

# Pleasant Street Sidewalk Improvements

Final Design Alternatives  
Prepared for the Town of Nantucket



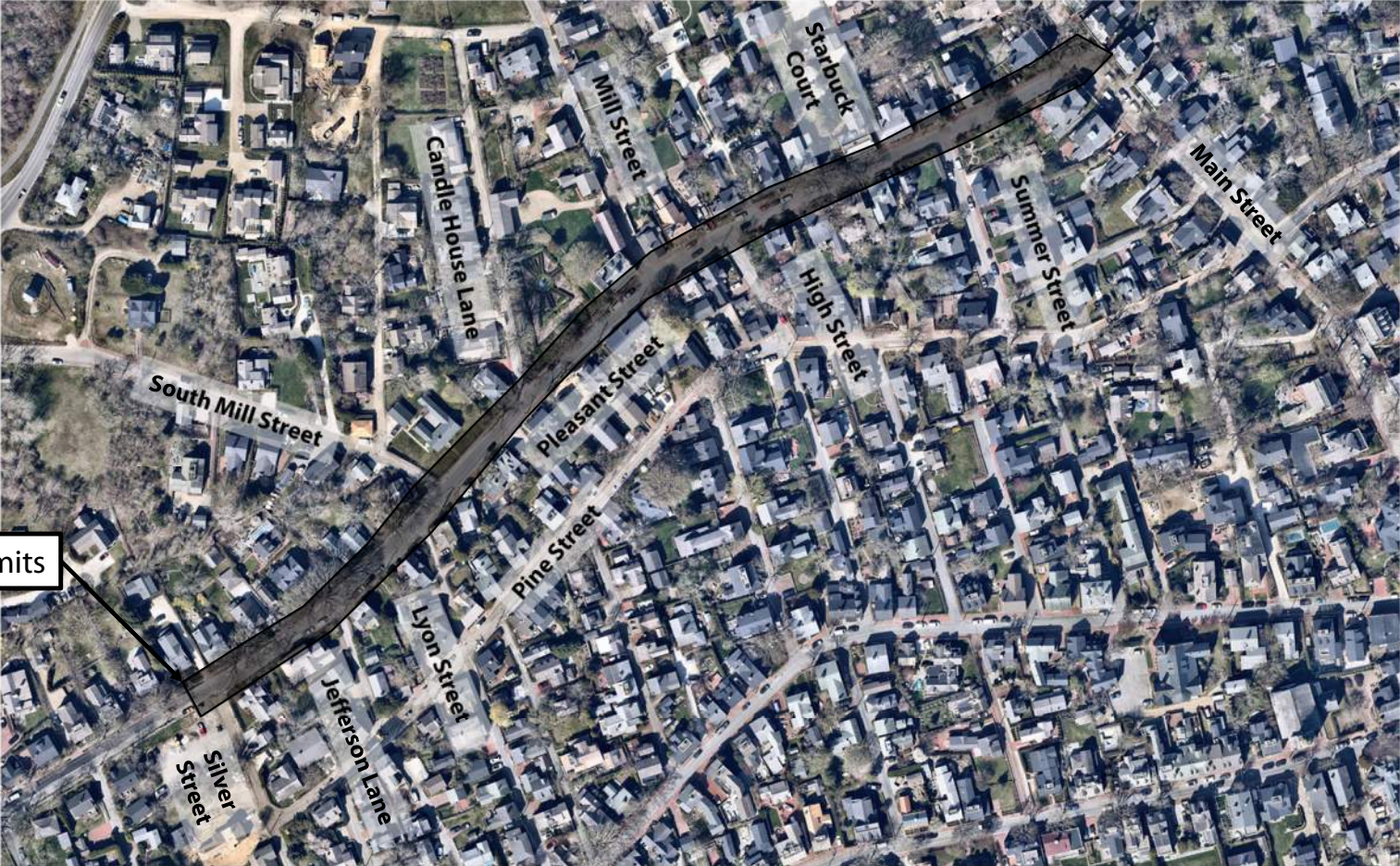
# Agenda

- 1 Project Background
- 2 Focus Area 1 – Silver Street to South Mill Street
- 3 Focus Area 2 – South Mill Street to Mill Street
- 4 Focus Area 3 – Tree Near High Street
- 5 Next Steps

# 1 Project Background



# Project Limits



Project Limits

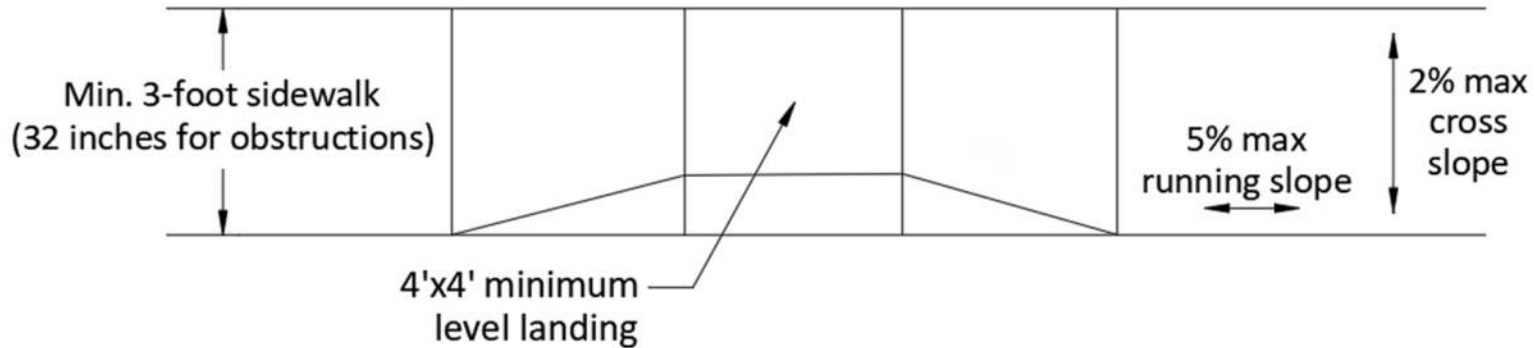
# Project Background

- Project Goals:
  - Install ADA-compliant brick sidewalks and pedestrian curb ramps
  - Maintain historic character
  - Improve compliance issues
    - ADA (Americans with Disabilities Act)
    - PROWAG (Public Right-of-Way Accessibility Guidelines)
  - Improve traffic flow issues
    - Narrow travel lanes with parking

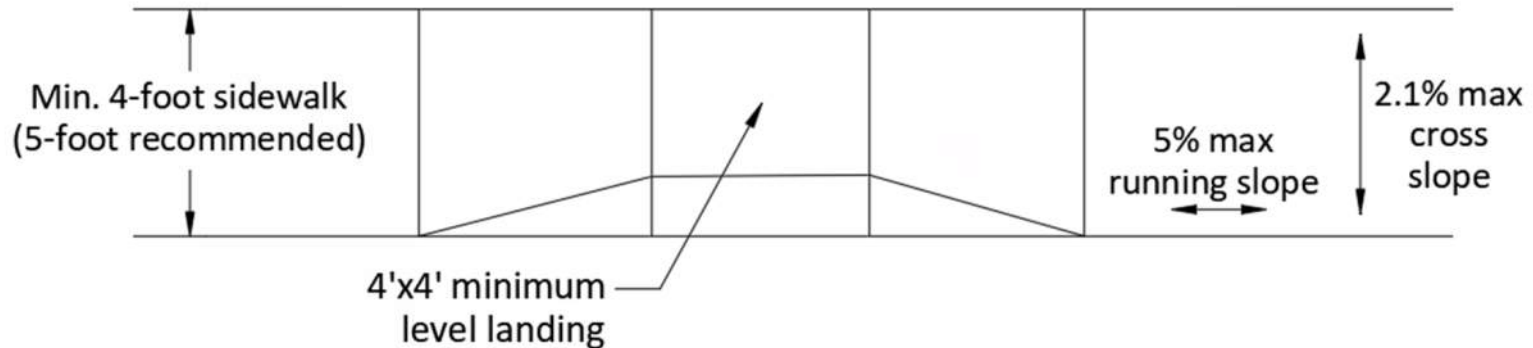


# ADA and PROWAG Design

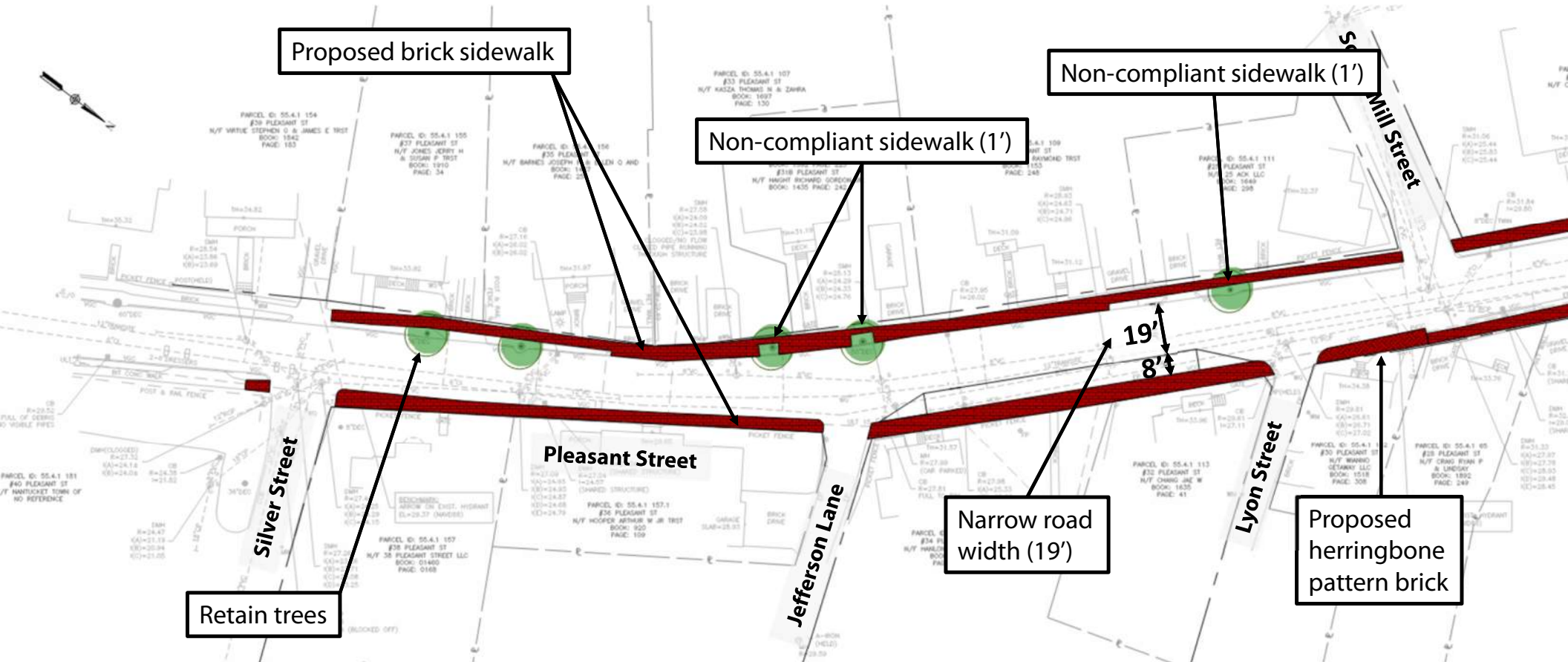
## ADA Requirements (Legal Requirements)



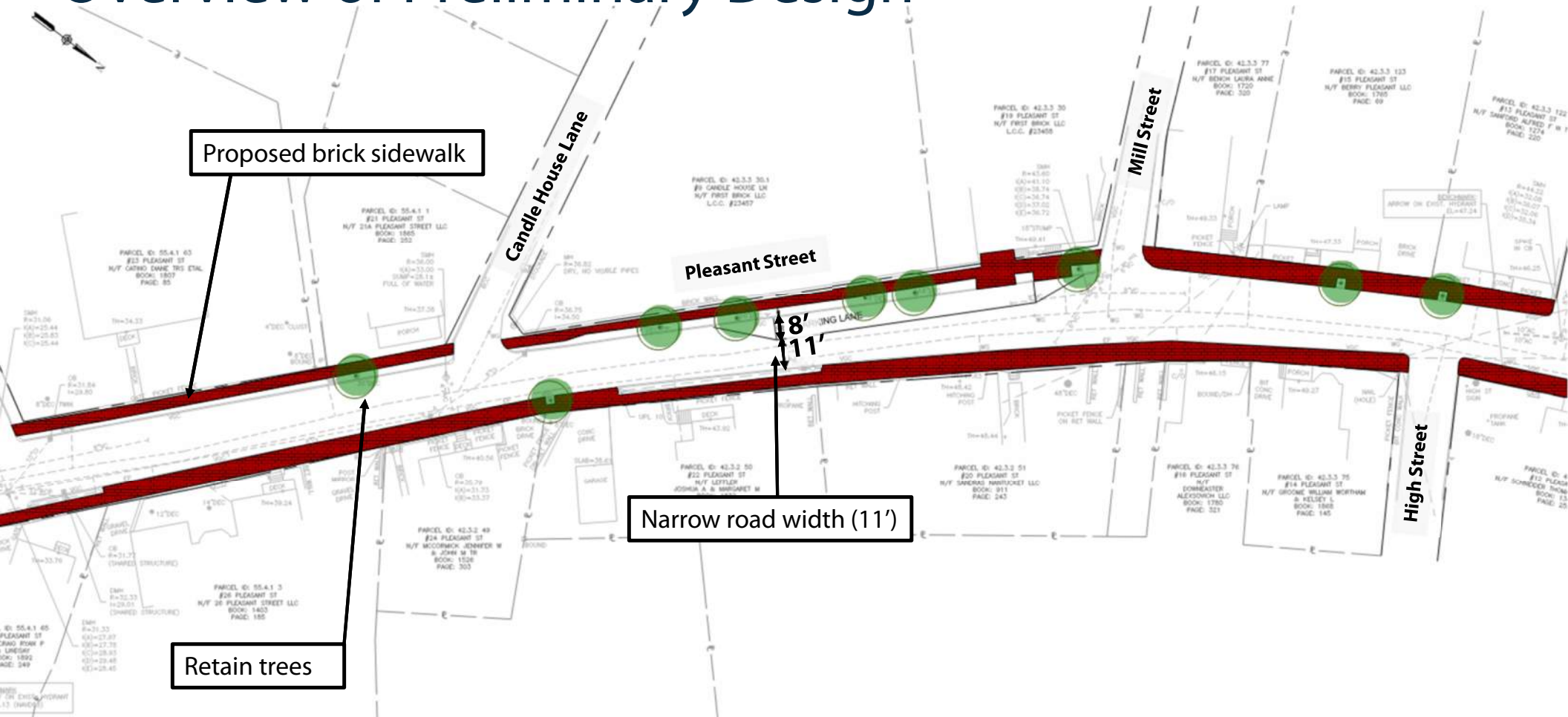
## PROWAG Requirements (Best Practice)



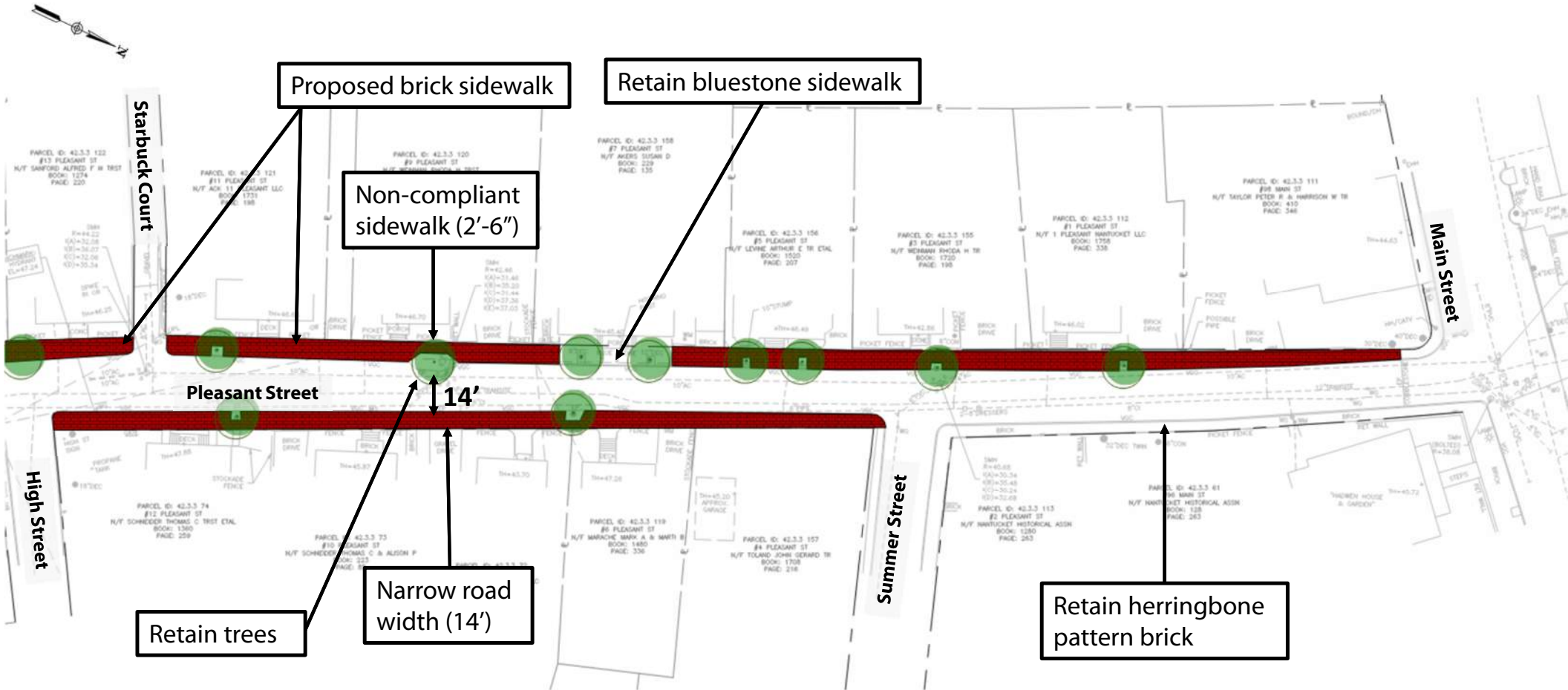
# Overview of Preliminary Design



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# Overview of Preliminary Design



# Focus Areas



- Focus area 1) Silver Street to South Mill Street
- Focus area 2) South Mill Street to Mill Street
- Focus area 3) Tree Near High Street

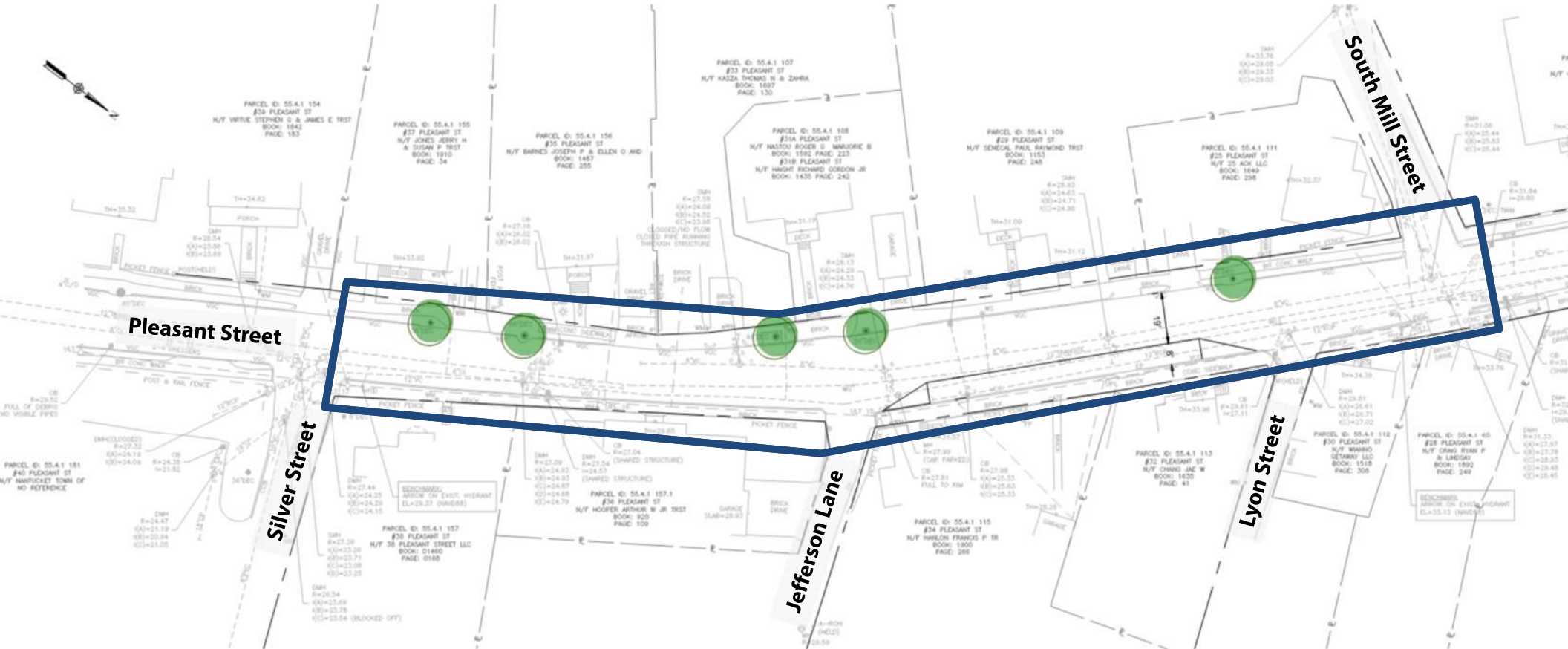
2

## Focus Area 1

Silver Street to South Mill Street

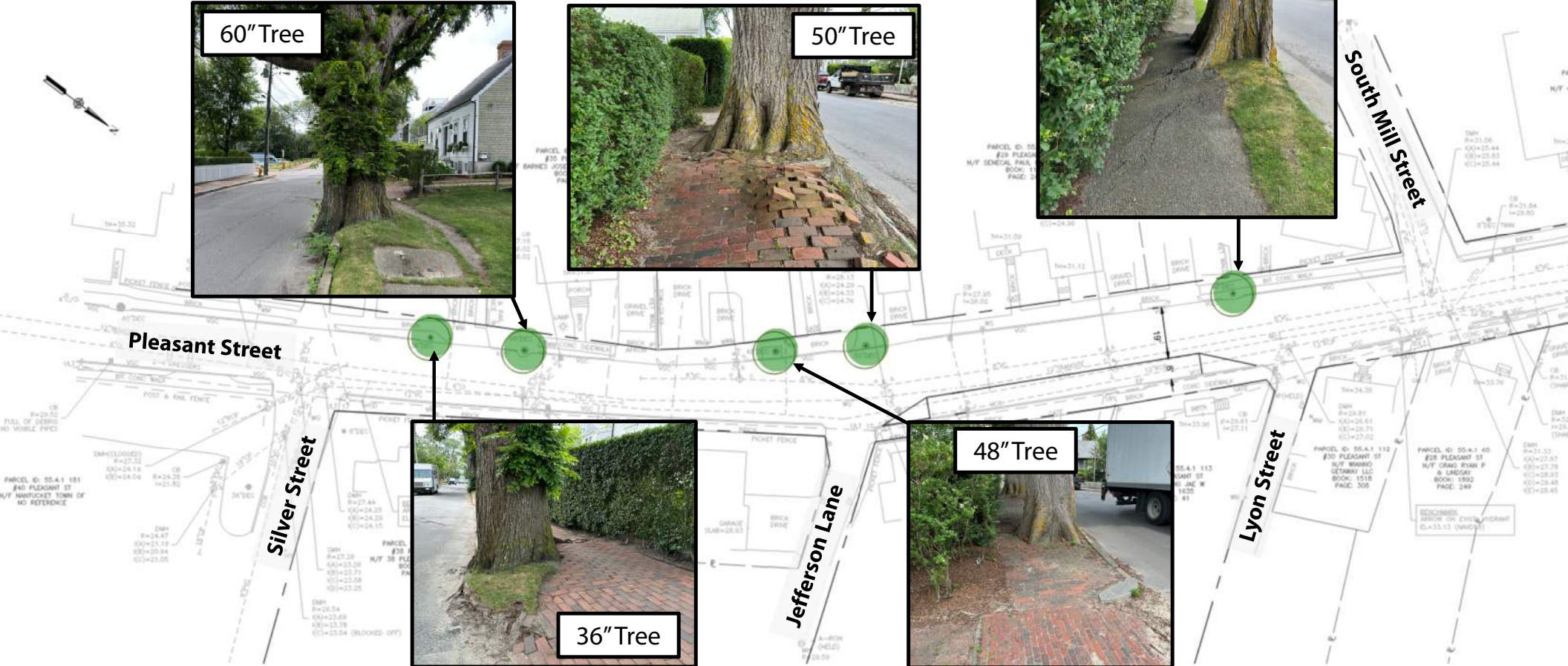


# Focus Area 1 – Silver Street to South Mill Street



# Focus Area 1 – Silver Street to South Mill Street

## Sidewalk Compliance Issues Due to Mature Trees



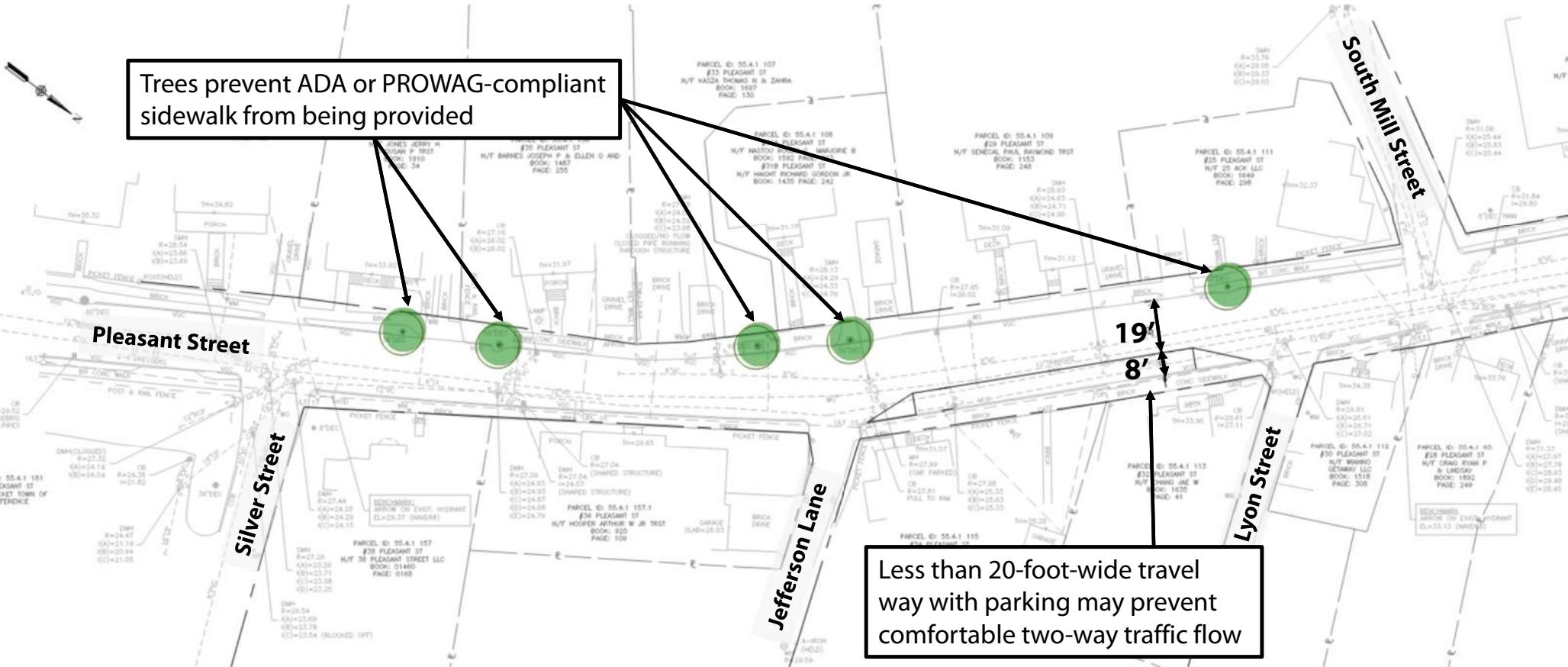
# Focus Area 1 – Silver Street to South Mill Street

## Two-way Traffic Flow Inhibited by On-Street Parking



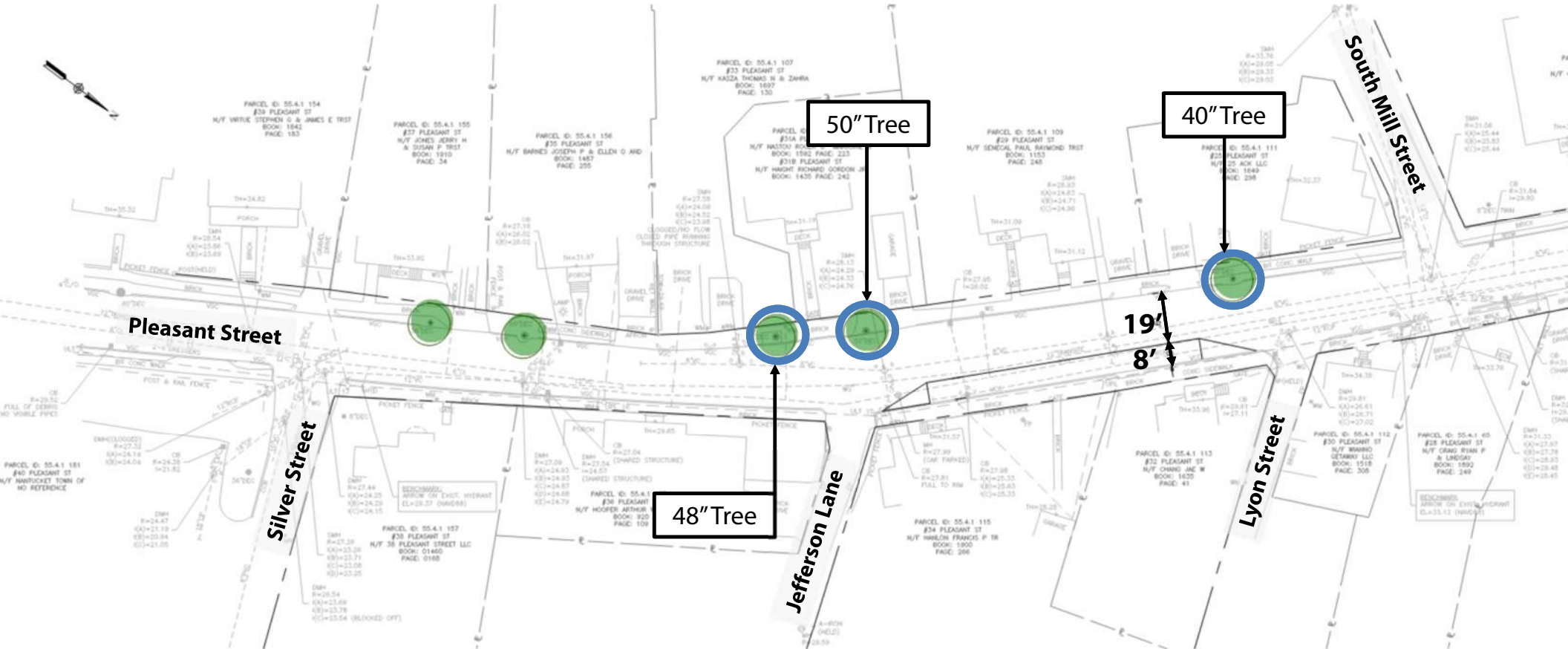
# Focus Area 1 – Silver Street to South Mill Street

## Alternative 1 – Retain Existing Trees & Parking



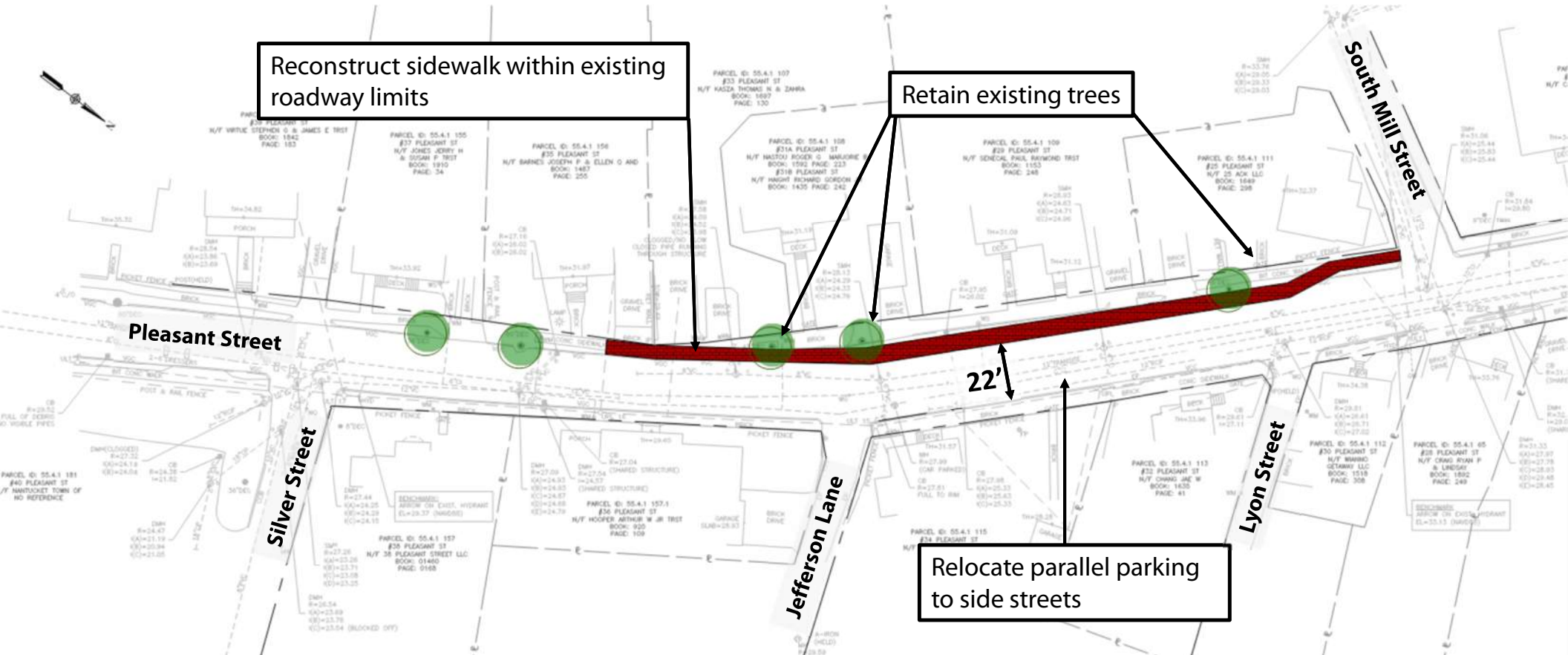
# Focus Area 1 – Silver Street to South Mill Street

## Alternative 2 – Remove Trees



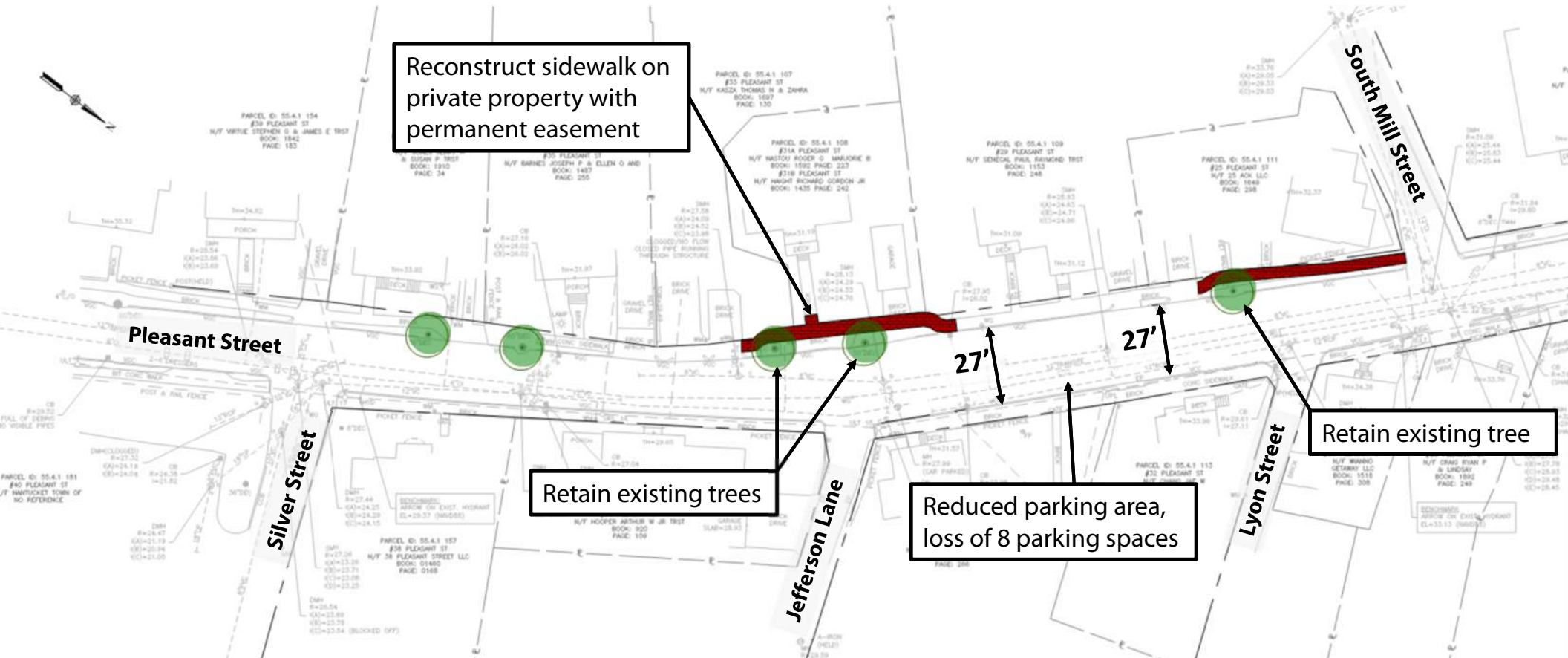
# Focus Area 1 – Silver Street to South Mill Street

## Alternative 3 – Relocate Sidewalk and Parking



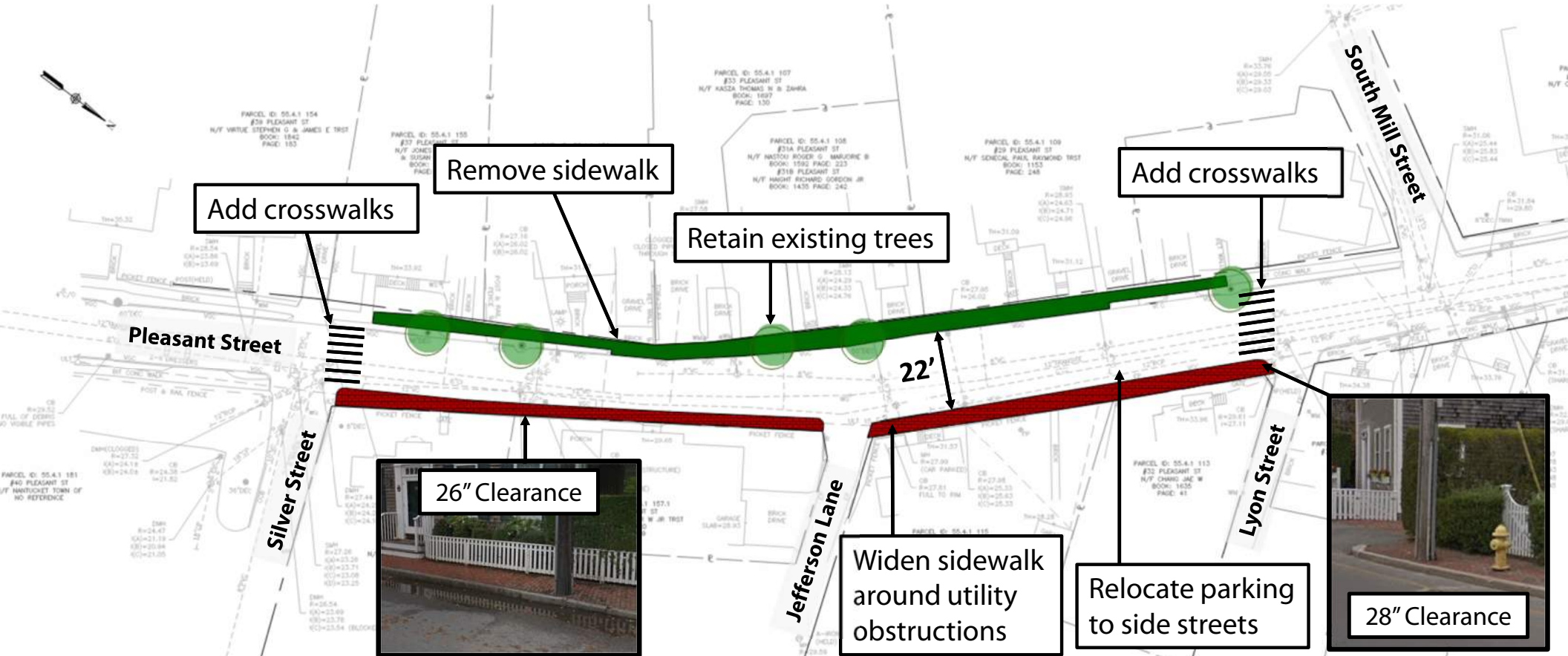
# Focus Area 1 – Silver Street to South Mill Street

## Alternative 4 – Relocate Sidewalk on Private Property Using Easement



# Focus Area 1 – Silver Street to South Mill Street

## Alternative 5 – Add Two New Mid-Block Pedestrian Crossings



# Focus Area 1 - Silver Street to South Mill Street

## Alternative Comparison

	Provides ADA Compliant Sidewalks	Improves Traffic Flow	Preserves Parking	Avoids Property Easements	Preserves Trees	Avoids Utility Impacts	Comparison of Anticipated Construction Costs
Alternative 1 Retain Existing Trees and Parking	✗	✗	✓	✓	✓	✓	Base Cost
Alternative 2 Remove Trees	✓	✓	✓	✓	✗	✓	+ \$30,000
Alternative 3 Sidewalk in Front of Trees, Relocate Parking	✓	✓	✗	✓	✓	✓	+ \$30,000
Alternative 4 Sidewalk on Private Property Using Easement	✓	✓	✗	✗	✓	✓	+ \$15,000 + Cost of easement
Alternative 5 Add Two New Mid-Block Pedestrian Crossings	✓	✓	✗	✓	✓	✗	+ \$20,000

## 3 Focus Area 2

South Mill Street to Mill Street

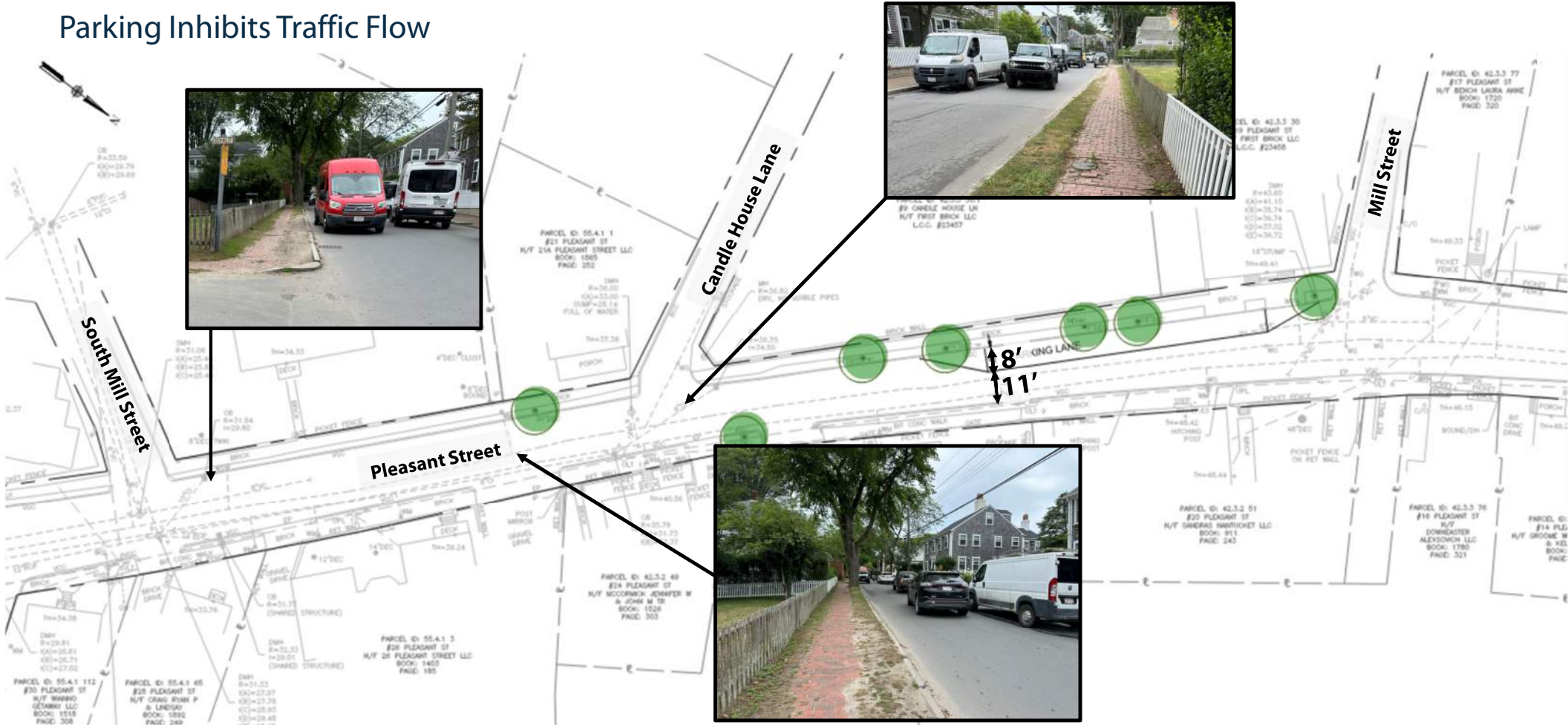


# Focus Area 2 –South Mill Street to Mill Street



# Focus Area 2 – South Mill Street to Mill Street

## Parking Inhibits Traffic Flow



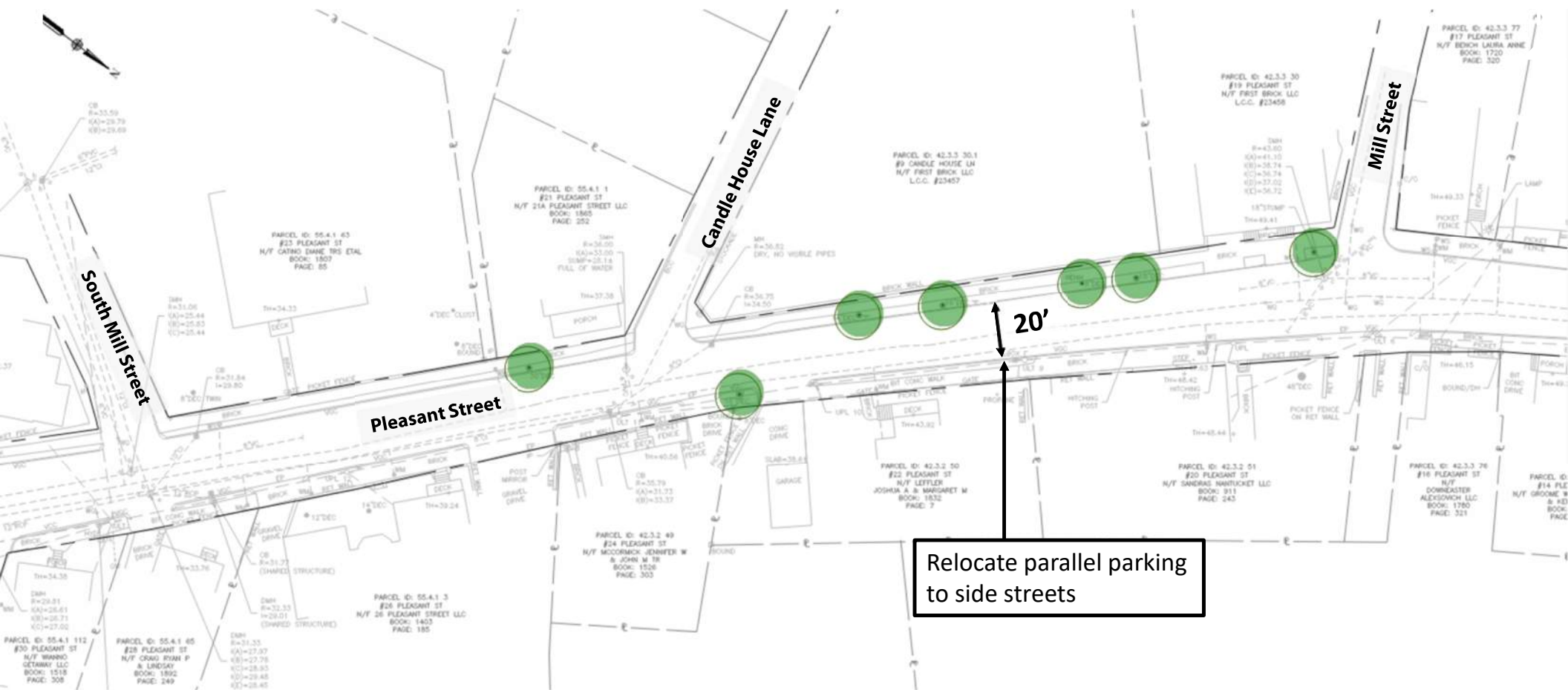
# Focus Area 2 – South Mill Street to Mill Street

## Alternative 1 – No Change to Existing



# Focus Area 2 – South Mill Street to Mill Street

## Alternative 2 – Remove Parking



# Focus Area 2 – South Mill Street to Mill Street

## Alternative Comparison

	Compliant Sidewalk Access	Improves Traffic Flow	Preserves Parking	Avoids Property Easements	Preserves Trees	Cost Comparison
Alternative 1 No Modifications	✓	✗	✓	✓	✓	Base Cost
Alternative 2 Remove Parking	✓	✓	✗	✓	✓	N/A

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## Focus Area 3

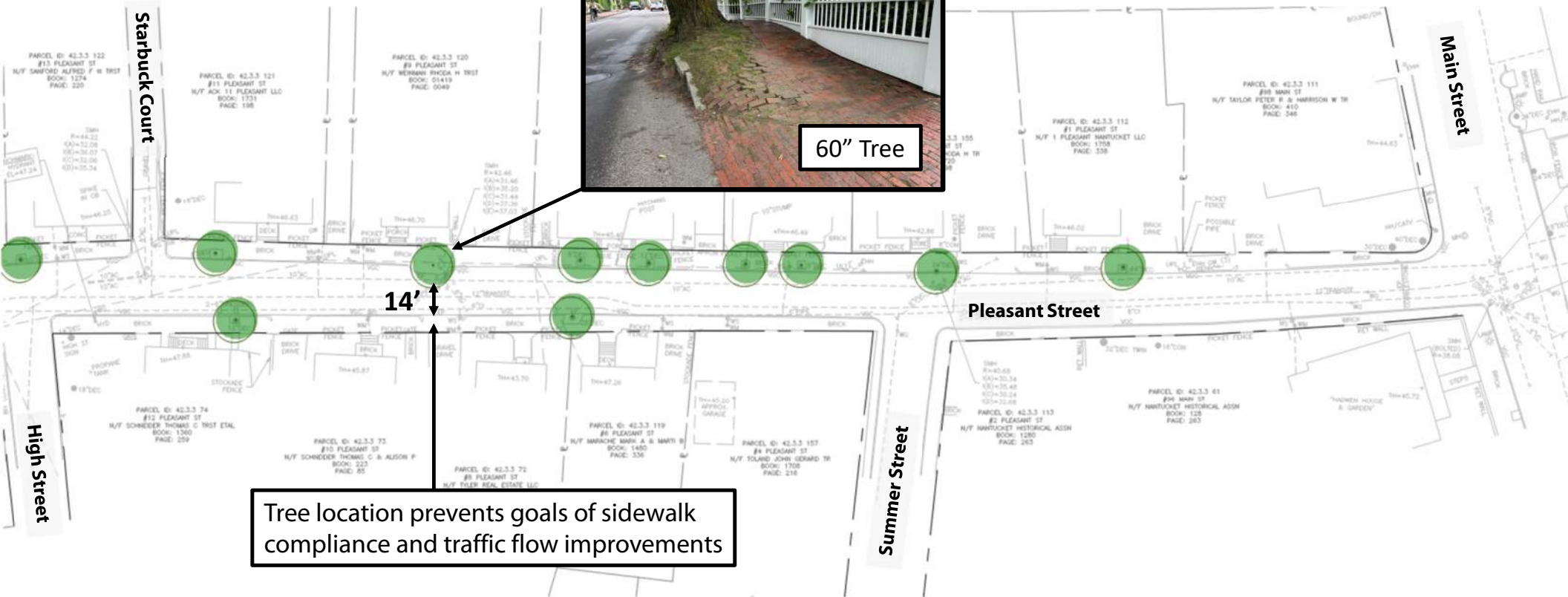
Tree Near High Street

# Focus Area 3 – Tree Near High Street



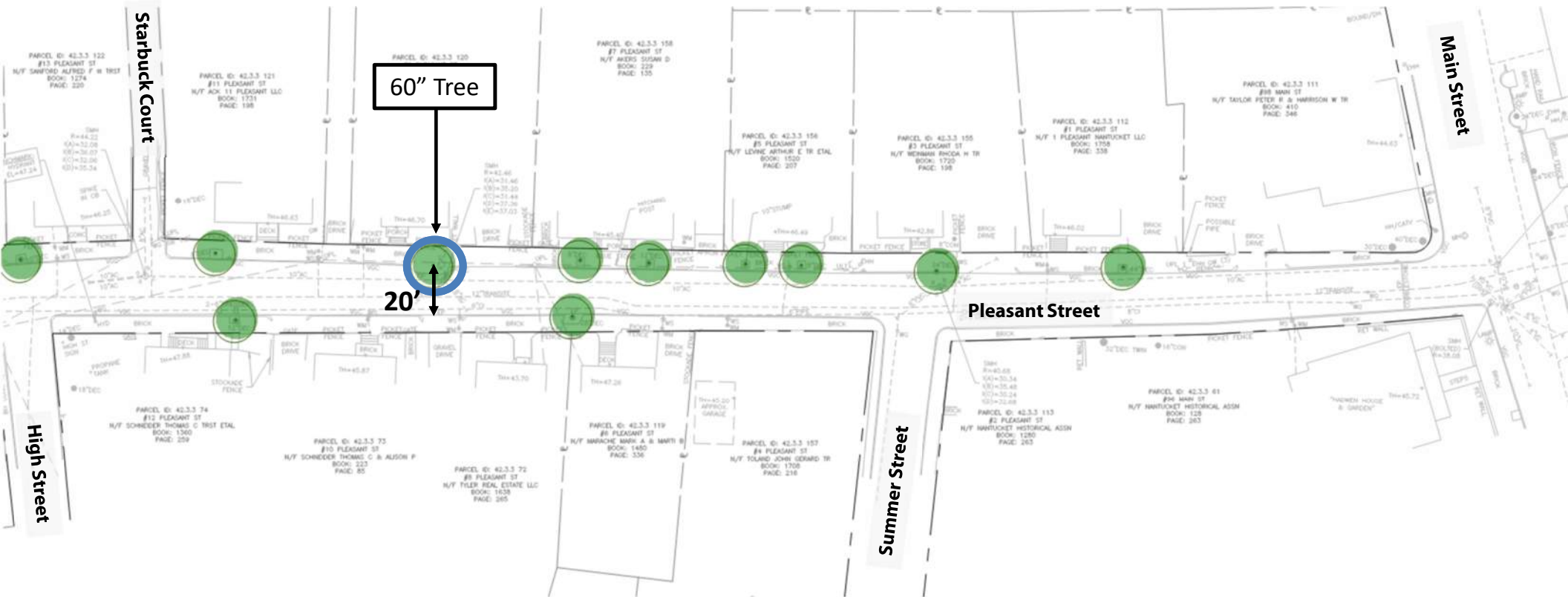
# Focus Area 3 – Tree Near High Street

## Alternative 1 – No Change to Existing



# Focus Area 3 – Tree Near High Street

## Alternative 2 – Remove Tree



# Focus Area 3 – Tree Near High Street

## Alternative Comparison

	Compliant Sidewalk Access	Improves Traffic Flow	Avoids Property Easements	Preserves Trees	Cost Comparison
Alternative 1 No Modifications	✗	✗	✓	✓	Base Cost
Alternative 2 Remove Tree	✓	✓	✓	✗	+\$10,000

# 5 Next Steps



# Next Steps

- Obtain stakeholder feedback on alternatives
- Complete final design
- Prepare construction bid documents



Thank you!

