

An aerial photograph of a city grid, showing a dense network of streets and buildings. A river flows through the center, and a major highway (I-95) is visible on the right side. The image is overlaid with a dark purple semi-transparent rectangle containing text.

BRIDGING I-95: CONNECTING THE COMMUNITY

CAP FEASIBILITY STUDY
Community Event #4
17 November 2022



AGENDA

- + Welcome
- + Presentation
 - + Overview
 - + Public Process
 - + Cap Concept
 - + Circulation
 - + Structural
- + Closing Remarks



I-95 FEASIBILITY STUDY

Overview

Community Advocacy



WEST SIDE GROWS UNITED NEIGHBORS

THIS IS AN OPPORTUNITY

Reconnect the neighborhoods divided by the construction of I-95 by working with the community and key stakeholders to **re-imagine the future of the Jackson-Adams Corridor** between the Delaware Avenue Bridge and the 6th Street Bridge.

THIS IS A COLLABORATION

Build on community efforts by engaging local leaders, community groups, stakeholders, and neighbors. Through workshops, interviews, and collective visioning this plan will represent the **ideas and aspirations of those who know the needs of the community best.**

Feasibility Study Goals

Reconnect the neighborhoods divided by the construction of I-95 within the Jackson-Adams Corridor between the Delaware Avenue Bridge and the 6th Street Bridge.

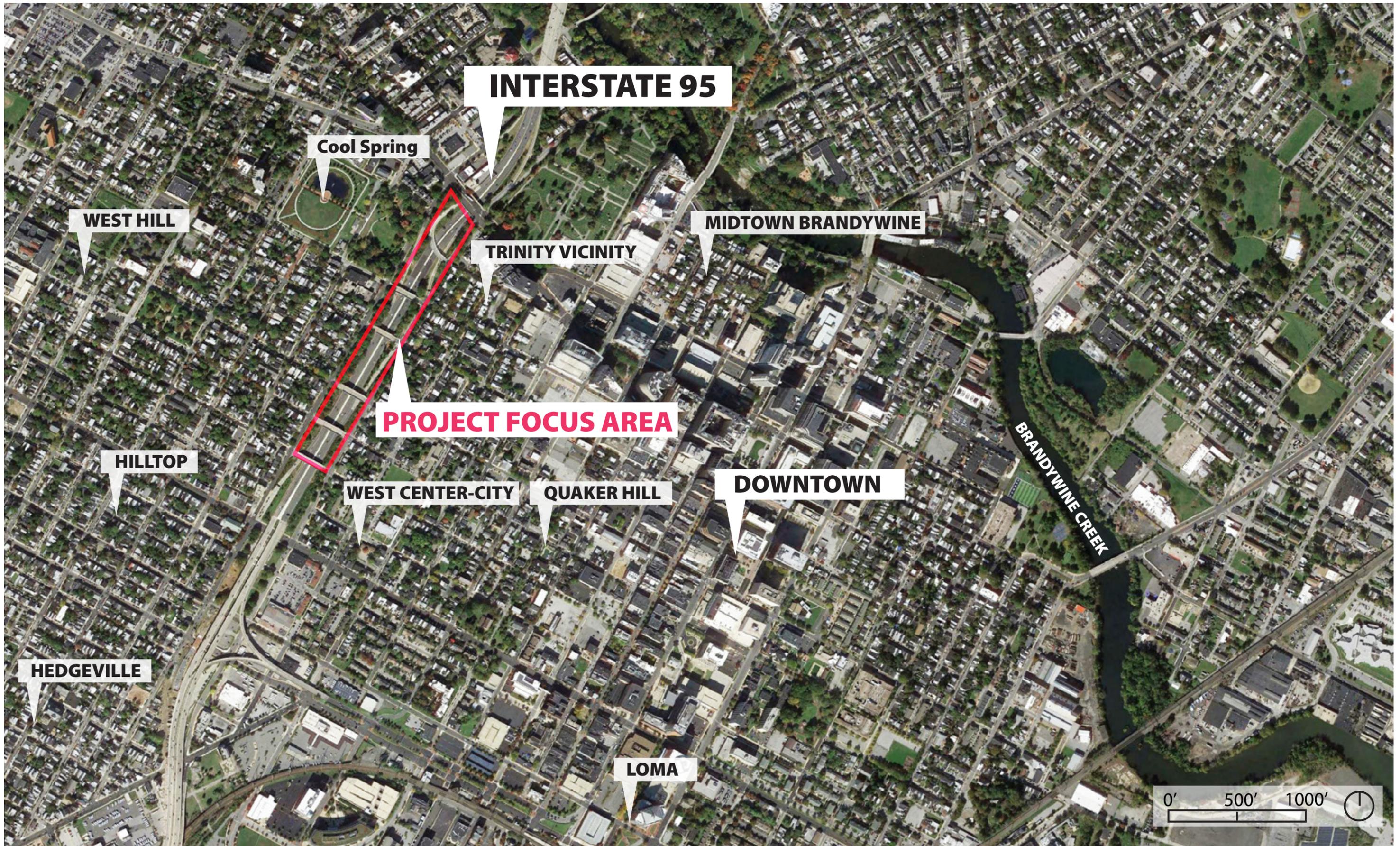
Support neighborhood character, cohesion, and pride.

Provide equitable, safe, and connected access for pedestrians and people riding bicycles and using all modes of transportation.

Create inclusive, welcoming, vibrant public urban outdoor experiences through public realm & landscape amenities for residents of the adjacent neighborhoods.

GIVENS

- No commercial or residential relocations.
- Maintain an acceptable level of traffic flow through the project area balanced with a safe pedestrian oriented environment.
- No significant reconfiguration of I-95.



INTERSTATE 95

Cool Spring

WEST HILL

MIDTOWN BRANDYWINE

TRINITY VICINITY

PROJECT FOCUS AREA

HILLTOP

WEST CENTER-CITY

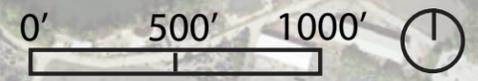
QUAKER HILL

DOWNTOWN

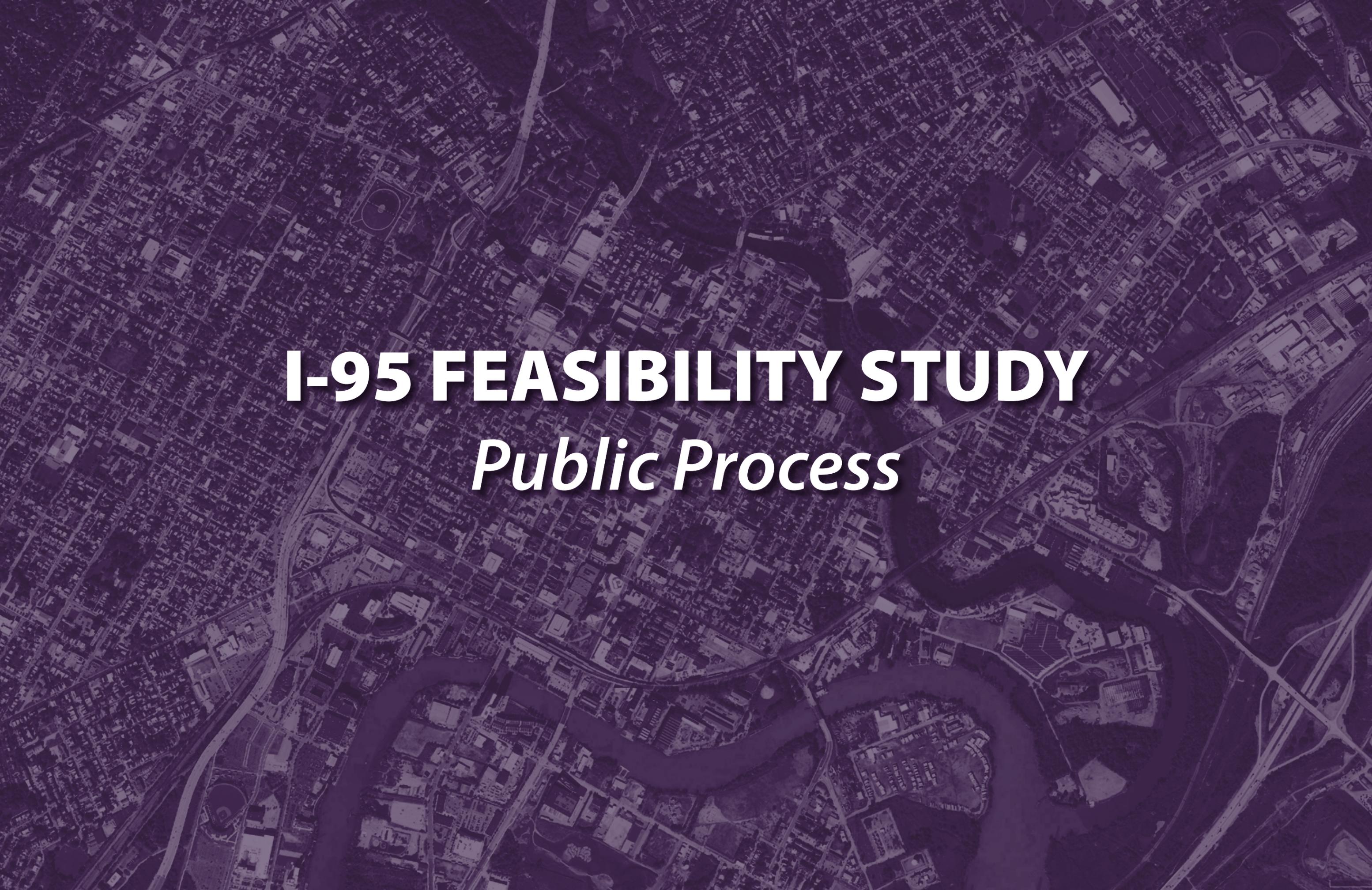
HEDGEVILLE

LOMA

BRANDYWINE CREEK







I-95 FEASIBILITY STUDY
Public Process

Community Workshops #1 and #1B (November 17th 2021 & January 12th 2022)

Let's make a vision for the future of I-95

When I picture the future of this place, I envision...

When picturing the future of this place, the community envisions **a place for everyone** that is **safe, walkable, and colorful**.

This includes **well-lit, well-maintained programmed areas** that prioritize **sustainability, native plantings**, places for families and community members to **play** and **exercise** comfortably, and that **celebrates the history of the neighborhoods**.



Community Workshop #3: Program Feedback (November 2021-January 2022)



Community Workshop #3: Program Feedback (November 2021-January 2022)

Trees



Pedestrian-only zones



Community gardens



Shade



Multi-function landscape



Small group gathering



Embedded Lights:



Pollinator gardens



Traffic calming



Performance venue



Cafe/moveable seating



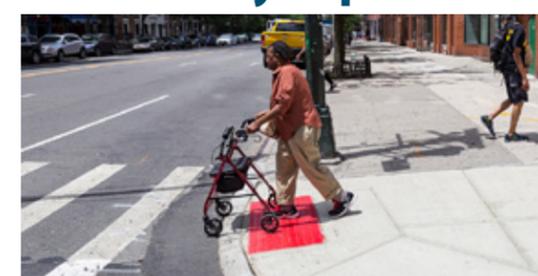
Flexible lawn



Protected bike lane



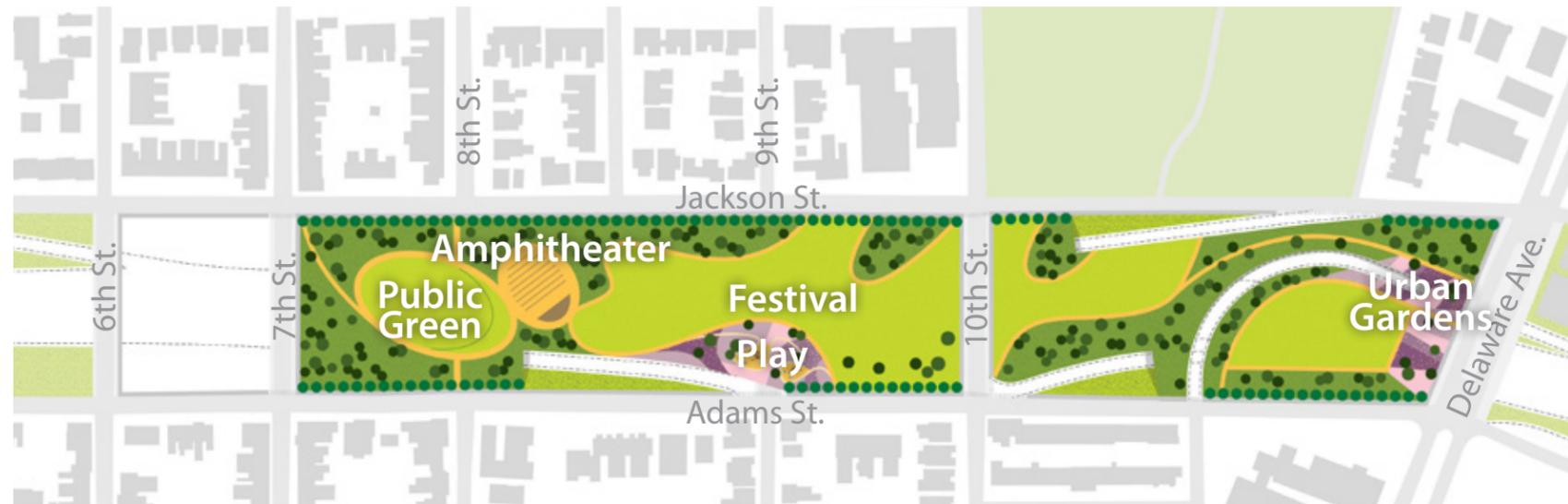
Accessibility Improvements



Playground

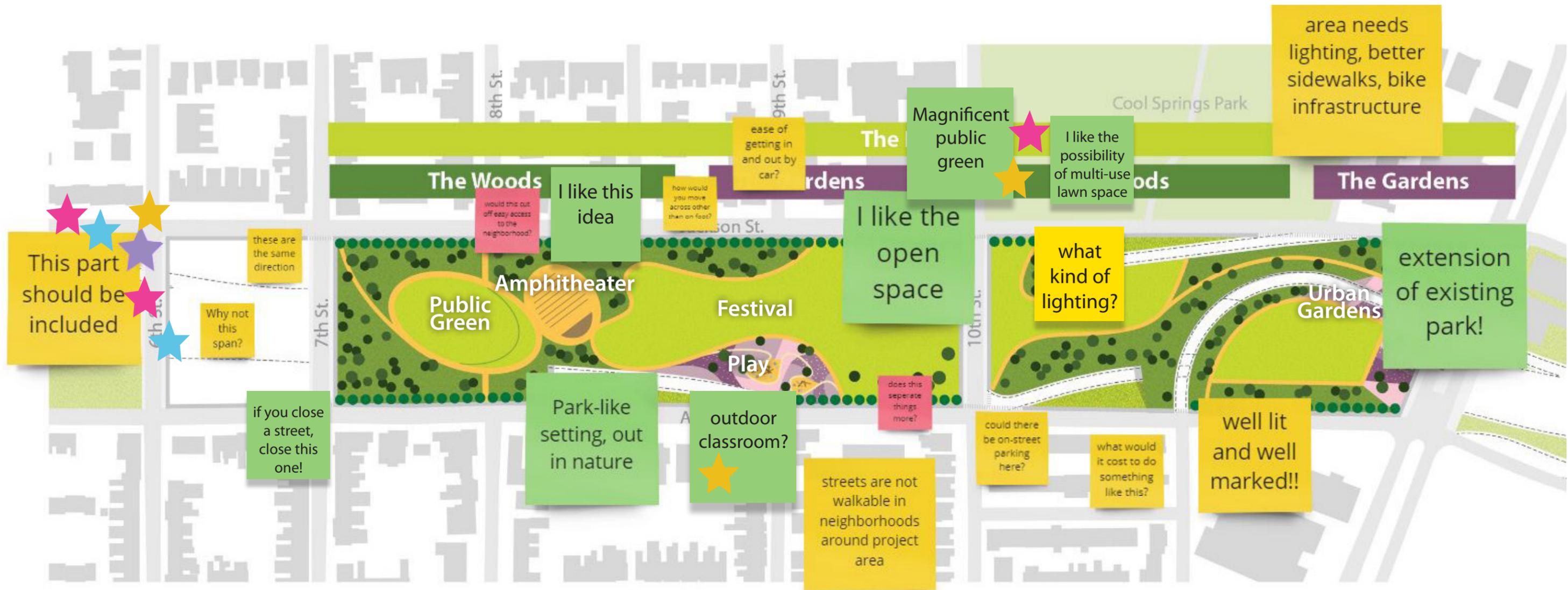


Community Workshop #2: Three Initial Ideas (April 2022)



Community and Advisory Committee Preferred Idea (April 2022)

Early Approach 2: Greenway *a contiguous public green*



★ = I AGREE WITH THIS COMMENT

500ft



Community Workshop #3: Concept Development (September 2022)

CONCEPT A



CONCEPT B



CONCEPT B1

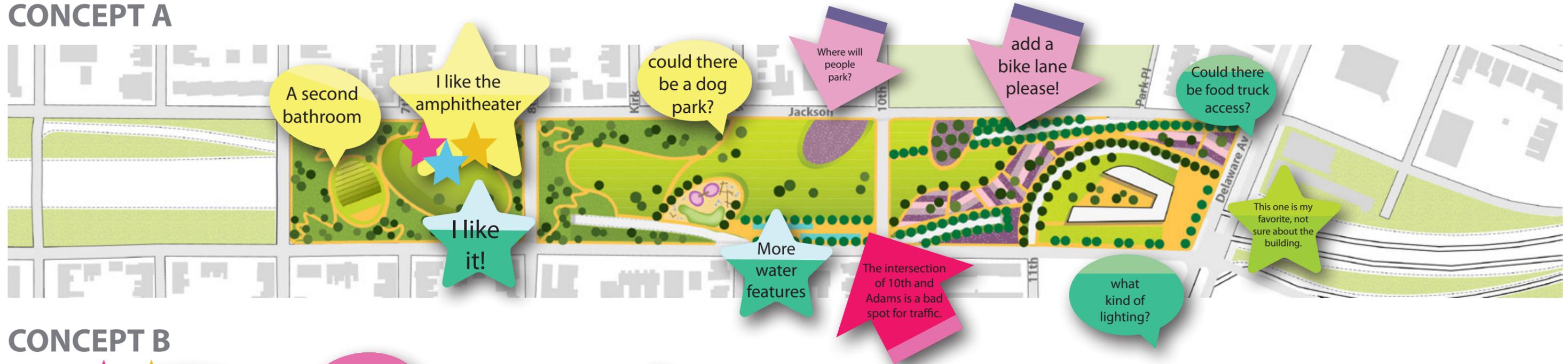


Community Workshop #3: Concept Development (September 2022)



Community Workshop #3: Concept Development (September 2022)

CONCEPT A



CONCEPT B



CONCEPT B1



Community Workshop #3: Concept Development (September 2022)

ADDITIONAL COMMENTS

- Concerns with **development**
- Locate convenient **restrooms**
- **Pedestrian and bike connections**
- Propose **pedestrian-friendly** street connections
- Investigate **traffic calming** on n. Jackson and n. Adams streets
- **Dog park** desired
- **Community amphitheater** good, concern with major performance venue

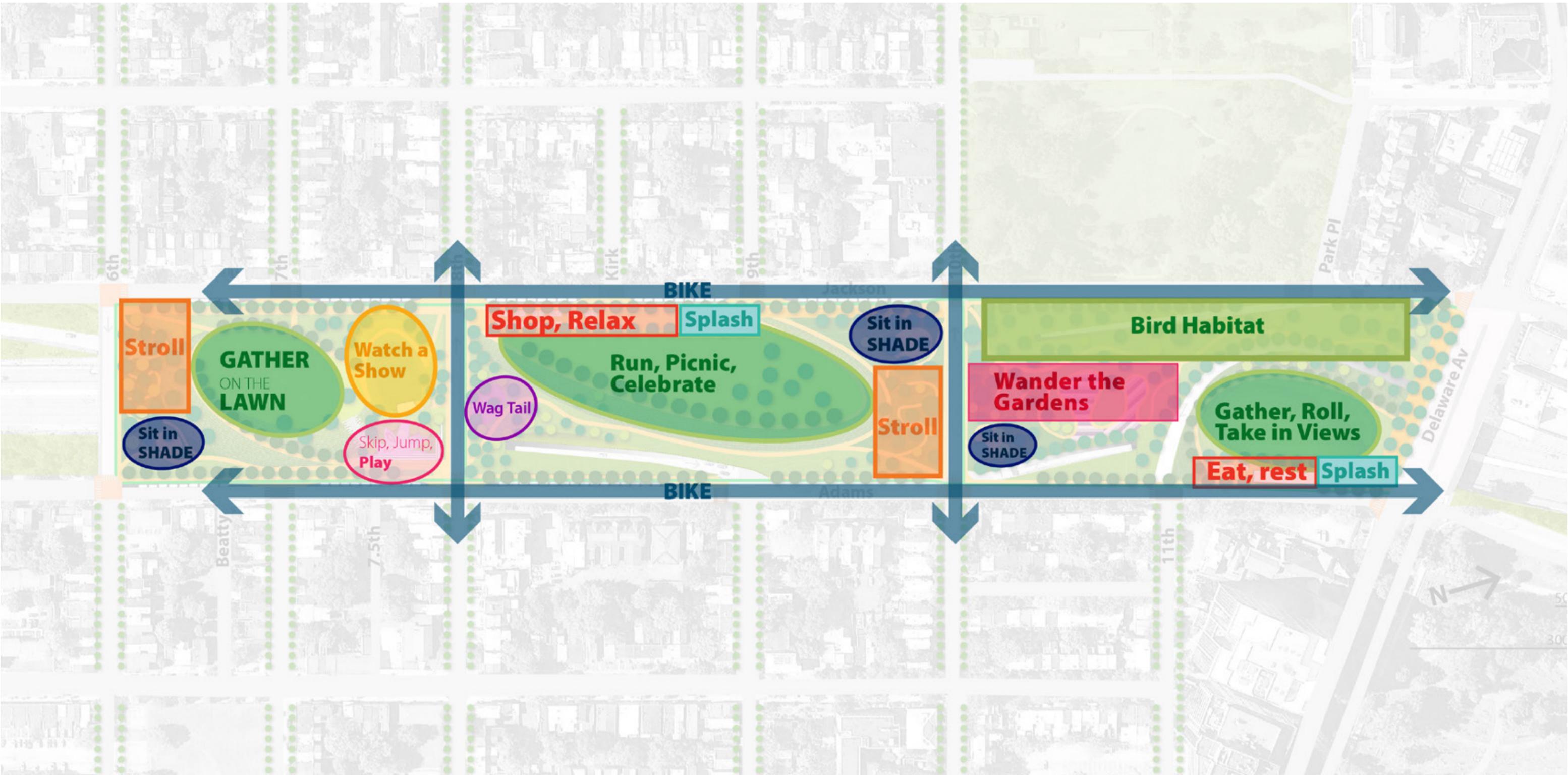
An aerial photograph of a city, likely Atlanta, Georgia, showing a dense urban landscape with numerous buildings, trees, and a prominent multi-lane highway (I-95) running diagonally from the bottom left towards the top right. A baseball field is visible in the upper left quadrant. The image is overlaid with a semi-transparent dark blue filter.

I-95 FEASIBILITY STUDY
Updated Concept

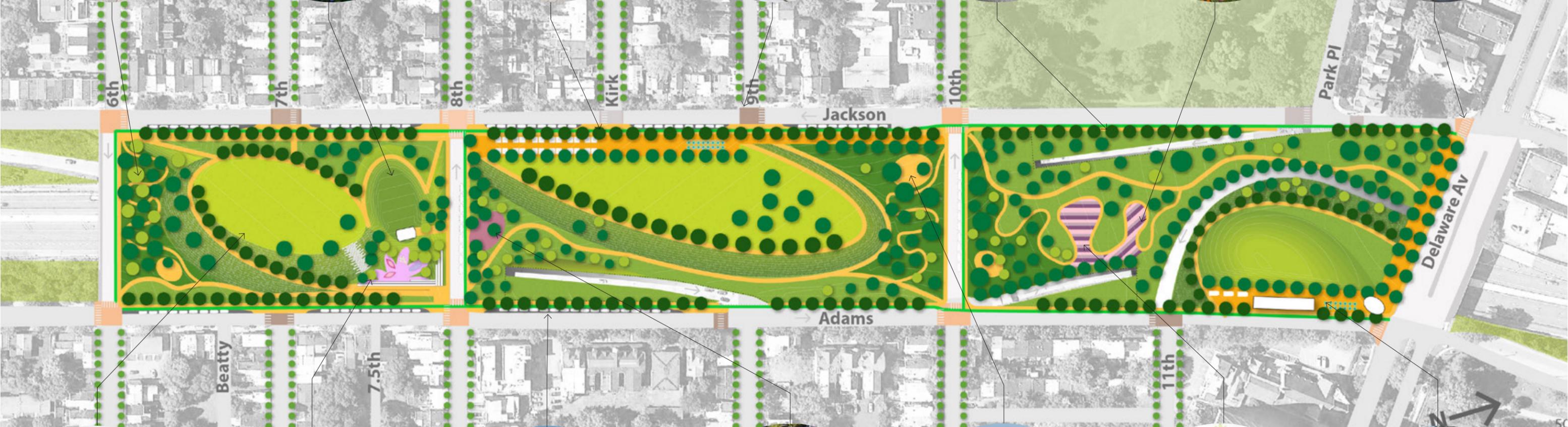
Design Concept



Design Concept



Community-Selected Programs









Public Art Opportunity

Gardens

Garden Paths

Public Art

Food Trucks

Knoll

Shade Pavilion

Water Feature

Cafe/Restrooms

160ft 

Design Concept

4.



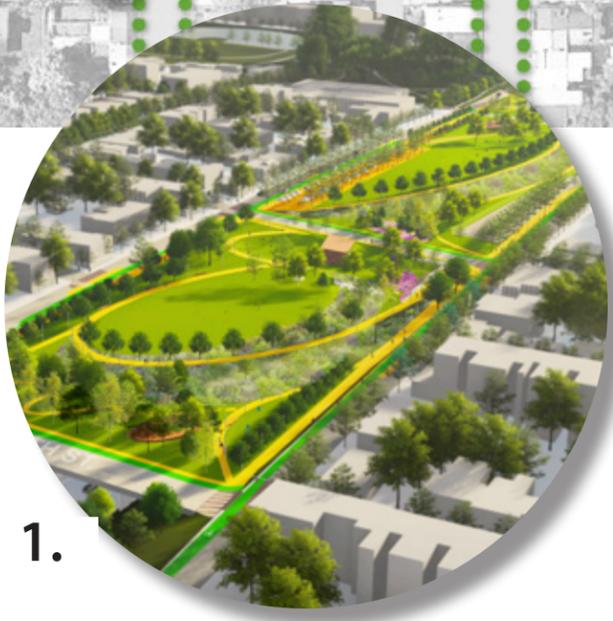
5.



6.



1.



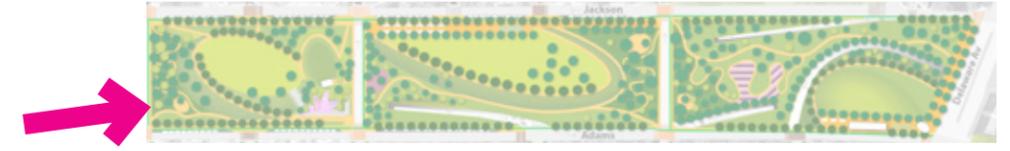
2.



3.

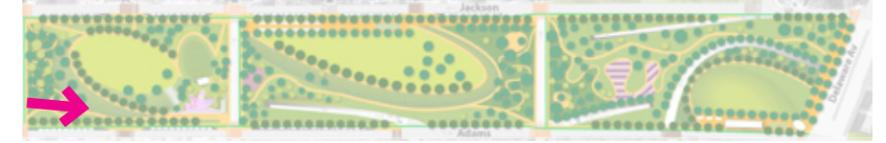


Design Concept



Looking North-West toward Cool Spring

Design Concept



View 02: Shaded Park Setting Looking North at Adams

Design Concept



View 02: Shaded Park Setting Looking North at Adams

Design Concept



View 04: Activated Nature Play

Design Concept



View 04: Activated Nature Play

Design Concept



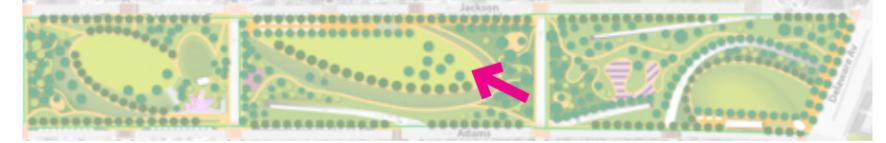
View 03: Shaded Park Setting Looking North at Downtown

Design Concept



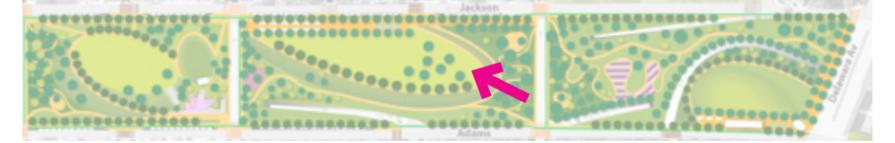
View 03: Shaded Park Setting Looking North at Downtown

Design Concept



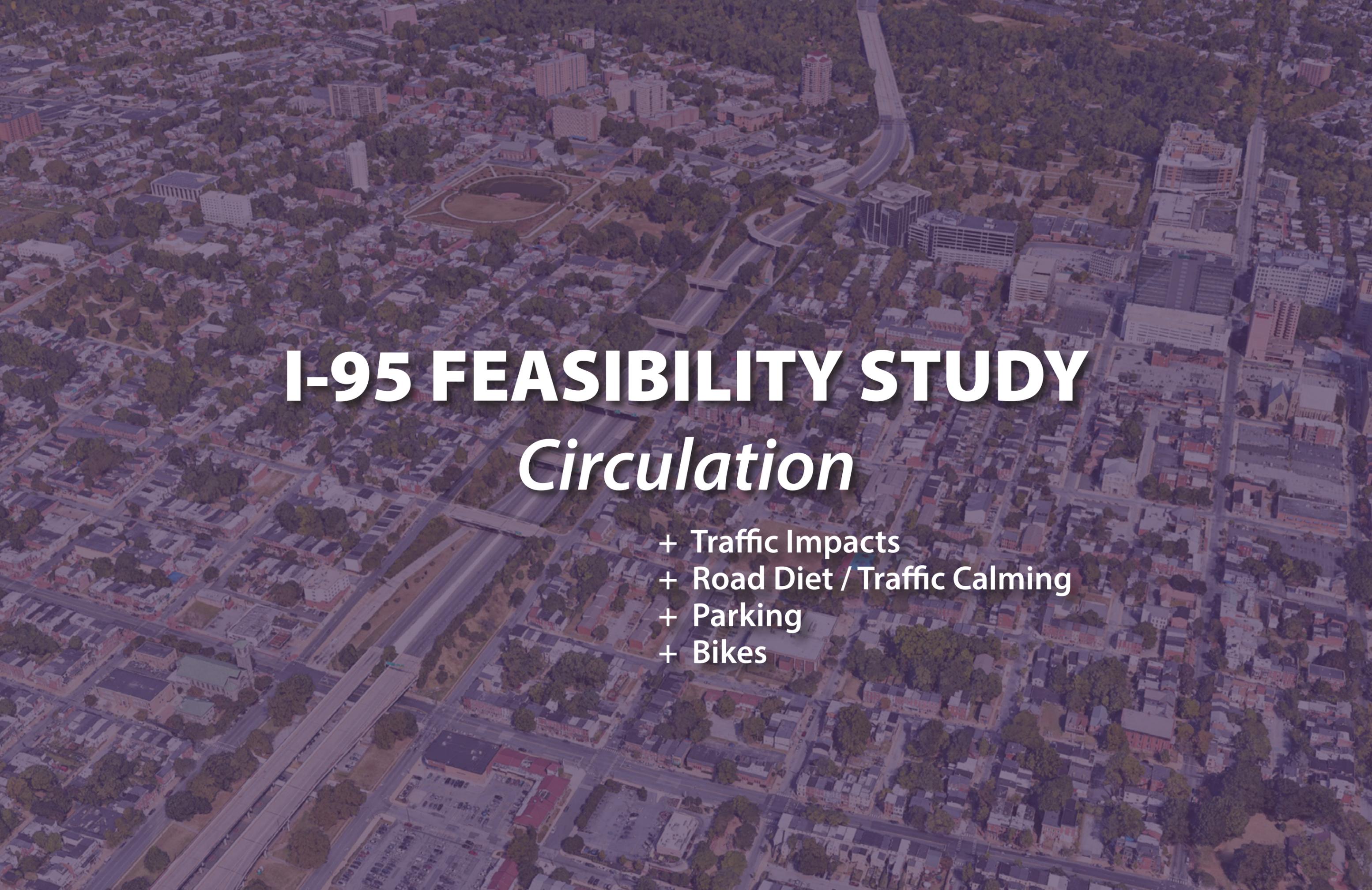
View 01: Festival Lawn Looking South

Design Concept



Design Concept



An aerial photograph of a city, likely Atlanta, Georgia, showing a dense urban area with a mix of residential and commercial buildings. A major highway, I-95, runs diagonally through the center of the image. A baseball field is visible in the upper left quadrant. The text 'I-95 FEASIBILITY STUDY' is overlaid in large, bold, white capital letters, and 'Circulation' is overlaid in a smaller, white, italicized font below it.

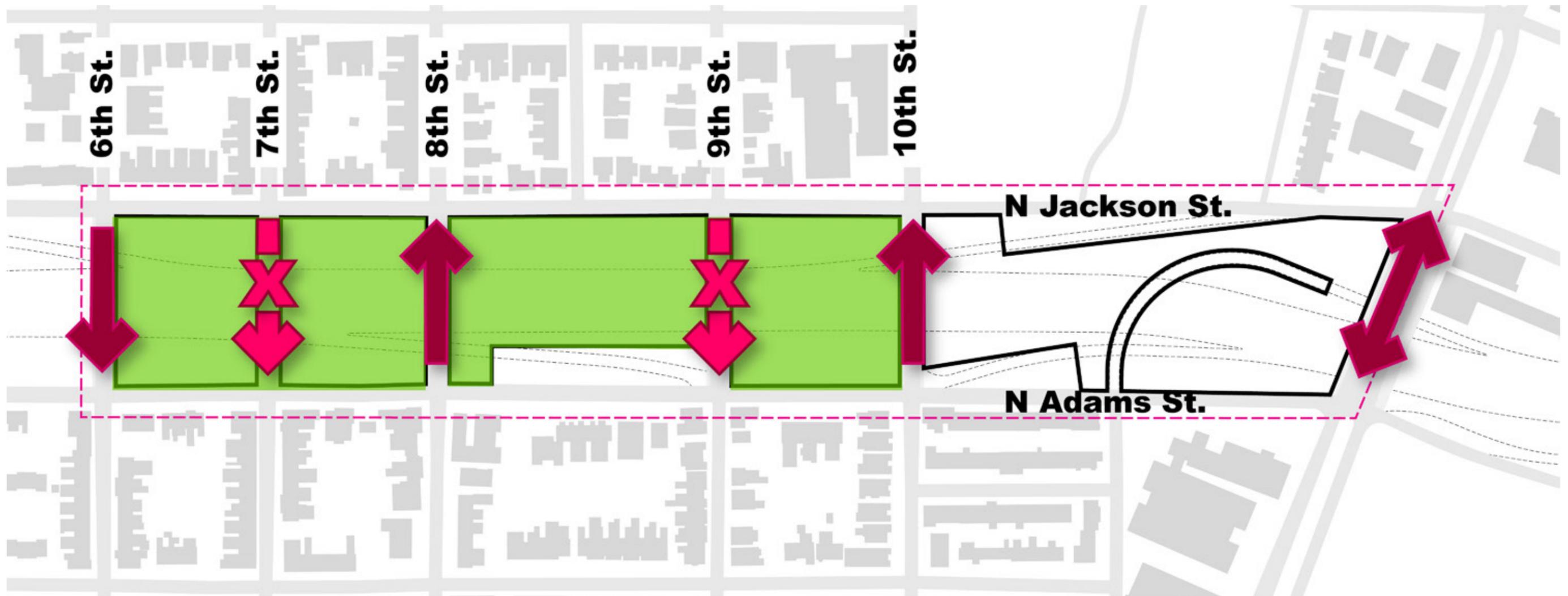
I-95 FEASIBILITY STUDY

Circulation

- + Traffic Impacts
- + Road Diet / Traffic Calming
- + Parking
- + Bikes

September 2022 Traffic Analysis: Street Closure Feasibility

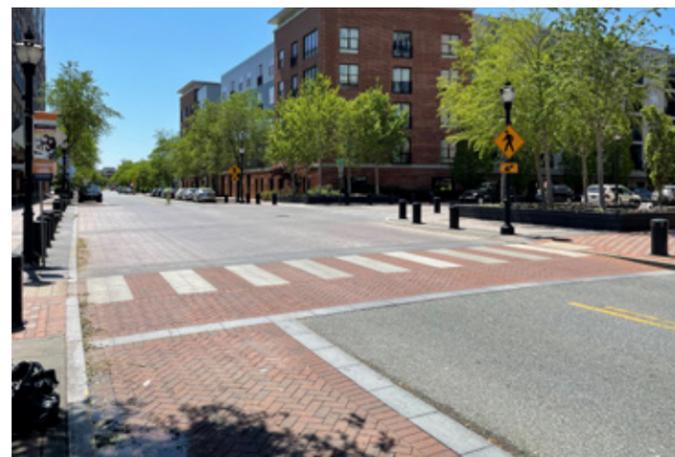
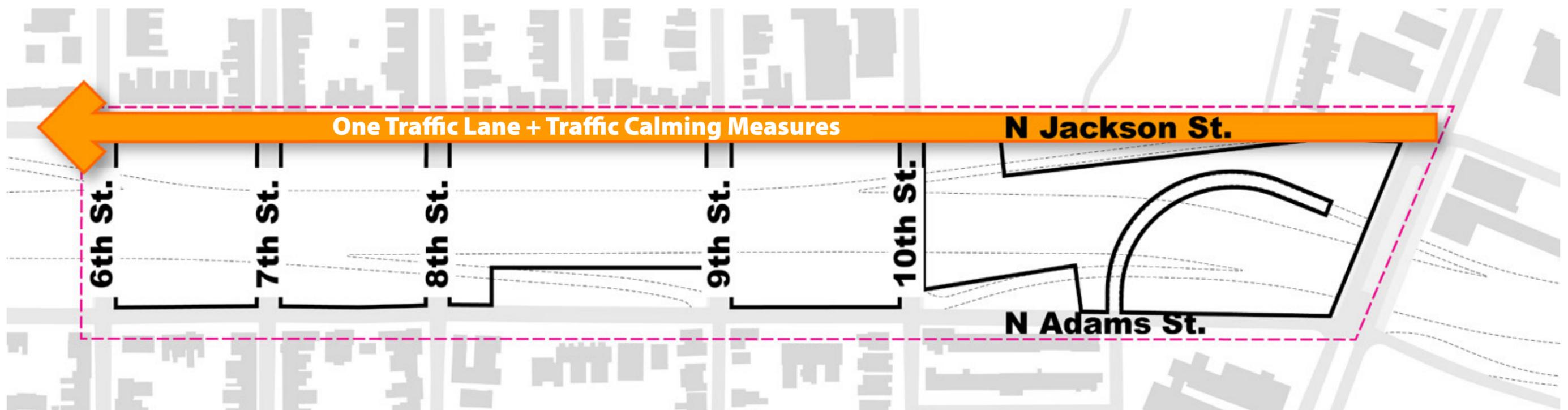
Traffic analysis found that minor signal timing modifications would mitigate any impact to level of service if **any two streets were closed**.



Closing 7th and 9th streets creates two larger spans, between 6th and 8th streets and 8th and 10th streets.

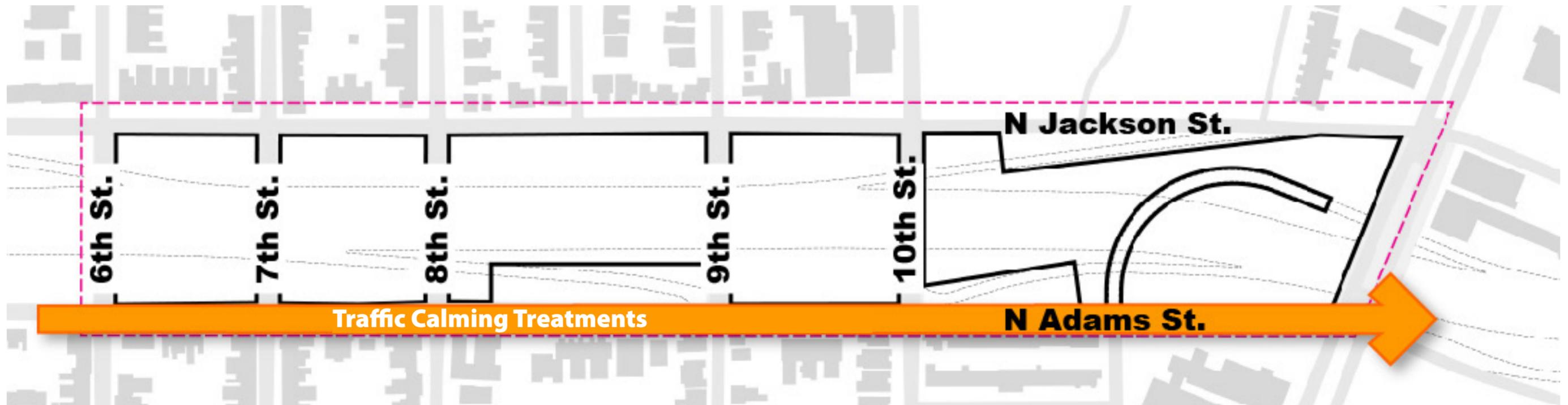
September 2022 Traffic Analysis: Street Closure Feasibility

Traffic analysis found that there would be minimal impact to level of service if **N. Jackson Street** were reduced to **one drive lane**. Reducing N Jackson to **one lane** and **adding traffic calming measures** slows south-bound traffic near Cool Spring Park, William Lewis Elementary, adjacent residences, and the proposed cap.



November 2022: N. Adams Street Traffic Calming Analysis

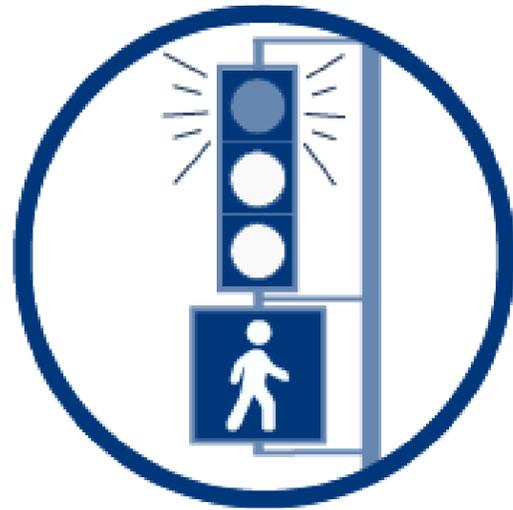
The study proposes similar **traffic calming treatments on N Adams St.** Based on preliminary analysis, there would be minimal impacts to Level of Service with the addition of traffic calming measures, however a more detailed analysis is still necessary.



Traffic Calming - FHWA Methods



Bicycle Lanes



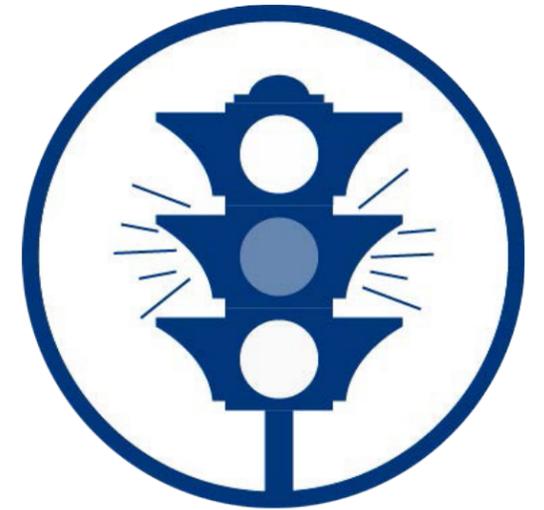
Leading Pedestrian Interval



Crosswalk Visibility Enhancements



Walkways *[On the I-95 Side]*



Yellow Change Intervals



Lighting



**Road Diets
(Roadway Configuration)**

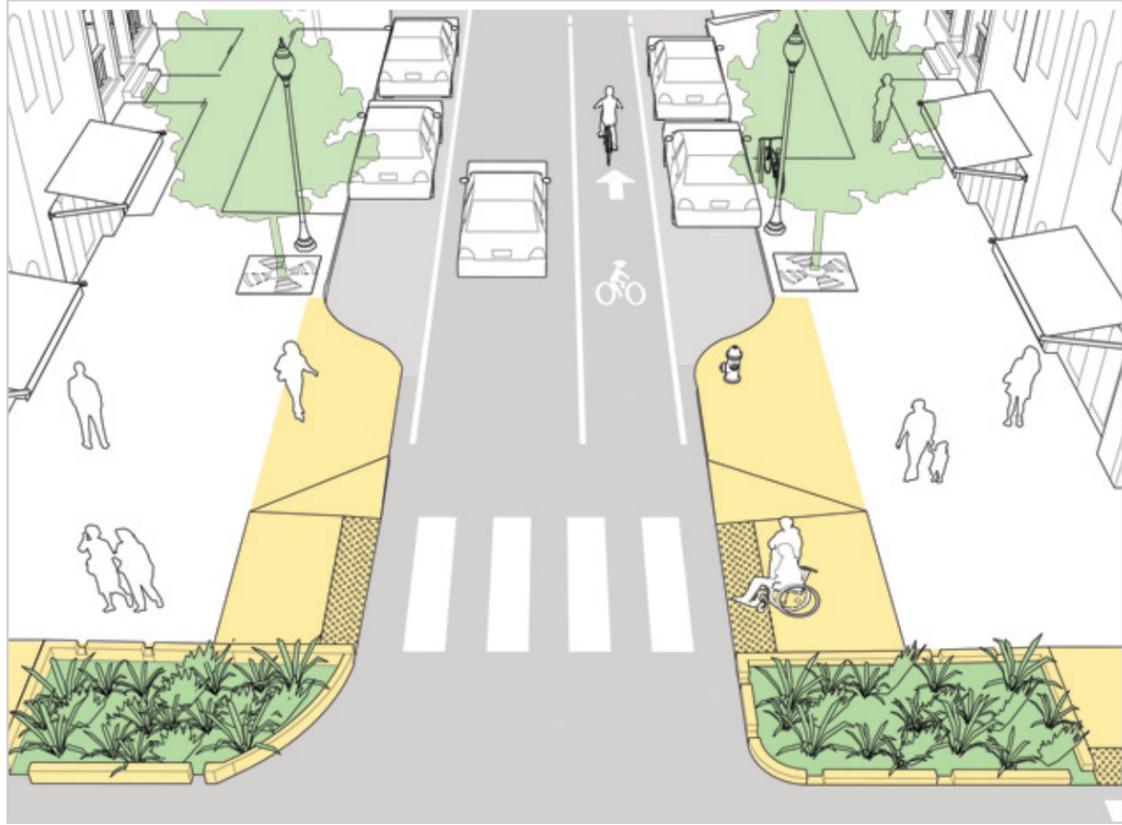


**Speed Safety
Cameras**



Road Safety Audit

Traffic Calming: Road Diet (North Jackson / North Adams)



Bump Outs



Narrowing Streets



Raised Intersections



On Street Parking



Chicanes

Traffic Calming: Bike Infrastructure



Raised Bike Lane



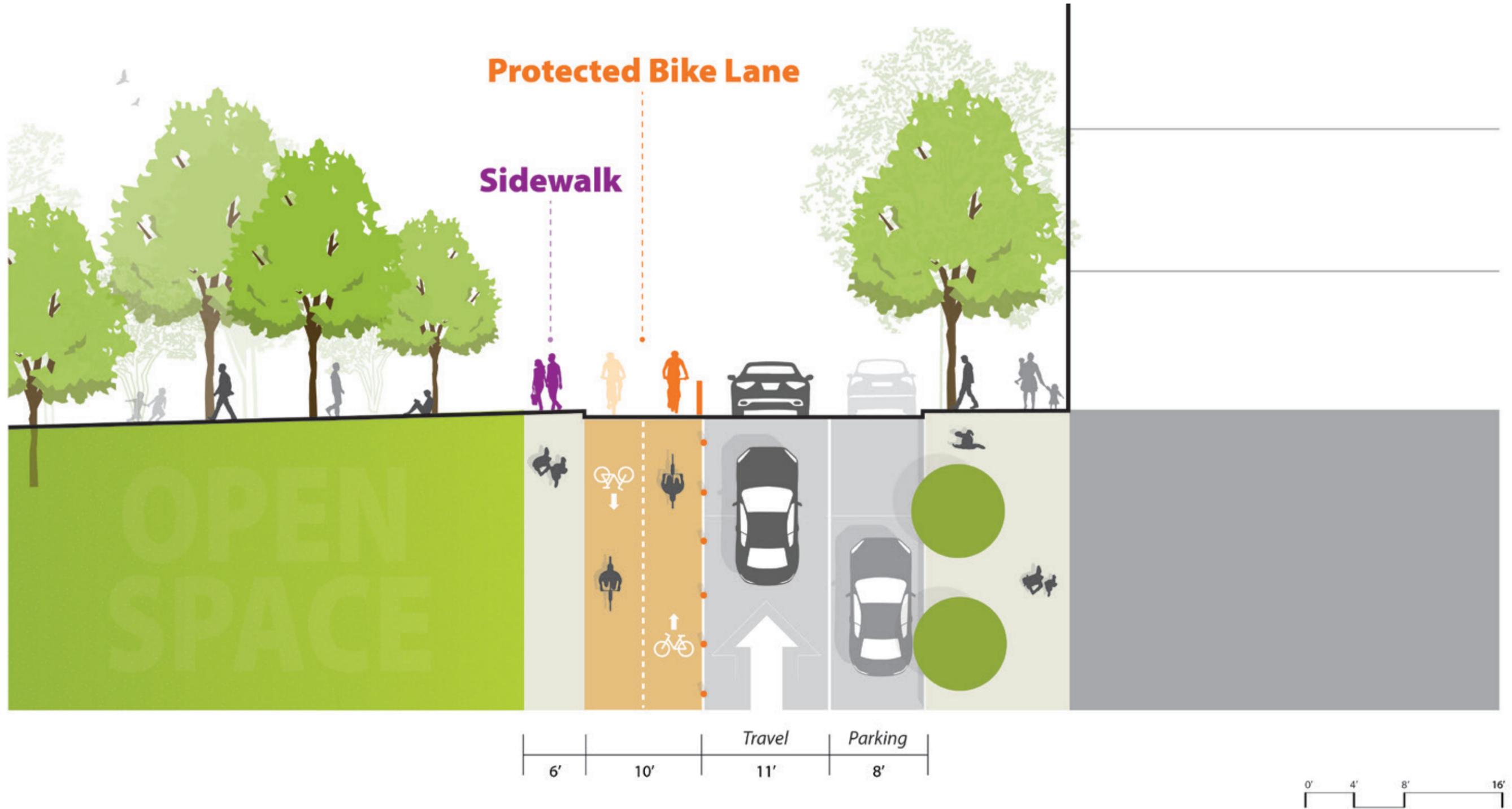
Bollards

Traffic Calming: Raised Intersection in Wilmington



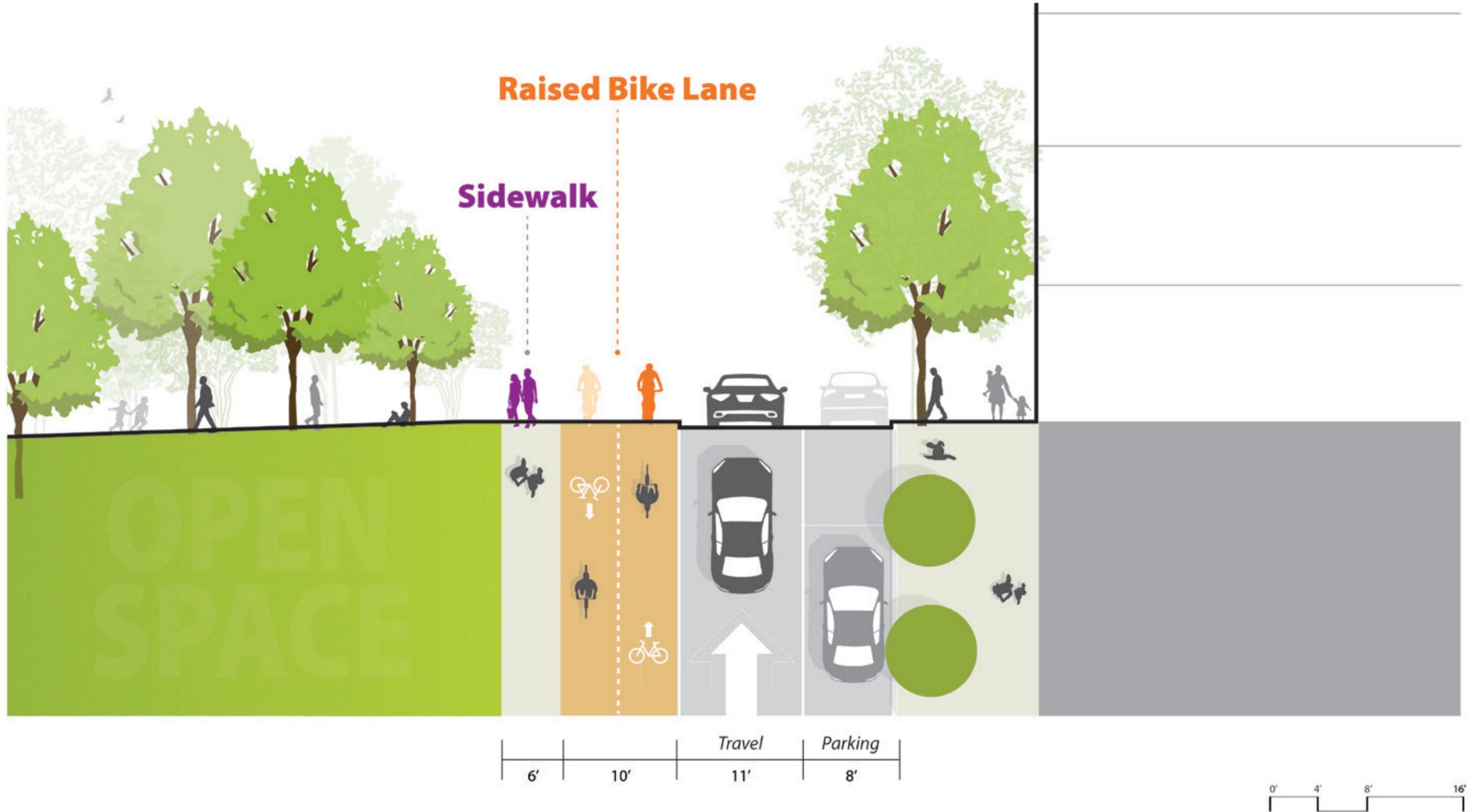
Road Diet on North Adams/North Jackson

On Street Protected Bike Lanes (1 vehicular transit lane, 1 parking on street)



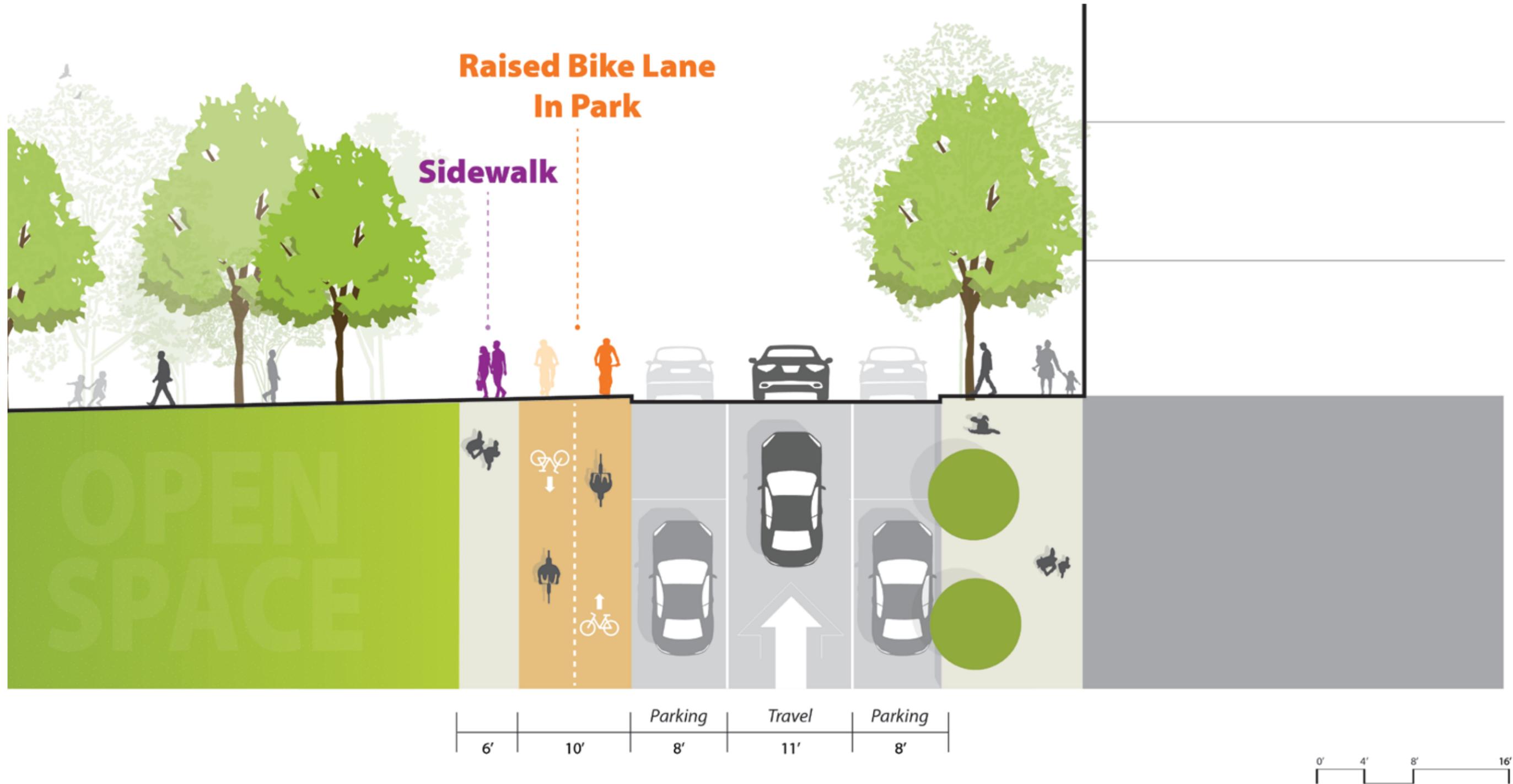
Road Diet on North Adams/North Jackson

Raised Cycle Track (1 vehicular transit lane, 1 parking on street)



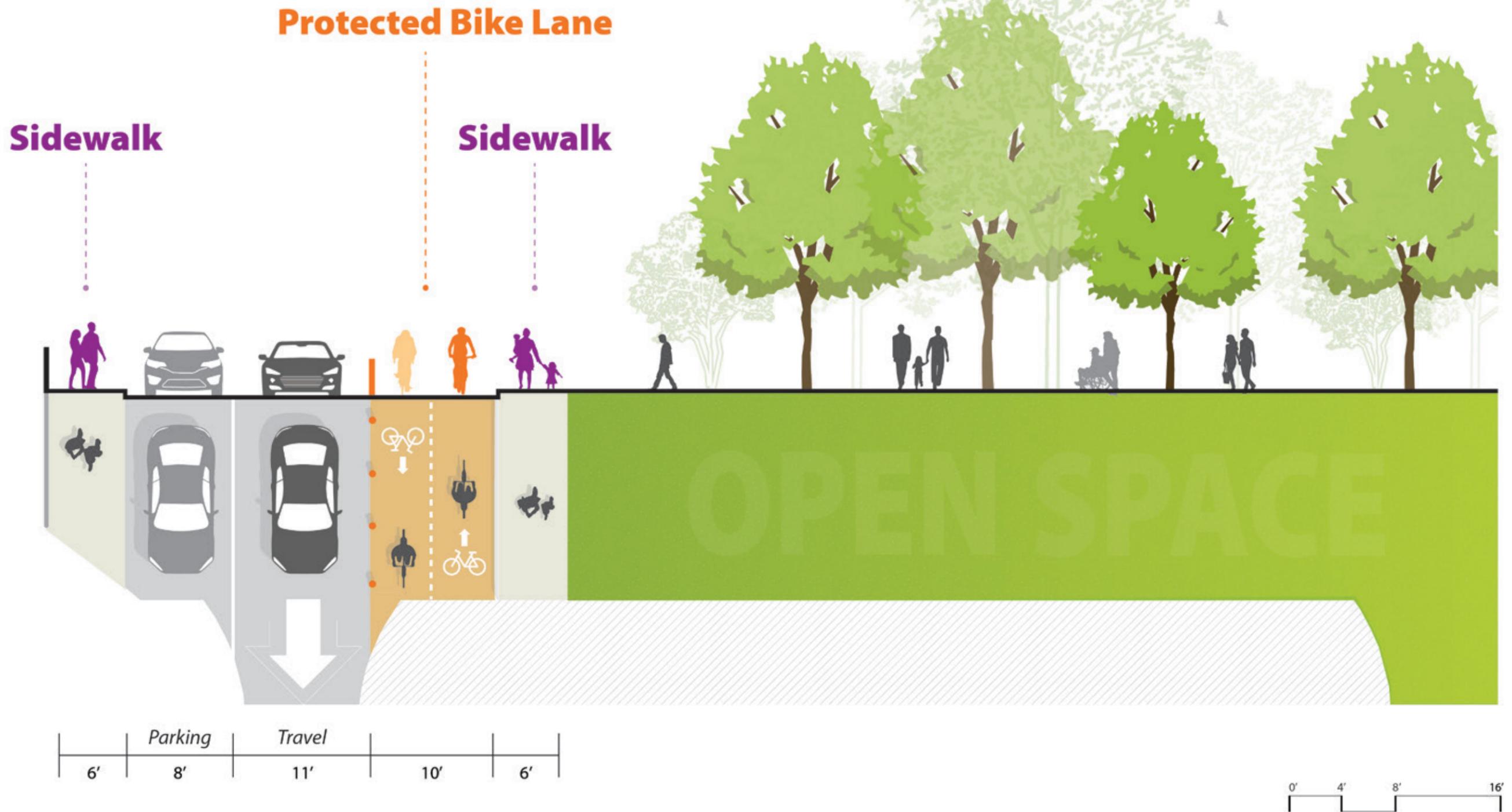
Road Diet on North Adams/North Jackson

Raised Cycle Track in Park (2 vehicular transit lane, 1 parking on street)



Road Diet on 6th St Bridge

Bridge (1 vehicular transit lane, 1 parking on street)



Road Diet on Cap Cross Streets

Cap (1 vehicular transit lane, 1 parking on street)



Parking

100+ on street parking spaces are feasible when reducing North Adams and North Jackson to single transit lanes. On street parking also serves as a traffic calming tool.

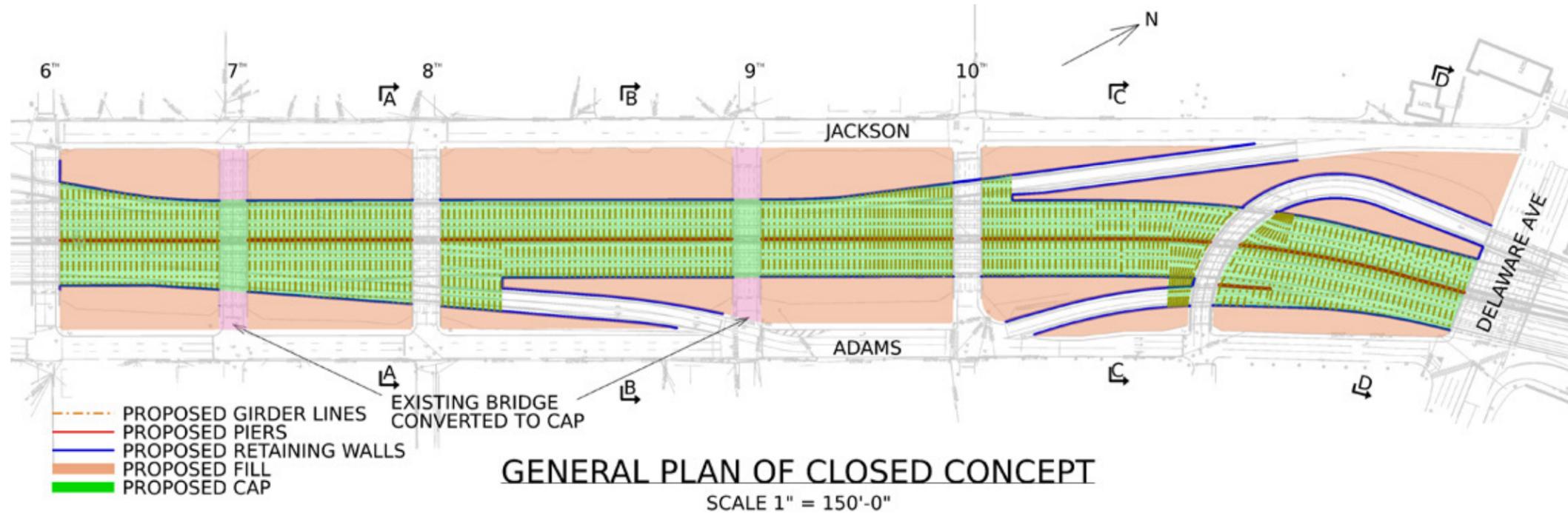


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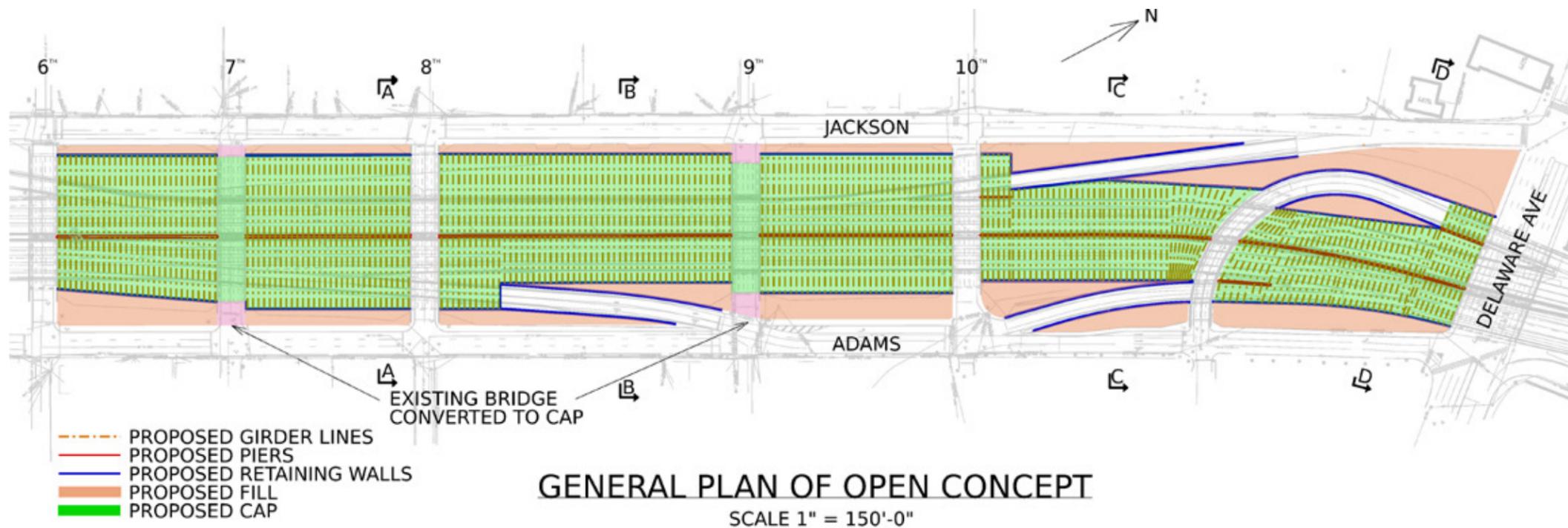
I-95 FEASIBILITY STUDY
Structural

Cap Structural Considerations

CLOSED

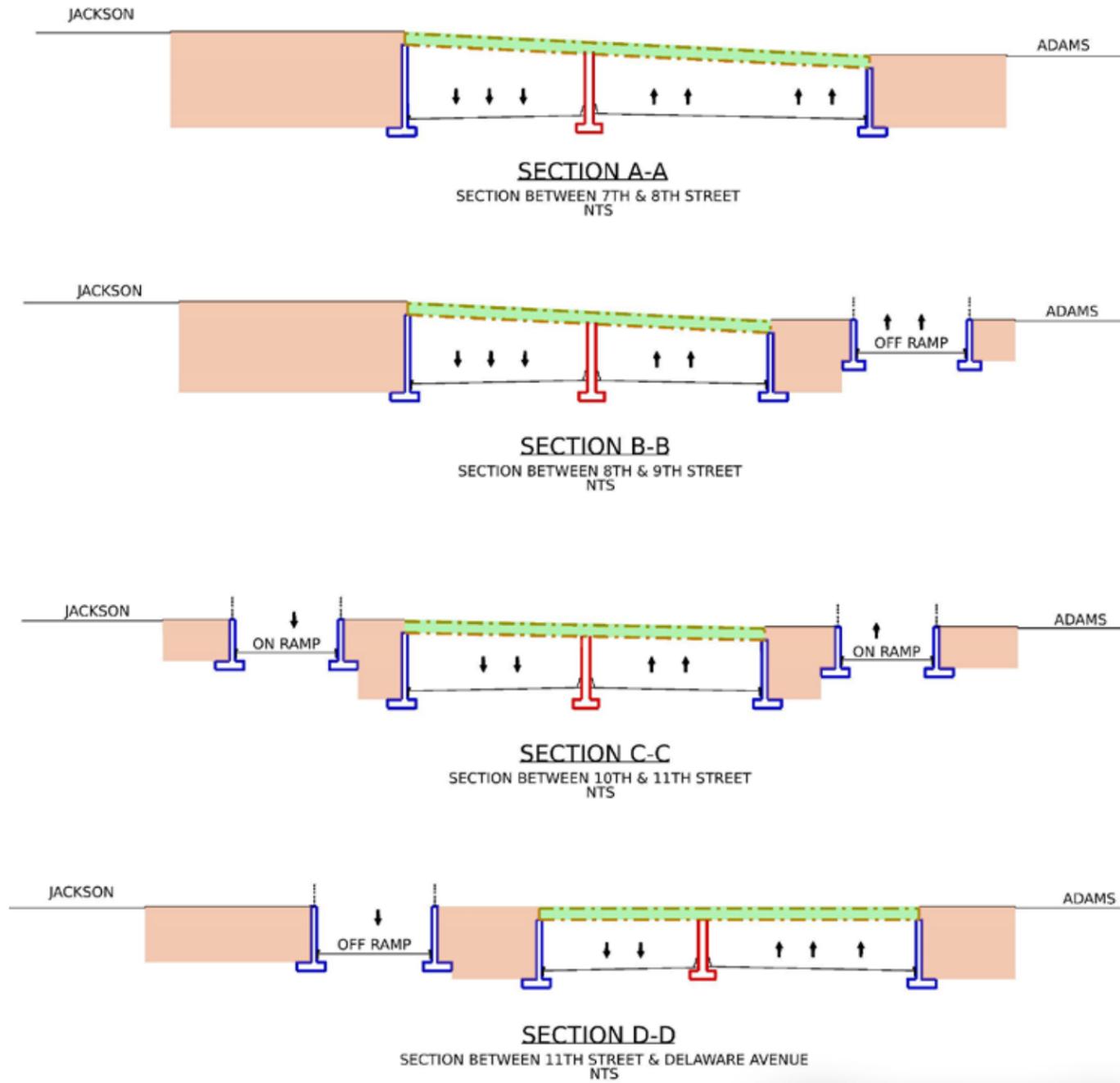


OPEN

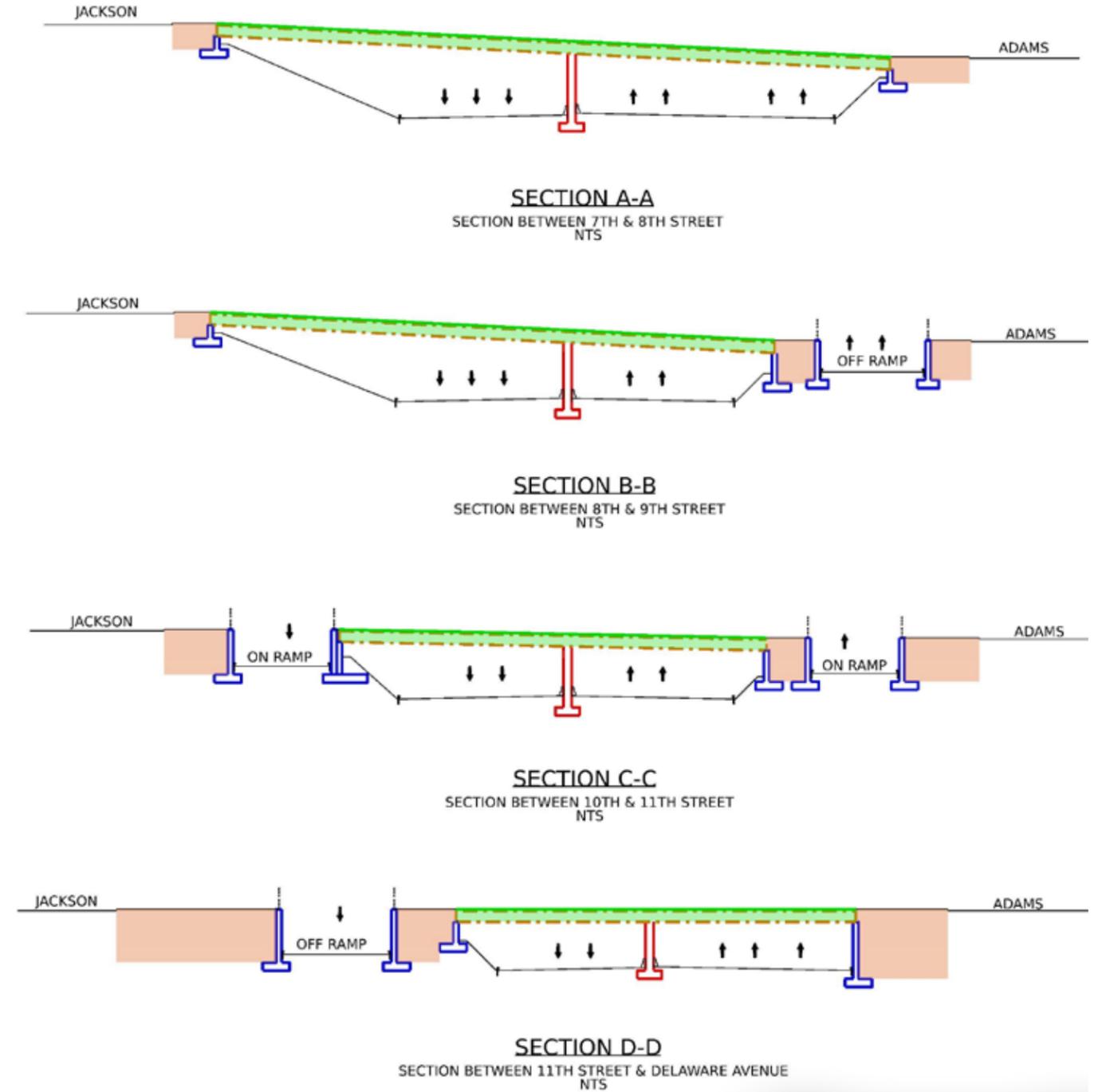


Cap Structural Considerations

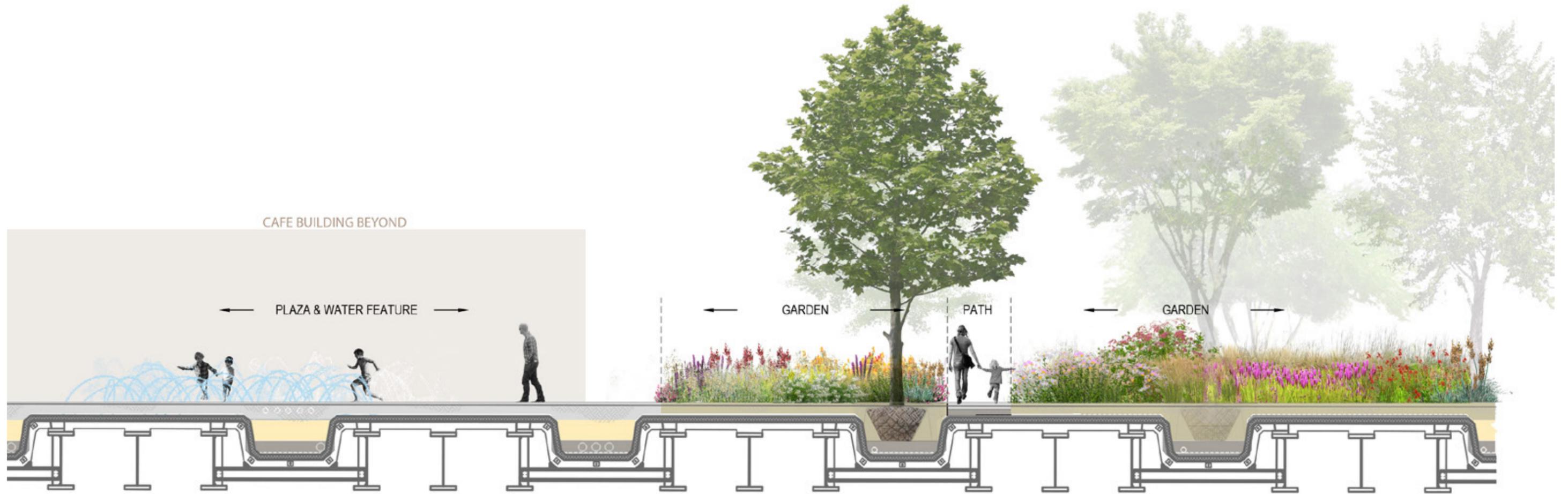
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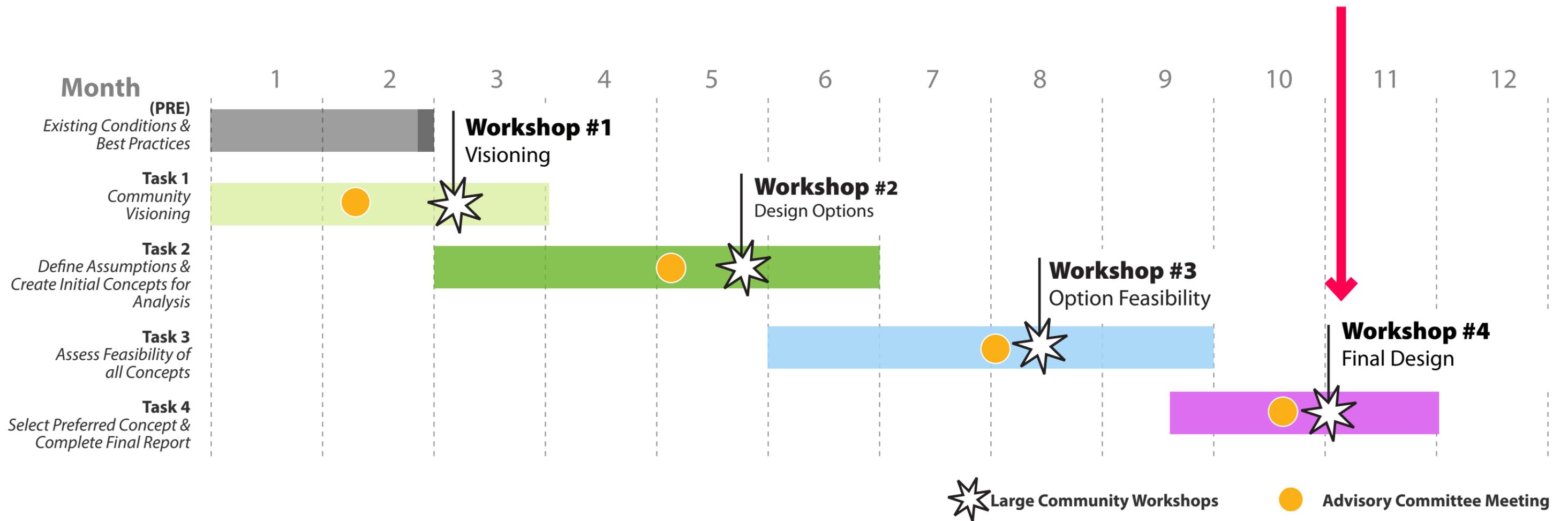
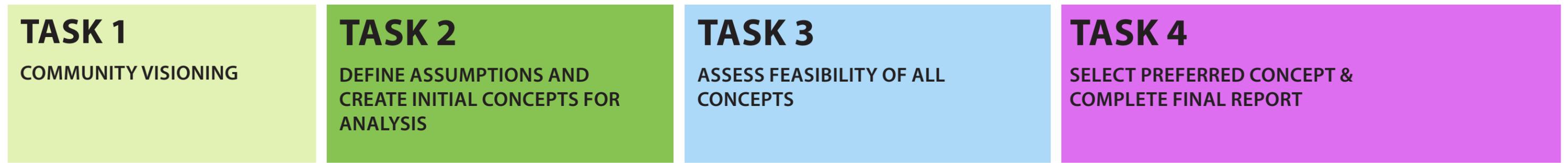
OPEN



Cap Structural Considerations



Feasibility Study Timeline



NEXT STEPS FOR THE FEASIBILITY STUDY

- Complete DRAFT Final Report
- Present to WILMAPCO Public Advisory Committee (PAC) – *December 12*
- Add DRAFT Final Report to WILMAPCO's I-95 Cap Webpage for Public Comment – *December 12/13*
- Present to WILMAPCO Technical Advisory Committee (TAC) for Review and Endorsement – *December 15*
- Present DRAFT Final Report to WILMAPCO Council for Review and Endorsement – *January 12, 2023*





Learn more about this work to date:

<http://www.wilmapco.org/i95cap/>

Questions or Comments? Please contact Dave Gula dgula@wilmapco.org

