

Walnut Street Enhancements Project

Public Meeting #3
June 22, 2017



Environmental Partners
GROUP

HARRIMAN

Setti D. Warren
Mayor

Introduction

Recap Scope, Goals, & Schedule

Tonight's Agenda

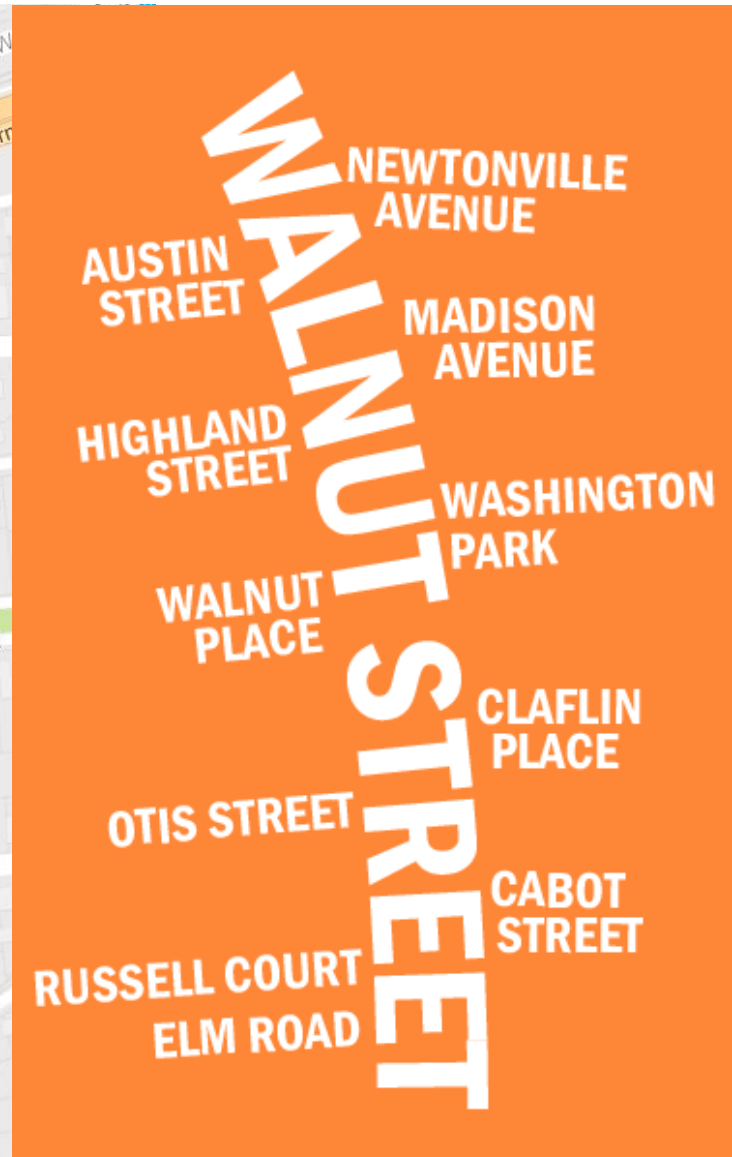
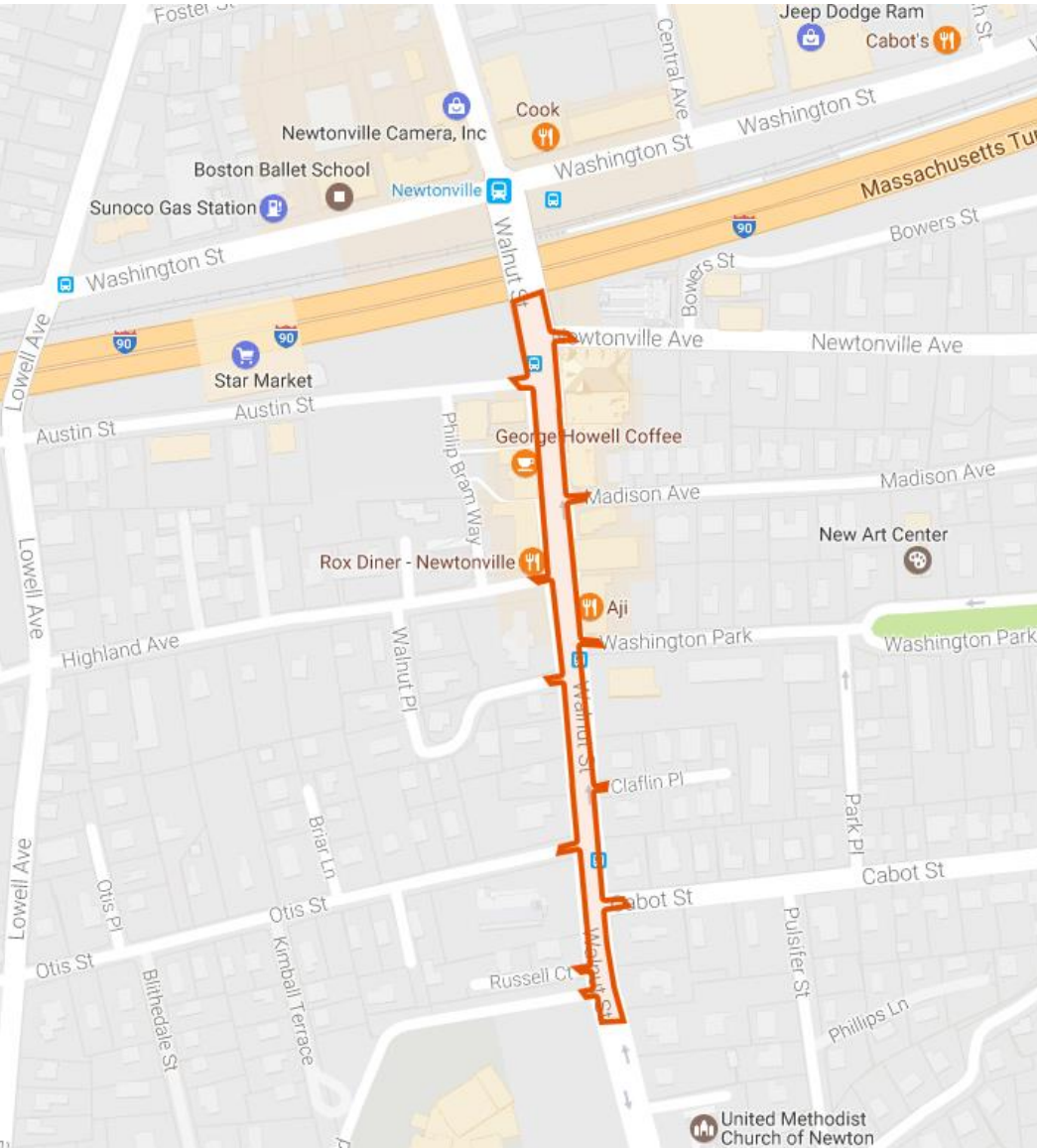
- Introduction: Recap Scope, Goals & Schedule
 - Review Community Input
 - Present Concept
 - Next Steps
-

30 minutes

- Questions
- Breakout for further feedback

30 minutes

Project Area





Introduction

Input

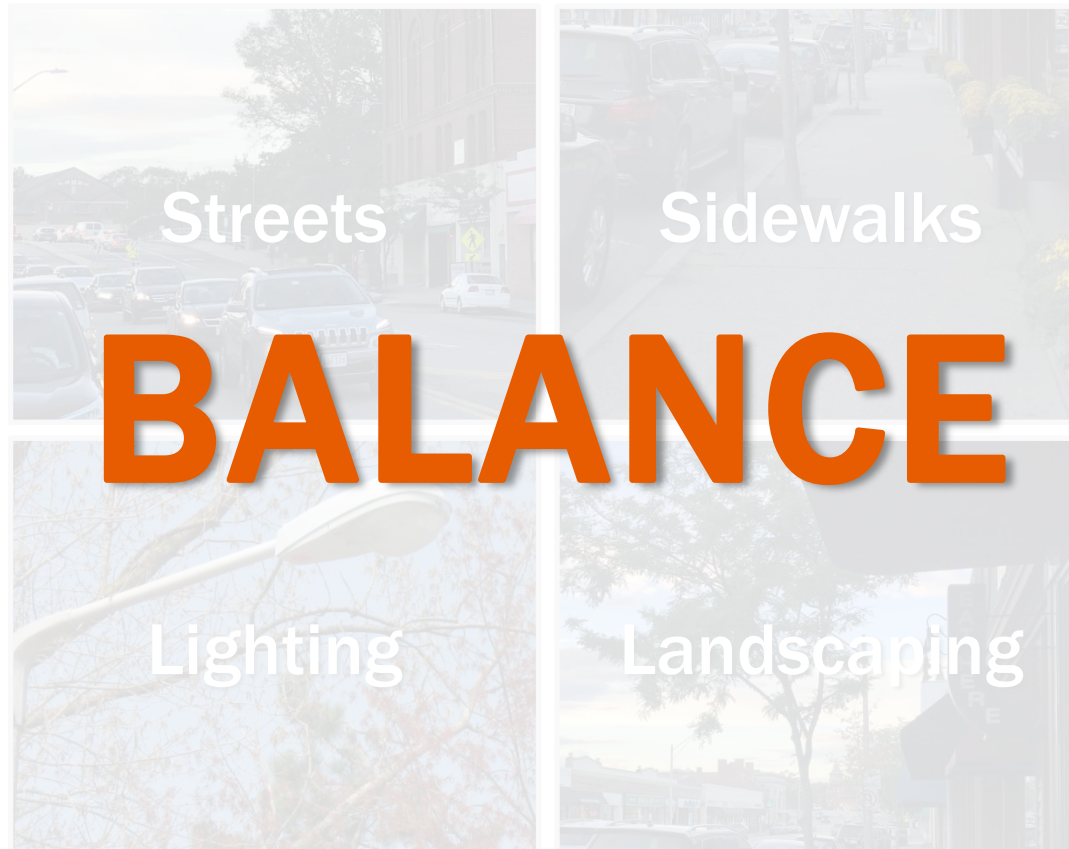
Concept

Next Steps

What is the Walnut Street Enhancements Project?



What is the Walnut Street Enhancements Project?



Project Goal: Enhance the safety, character and functionality of Walnut Street for all users

- Maximize **Safety** and convenience for all travel modes
 - Improve the off-set intersection of Walnut St., Austin St., and Newtonville Ave.
 - Enhance safety at crosswalks and potential conflict points
- Enhance Pedestrian **Experience** / Village Character
 - Direct and rational pedestrian crossings and routes
 - Places to linger and socialize
 - Pleasant and maintainable streetscape and landscape elements
- Benefit the **Environment**
 - Encourage walking, biking, and transit use
 - Increase tree canopy to mitigate urban “heat island”
 - Assess green infrastructure to improve storm water quality

Our Approach:

- **Use latest “Complete Streets” guidance to reallocate space and bring *balance* to Walnut Street**
 - Balance of various transportation functions
 - Balance of transportation and place-making
- **Maintain parking while accommodating for short term parking and loading**
- **Maximize sidewalk to enhance the public realm**
 - Outdoor seating for restaurants
 - Trees and planters

Schedule

[1]

Data Collection & Brainstorming

- Meeting #1: Brainstorm
- Site Walk: February 8th, 2017

[2]

Develop Design Concepts

- Meeting 2: Present & Discuss Design Concepts
- May 1st, 2017

[3]

Concept

- Meeting 3: Present & Discuss Concept
~TODAY!

[4]

Present to Council

Full Schedule

(1)

Data Collection & Brainstorming

- Meeting 1: Brainstorm Workshop – January 30, 2017
- Site Walk – February 8th, 2017, 8:30-9:30am & 5:30-6:30pm

**Concept
Development**
Jan-Aug 2017

Detail Design
Sept 2017-Summer 2018

Construction
*Coordinating with 28
Austin Street*

(3)

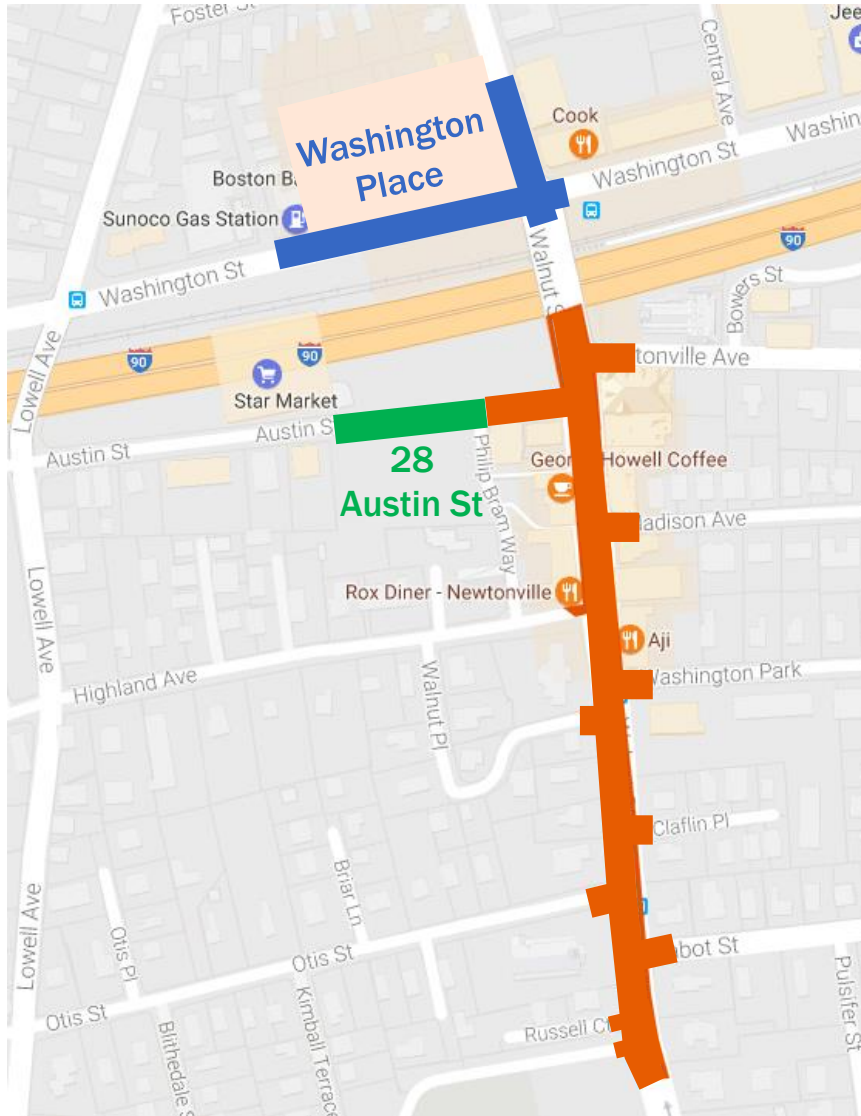
Preferred Concept

- Meeting 3: Present & Discuss Preferred Concept
~June/July 2017

(4)

Present to Council

Coordination



Coordinating...

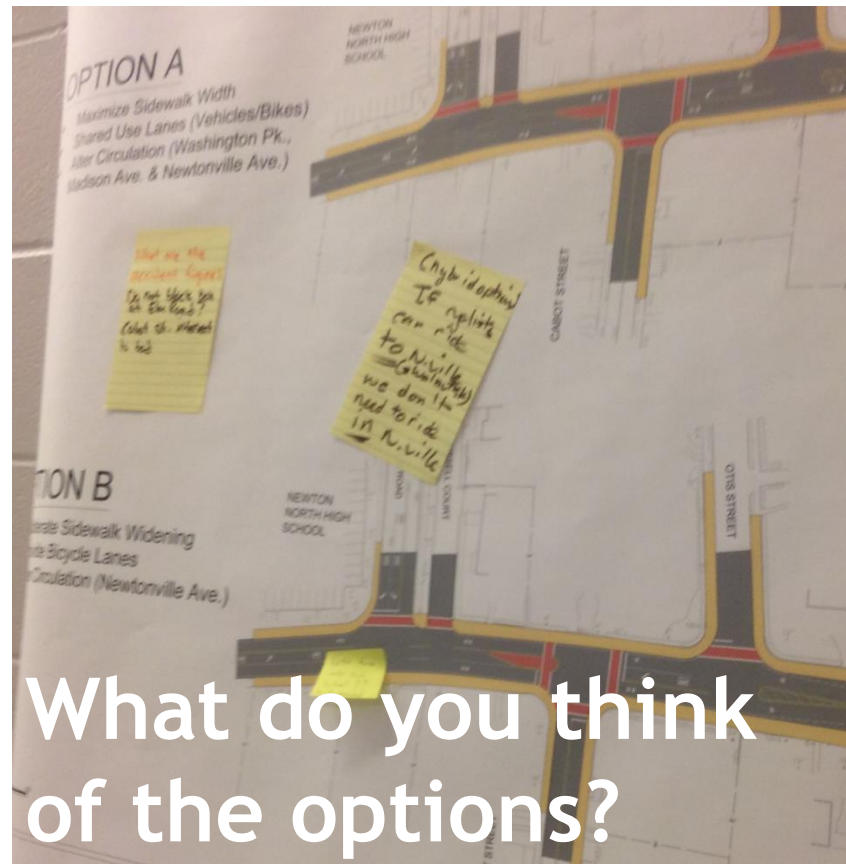
- Construction Timeline
- Design
 - Surface materials
 - Lighting
 - Bridge Gateway Art Elements
 - Furniture
 - Trees & Landscaping

Community Input



What do we need to know?

- Inspiration Photos
- Meeting at Senior Center
- Site Walk
- Online Map
- Business Visits



What do you think of the options?

- Meeting at Newton North High School
- Emails (125+)
- Business Visits

Concept



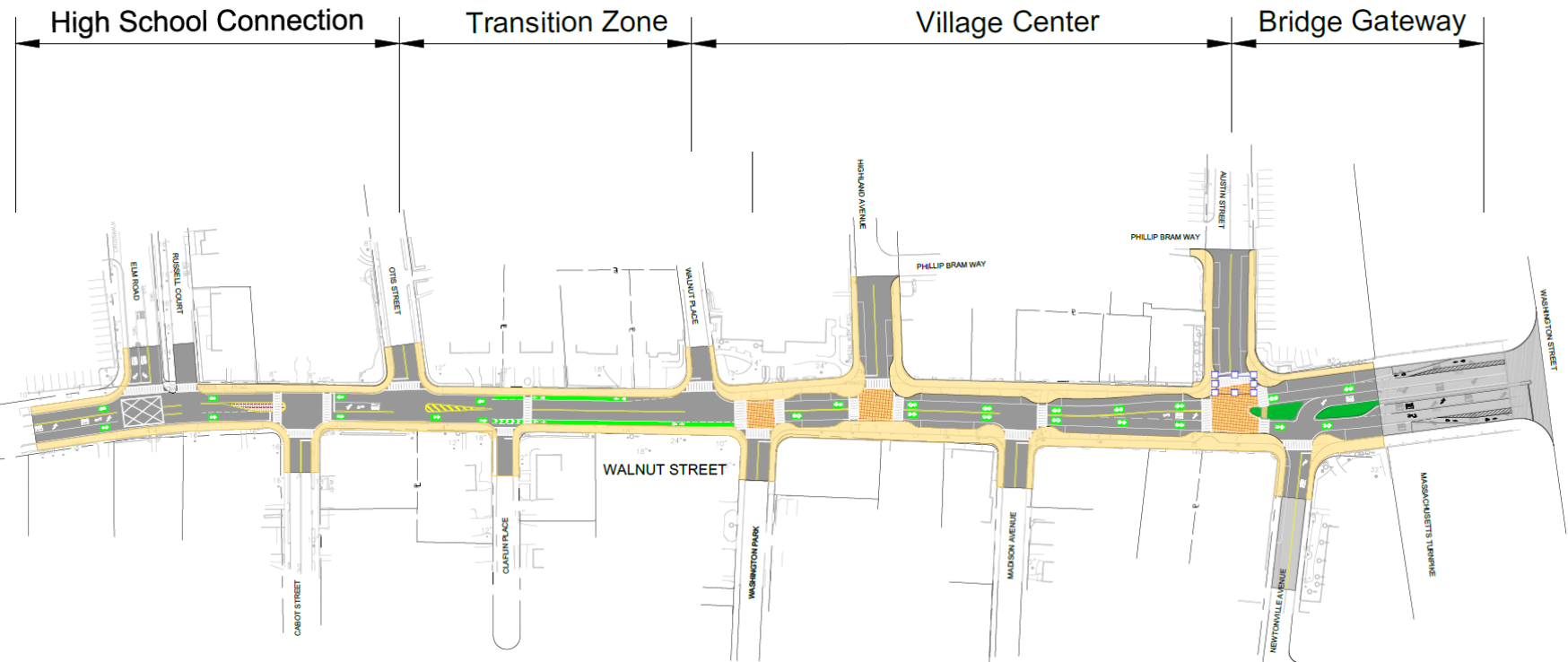
High School Connection

Transition Zone

Village Center

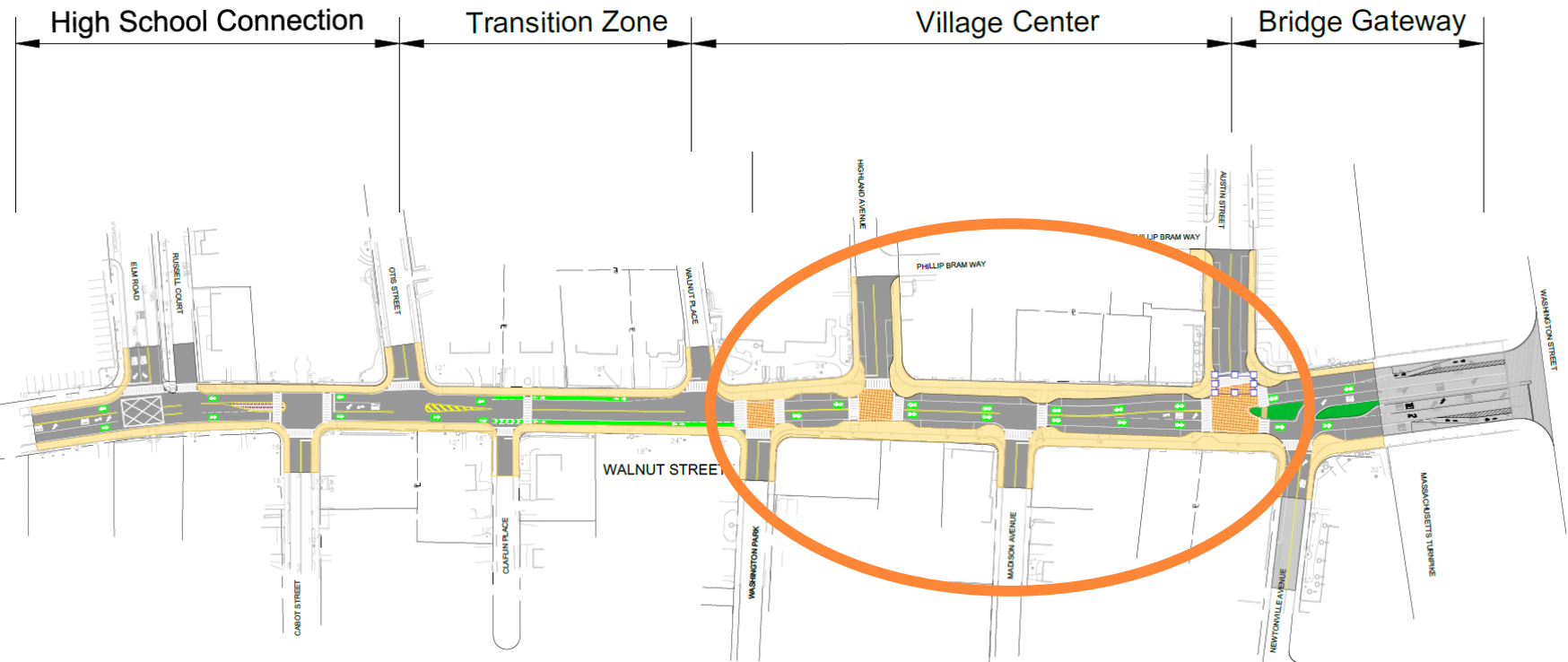
Bridge Gateway

Concept



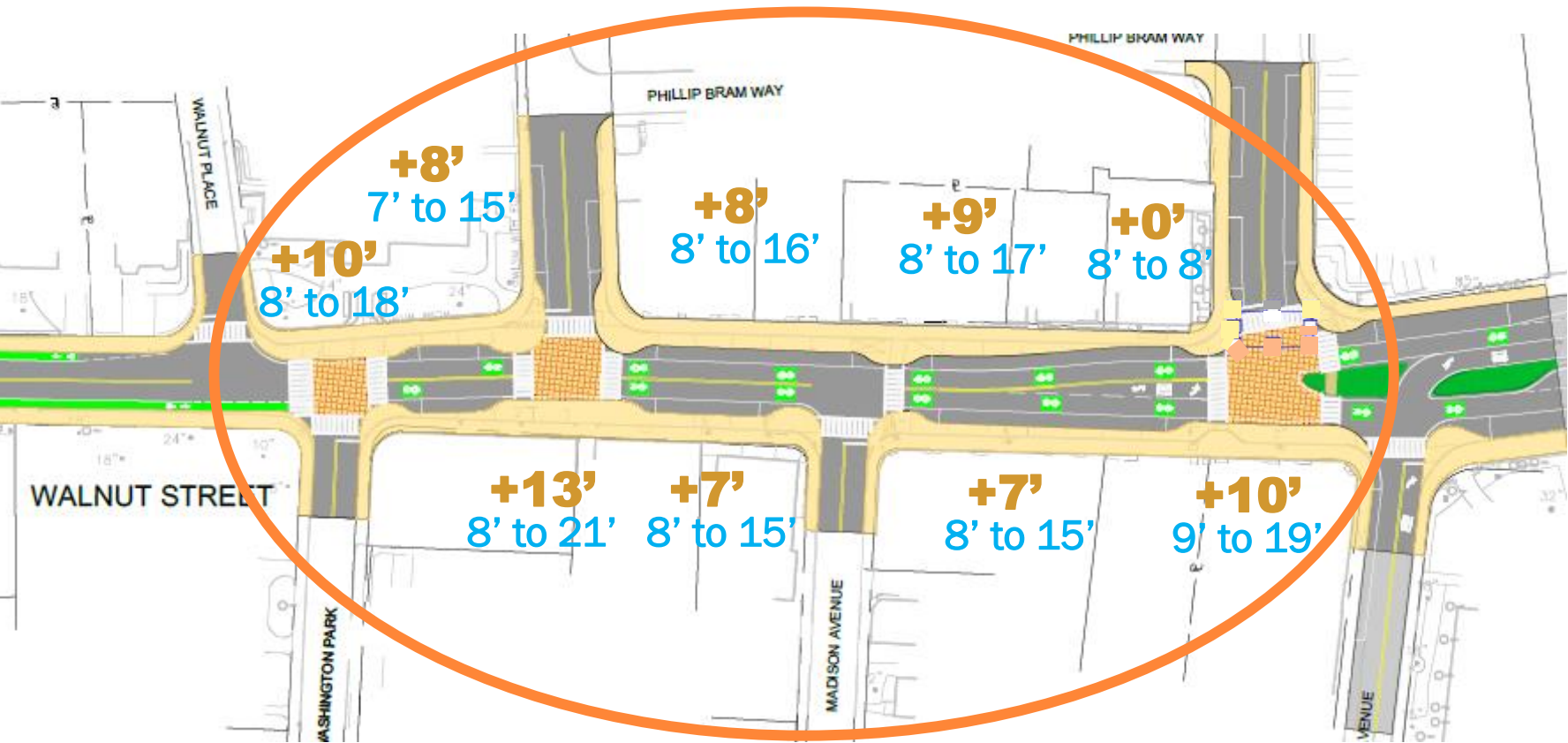
- Widest possible sidewalks in the Village Center
- 3 Major Crossings
- Safer, simplified Intersection at Walnut/Austin/Newtonville
 - No Left from Newtonville Ave to Walnut Street

Concept



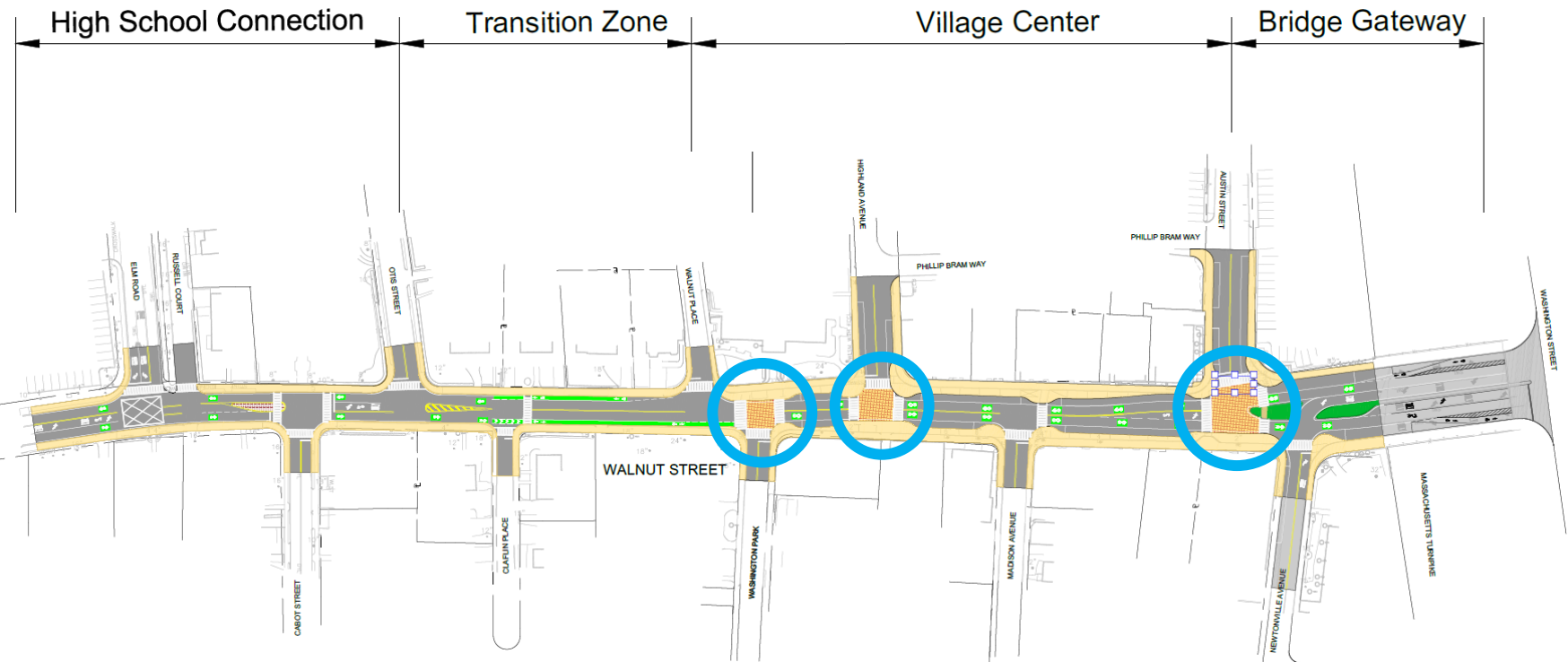
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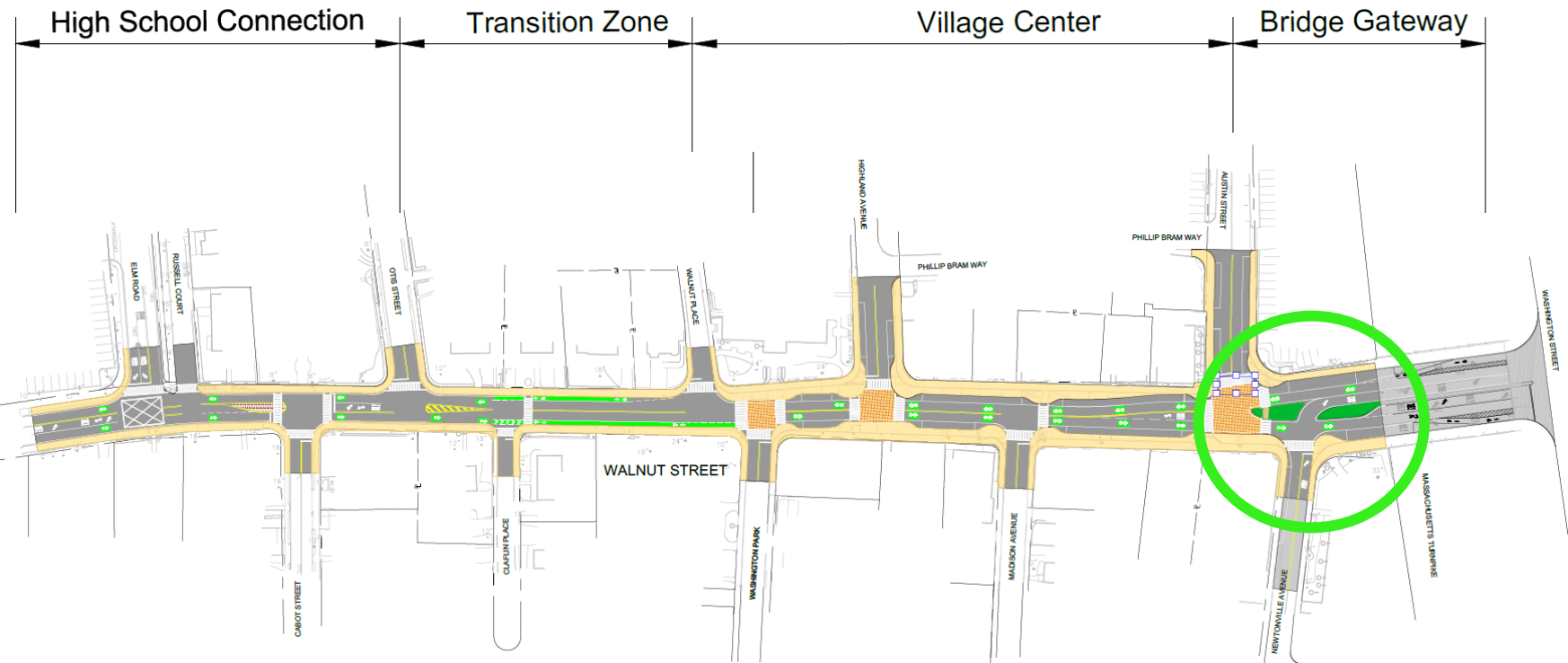
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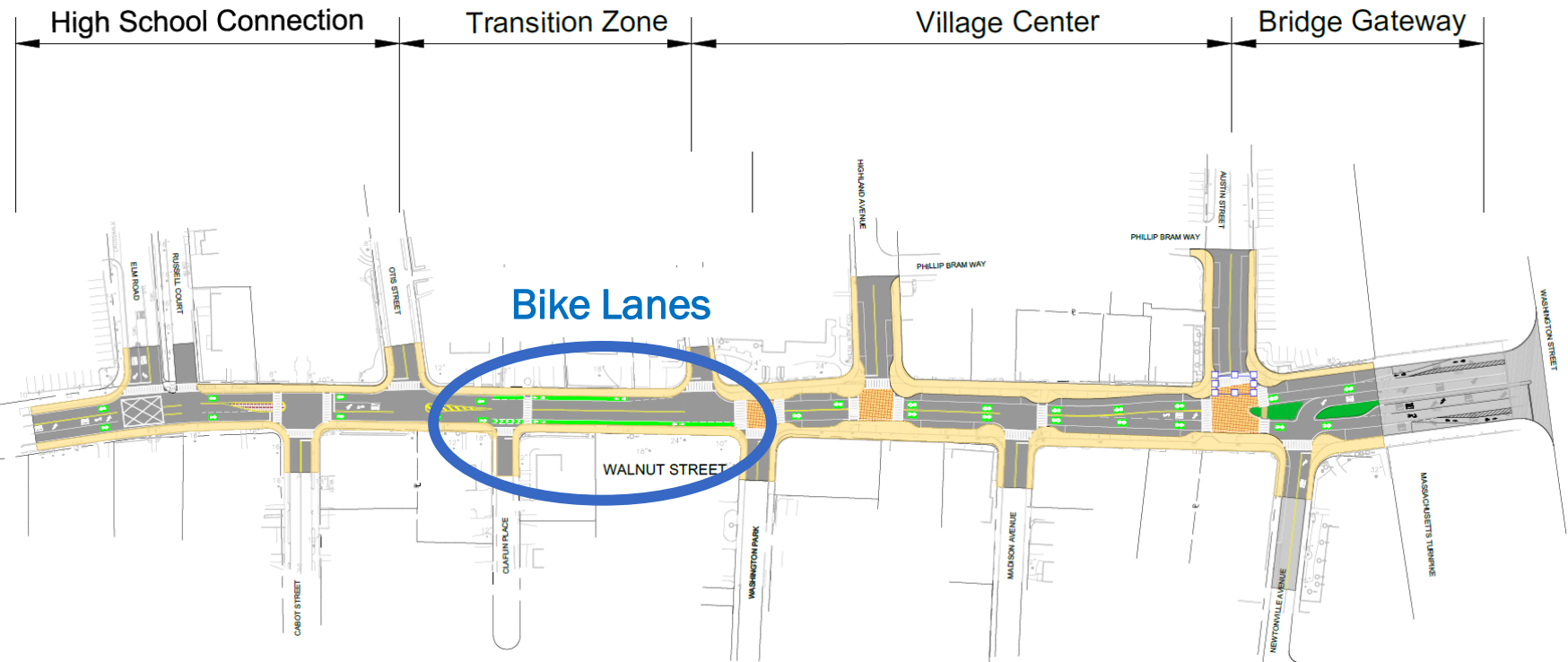
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Concept



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Concept



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Overall Concept Plan

High School Connection

Transition Zone

Village Center

Bridge Gateway



Introduction

Input

Concept

Next Steps

High School Connection

High School Connection

Transition Zone

Village Center

Bridge Gateway

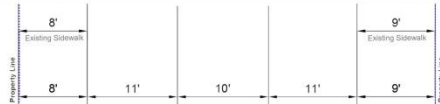


High School Connection



PLAN ENLARGEMENT

High School Connection



TYPICAL CONDITIONS BETWEEN ELM STREET AND OTIS STREET



PLAN ENLARGEMENT



ACCENT BAND: CONCRETE PAVERS



SHARROW LANE MARKER



STAMPED ASPHALT IN GORE



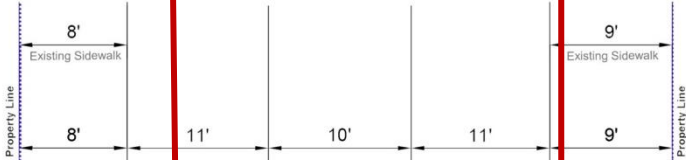
STREETLIGHT: TRADITIONAL
STYLE BISHOP CROOK

High School Connection

EXISTING TREE CANOPY

CONCRETE SIDEWALK

STREET LIGHT:
TRADITIONAL STYLE
BISHOP CROOK



SHARROW
LANE MARKER

ACCENT BAND:
CONCRETE PAVER

TYPICAL CONDITIONS BETWEEN ELM STREET AND OTIS STREET

High School Connection



SPRING BLOOMS



VISUAL INTEREST



FALL COLOR



RESIDENTIAL SCALE AND FORM

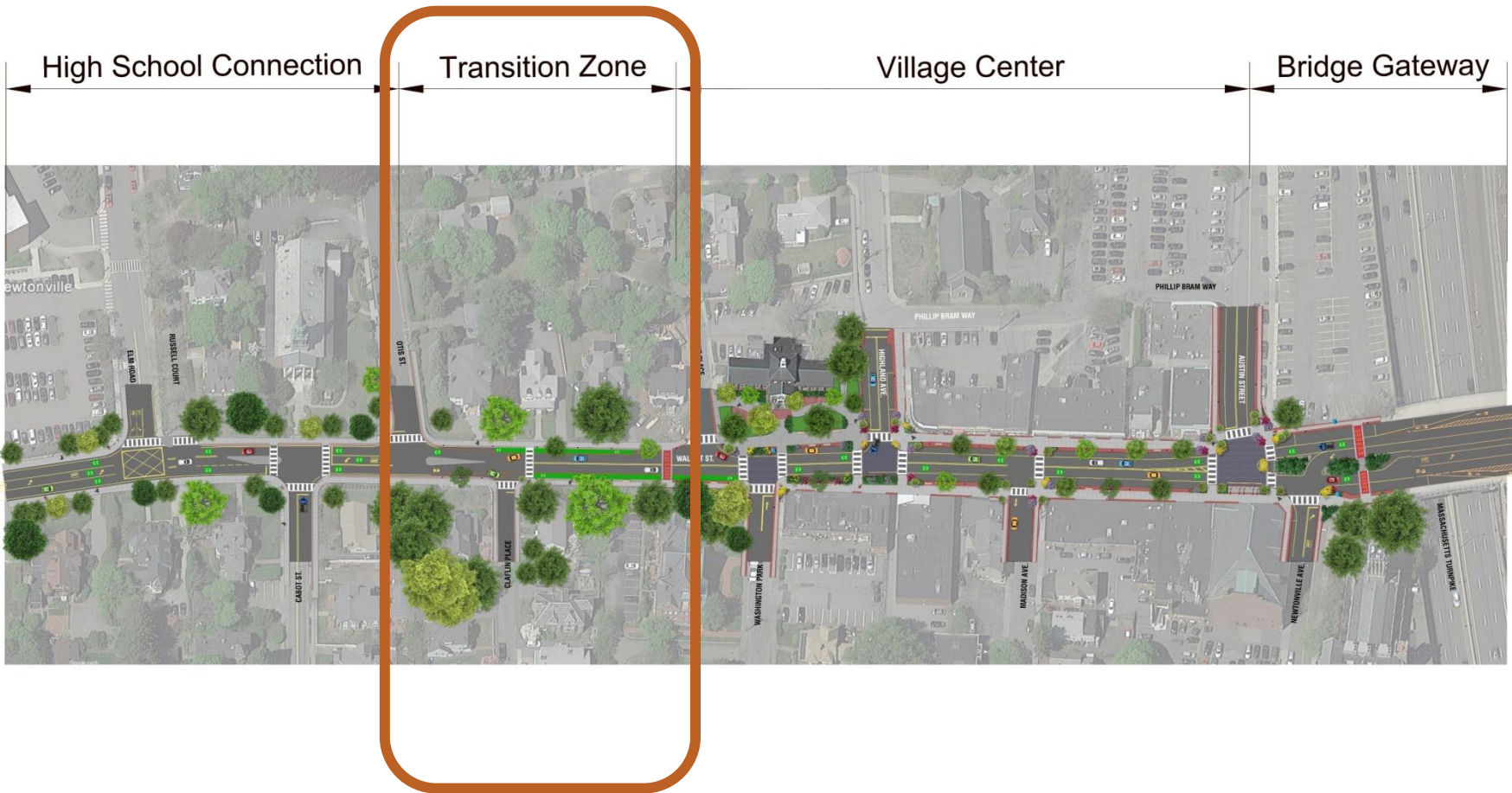


ORNAMENTAL QUALITIES

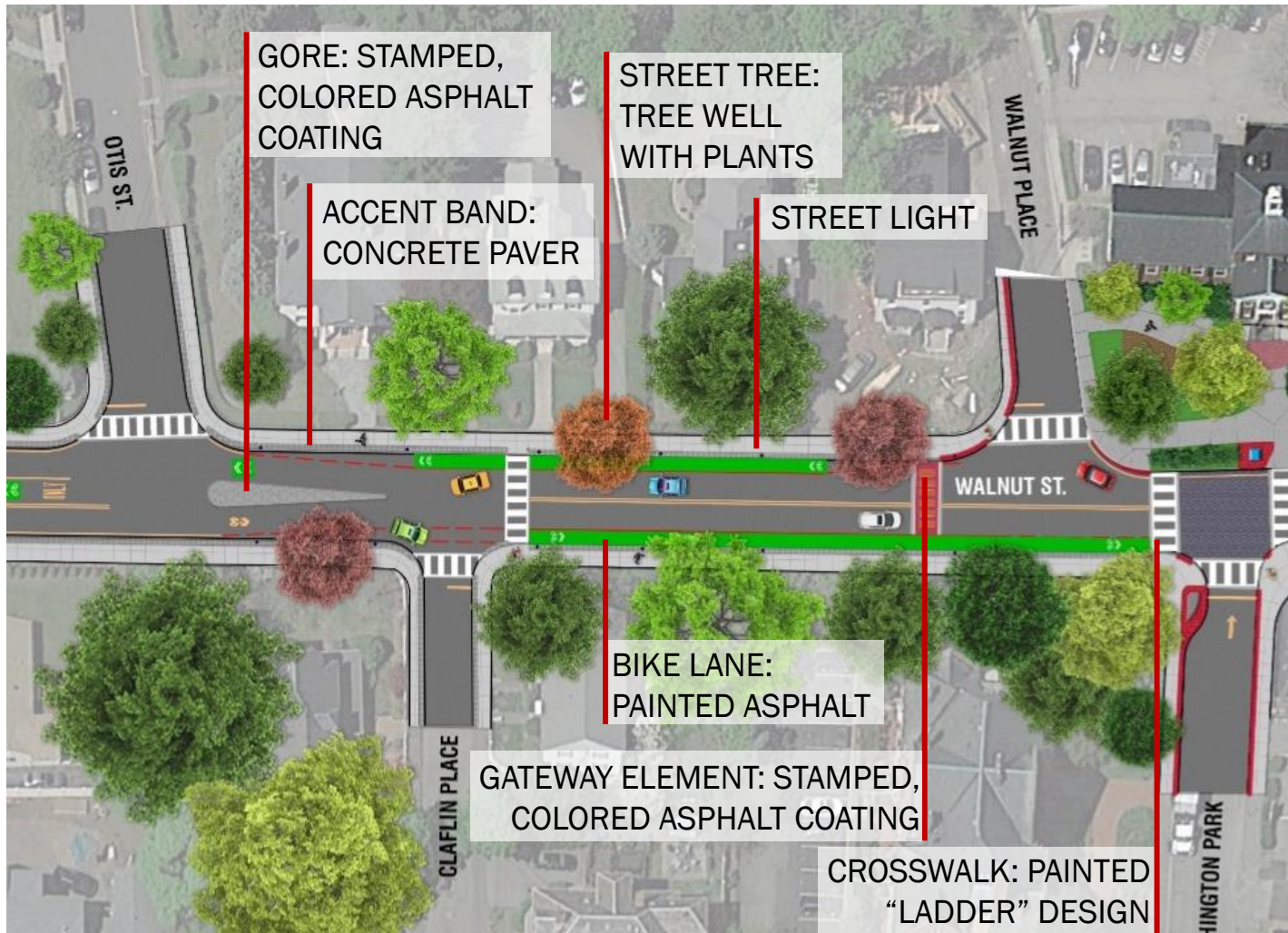


SEASONAL CHANGES

Transition Zone

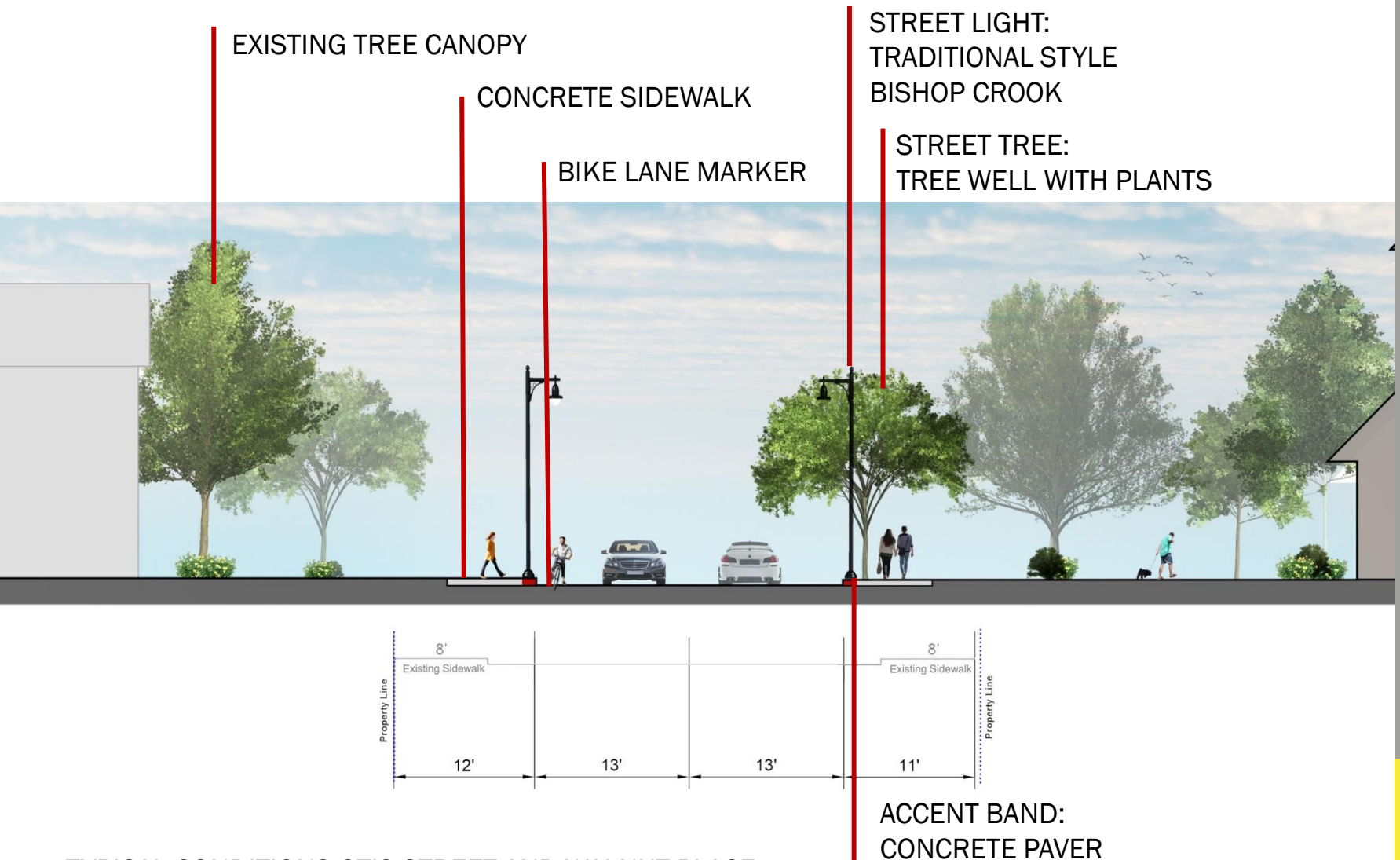


Transition Zone



PLAN ENLARGEMENT

Transition Zone



TYPICAL CONDITIONS OTIS STREET AND WALNUT PLACE

Transition Zone



BIKE LANE MARKERS



PLAN ENLARGEMENT



STREETLIGHT: TRADITIONAL
STYLE BISHOP CROOK



TREE WELLS WITH PLANTS

Transition Zone



SPRING BLOOMS



VISUAL INTEREST



NATIVE PLANT MATERIAL



ORNAMENTAL QUALITIES



SEASONAL CHANGES

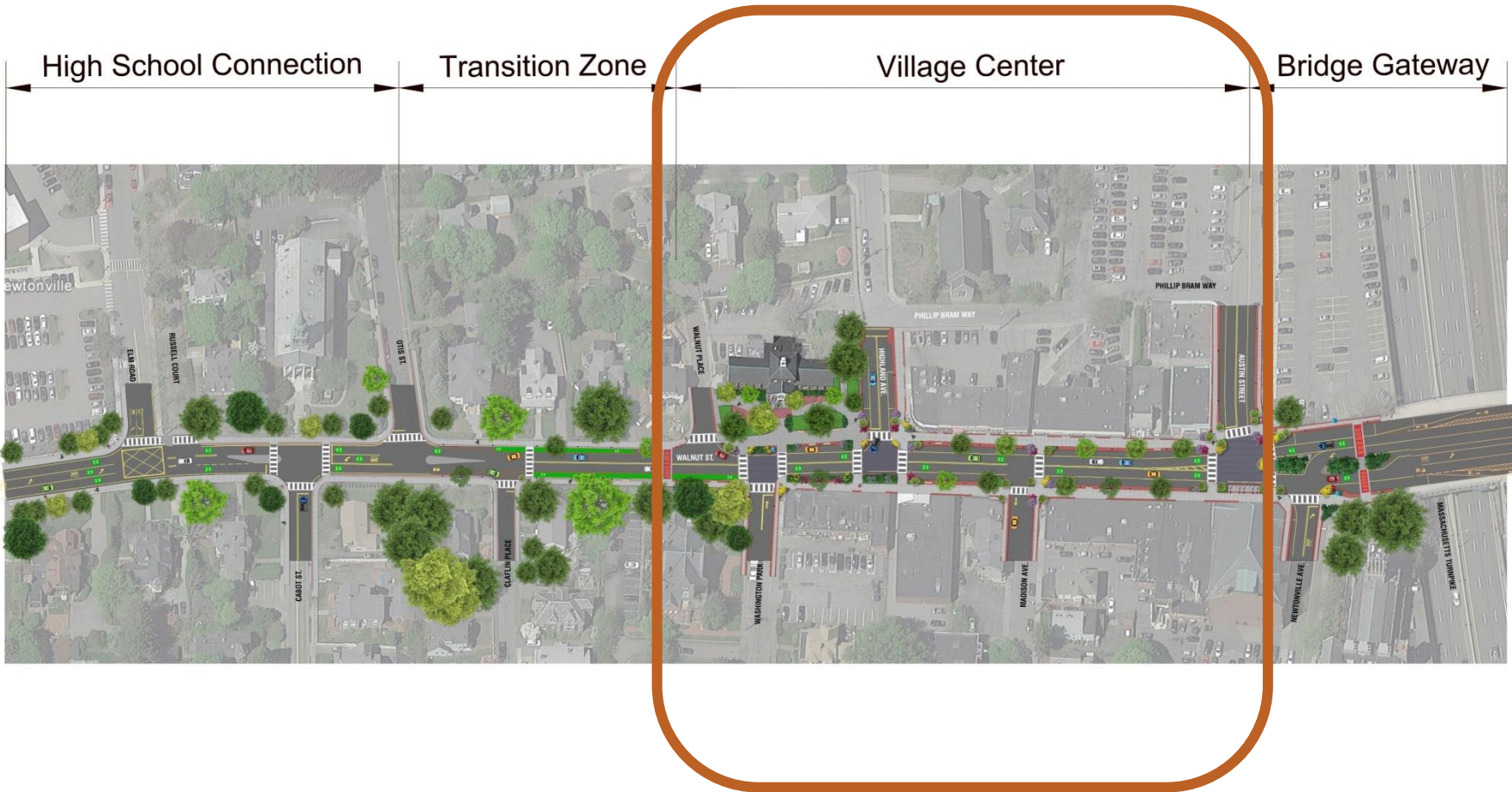


ORNAMENTAL QUALITIES

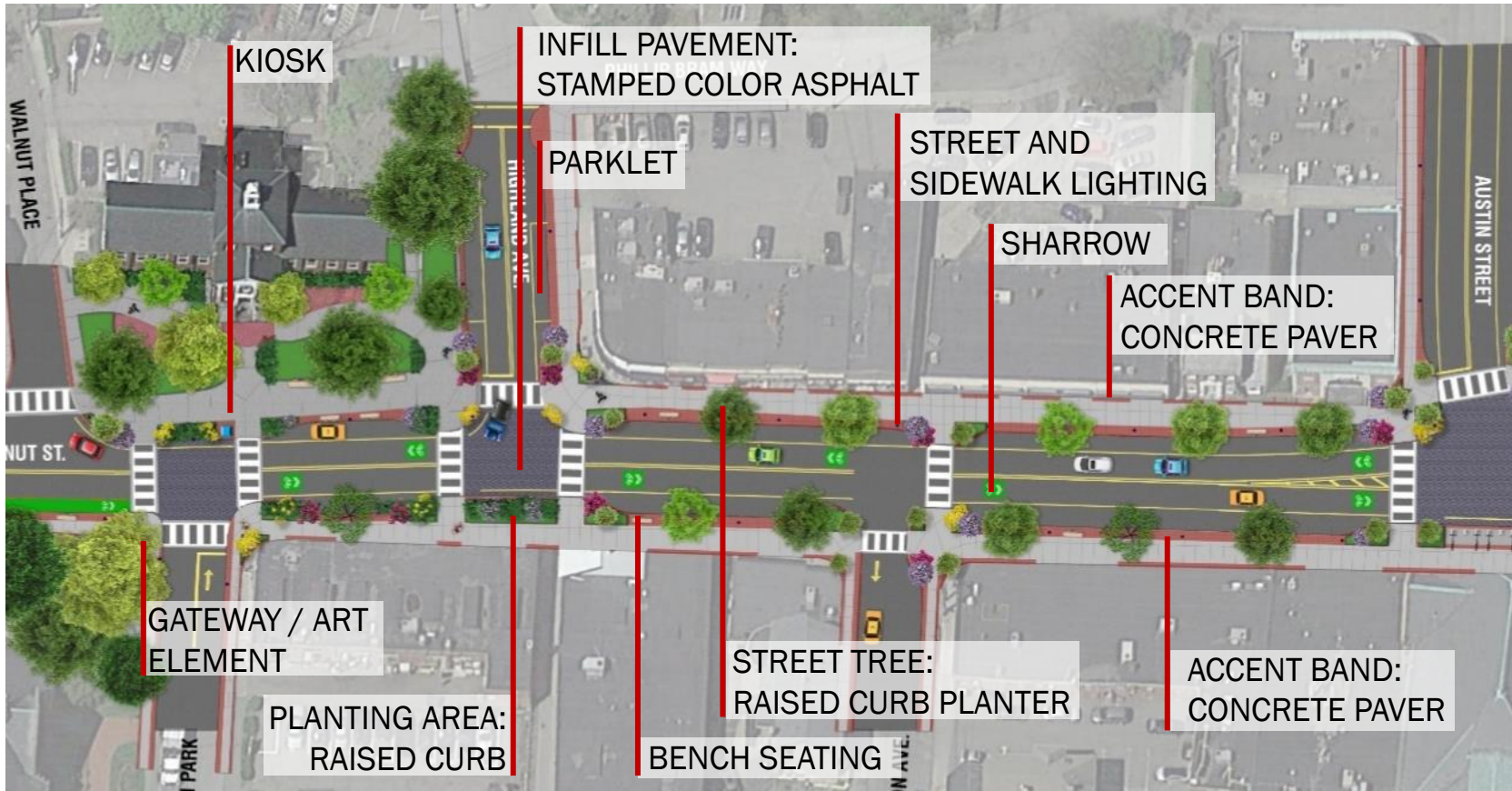


SEASONAL CHANGES

Village Center

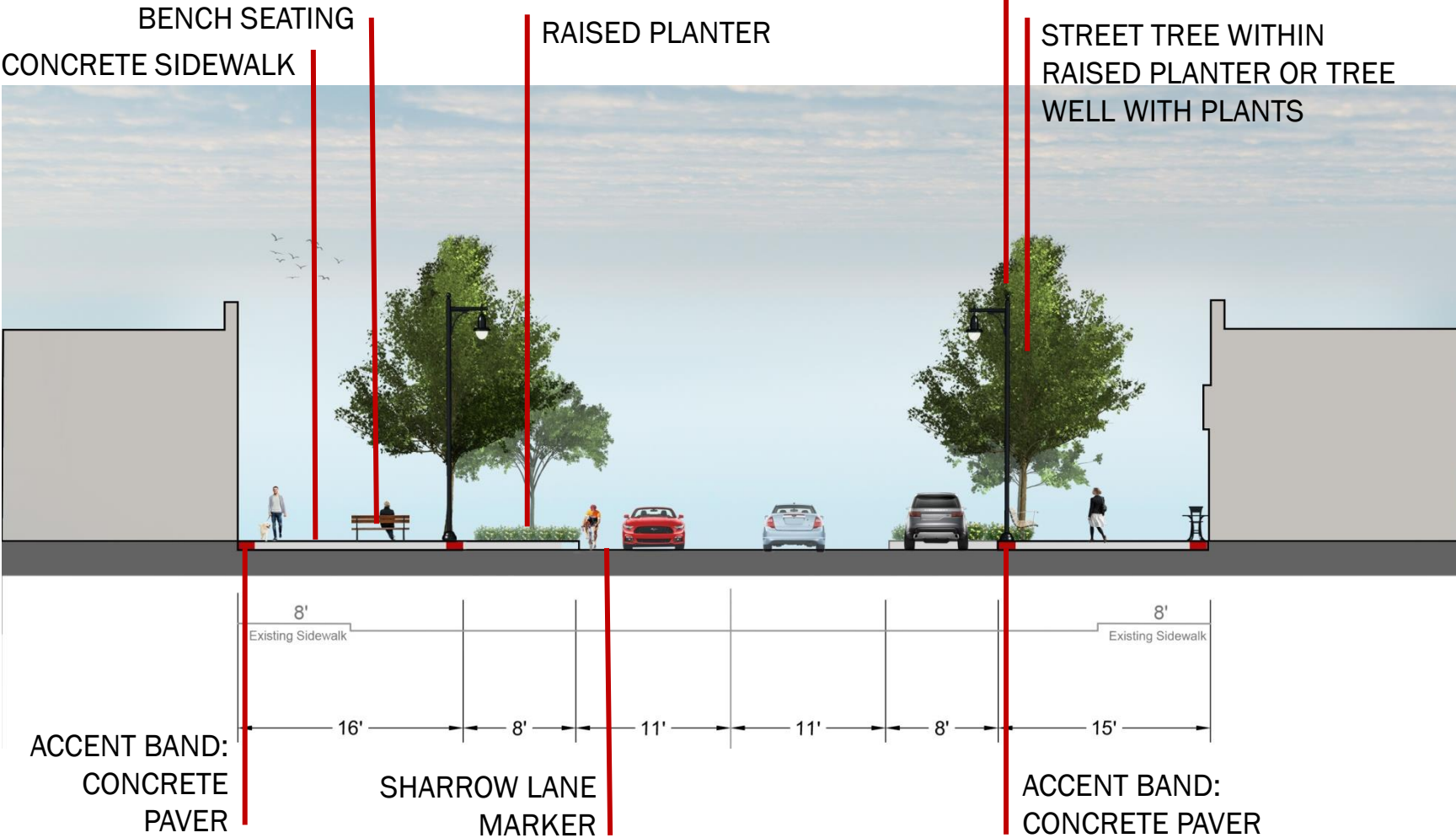


Village Center



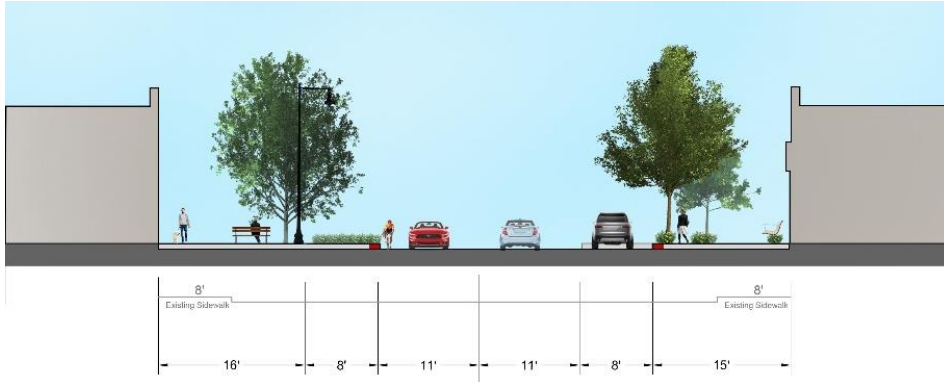
PLAN ENLARGEMENT

Village Center



TYPICAL CONDITIONS WALNUT STREET AT MADISON AVENUE

Village Center



ACCENT BAND: CONCRETE PAVERS



CROSSWALK: LADDER STYLE STRIPING



PLAN ENLARGEMENT



ACCENT BAND ALONG STREET CURB



BENCH SEATING



STREET LIGHT: TRADITIONAL, BISHOP CROOK STYLE

Village Center



DOWN LIGHTS IN STREET TREES



POST LIGHTS REFERENCE AND ILLUMINATE PEDESTRIAN CROSSWALKS

Introduction

Input

Concept

Next Steps

Village Center



PRECAST CONCRETE SEATWALL



SEATING AT RAISED PLANTERS



MOVABLE PLANTERS



CONCRETE PAVERS ON STRUCTURE AT TREE WELLS



TREE WELLS WITHIN ACCENT BAND



SUBSURFACE ENGINEERING FOR STREET TREE HEALTH

Village Center



SPRING BLOOMS



VISUAL INTEREST



NATIVE PLANT MATERIAL



ORNAMENTAL QUALITIES



SEASONAL CHANGES

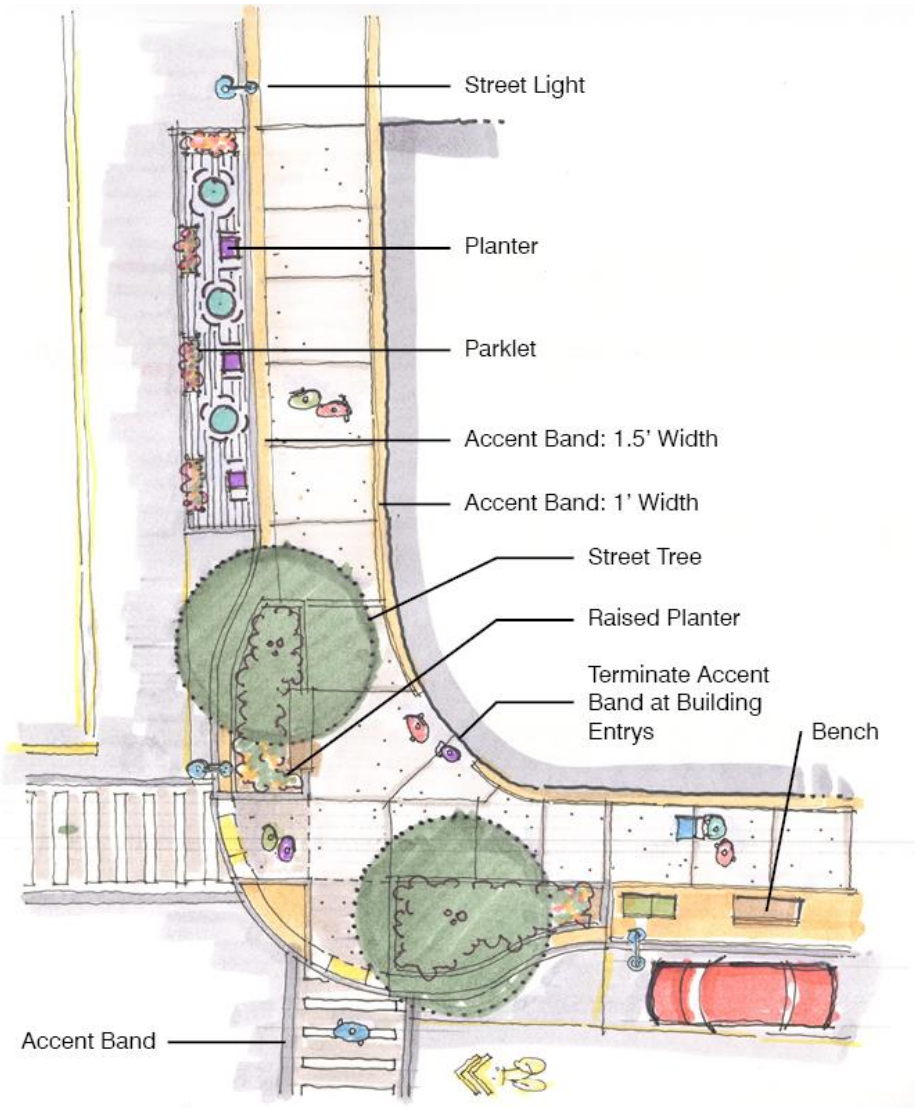


ORNAMENTAL QUALITIES



SEASONAL CHANGES

Village Center



Village Center



Before and After: View looking north from West side of Walnut Street and Highland Avenue intersection

Village Center



Before and After: View looking North from East side of Walnut Street and Highland Avenue intersection

Bridge Gateway

High School Connection

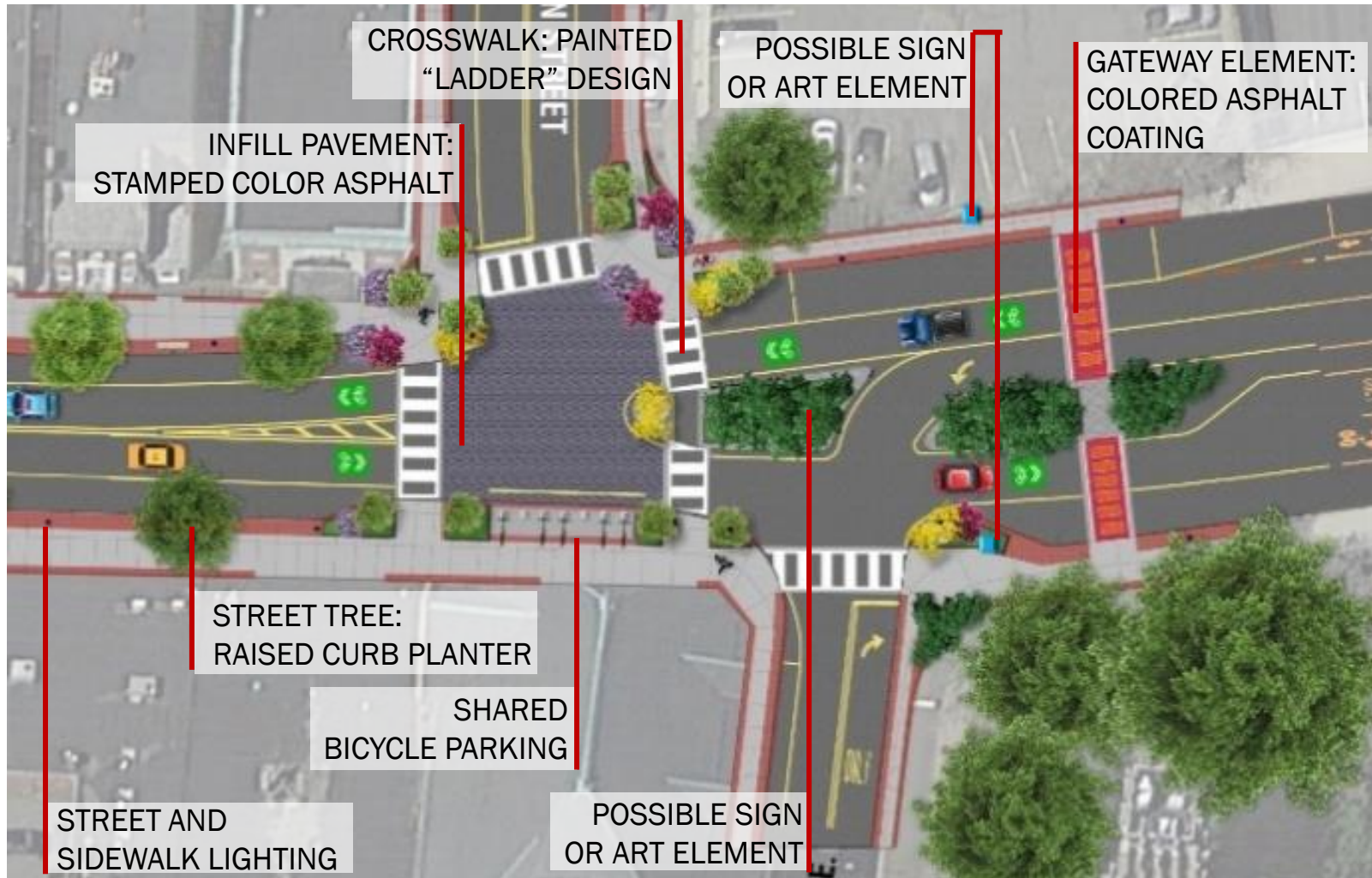
Transition Zone

Village Center

Bridge Gateway



Bridge Gateway



PLAN ENLARGEMENT

Bridge Gateway



SPRING BLOOMS



NATIVE PLANT MATERIAL



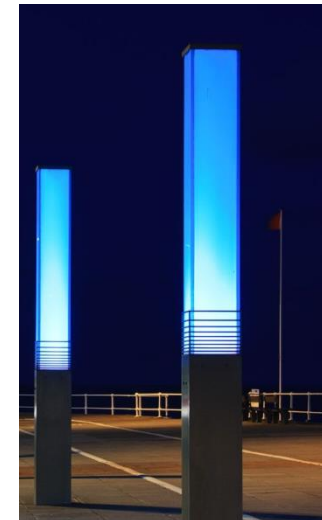
SEASONAL CHANGES



PLAN ENLARGEMENT



GATEWAY VILLAGE SIGN



GATEWAY ELEMENT

Bridge Gateway



STATEMENT SCALE AND SEASONAL CHANGE



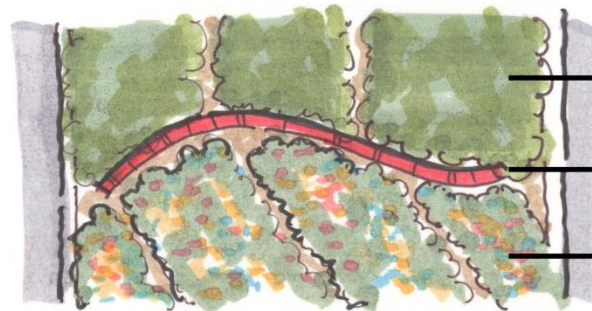
ORNAMENTAL QUALITIES



NATIVE PLANT MATERIAL



SEASONAL CHANGES



YEAR ROUND PLANTING

VILLAGE SIGN

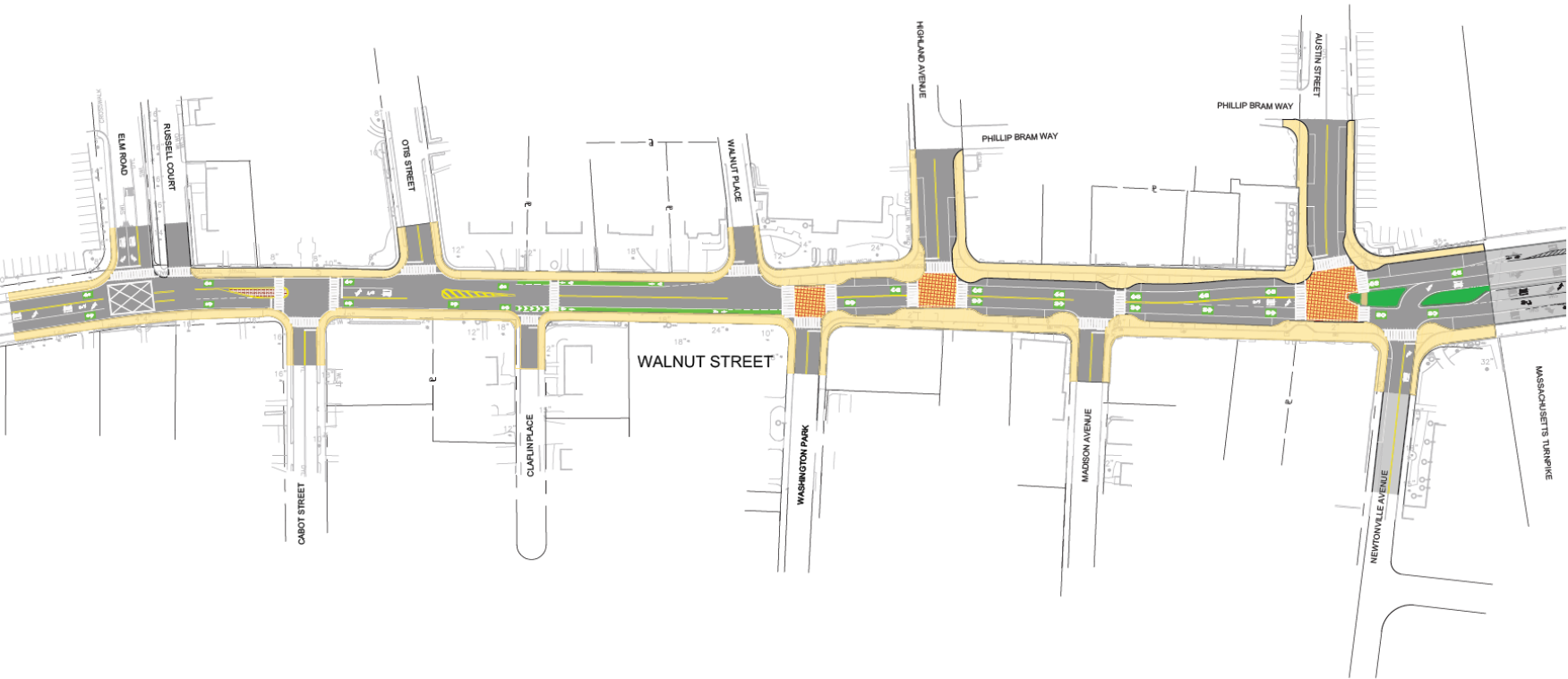
SEASONAL PLANTINGS



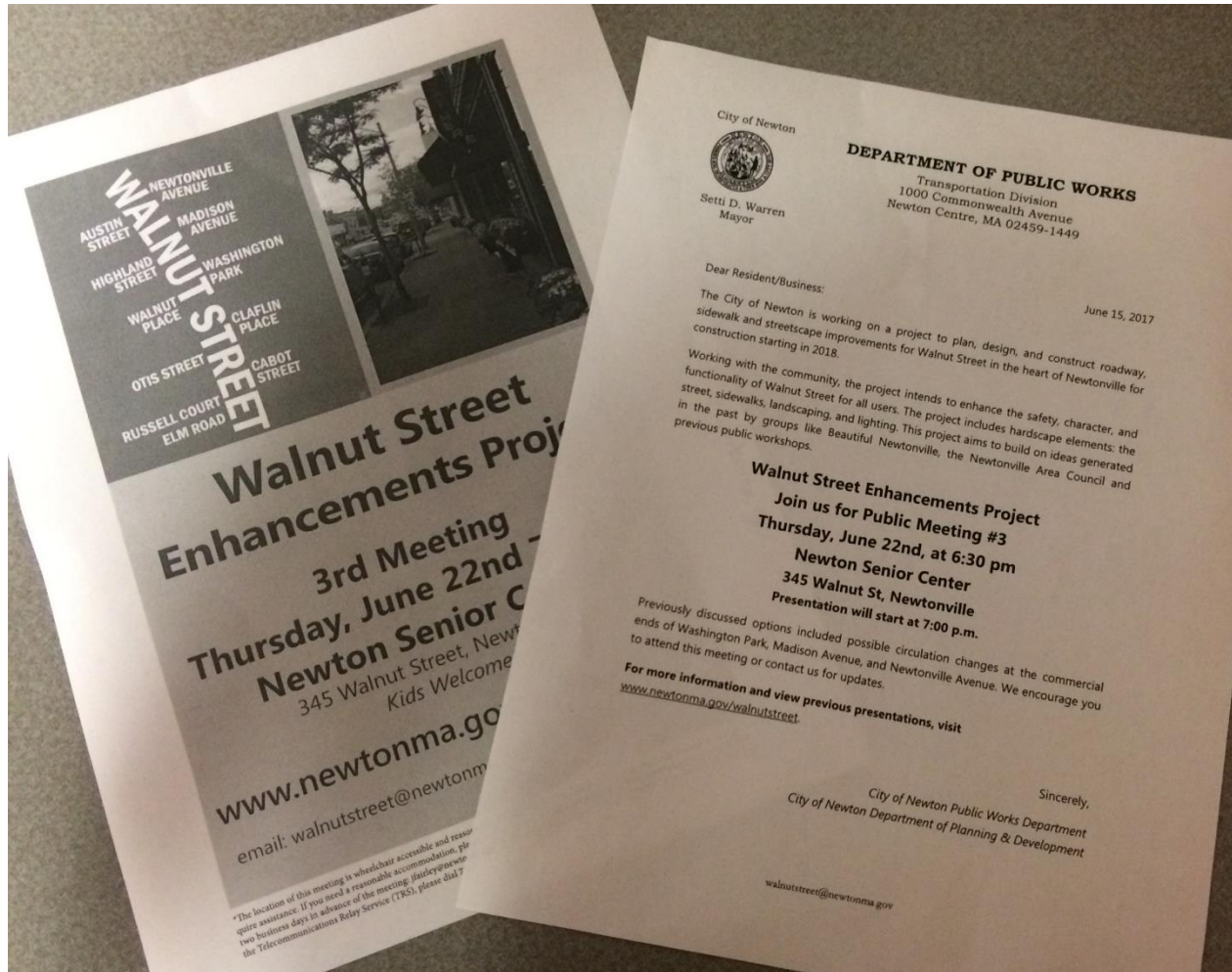
VILLAGE SIGN

SEASONAL PLANTINGS

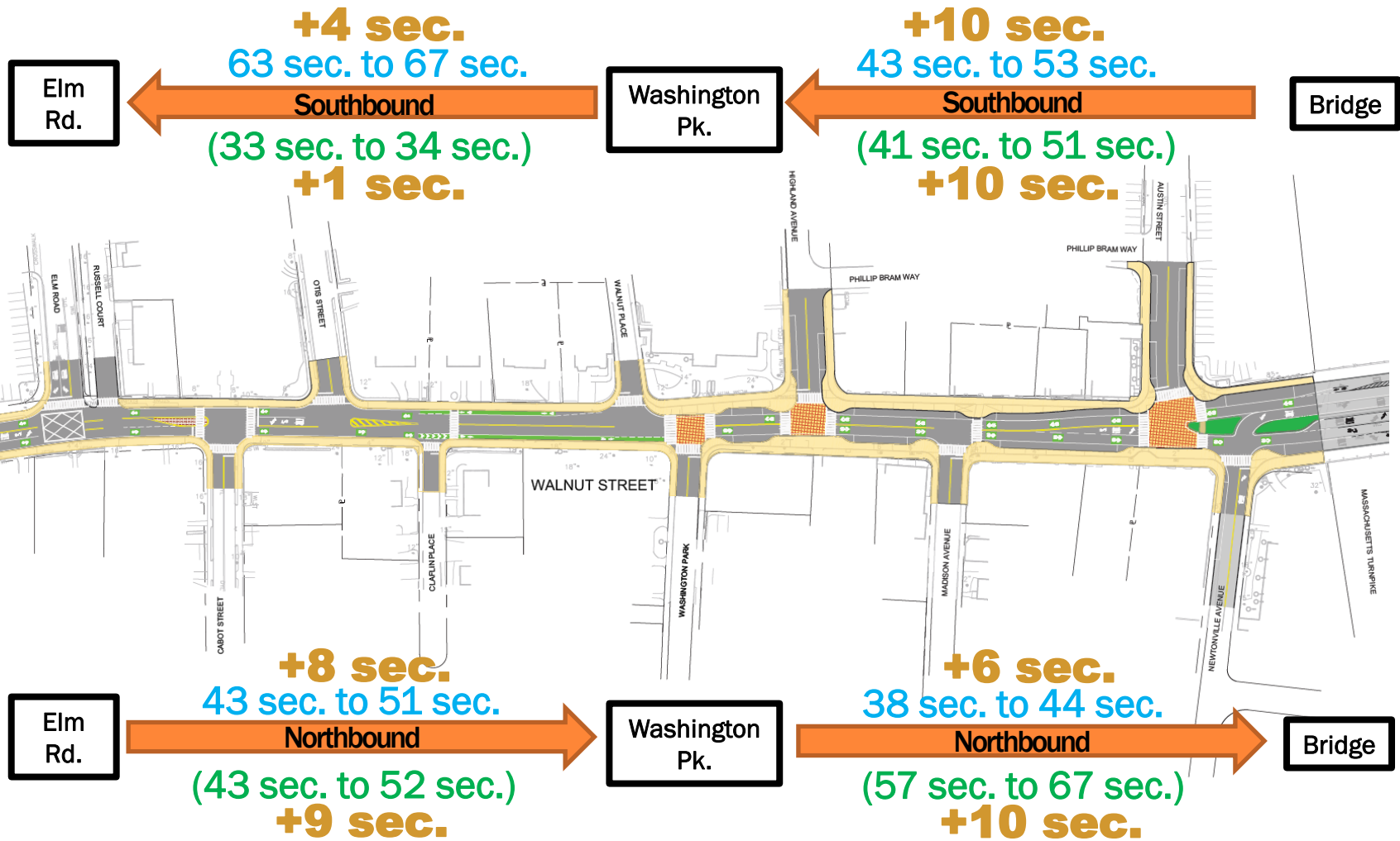
Road Network



Additional Outreach

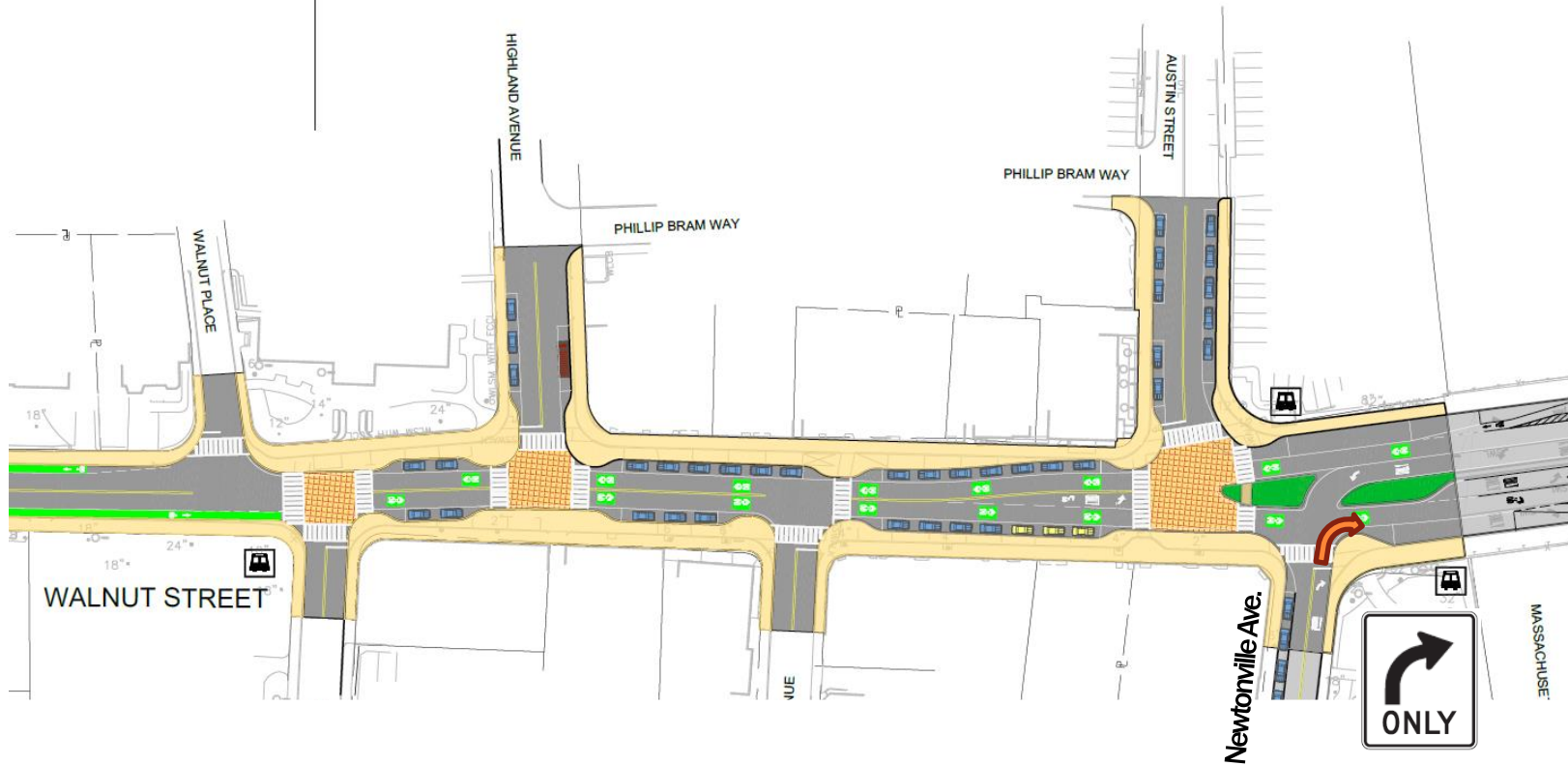


Road Network- Travel Times



XX = Average travel time, AM peak
 (XX) = Average travel time, PM peak

Base Option



Summary

Circulation:

All Side Streets Two-way

Net Parking Change:

- 7 spaces

Net Truck Loading Change:

+1 loading space

Base Option



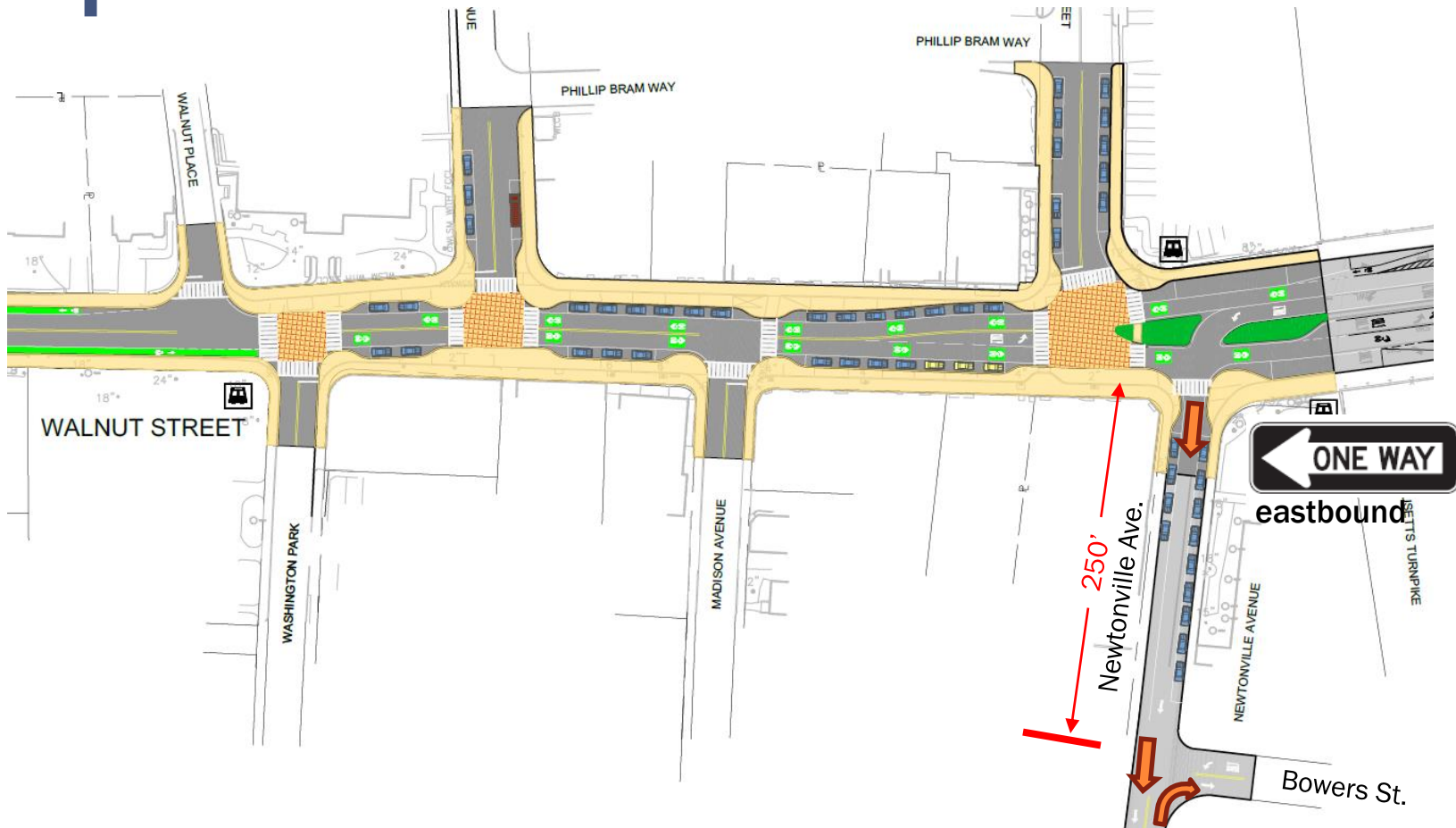
Base Option



Parking Summary	
Existing	51 Spaces
Proposed	44 Spaces (3 w/ time restrictions) 1 Truck Loading
Net Change	- 7 Car Parking +1 Truck Parking

 # Spaces in Concept Plan
 # Existing Parking Spaces

Option 2



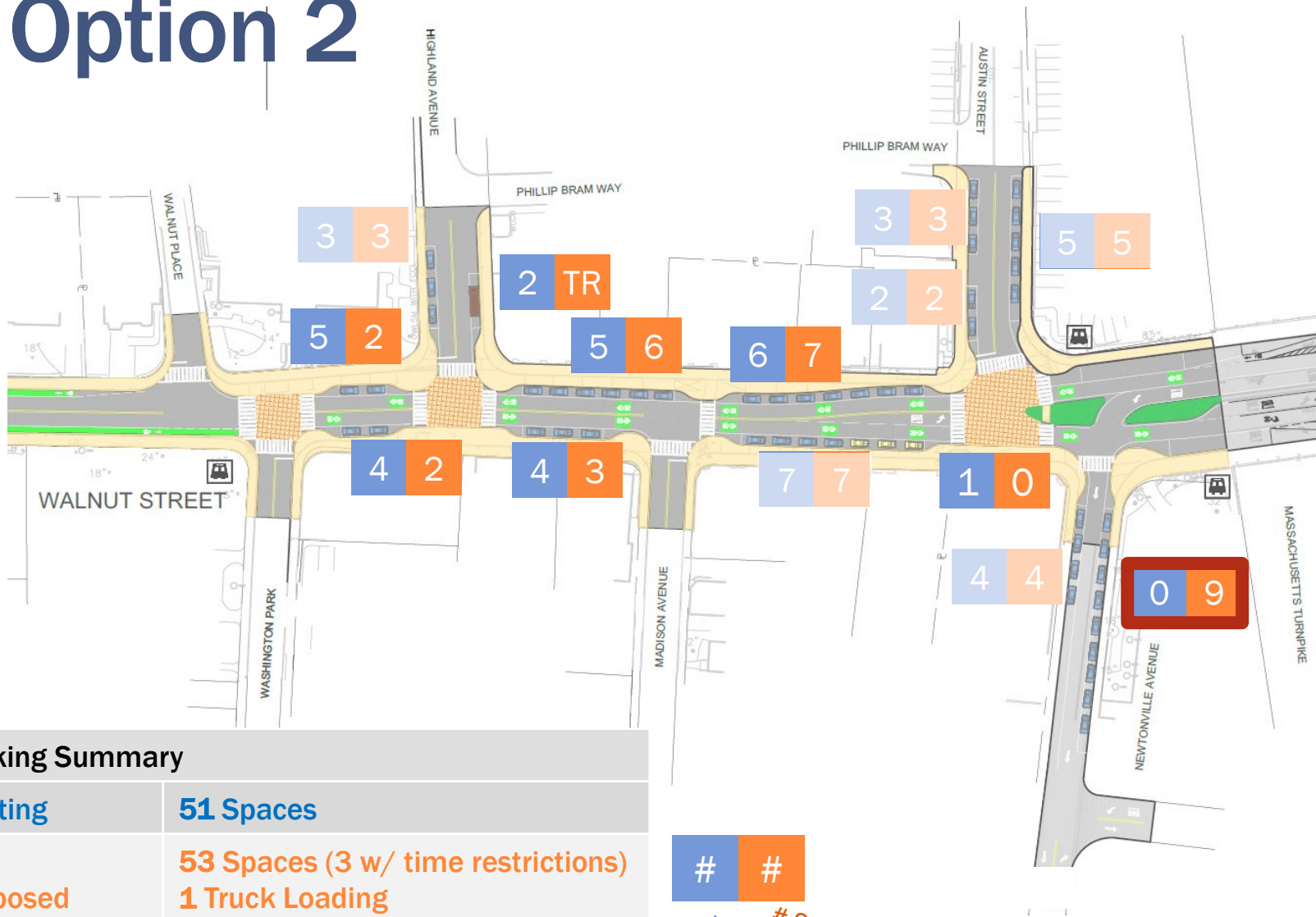
Summary

Circulation:	Newtonville Ave One-way for 250' (to Bowers)
Net Parking Change:	+2 spaces
Net Truck Loading Change:	+1 loading space

Option 2



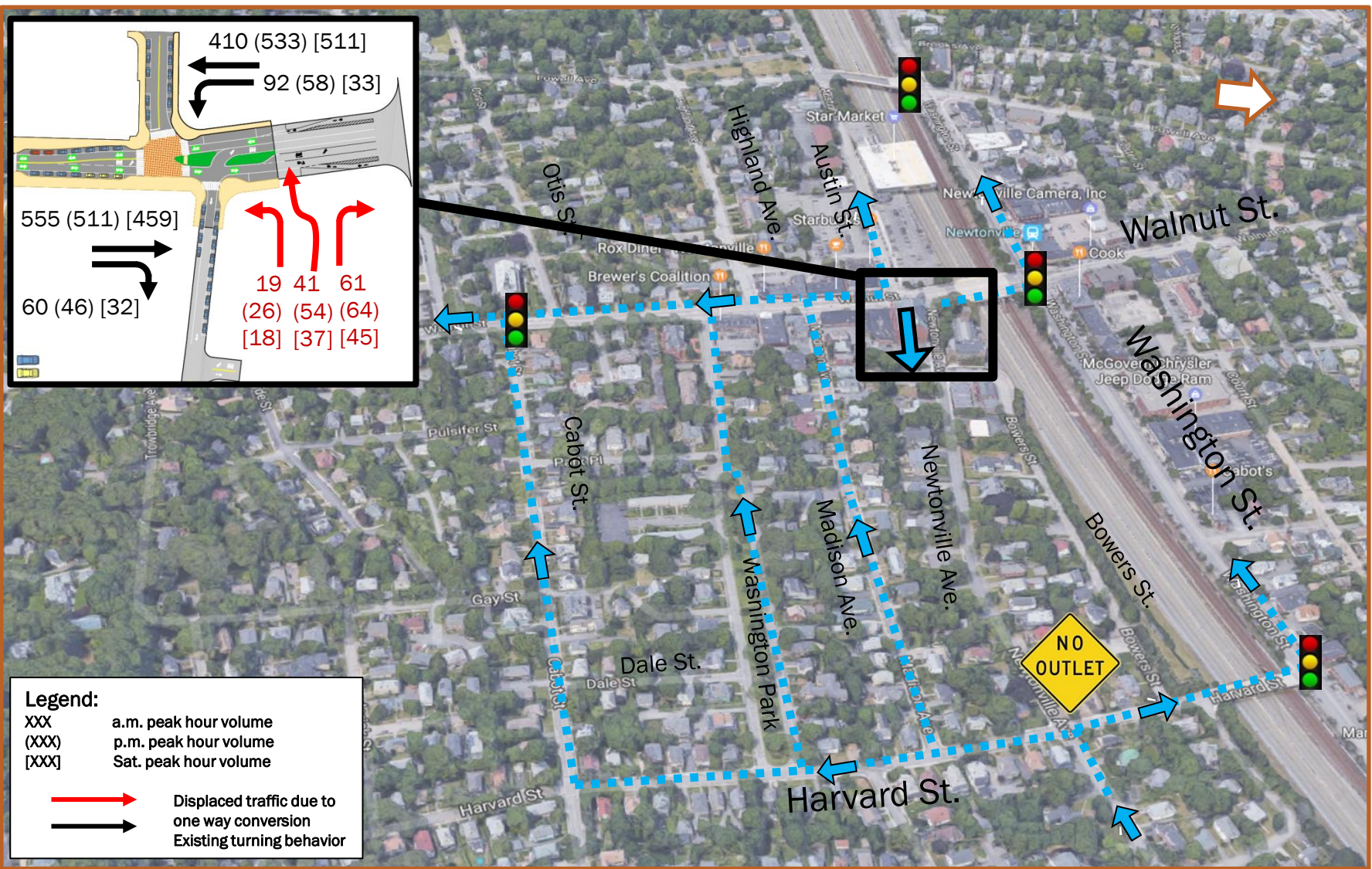
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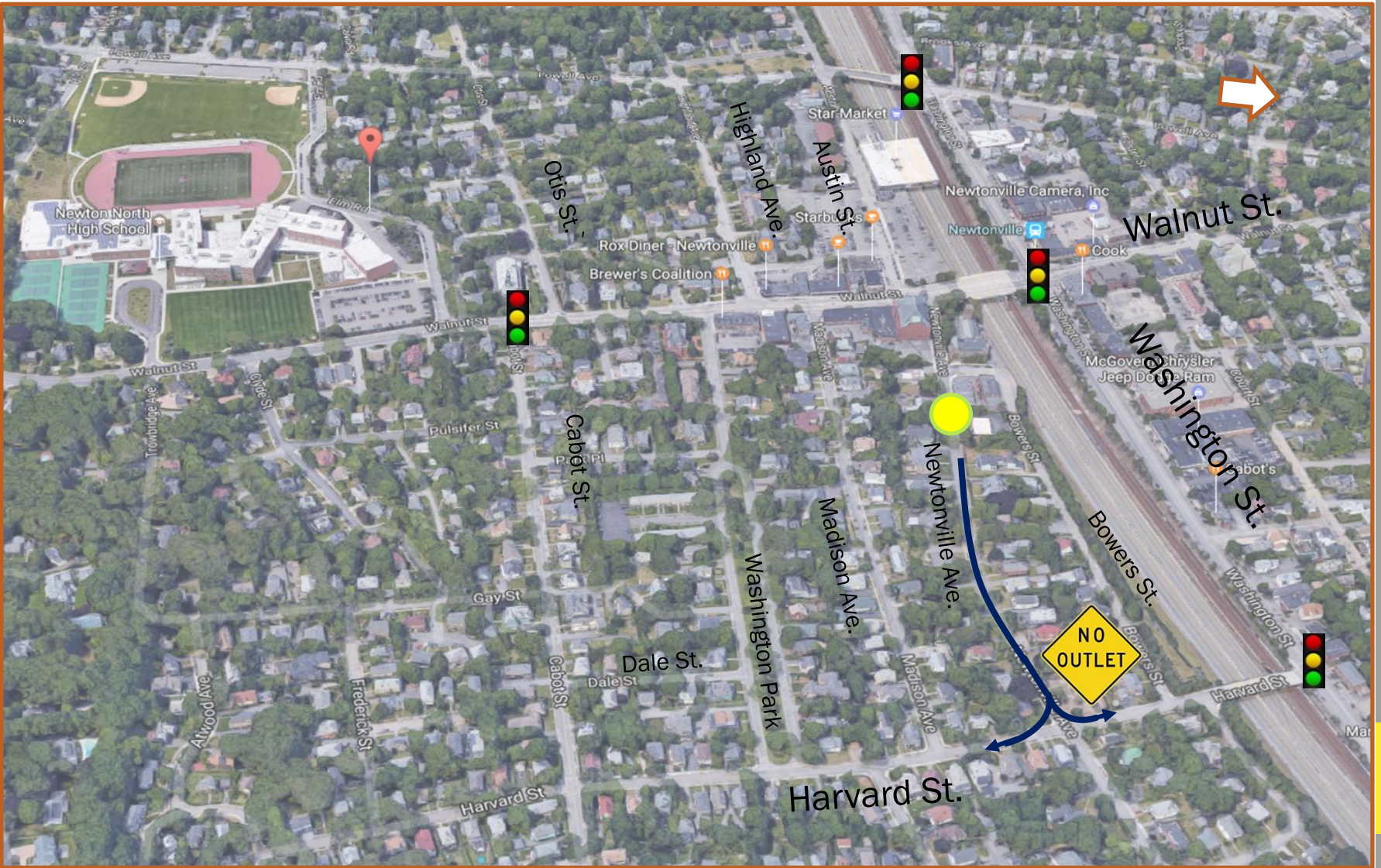
Parking Summary	
Existing	51 Spaces
Proposed	53 Spaces (3 w/ time restrictions) 1 Truck Loading
Net Change	+2 Car Parking +1 Truck Parking

 # Spaces in Concept Plan
 # Existing Parking Spaces

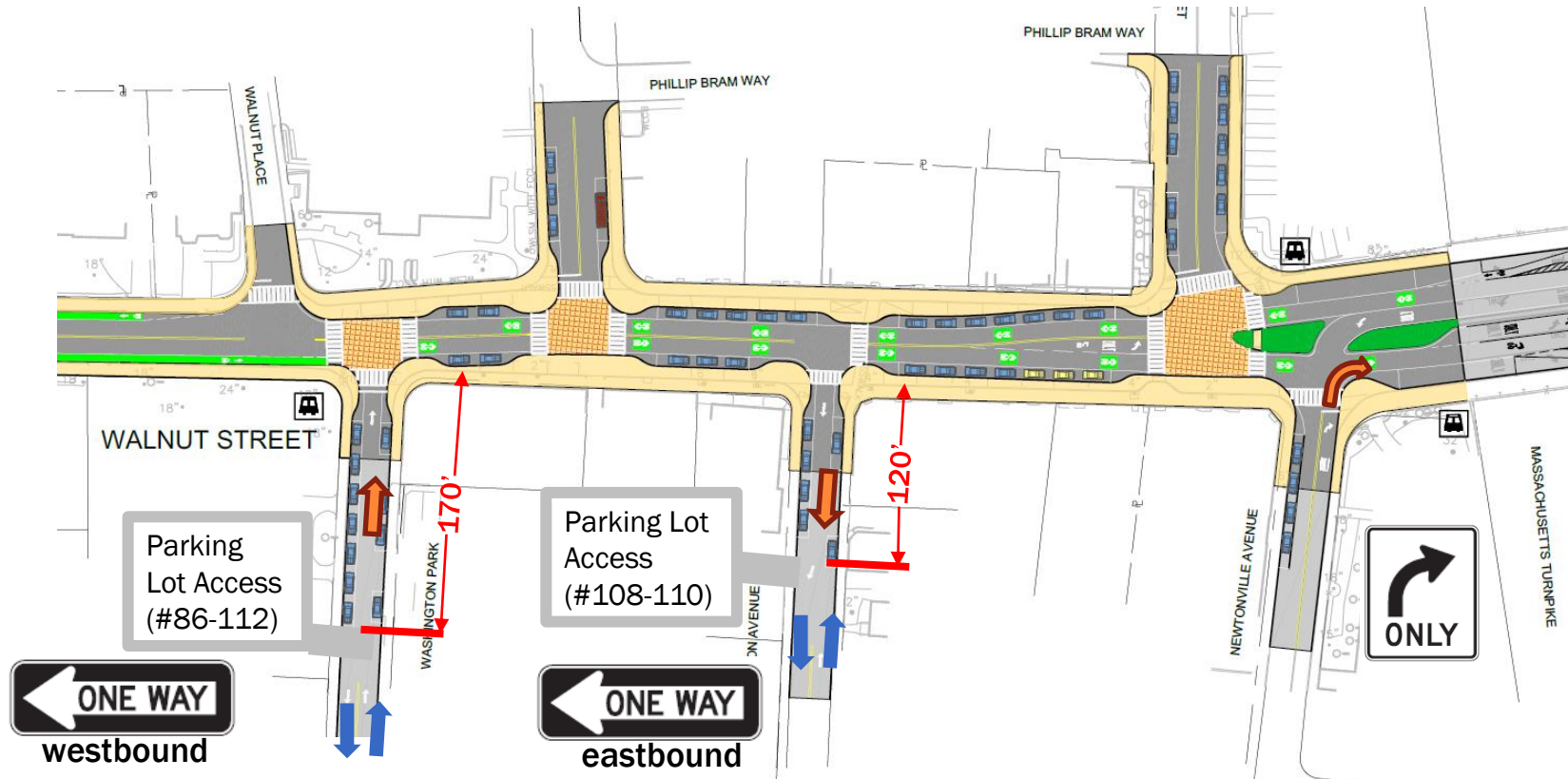
Option 2



Option 2



Option 3



Summary

Circulation: Washington Park & Madison Ave - One-way for Commercial Edges

Net Parking Change: + 7 spaces

Net Truck Loading Change: +1 loading space

Option 3



Option 3

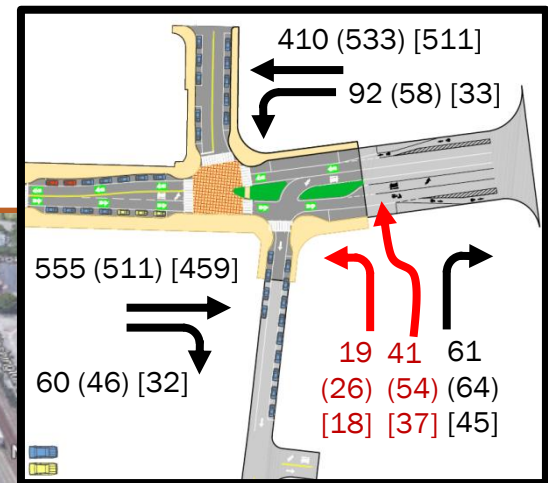
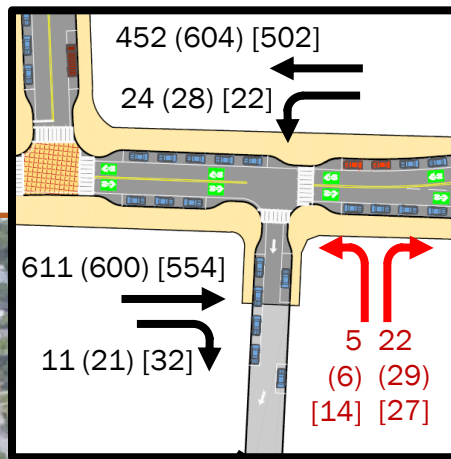
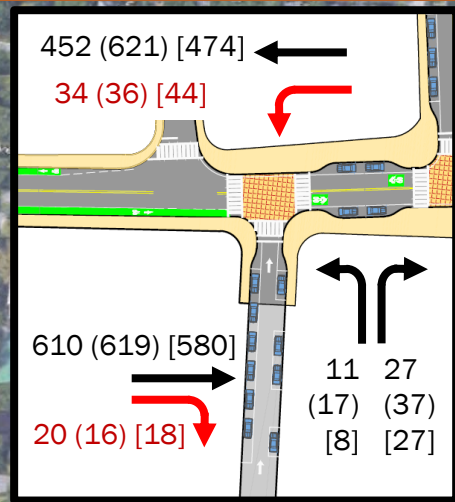


Parking Summary

Existing	51 Spaces
Proposed	58 Spaces (3 w/ time restrictions) 1 Truck Loading
Net Change	+7 Car Parking +1 Truck Parking

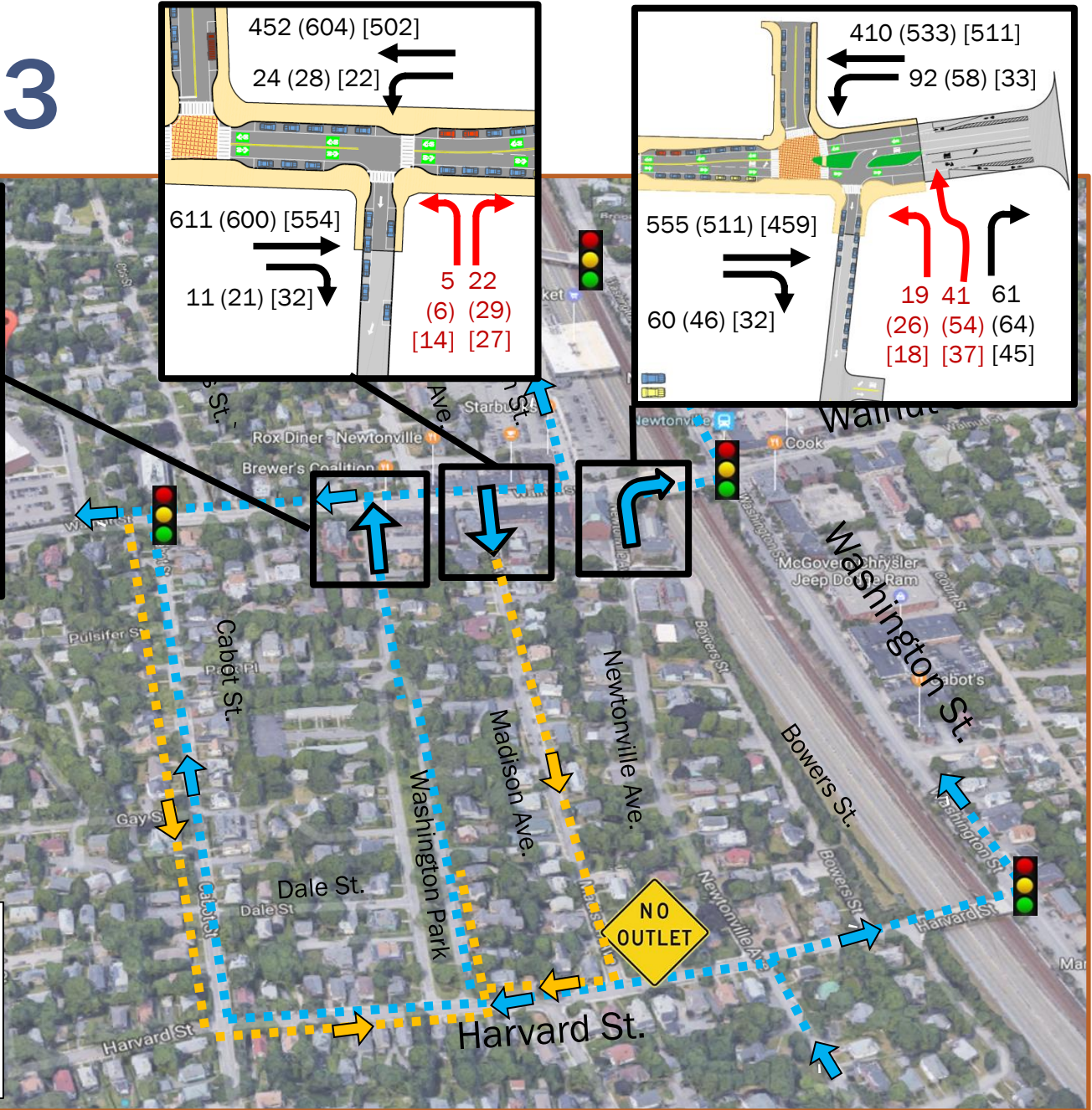
 # Spaces in Concept Plan
 # Existing Parking Spaces

Option 3

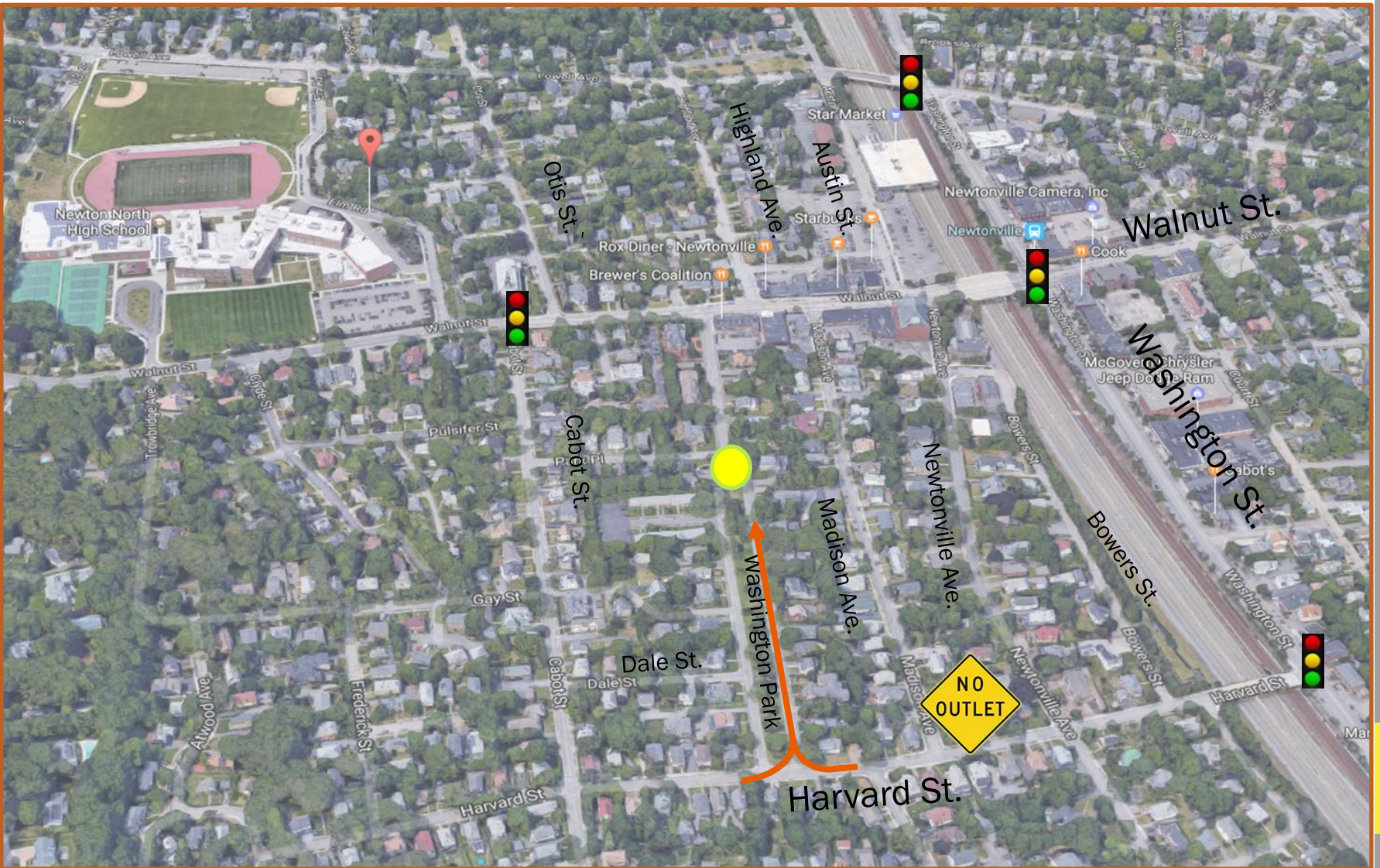


Legend:

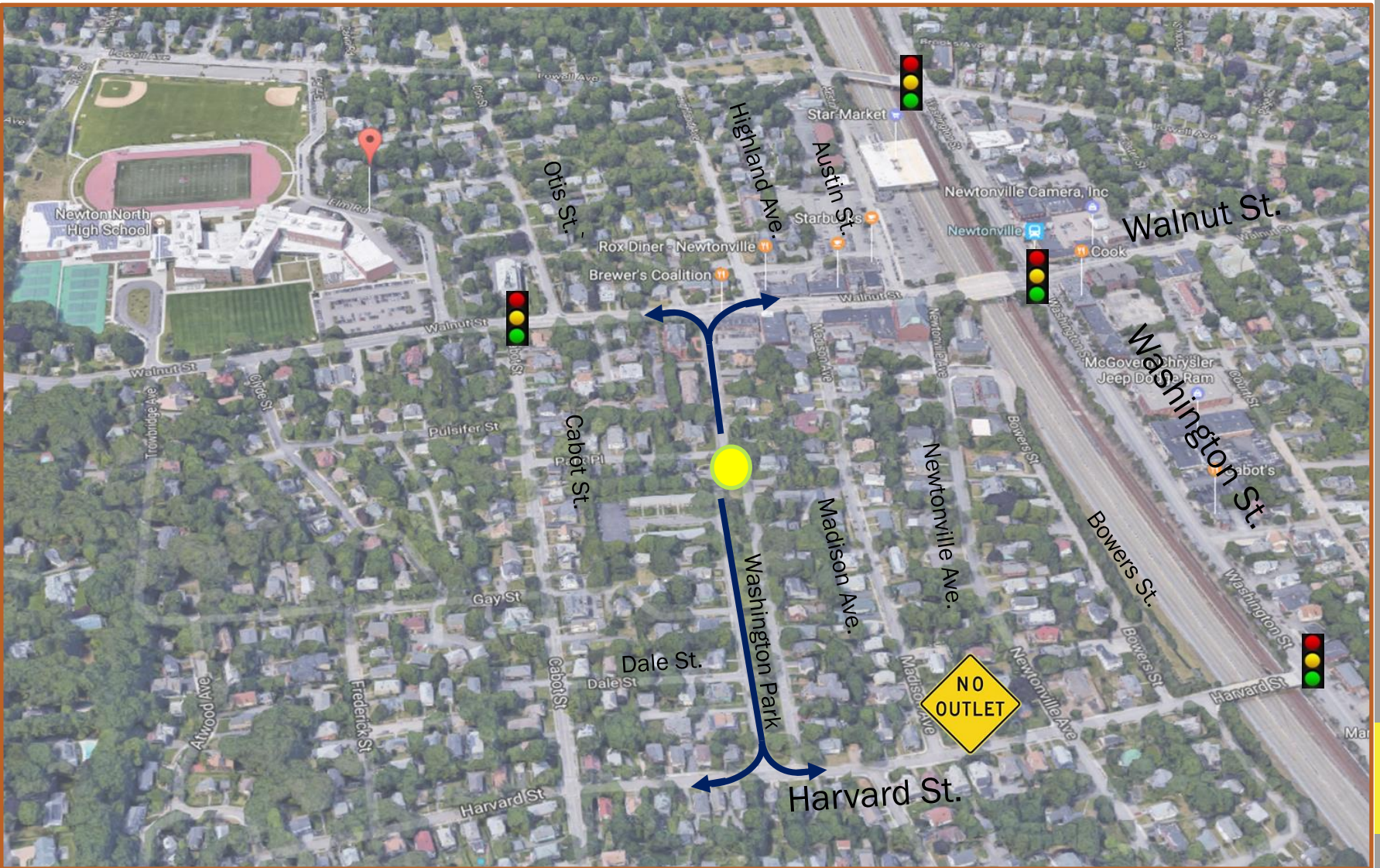
- XXX Impacted a.m. peak hour volume
- (XXX) Impacted p.m. peak hour volume
- [XXX] Impacted Sat. peak hour volume
- ↘ Displaced traffic due to one way conversion
- Existing turning behavior



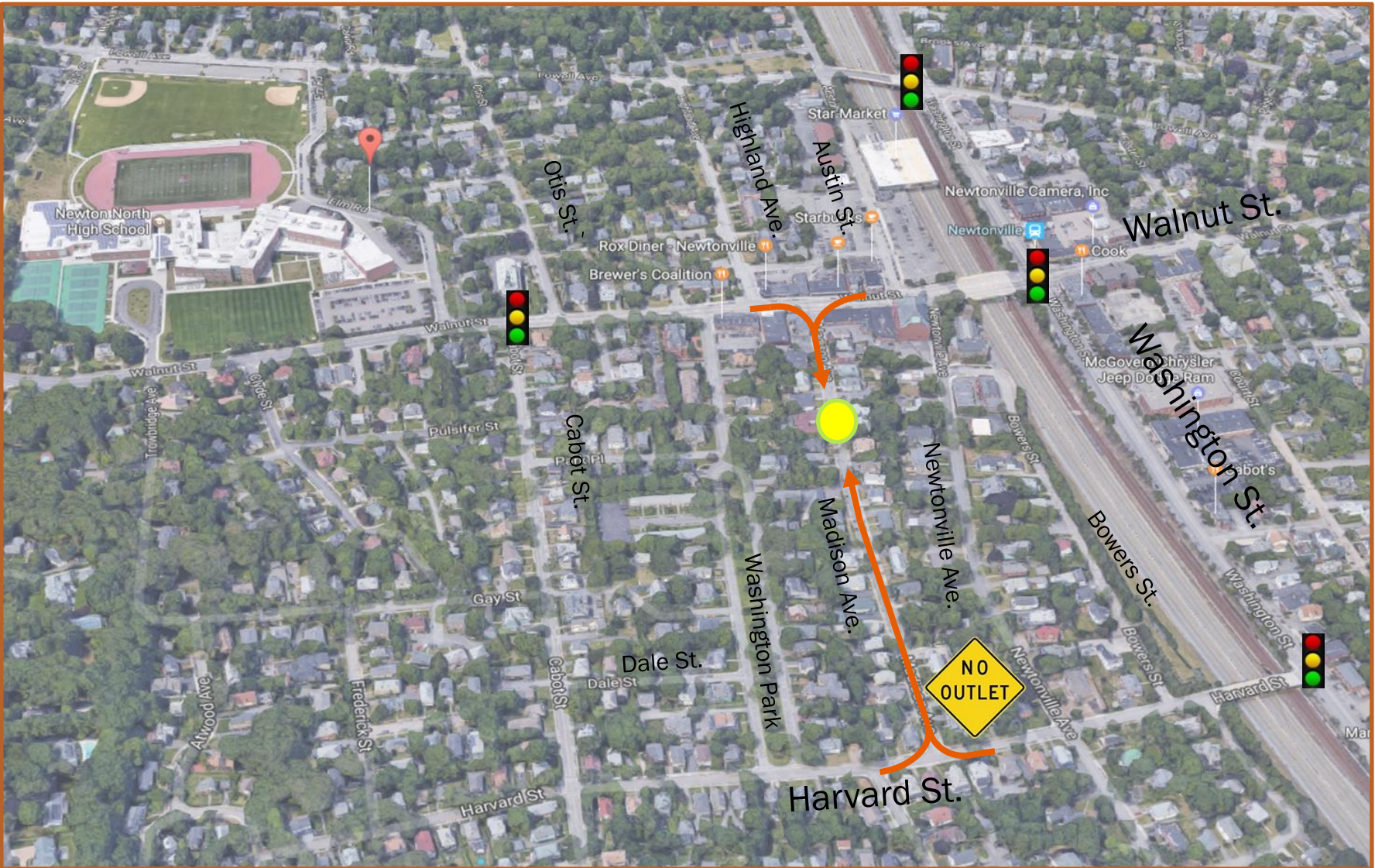
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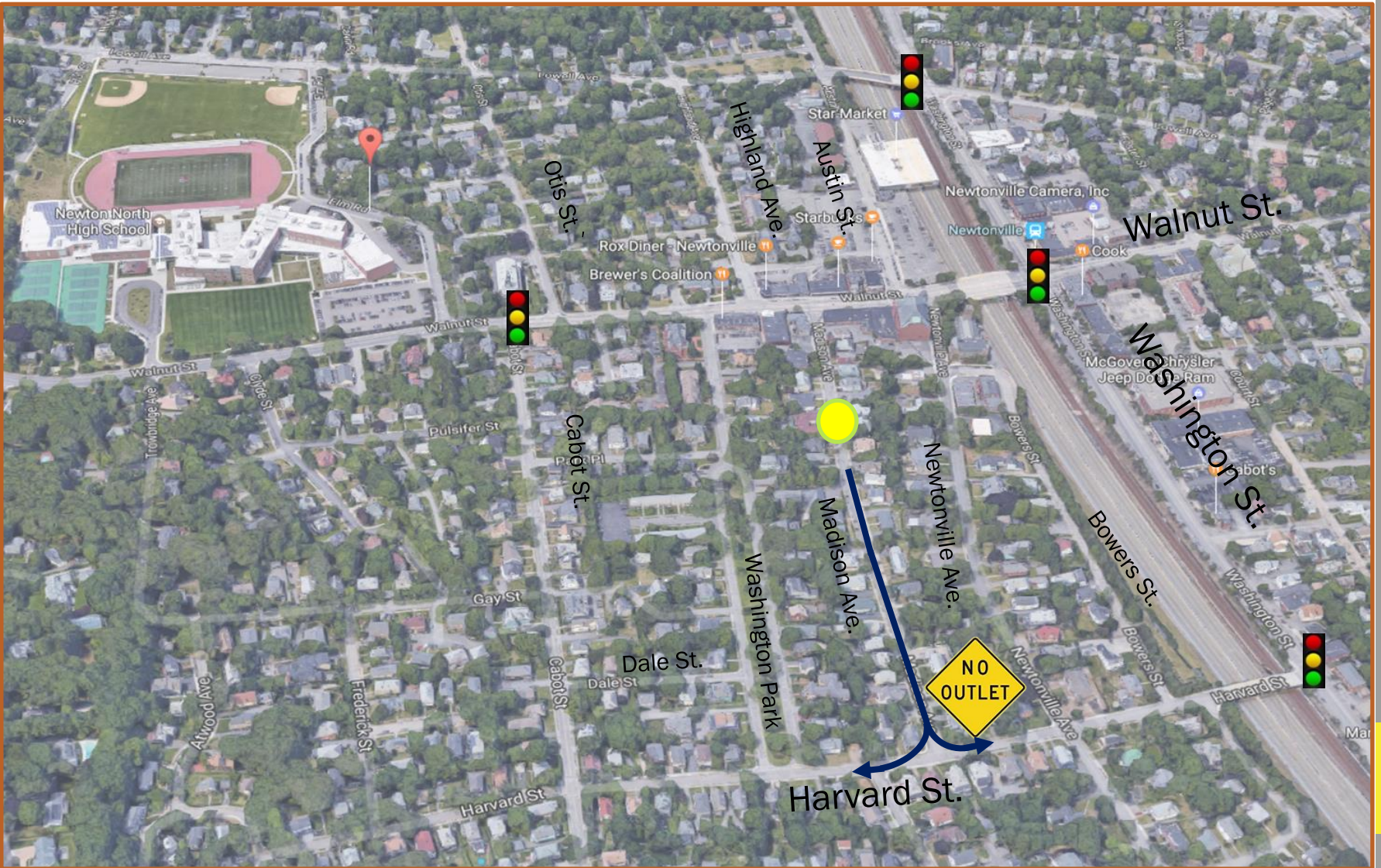
Option 3



Option 3



Option 3



Comparison of Options

	Option 1	Option 2	Option 3
<u>Altered Circulation:</u> Newtonville Ave.	No Left-Turns	250' One-Way Conversion	No Left-Turns
Madison Ave.	<i>(no change)</i>	<i>(no change)</i>	120' One-Way Conversion
Washington Pk.	<i>(no change)</i>	<i>(no change)</i>	170' One-Way Conversion
<u>Curb Usage:</u> Parking Spaces	44 <i>(-7 from existing)</i>	53 <i>(+2 from existing)</i>	58 <i>(+7 from existing)</i>
Truck Loading	1 <i>(+1 from existing)</i>	1 <i>(+1 from existing)</i>	1 <i>(+1 from existing)</i>
<u>Displaced Vehicles:</u>	Newtonville Ave.	Newtonville Ave.	Newtonville Ave. Madison Ave. Wash. Pk.
AM	60 vph	121 vph	60 vph 27 vph 54 vph
PM	80 vph	144 vph	80 vph 35 vph 52 vph
Sat.	55 vph	100 vph	55 vph 41 vph 62 vph

*vph = vehicles per hour

Smart Parking Management

Projected Outcome: Employ smart meter technology and parking management to better serve customers, businesses, and residents



Next steps: Concept Development

(1)

Concept

- Meeting 3: Present & Discuss Concept
~TODAY!

(2)

Learn from Feedback

- Open House before

(3)

Present Concept to Council

- Staff and Plans will be available in City Hall for an hour before the meeting
~Date in Fall TBD

Full Schedule

(1)

Data Collection & Brainstorming

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Detail Design
Sept 2017-Summer 2018

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Austin Street*

(3)

Preferred Concept

- Meeting 3: Present & Discuss Preferred Concept
~June/July 2017

(4)

Present to Council

How to stay involved

■ Stay in touch!

- Questions or comments on the options, please email us @ walnutstreet@newtonma.gov
- Businesses can also contact Kathryn Ellis, Economic Development Director @ kellis@newtonma.gov

■ Make sure we have your email to receive updates

■ Come to the City Council Meeting

- Staff and plans will be available in City Hall for an hour before the City Council meeting (date TBD)

Thank you!

www.newtonma.gov/walnutstreet
walnutstreet@newtonma.gov

