

Walnut Street Enhancements Project

Public Meeting #2

May 1, 2017



Environmental  Partners
GROUP

 HARRIMAN

Setti D. Warren
Mayor

Tonight's Agenda

- **Introduction: Recap Scope, Goals & Schedule**

- Presentation from F.A. Day Middle School

- **Review Input to Date**

- **Review Concept Layout Options**

- Option A
- Option B

- **Next Steps**

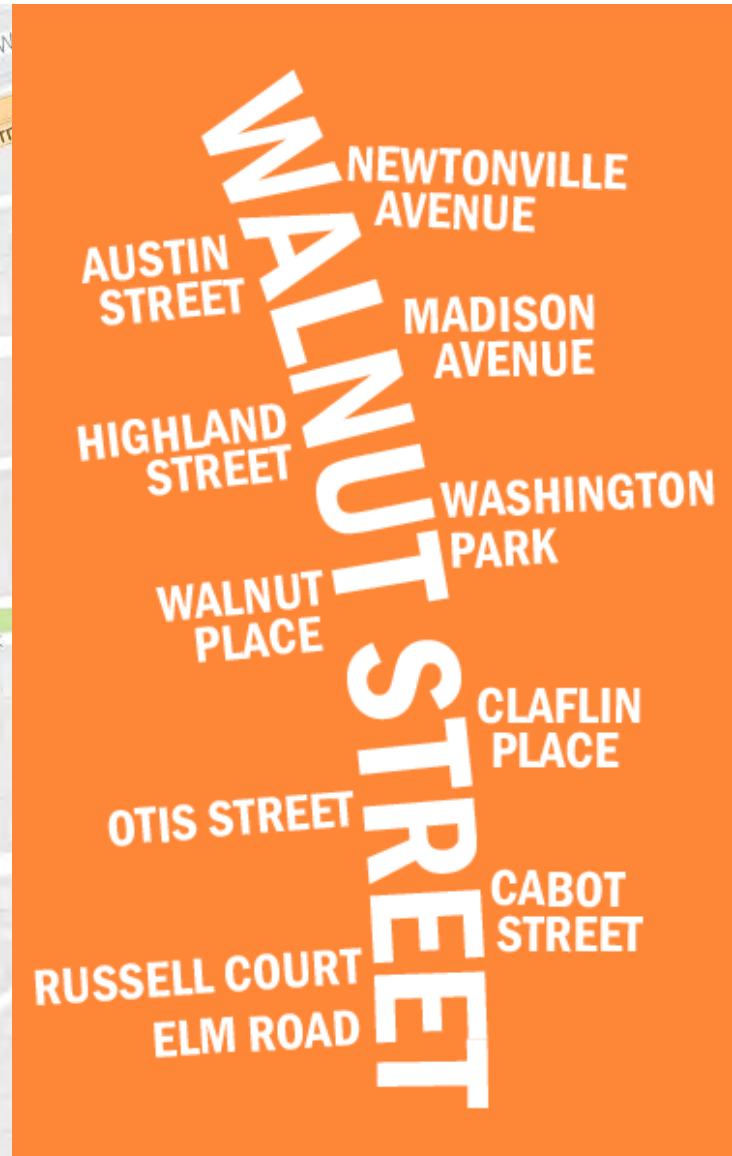
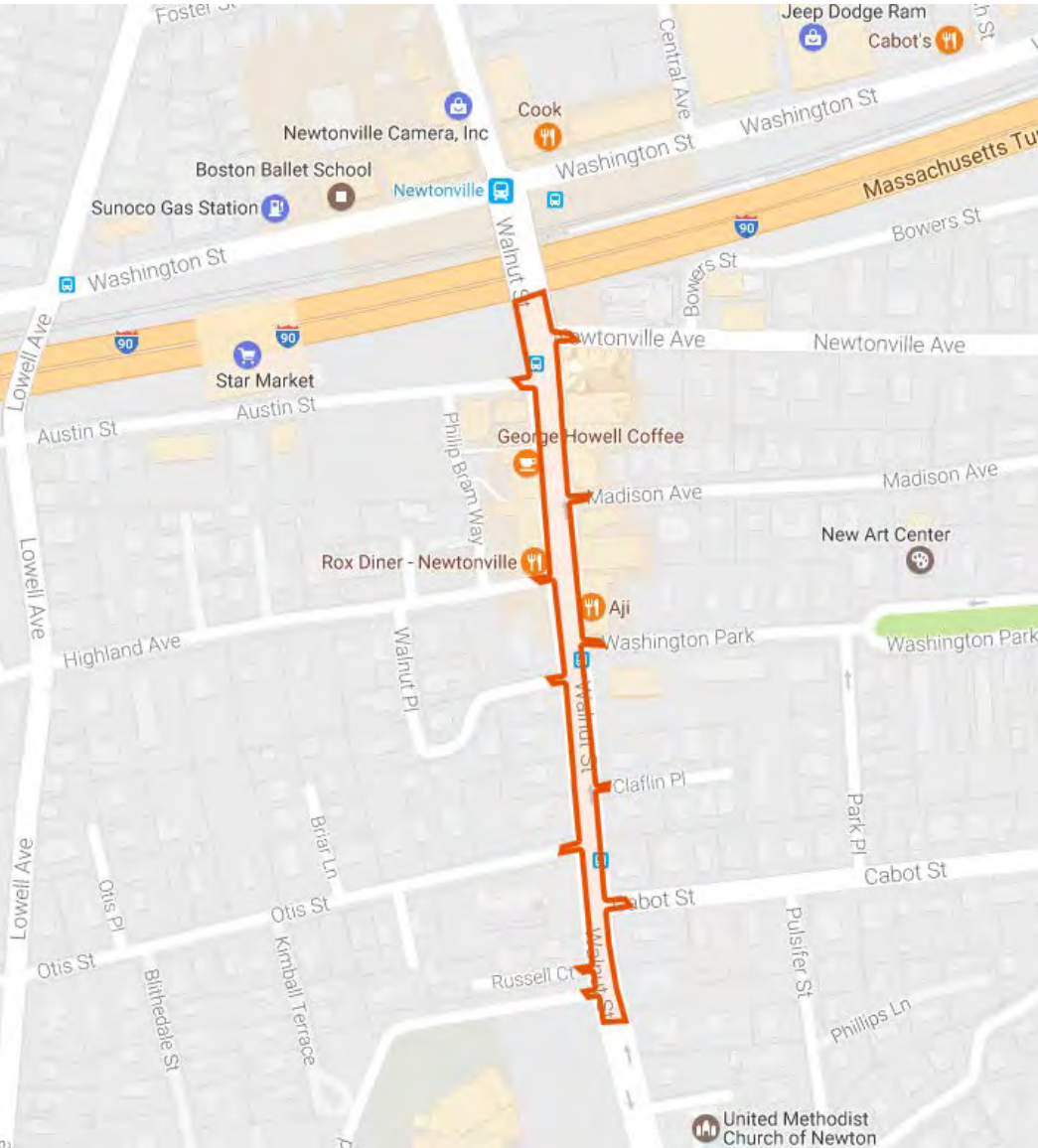
- **Questions and Answers**

- **Community Viewing and Feedback**

50 minutes

40 minutes

Project Area





[Introduction](#)

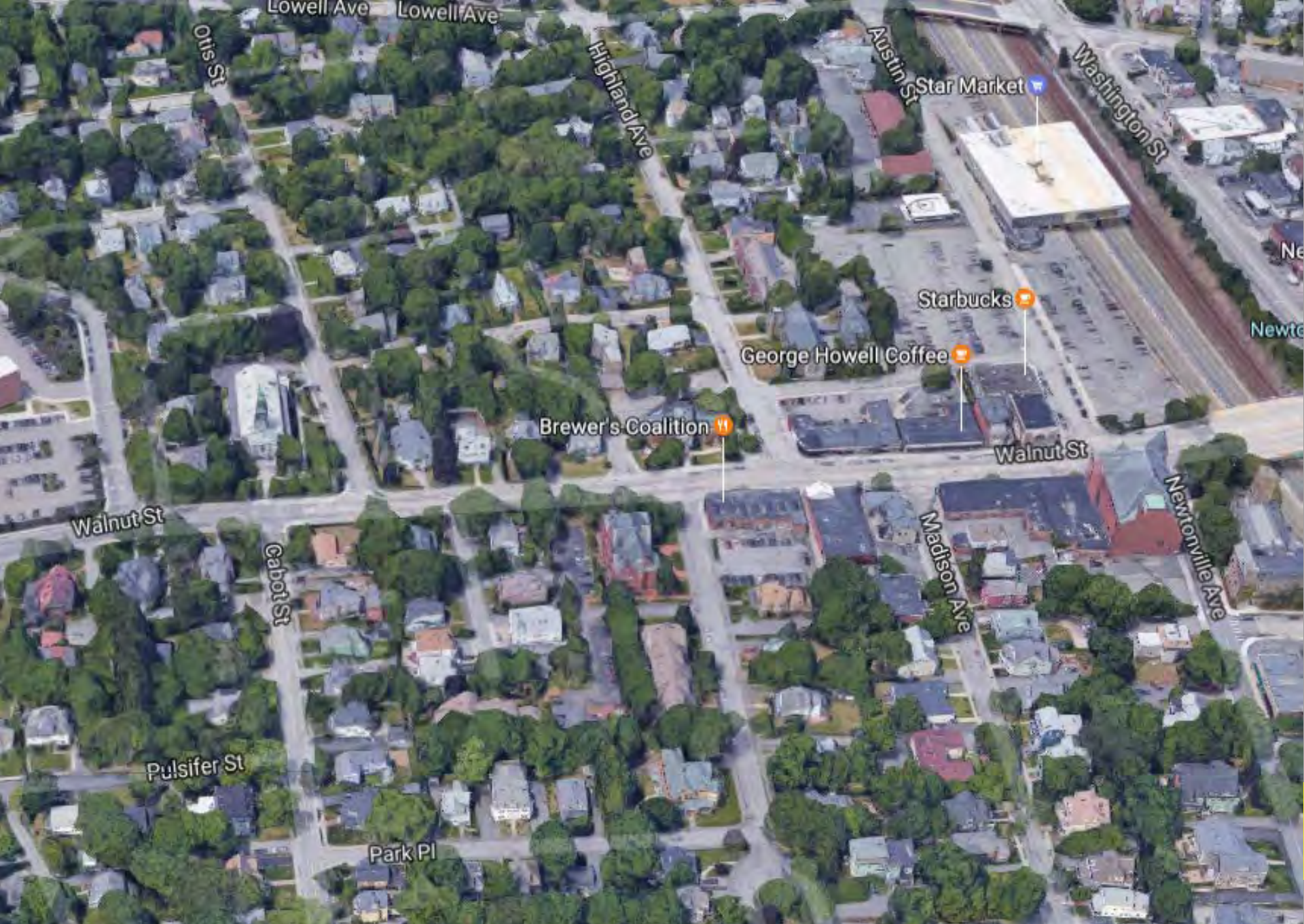
[Input](#)

[Concept Options](#)

[Q&A](#)

[Feedback](#)

[Next Steps](#)



What is the Walnut Street Enhancements Project?

- **Public realm improvements**
 - Streets, sidewalks, landscaping, lighting
 - How they can look and function
 - How they can contribute to the Walnut Street you envision

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

Schedule

- (1) **Data Collection & Brainstorming**
- Meeting #1: Brainstorm
 - Site Walk: February 8th, 2017

- (2) **Develop Design Concepts**
- Meeting 2: Present & Discuss Design Concepts
~ TODAY!

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

- (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-Jan 2018

Construction
Anticipated Start Spring 2018

(3)

Preferred Concept

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

(4)

Present to Council

What you told us was important

■ Project Wide:

- Wider sidewalks
- Keep street parking!
 - Short term parking (15 minutes)
 - More bike parking
- Find a different place for trucks to load/unload
- Safe crossings
- Bike lanes – protected if possible
- More greenery and trees! More lighting at night!
- Improve street conditions (potholes)

What you told us was important

- **Specific locations:**

“Left turns from/to Newtonville Ave. cause significant issues for drivers and pedestrians visiting the village.”

“Crossing Austin Street is very difficult for pedestrians due to all the turning traffic.”

“Bridge lanes are too wide/fast.”

“[Highland Ave.] would be a great place for a crosswalk!”

“I agree that lefts onto Walnut (from Austin St.) should be limited.”

What you told us was important

- **Parking, Bike Lanes, Loading, Safe Crossings:**

“Delivery vehicles include 18-wheeler trucks and mid-sized vans”

“Seeing the pedestrians in the crosswalks is hard—needs to be shorter, better lit, more prominent.”

“More biking parking is needed along the street in the business district for sure!”

“The crosswalks are very long and dark.”

What you told us was important

- **Seating, Lighting, Greenery:**

“Alleyways should be enhanced, with decorations, planters, wayfinding signs.”

“Benches, seating, and covered bus stop.”

“Outdoor dining area/mini plaza”

“Pervious surfaces. Add stormwater retention near trees [planted with] hardy flowers and grasses.”

“Provisions for hanging plants would be great.”

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**
 - Provide more loading zones for businesses and customers
- **Maximize sidewalk to enhance the public realm**
 - Outdoor seating for restaurants
 - Trees and planters

Two Concept Options

OPTION A

- Sidewalks wider by 3 to 8 feet
- Shared lane for bikes and cars

OPTION B

- Sidewalks wider by 1 to 4 feet
- Full bike lanes

- Wider Sidewalks
- More Crosswalks
- New Loading Zones
- Bike Facilities
- Better Lighting
- More Trees



High School Connection

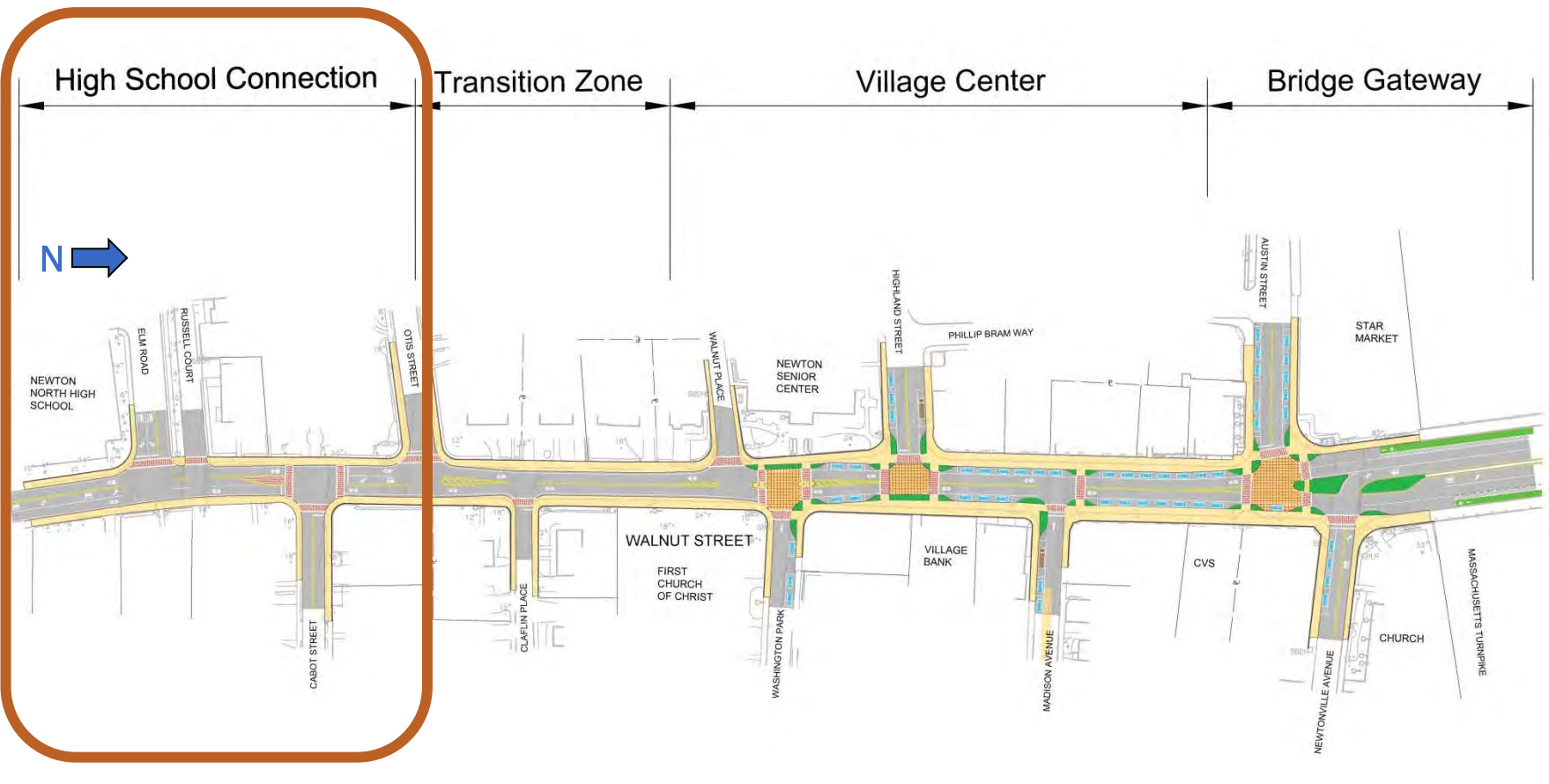
Transition Zone

Village Center

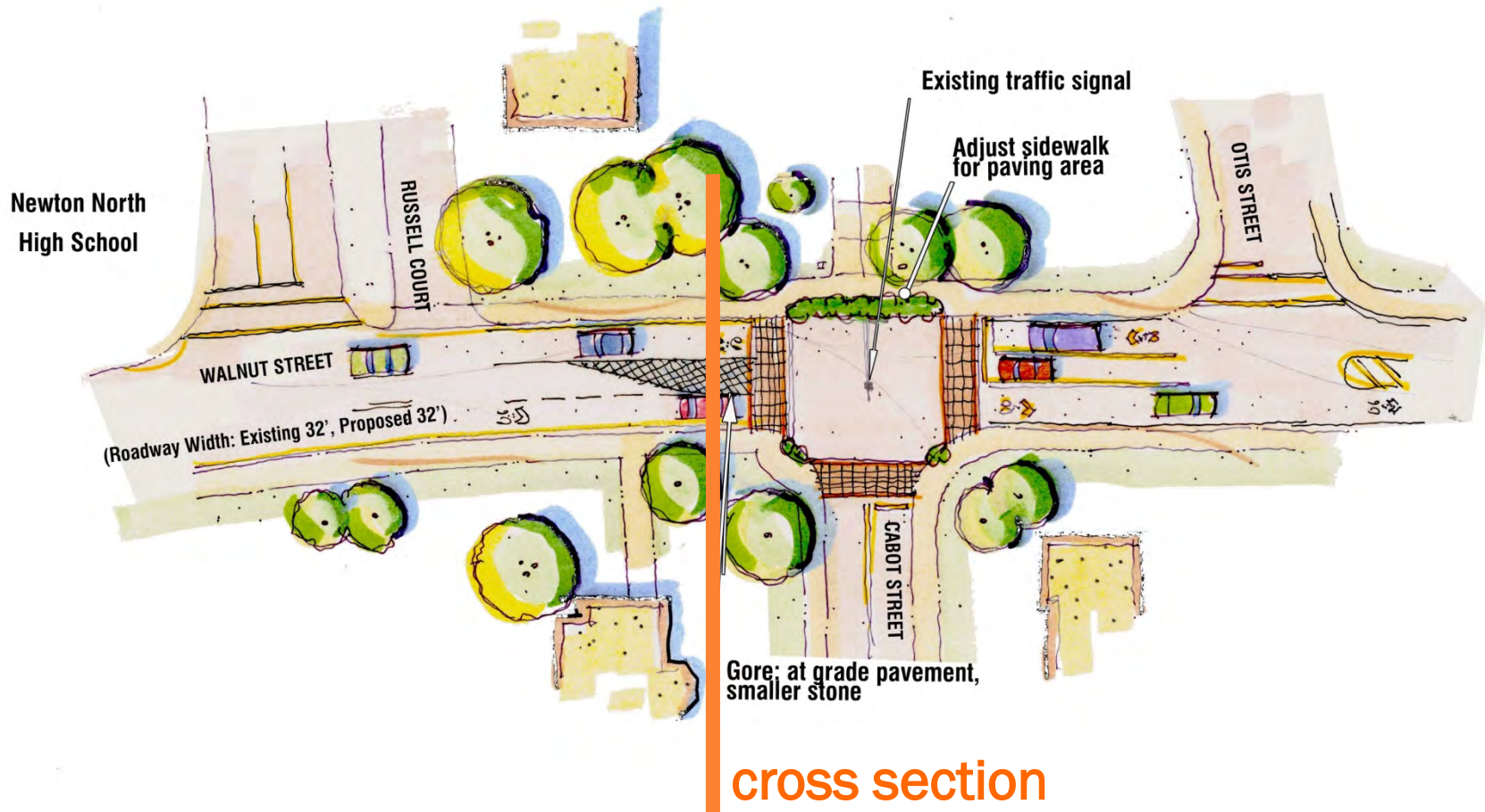
Bridge Gateway

Concept Option A

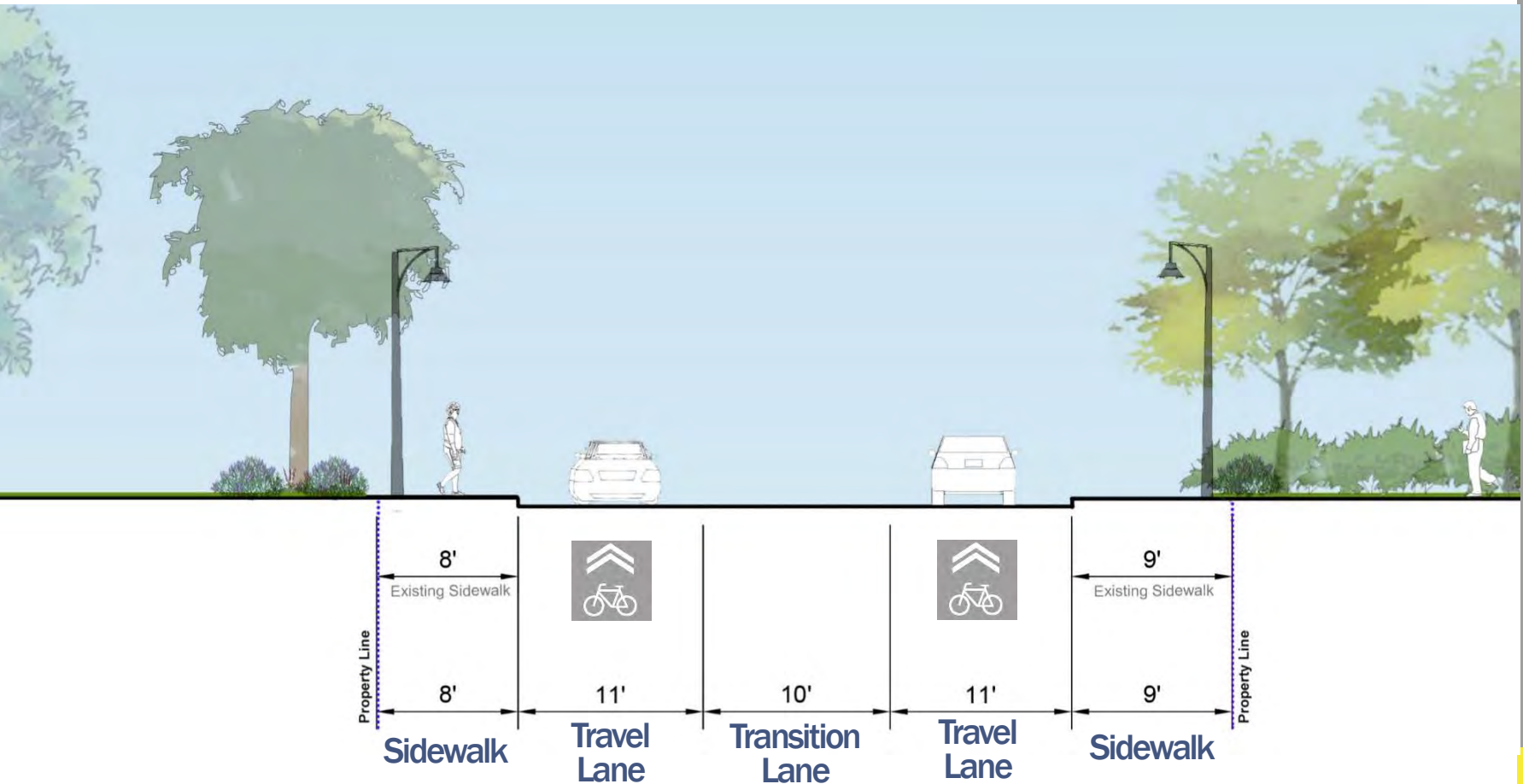
- Maximize Sidewalk Width
- Shared Use Lanes (Vehicles/Bikes)
- Alter Circulation (Washington Pk., Madison Ave. & Newtonville Ave.)



Concept Option A – High School Connection

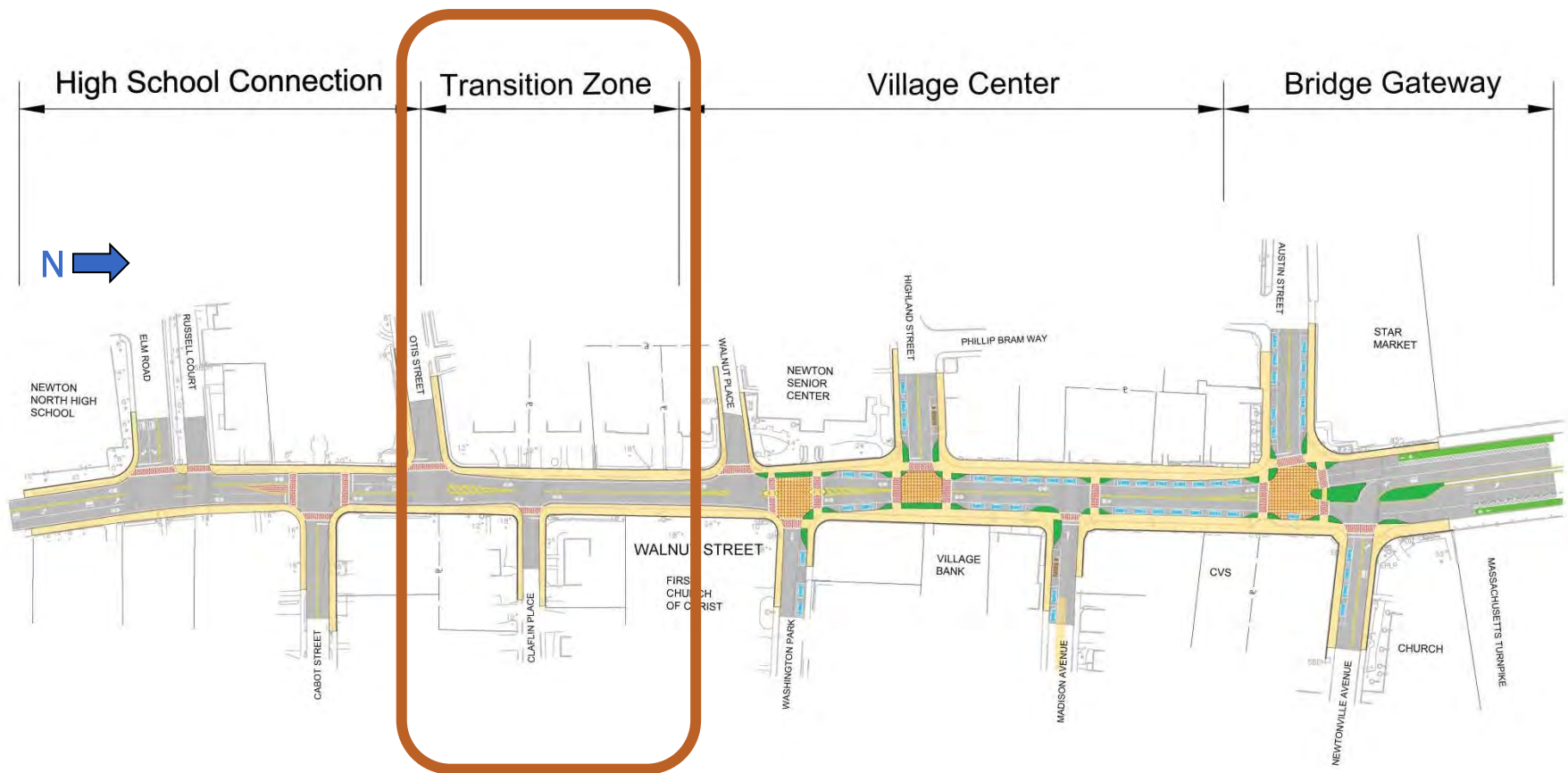


Concept Option A – High School Connection

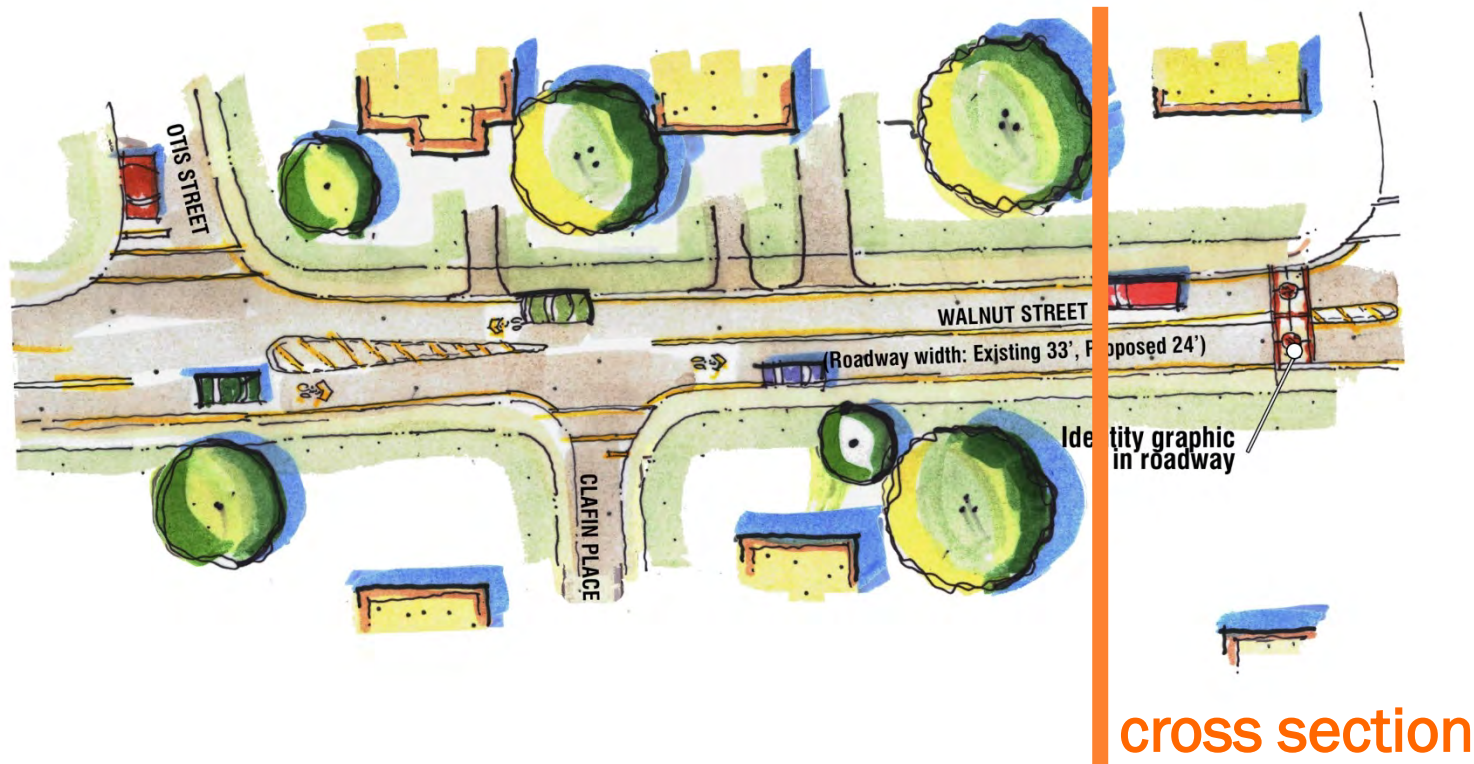


Concept Option A

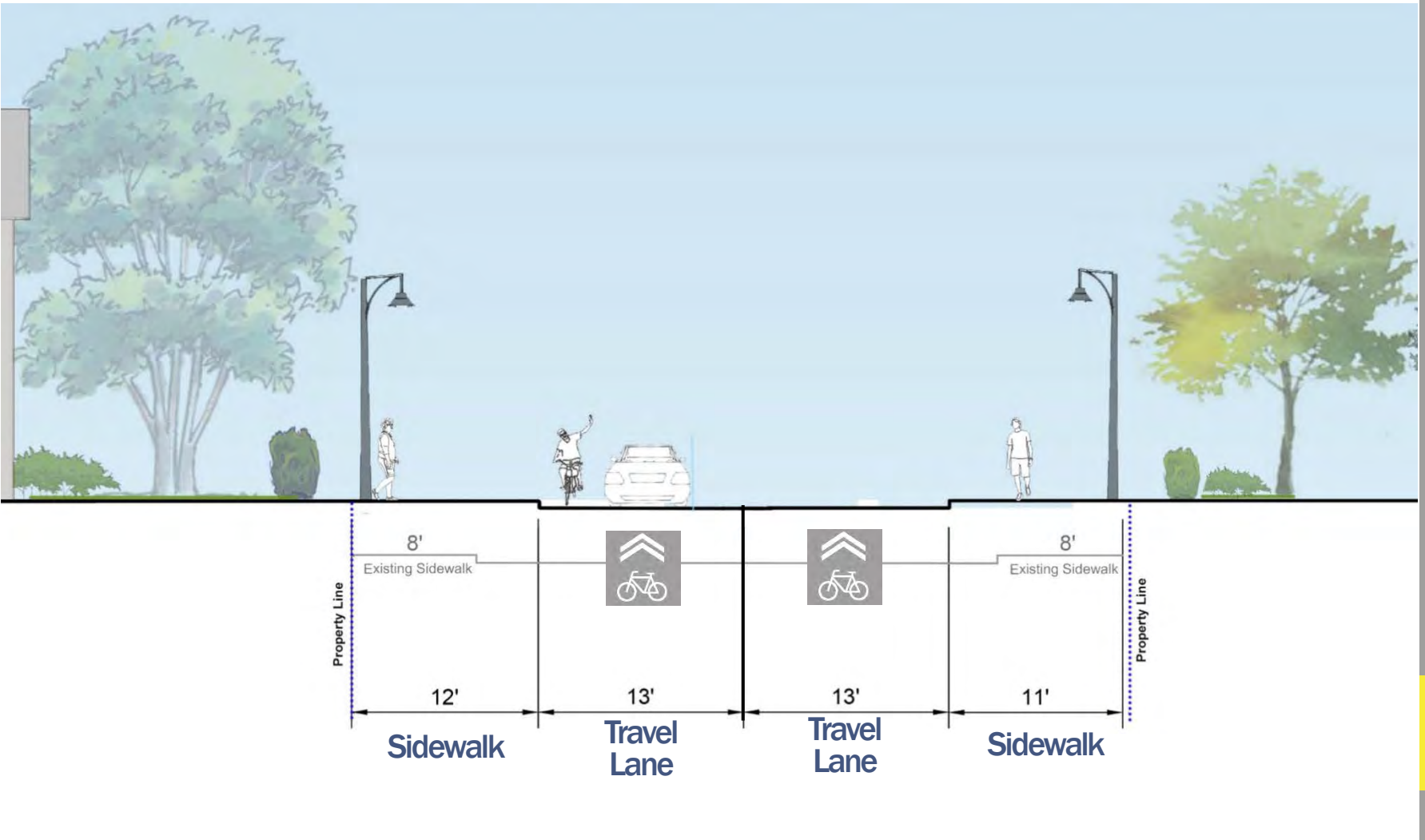
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Concept Option A - Transition Zone

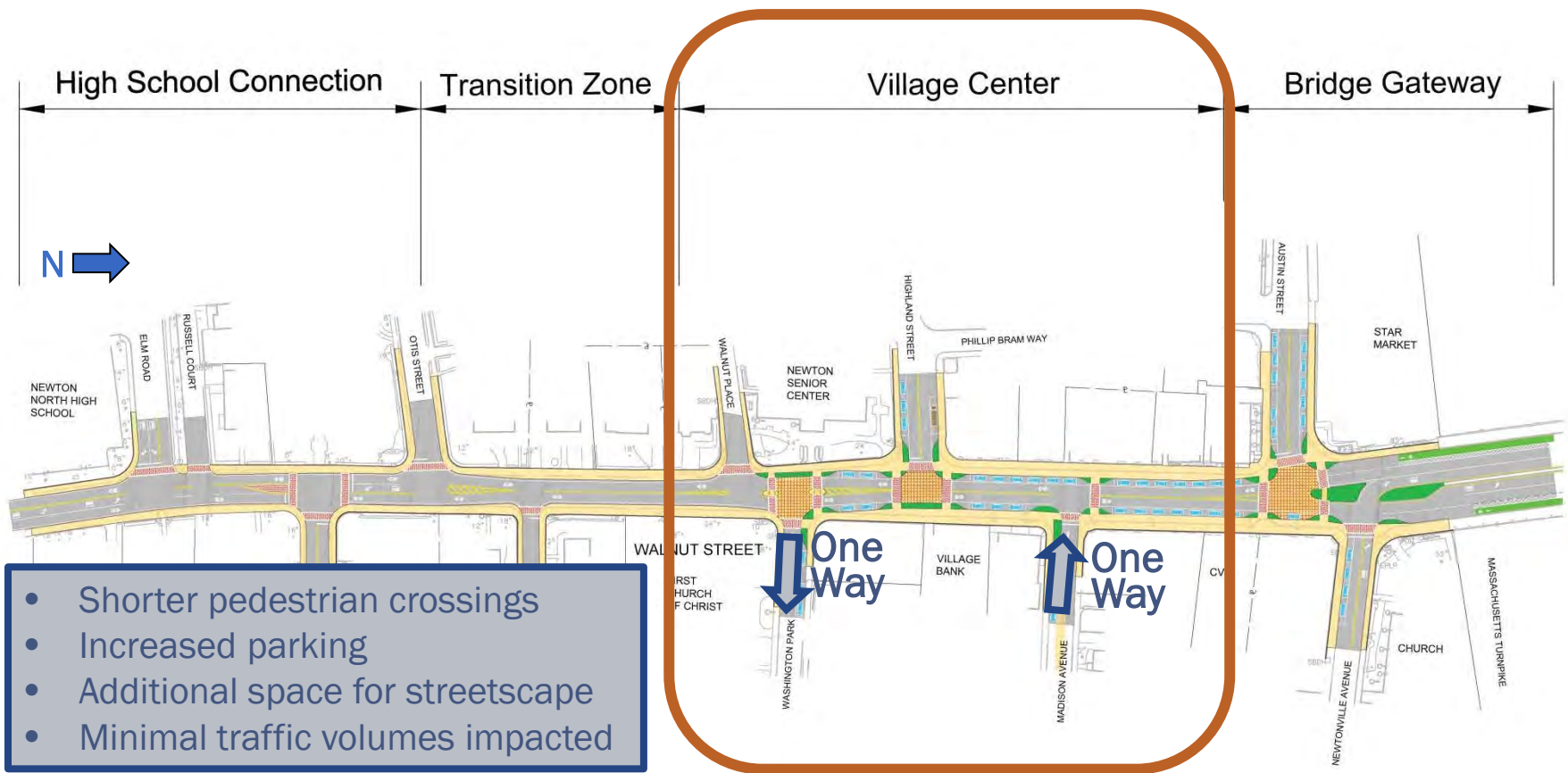


Concept Option A - Transition Zone



Concept Option A

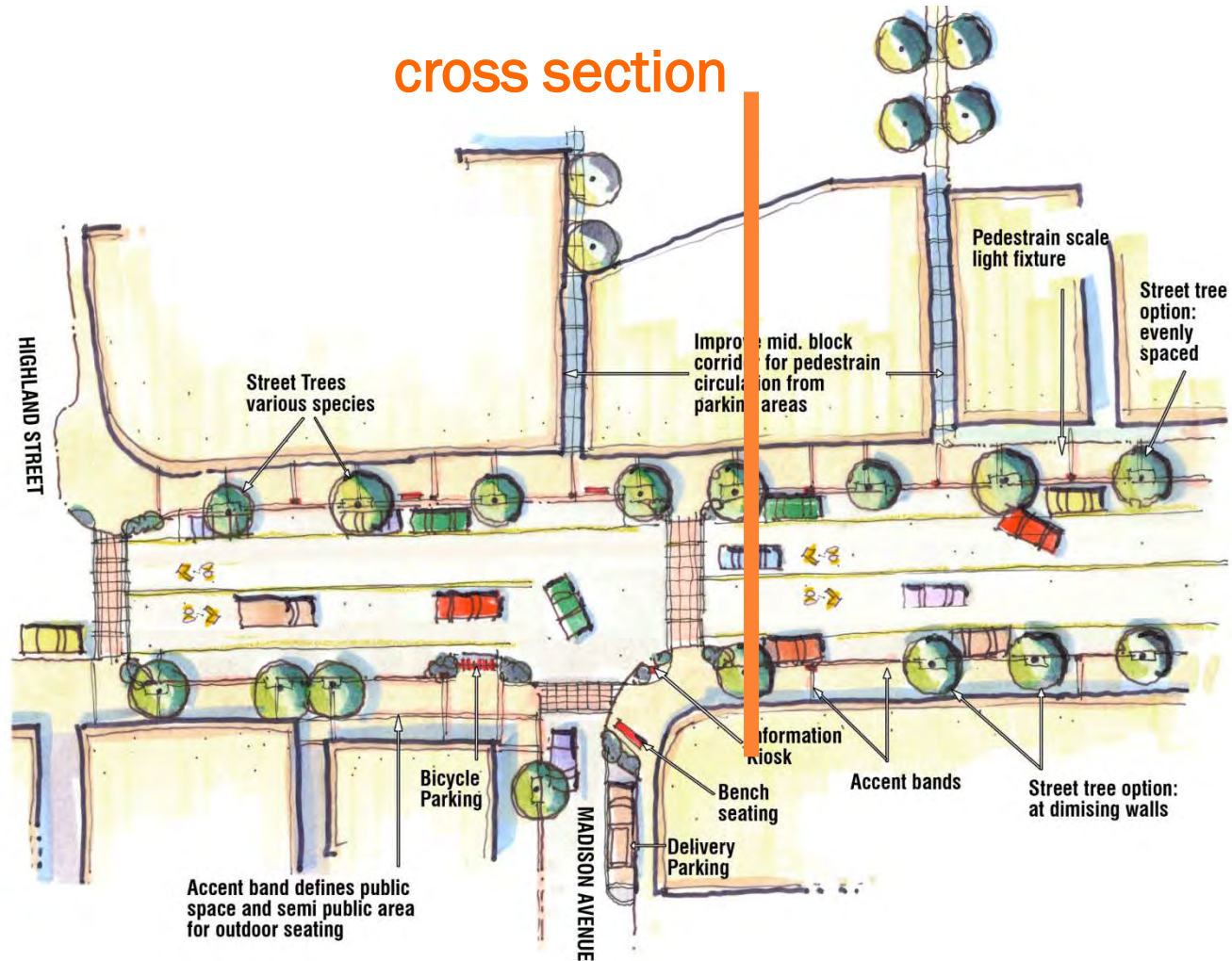
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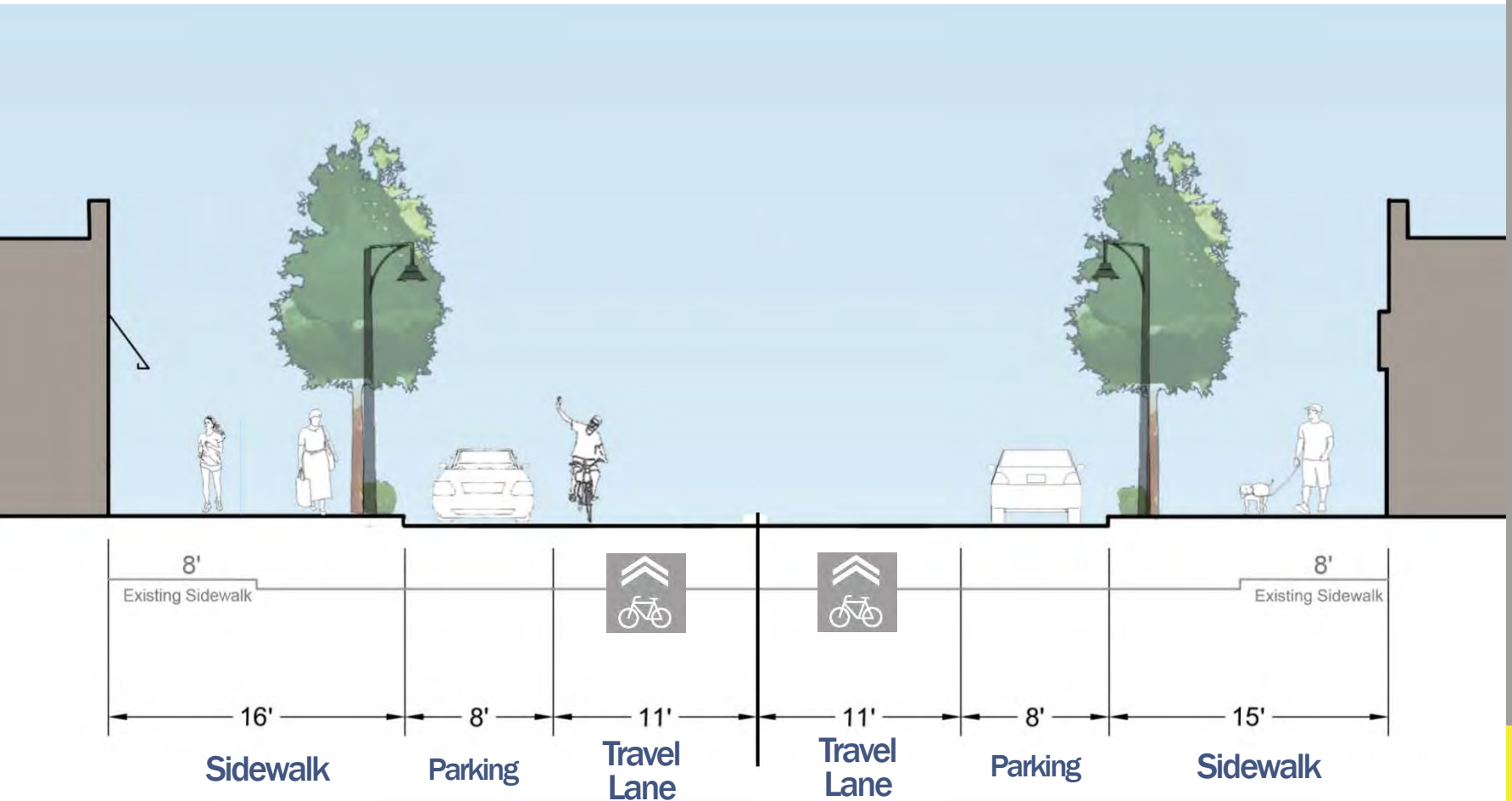
Concept Option A – Village Center



Concept Option A – Village Center



Concept Option A – Village Center



Sidewalk Widths and Zones



Falmouth, MA

Frontage Zone

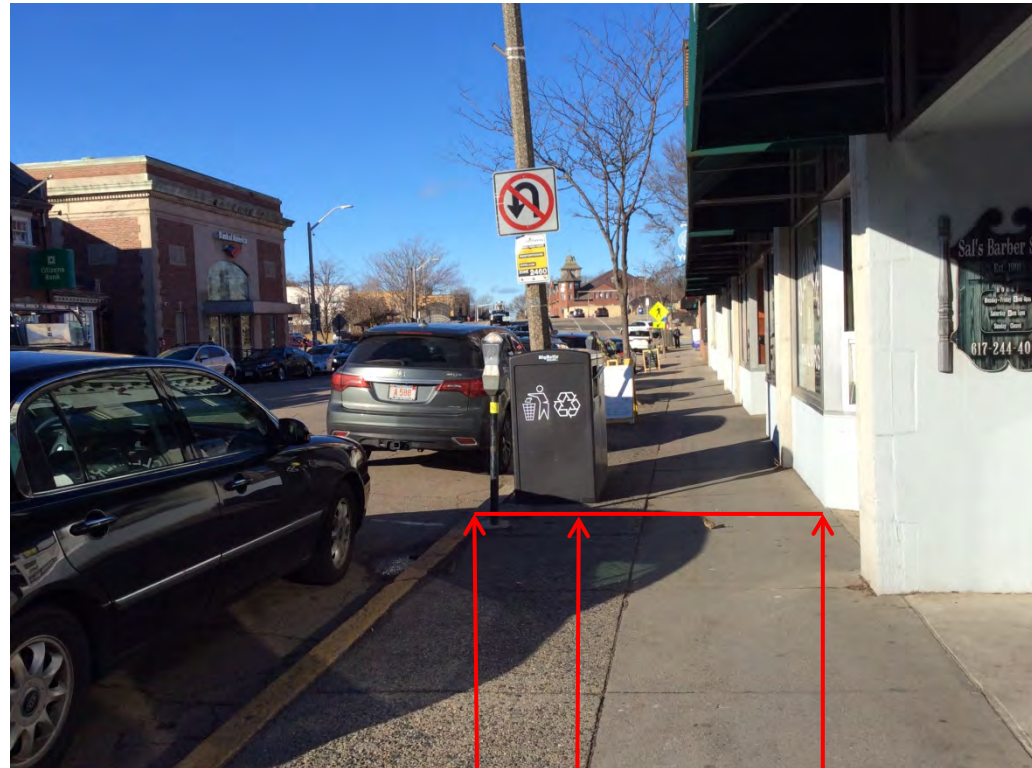
Walking Zone

Furniture Zone

Existing Widths and Zones

Newtonville

Total Width = about 9'



3'

5'

0'

Furniture
Zone

Walking
Zone

Frontage
Zone

Existing Widths and Zones

Newtonville

Total Width = about 9'



4' 4' 0'

Furniture Zone Walking Zone Frontage Zone

Existing Widths and Zones

Newtonville

Total Width = about 17'



Furniture
Zone

Walking
Zone

Frontage
Zone

Sidewalk Widths and Zones

Falmouth Center

Total Width = 16'

Condition where storefronts have additional setback from the property line or where the right-of-way is larger

Curb line



5-6"

8'

1-6"

Furniture
Zone

Walking
Zone

Frontage
Zone

Sidewalk Widths and Zones

Hingham
Center

Total Width = 16'

*Condition where
street has been
narrowed*



5'

10'

1'

Furniture
Zone

Walking
Zone

Frontage
Zone

Sidewalk Widths and Zones

Belmont Center

Total Width = 16'-6"

Condition on one side of the street, as viewed from a "bump-out" at a crosswalk



Curb extension adds about 6'

6-6"

8-6"

1'

**Furniture
Zone**

**Walking
Zone**

**Frontage
Zone**

Sidewalk Widths and Zones

Falmouth Center

Total Width = 17'

Condition along a sidewalk segment



8'

6'

3'

**Furniture
Zone**

**Walking
Zone**

**Frontage
Zone**

Sidewalk Widths and Zones

Lexington

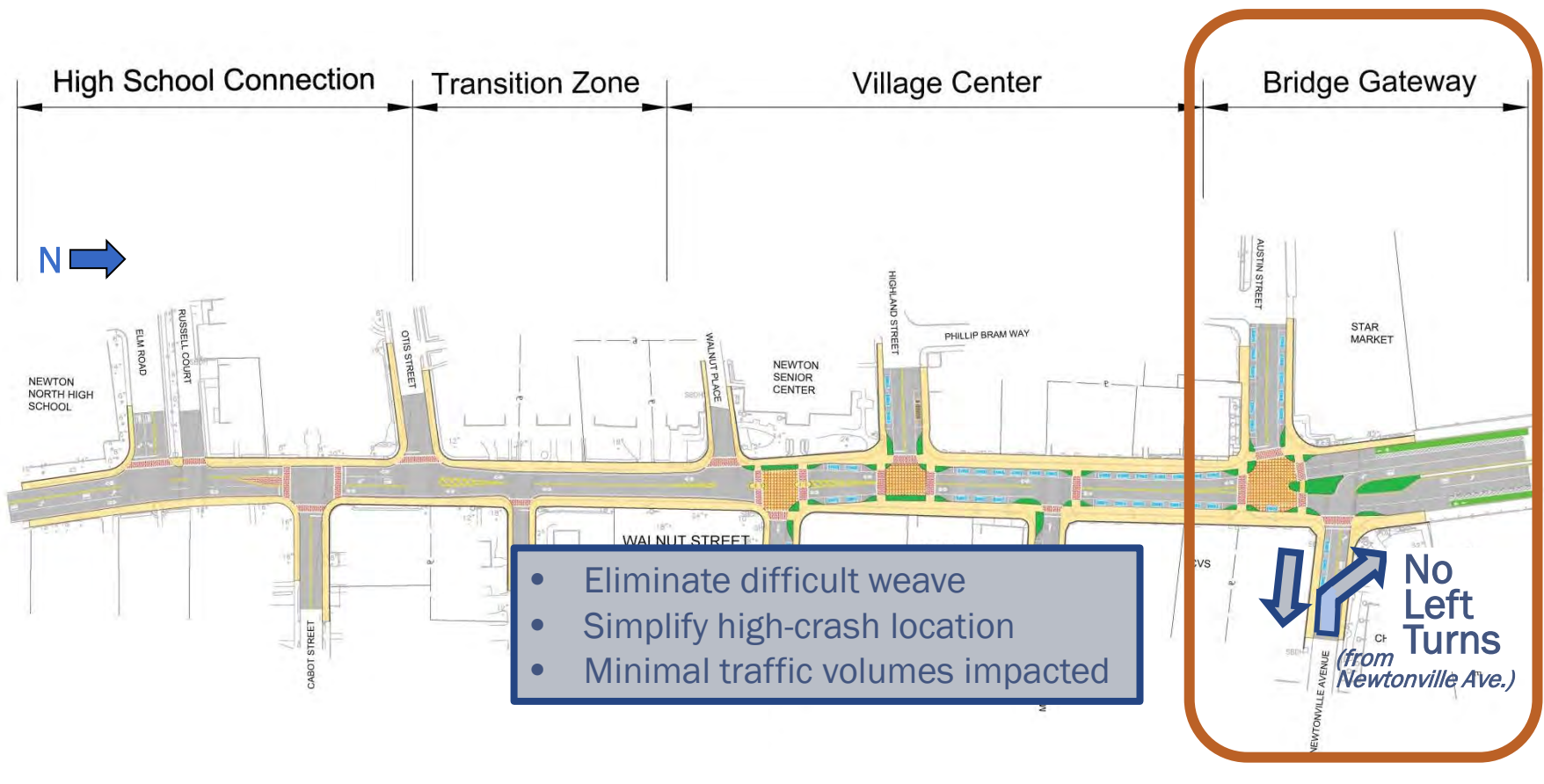
Where sidewalks are particularly wide, the furniture zone expands - but the walking zone stays more uniform in width



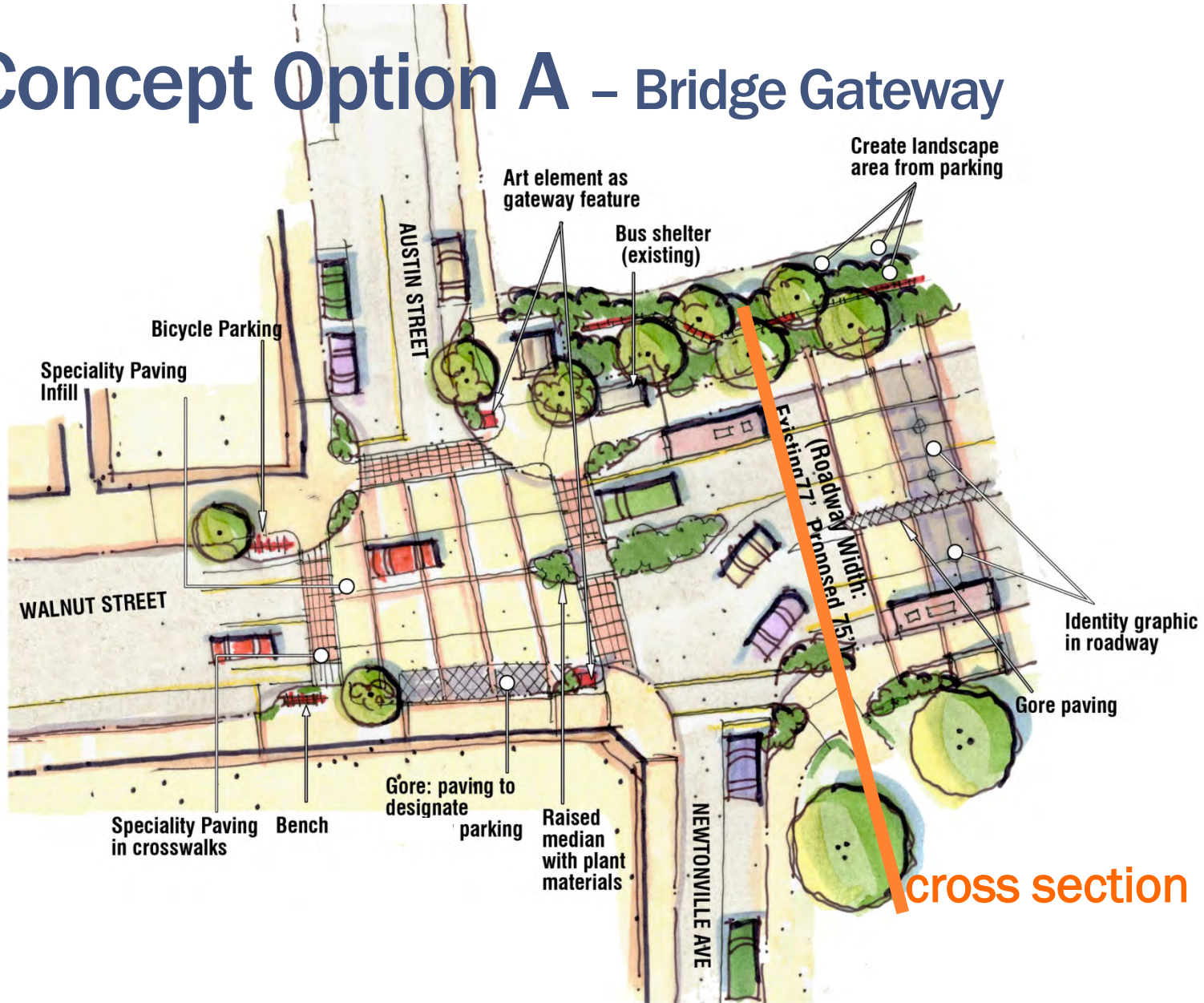
Walking
Zone

Concept Option A

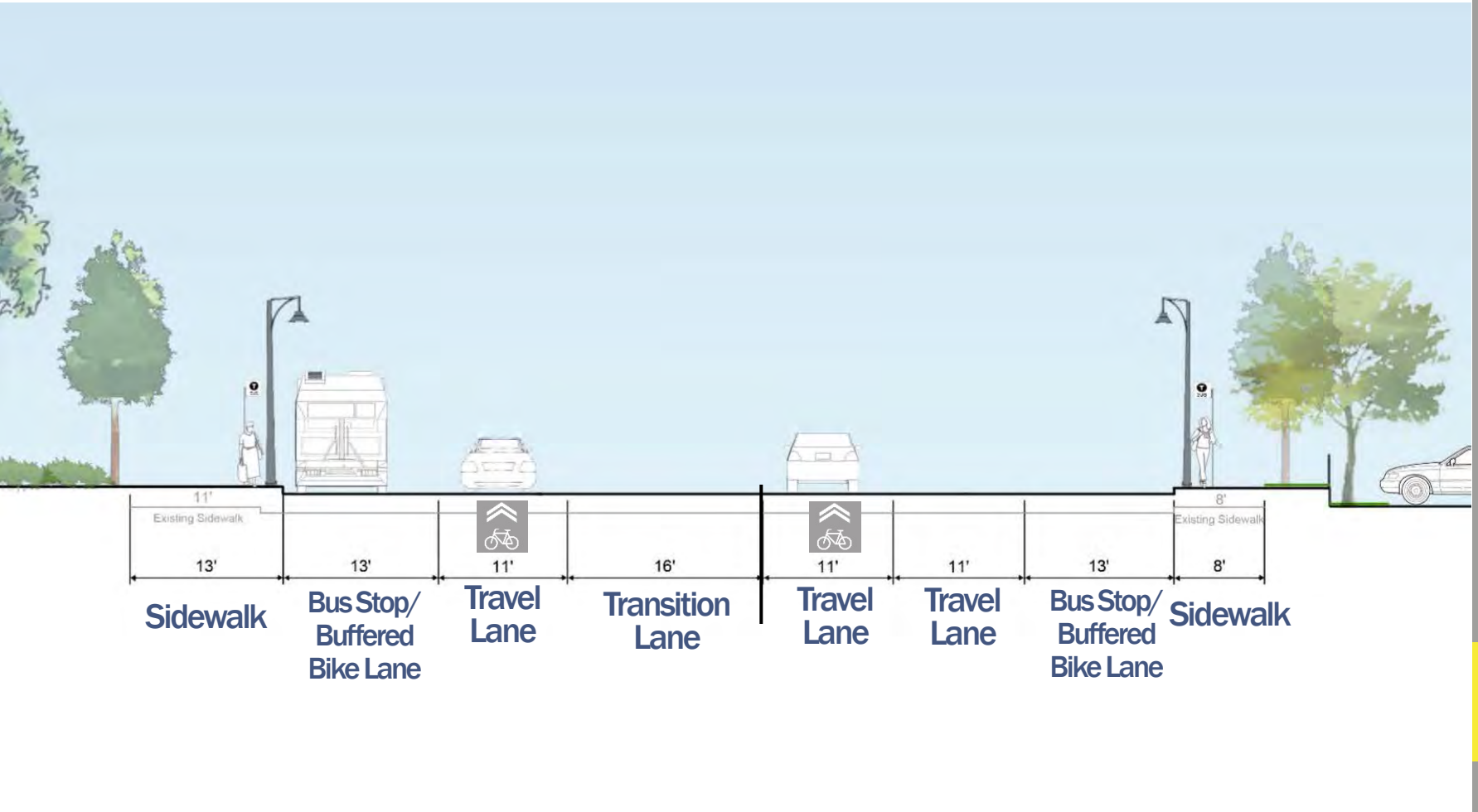
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- Shared Use Lanes (Vehicles/Bikes)
- Alter Circulation (Washington Pk., Madison Ave. & Newtonville Ave.)



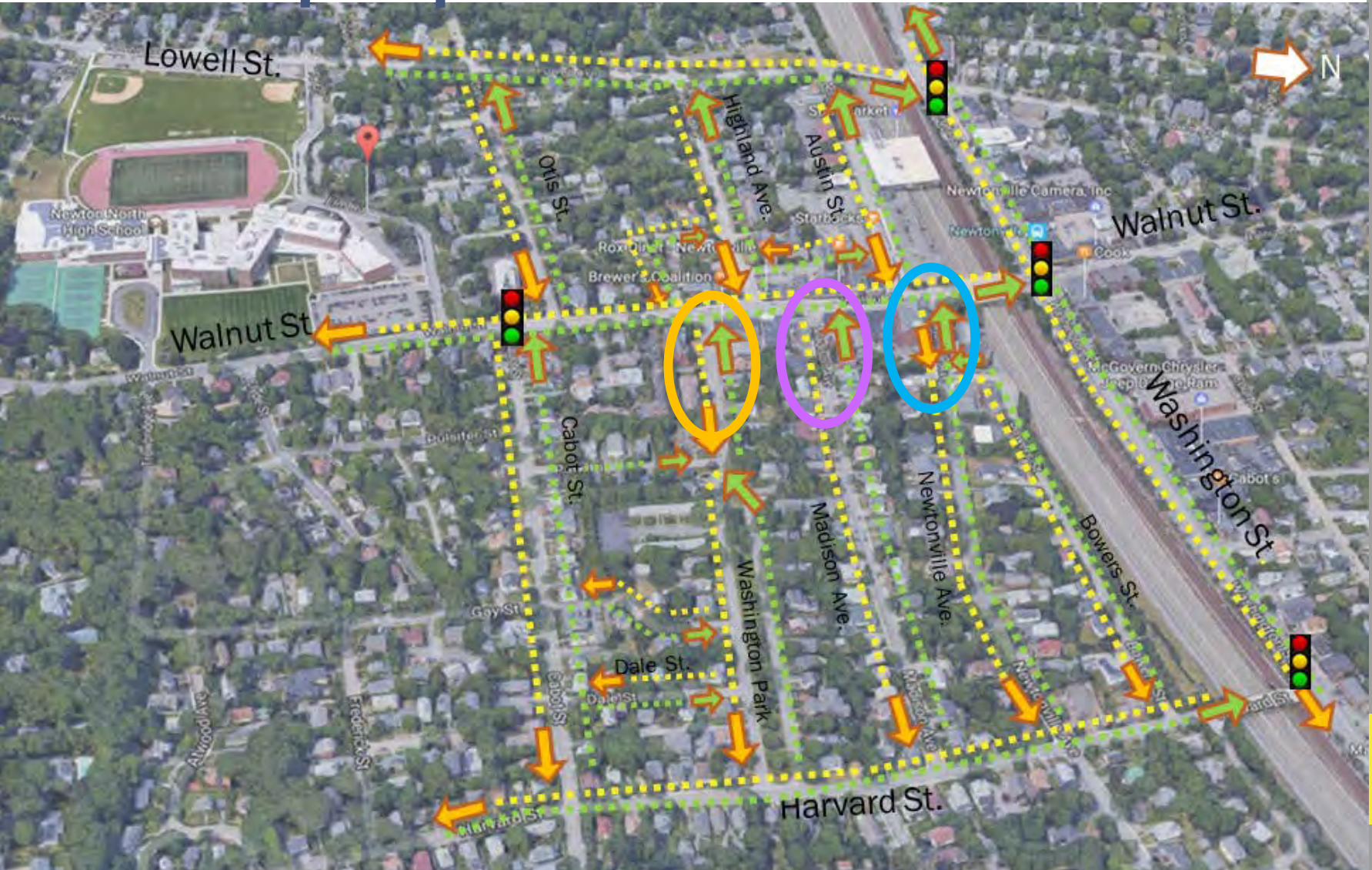
Concept Option A – Bridge Gateway



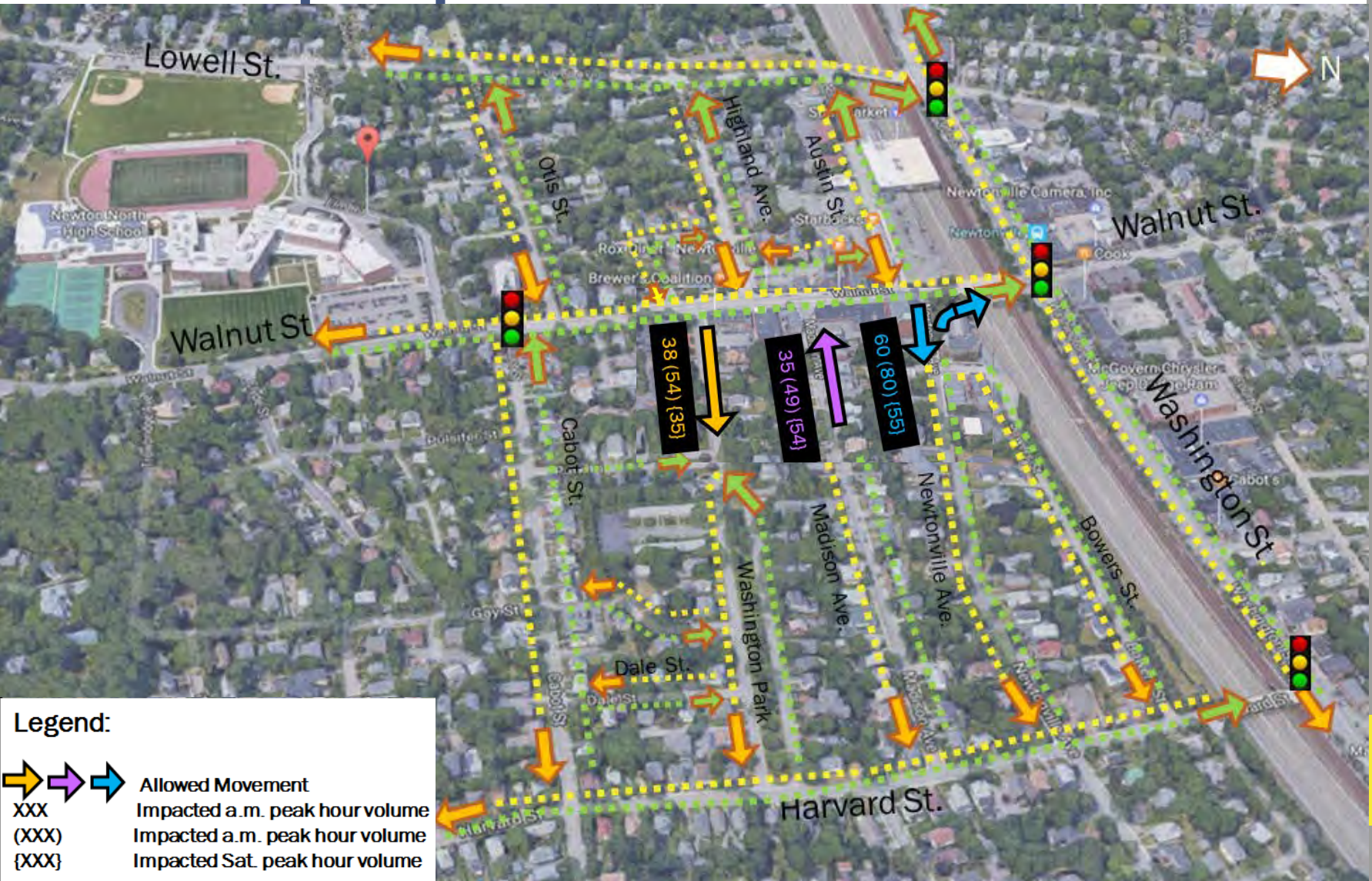
Concept Option A – Bridge Gateway



Concept Option A – Road Network



Concept Option A – Road Network



Legend:

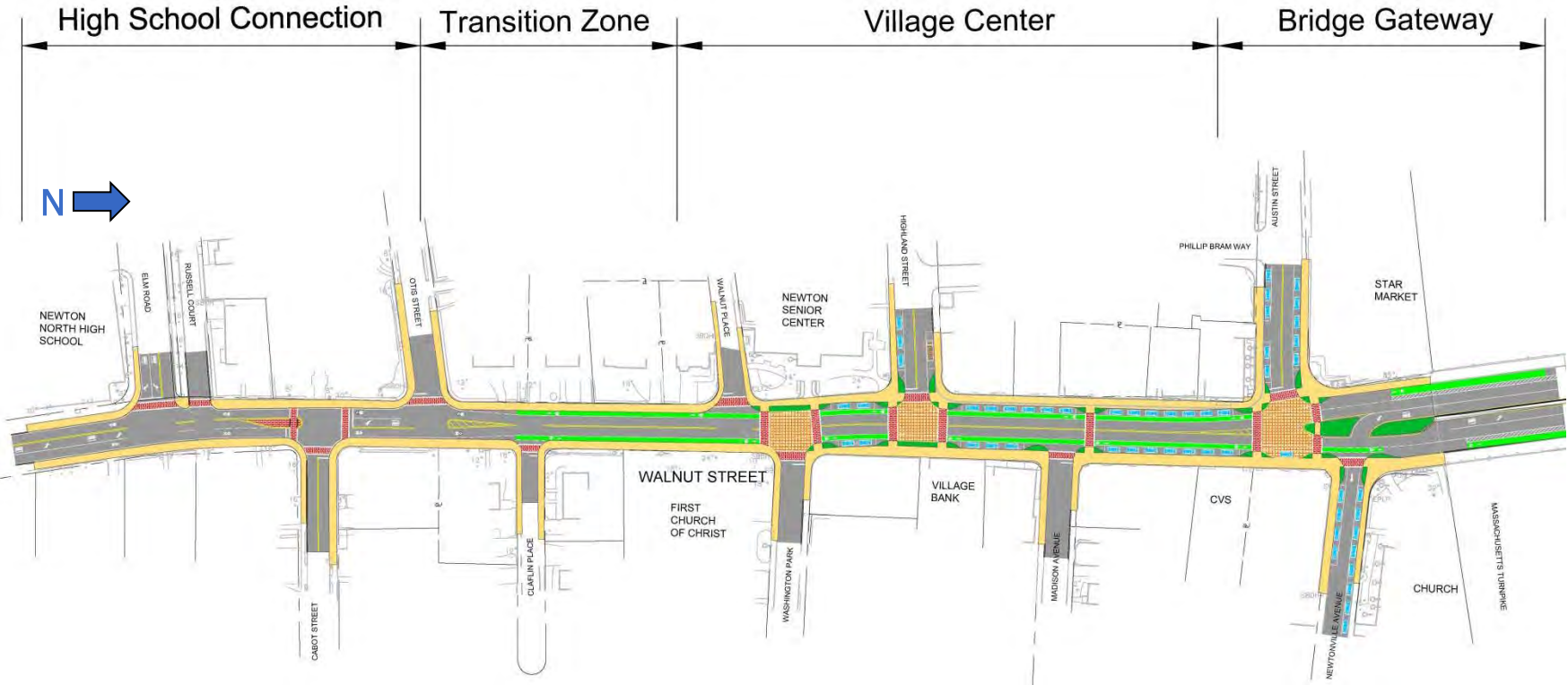
- Allowed Movement
- XXX Impacted a.m. peak hour volume
- (XXX) Impacted a.m. peak hour volume
- {XXX} Impacted Sat. peak hour volume

Concept Option A – Road Network

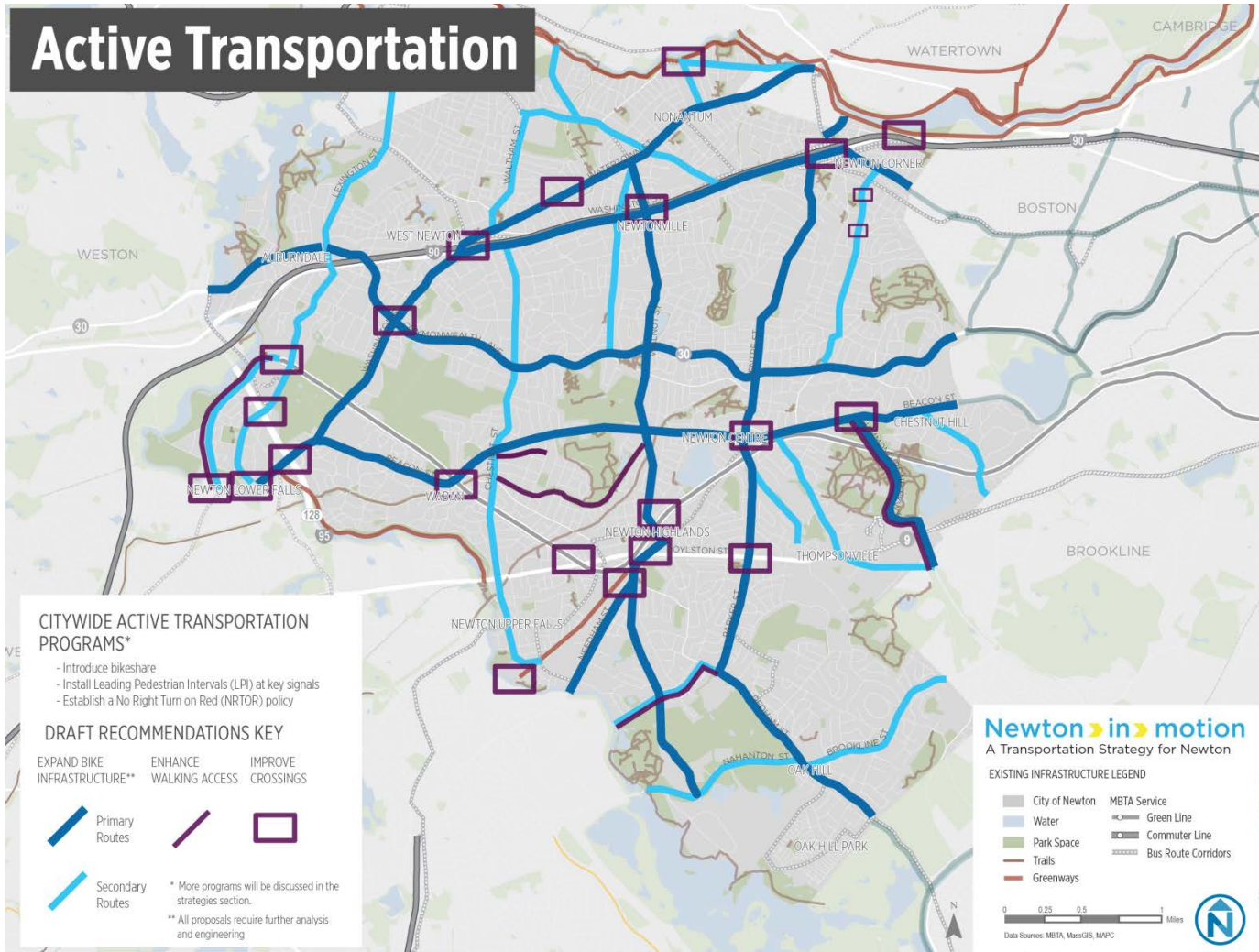


Concept Option B

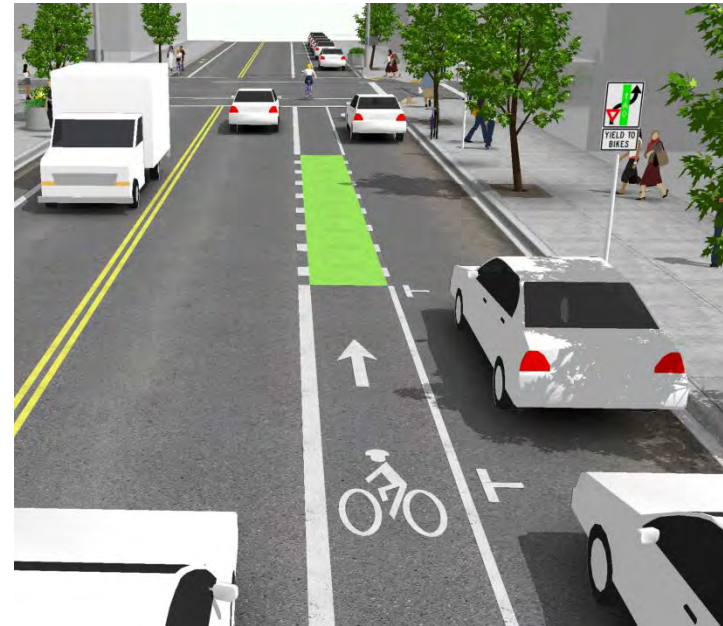
- Moderate Sidewalk Widening
- Provide Bicycle Lanes
- Alter Circulation (Newtonville Ave.)



Concept Option B - Bike Network

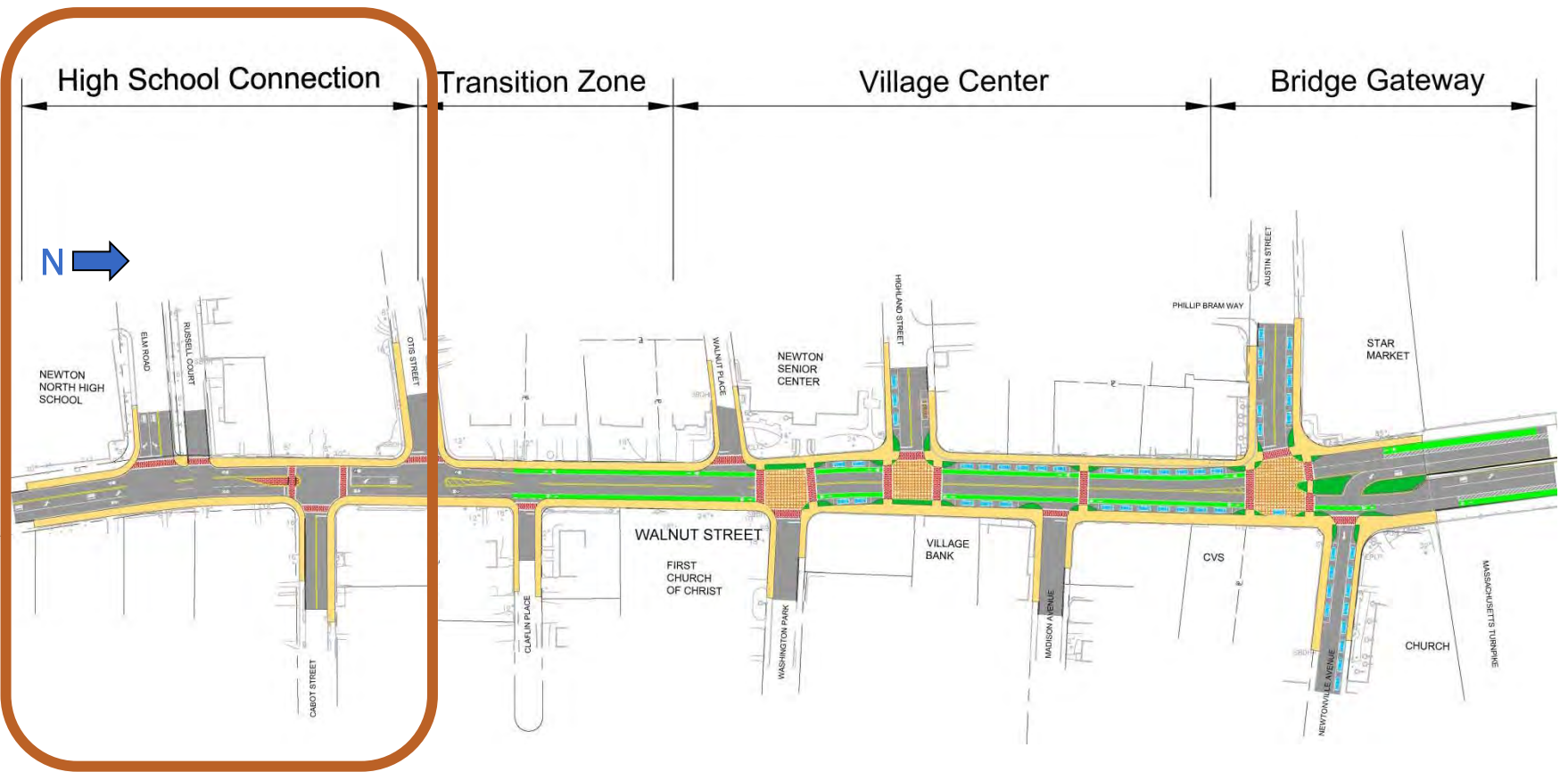


Concept Option B – Safety

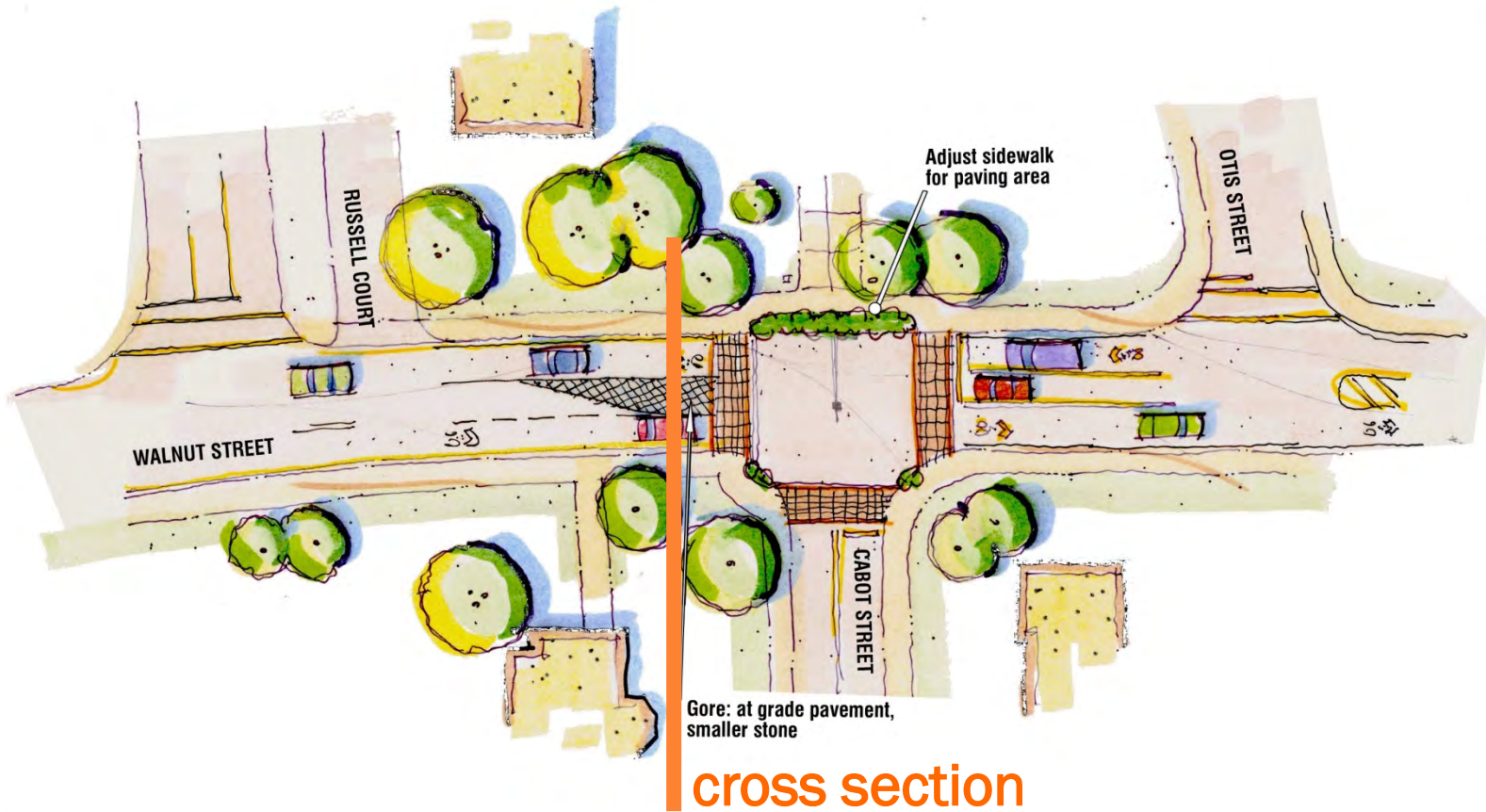


Concept Option B

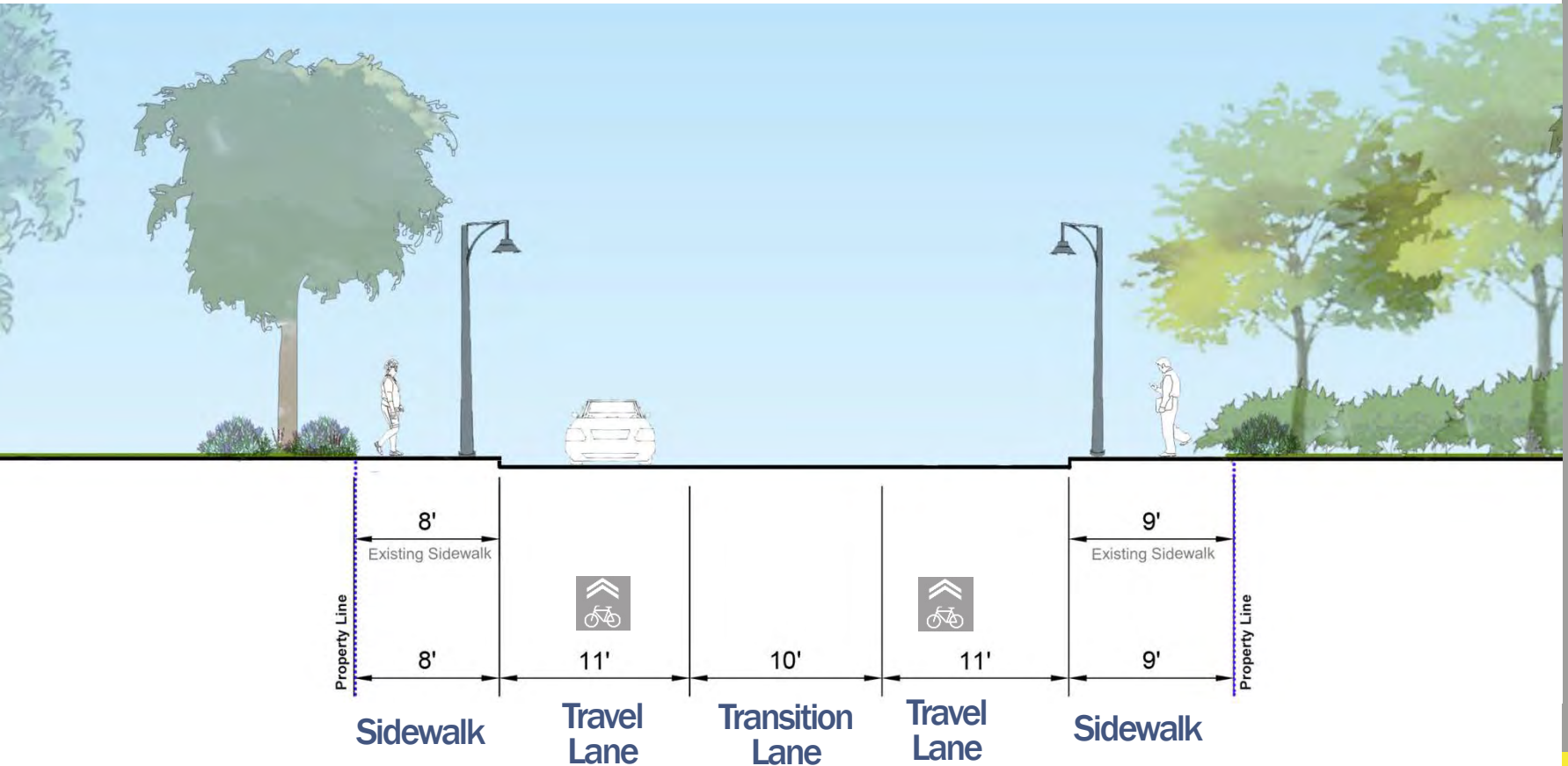
- Moderate Sidewalk Widening
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Concept Option B - High School Connection

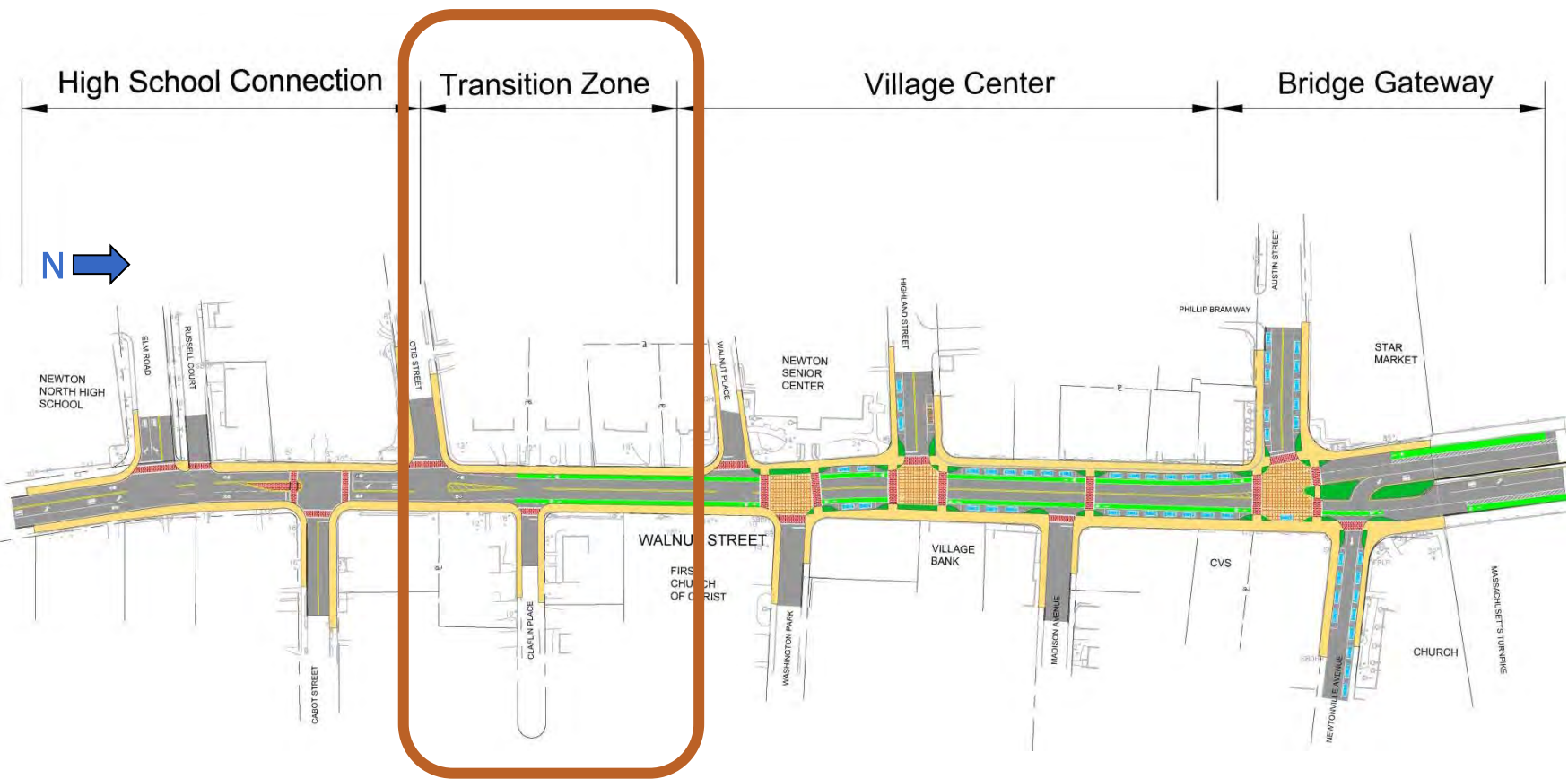


Concept Option B – High School Connection

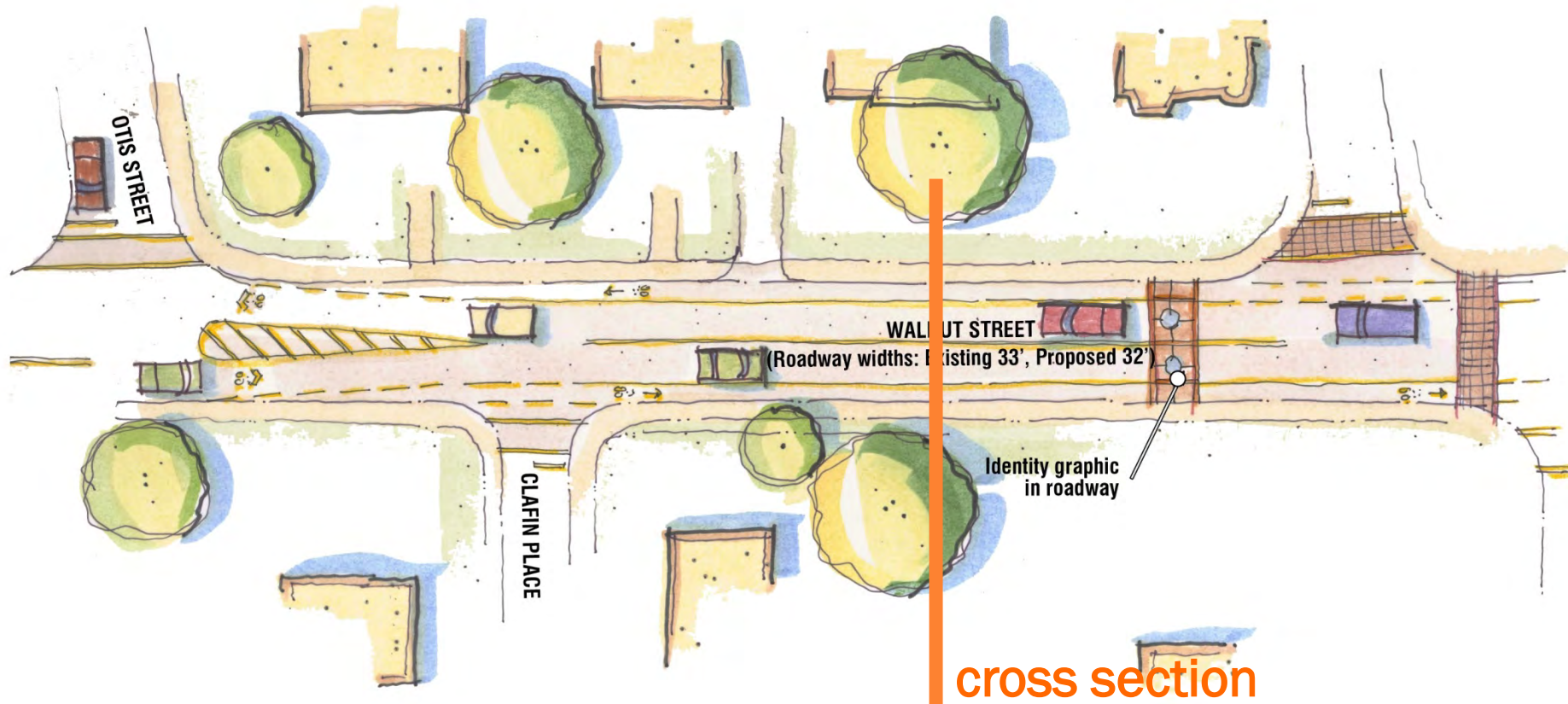


Concept Option B

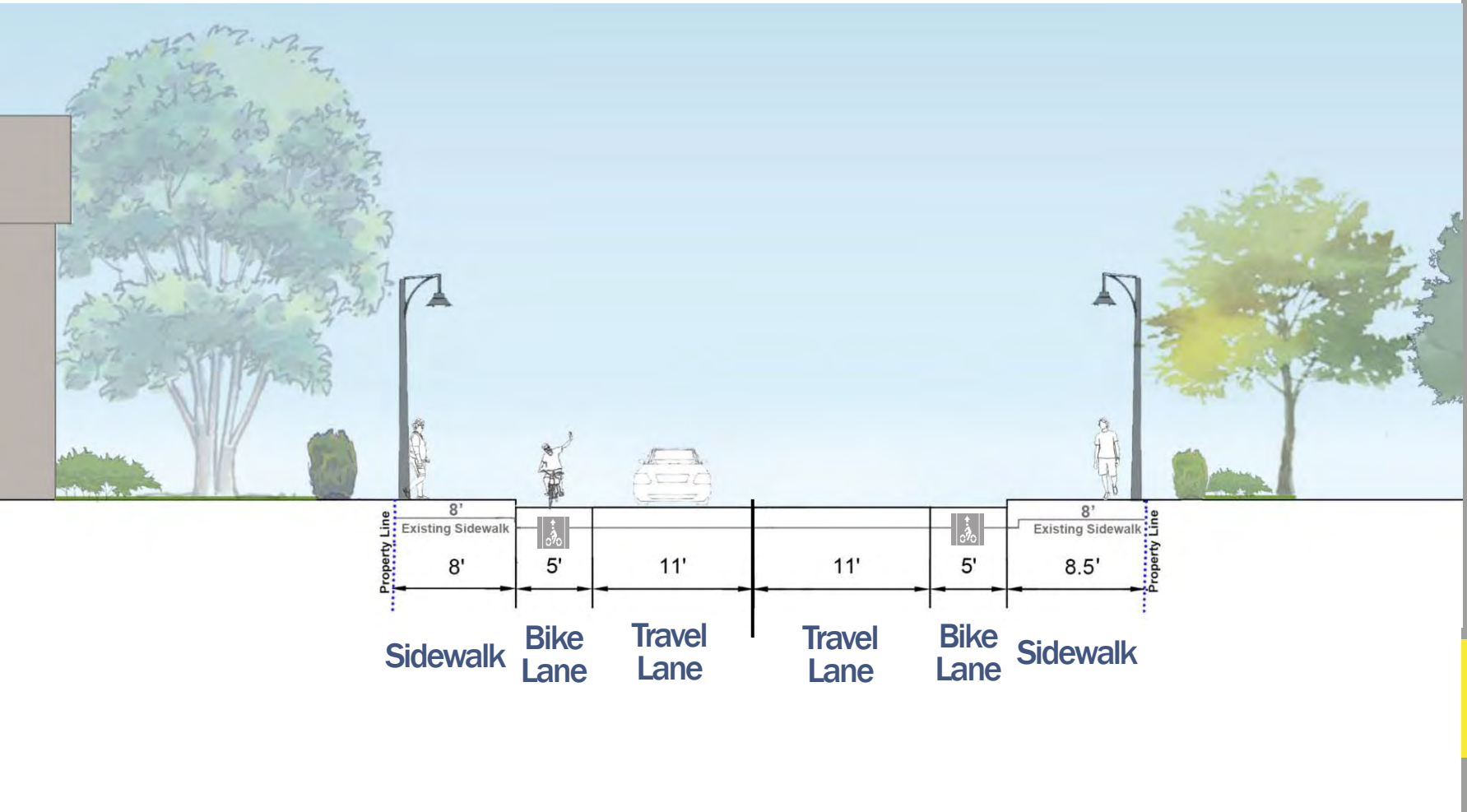
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Concept Option B – Transition Zone

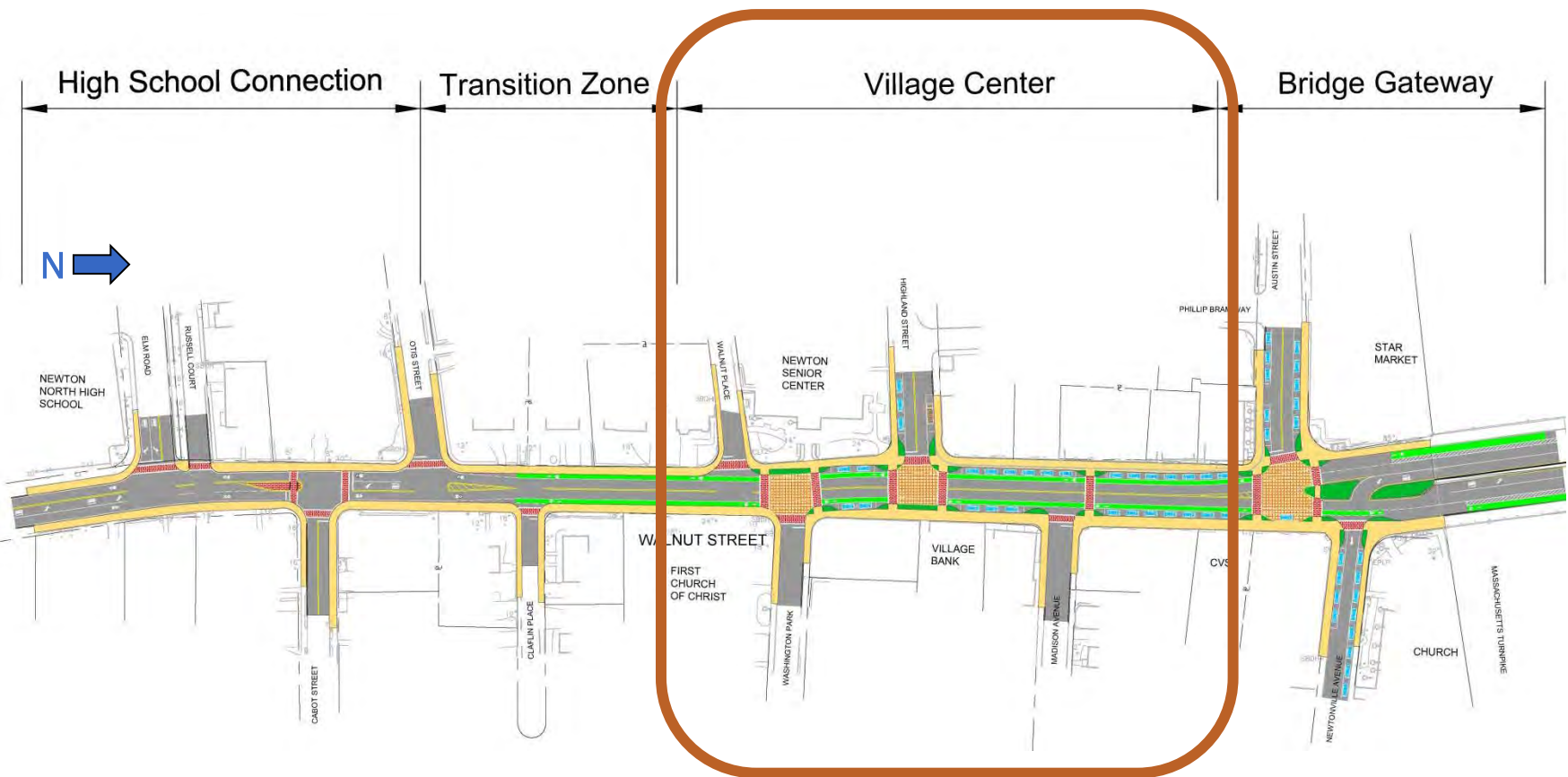


Concept Option B – Transition Zone

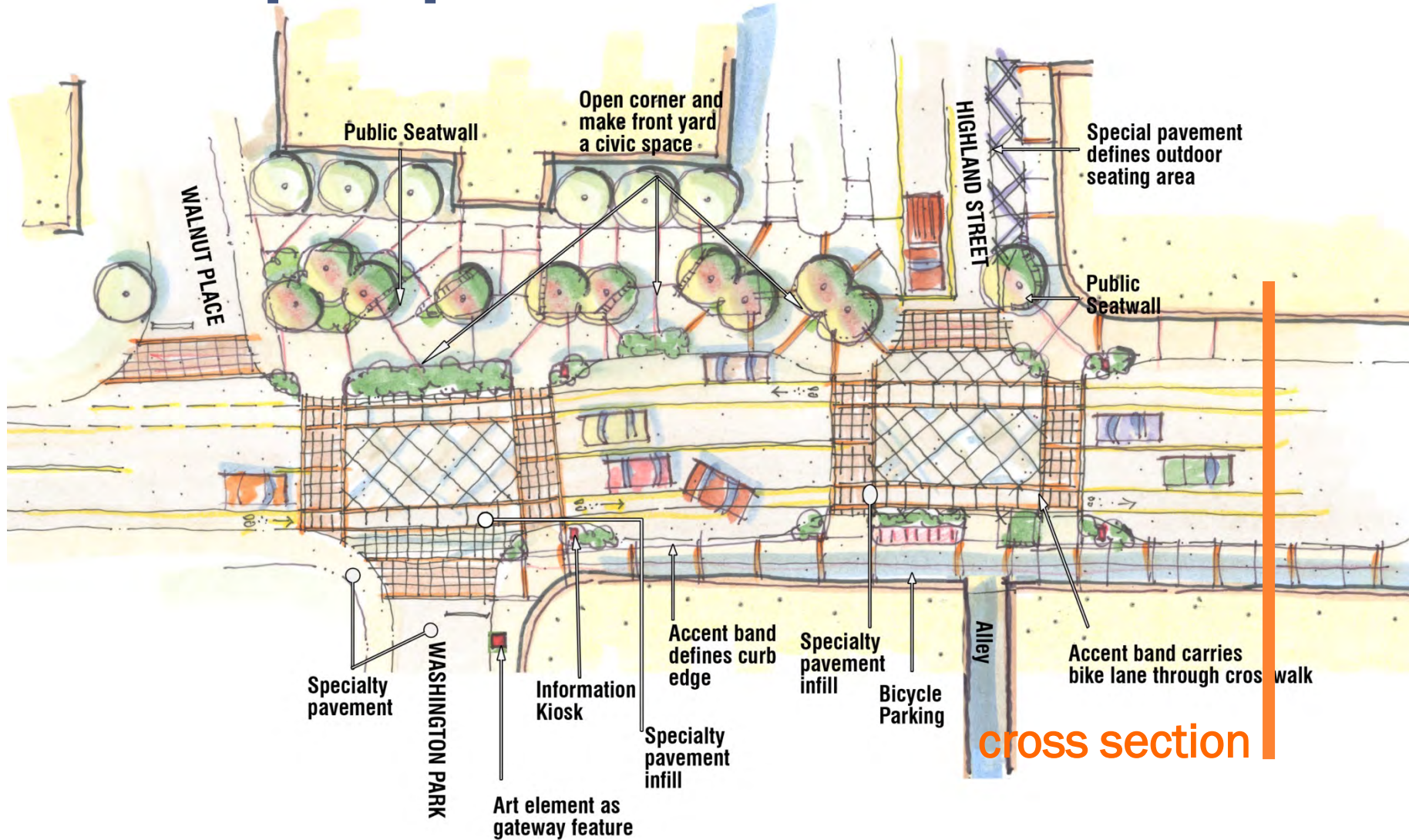


Concept Option B

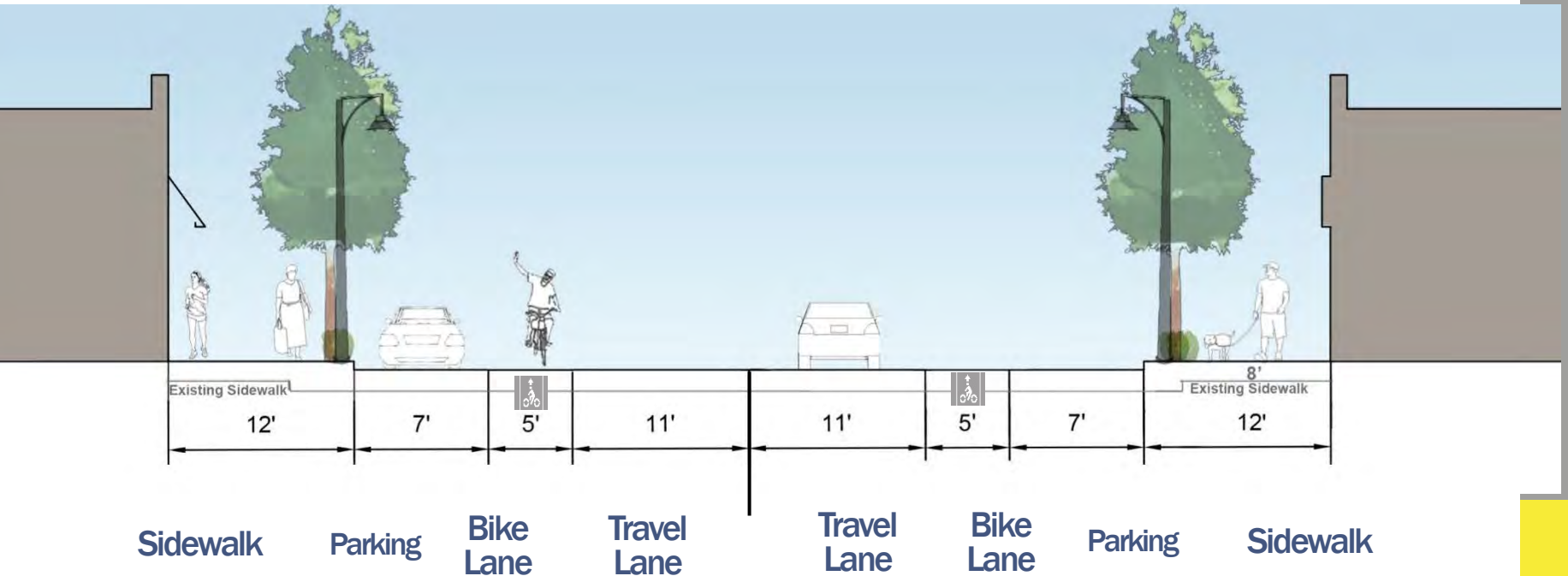
- Moderate Sidewalk Widening
- Provide Bicycle Lanes
- Alter Circulation (Newtonville Ave.)



Concept Option B – Village Center



Concept Option B – Village Center



Sidewalk Widths and Zones

San Francisco

Total Width = 13'

Condition along a sidewalk segment



Example of tables lined up along storefronts



4'

4'

5'

Furniture
Zone

Walking
Zone

Frontage
Zone

Sidewalk Widths and Zones

Dedham Center

Total Width = 14'

Condition on one side of the street, width varies



**Frontage
Zone**

**Walking
Zone**

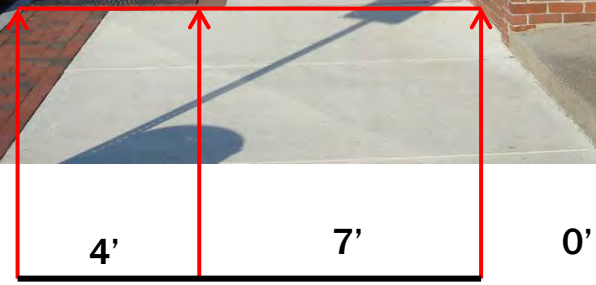
**Furniture
Zone**

Sidewalk Widths and Zones

Hingham
Center

Total Width = 11'

Typical condition



Furniture
Zone

Walking
Zone

Frontage
Zone

Sidewalk Widths and Zones

Marblehead Center

Total Width = 12'

Typical condition



1'

8'

3'

Frontage
Zone

Walking
Zone

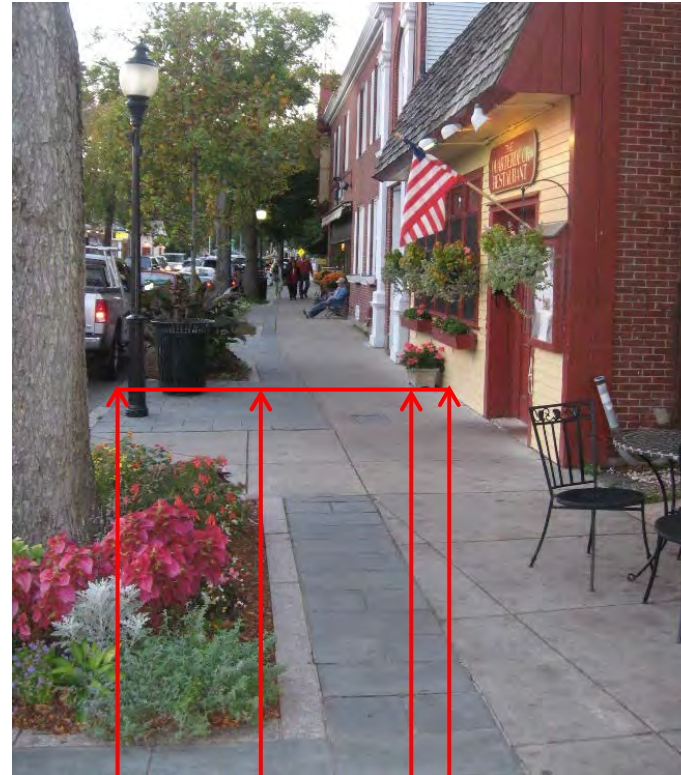
Furniture
Zone

Sidewalk Widths and Zones

Falmouth Center

Total Width = 12'

Typical condition



4-6"

6'-6"

1'

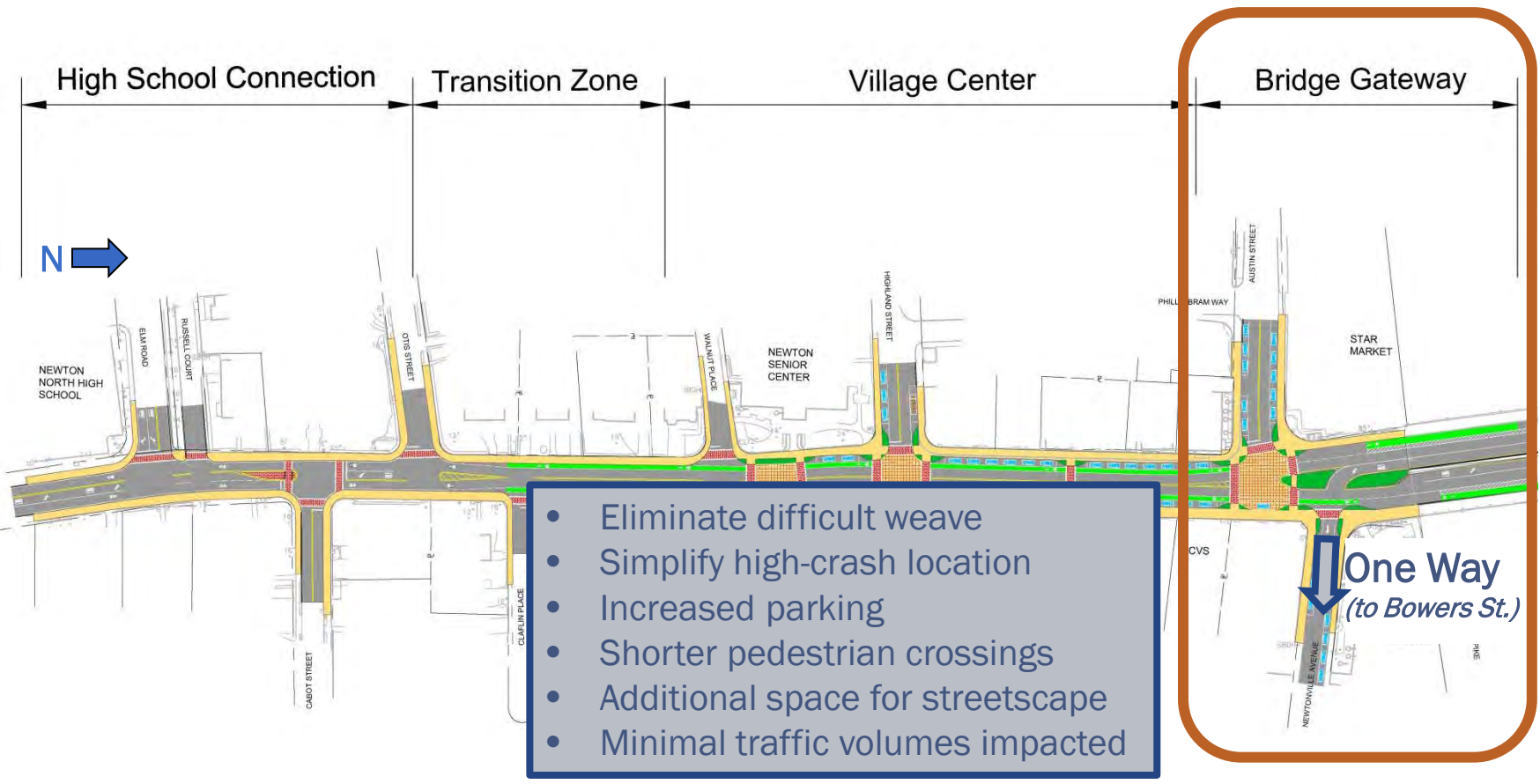
Furniture
Zone

Walking
Zone

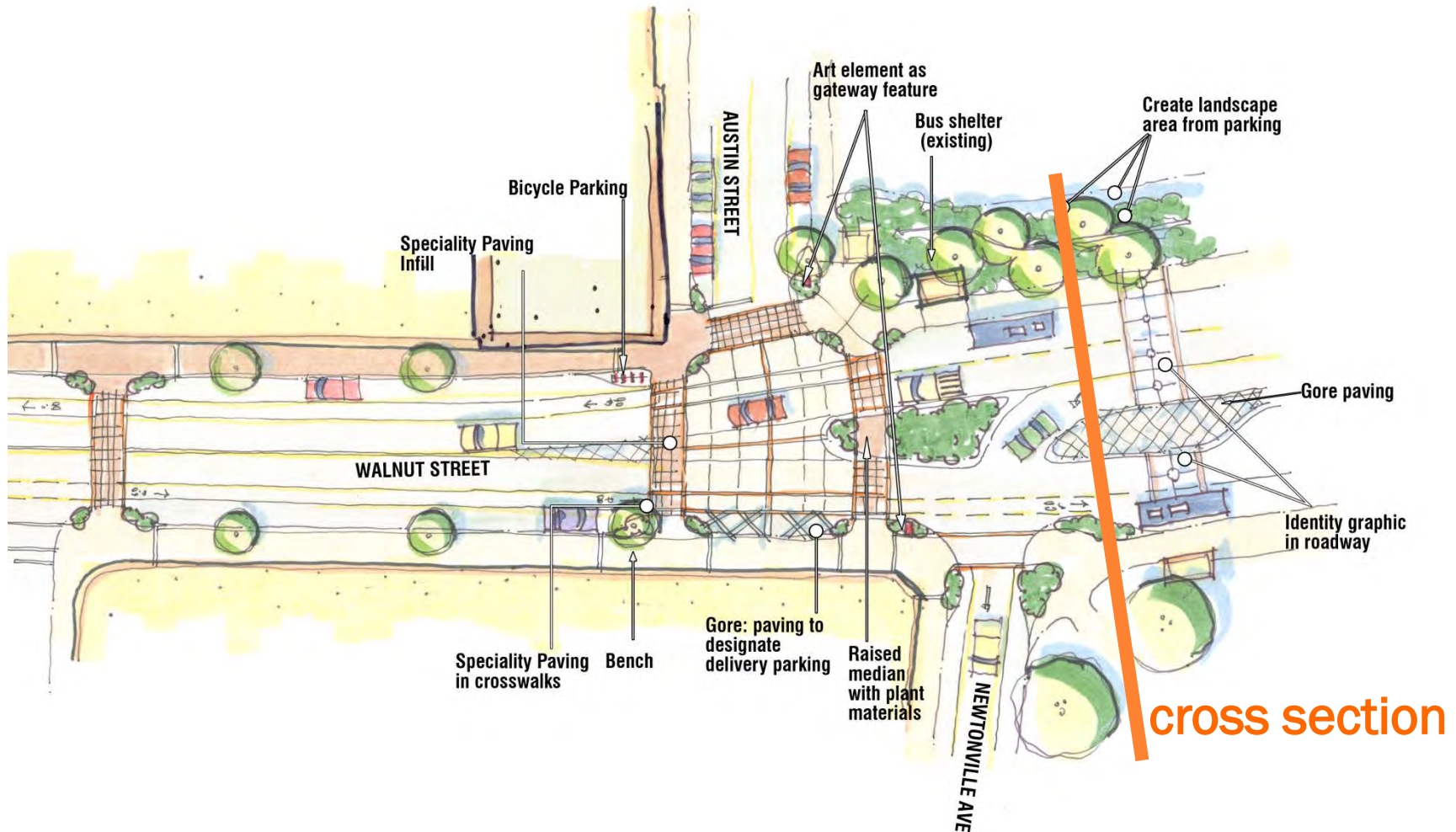
Frontage
Zone

Concept Option B

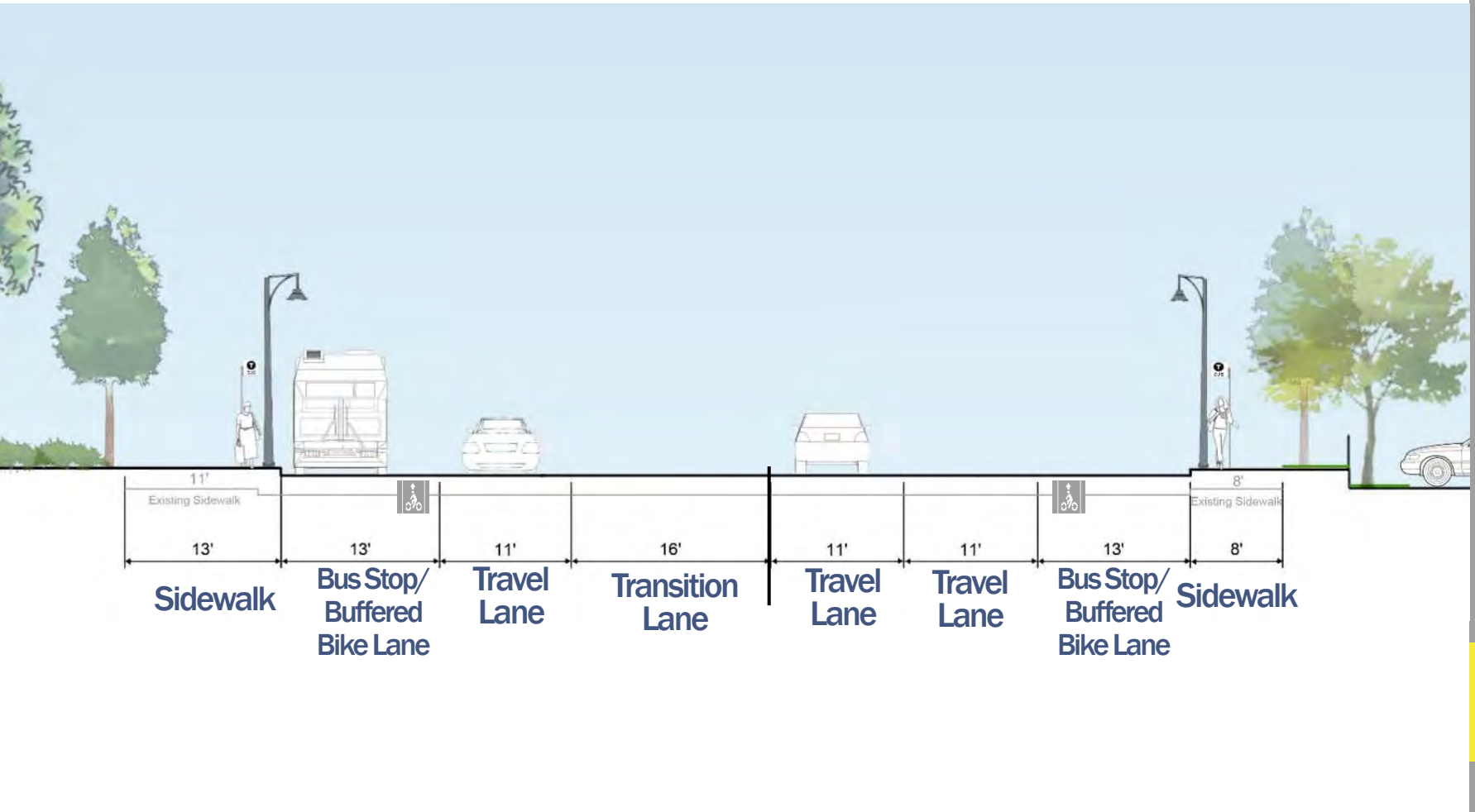
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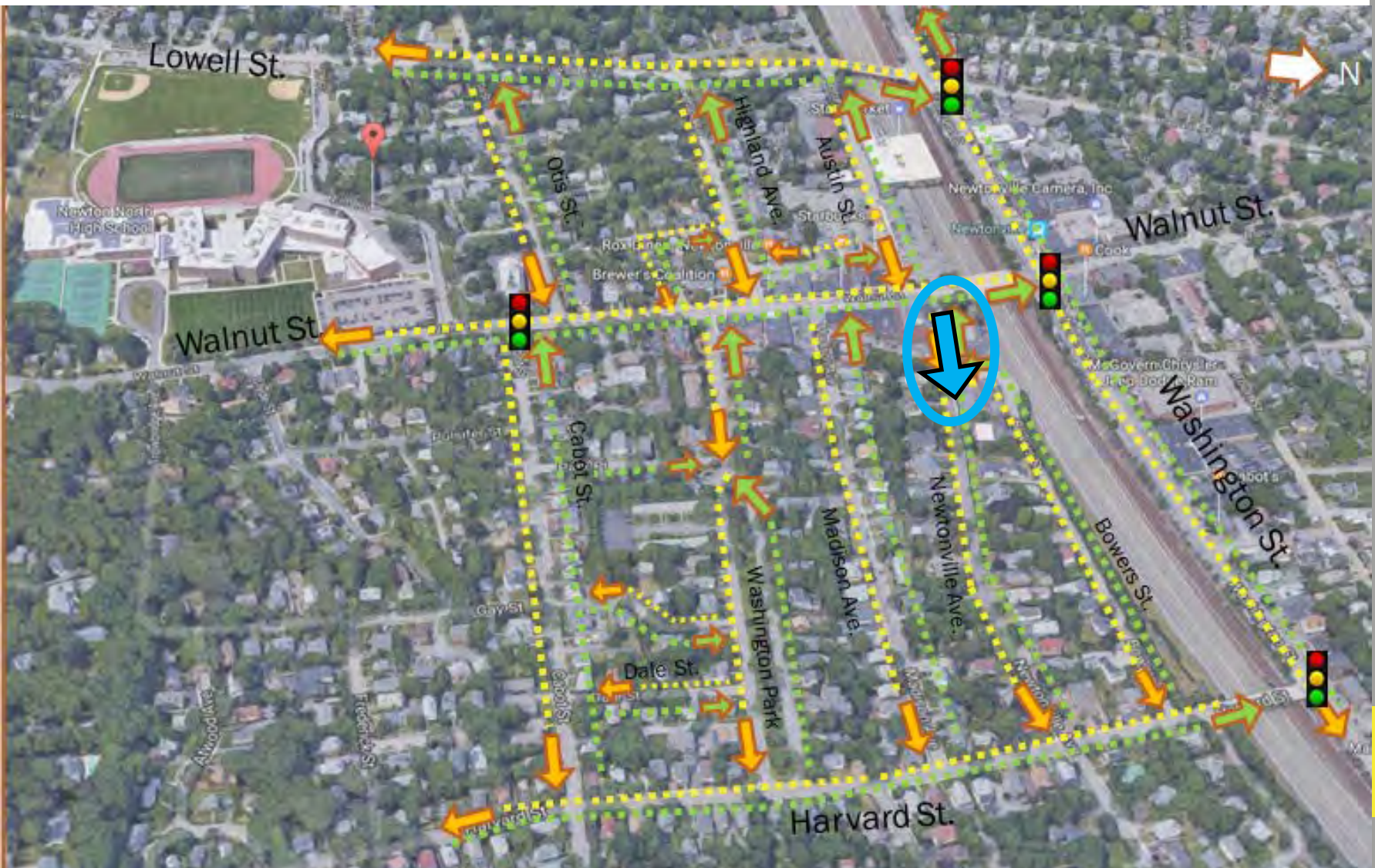
Concept Option B – Bridge Gateway



Concept Option B – Bridge Gateway




Concept Option B – Road Network



Concept Option B – Road Network



Legend:

 Allowed Movement

XXX Impacted a.m. peak hour volume

(XXX) Impacted a.m. peak hour volume

{XXX} Impacted Sat. peak hour volume

Parking & Loading Zones

	Existing	Option A Washington Pk.- one way Madison Ave.- one way Newtonville Ave.- turn restriction	Option B Newtonville Ave.- one way
Parking	51	50	52
Loading	<u>0</u>	<u>2</u>	<u>2</u>
	51	52 <i>(63 including extended portion of Washington Pk.)</i>	54

Gateway Treatments

- Artwork and Narratives



Gateway Treatments

- Planting, Artwork and Narratives



Streetscape - Furnishings



Streetscape - Planting



Streetscape - Lighting



Acorns and Globes



Capped Acorns



Shepherd's Crook

Streetscape - Lighting



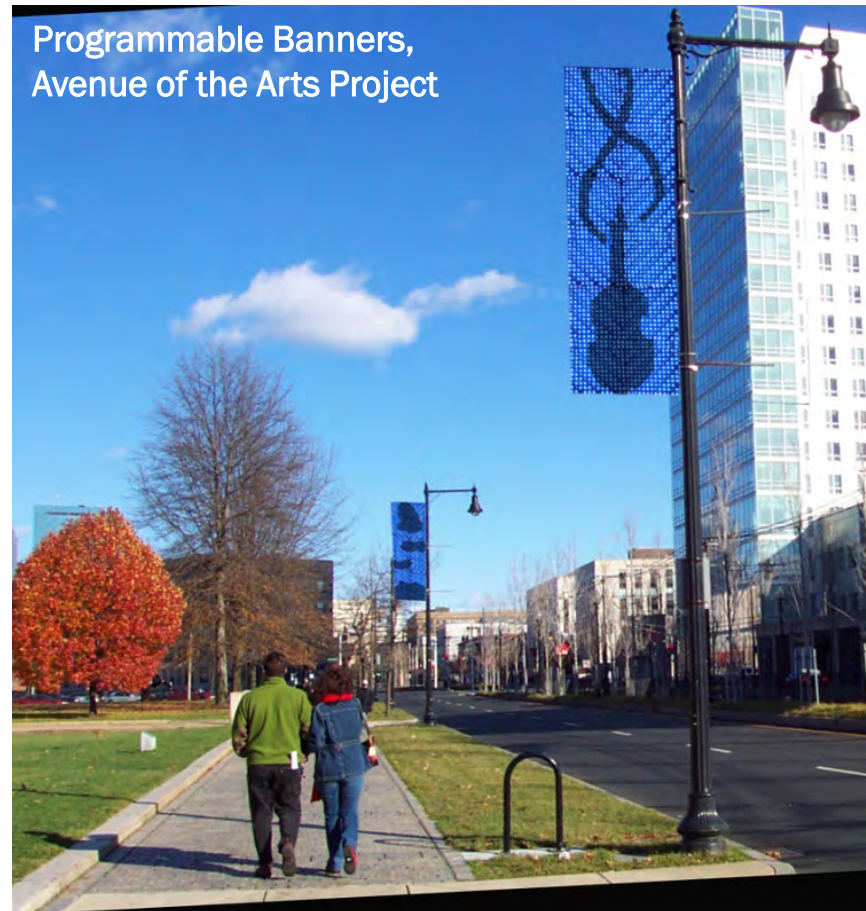
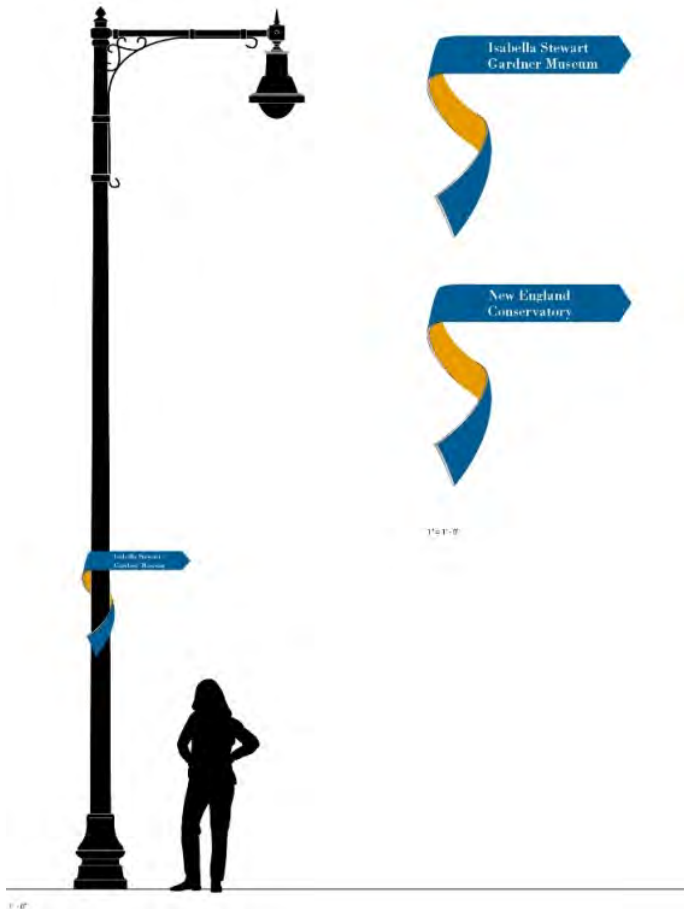
Pedestrian Lighting



Landscape Accents

Opportunities - Art

- Banners



Opportunities - Art

- Signage



Opportunities - Art

- Sculpture



Opportunities - Art

- Temporary Installations



Pop up Trees

Next steps: Concept Development

[1]

Develop Design Concepts

- Meeting 2: Present & Discuss Design Concepts
~ TODAY!

[2]

Preferred Concept

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~June/July 2017

[3]

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Next steps: Full Schedule

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~June/July 2017

[4]

Present to Council

Thank you!

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walnutstreet@newtonma.gov

