

1 - Work Session Agenda

Documents:

[1 - WORK SESSION AGENDA.PDF](#)

2 - Augusta Street Traffic And Pedestrian Safety Improvements Study

Documents:

[2 - AUGUSTA STREET TRAFFIC AND PEDESTRIAN SAFETY IMPROVEMENTS STUDY.PDF](#)

3 - Cultural Corridor Project Update

Documents:

[3 - CULTURAL CORRIDOR PROJECT UPDATE.PDF](#)

4 - Corridor Façade Improvement Program

Documents:

[4 - CORRIDOR FACADE IMPROVEMENT PROGRAM.PDF](#)



CITY COUNCIL OF THE CITY OF GREENVILLE WORK SESSION MEETING

Monday, January 24, 2022 - 4:00 p.m.

Meeting Location:
Greenville Convention Center, 1 Exposition Drive

The city of Greenville seeks input from citizens while adhering to public health and safety guidelines. All attendees at the location may be subject to a temperature screening. Masks are currently required in all city buildings and at city meetings, regardless of vaccination status.

Citizens may access the meeting at the following web address:
<https://www.greenvillesc.gov/1694/Online-Meetings>

CITY COUNCIL: Mayor Knox White; Councilmember Wil Brasington; Councilmember John DeWorken, Councilmember Dorothy Dowe, Councilmember Lillian Flemming; Councilmember Ken Gibson; Councilmember Russell Stall

CITY STAFF: City Manager John McDonough; Interim City Attorney Leigh Paoletti; City Clerk Camilla G. Pitman

AGENDA

- | | | |
|-----------|--|------------------|
| 1. | Call to Order | 4:00 p.m. |
| 2. | Augusta Street Traffic and Pedestrian Safety Improvements Study
<i>(Presented by Public Works Director Clint Link)</i> | 4:00 p.m. |
| 3. | Cultural Corridor Project Update
<i>(Presented by Public Works Director Clint Link)</i> | 4:30 p.m. |
| 4. | Corridor Façade Improvement Program
<i>(Presented by Economic and Community Development Director Merle Johnson)</i> | 4:50 p.m. |
| 5. | Executive Session
<i>NOTE: City Council will leave the Work Session to conduct an Executive Session which is not open to the public. The Work Session meeting will adjourn following the completion of the Executive Session. No action will be taken prior to adjourning the meeting.</i> | 5:05 p.m. |
| | a. Disposition of City Property | |
| 6. | Adjourn | 5:20 p.m. |



Augusta Street Traffic & Pedestrian Safety Improvements Study

Project Update

January 24, 2022





AGENDA



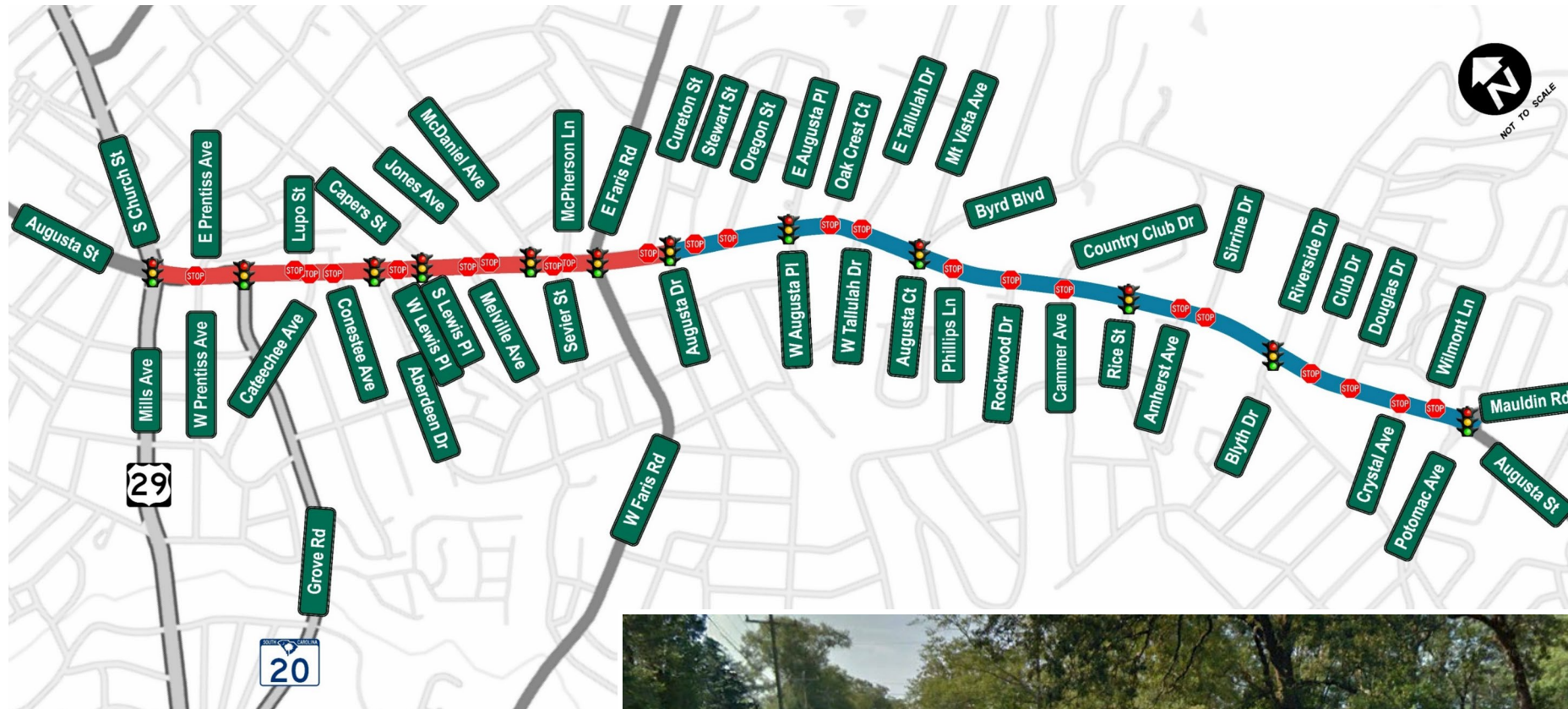
2



- ☐ Project Recap
- ☐ Road Diet (Phase 1) Overview
- ☐ Post Construction Analysis
- ☐ Public Communications Plan
- ☐ Implementation Schedule

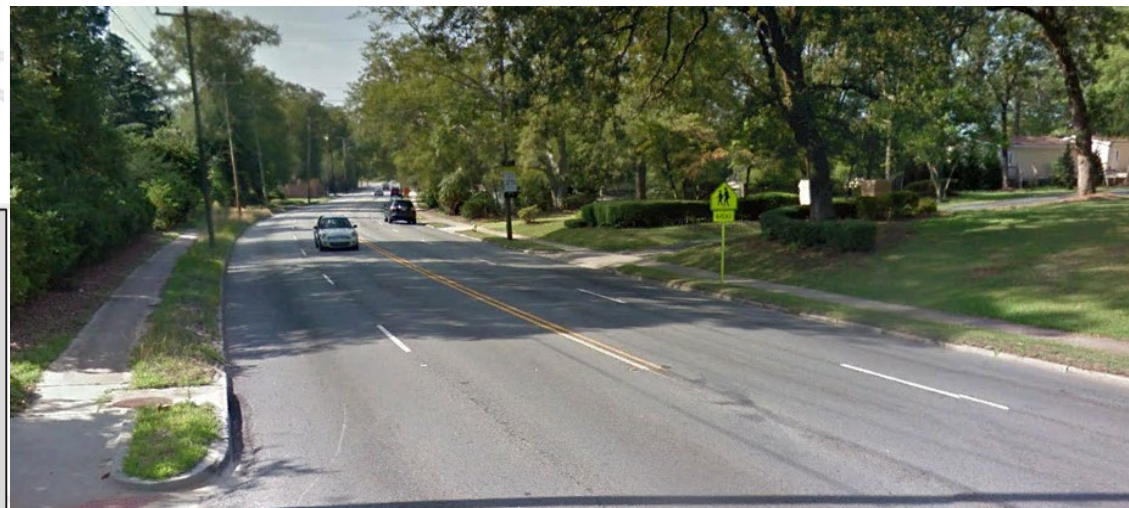


CORRIDOR OVERVIEW



LEGEND

- Augusta Street Study Corridor (**Commercial** Section)
- Augusta Street Study Corridor (**Residential** Section)
- Study Area Signalized Intersection
- Study Area Stop-Controlled Intersection



Typical Section

4-Lane Undivided/5-Lane Divided in Commercial Section

4-Lane Undivided in Residential Section

Length

Approximately 2.3 Miles.

AADT (2019)

19,300 vpd in Commercial Section

22,600 vpd in Residential Section

Functional Classification

Urban Minor Arterial

Speed Limit

30 mph in Commercial Section

35 mph in Residential Section



2021

JUN

JUL

AUG

SEP

OCT

NOV

DEC

 Public Involvement Meeting #1

Public Involvement Summary

Public Meeting #1:

- ✓ Road Diet, Roundabouts, and Roadway Improvements were most common safety suggestions identified by the public.

Public Meeting #2:

- ✓ Presented with traffic analysis and crash analysis findings and received comments.

Public Meeting #3:

- ✓ Presented with findings of five alternative roadway improvements, indicating road diet in residential section as feasible alternative, and received comments.

Road Safety Audit

Technical Report

Urban Design Analysis

Technical Report

 Public Involvement Meeting #2

Traffic Capacity Analysis

Technical Report

Highway Safety Analysis

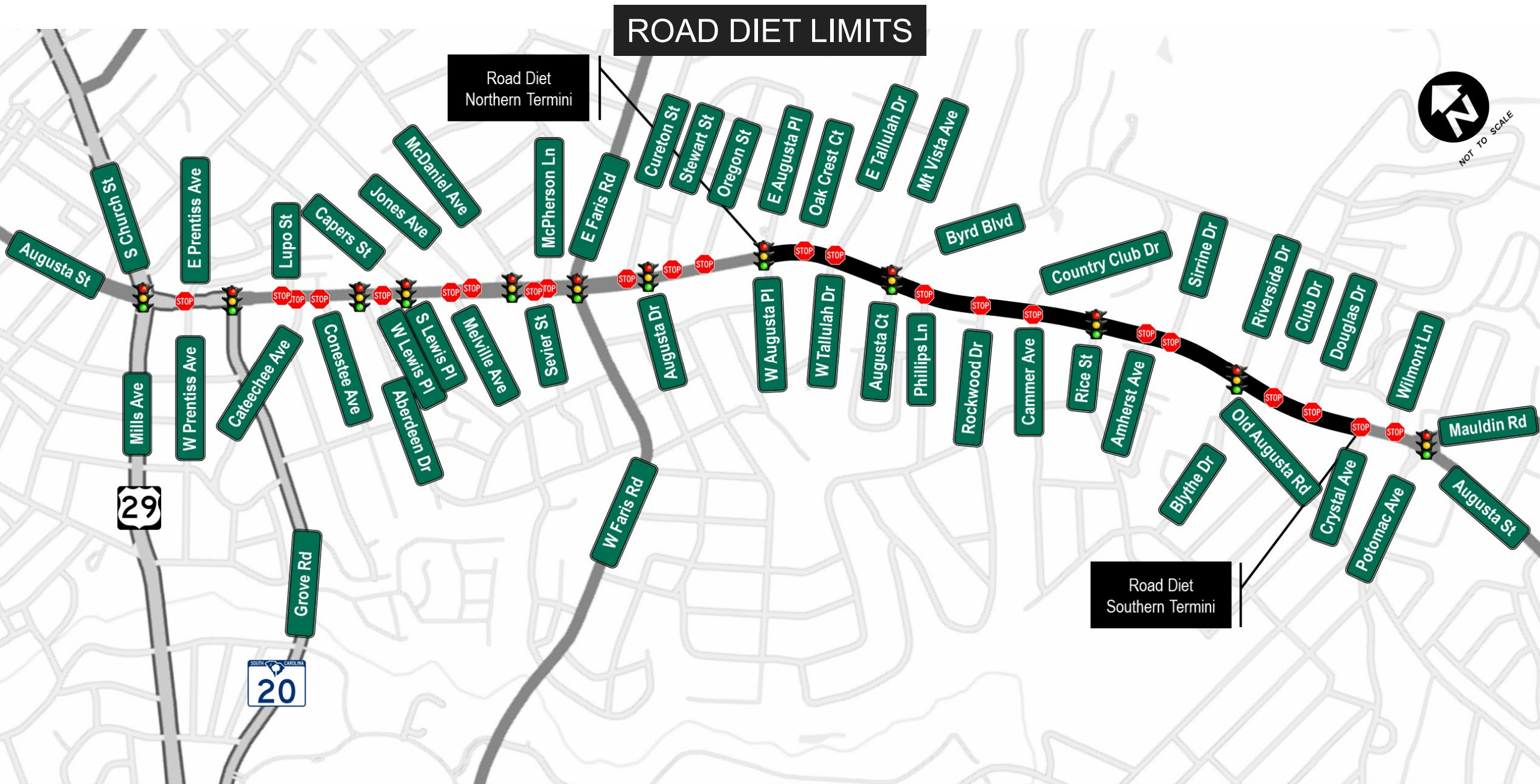
Technical Memo

 Public Involvement Meeting #3

 **Road Diet Identified as Improvement Strategy**

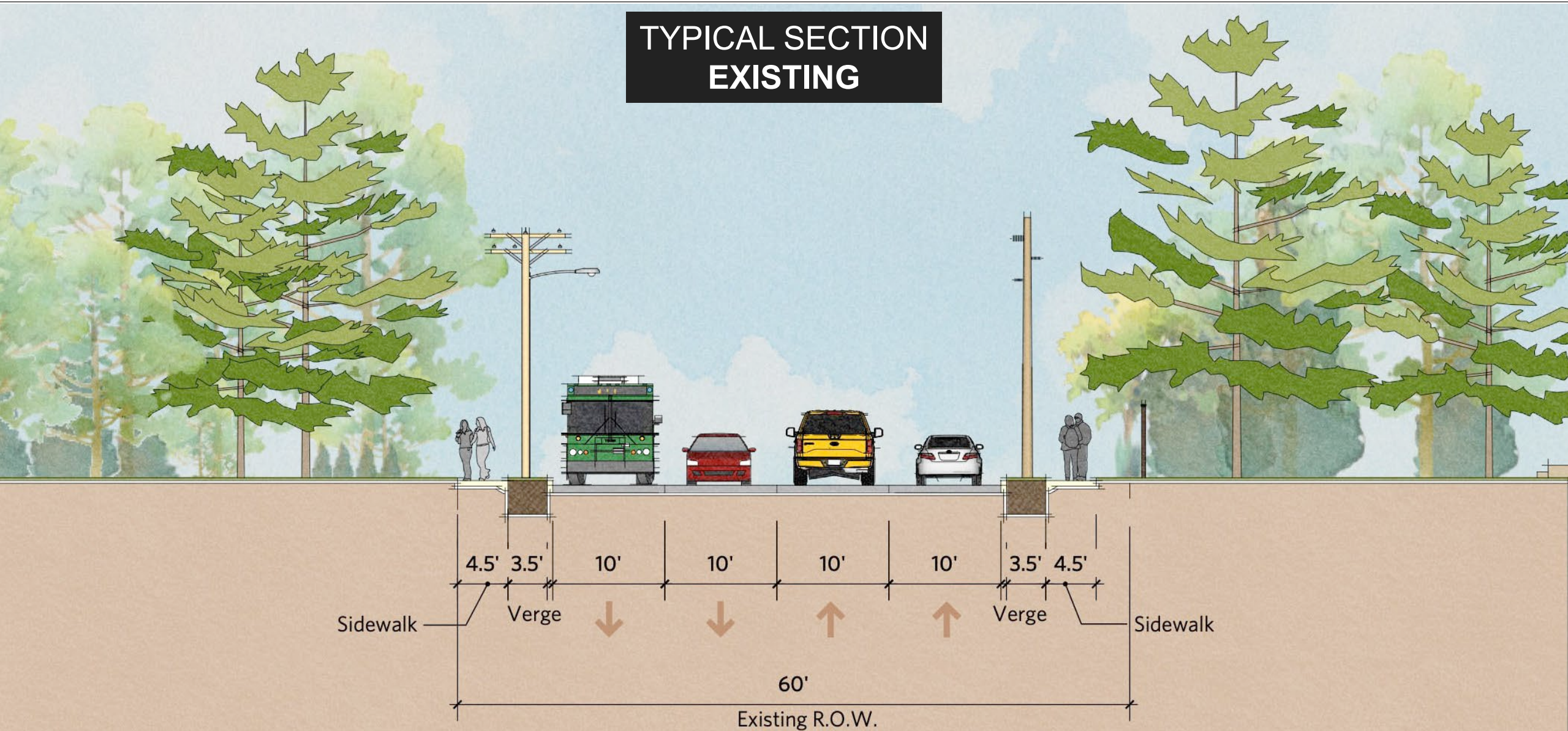


ROAD DIET – PHASE 1



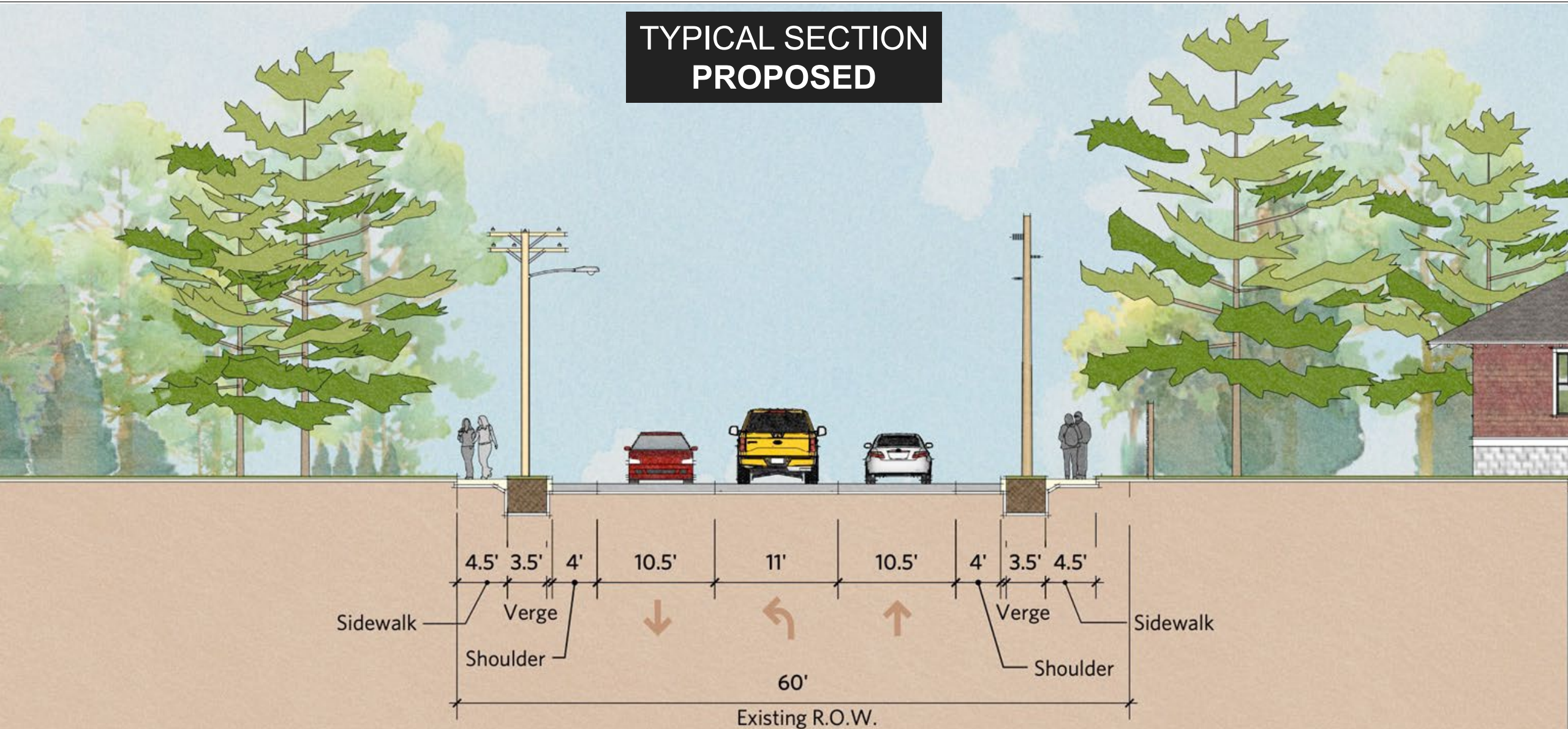


TYPICAL SECTION EXISTING





TYPICAL SECTION PROPOSED

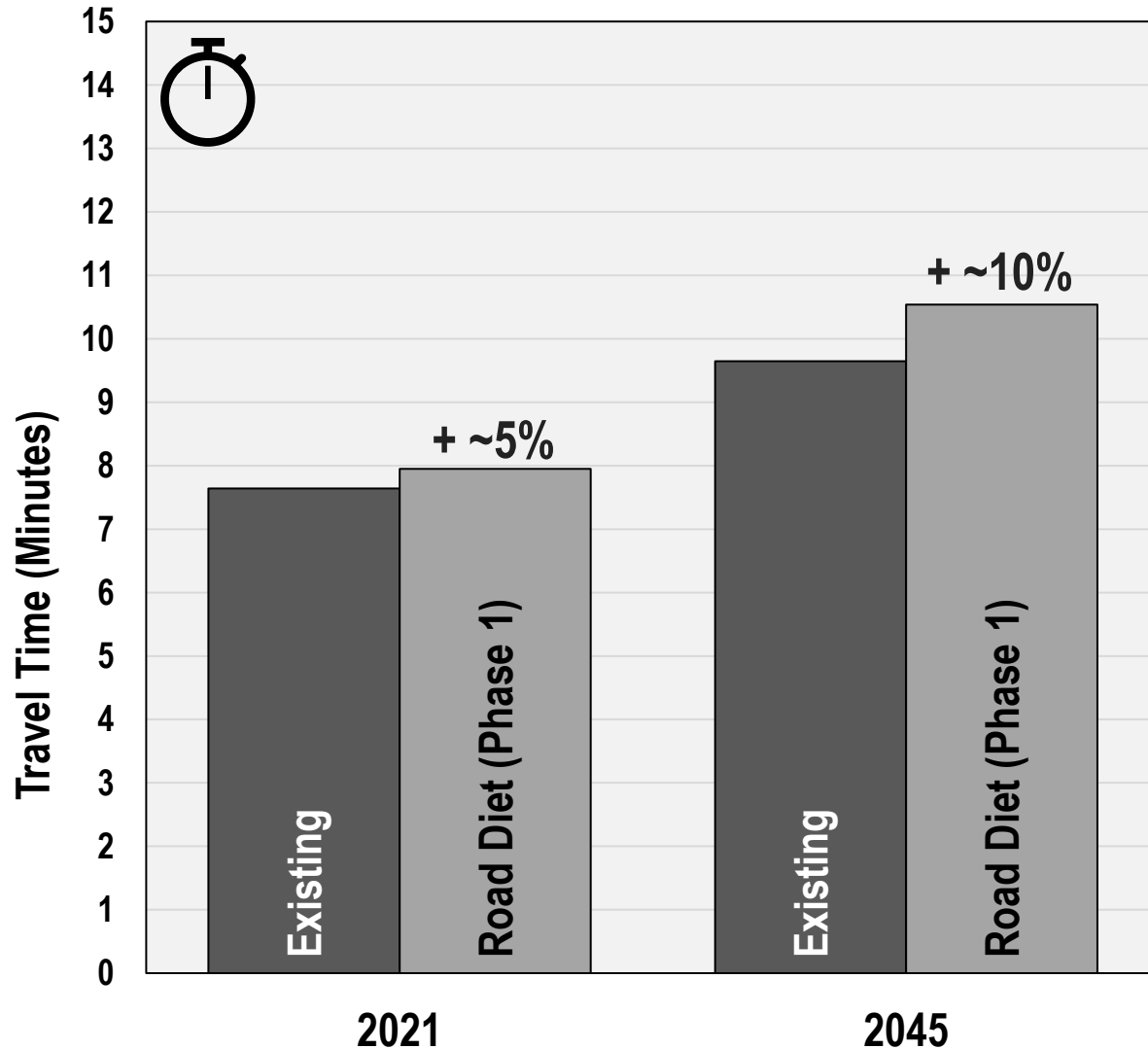




ROAD DIET – PHASE 1

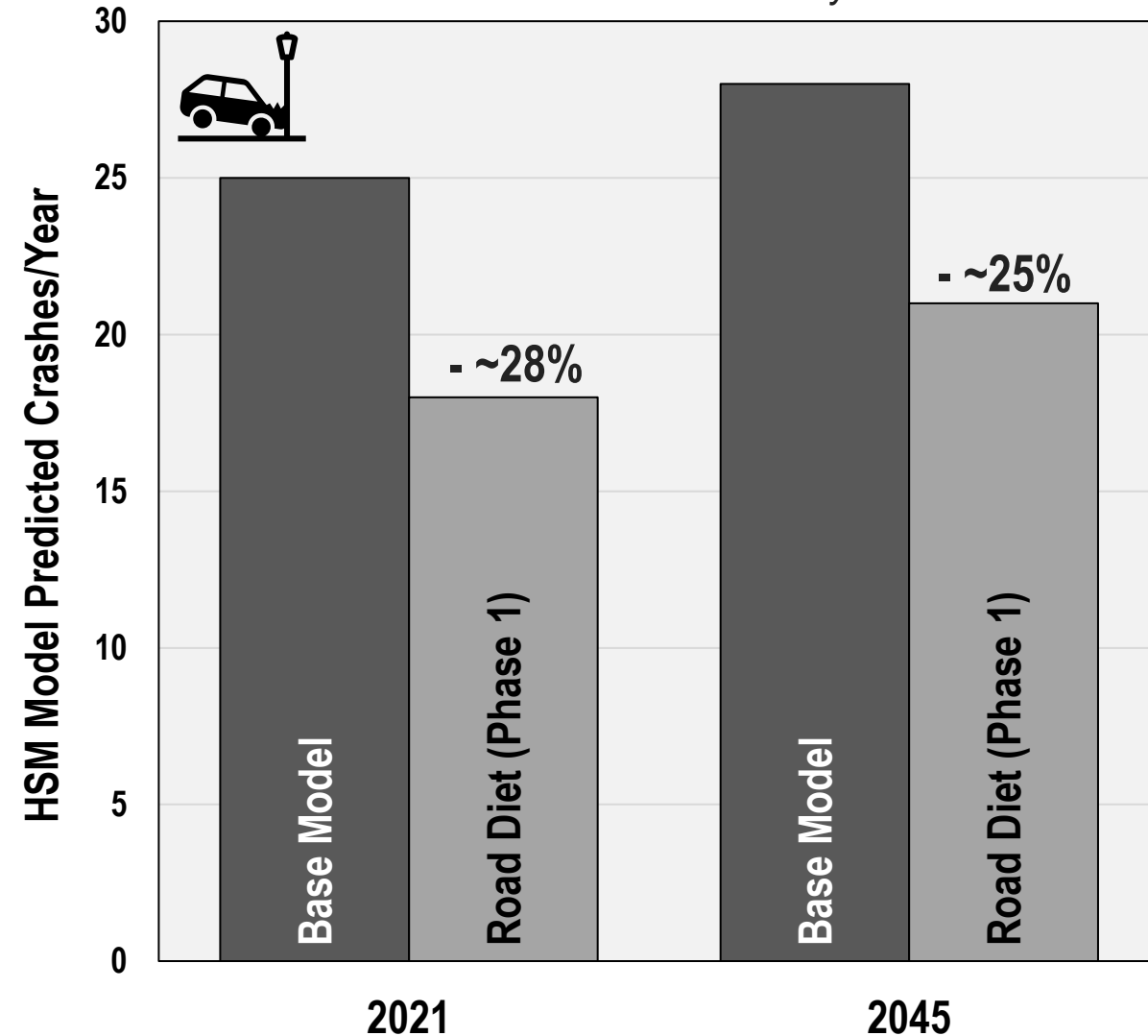
TRANSMODELER TRAFFIC MODEL PROJECTED TRAVEL TIME

Entire 2.3-Mile Corridor



HIGHWAY SAFETY MANUAL (HSM) PREDICTED CRASH RATES

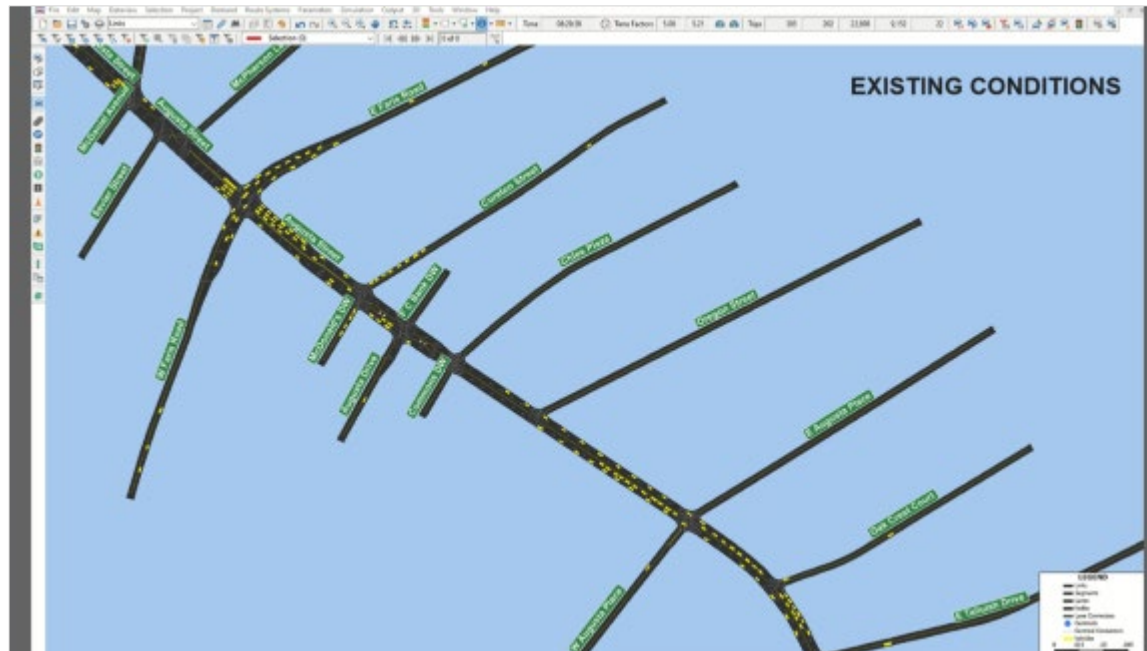
Residential Section Only



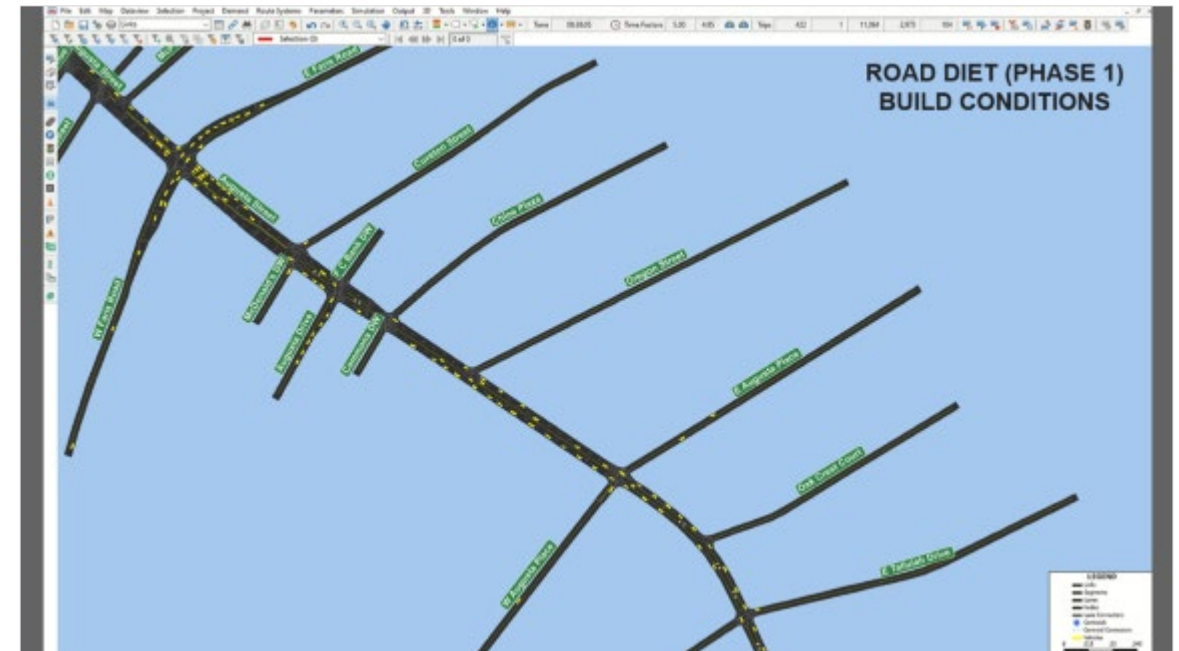


TRANSMODELER COMPARISON

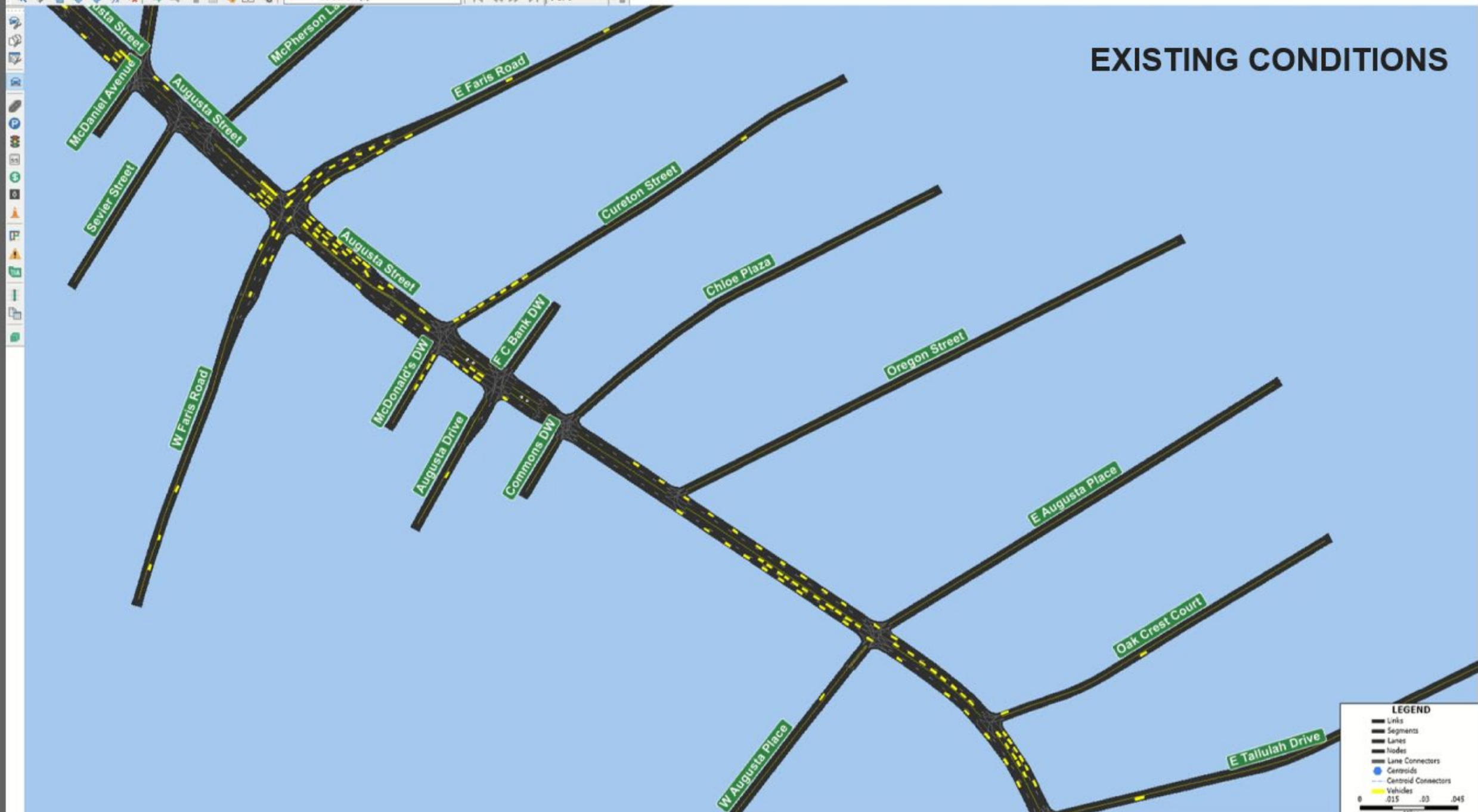
EXISTING CONDITIONS



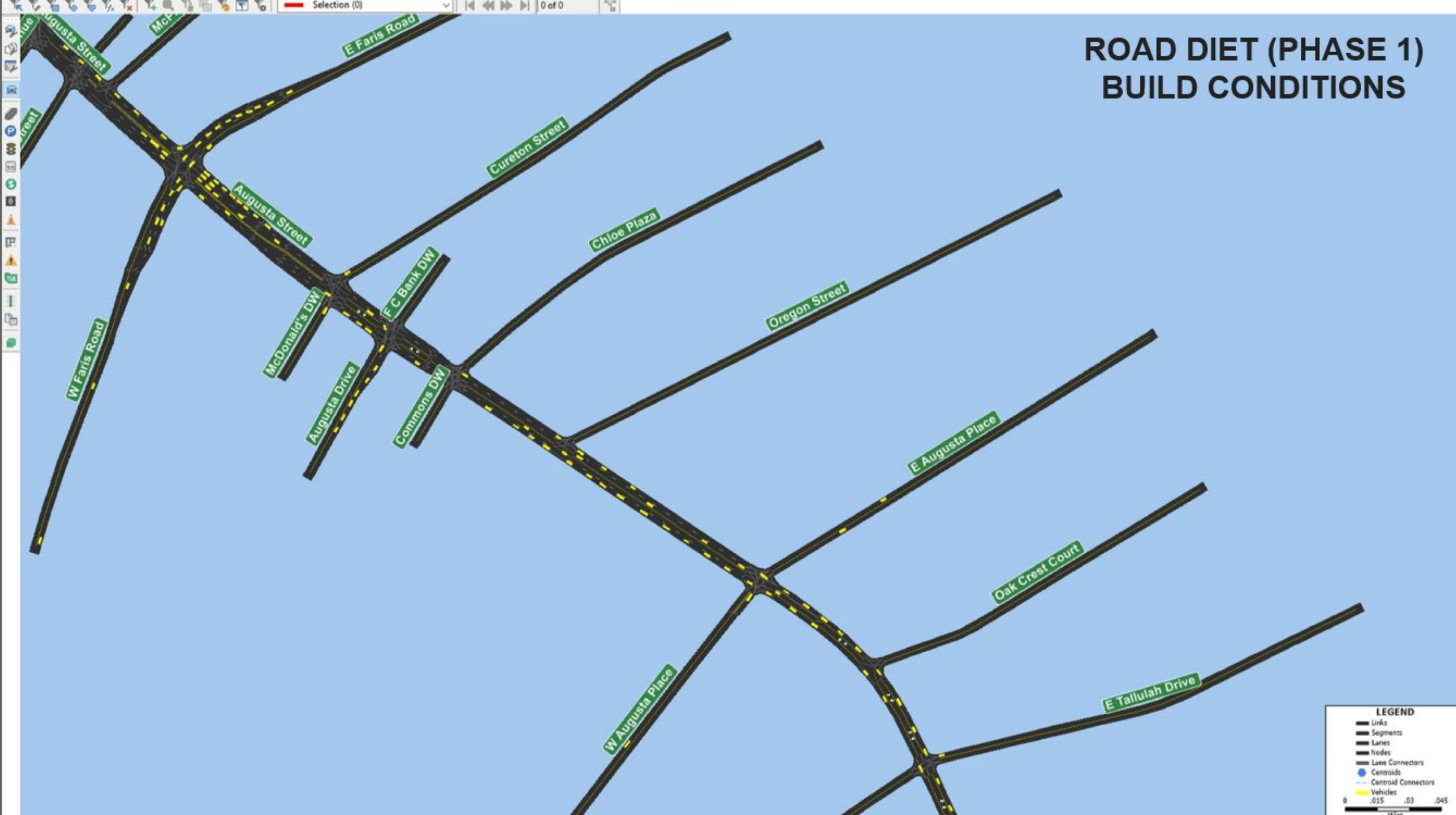
ROAD DIET (PHASE 1) BUILD CONDITIONS



EXISTING CONDITIONS



ROAD DIET (PHASE 1) BUILD CONDITIONS





☐ **Traffic Counts**

- ✓ Intersection Turning Movement Counts at intersections between Faris Road and Mauldin Road.
- ✓ 48-hour Daily Traffic Counts at two (2) locations along the corridor.

☐ **Observations**

- ✓ AM and PM Peak Period Observations

☐ **Speed/Travel Time Study**

- ✓ Conduct Speed Study and compare to previous analysis
- ✓ Perform before/after travel time studies

☐ **Origin/Destination Study**

- ✓ Evaluate updated origin/destination and travel paths post road diet



Completed

- ✓ Web page update
- ✓ Project update sent to neighborhood presidents

In Progress

- ✓ Design of project signage

Upcoming

- ✓ Construction start date announcement on social media/web front page
- ✓ Progress reports included in WIR
- ✓ Video content
- ✓ Pitch/interviews with local media



IMPLEMENTATION SCHEDULE

2022

JAN

FEB

MAR

APR

MAY

JUN

JUL

AUG

Public Communications Plan

Council Workshop Presentation

SCDOT Permit Approval

Road Diet Implementation

Traffic Counts

**At least one month after implementation*

Post Construction Analysis

Summary of Findings



QUESTIONS?

Cultural Corridor Public Meeting



January 25, 2022



Welcome

Clint Link, P.E.
City of Greenville, Director of Public Works

Cultural Corridor Plan Objectives

1. Revitalize economic growth along the corridor
2. Encourage drivers to utilize Academy Street as a “downtown bypass”
3. Provide and enhance pedestrian and bicycle mobility and safety between Main Street and Heritage Green
4. Implement recommendations from the Downtown Master Plan and Downtown Transportation Master Plan

Project Area Map



Project Begins at Main Street



Project Ends at Heritage Green

Existing Corridor



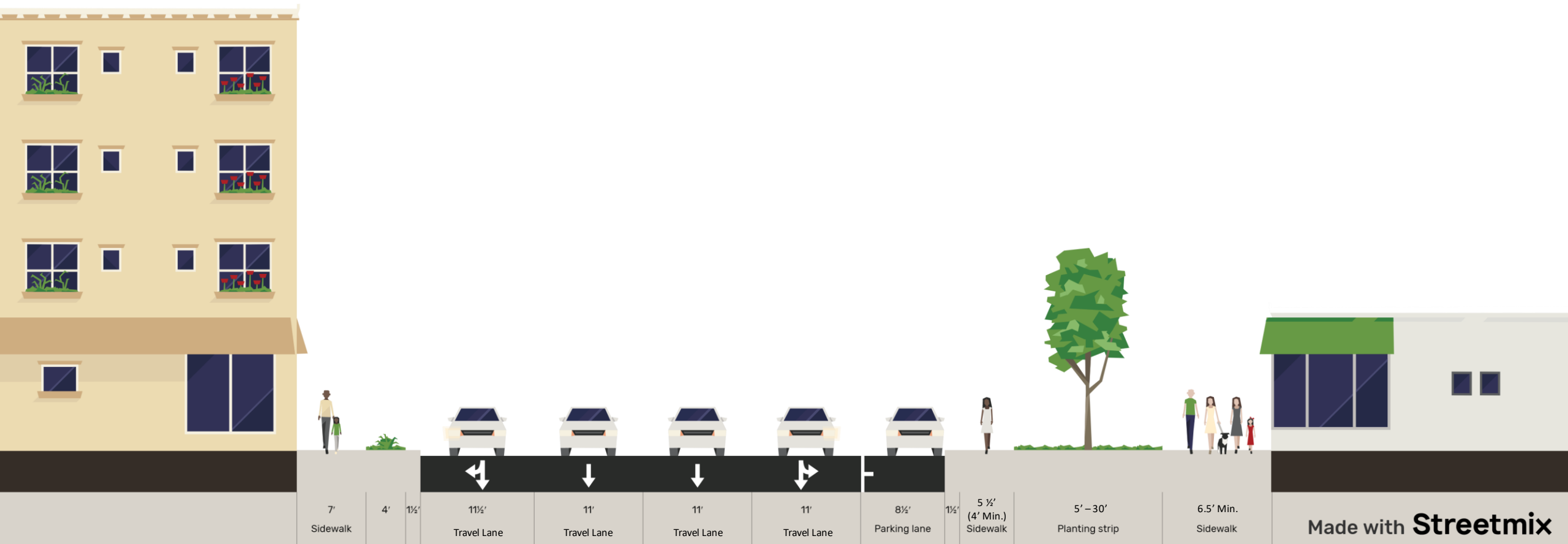
**Looking West on College
Street at Richardson Street**



**Looking East on College
Street from Academy Street**

Cultural Corridor Proposed Improvements

Existing Sectional View: Main St. to Townes/Richardson Street

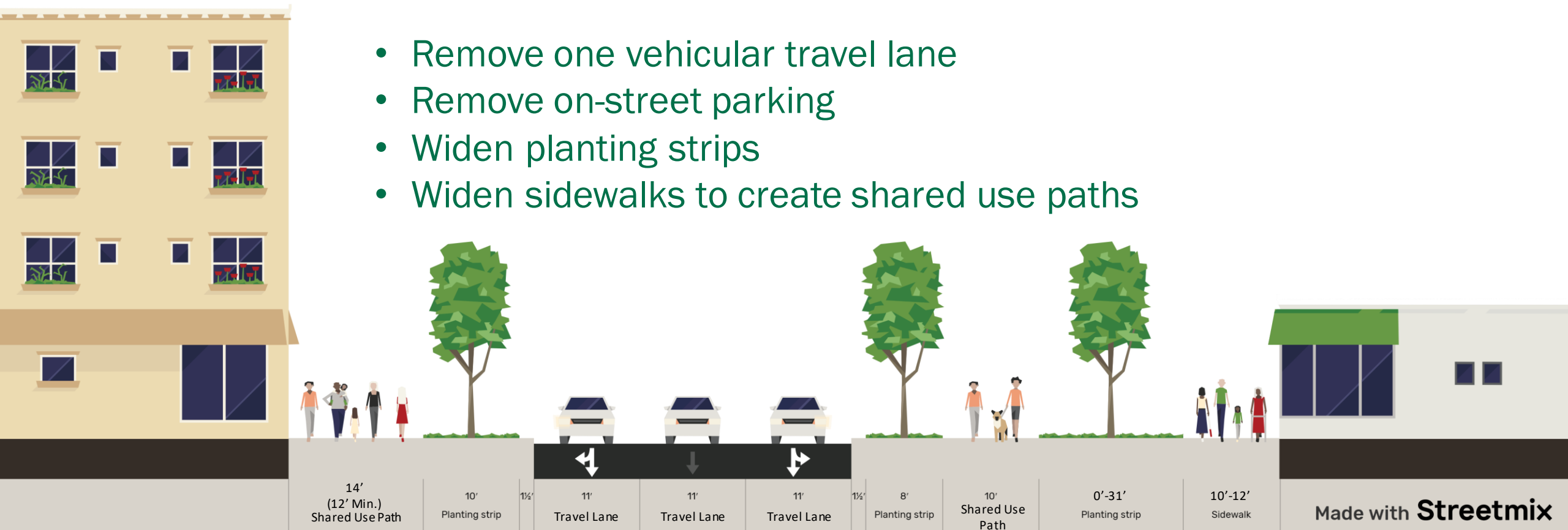


* A 1 ½' width is shown to illustrate the total space for the curb and gutter

Made with **Streetmix**

Proposed Sectional View: Main St. to Townes/Richardson Street

- Remove one vehicular travel lane
- Remove on-street parking
- Widen planting strips
- Widen sidewalks to create shared use paths



* A 1 1/2' width is shown to illustrate the total space for the curb and gutter

Plan View Main St. to Townes/Richardson St.



**CONCEPTUAL PLANS
NOT FOR
CONSTRUCTION**

PRIME CONSULTANT:



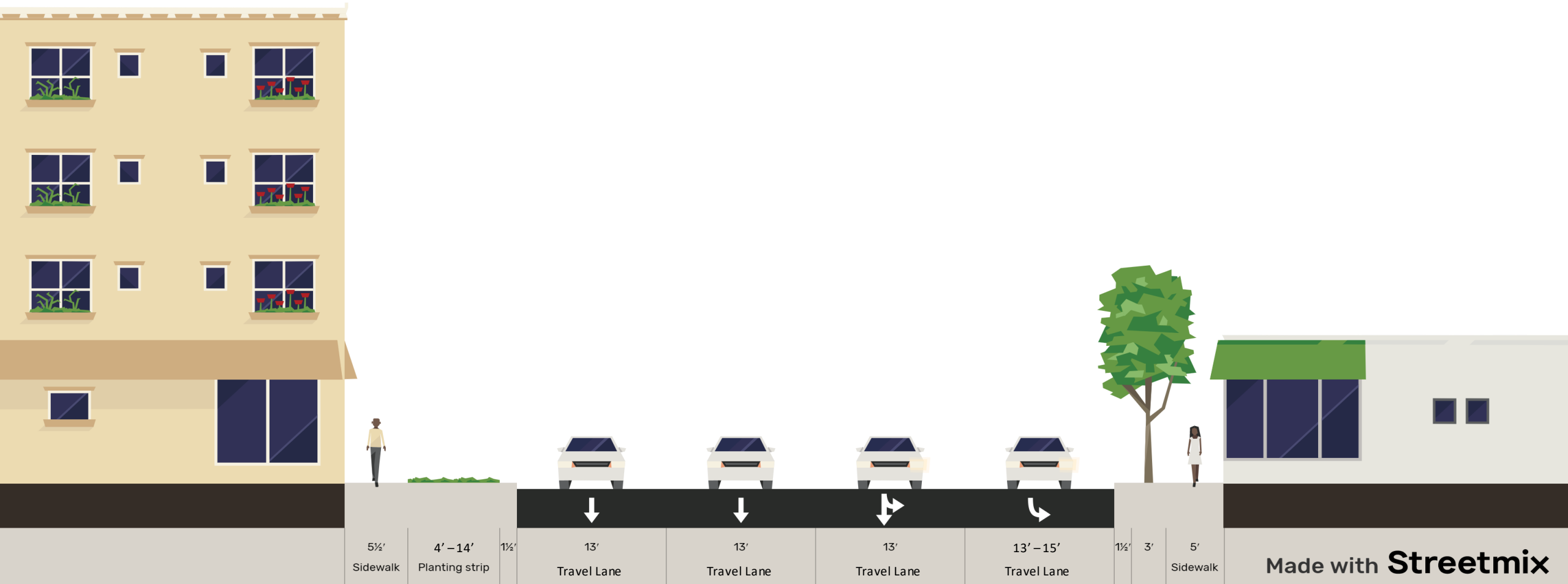
15 South Main Street
Suite 601
Greenville, SC 29601

**City of Greenville
Public Works Department
Engineering Division**

**Cultural Corridor Improvements
Conceptual Plan
Main St to Townes/Richardson St**

Aerial Photography:
City of Greenville
2021 Project Photography

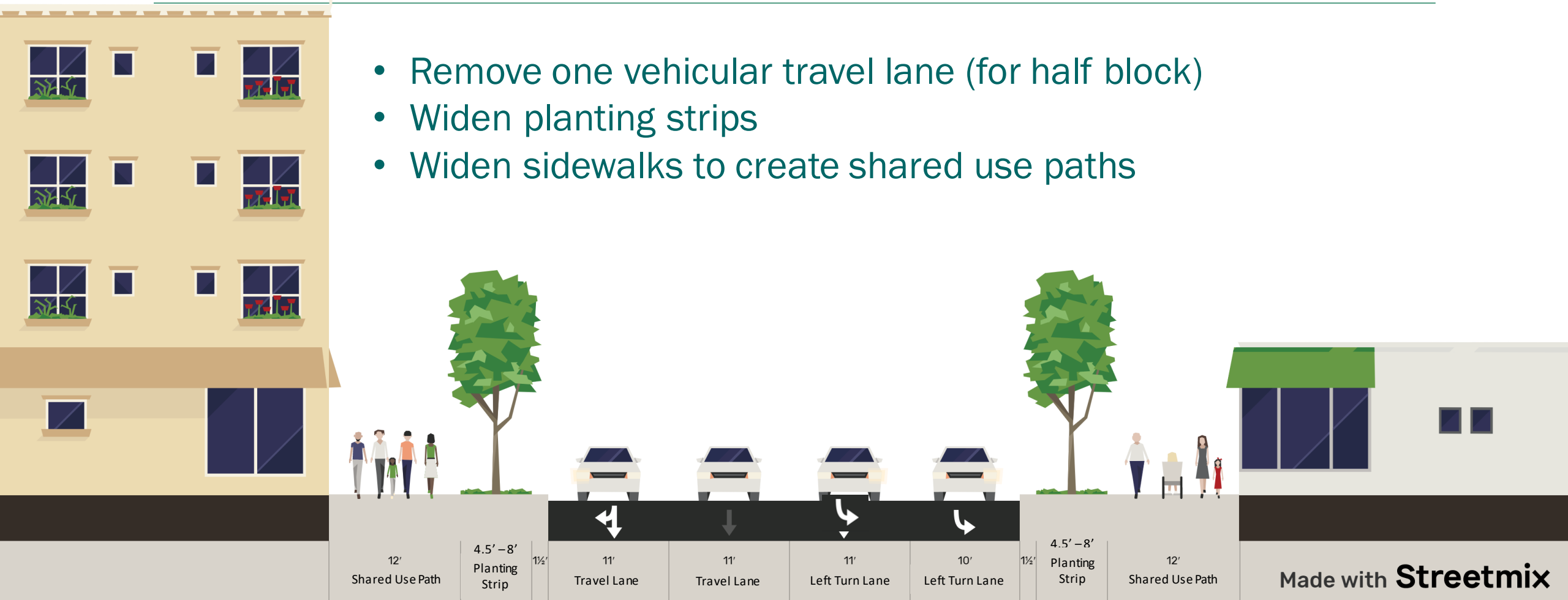
Existing Sectional View: Townes/Richardson St. to N Academy St.



* A 1 ½' width is shown to illustrate the total space for the curb and gutter

Proposed Sectional View: Townes/Richardson St. to N. Academy St.

- Remove one vehicular travel lane (for half block)
- Widen planting strips
- Widen sidewalks to create shared use paths



Made with **Streetmix**

* A 1 ½' width is shown to illustrate the total space for the curb and gutter

Plan View Townes/Richardson St. to Academy St.



**CONCEPTUAL PLANS
NOT FOR
CONSTRUCTION**

PRIME CONSULTANT:



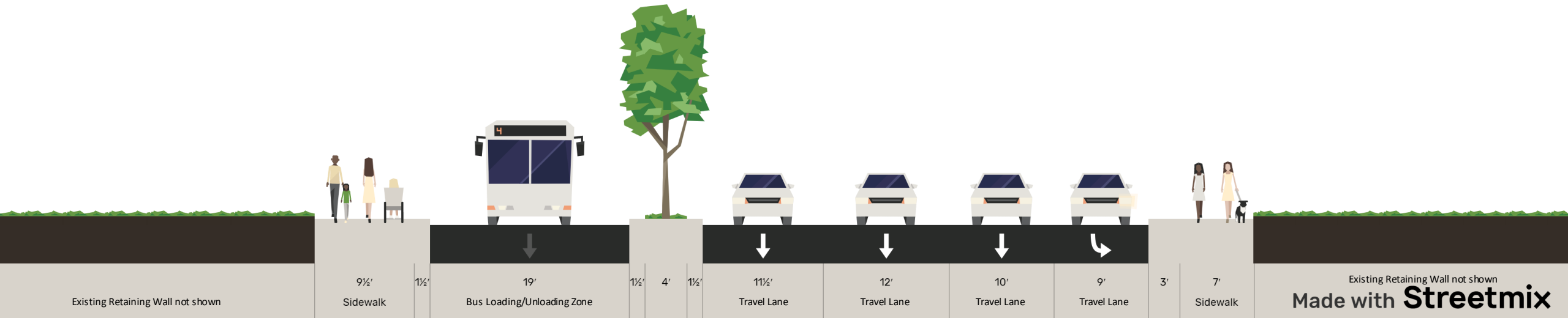
15 South Main Street
Suite 601
Greenville, SC 29601

**City of Greenville
Public Works Department
Engineering Division**

**Cultural Corridor Improvements
Conceptual Plan
Townes/Richardson St to Academy St**

Aerial Photography:
City of Greenville
2021 Project Photography

Existing Sectional View: N. Academy St. to Heritage Green Pl.

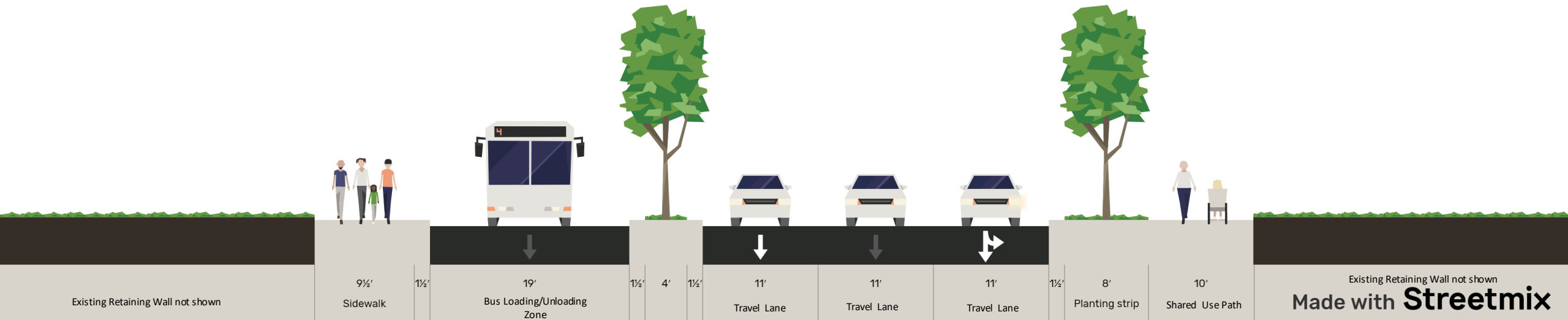


* A 1 1/2' width is shown to illustrate the total space for the curb and gutter

Existing Retaining Wall not shown
Made with **Streetmix**

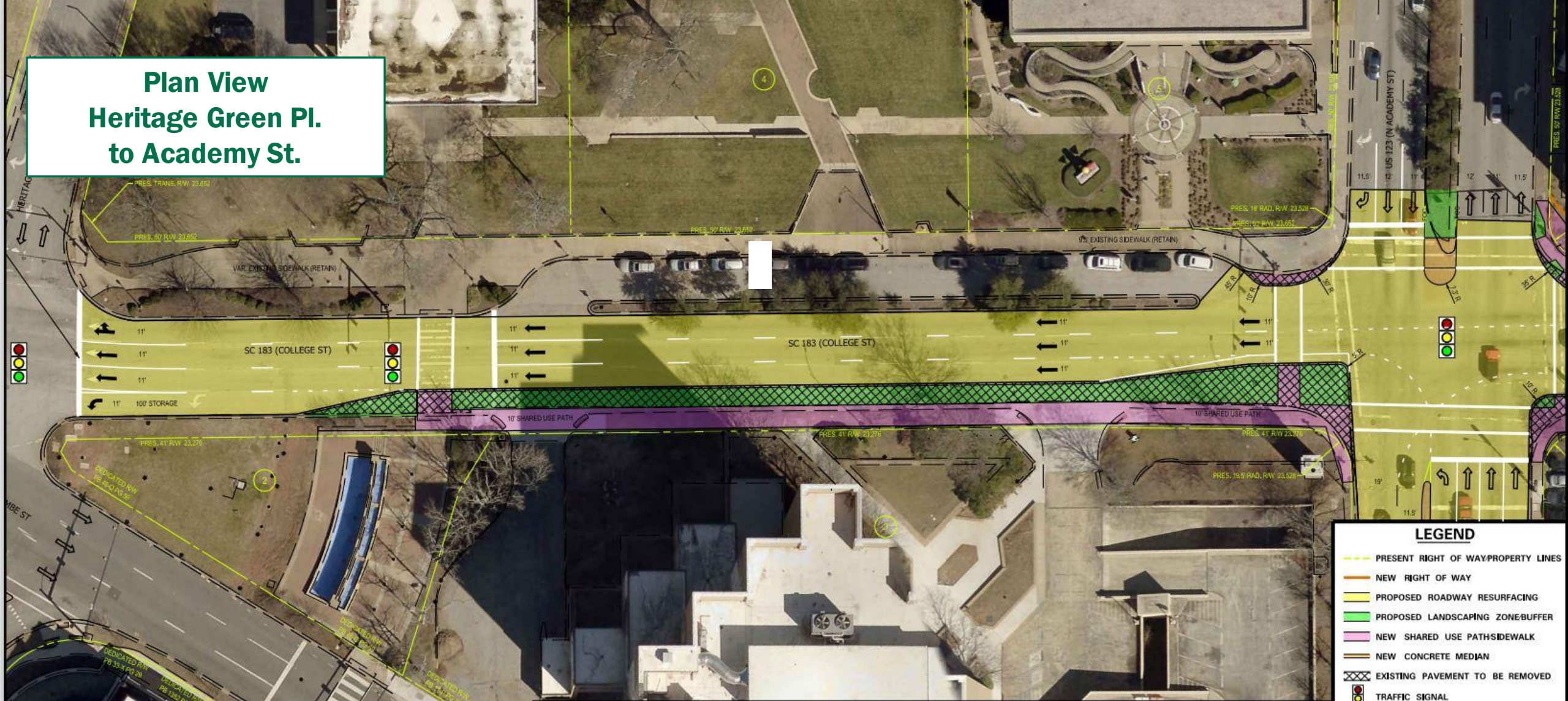
Proposed Sectional View: N. Academy St. to Heritage Green Pl.

- No changes in front of Heritage Green
- Remove one vehicular travel lane
- Widen planting strip (on right/south side only)
- Widen sidewalk to create shared-use path (on right/south side only)



* A 1 ½' width is shown to illustrate the total space for the curb and gutter

Plan View Heritage Green Pl. to Academy St.



**CONCEPTUAL PLANS
NOT FOR
CONSTRUCTION**

HCR

15 South Main Street
Suite 601
Greenville, SC 29601

**City of Greenville
Public Works Department
Engineering Division**

**Cultural Corridor Improvements
Conceptual Plan
Academy St to Heritage Green Pl**

LEGEND

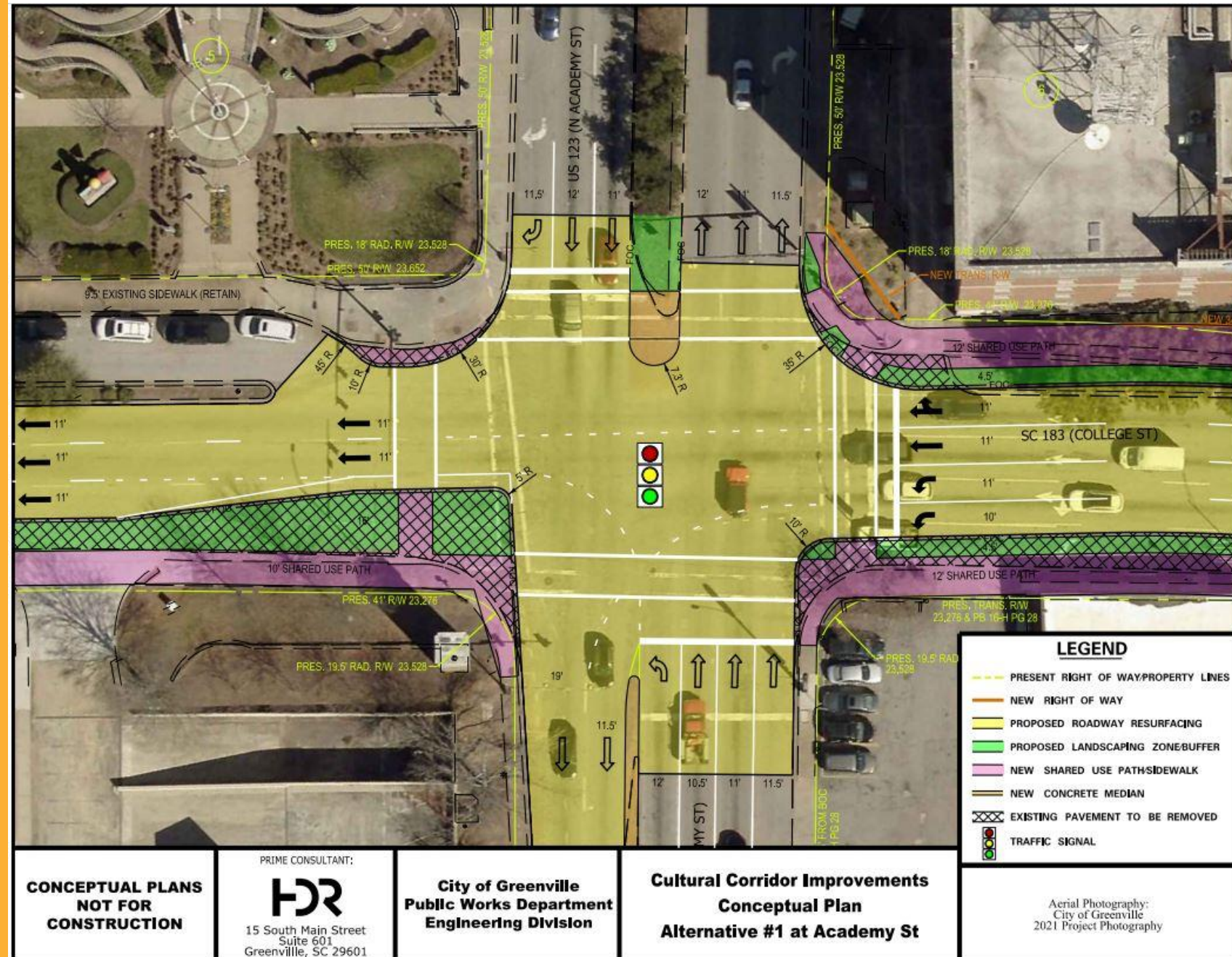
	PRESENT RIGHT OF WAY/PROPERTY LINES
	NEW RIGHT OF WAY
	PROPOSED ROADWAY RESURFACING
	PROPOSED LANDSCAPING ZONE/BUFFER
	NEW SHARED USE PATHSIDEWALK
	NEW CONCRETE MEDIAN
	EXISTING PAVEMENT TO BE REMOVED
	TRAFFIC SIGNAL

-  PRESENT RIGHT OF WAY/PROPERTY LINES
 NEW RIGHT OF WAY
 PROPOSED ROADWAY RESURFACING
 PROPOSED LANDSCAPING ZONE/BUFFER
 NEW SHARED USE PATHS/BIKEWALK
 NEW CONCRETE MEDIAN
 EXISTING PAVEMENT TO BE REMOVED
 TRAFFIC SIGNAL

Aerial Photography:
City of Greenville
2021 Project Photography

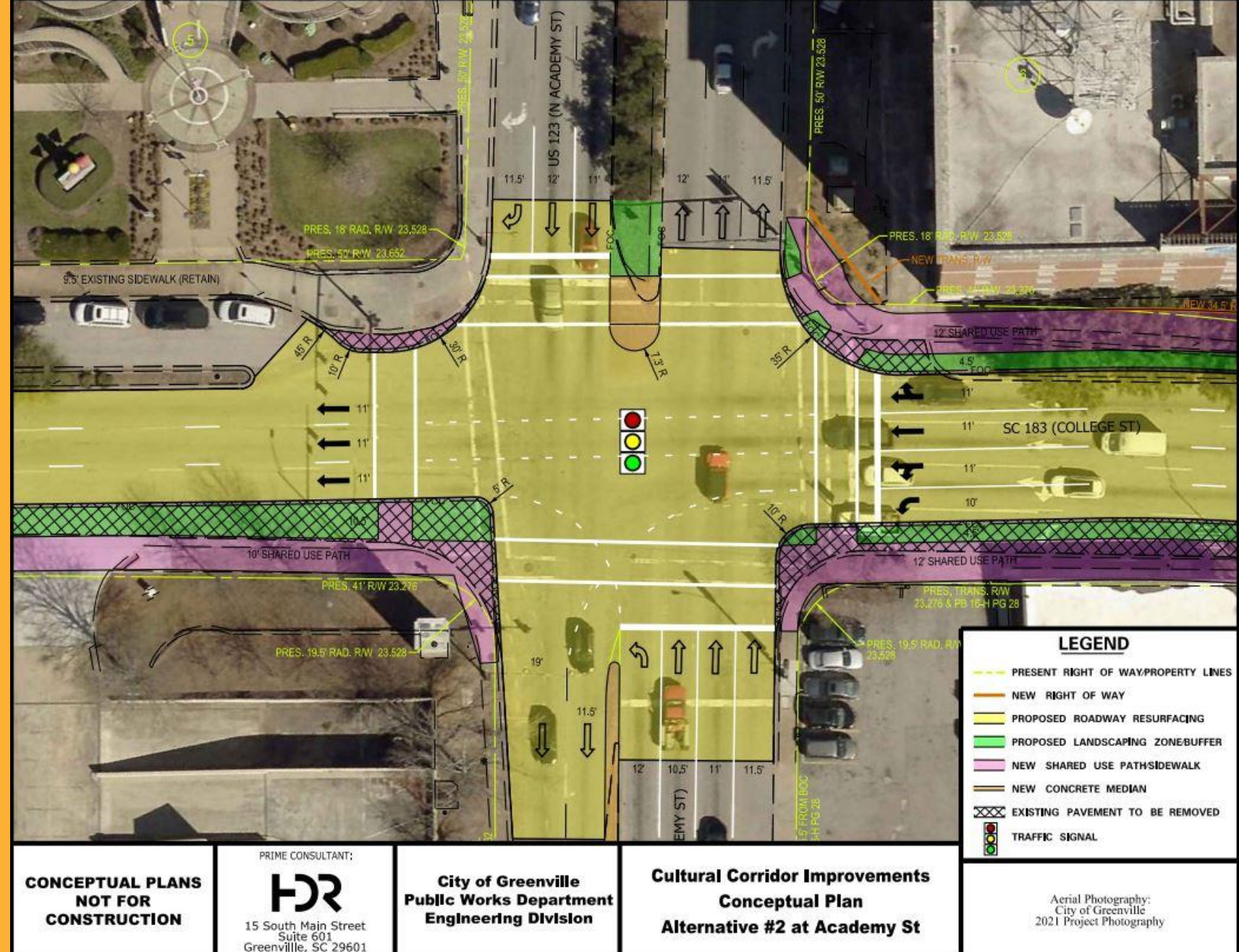
Alternative #1 College St at Academy St

- Left Turn Lanes: 2
- Through Lanes: 2
- Enhanced pedestrian and bicyclist safety
 - Shorter crossing distance of College St on west (left) leg
 - “Protected” crossing of Academy Street on south (lower) leg – no conflict w/turning traffic
- Increased westbound traffic queueing (compared to existing conditions)



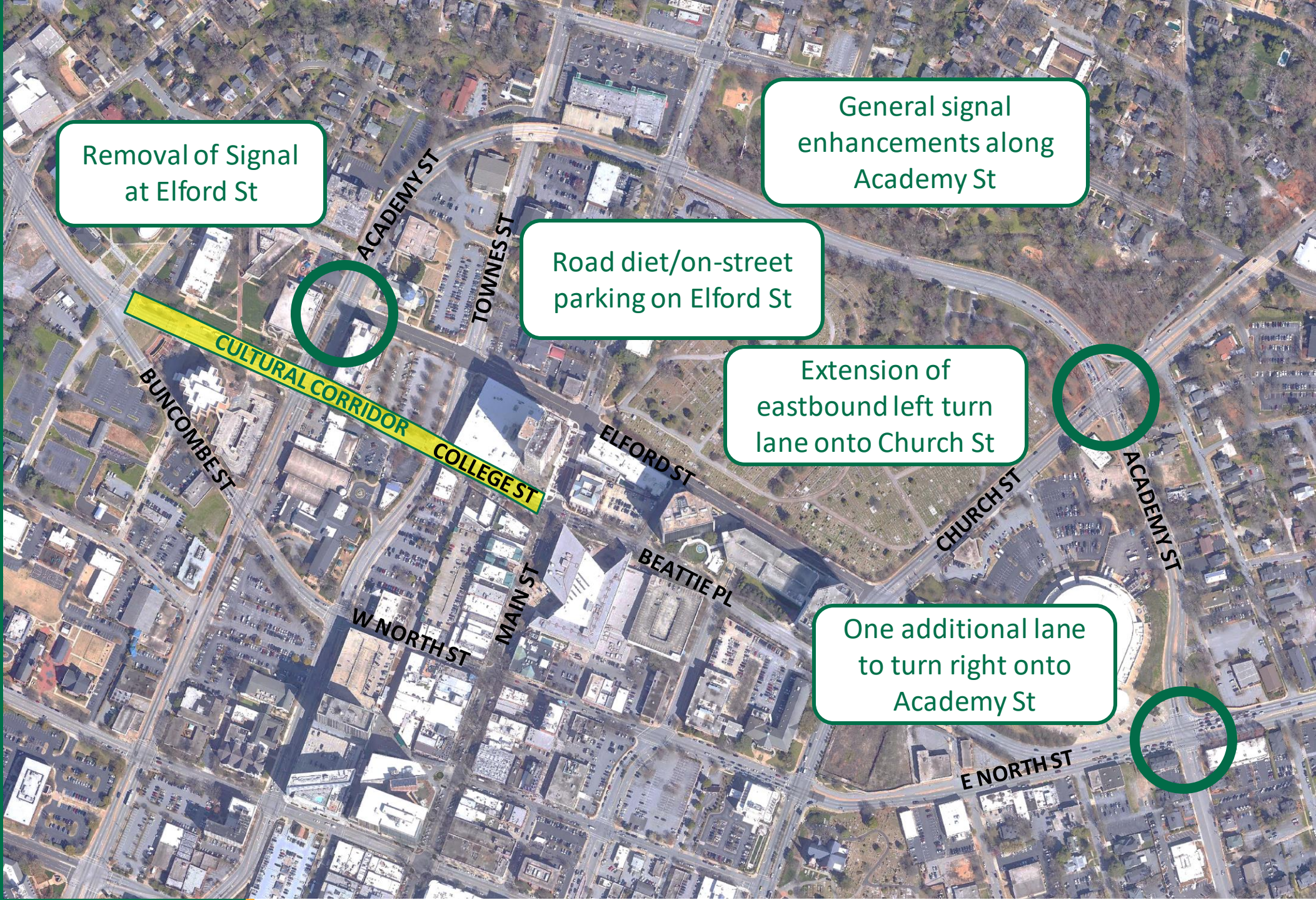
Alternative #2 College St at Academy St

- Left Turn Lanes: 1 exclusive, 1 shared
- Through Lanes: 3 (including 1 shared)
- Reduced pedestrian and bicyclist safety
 - Longer crossing distance of College St on west (left) leg
 - “Unprotected” crossing of Academy St on south – left turning vehicles must yield to peds and sight lines can be obscured with 2 cars turning together
 - Leading ped interval recommended
- Similar westbound traffic queuing (compared to existing conditions)



Academy Street “Downtown Bypass” Proposed Traffic Strategies





Removal of Signal
at Elford St

The map shows a city street grid with several streets labeled: ACADEMY ST, TOWNES ST, ELFORD ST, CHURCH ST, BUNCOMBEST, COLLEGEST, BEATTIE PL, MAIN ST, W NORTH ST, and E NORTH ST. A yellow diagonal line labeled 'CULTURAL CORRIDOR' runs from the top left towards the center. Three green circles highlight specific intersections: one at the intersection of Academy St and Elford St, one at the intersection of Church St and Academy St, and one at the intersection of Academy St and E North St. Five white callout boxes with green borders provide project details. The first box points to the Academy St/Elford St intersection. The second box points to Elford St. The third box points to the Church St/Elford St intersection. The fourth box points to the Church St/Elford St intersection. The fifth box points to the Academy St/E North St intersection.

General signal
enhancements along
Academy St

Road diet/on-street
parking on Elford St

Extension of
eastbound left turn
lane onto Church St

One additional lane
to turn right onto
Academy St

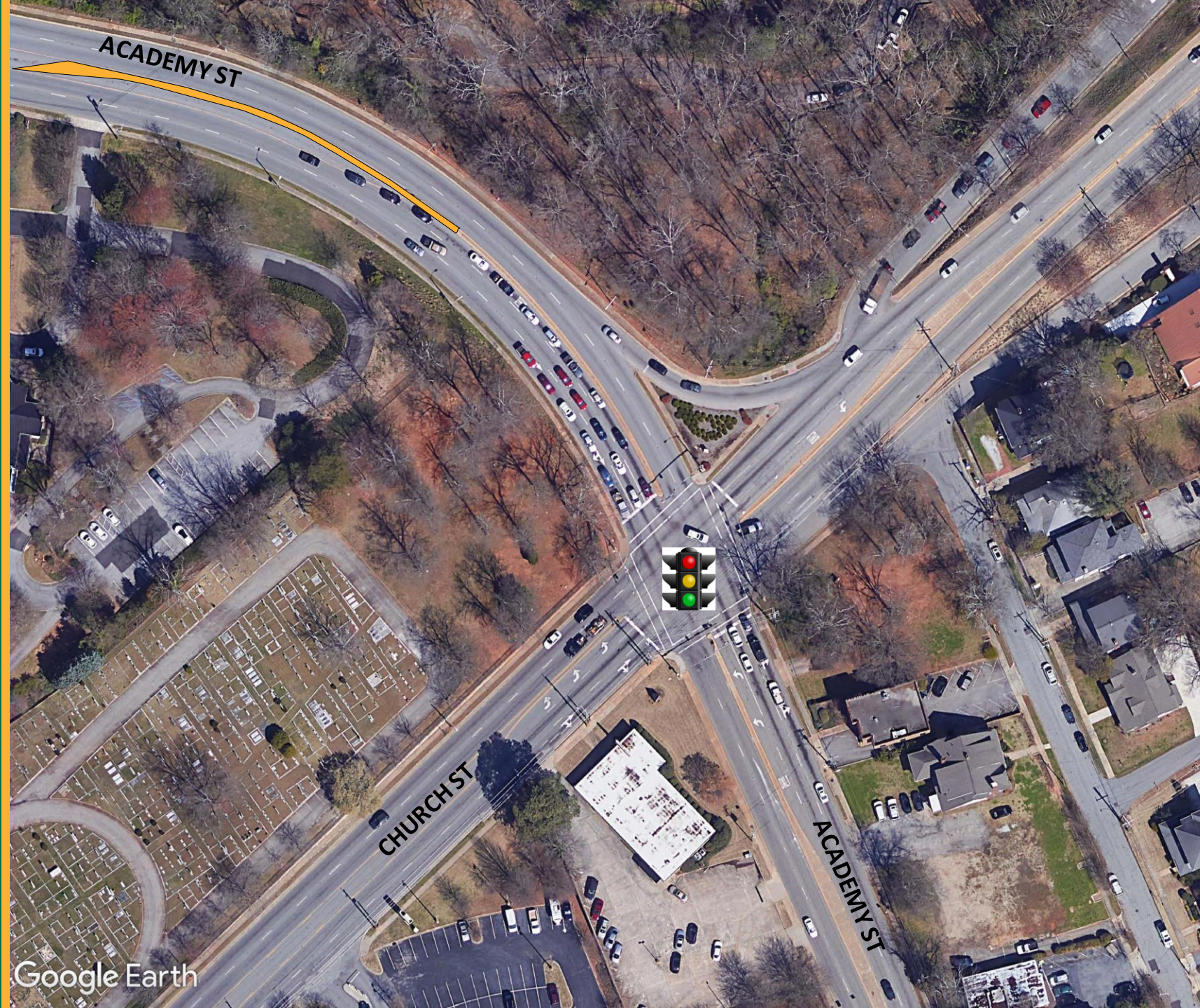
Removal of Signal at Academy St at Elford St

- Results in the removal of a signal at a relatively low-volume side street
- Removes an existing signal location that is contributing to unnecessary stops on Academy Street
- Right turn in and right turn out access will remain
- Pedestrian crosswalks across Academy St would be removed
- A proposed median on Academy St would be installed



Extension of eastbound Left Turn Lane onto Church St

- Today, this lane backs up into the through lane in a recurring manner
- Extending this turn lane reduces the likelihood that one of the through lanes on Academy St will be blocked by the turn lane traffic



One additional lane to turn Right onto Academy Street at East North Street

- Today, there is one short right turn lane for traffic from I-385 to use to turn onto Academy Street
- The proposed modification would allow for right turns to also be made from the right-hand through lane
- This would decrease the number of lane changes a driver has to make to turn right, and is intended to encourage more frequent use of Academy St for trips across the City



Project Timeline: Cultural Corridor Improvements

Spring 2022

- Preliminary Design
- SCDOT Coordination

Summer 2022

- Right-of-Way Design

Fall/Winter 2022

- Right-of-Way Acquisition
- Final Design
- Utility Coordination

Spring 2023

- Construction Begins

Project Timeline: Academy Street Traffic Projects

Spring 2022

- Survey
- Preliminary Design
- SCDOT Coordination

Summer 2022

- Final Design
- SCDOT Encroachment Permit

Fall 2022

- Construction Begins



Questions + Comments

www.publicinput.com/t4714

Nick De Palma, P.E.

City of Greenville, Assistant City Engineer

Email: Ndepalma@greenvillesc.gov

Phone: 864-467-4400

Brett Helsel, P.E.

HDR, Senior Roadway Project Manager

Email: Brett.Helsel@hdrinc.com

Phone: 864-631-0436

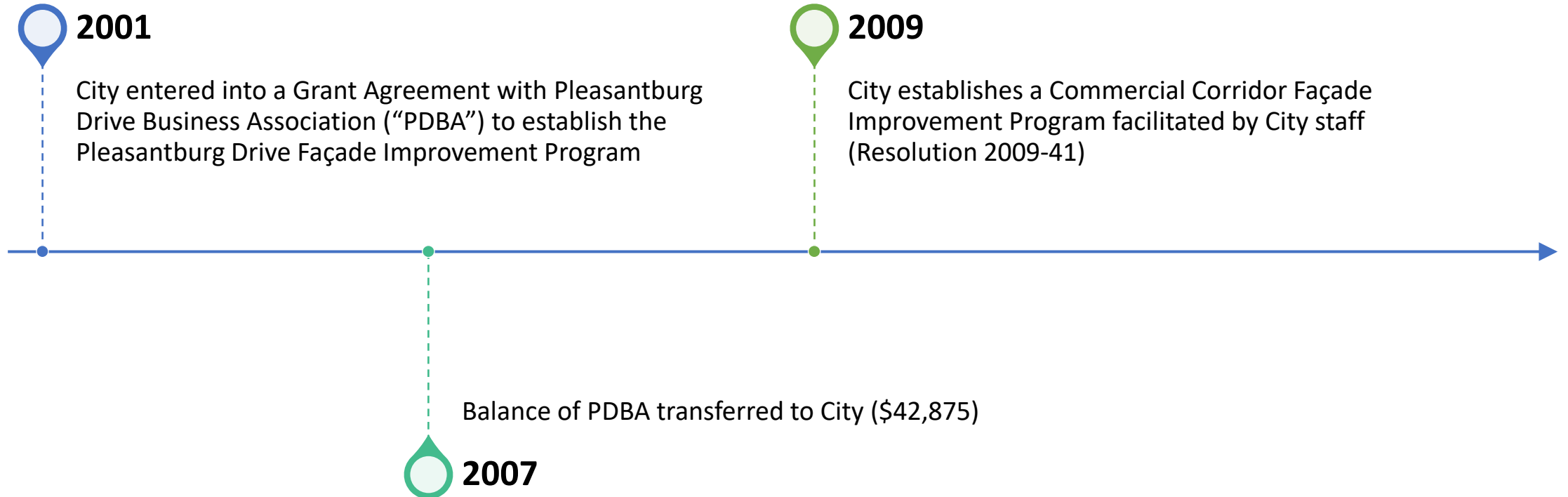


Jay Vaughan
Photography

COMMERCIAL CORRIDOR FACADE IMPROVEMENT PROGRAM

CITY OF GREENVILLE

PROGRAM INCEPTION



PROGRAM INTENT

- REIMBURSEMENT GRANT PROGRAM FUNDED BY THE CITY OF GREENVILLE
- PROVIDES FINANCIAL AND TECHNICAL DESIGN ASSISTANCE TO COMMERCIAL PROPERTY OWNERS AND BUSINESS OWNERS IN TARGETED COMMERCIAL CORRIDORS FOR QUALIFIED FACADE IMPROVEMENTS
- SUPPORTS THE REVITALIZATION OF THE CITY'S COMMERCIAL CORRIDORS BY STIMULATING PRIVATE INVESTMENT IN HIGH-QUALITY IMPROVEMENTS
- HELPS OWNERS ENHANCE THE APPEARANCE OF BUILDINGS AND PROPERTIES AND ELIMINATE BLIGHT AND NON-CONFORMING DESIGN STANDARDS
- THE PROGRAM IS NOT RETROACTIVE. APPLICATIONS MUST BE APPROVED IN WRITING BY THE COMMERCIAL CORRIDOR FAÇADE REVIEW COMMITTEE PRIOR TO COMMENCEMENT OF WORK

MAXIMUM ALLOWABLE AWARD

- \$10,000 PER PROPERTY, FOR ELIGIBLE IMPROVEMENTS
- CITY WILL REIMBURSE UP TO 50% OF EXPENSES EQUAL TO OR LESS THAN \$10,000. FOR ADDITIONAL EXPENSES ABOVE \$10,000, THE CITY WILL REIMBURSE 20% OF ELIGIBLE EXPENSES NOT TO EXCEED THE MAXIMUM AWARD AMOUNT OF \$10,000
- EXAMPLE: IF THE APPLICANT'S ELIGIBLE EXPENSES EQUAL \$25,000, HE/SHE WOULD BE ELIGIBLE FOR AN \$8,000 REIMBURSEMENT GRANT

$$[(\$10,000 \times 50\%) + (\$15,000 \times 20\%)] = \$8,000$$

MAXIMUM ALLOWABLE AWARD

(Wade Hampton Boulevard)

- TO \$25,000 PER PROPERTY, FOR ELIGIBLE IMPROVEMENTS
- CITY WILL REIMBURSE UP TO 50% OF EXPENSES EQUAL TO OR LESS THAN \$10,000. FOR ADDITIONAL EXPENSES ABOVE \$10,000, CITY WILL REIMBURSE UP TO 30% OF ELIGIBLE EXPENSES
- MAXIMUM AWARD AMOUNT = \$25,000
- EXAMPLE: IF THE APPLICANT'S ELIGIBLE EXPENSES EQUAL \$25,000, APPLICANT WOULD BE ELIGIBLE FOR AN \$9,500 REIMBURSEMENT GRANT

$$[(\$10,000 \times 50\%) + (\$15,000 \times 30\%)] = \$9,500$$

NUMBER OF PROJECTS COMPLETED TO DATE (BY CORRIDOR)

CORRIDOR	NUMBER OF PROJECTS
AUGUSTA	28
BUNCOMBE	1
EAST NORTH	4
EAST WASHINGTON	1
HAYWOOD	1
LAURENS	18
PENDLETON (VWG)	20
PETE HOLLIS	2
PLEASANTBURG	31
RUTHERFORD	1
STONE AVENUE	14
WADE HAMPTON	3
TOTAL	124

RECOMMENDATIONS

- UPDATE ELIGIBLE AREAS (LAST UPDATE WAS 2011)
 - USE GVL2040 AS THE GUIDE TO DETERMINE THE CORRIDORS
- ESTABLISH ELIGIBLE AND INELIGIBLE EXPENSE GUIDELINES
 - EFFORT TO CONTINUE INPUT INTO DESIGN AND QUALITY
- ESTABLISH PROMOTIONAL CORRIDORS
- ESTABLISH PROCEDURES TO PROMOTE PROGRAM
- REFINING APPLICATION PROCESS
 - IMPROVE THE APPLICATION IN CONJUNCTION WITH INPUT FROM PLANNING & DEVELOPMENT SERVICES

EXAMPLE NEW CONSTRUCTION

South Pleasantburg Drive Sherwin Williams



1547 Wade Hampton Boulevard

A to Z Speech Therapy



1560 Wade Hampton Boulevard

Guest & Brady



420 Laurens Road

Rocky's Hot Chicken



1629 East North Street

Fork and Plough



1631-1635 East North Street

Shaw's Pharmacy



1301-1303 East Washington Street

Zelma's Beauty Supply



Pete Hollis Boulevard

Hincapie



1503 East North Street

Overbrook (f/n/a Lime Cola Bottling Company)



3017 Augusta Street

Tasty As Fit



Downtown Greenville Façade Program

- New program to improve facades of downtown buildings
- FY 21-22 funding: \$150,000
- Economic Development Dept. identified two buildings for first year of funding:
 - 125 N. Main Street (brick building)
 - 128 N. Main Street (City Tavern building)
- Staff enlisted DP3 Architects to help with building designs
- Both approved by DRB in Nov. and Dec. 2021
- Coordination of contractor estimates and permitting underway



Downtown Greenville Façade Program

125 N. Main St.





• REMOVE ALL EXISTING WINDOWS

• REMOVE TILE FROM FACADE
PREPARE REMAINING CMU WALL
FOR NEW WINDOW OPENINGS

• DEMOLISH EXISTING WALLS AND
STOREFRONT STREET LEVEL
(GREY PAINTED WALLS)

