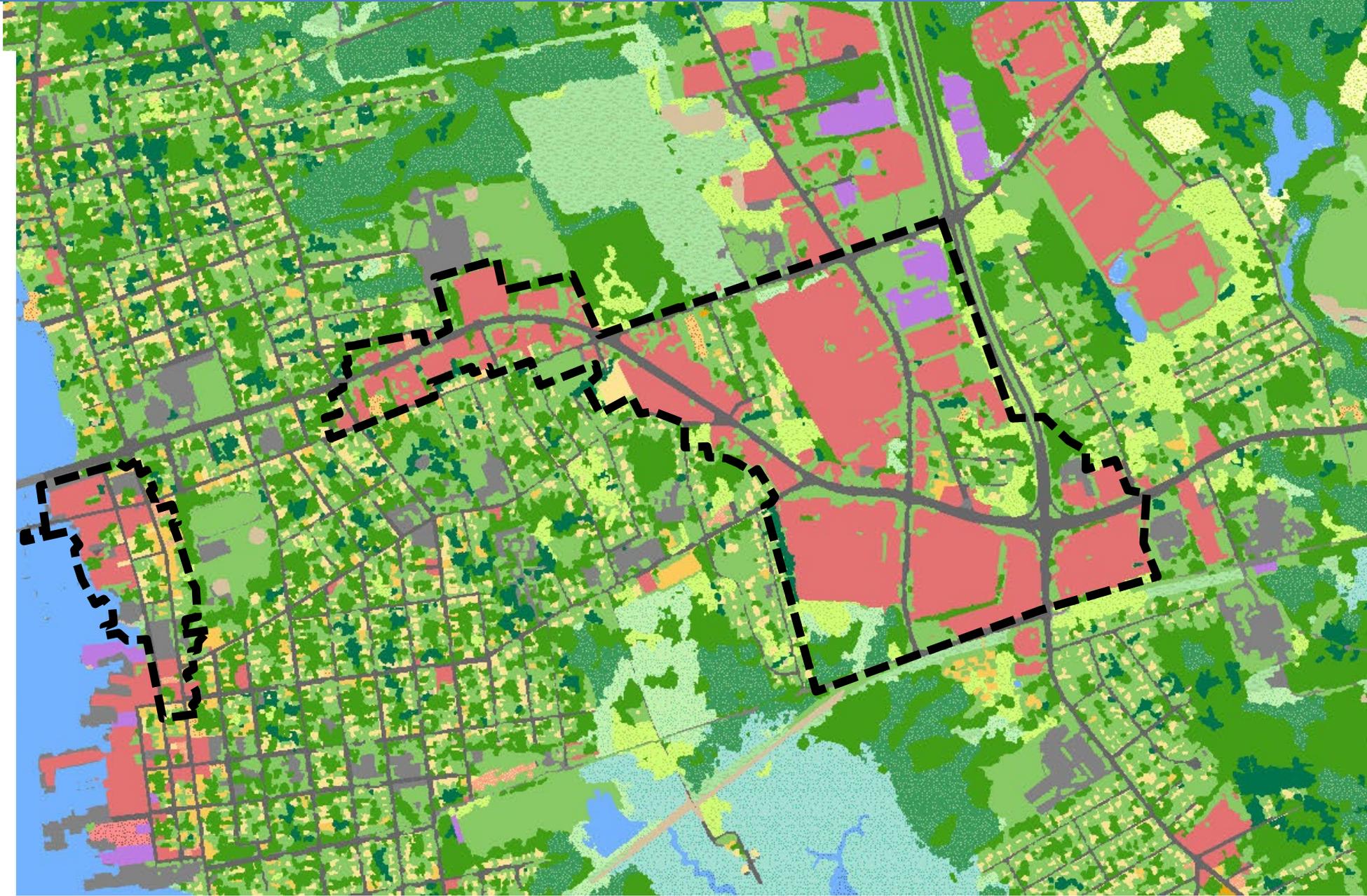
Shared Fact Finding Discussion Topics

- What are the key questions that need to be answered to make decisions about the vision for the study area?
- How much do we need to know in order to find a consensus?
- What are the study areas' key strengths, weaknesses, opportunities, and threats?

Land Cover-Land Use

Legend

- Residential - Single Family
- Residential - Multi-Family
- Residential - Other
- Commercial
- Industrial
- Mixed Use - Primarily Residential
- Mixed Use - Primarily Commercial
- Mixed Use - Other
- Other Impervious
- Right-of-way
- Cultivated
- Pasture, Hay
- Developed Open Space
- Deciduous Forest
- Evergreen Forest
- Grassland
- Scrub/Shrub
- Bare Land
- Forested Wetland
- Non-forested Wetland
- Saltwater Wetland
- Water
- Unconsolidated Shore
- Aquatic Bed



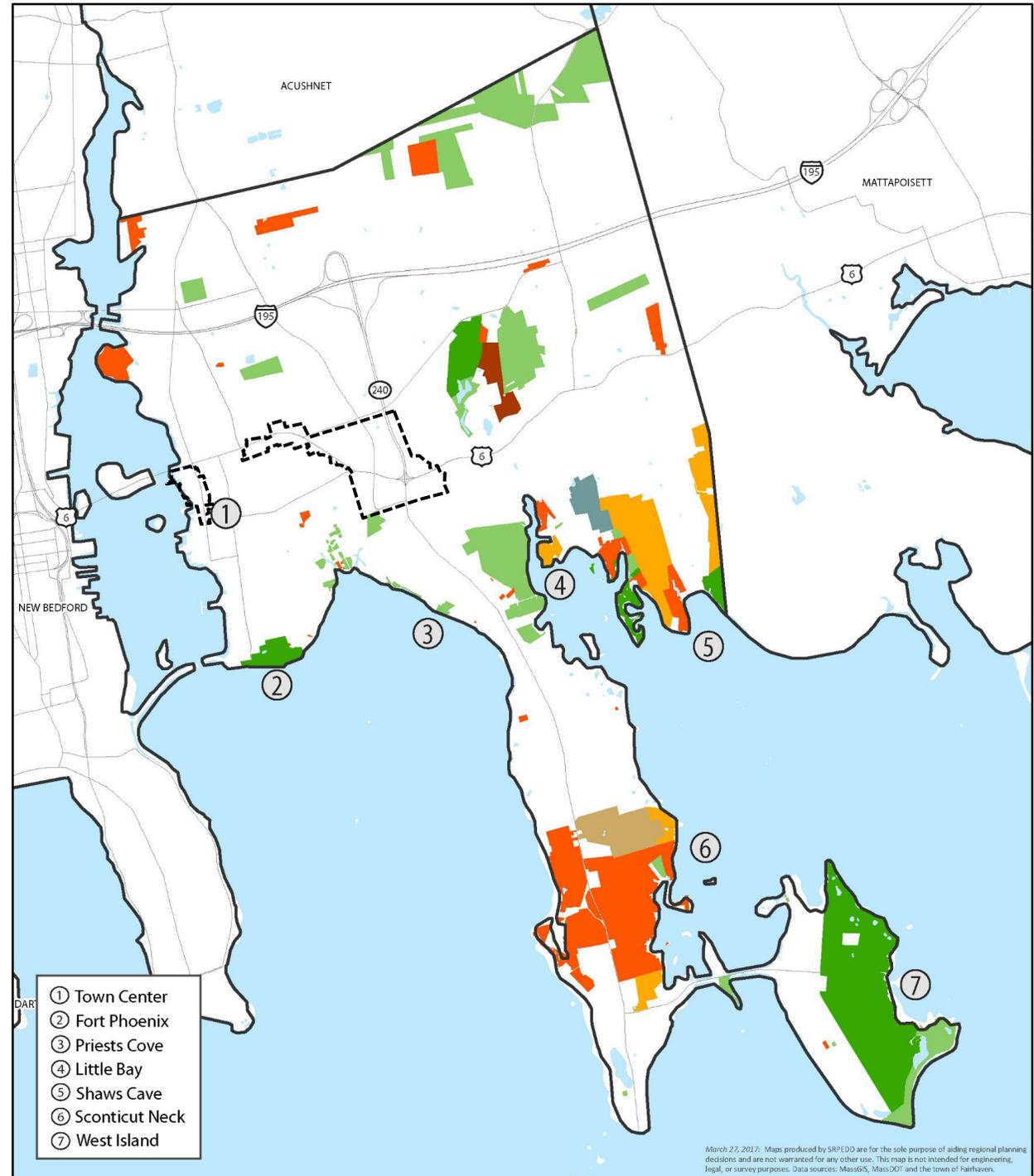
Open Space and Scenic Resources

Source: Fairhaven Open Space and Recreation Plan, 2017-2024

Legend

- Protected State & Federal Lands
- Protected Municipal Lands
- Agricultural Preservation Restriction
- Municipal Conservation Restriction
- Land Trust Properties
- Land Trust Conservation Restriction (CR)
- Land Trust/Municipal Conservation Rest
- Municipal Boundaries
- Interstates
- Arterials and Collectors
- Local Roads

1 mile



- ① Town Center
- ② Fort Phoenix
- ③ Priests Cove
- ④ Little Bay
- ⑤ Shaws Cave
- ⑥ Sconticut Neck
- ⑦ West Island

March 27, 2017: Maps produced by SRPEDD are for the sole purpose of aiding regional planning decisions and are not warranted for any other use. This map is not intended for engineering, legal, or survey purposes. Data sources: MassGIS, MassDOT and the town of Fairhaven.

Open Space Waterfront Study Area

40R District Study Areas: Waterfront, Rt 6 Corridor, and Rt 6/240 Plaza Area

Fairhaven, MA

Legend

Study Area

Road (MassDOT 2022)

Structure (MassGIS 2022)

Contours: 9.8 feet (3m)
(MassGIS 2003)

Parcels (MassGIS 2022)

Parcel

Town-owned Parcel

Easement

Water & Wetlands (MassDEP 2019)

Open Water

Perennial Stream

Intermittent Stream

Wetland

Salt Wetland

Open Space (MassGIS 2022)

Municipal Conservation Land

Recreational Town Park

Bike Infrastructure (SRPEDD 2022)

Off-road Bike Path

Bike Lane

Proposed Bike Lane

FEMA National Flood Hazard Layer Zones

Zone AE: 1% Annual Chance of Flooding

Zone X: 0.2% Annual Chance of Flooding

Zone X*: 0.2% Annual Chance of Flooding
*with Reduced Risk Due to Levee

Zone VE: High Risk Coastal Area



Data: MassGIS, 2022

Draft 10/5/22

Prepared by:

DODSON & FLINKER
Landscape Architecture and Planning



Open Space 6/240 Plazas Study Area

40R District Study Areas: Waterfront, Rt 6 Corridor, and Rt 6/240 Plaza Area

Fairhaven, MA

Legend

-  Study Area
-  Road (MassDOT 2022)
-  Structure (MassGIS 2022)
-  Contours: 9.8 feet (3m) (MassGIS 2003)
- Parcels (MassGIS 2022)**
 -  Parcel
 -  Town-owned Parcel
 -  Easement
- Water & Wetlands (MassDEP 2019)**
 -  Open Water
 -  Perennial Stream
 -  Intermittent Stream
 -  Wetland
 -  Salt Wetland
- Open Space (MassGIS 2022)**
 -  Municipal Conservation Land
 -  Recreational Town Park
- Bike Infrastructure (SRPEDD 2022)**
 -  Off-road Bike Path
 -  Bike Lane
 -  Proposed Bike Lane
- FEMA National Flood Hazard Layer Zones**
 -  Zone AE: 1% Annual Chance of Flooding
 -  Zone X: 0.2% Annual Chance of Flooding
 -  Zone X*: 0.2% Annual Chance of Flooding *with Reduced Risk Due to Levee
 -  Zone VE: High Risk Coastal Area



Data: MassGIS, 2022
Draft 10/5/22

Prepared by:
DODSON & FLINKER
Landscape Architecture and Planning



Flooding

Source: Fairhaven MVP Summary of Findings (2020)

Legend

- Roads
- ▲ Sewer Pump Station
- ▲ Sewer Wastewater Treatment Plant

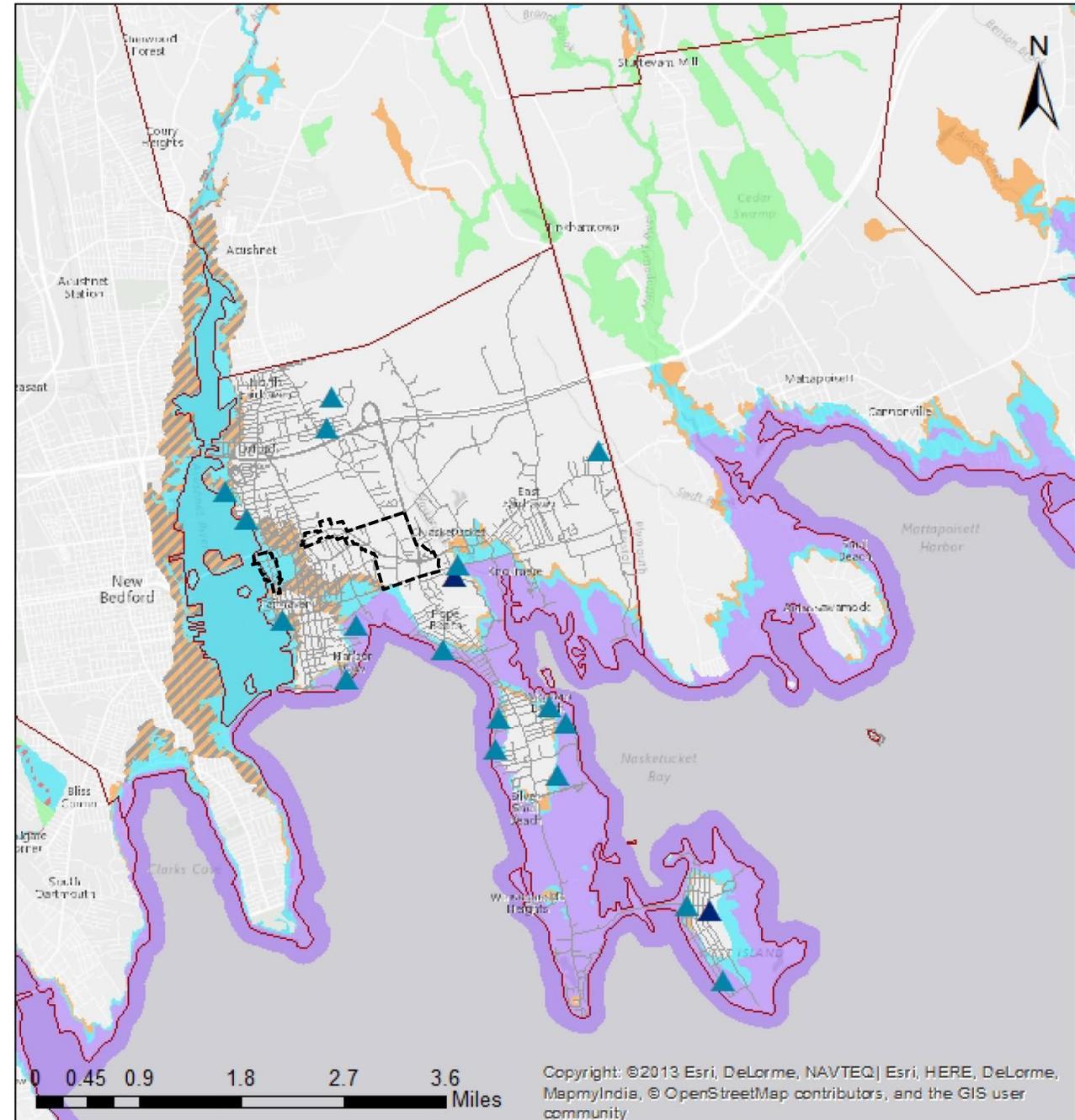
FEMA National Flood Hazard Layer

Flood Zone Designations

- A: 1% Annual Chance of Flooding, no BFE
- AE: 1% Annual Chance of Flooding, with BFE
- AE: Regulatory Floodway
- AH: 1% Annual Chance of 1-3ft Ponding, with BI
- VE: High Risk Coastal Area
- X: 0.2% Annual Chance of Flooding
- X: Reduced Flood Risk due to Levee

Source: FEMA, People GIS

Figure A-11: Special Flood Hazard Areas



Copyright: ©2013 Esri, DeLorme, NAVTEQ, Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

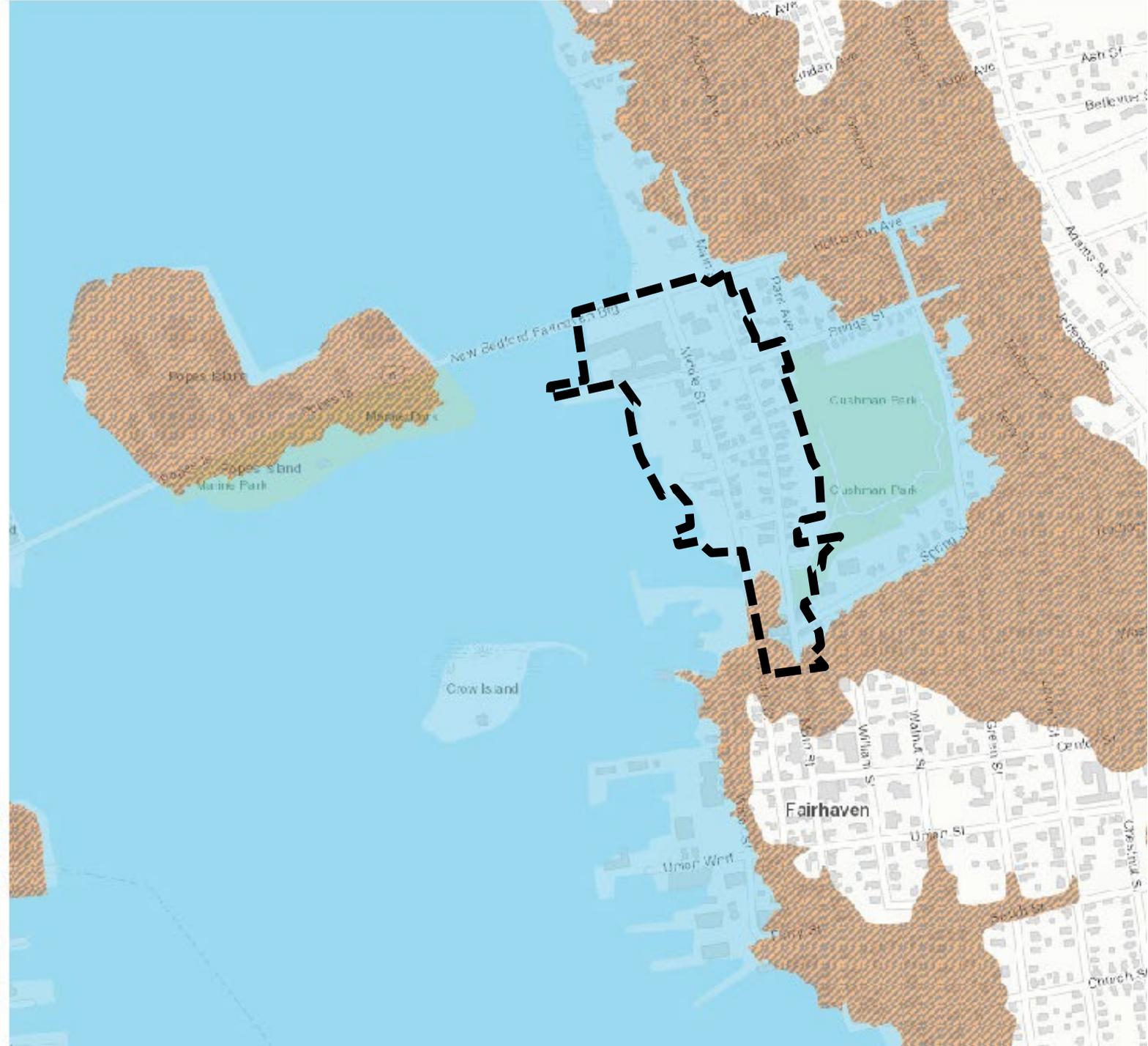
Flooding

Source: Resilient MA

Flood Zones (DFIRM)

Legend:

- A: 1% Annual Chance of Flooding, no BFE
- AE: 1% Annual Chance of Flooding, with BFE
- AE: Regulatory Floodway
- AH: 1% Annual Chance of 1-3ft Ponding, with BFE
- AO: 1% Annual Chance of 1-3ft Sheet Flow Flooding, with Depth
- VE: High Risk Coastal Area
- D: Possible But Undetermined Hazard
- X: 0.2% Annual Chance of Flooding
- X: 1% Drainage Area < 1 Sq. Mi.
- X: Reduced Flood Risk due to Levee
- Area Not Included
- Area with no DFIRM - Paper FIRMs in Effect



Sea Level Rise

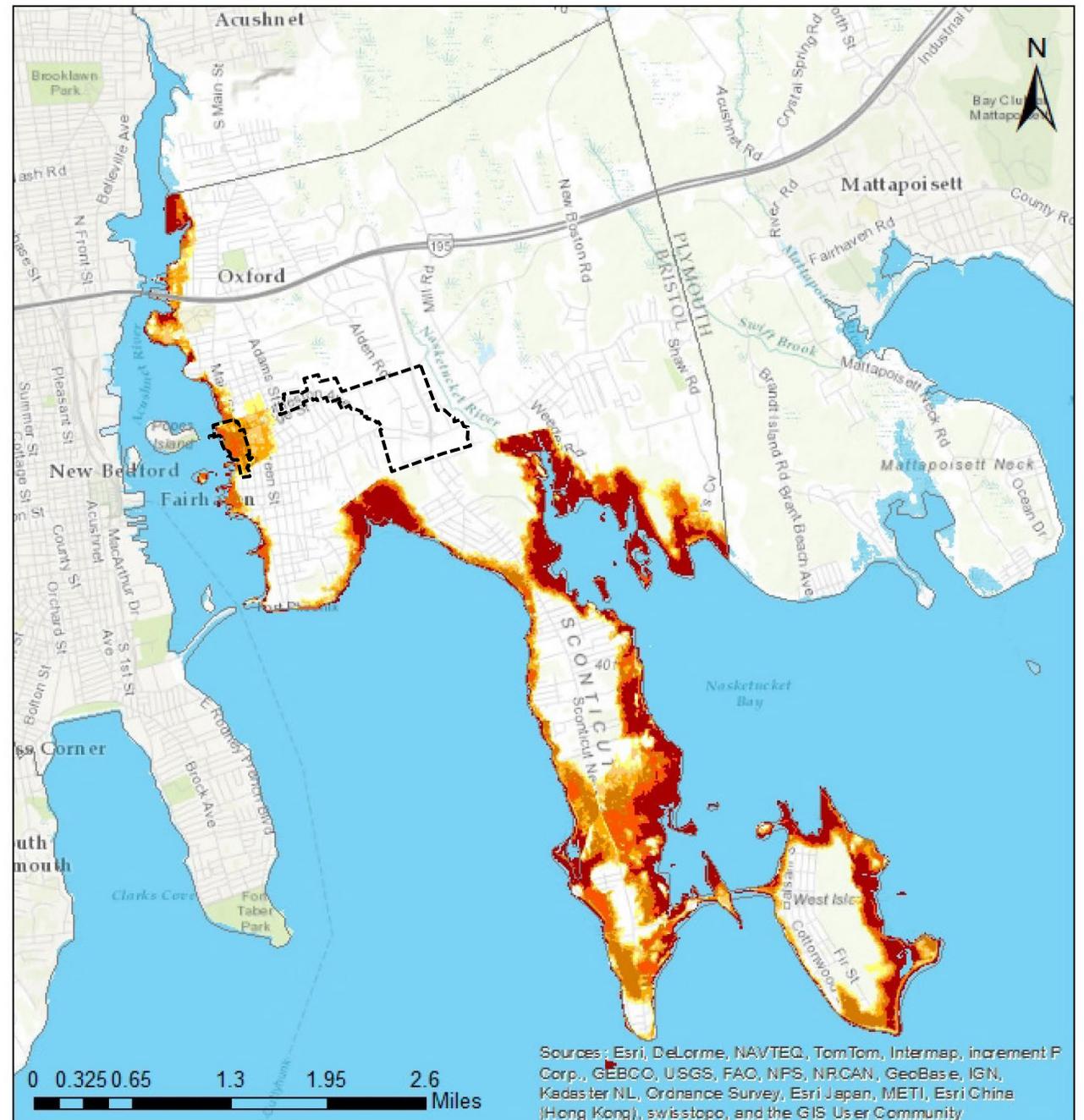
Source: Fairhaven MVP Summary of Findings (2020)

Legend



Source: NOAA

Figure A-3: Potential Sea Level Rise Inundation



Sea Level Rise, 0 FT

Source: Resilient MA

Sea Level Rise & Coastal Flooding (NOAA)

Layer:

Legend

-  Water Depth
-  Low-lying Areas
-  Area Not Mapped



Sea Level Rise, 3 FT

Source: Resilient MA

Sea Level Rise & Coastal Flooding (NOAA)

Layer:

Legend



Sea Level Rise, 4 FT

Source: Resilient MA

Sea Level Rise & Coastal Flooding (NOAA)

Layer: Sea Level Rise ▼

Legend



4 ft is likely maximum sea level rise by 2100 according to MVP Summary of Findings



Sea Level Rise, 6 FT

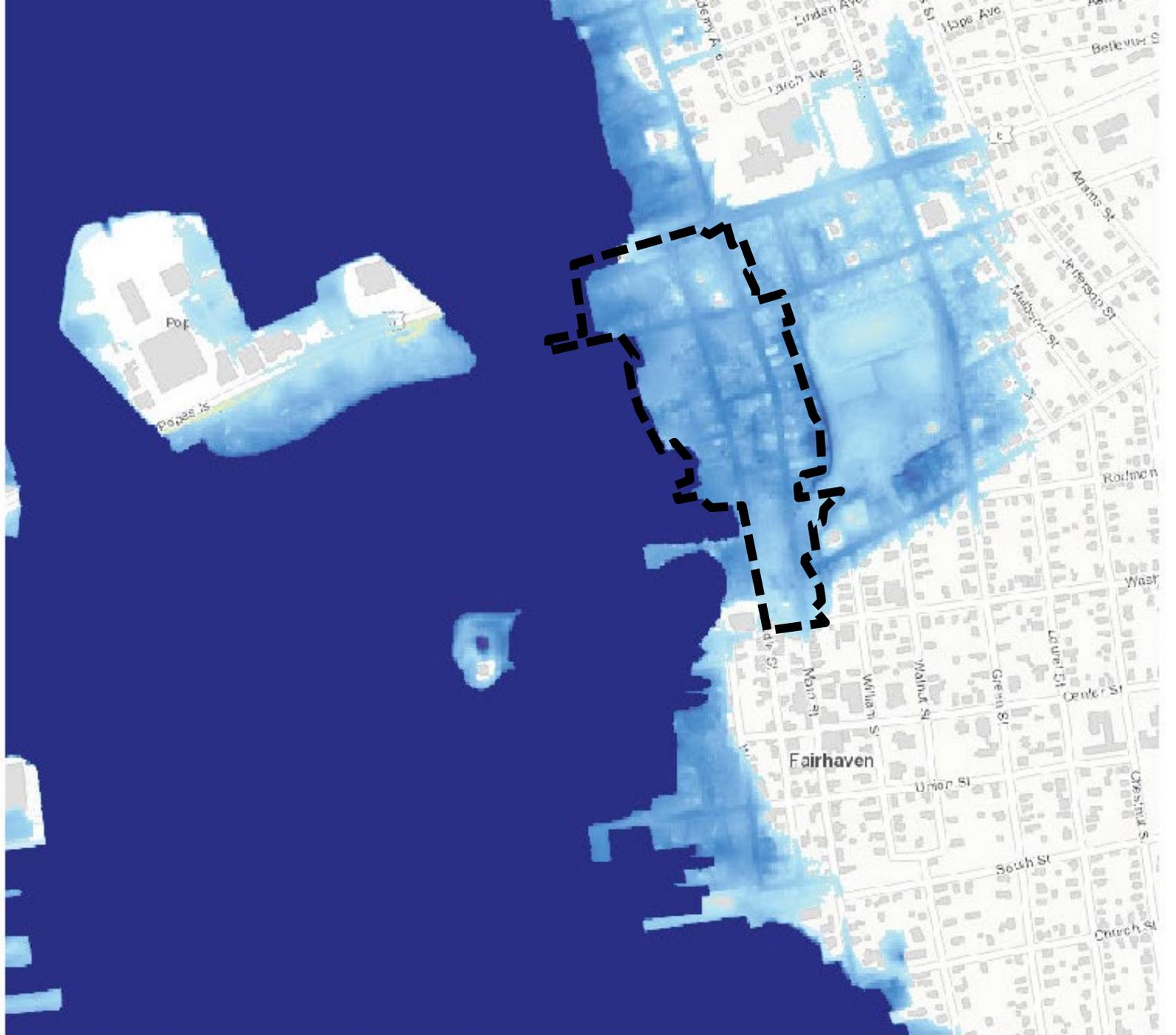
Source: Resilient MA

Sea Level Rise & Coastal Flooding (NOAA)

Layer: Sea Level Rise ▼

Legend

- Water Depth
- Low-lying Areas
- Area Not Mapped



Flooding

Source: Fairhaven
MVP Summary of
Findings (2020)

Legend

Worst-case Hurricane Surge Inundation Zones

Hurricane Category

Category 1

Category 2

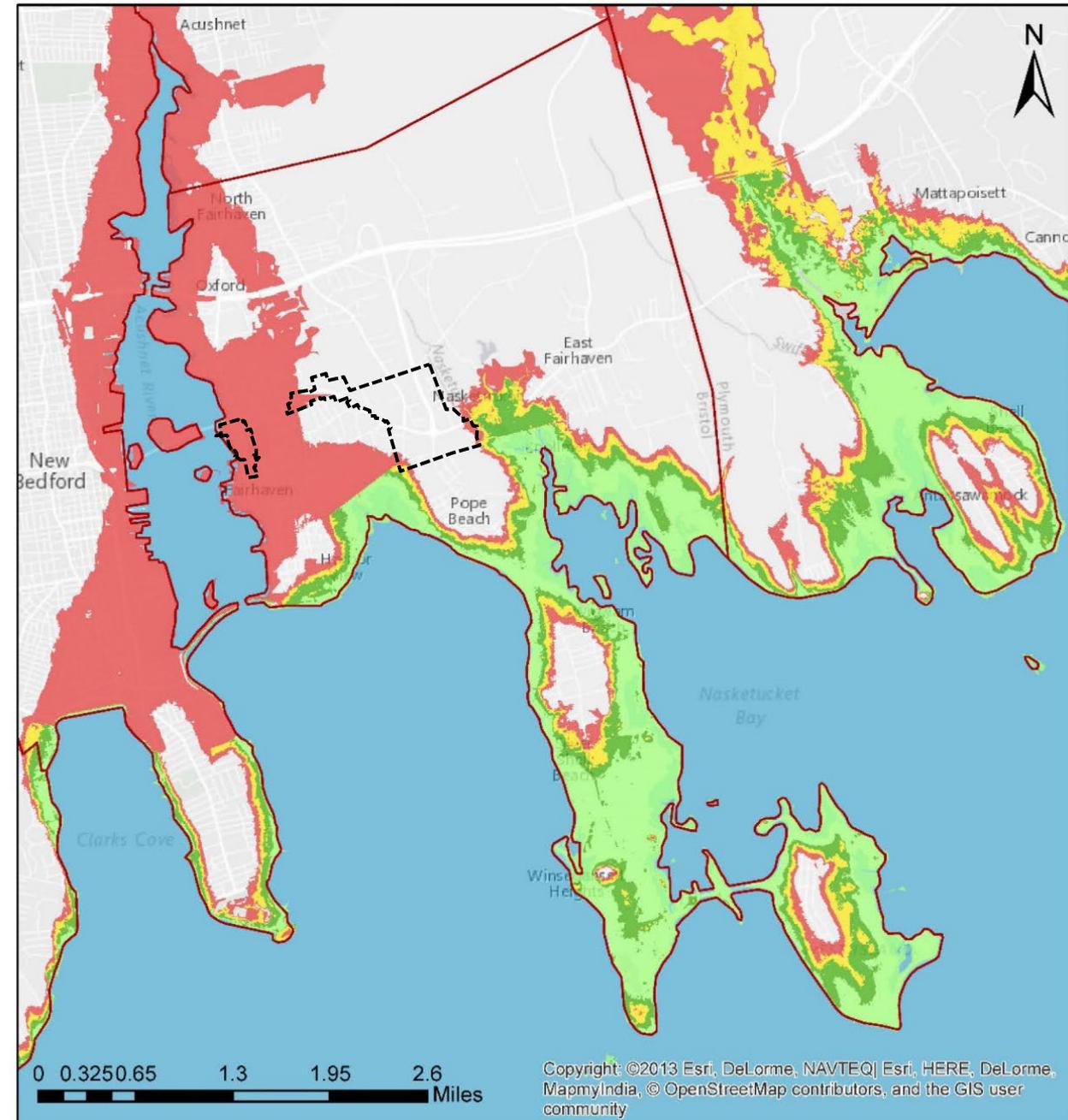
Category 3

Category 4

Town Boundary

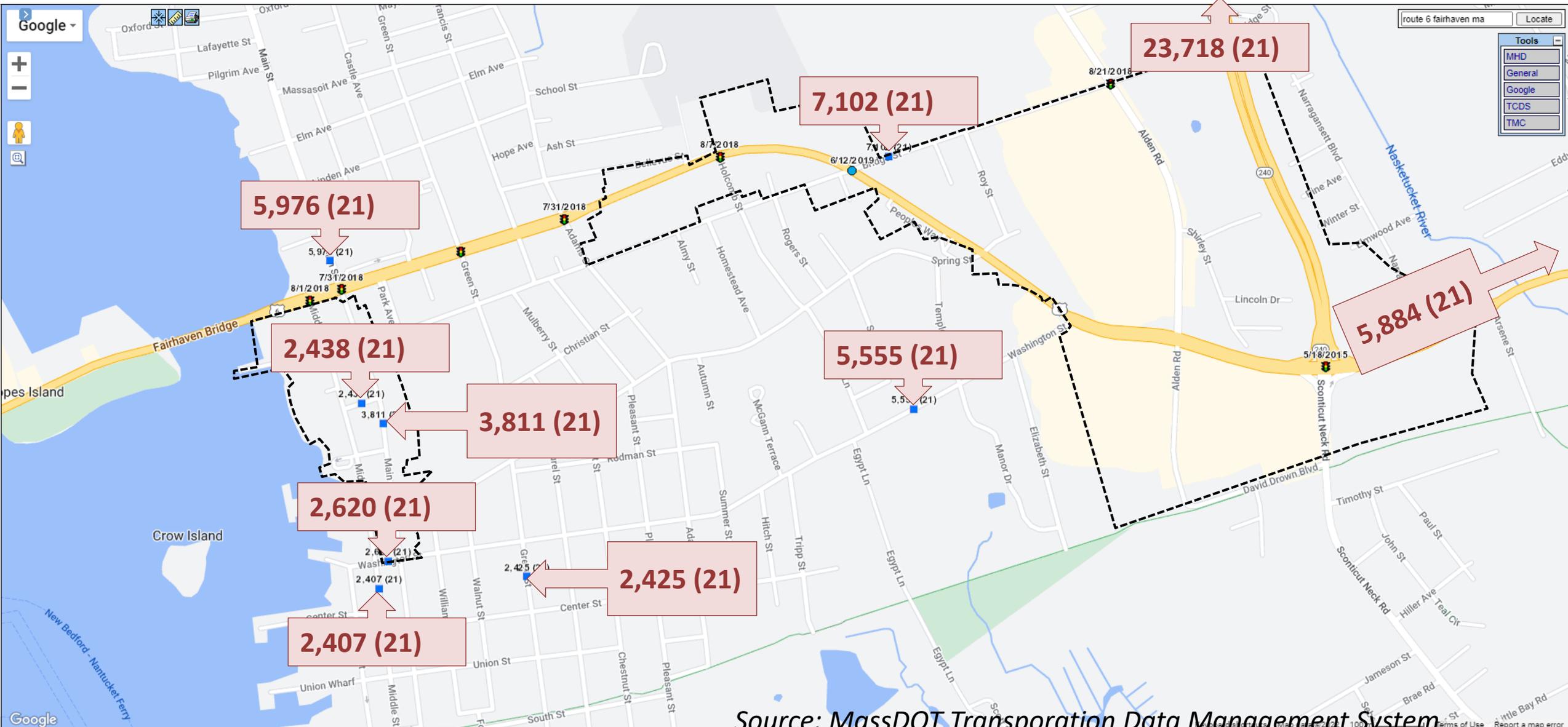
Source: U.S. Army Corps of Engineers, New England District

Figure A-12: Hurricane Storm Surge Inundation Areas



Copyright: ©2013 Esri, DeLorme, NAVTEQ, Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

Transportation-Traffic Counts



Source: MassDOT Transportation Data Management System
<https://mhd.public.ms2soft.com/tcds/tsearch.asp?loc=Mhd&mod=>

Transportation-Bicycle Facilities

Legend

Proposed Bicycle Facilities - copy

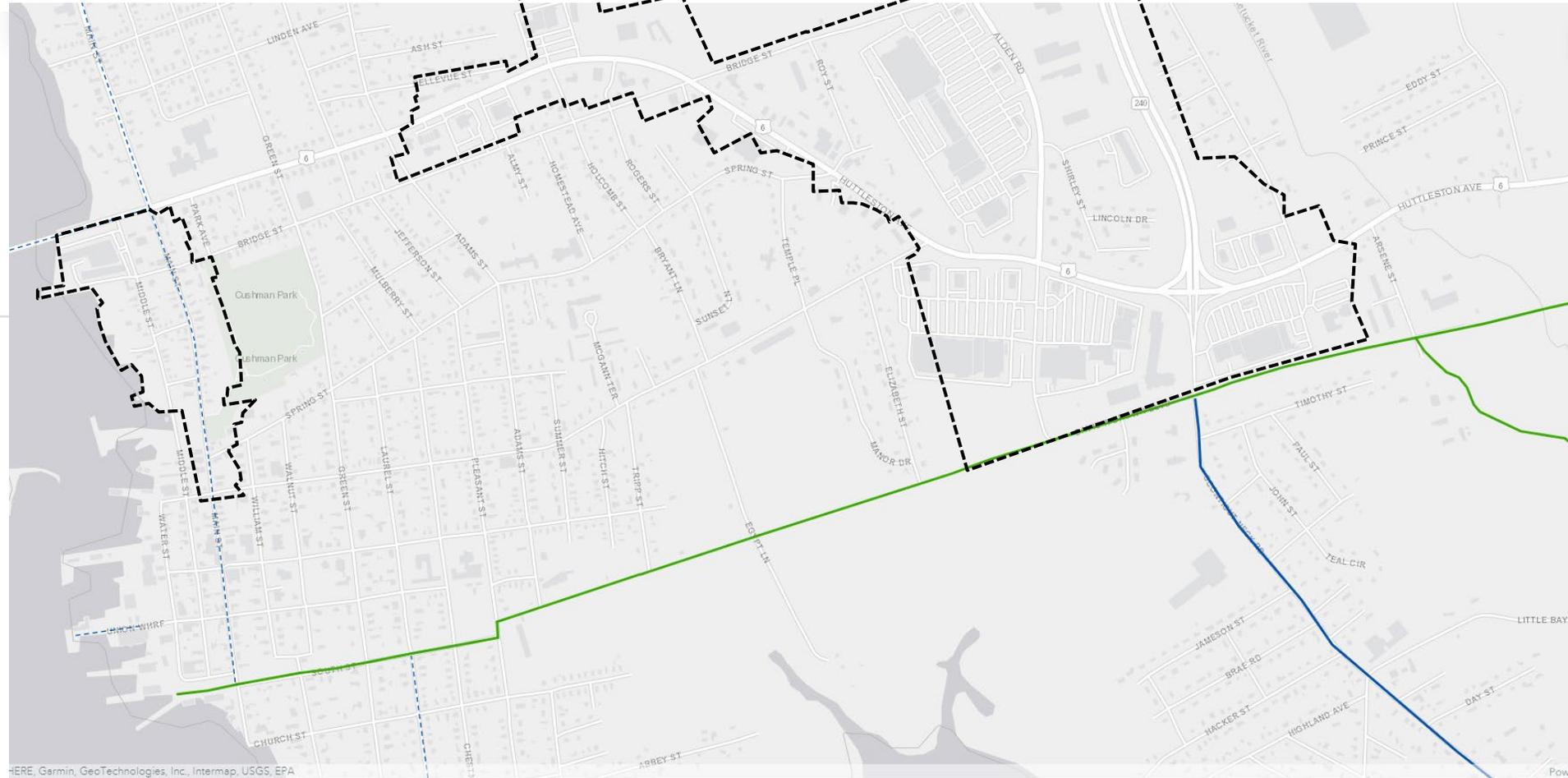
Class Status

- 4 proposed off road (protected bike lane)
- 5 proposed bike lane (bike lane)
- 6 proposed sharrow/signage (shared lane marking)

Existing Bicycle Facilities

Class Status

- 1 Existing off road (protected bike lane)
- 2 Existing bike lane (bike lane)
- 3 Existing sharrow/signage (shared lane marking)



Source: *Bike Paths in Southeastern Massachusetts (SRRPED)*

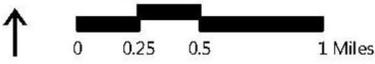
<https://storymaps.arcgis.com/stories/be6a73249cae4350b98e46d03d178c3f>

Transportation-Roadways and Sidewalks

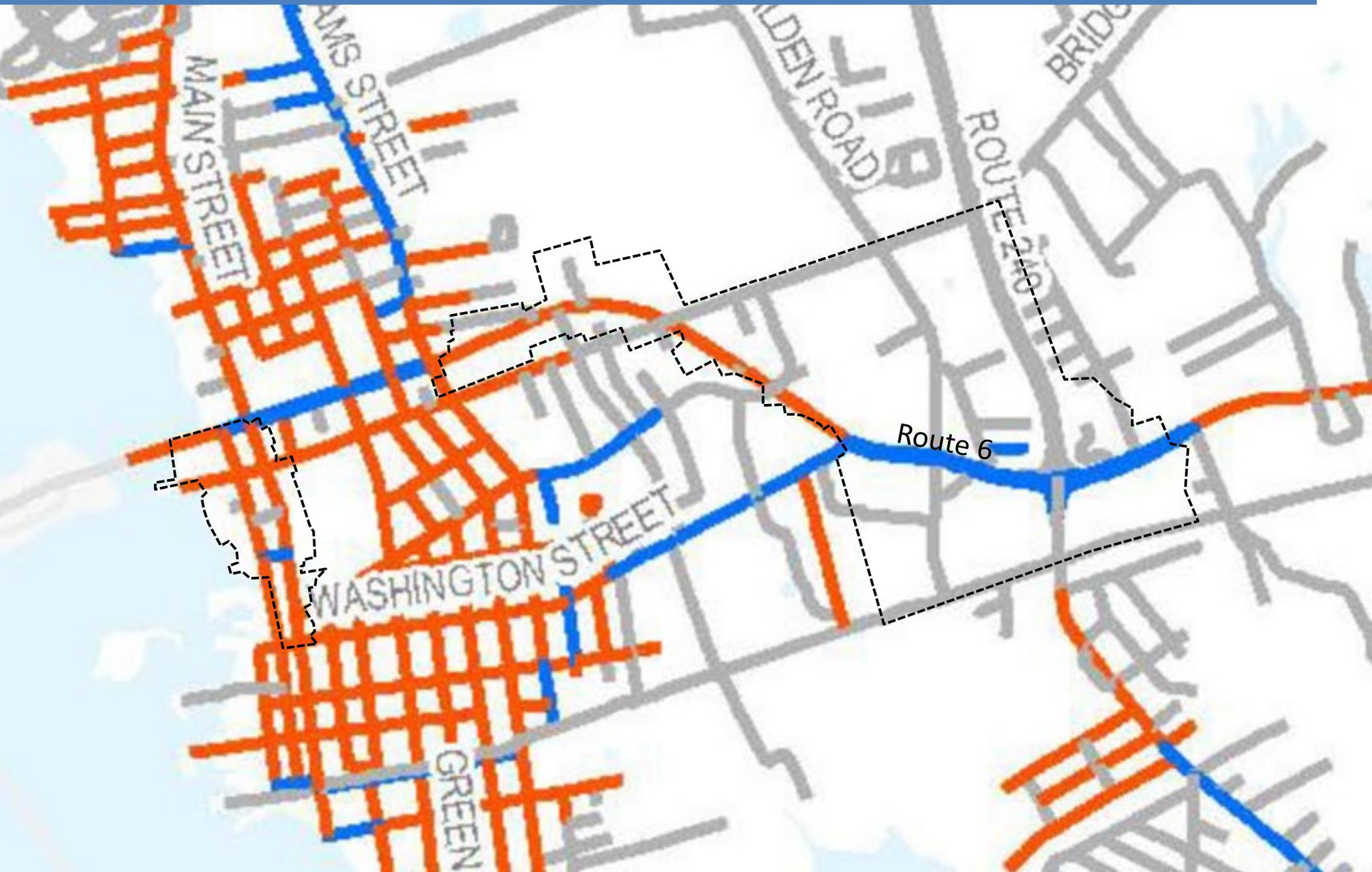
Source: Fairhaven Master Plan (2018)

Legend

- Roads without Sidewalk
- Roads with Sidewalks**
 - on both sides
 - on one side



Source: Town of Fairhaven, MassGIS

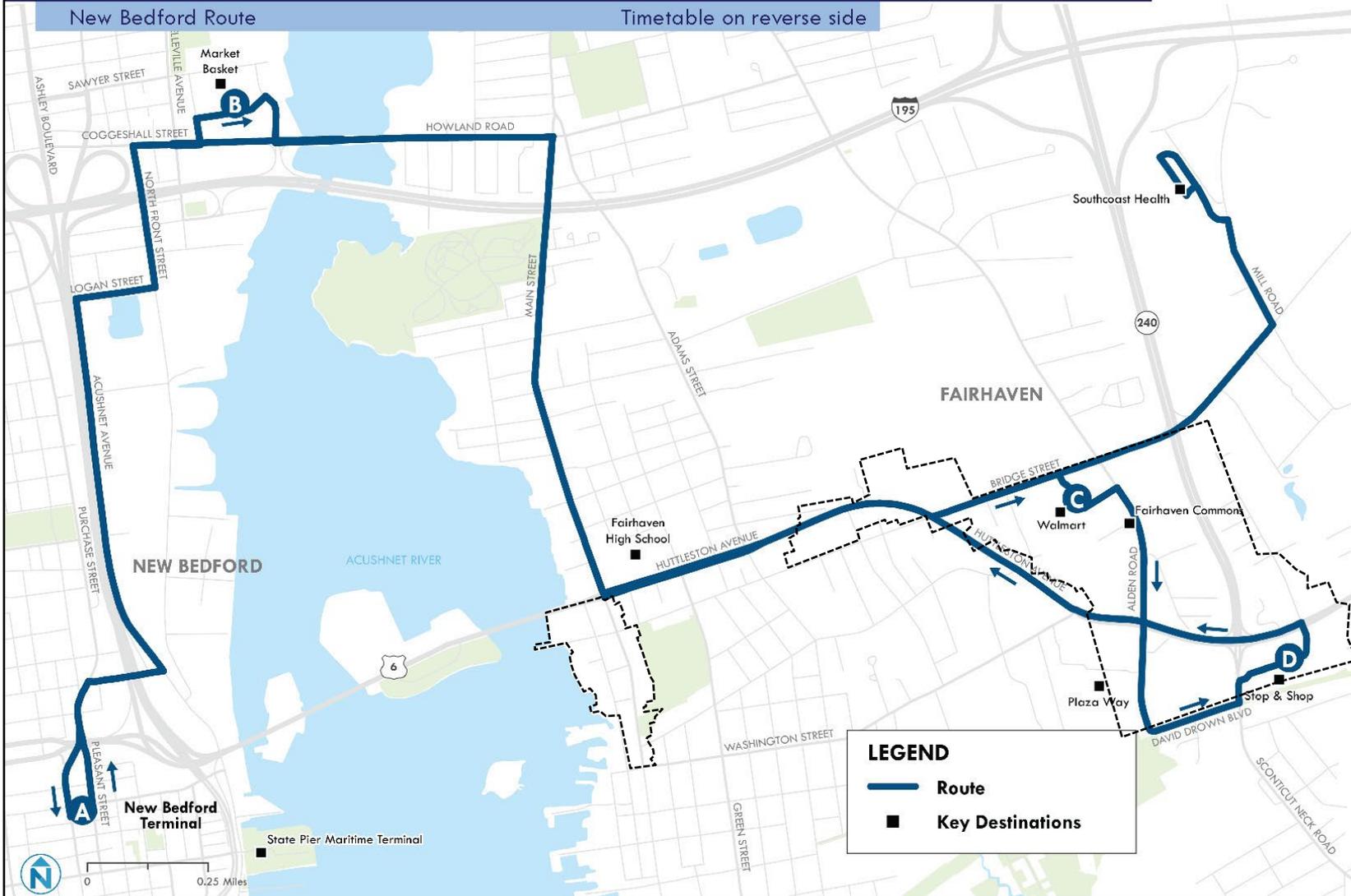


Route 11 Fairhaven

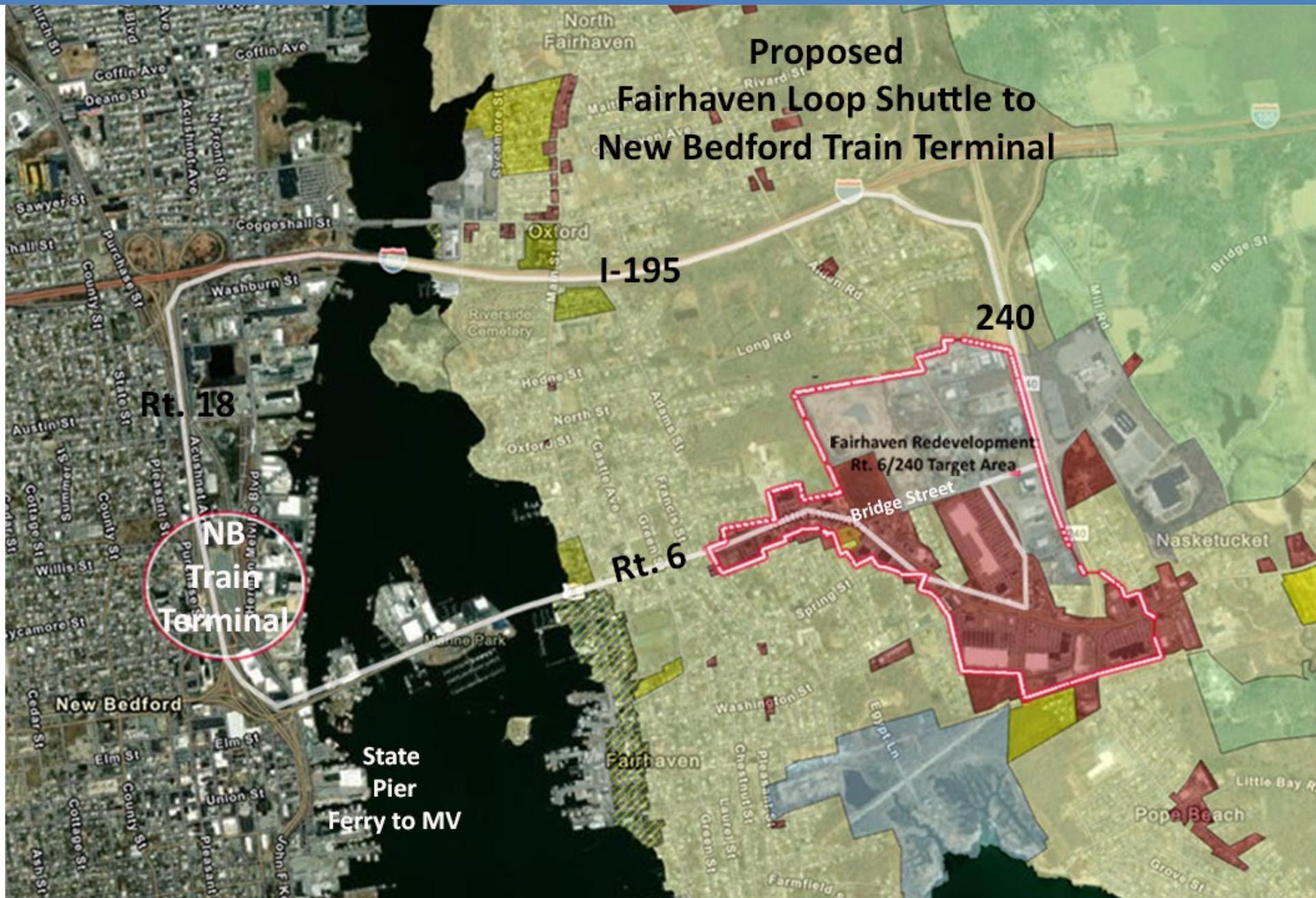


New Bedford Route

Timetable on reverse side



Planning Dept. Proposed NB-FH Loop Shuttle for NB-Boston Train



INDIVIDUAL WORK AND SMALL GROUP DISCUSSIONS

Map Activity

1. Review the maps. Is there anything that is incorrect or unclear?
2. What has changed in the study areas over the past decade? What is likely to change in the next decade?
 - Use black marker
3. Which parts of the study areas should be preserved? Which should be improved? Which should be transformed?
 - Blue marker—things to be preserved
 - Green marker—things to be improved
 - Red marker—things to transformed

Fairhaven 40R Planning

Working Group Meeting #1

September 21, 2022



Paul H. Foley, AICP
Director of Planning & Economic Development
Fairhaven, Massachusetts

Town Hall, 40 Center Street
(508) 979-4023 EXT. 122

DODSON & FLINKER
Landscape Architecture and Planning

Peter Flinker, FAICP, FASLA
peter@dodsonflinker.com

Dillon Sussman
dillon@dodsonflinker.com

413-628-4496
www.dodsonflinker.com