

Downtown Humphrey Street Parking Analysis

Existing Conditions and Observations

April 3, 2018



Agenda

- Introduction
 - Metropolitan Area Planning Council
 - Project Team
 - Parking Studies
- Background
- Scope of Work
- Study Area
- Survey Results
- Data Analysis
- Observations
- Feedback & Questions



Who We Are

MAPC is the regional planning agency for the 101 cities and towns of Metro Boston. We focus on land use, transportation, housing, health, economic development, energy, etc.

Project Team

Sarah Lee

*Deputy Director of Transportation,
Engineer/Planner, specializing in Parking and
Bicycle/Pedestrian Design*

*Previously engaged in the Swampscott
Master Plan (2016) & Swampscott Vision
and Action Plan (2012)*

Kasia Hart

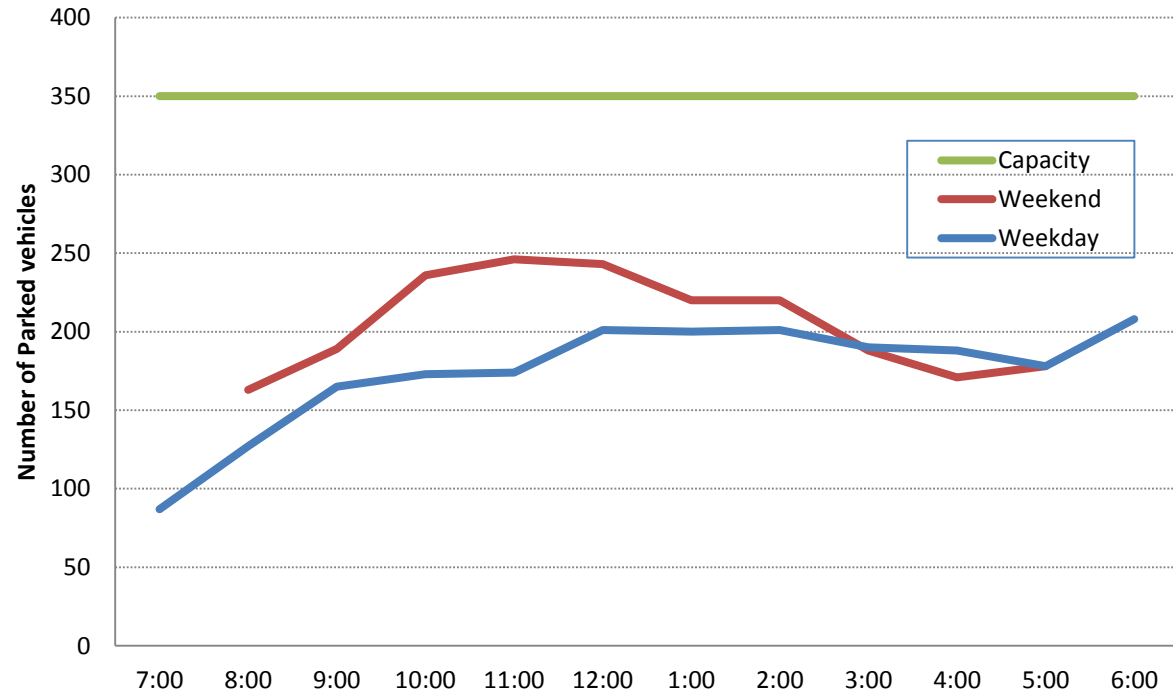
*Transportation Coordinator, specializing in
Parking, Bicycle Share and Transportation
Policy*

SWAMPSCOTT 2025 THE MASTER PLAN



Parking Studies – What We Do

We partner with municipal leaders and staff to help cities, towns, and neighborhoods get to the root of parking challenges...



[This analysis is being conducted by MAPC at no cost to the Town](#)



Parking – In General...

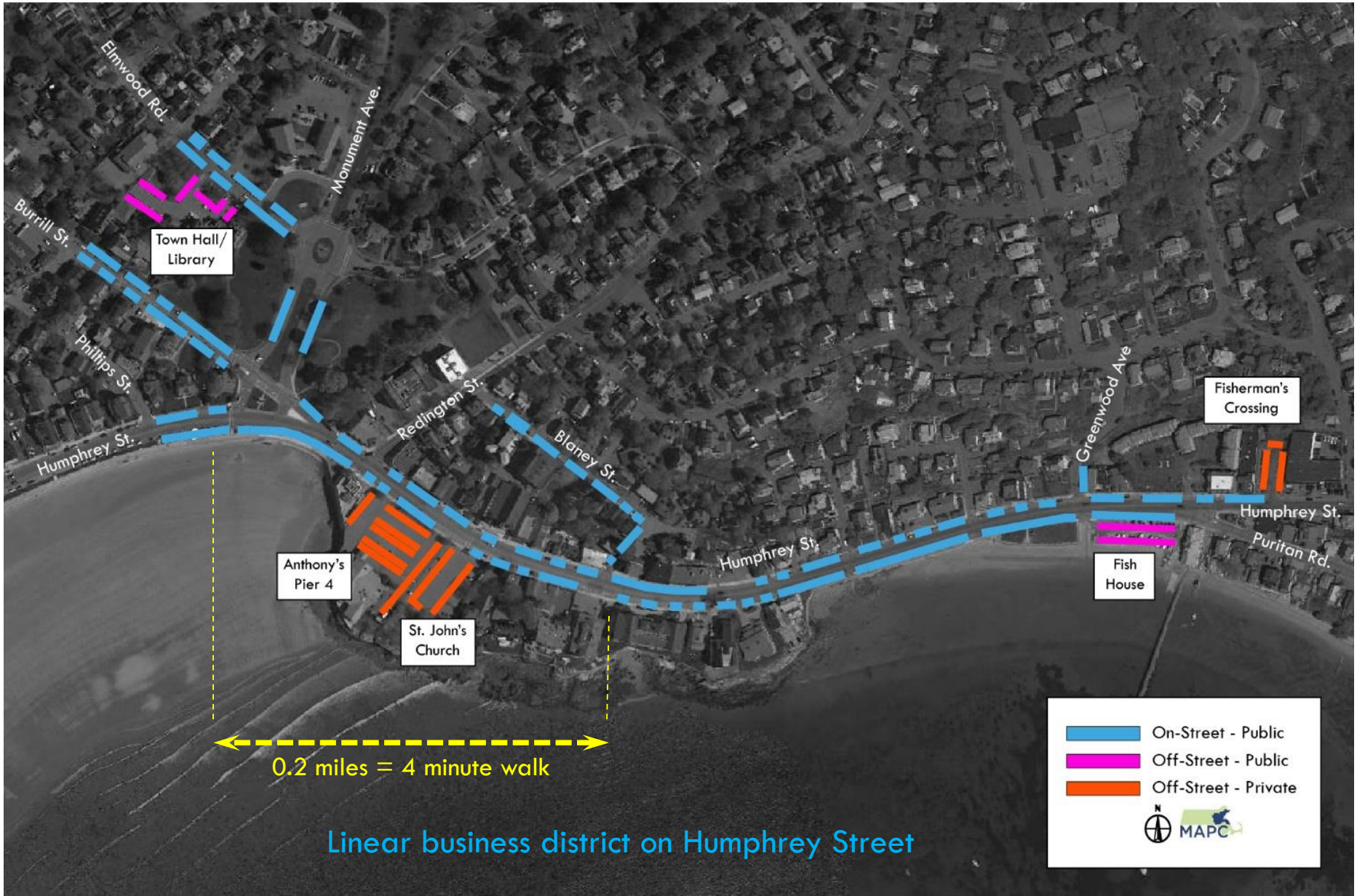
- Parking – Make it easy!!
 - Available
 - Affordable
 - Consistent
 - Clear
 - Visible
- Encourage people to park once and visit multiple destinations to shop and dine
- Separate long-term and short-term parking
 - Provide employee parking
 - Long-term in lots, short-term on street
- 85% occupancy is preferred

Scope of Work

- GOAL: Maximize Efficiency
- Preliminary Data Collection
 - Existing Capacity & Regulations
- Online/Paper Survey
- Fieldwork (8am-8/10pm)
 - Summer Weekday: July
 - Summer Saturday: July
 - Fall Weekday: October
 - Fall Saturday: November
- Mapping
 - Occupancy vs. Capacity
 - Duration
- Analysis and Evaluation
- Final Technical Memorandum



Study Area





Survey



Survey Results

- Distributed Fall 2017
- 528 Total respondents
 - 87% Residents
 - 37% Customer/Visitors
 - 6% Business Owners/
Employees
- 19 Questions
- Online and paper copies

DOWNTOWN HUMPHREY STREET PARKING ANALYSIS

DATE: _____ NOTES: _____

The Town of Swampscott, in coordination with the Metropolitan Area Planning Council (MAPC), is conducting a parking analysis in the historic downtown Humphrey Street area. The purpose of this survey is to help the Town of Swampscott better understand current parking conditions in the downtown area and to develop strategies for improving access to parking. Contact Pete Kane (pkane@town.swampscott.ma.us) or Sarah Lee by email (slee@mapc.org) for further details. Please return survey responses to Town Hall, Planning Dept, 22 Monument Ave, Swampscott, MA 01907 by Wednesday, November 22, 2017.

1. Select your primary role as a member of the **Swampscott community**. (Check all options that apply)

- I am a business owner in downtown Humphrey Street
- I am a business employee in downtown Humphrey Street
- I am a business owner in Swampscott (outside of downtown Humphrey Street)
- I am a business employee in Swampscott (outside of downtown Humphrey Street)
- I work for a religious organization in downtown Humphrey Street
- I am a Town employee
- I am a resident of downtown Humphrey Street
- I am a resident of Swampscott (outside of the downtown)
- I am a customer/visitor in downtown Humphrey Street

2. Do you think downtown Humphrey Street has enough public parking?

- Yes
- No
- Don't Know

3. How do you typically get to downtown Humphrey Street? (Check all options that apply)

- Drive
- Carpool
- Ride a bike
- Walk
- Public Transportation
- Other:

4. Do you drive and have regular access to a car? (If no, skip to Q16)

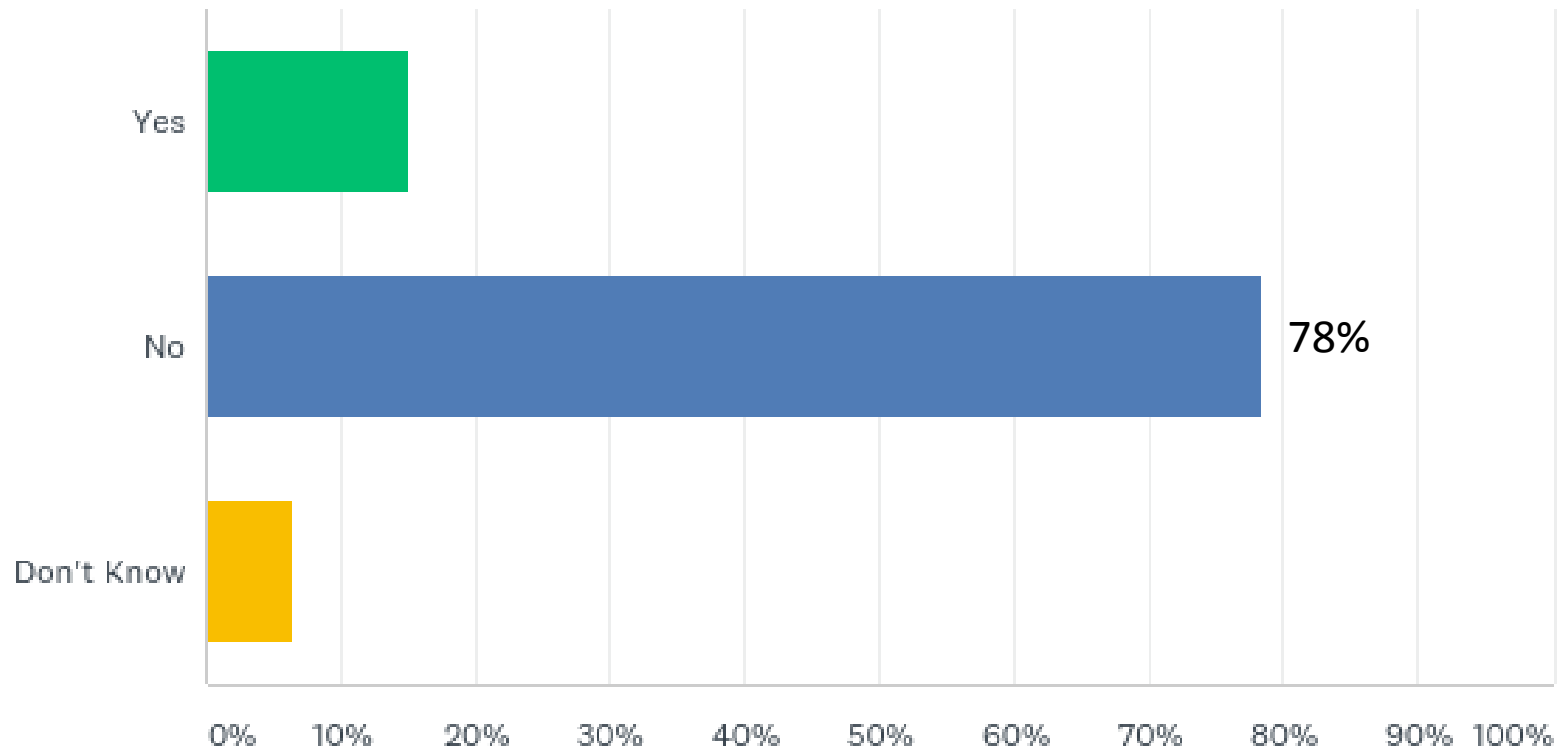
- Yes
- No

5. Where do you park most often in downtown Humphrey Street?

- On-Street
- Public Parking Lot
- Private Parking Lot
- Other

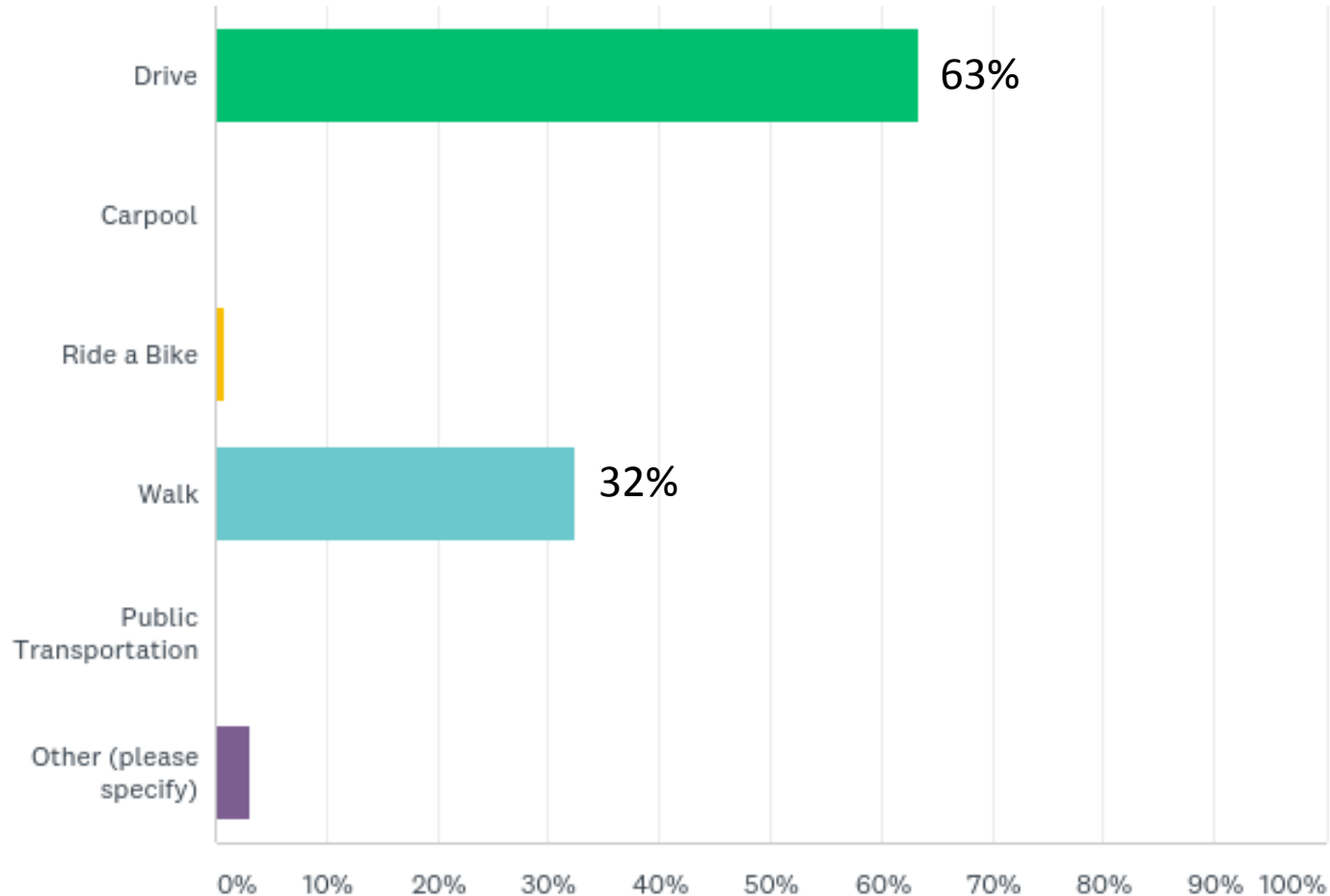
Survey Results

Q2: Do you think downtown Humphrey Street has enough public parking?



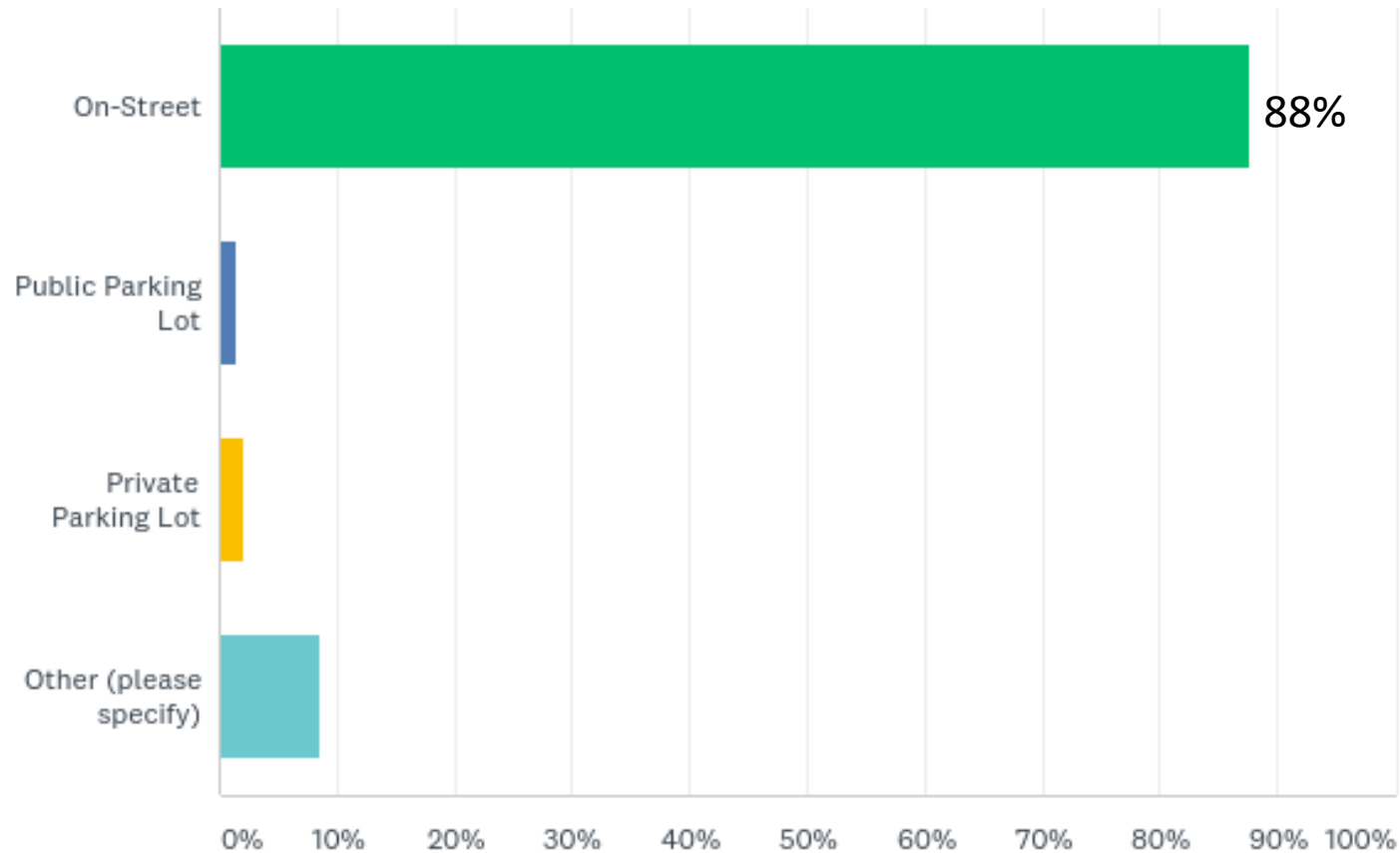
Survey Results

Q3: How do you primarily access downtown Humphrey Street?



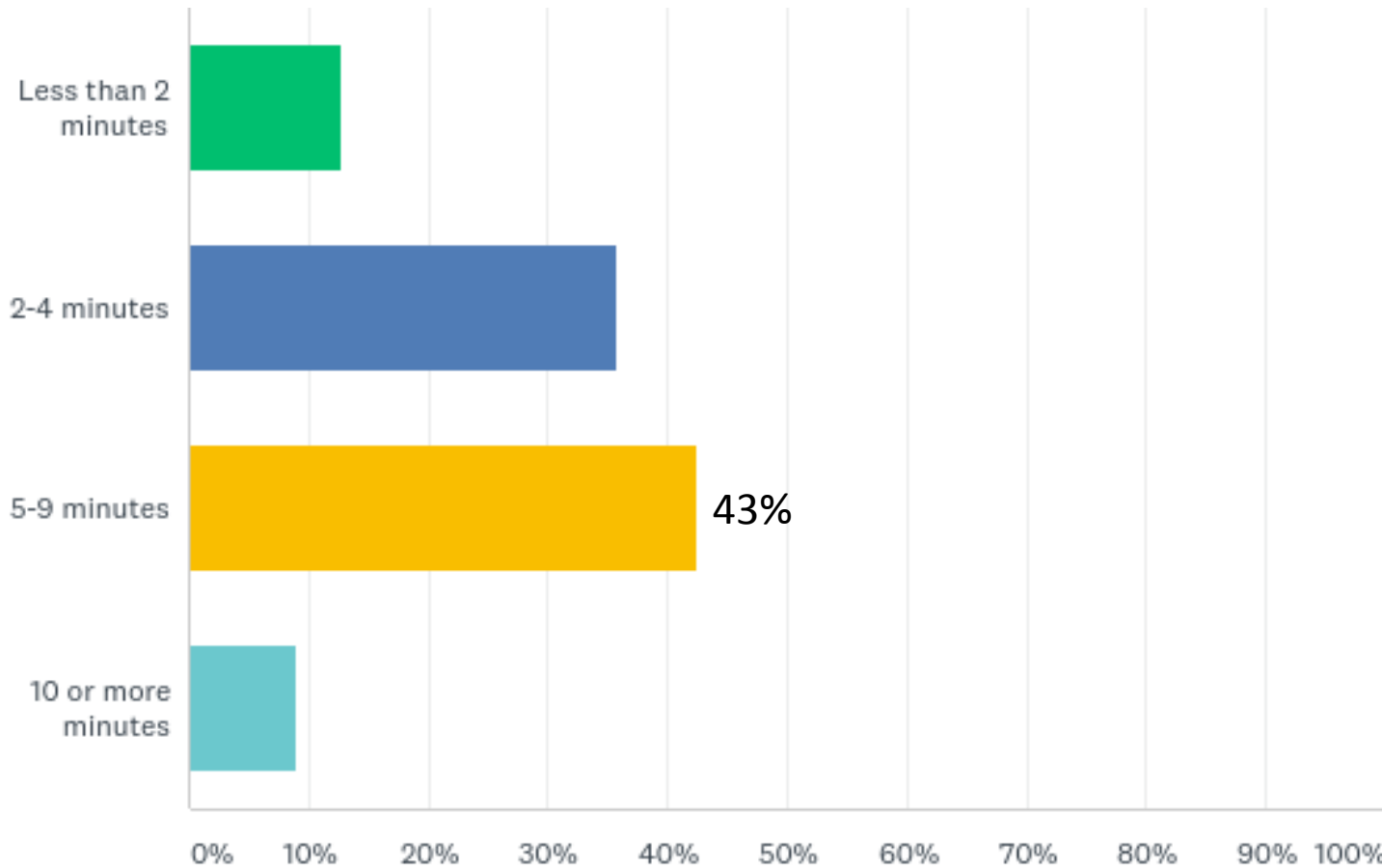
Survey Results

Q5: Where do you park most often in downtown Humphrey Street?



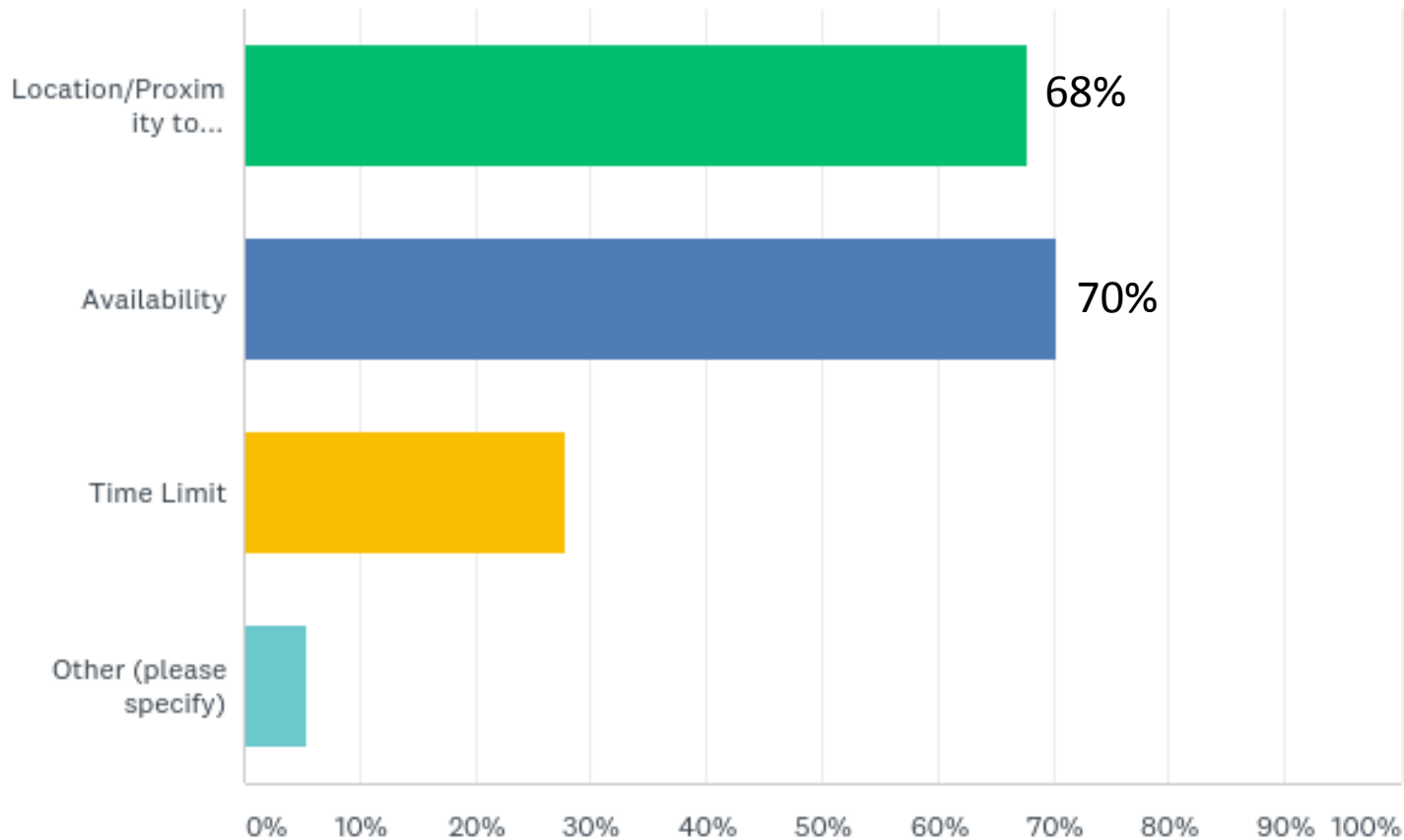
Survey Results

Q6: How many minutes does it take to finding parking in downtown Humphrey Street?



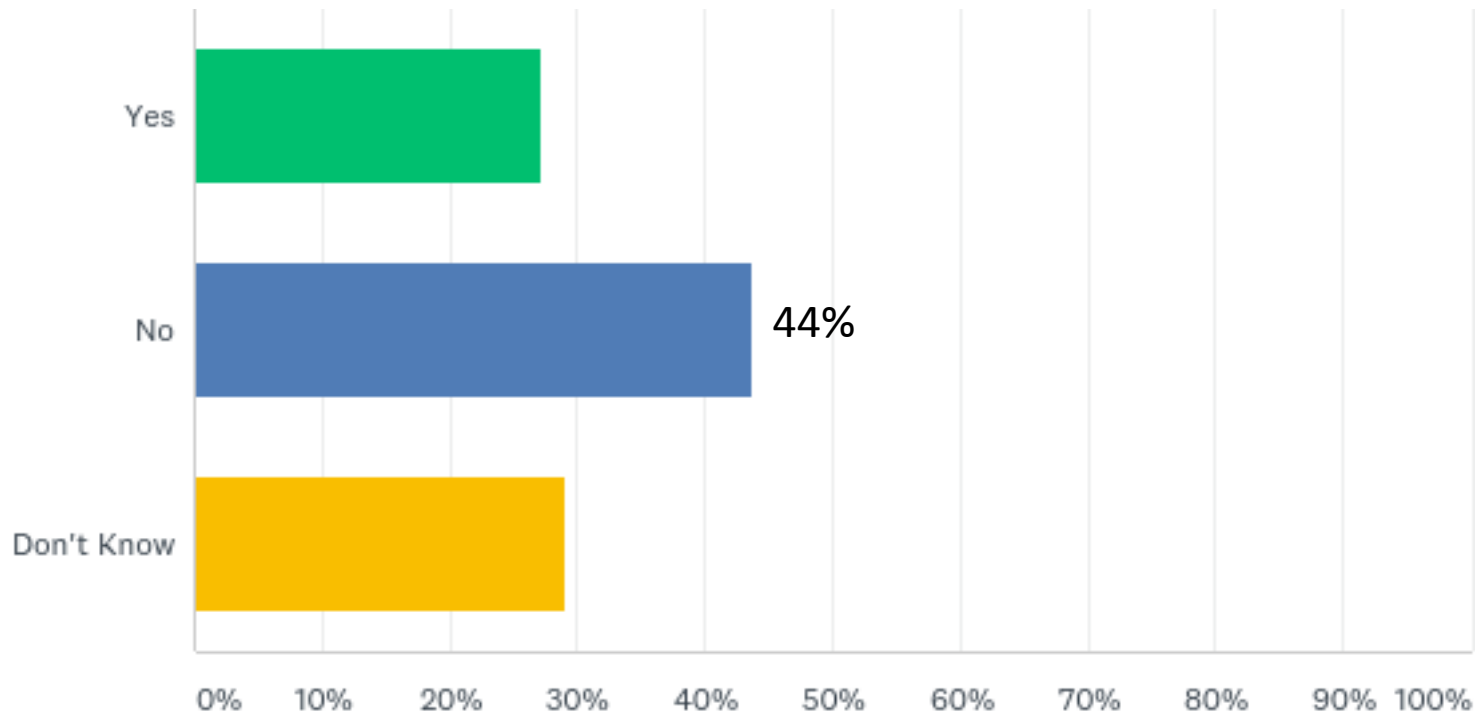
Survey Results

Q7: What are the most important factors when you try to find public parking in downtown Humphrey Street? (Select all options that apply)



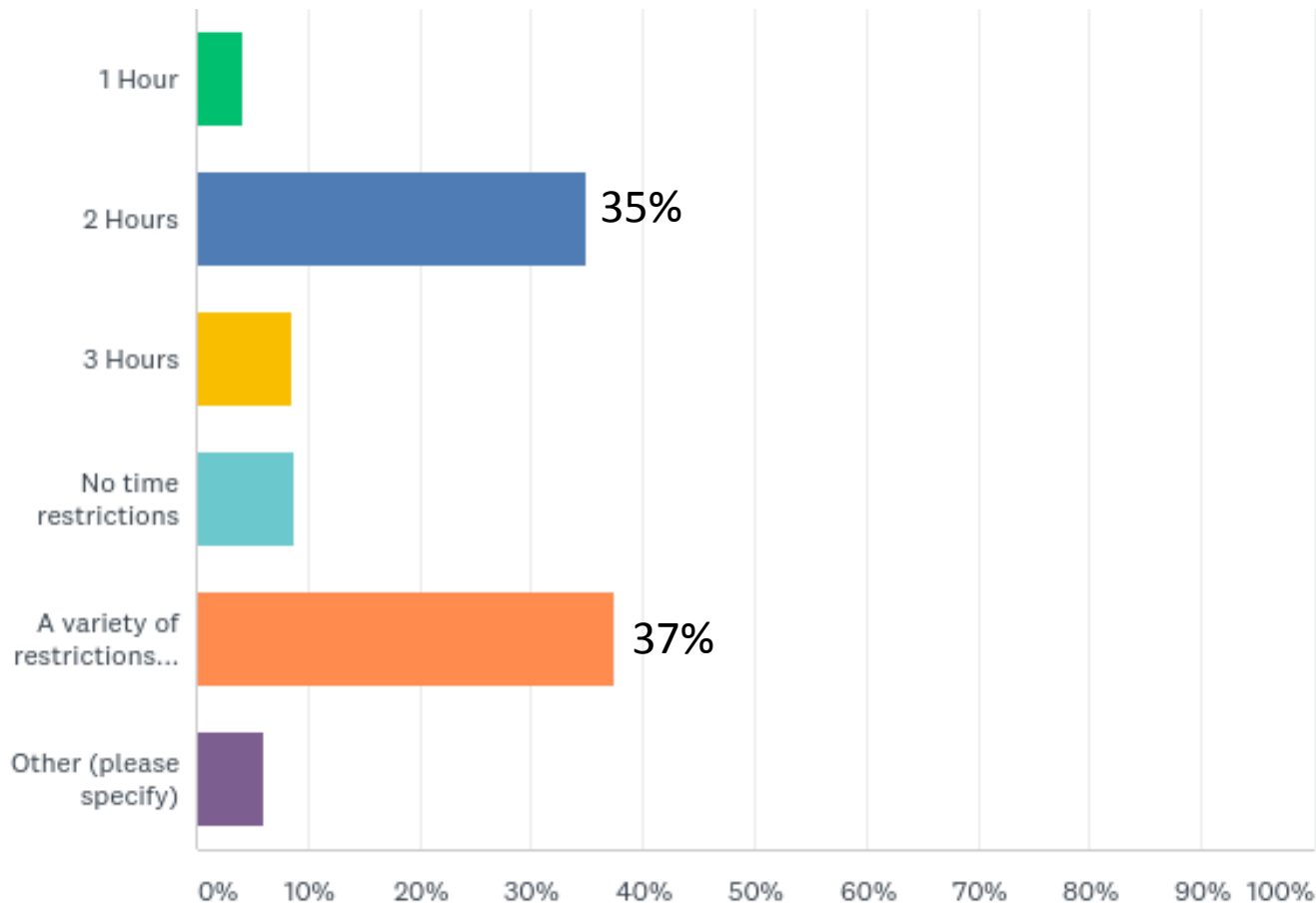
Survey Results

Q8: Do you think Swampscott is adequately managing parking currently?



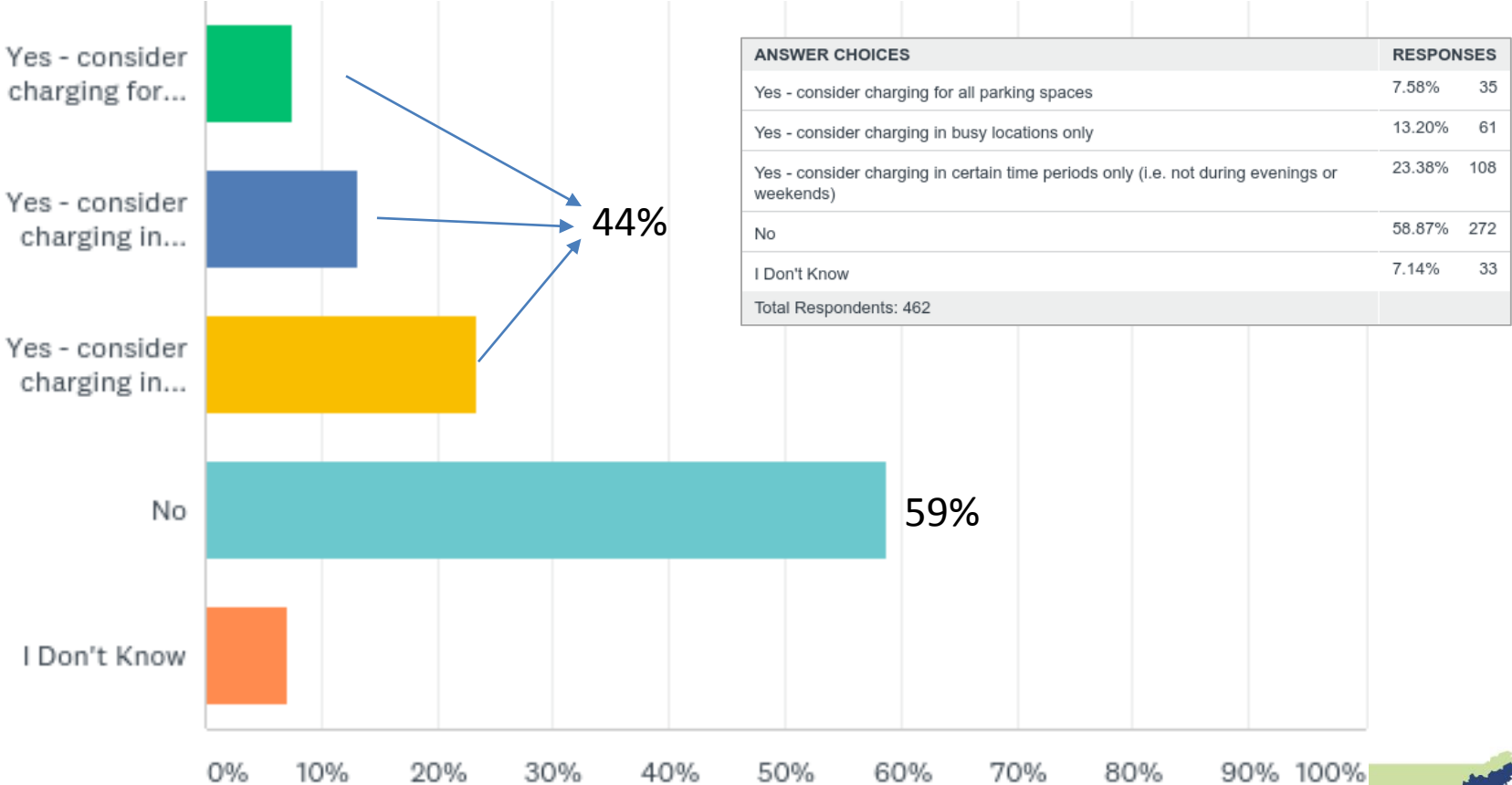
Survey Results

Q10: What do you think are reasonable time limits for parking spaces in downtown Humphrey Street?



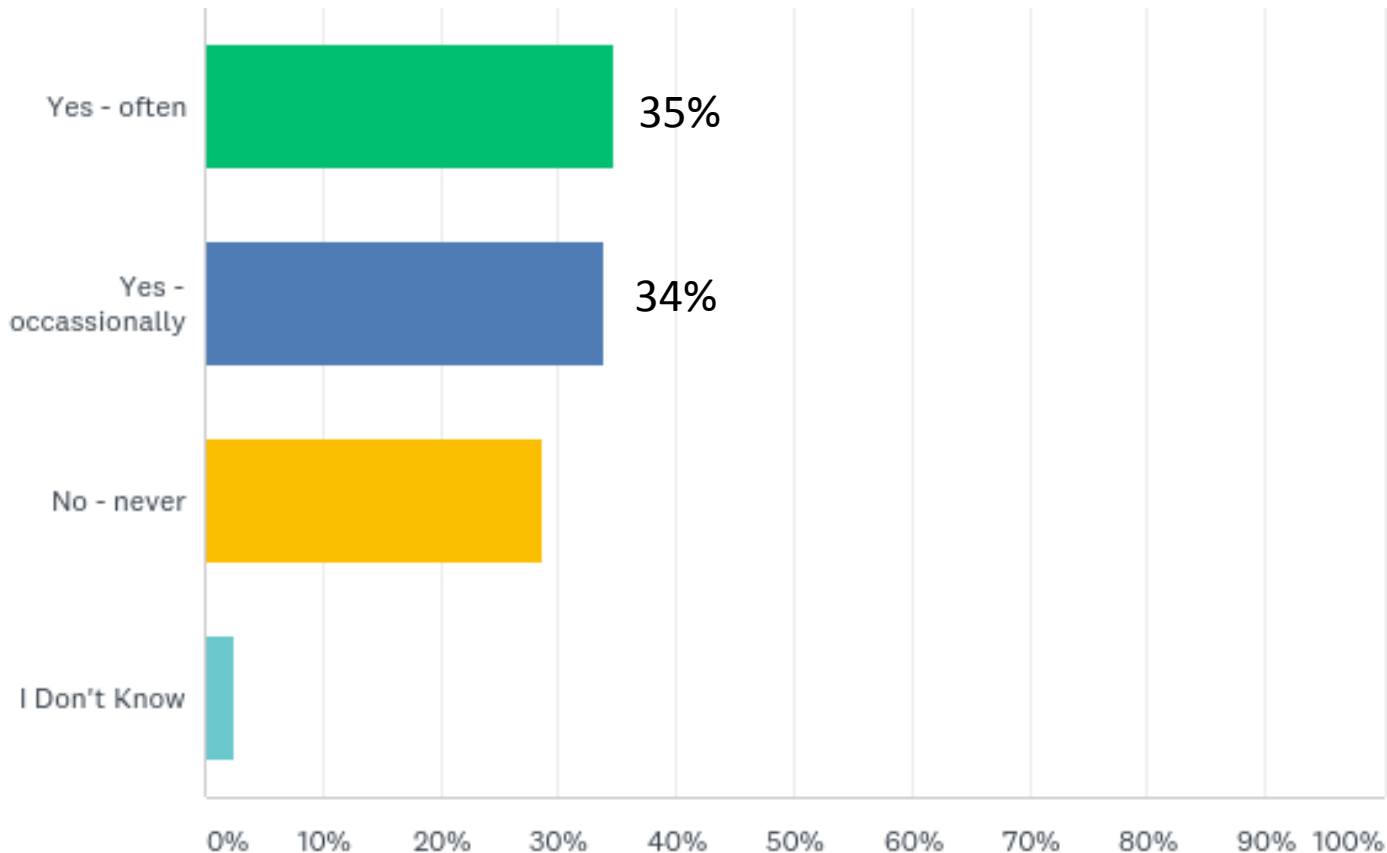
Survey Results

Q11: Should Swampscott consider charging for parking in downtown Humphrey Street to promote turnover?



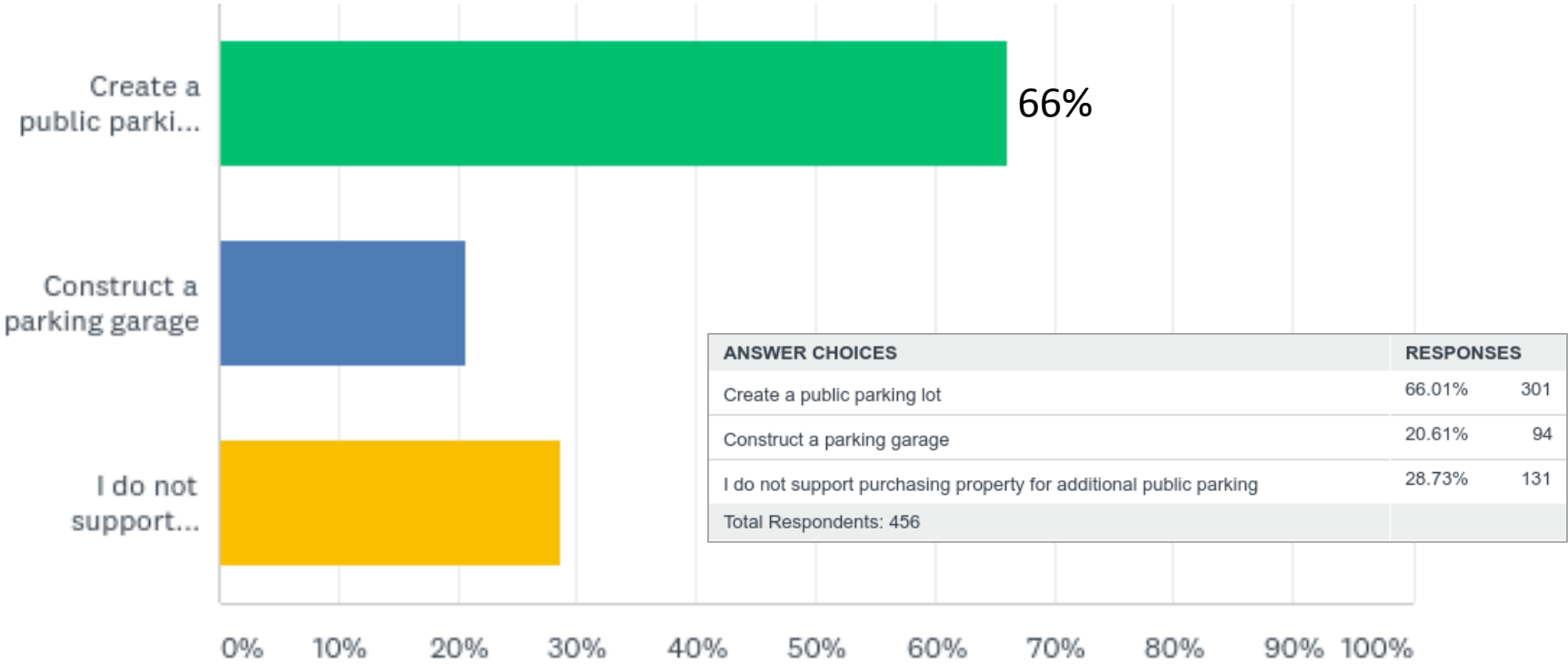
Survey Results

Q13: Do parking difficulties lead you to shop or run errands in neighborhoods other than downtown Humphrey Street?



Survey Results

Q16: Would you support the Town spending money to acquire property (if it becomes available in the Downtown) to...



Open Response

Open up Church,
& Anthony's lots
to the public

Demolish Hadley
& St John's
Schools and
create parking

Difficult to park
near library
during the day

Need more
ticketing of long-
term parkers

Resident and
employee
permits needed

Demolish police
station and
create parking

Open Response

Safer crosswalks
are necessary

Charge for
parking

Consider angled
parking

Improve striping
of spaces –
currently
inefficient

Employees
parking on-
street all day

Parking not a
problem –
spaces available
a block away

Open Response

Encourage more walking and cycling

Longer time limits needed for some businesses

Not enough employee parking

Guests of Humphrey Street residents need parking

Convert Humphrey Street into ped only

Charging for parking would discourage business

Open Response

People lazy –
should walk 1 or
2 mins

Place meters in
St Johns lot -
money goes to
church

Install meters, but
residents don't
have to pay

Don't allow
boats to park at
Fish House lot for
months

More handicap
parking

Invest in trolleys
and bikes to
reduce parking
demand

Data Analysis



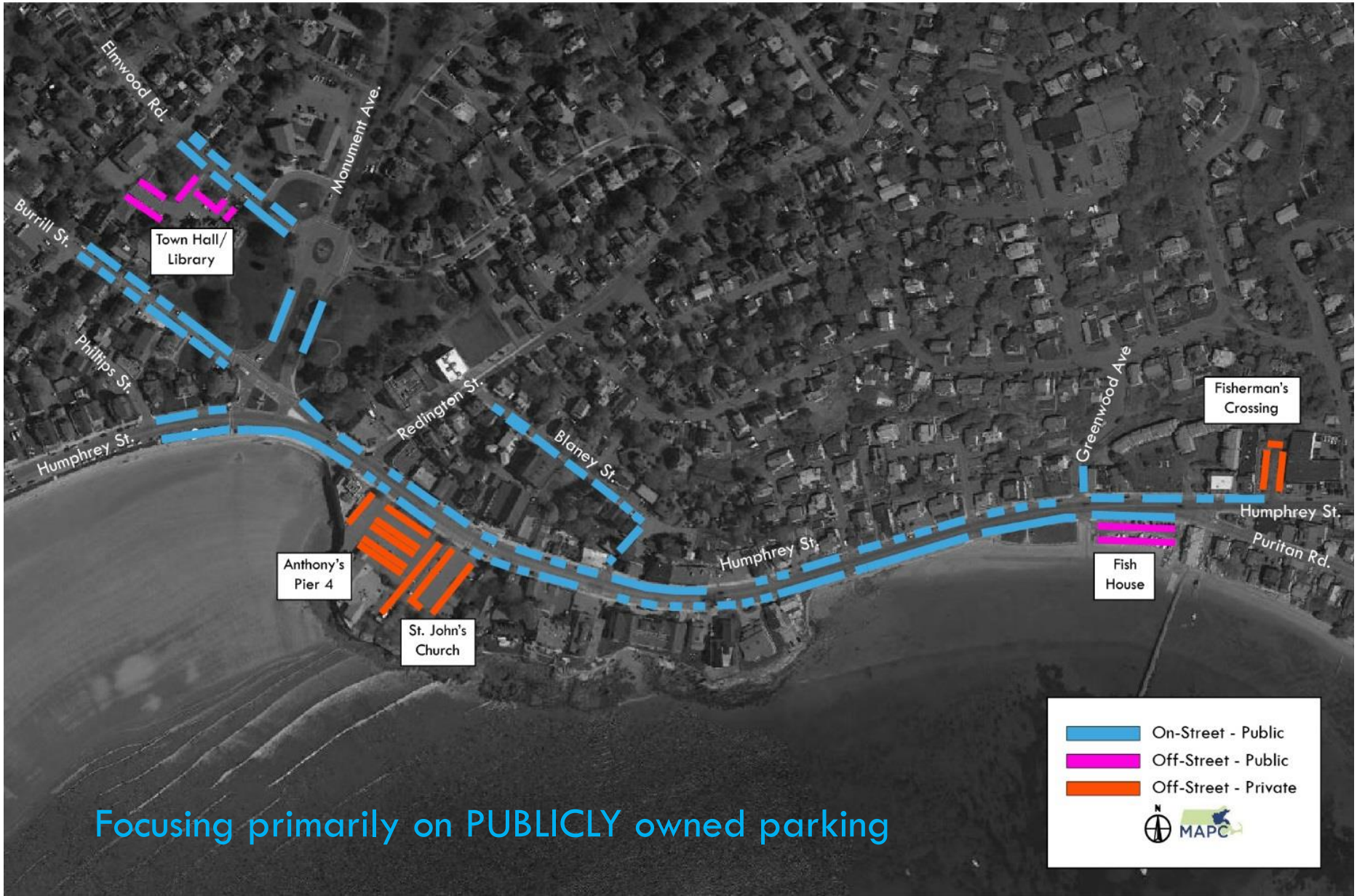
Data Collection



Answer Questions:

- Parking Regulations
- Occupancy vs. Capacity
- Duration
- Peak Areas
- Enforcement
- Off-Street Parking
- Visibility

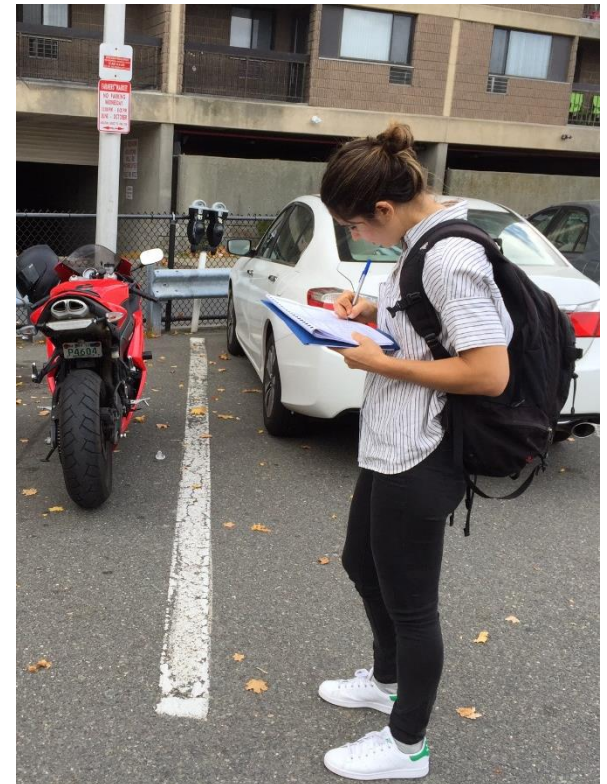
Study Area



Existing Parking Conditions



Data Collection



Parking Study

Study Area Capacity = 553 Parking Spaces

Public On-Street = 280 (51% of total)

- » 2 hour / 1 hour / 30 Min / 15 min
- » Unrestricted / Unsigned
- » Residential Permit / School Permit
- » Handicap
- » Loading

Public Off-Street Lots = 82 (15% of total)

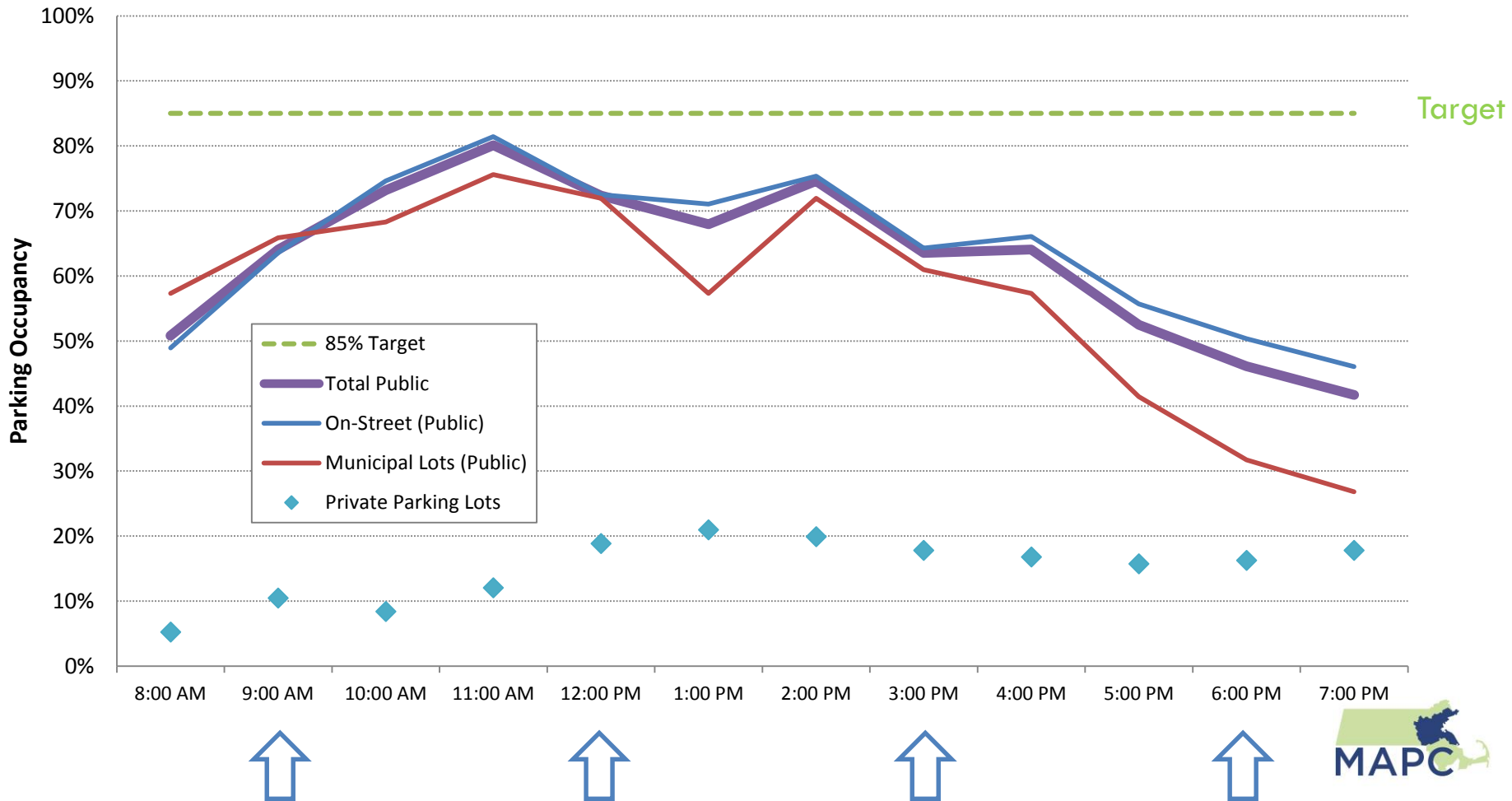
- » Town Hall/Library
- » Fish House

Private = 191 (34% of total)

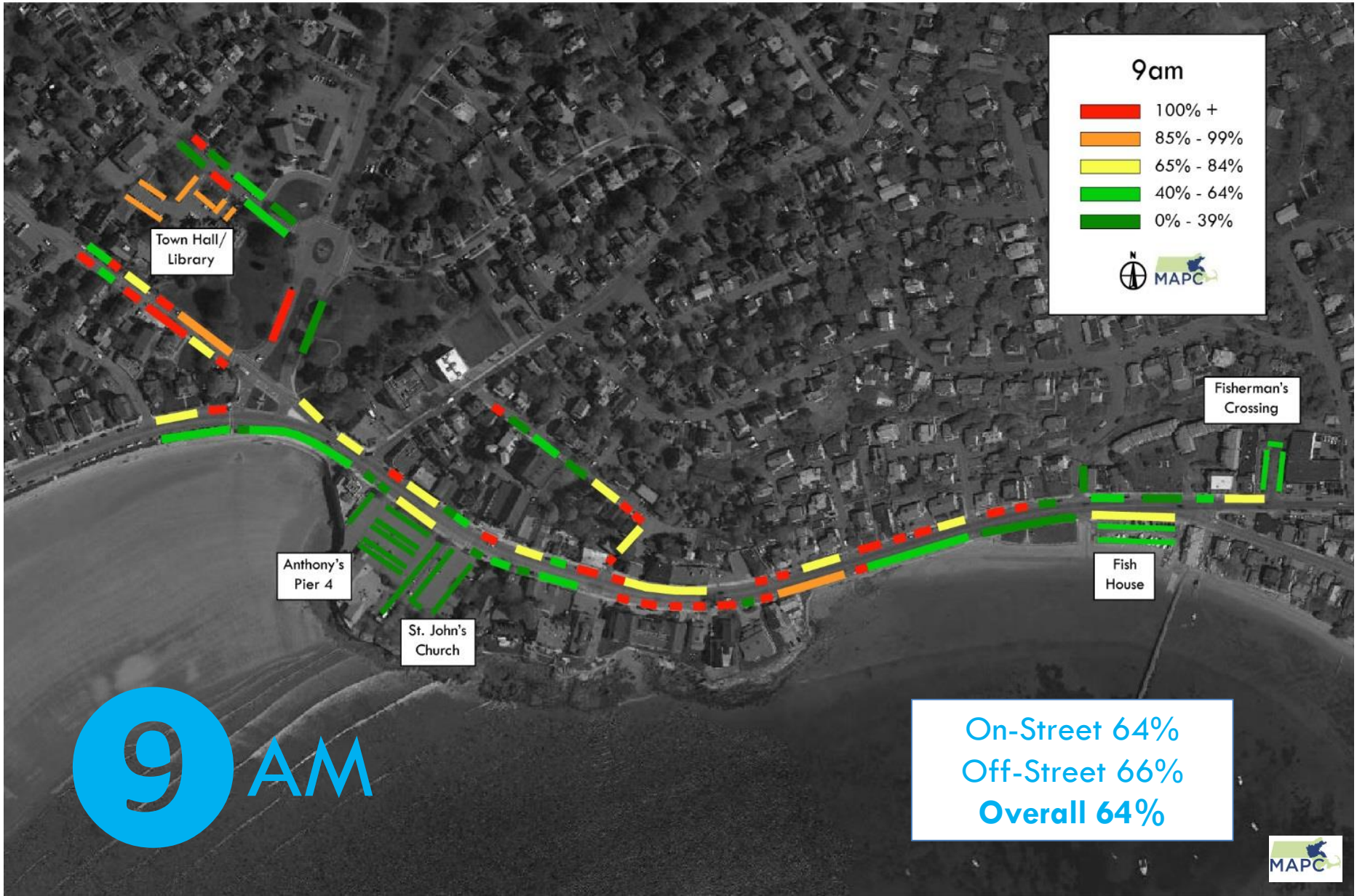
- » Fisherman's Crossing
- » Anthony's Pier 4
- » St. John's Church



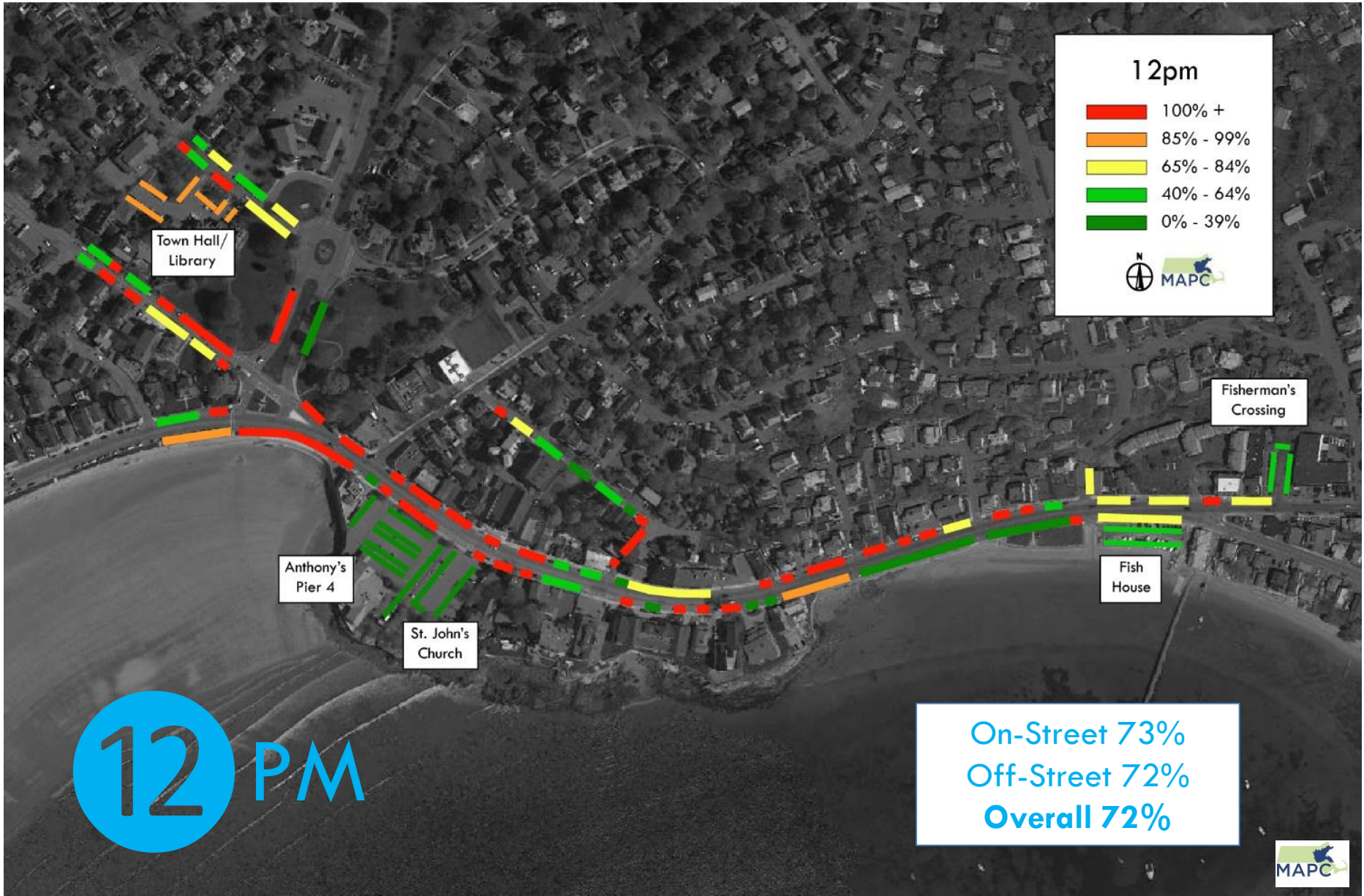
Fall Weekday Occupancy



Fall Weekday - Occupancy



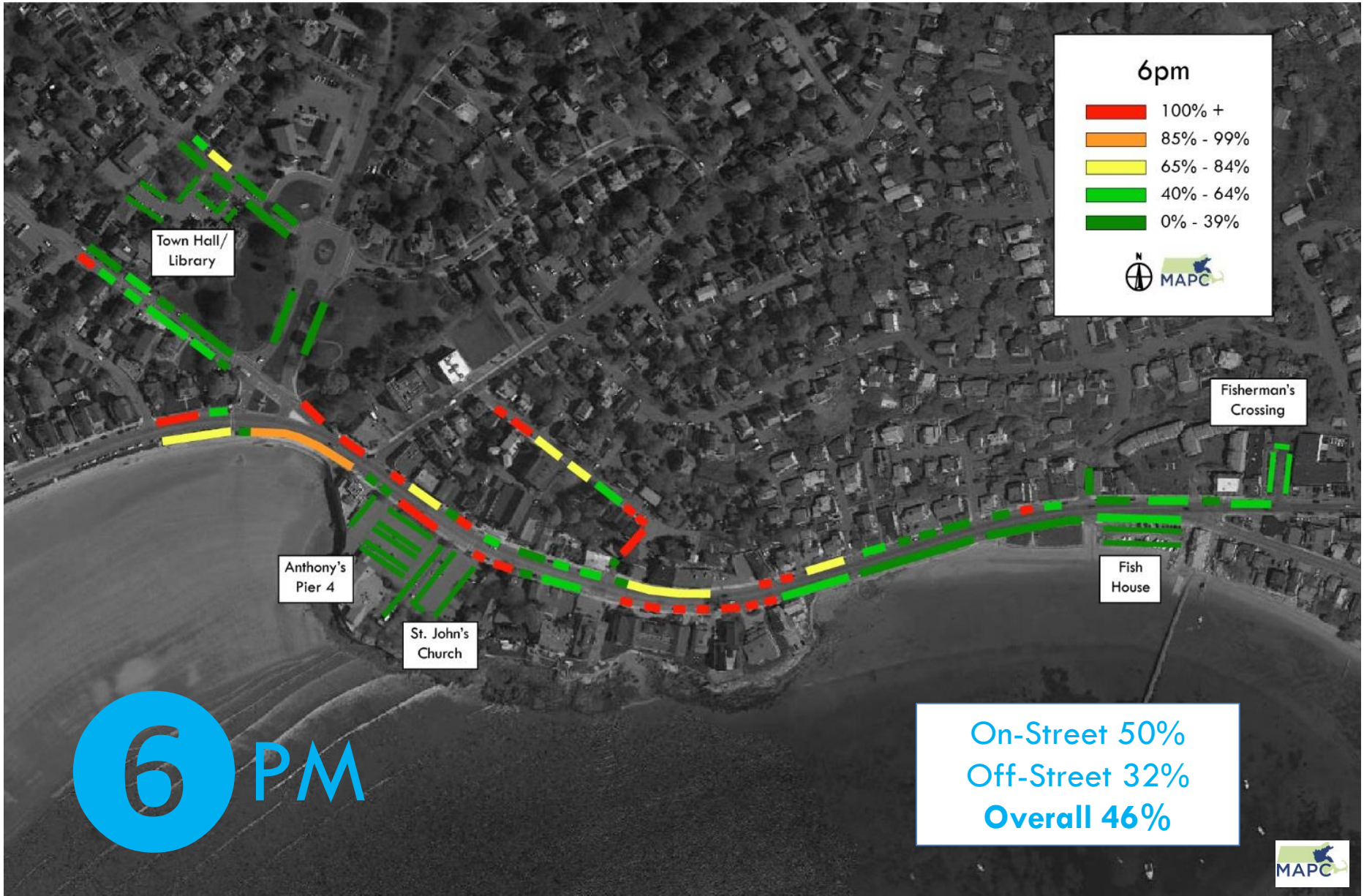
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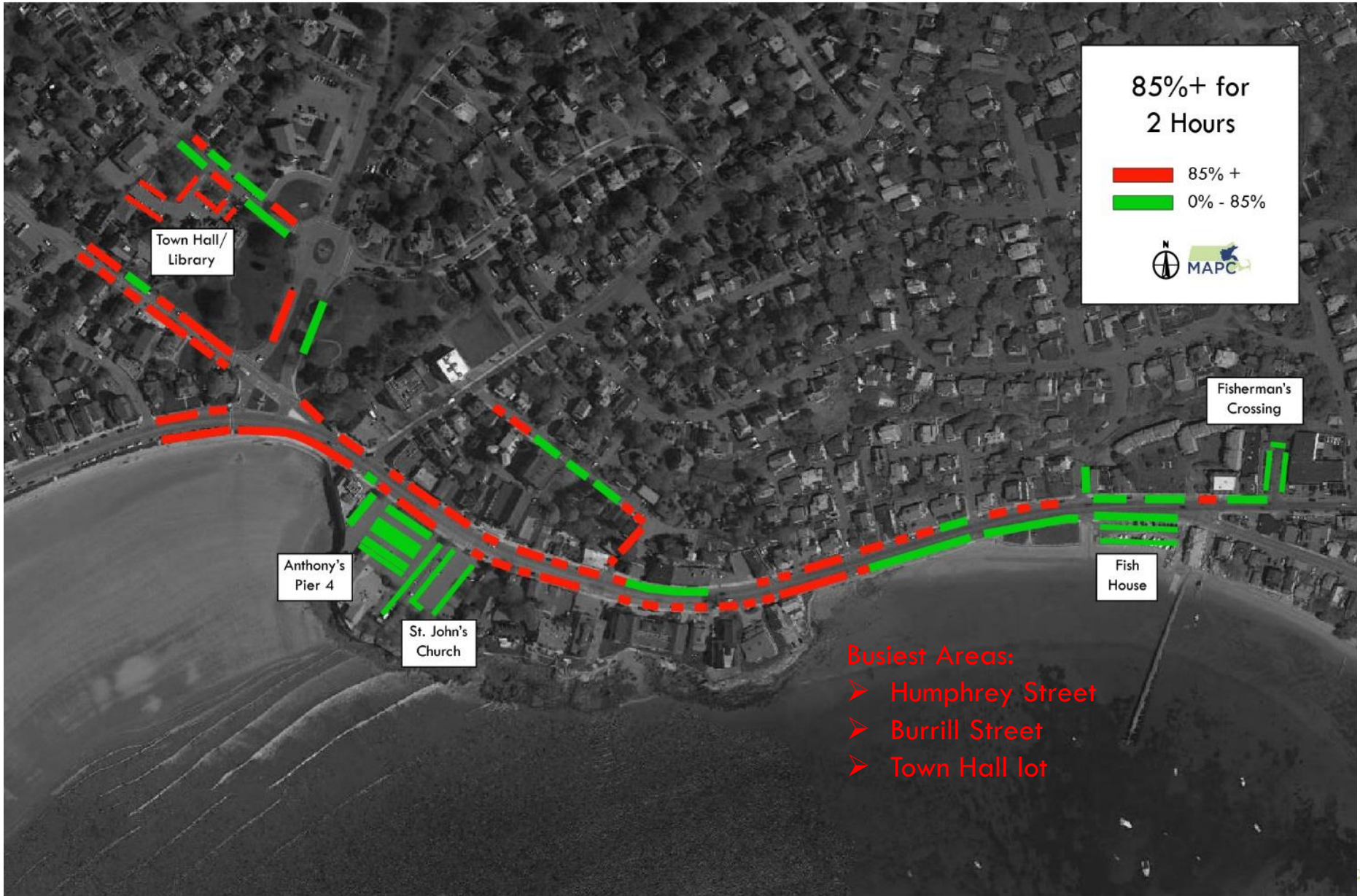
Fall Weekday - Occupancy



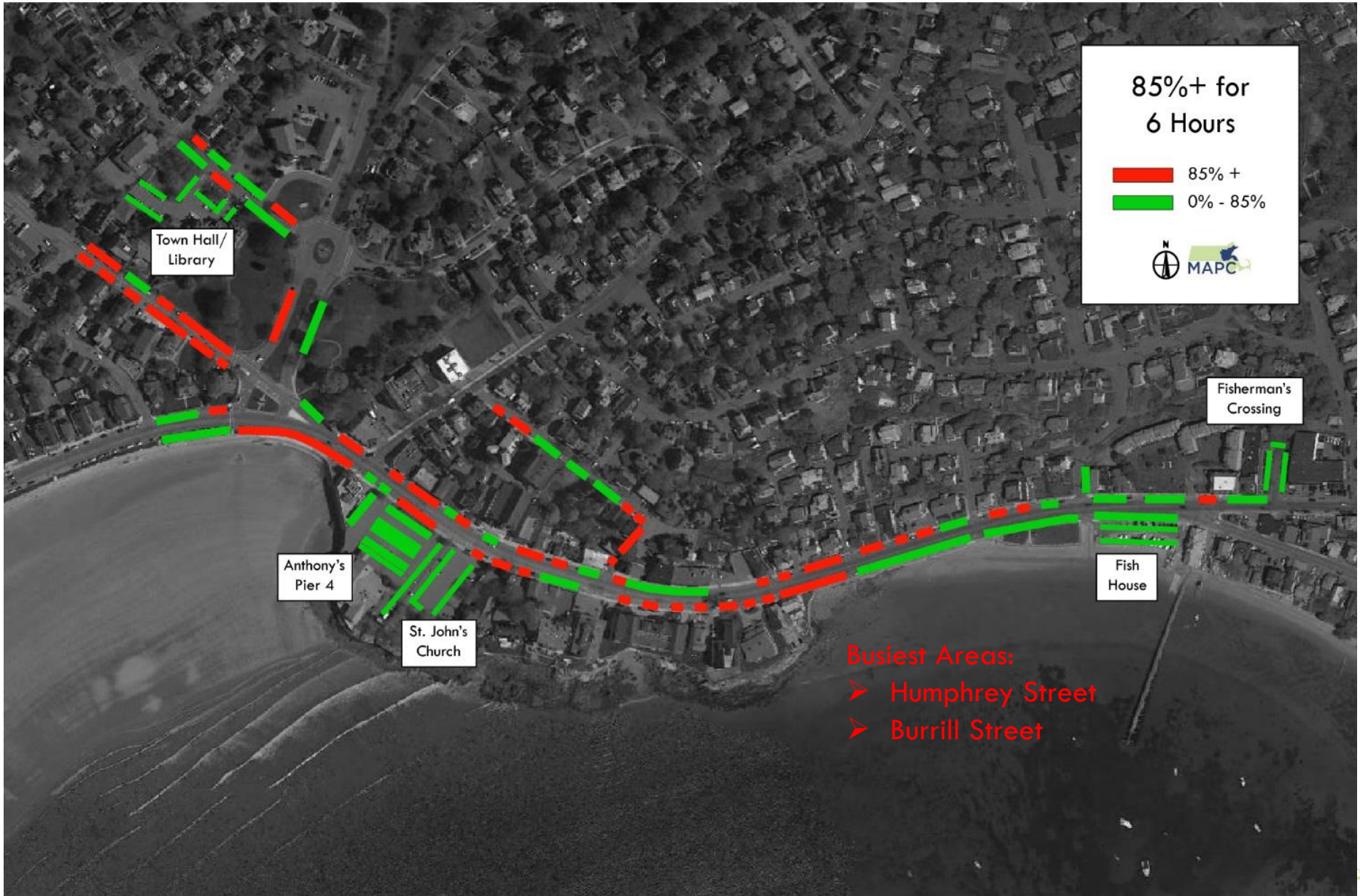
Fall Weekday - Occupancy



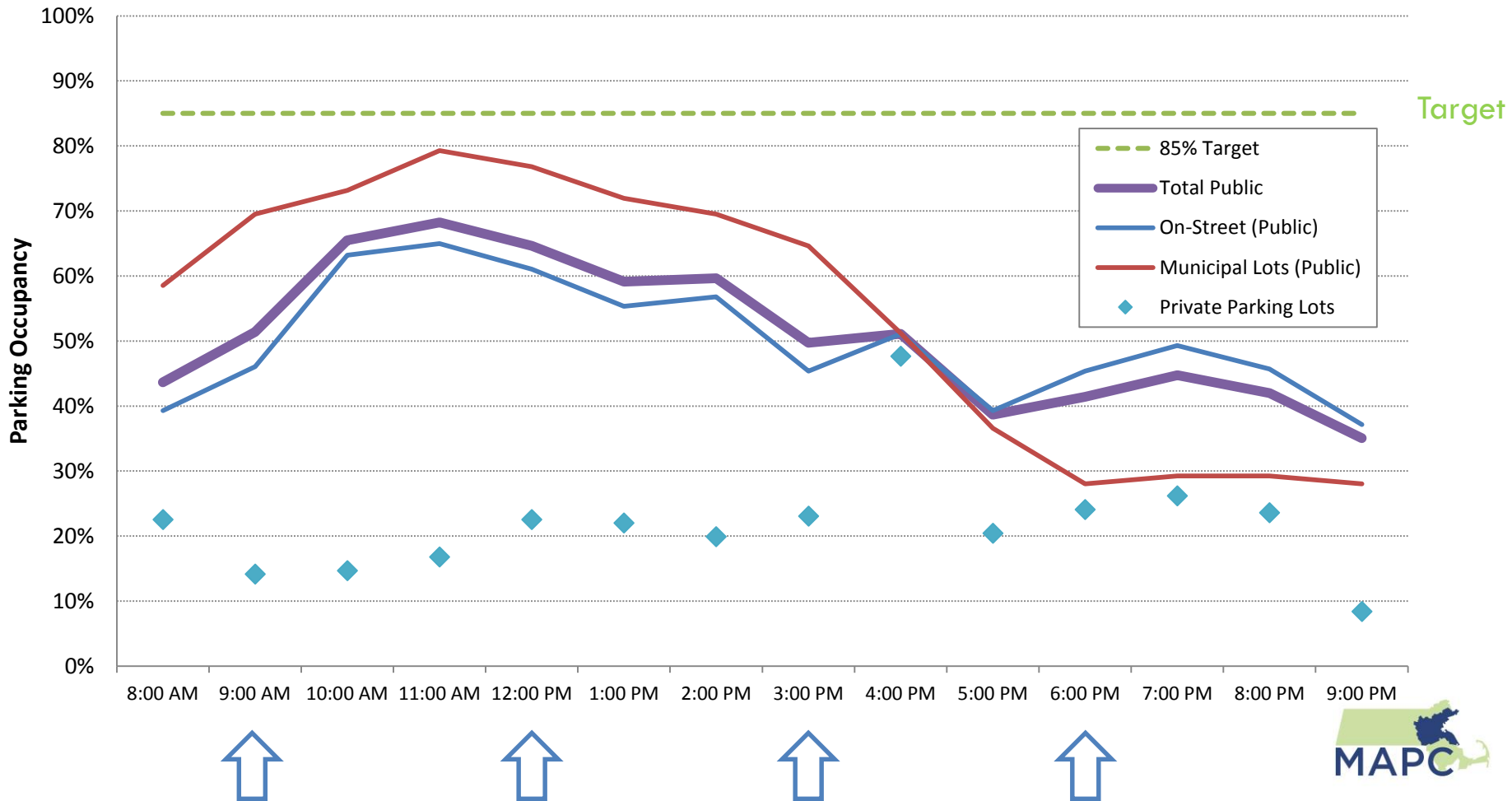
Fall Weekday - Summary



Fall Weekday - Summary



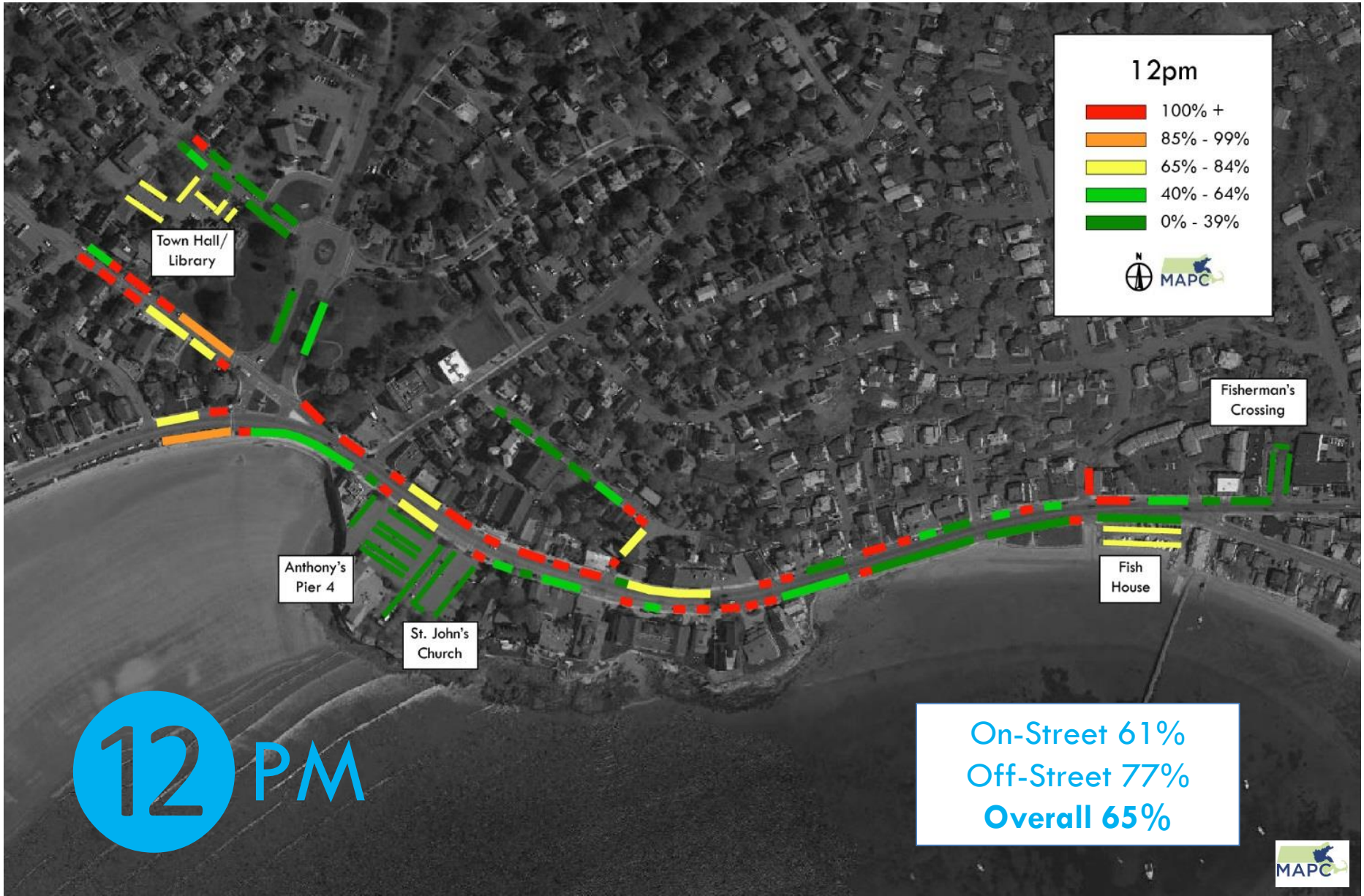
Fall Saturday Occupancy



Fall Saturday - Occupancy



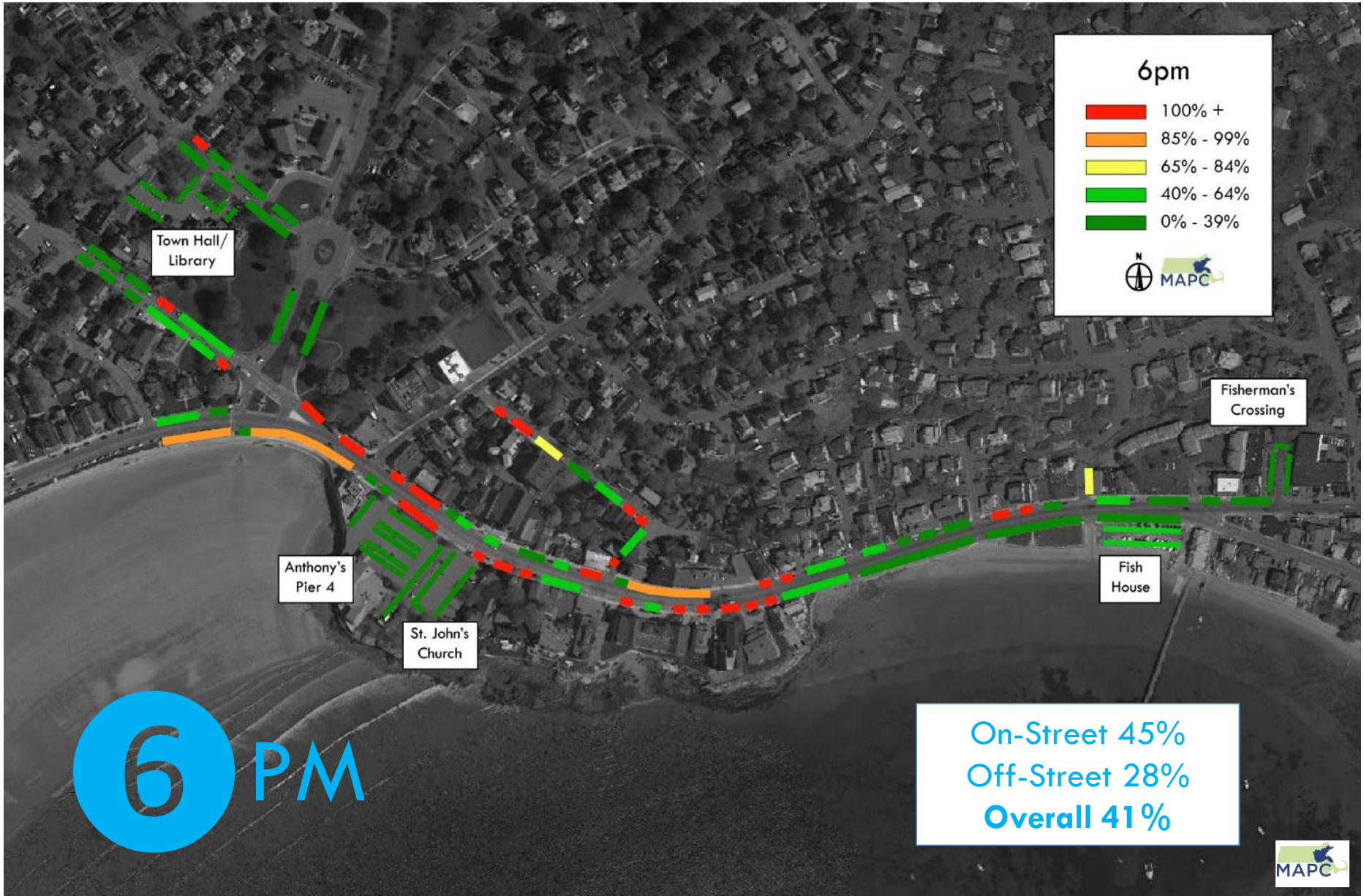
Fall Saturday - Occupancy



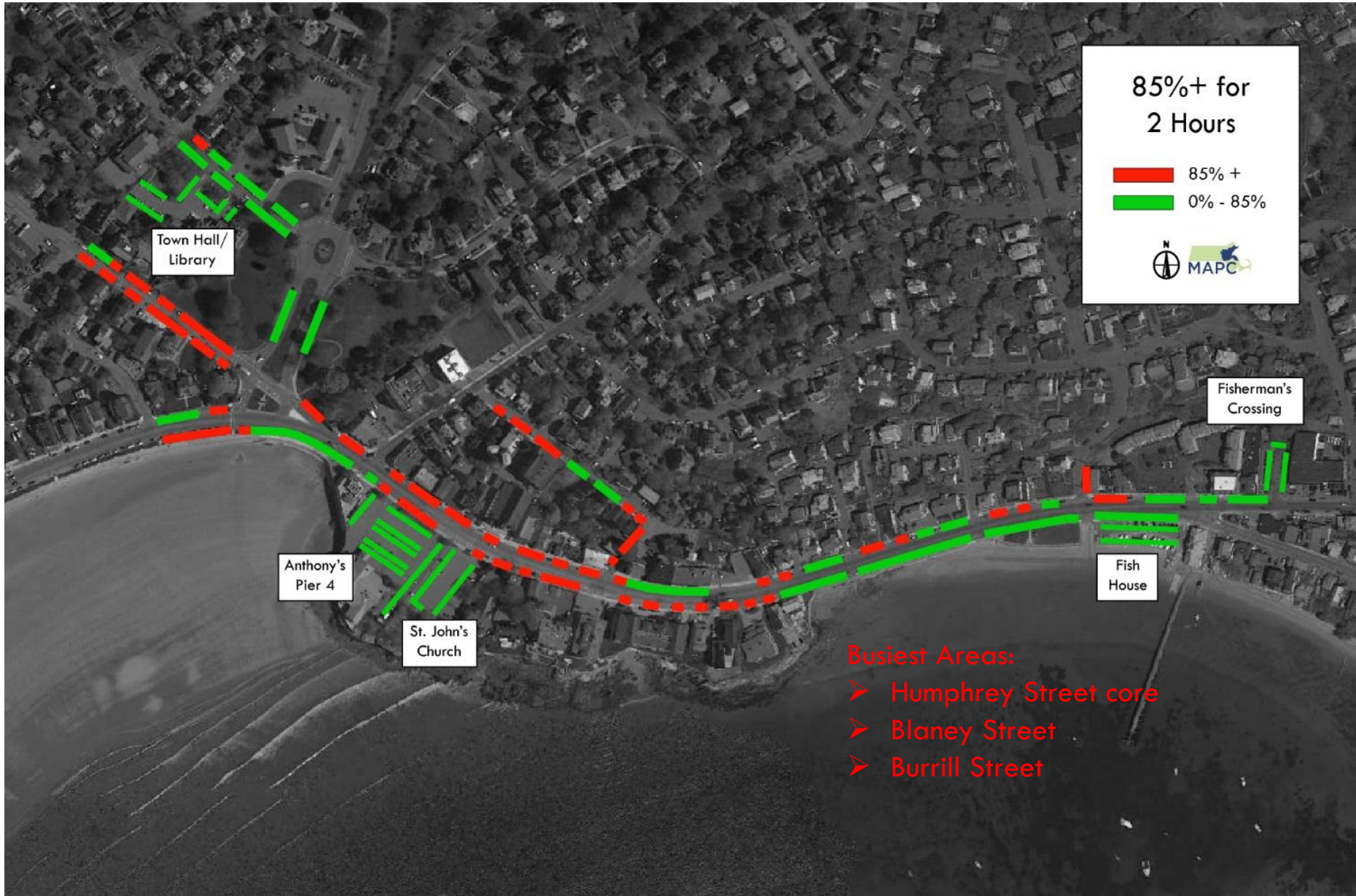
Fall Saturday - Occupancy



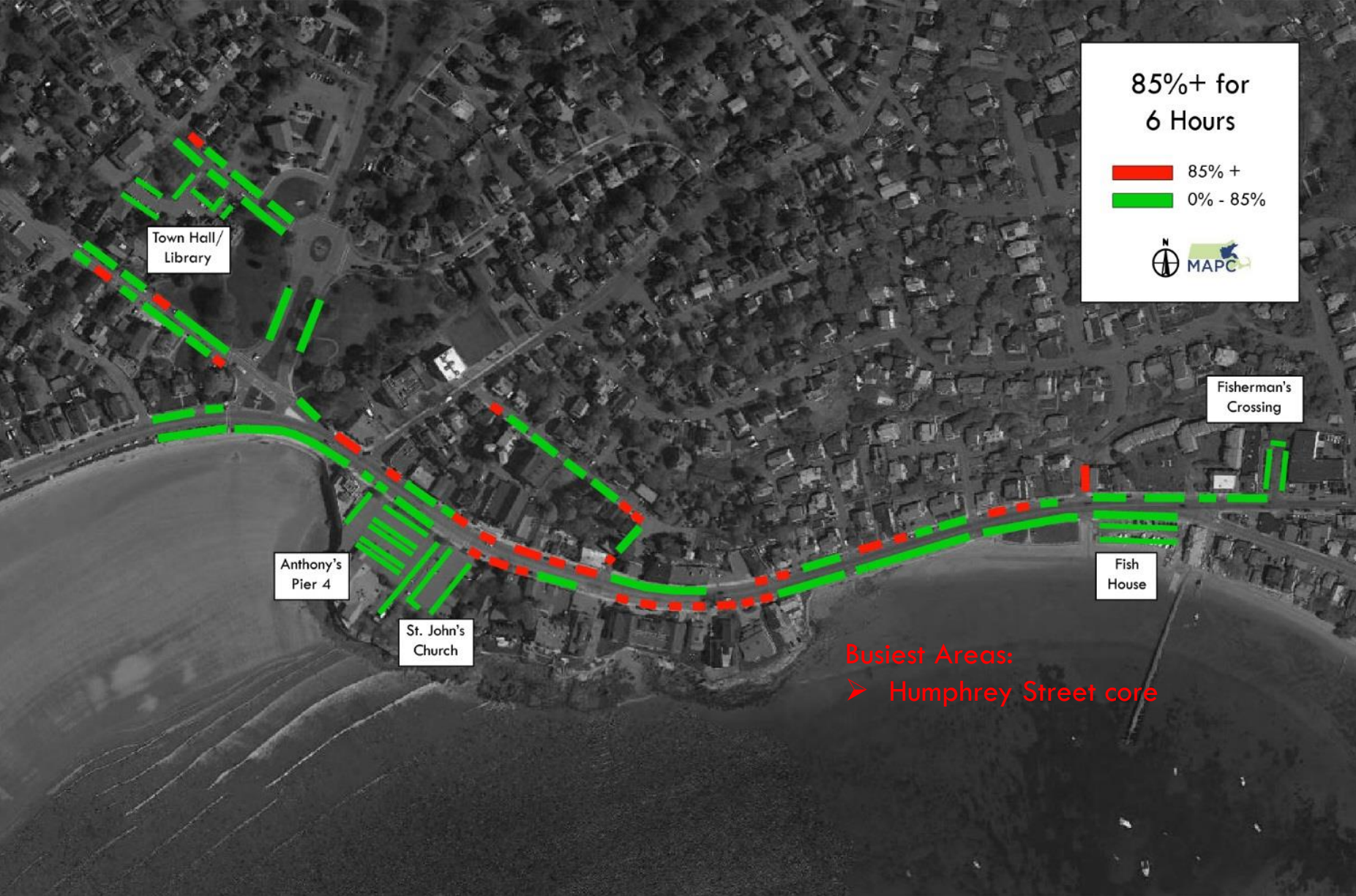
Fall Saturday - Occupancy



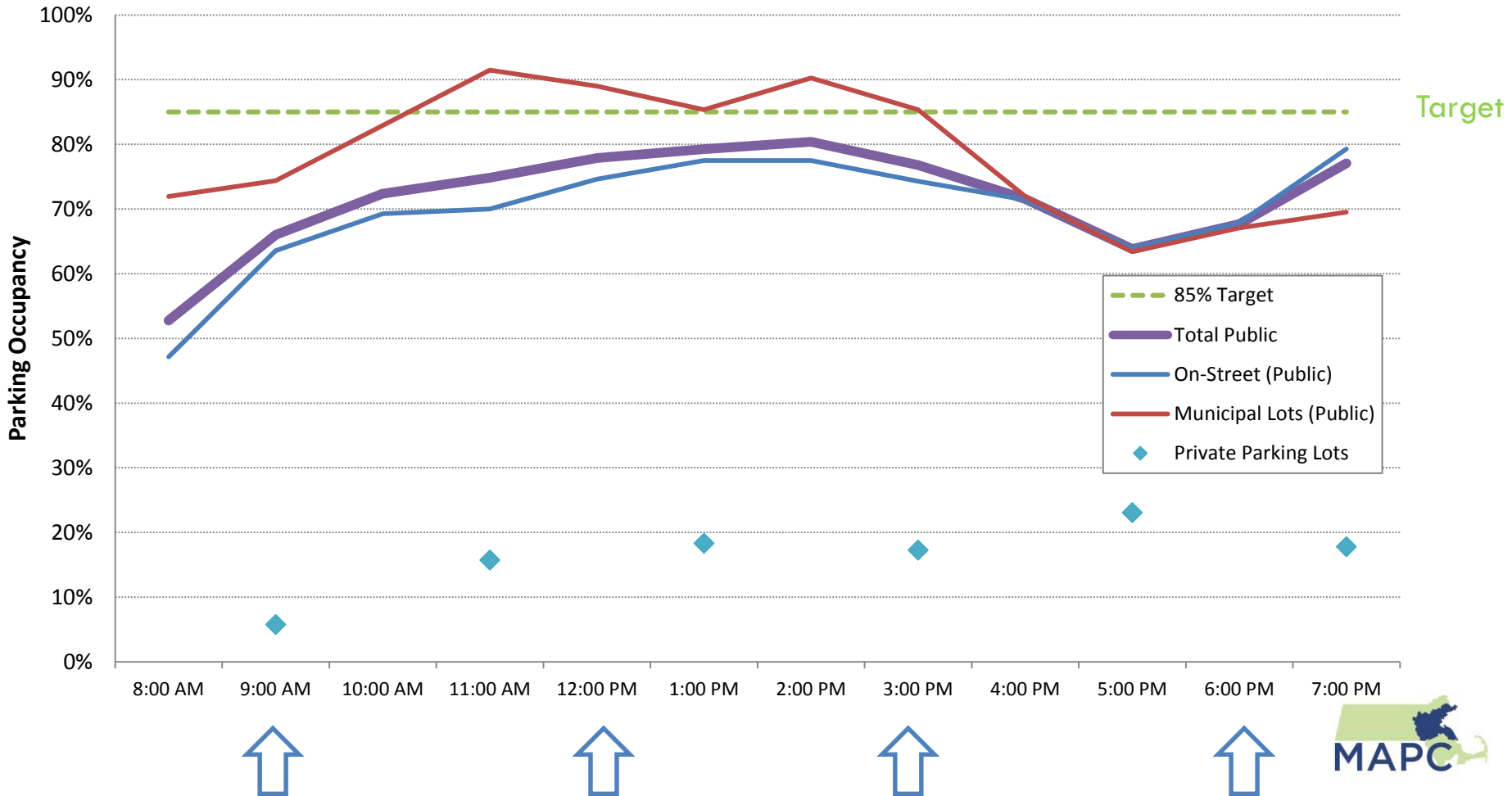
Fall Saturday - Summary



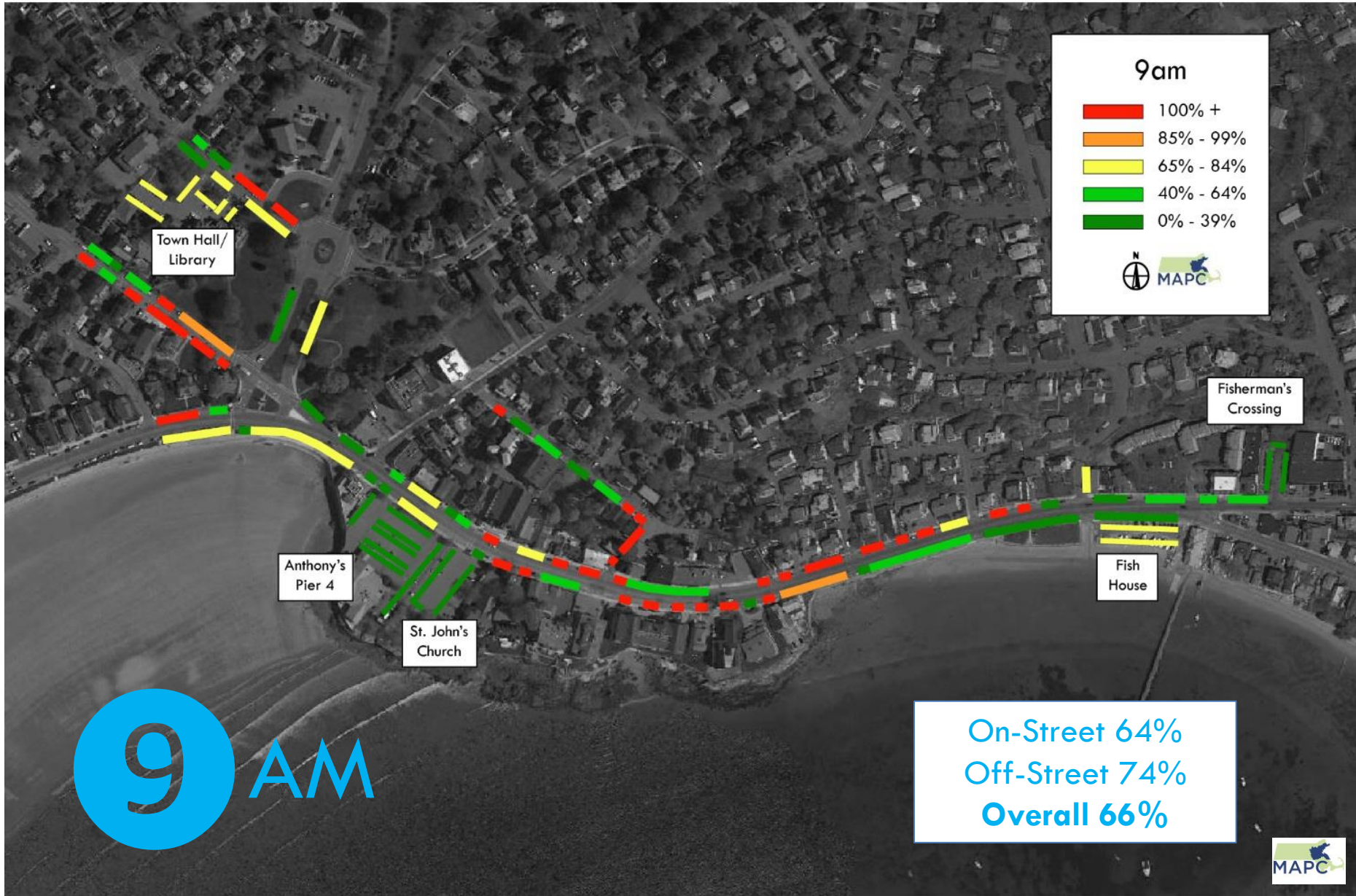
Fall Saturday - Summary



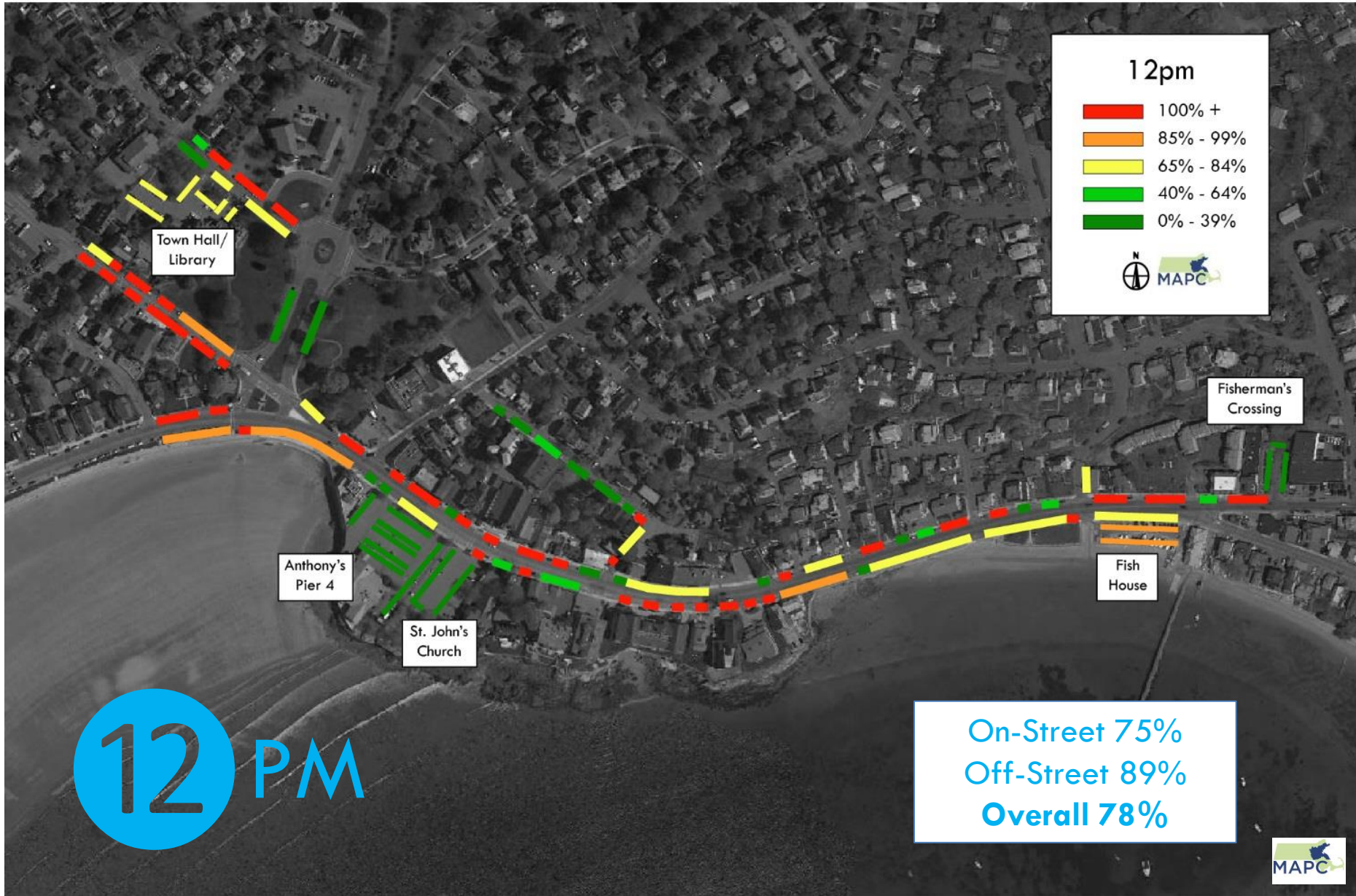
Summer Weekday Occupancy



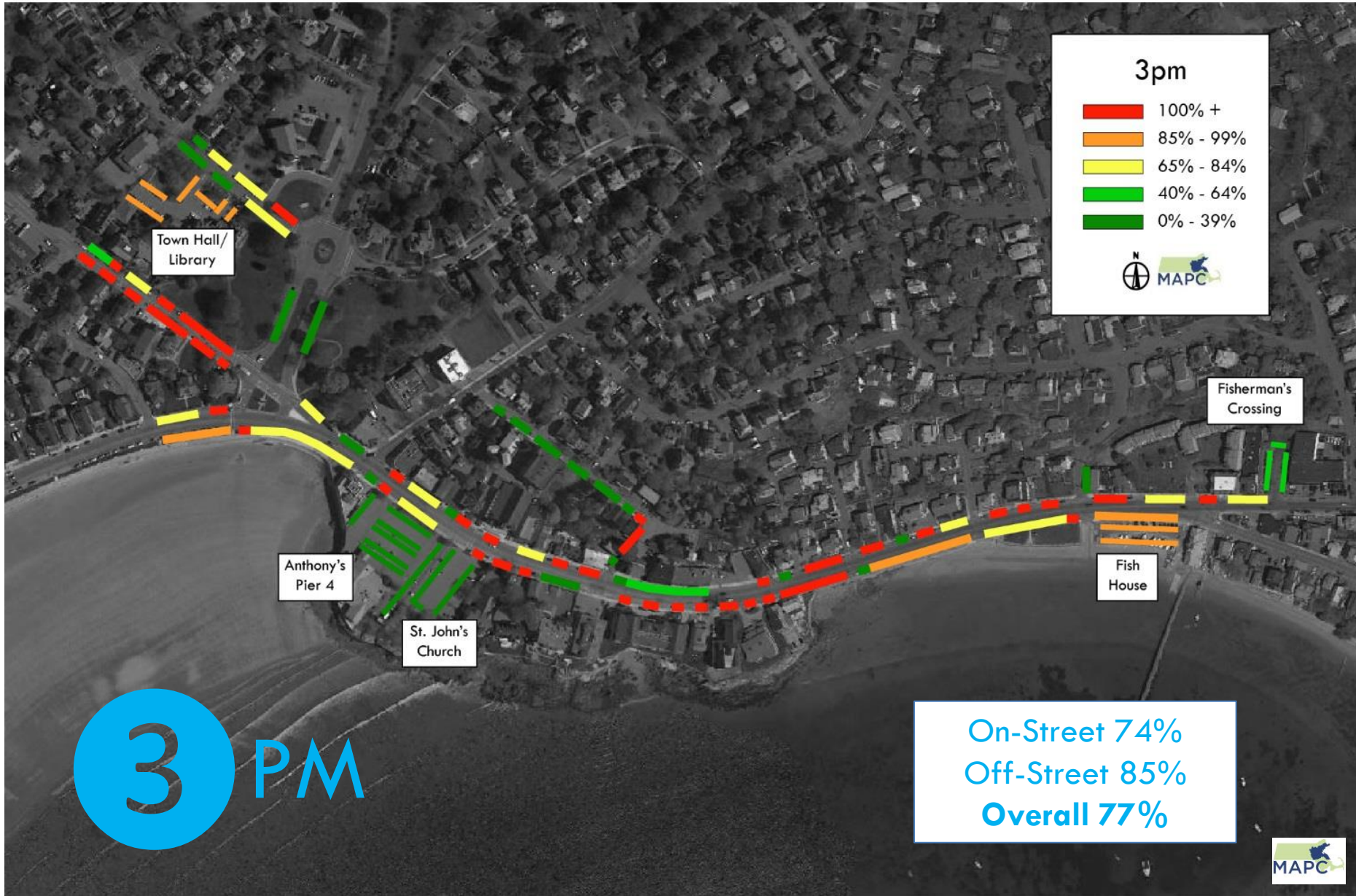
Summer Weekday - Occupancy



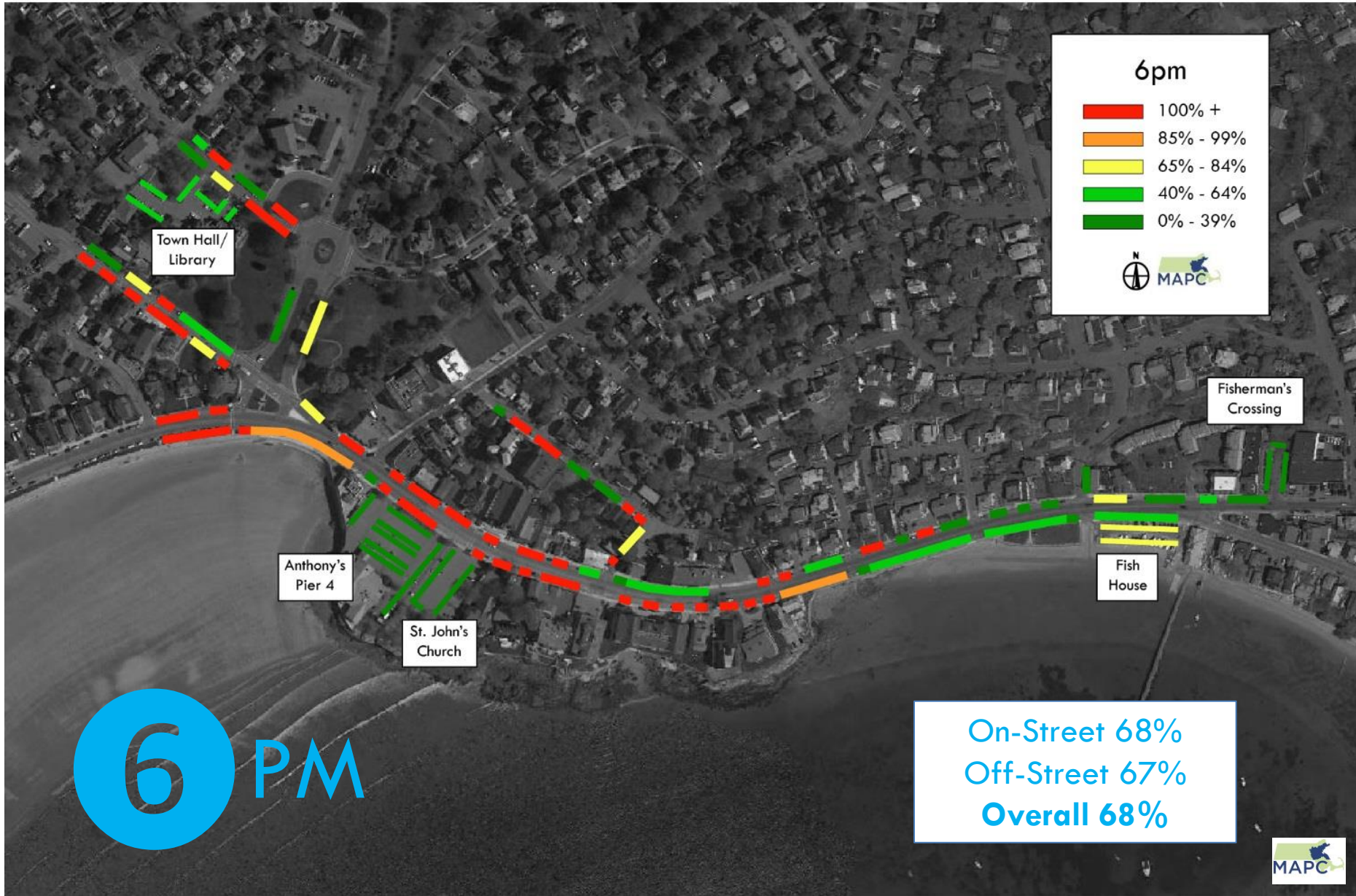
Summer Weekday - Occupancy



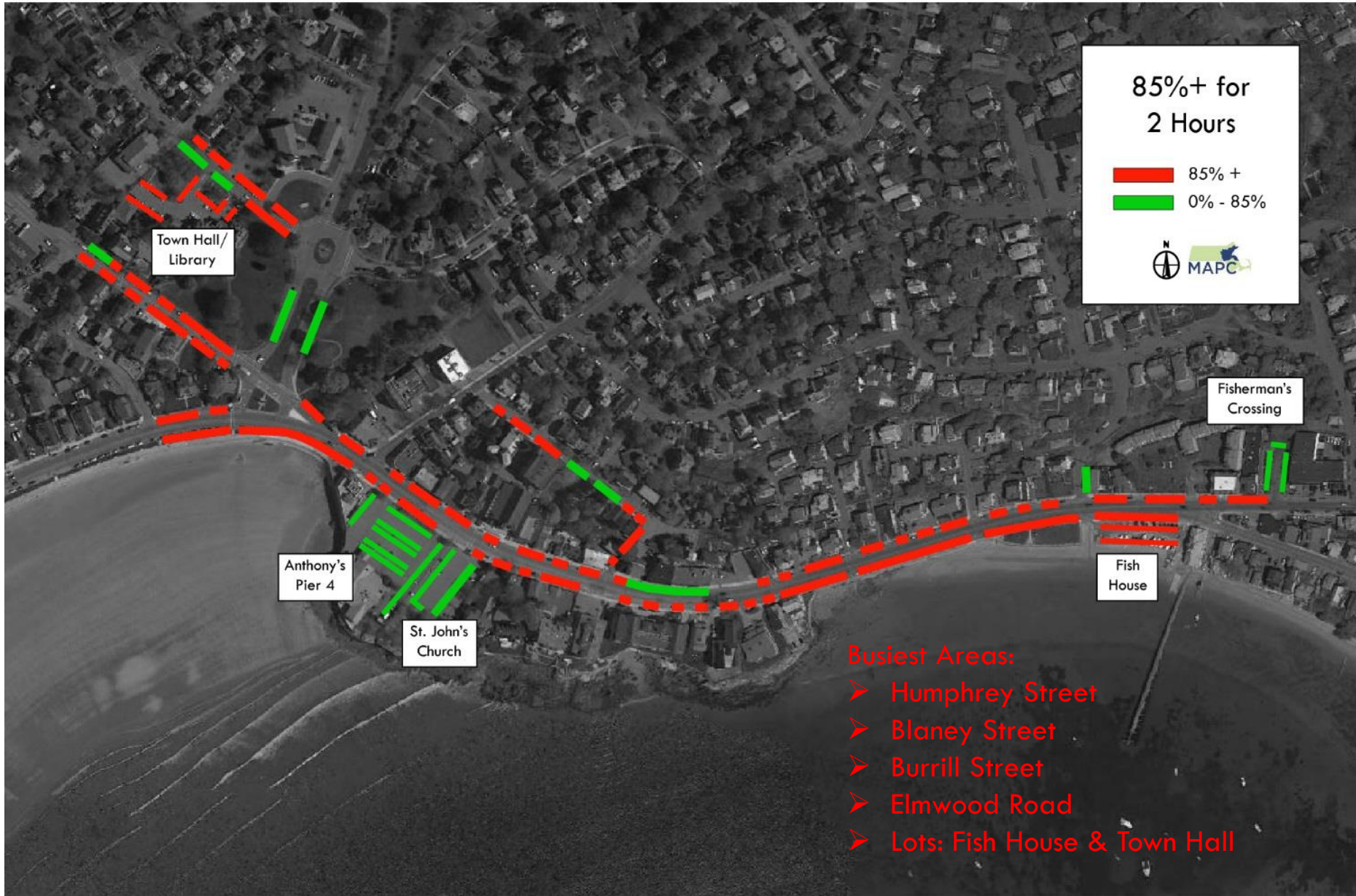
Summer Weekday - Occupancy



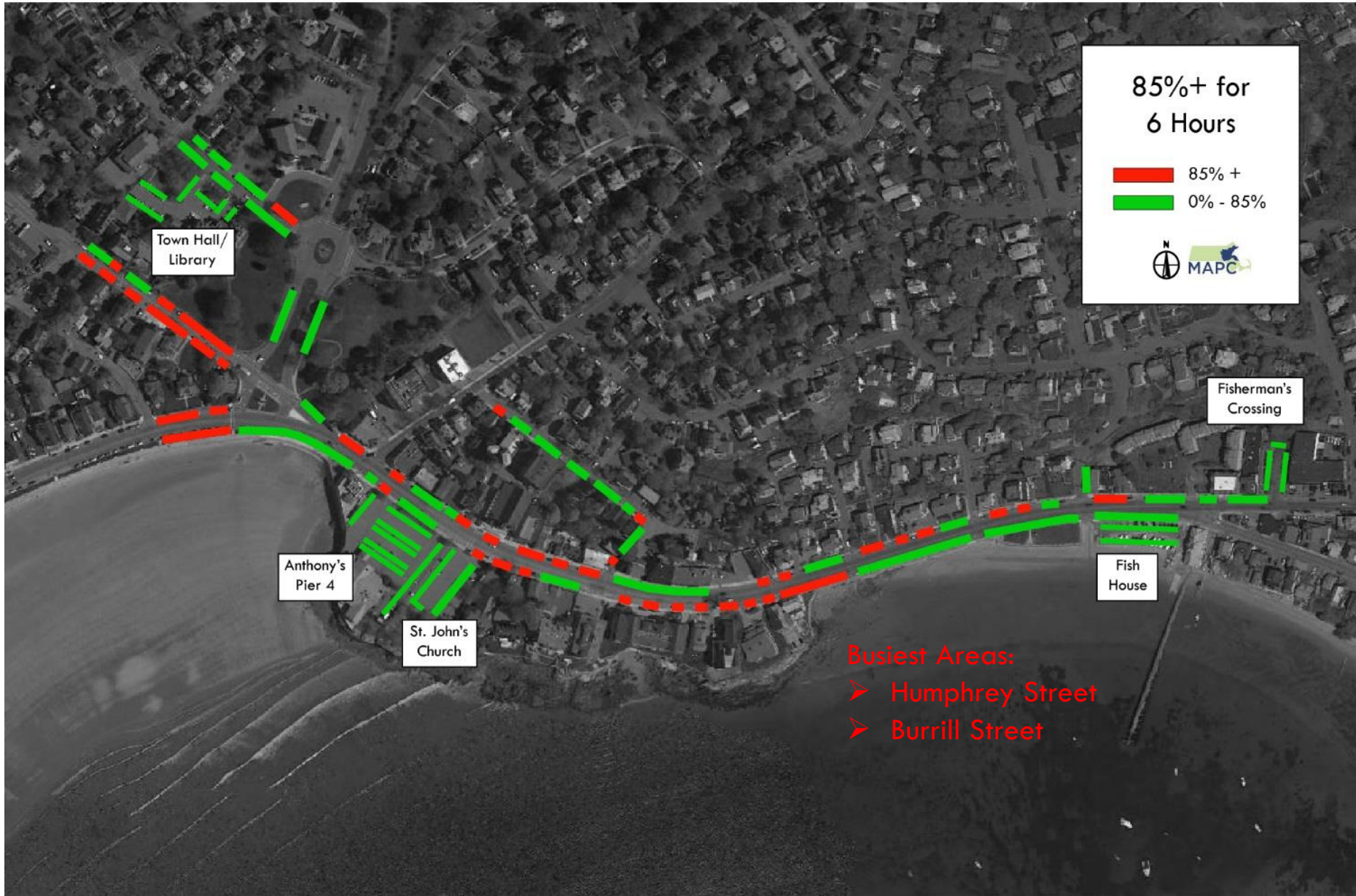
Summer Weekday - Occupancy



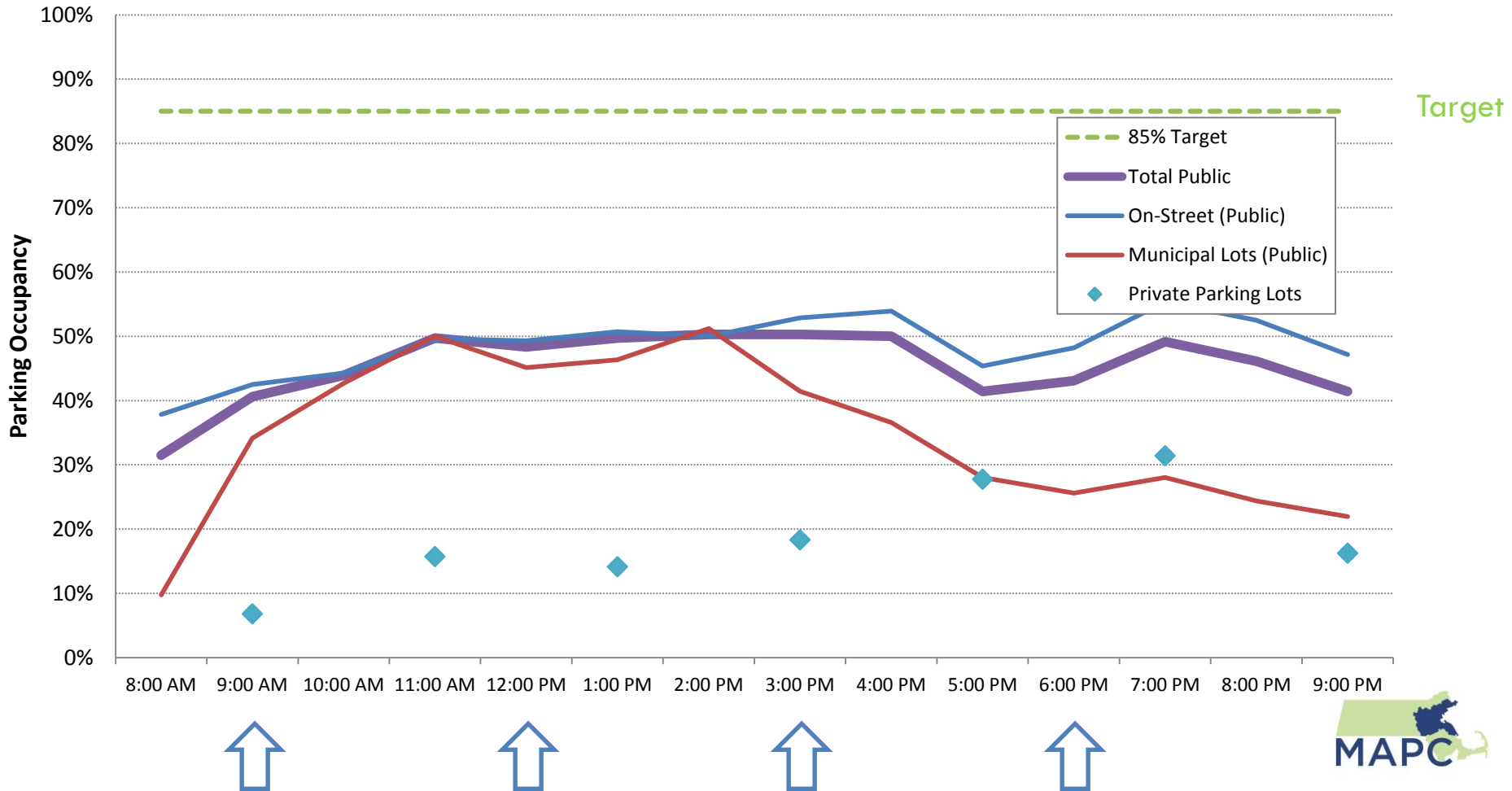
Summer Weekday - Occupancy



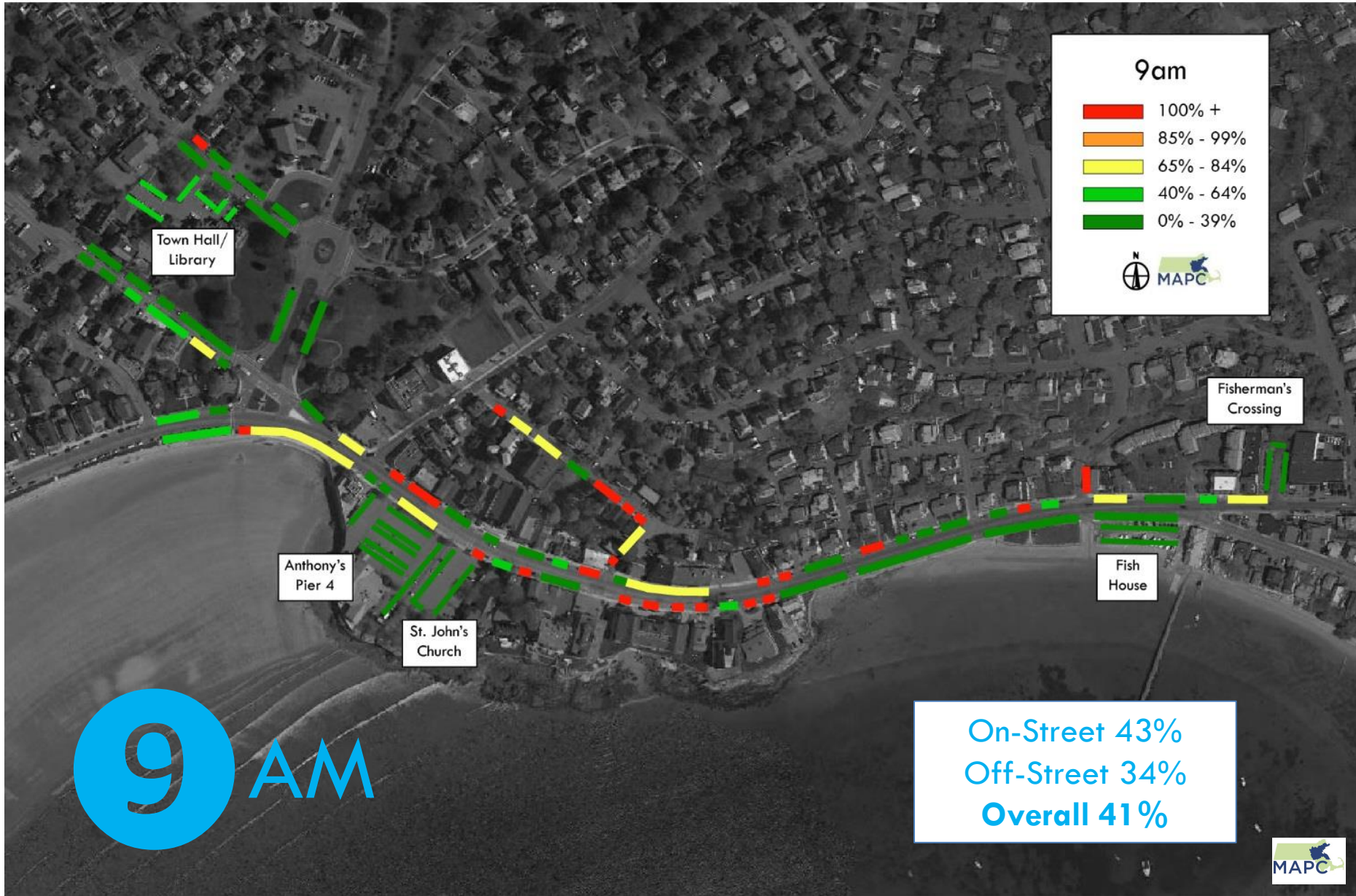
Summer Weekday - Occupancy



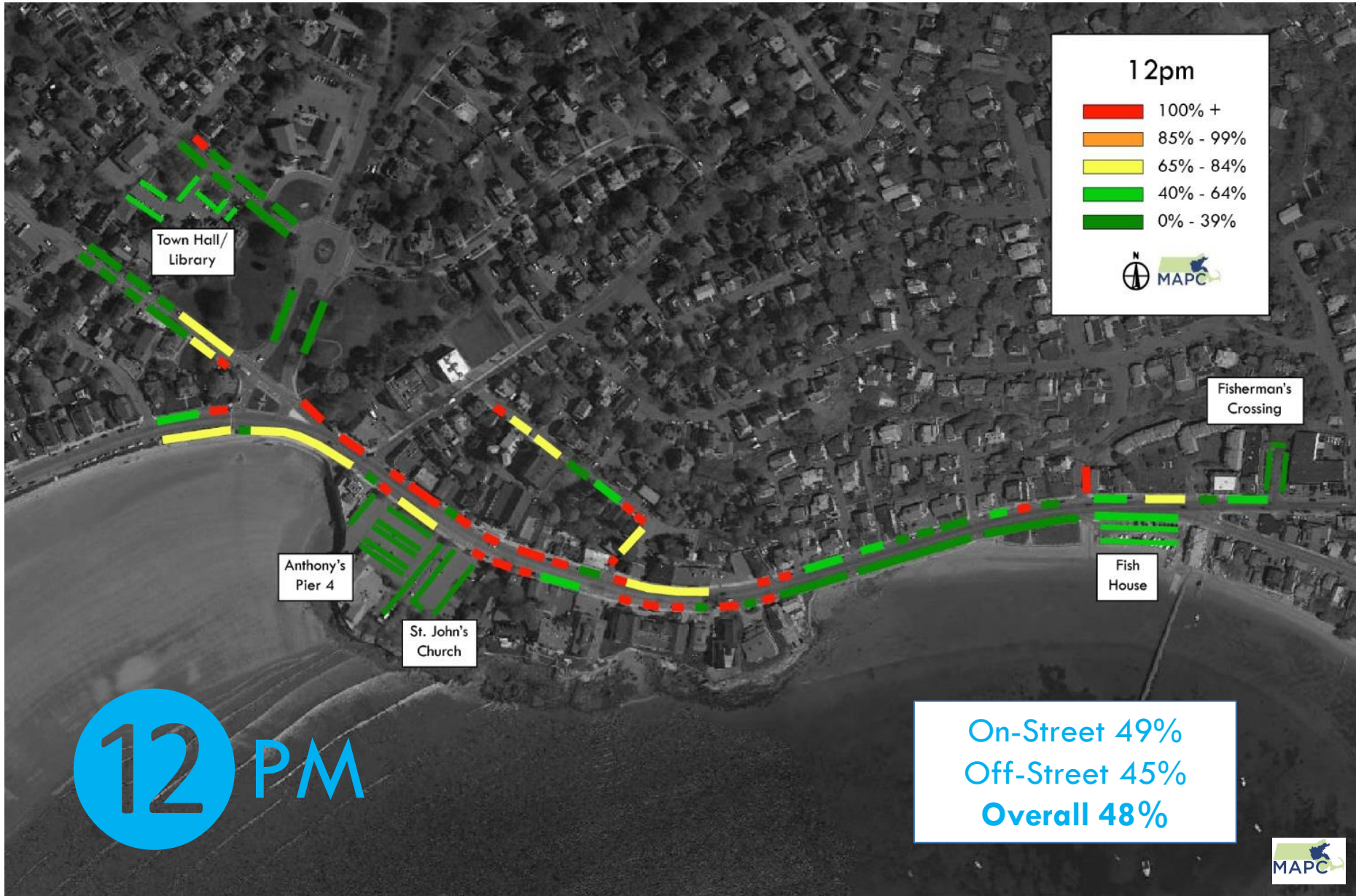
Summer Saturday Occupancy



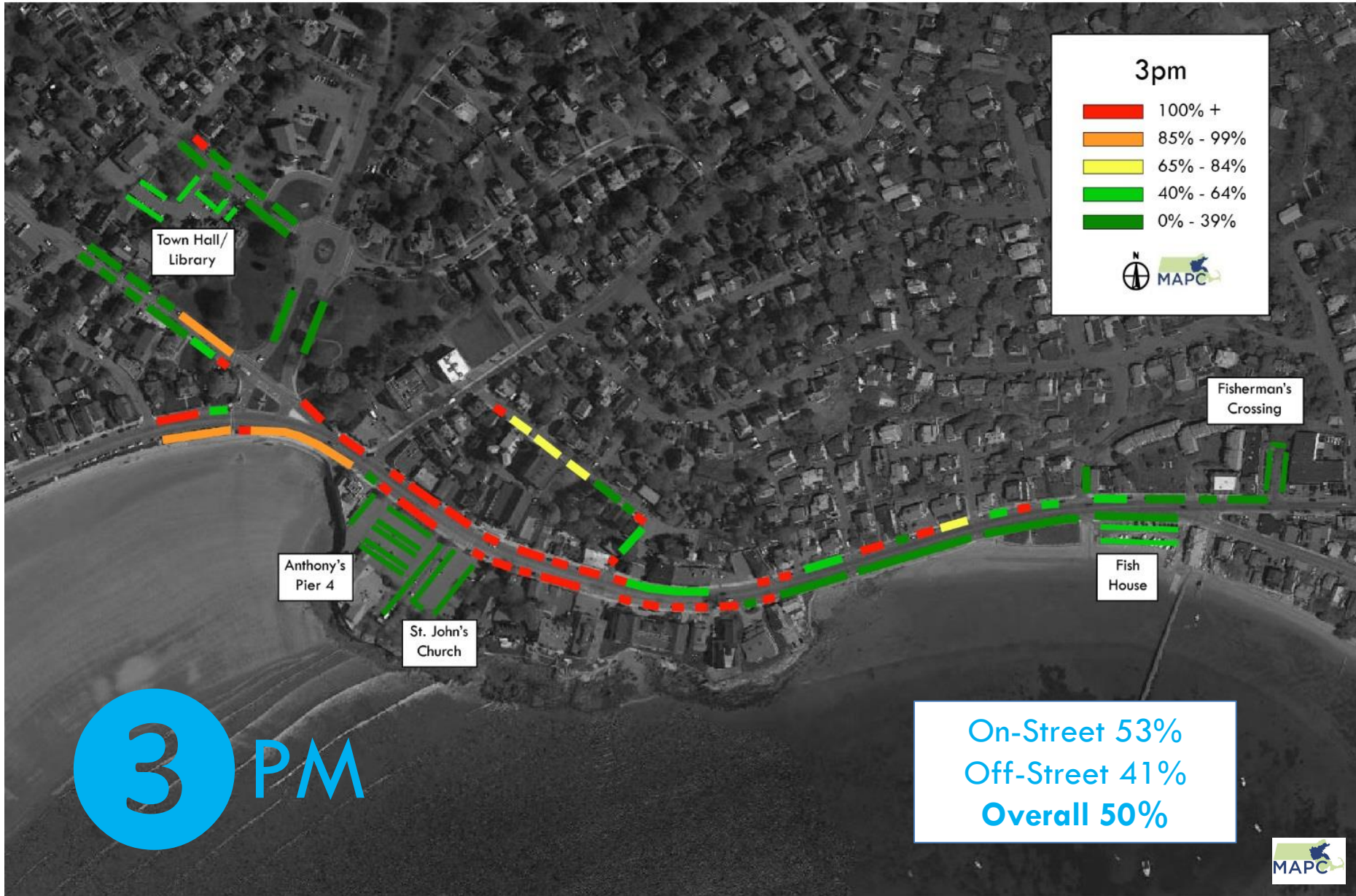
Summer Saturday - Occupancy



Summer Saturday - Occupancy



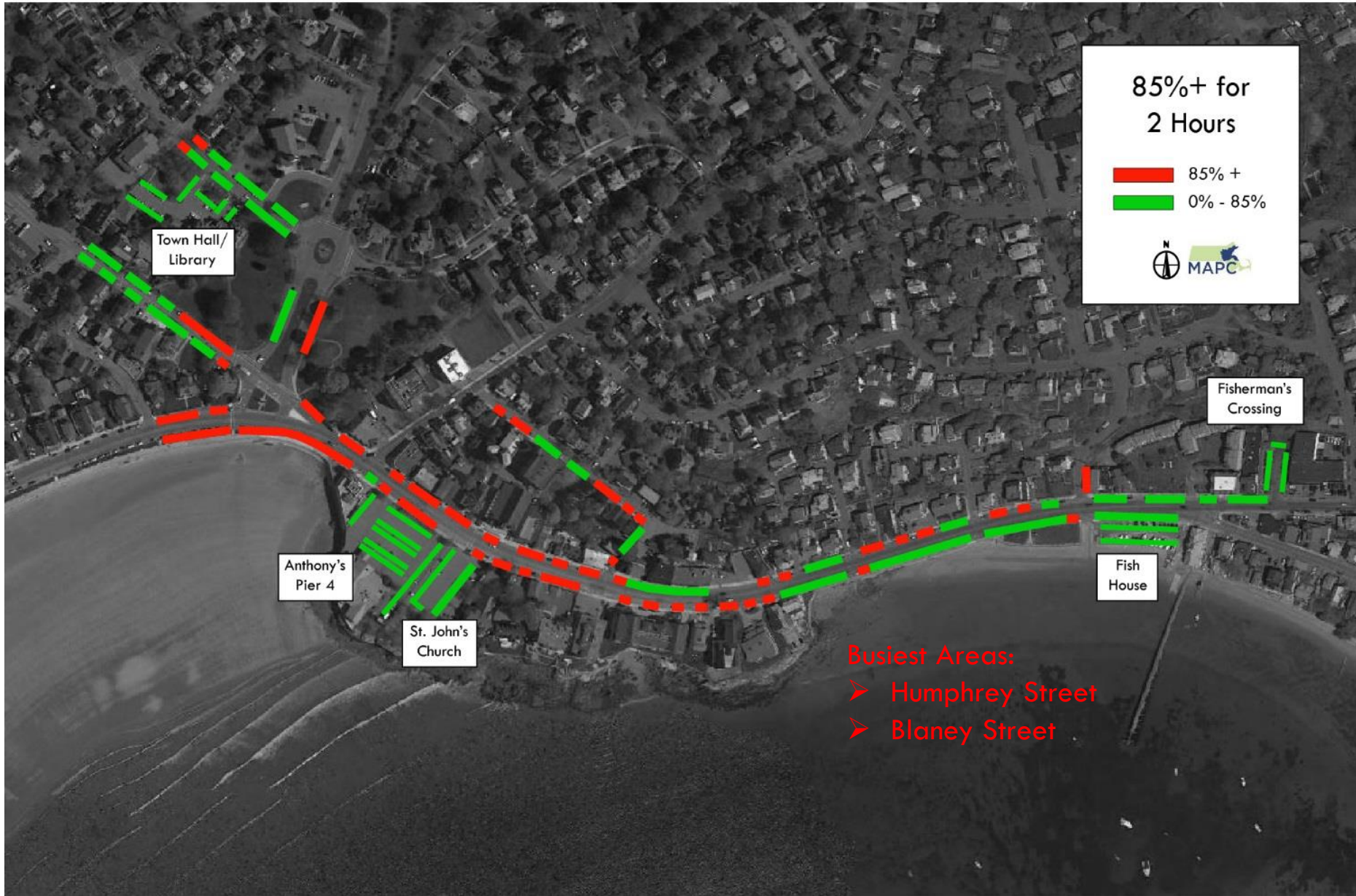
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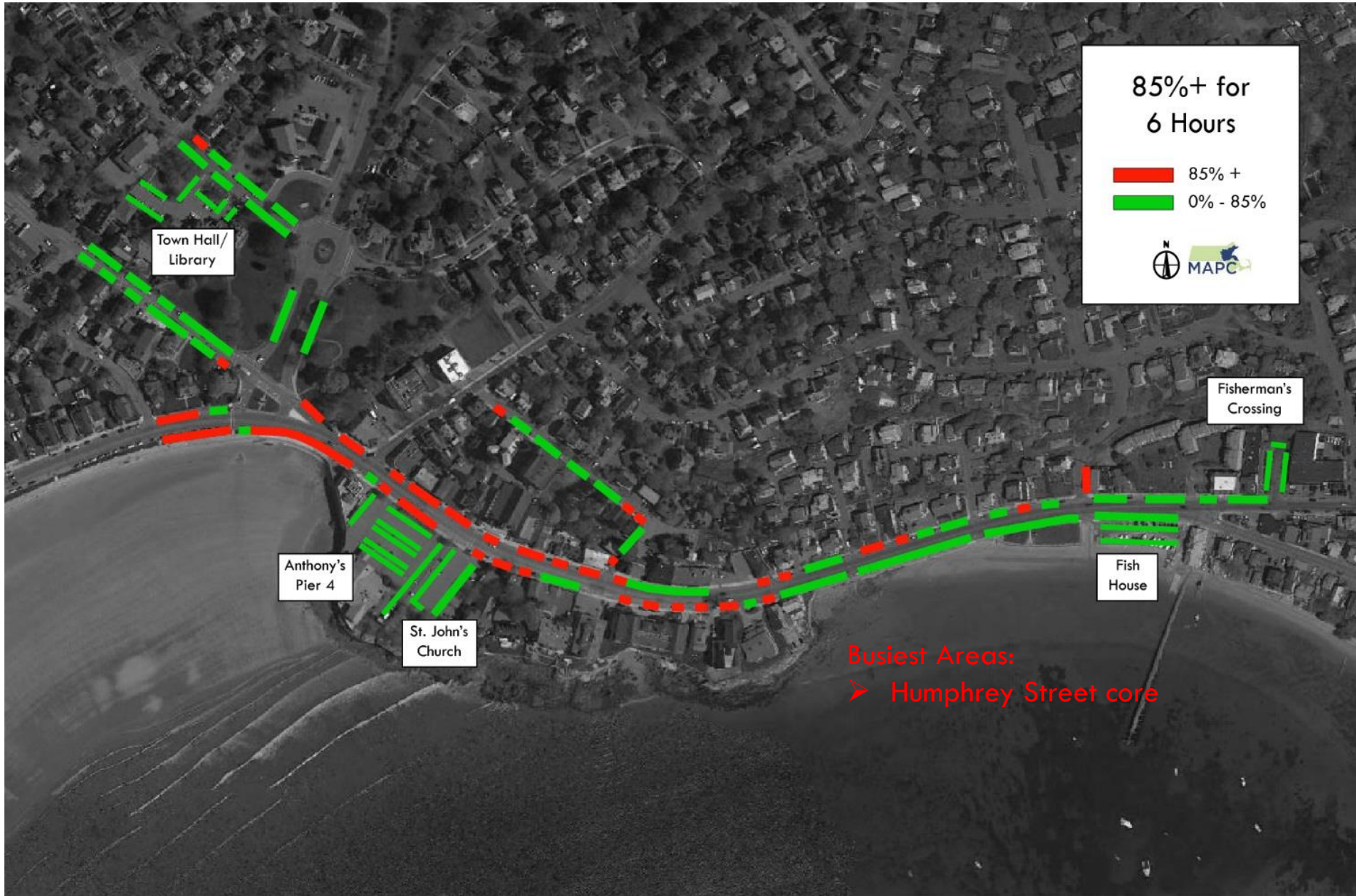
Summer Saturday - Occupancy



Summer Saturday - Occupancy



Summer Saturday - Occupancy

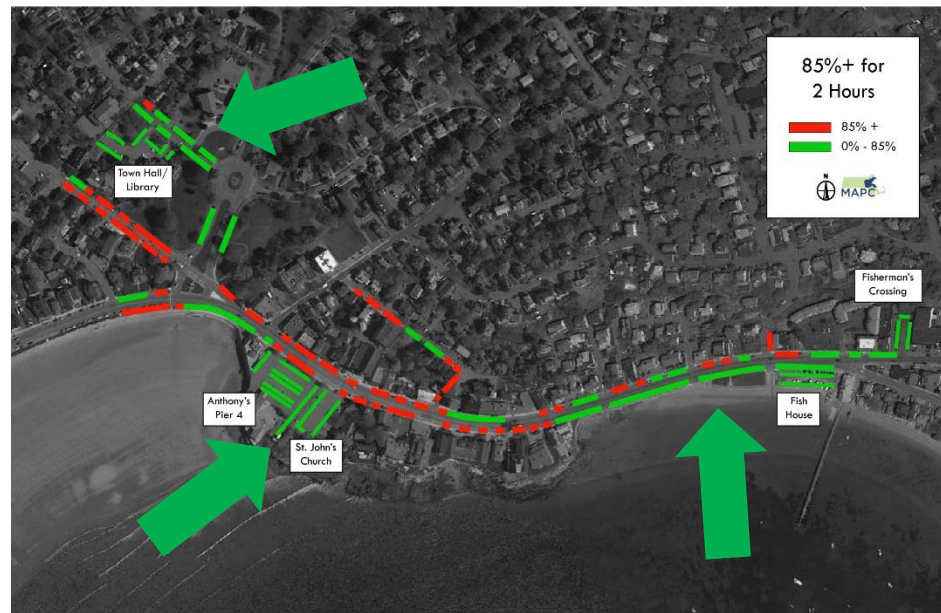




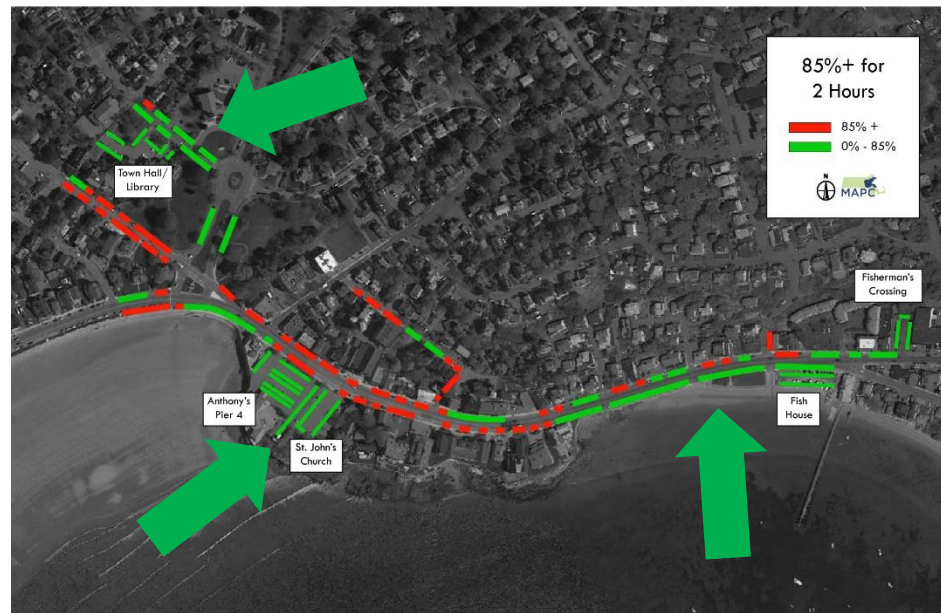
Fall Weekday - Summary



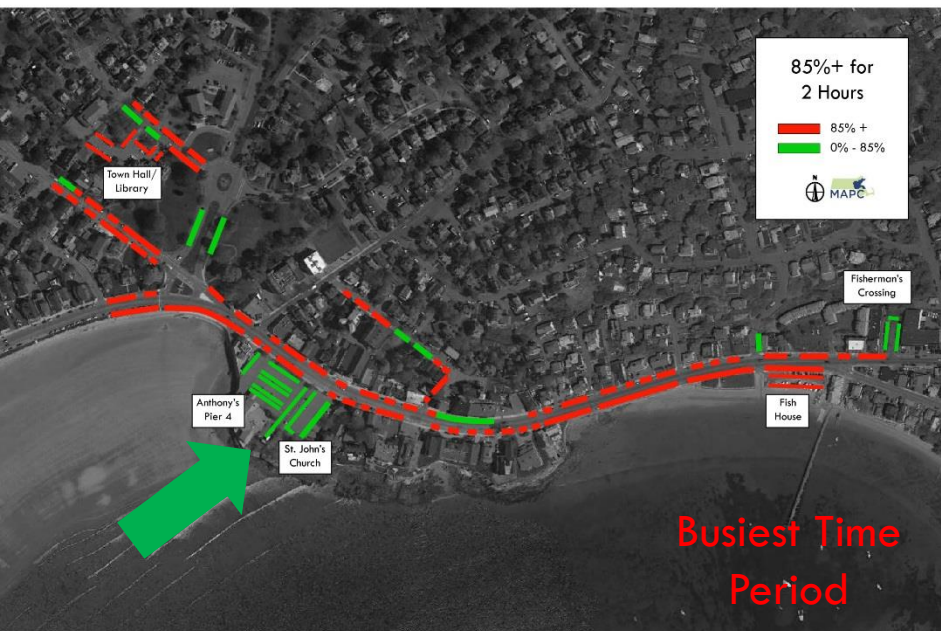
Busiest for 2 Hours



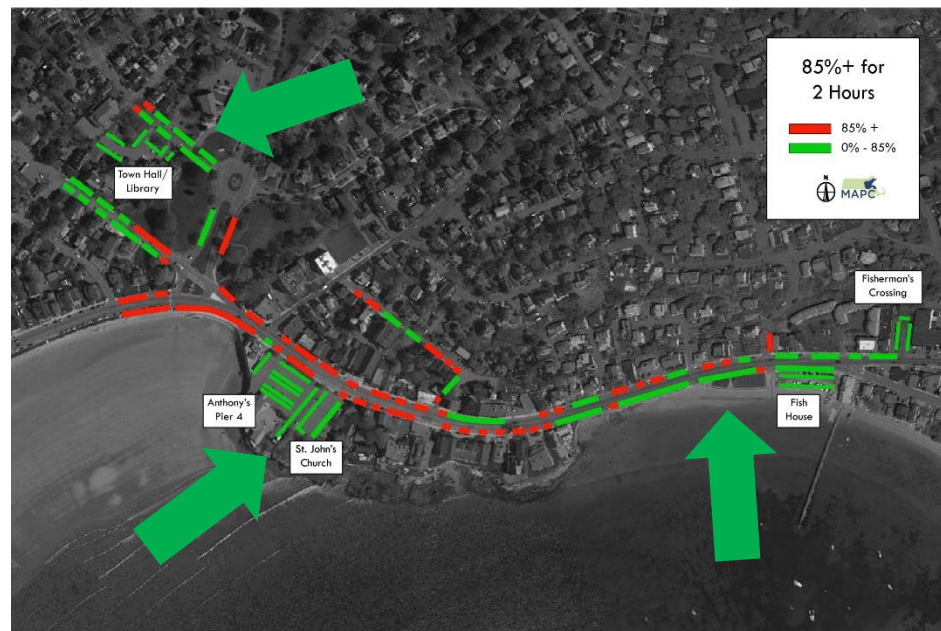
Fall Saturday - Summary



Summer Weekday - Occupancy



Summer Saturday - Occupancy



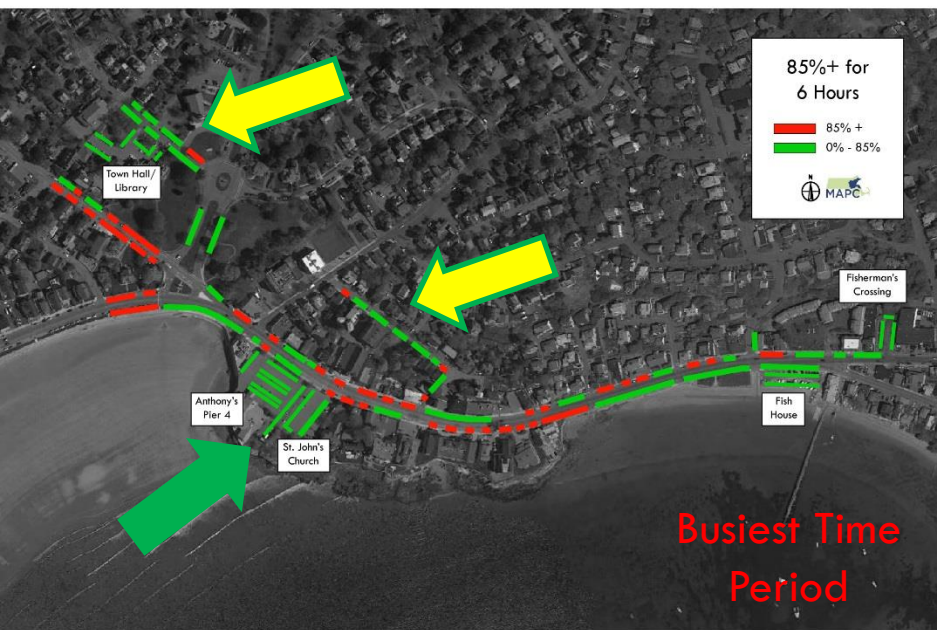
Fall Weekday - Summary



Busiest for 6 Hours



Summer Weekday - Occupancy



Summer Saturday - Occupancy



Observations



Loading



Drainage



Creative Parking



Using Two Spaces



Results in inefficient
parking system

Using Two Spaces



Using Two Spaces



Far from Curb



Impacts bicycle lane,
confuses other drivers

Far from Curb



Far from Curb



Illegal Parking



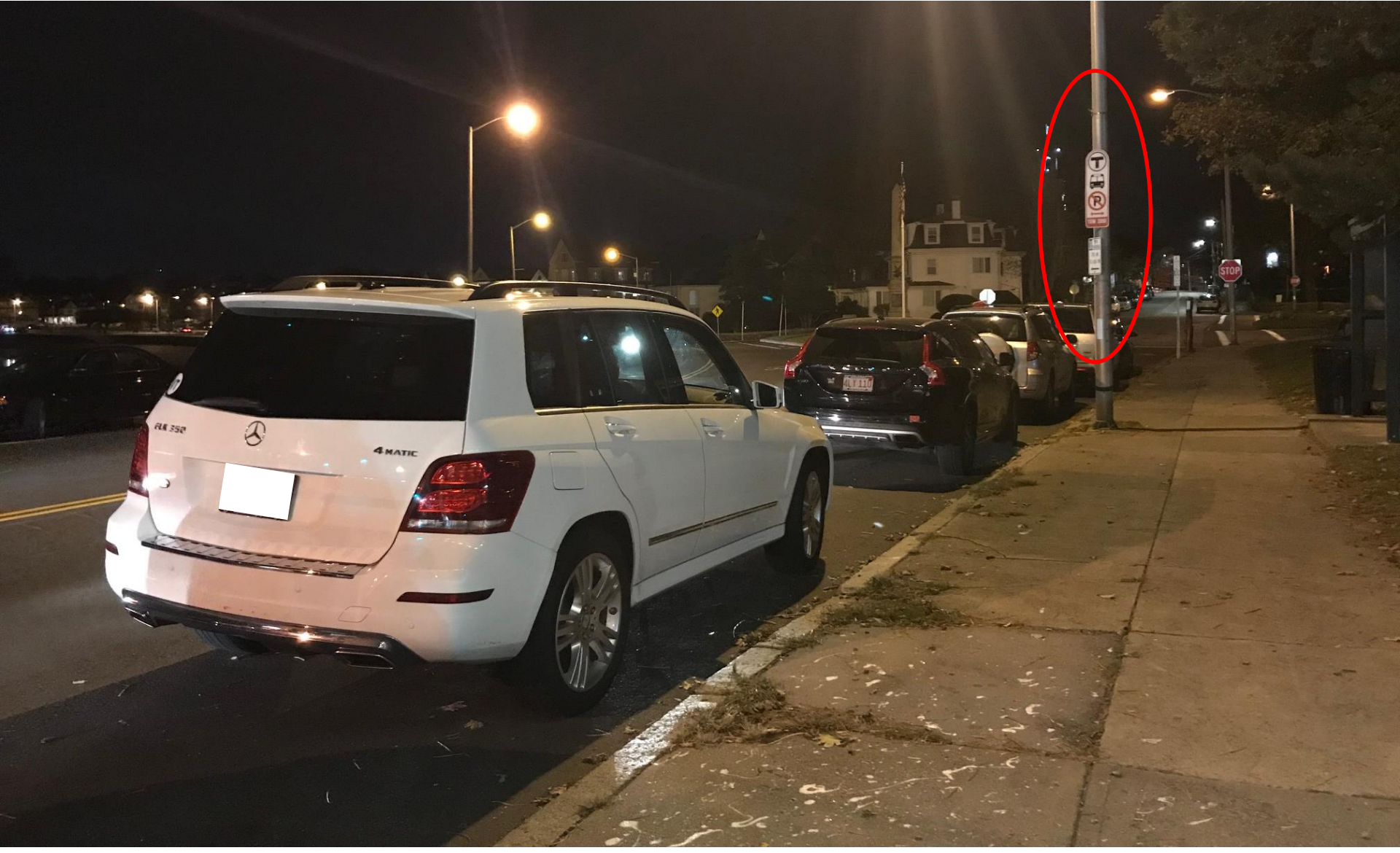
Illegal Parking



Illegal Parking



Illegal Parking



Signage



Bus Stops



Opportunities



Opportunity

Increase turnover on
Burrell Street near
Library

Currently utilized as long-
term parking by employees
or commuters

Turnover desired in this
area due to well attended
library programming

Consider striping spaces

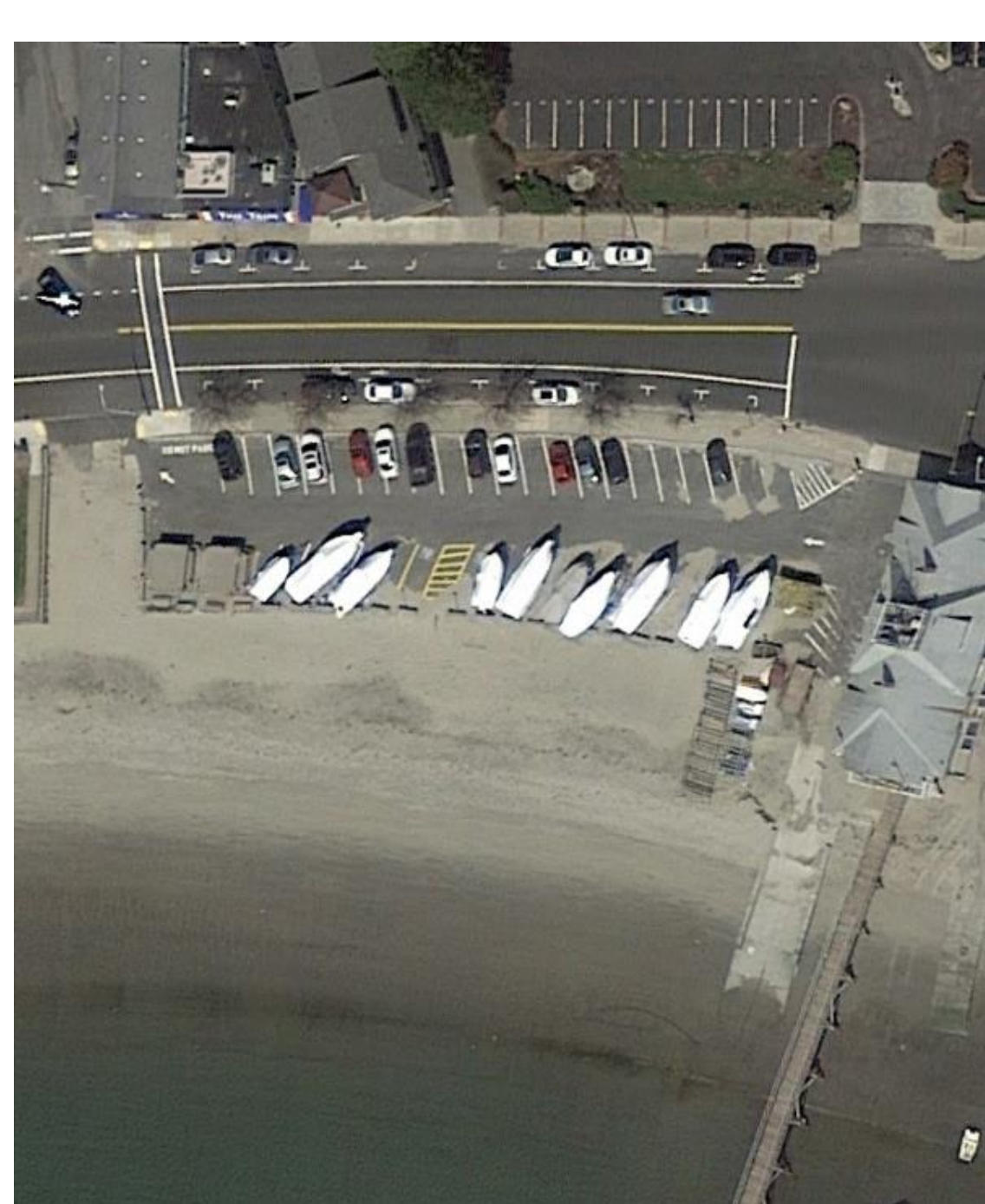


Opportunity

Encourage utilization
of Fish House
municipal parking lot

Used as long-term boat
storage

No signage to direct
people to public parking



Opportunity

Encourage utilization
of Town Hall
municipal parking lot
during Summer

Underutilized during
Summer demand



Opportunity

Partner with Anthony's
Pier 4/Hawthorne by the
Sea



Opportunity

Partner with St.
John's Church



Opportunity

Clarify regulations in confusing areas

Clarify location of bus stops

Clarify confusing signage

Repair faded signage



Opportunity

Increase enforcement

Prime business district parking spaces are often utilized for long-term parking

There appears to be minimal enforcement currently

Ticket drivers parked far away from curb, and utilizing two parking spaces



Discussion

What are your biggest concerns regarding parking?

What can we do to make parking easier?

Do you have specific parking issues you would like addressed?

