

# **MP08578 BUCKMAN DRIVE & FLETCHER DRIVE**

## ONE WAY PAIRS STUDY & DESIGN

Land Use Committee Presentation  
February 2024

Melanie Heflin, Project Manager



NOVEMBER				DECEMBER				JANUARY				FEBRUARY			
WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4
PTAC Meeting				11/28											
1st Stakeholders Meeting				12/05											
PDC/PTAC Meeting					12/12										
2nd Stakeholders Meeting						12/18									
LVL								01/04							
PHBS									01/16						
Land Use												02/06			
PTAC													02/13		
60% Drawings & Narrative/Presentation															







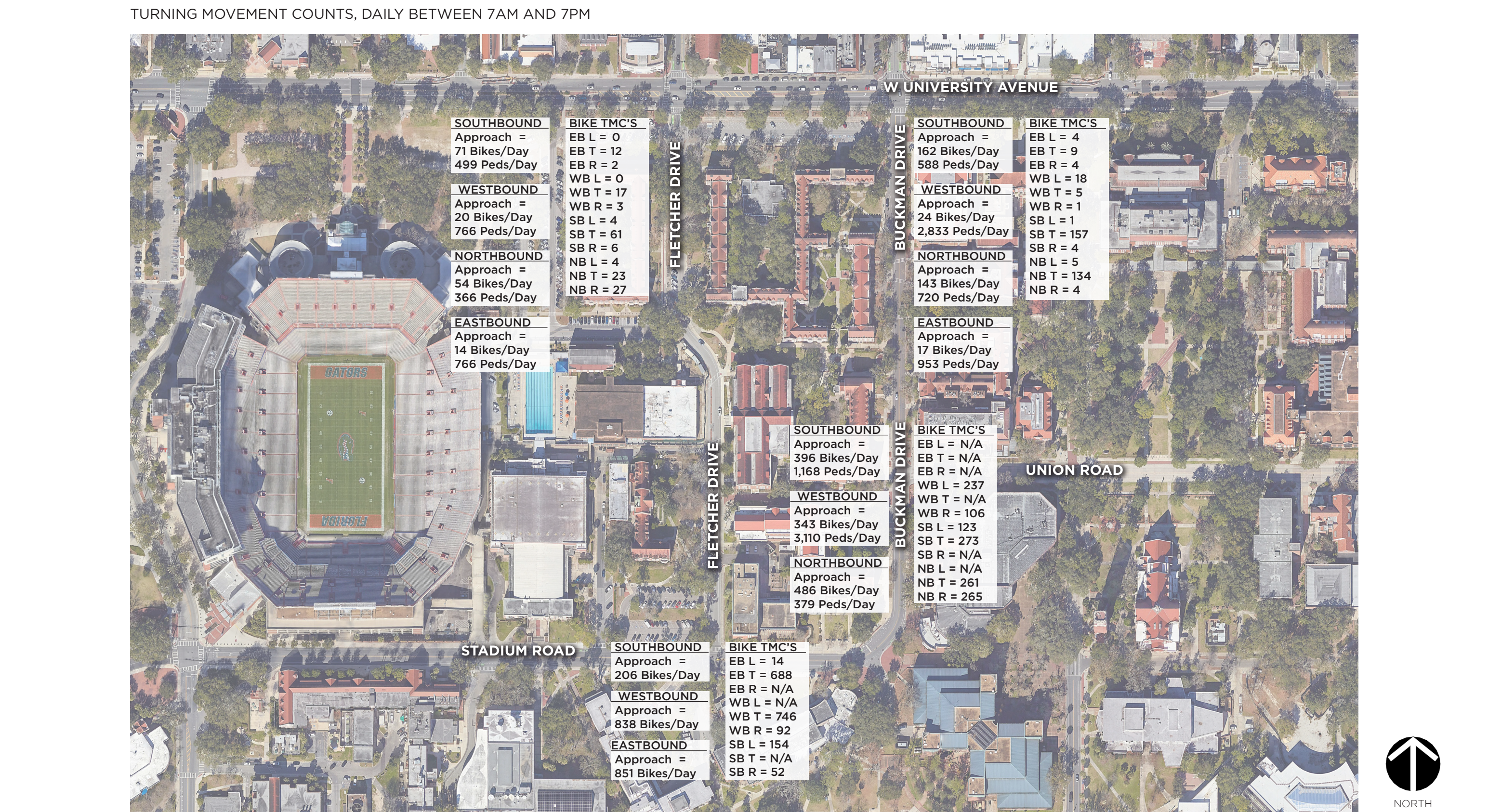


## BUCKMAN DRIVE & FLETCHER DRIVE | PROJECT GOALS & OBJECTIVES

- Explore conversion of Fletcher Drive and Buckman Drive to one-way streets to integrate with one-way pair off-campus configurations recently implemented on NW 17th Street and NW 18th Street.
- Enhance pedestrian and bicycle travel and safer non-vehicular travel by reducing conflicts.
- Accomodate buses.
- Accomodate emergency vehicles
- Improve operations and safety on University Avenue.
- Improve loading zone for official vehicles and delivery vehicles. Discourage street parking of delivery vehicles.



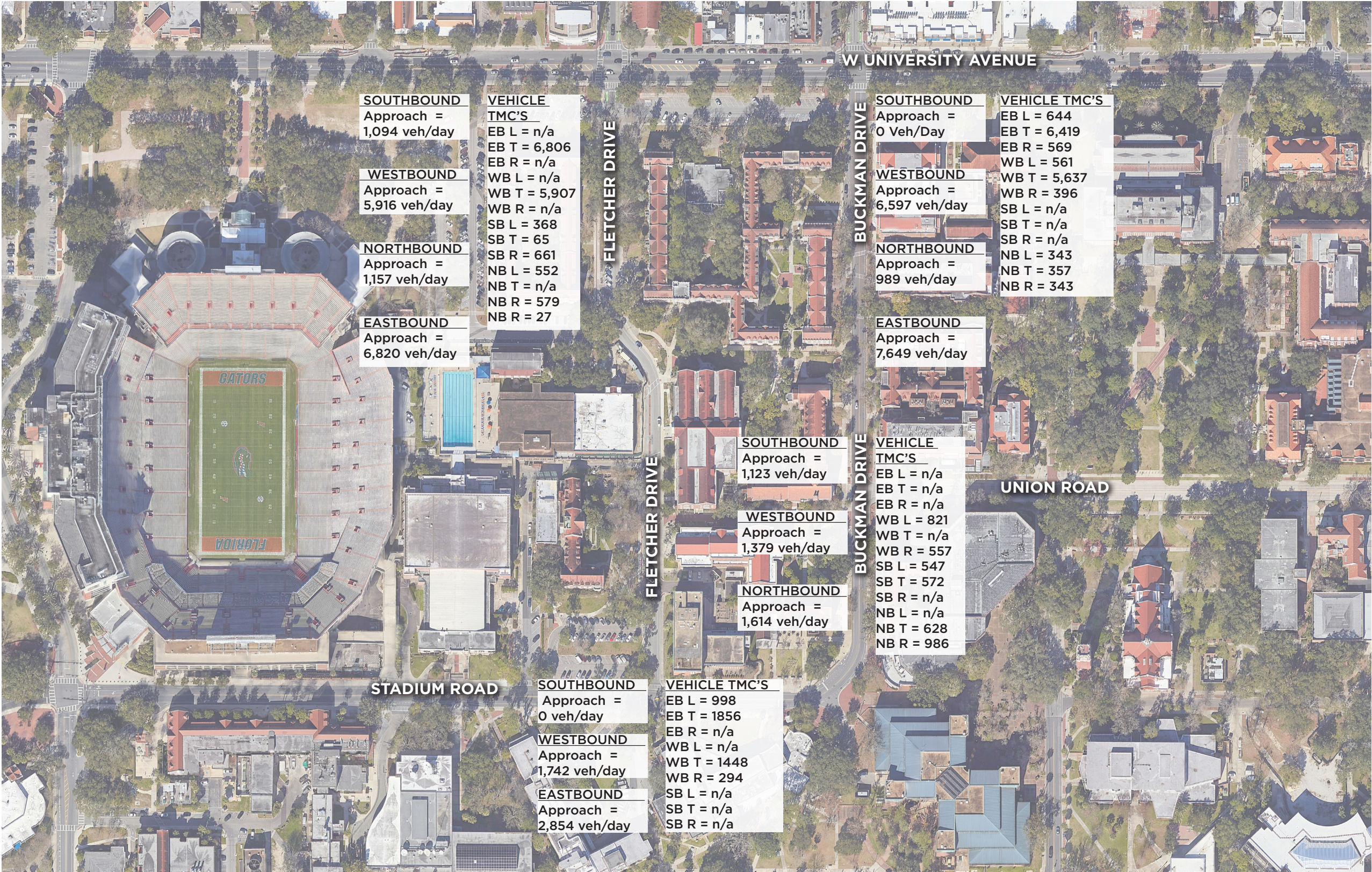






BUCKMAN DRIVE & FLETCHER DRIVE | VEHICLE VOLUME MAP

TURNING MOVEMENT COUNTS, DAILY BETWEEN 7AM AND 7PM





Build up the supporting traffic analysis

- Level of service at Buckman Drive/University Avenue and Fletcher Drive/University Avenue.
- Alignment with corridors (one-way pairs) on north side of University Avenue.
- Operational improvements and queue length in auxillary lanes on University Avenue.
- Improve green time for bike and pedestrian improvements on at Buckman Drive/University Avenue and Fletcher Drive/University Avenue.

Safety benefits

- Provide dedicated bike, pedestrian, and multi-modal facilities to minimize conflicts with vehicles.
- Minimize conflicts between non-vehicular modes of transportation.
- Convenient access to transit.
- Provide loading zones and access to greater variety of delivery vehicles.
- Minimize street parking of delivery vehicles and deliveries blocking travel lanes and bike lanes.

FLETCHER

BUCKMAN

	Two Way	One Way (Northbound)	One Way (Southbound)
Two Way	<ul style="list-style-type: none"><li>• Greatest vehicular flow through campus</li><li>• Functional bike facilities (bike lanes) at 4 feet each</li></ul>	<ul style="list-style-type: none"><li>• Add dedicated 2-way bike facility</li><li>• Loading zones limited (Chemistry Building)</li><li>• Ability to create NB multi-modal zone with NB official vehicles ONLY. Greatest access for deliveries. Difficulty in limiting to official vehicles.</li></ul>	<ul style="list-style-type: none"><li>• Does not align with one way pairs north of University Ave</li><li>• Requires realignment of bus station at HUB (northside boarding/alighting)</li></ul>
One Way (Northbound)	<div>EXISTING CONDITIONS</div> <ul style="list-style-type: none"><li>• Functional/minimal bike facilities on Buckman Dr</li><li>• Changes could be made to Fletcher to create formal bike facility (with removal of parking)</li></ul>	<div>DOES NOT MAINTAIN ACCESS AND FLOW THROUGH CAMPUS</div>	<ul style="list-style-type: none"><li>• Does not align with one way pairs north of University Ave</li><li>• Requires realignment of bus station at HUB (northside boarding/alighting)</li></ul>
One Way (Southbound)	<ul style="list-style-type: none"><li>• Existing conditions on Buckman Dr</li><li>• Allows dedicated bike facility on Fletcher Dr</li><li>• Functional bike accommodations on Buckman Dr</li></ul>	<ul style="list-style-type: none"><li>• Logical one-way pair option, aligning with roadways north of University Ave</li><li>• Allows dedicated bike facility on both Fletcher Dr and Buckman Dr</li></ul>	<div>DOES NOT MAINTAIN ACCESS AND FLOW THROUGH CAMPUS</div>





TWO WAY for both Fletcher Drive and Buckman Drive	TWO WAY for Buckman Drive and ONE WAY (SB) for Fletcher Drive	ONE WAY (NB) for Buckman Drive and TWO WAY for Fletcher Drive	ONE WAY (NB) for Buckman Drive and ONE WAY (SB) for Fletcher Drive
<ul style="list-style-type: none"><li>Greatest vehicle circulation through campus.</li><li>Eliminates parking on Fletcher.</li><li>Functional/minimal bike facilities on both routes.</li></ul> <p>ISSUES:</p> <ul style="list-style-type: none"><li>Vehicles are the priority.</li><li>Loading zone at Chemistry building.</li><li>Loss of parking on Fletcher Drive.</li></ul>	<ul style="list-style-type: none"><li>Functional/minimal bike facilities on Buckman Drive.</li><li>Dedicated bike facility on Fletcher Drive (more important due to Buckman Drive configuration).</li></ul> <p>ISSUES:</p> <ul style="list-style-type: none"><li>Vehicles are priority on Buckman</li><li>Loss of parking on Fletcher Drive to add bike facility.</li><li>Loading zone at Chemistry building.</li><li>Garbage bay access on Fletcher Drive</li></ul>	<ul style="list-style-type: none"><li>Redundant NB travel from campus to University allow pedestrian mall approach to Buckman Drive.</li></ul> <p>ISSUES:</p> <ul style="list-style-type: none"><li>Multi-modal priority on Buckman Drive.</li><li>Eliminates parking on Fletcher Drive to accommodate two-way flow.</li><li>Limiting NB to official vehicles ONLY.</li></ul> <p>Loading zone at Chemistry building.</p>	<ul style="list-style-type: none"><li>Aligns with 17th Street and 18th Street one way pairs.</li><li>Adds roadway space for more generous bike/multi modal facilities.</li><li>Enhanced bus facility.</li></ul> <p>ISSUES:</p> <ul style="list-style-type: none"><li>Multi modal priority on both routes.</li><li>Reduces parking on Fletcher Drive (options)</li><li>Loading zone at Chemistry building.</li><li>Garbage bay access on Fletcher Drive.</li></ul>

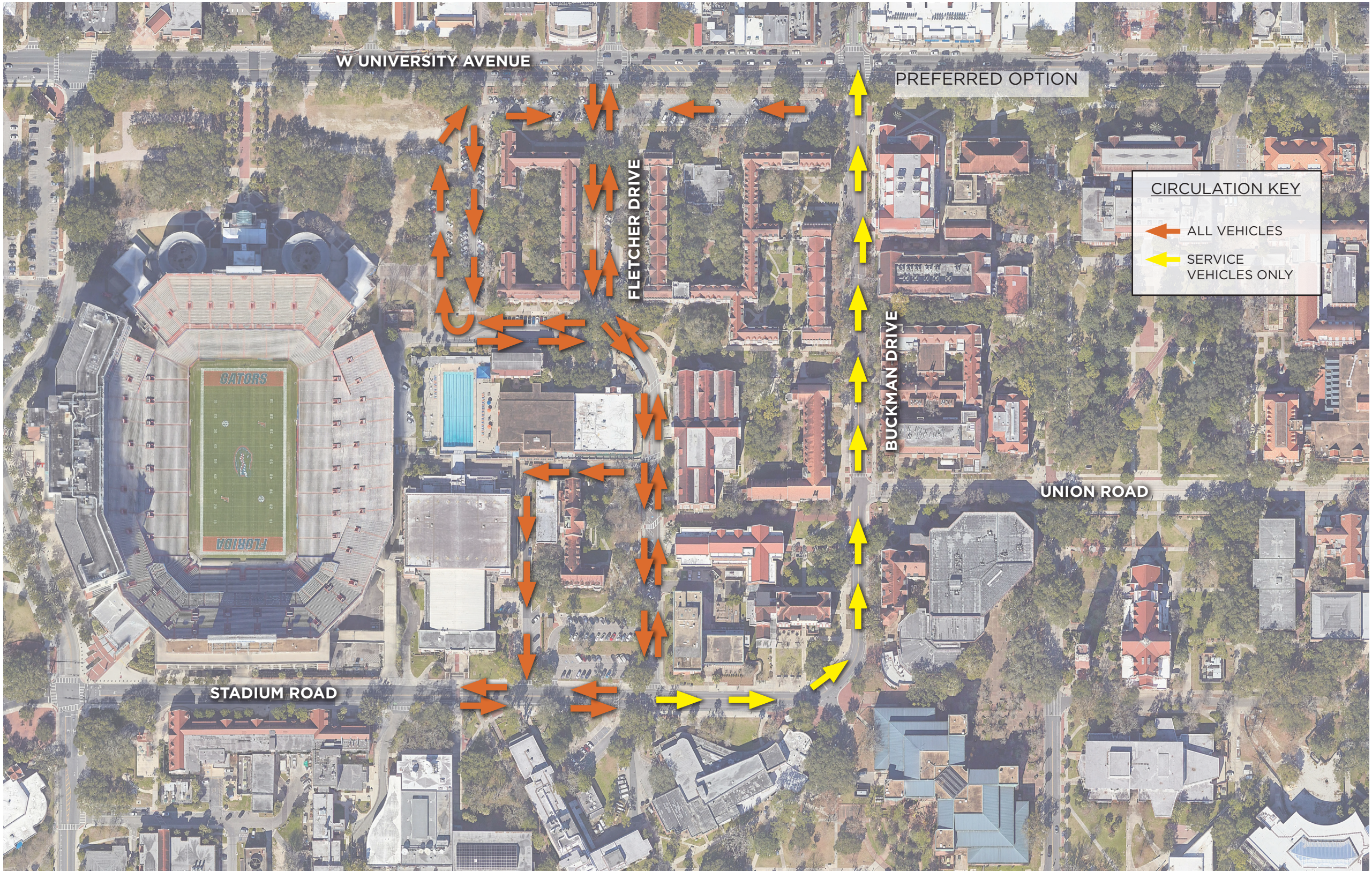




	TWO WAY for both Fletcher Drive and Buckman Drive	TWO WAY for Buckman Drive and ONE WAY (SB) for Fletcher Drive	ONE WAY (NB) for Buckman Drive and TWO WAY for Fletcher Drive	ONE WAY (NB) for Buckman Drive and ONE WAY (SB) for Fletcher Drive
Align Buckman Drive to match 17th Street north of University Parkway.	NO	NO	YES	YES
Align Fletcher Drive to match 18th Street north of University Parkway.	NO	YES	NO (W/ PED MALL APPROACH, FLETCHER WOULD BE 2-WAY)	YES
Enhance multi-modal facilities in entering and exiting the core of campus.	NO	MAYBE (ONLY ON FLETCHER DIVE)	YES (W/ PED MALL APPROACH ON BUCKMAN)	YES
Improve loading zones and access to facilities.	NO	NO	YES	MAYBE (W/ PED MALL APPROACH ON BUCKMAN)
Improve transit boarding and alighting.	NO	NO	YES	YES



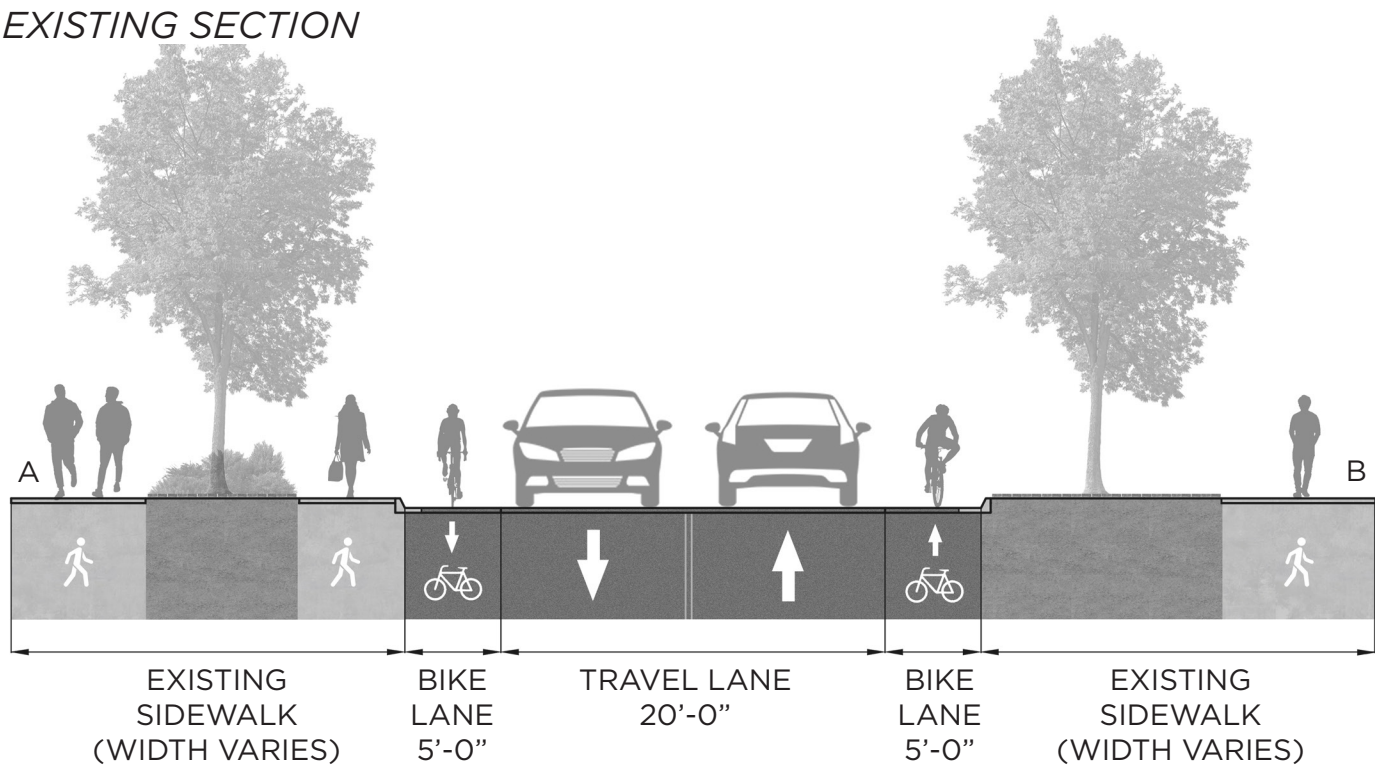




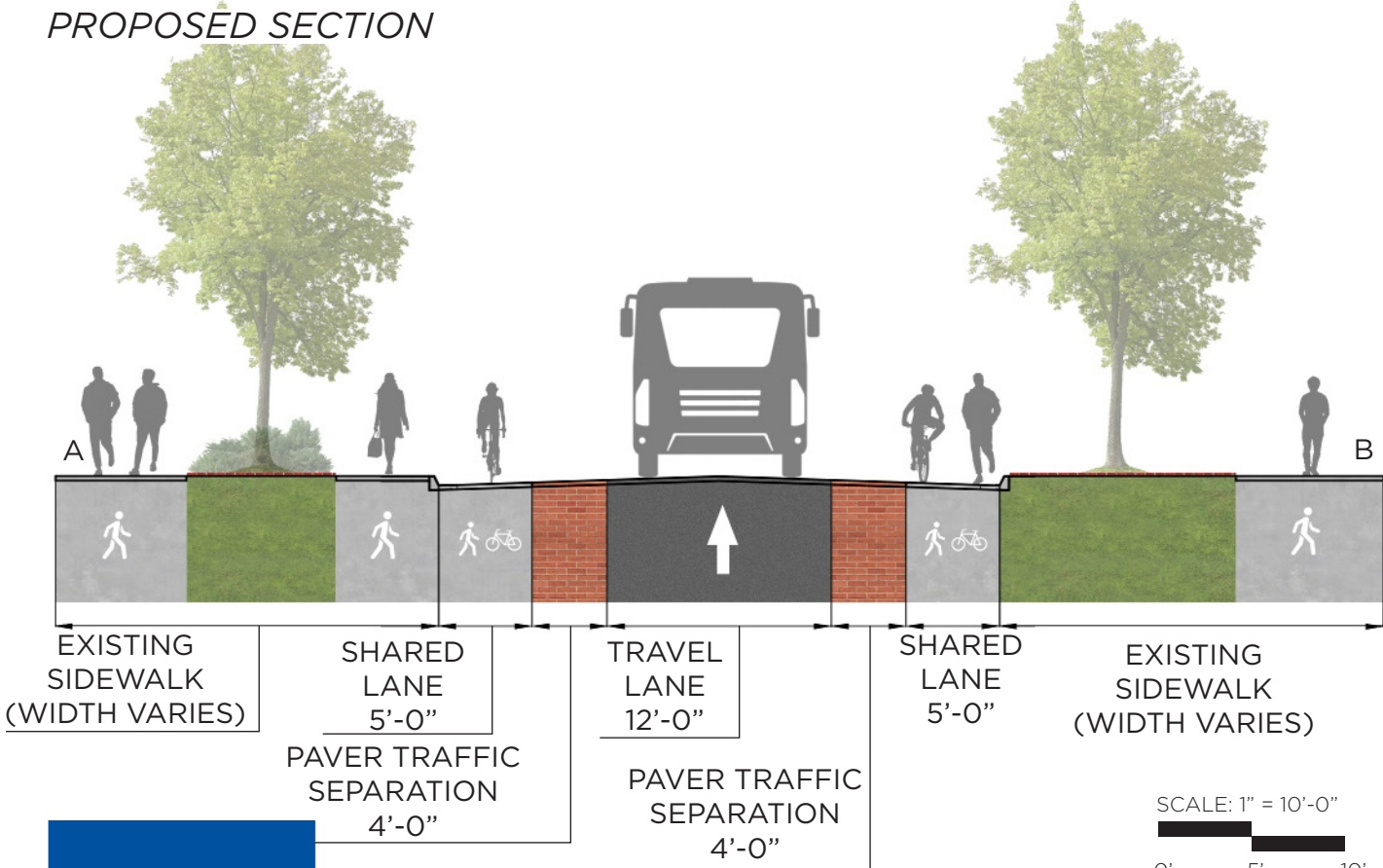


BUCKMAN DRIVE | BRICK FLUSH SEPARATOR / SEPARATED BIKE LANES (PEDESTRIAN MALL)

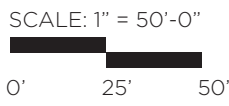
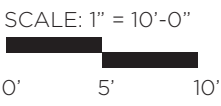
EXISTING SECTION



PROPOSED SECTION

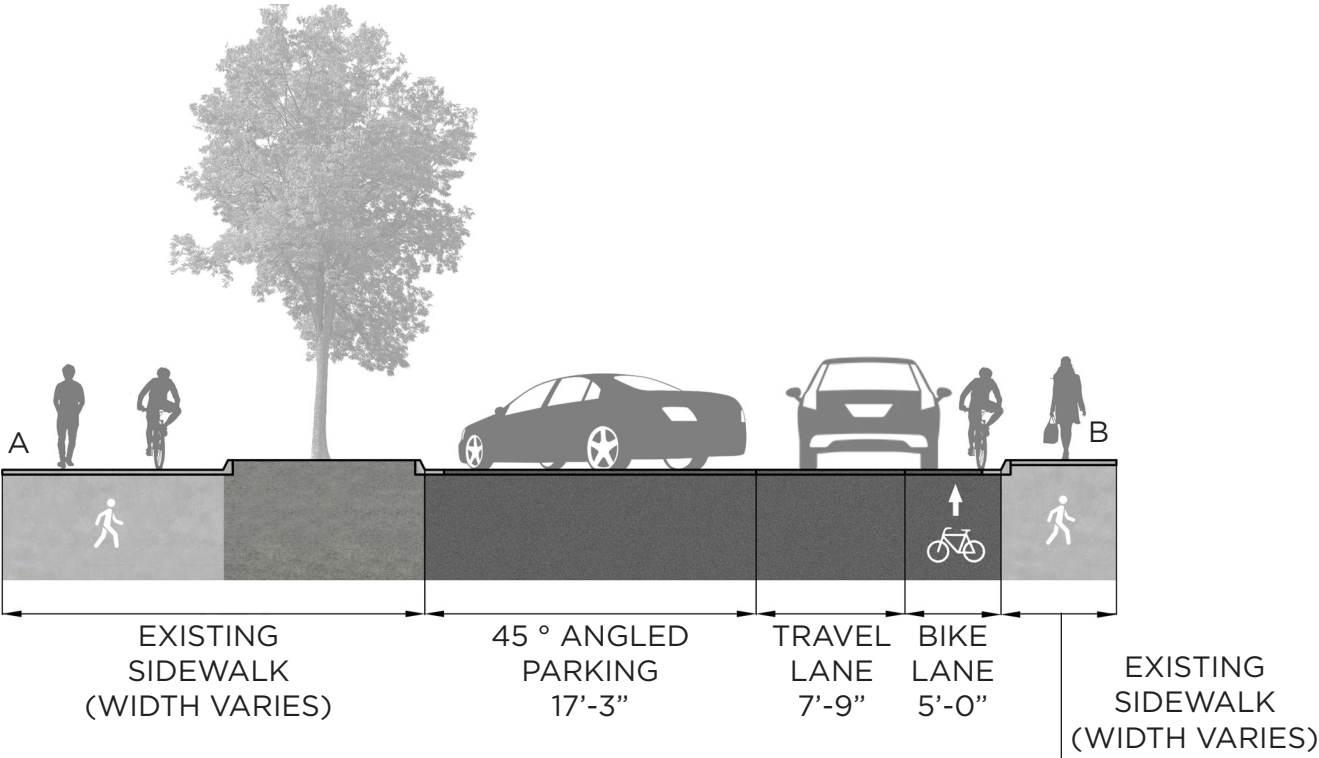


PROPOSED TYPICAL PLAN VIEW

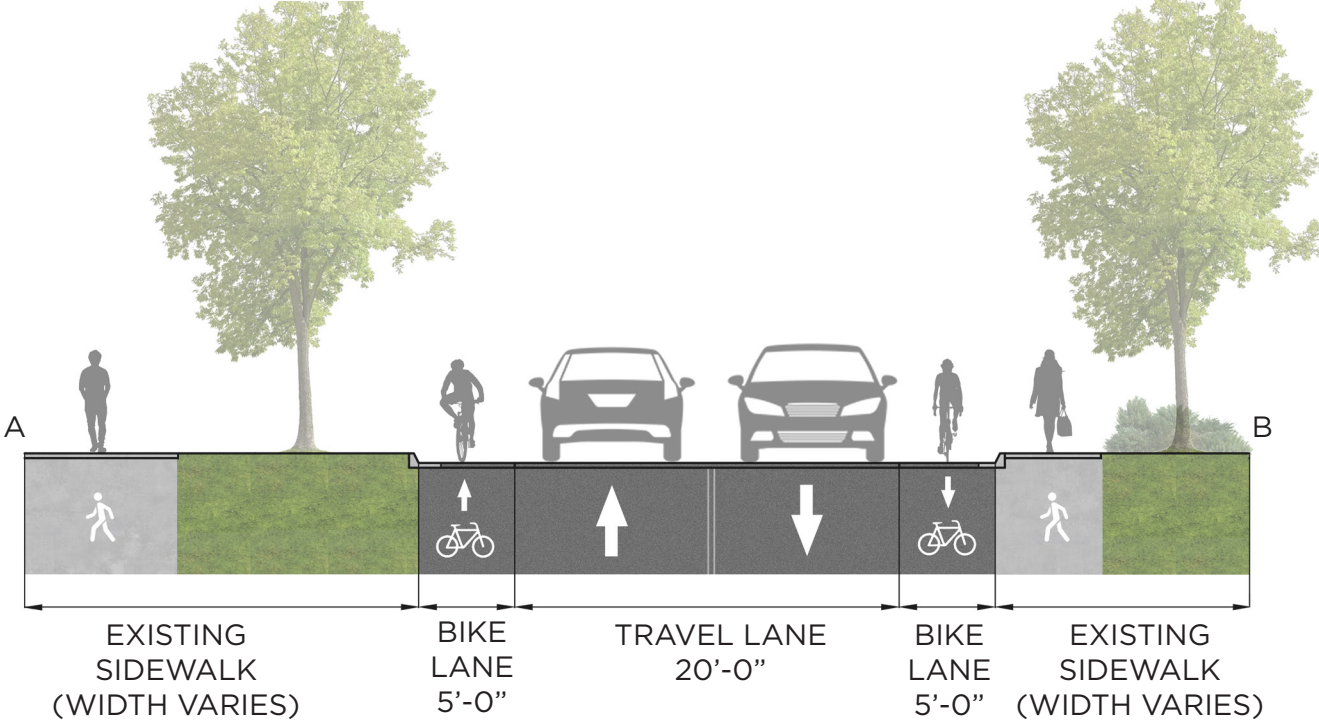




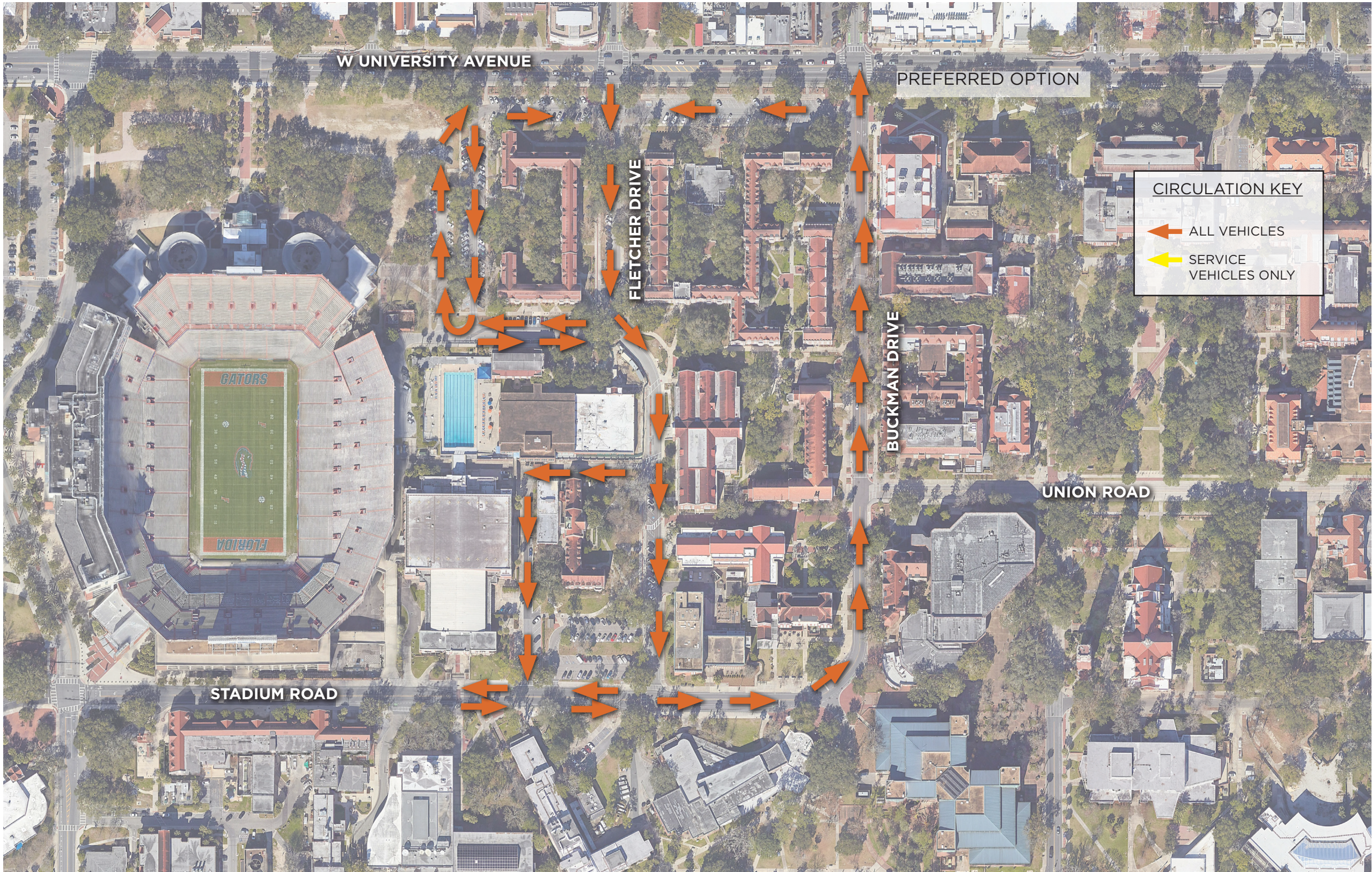
EXISTING SECTION



PROPOSED SECTION

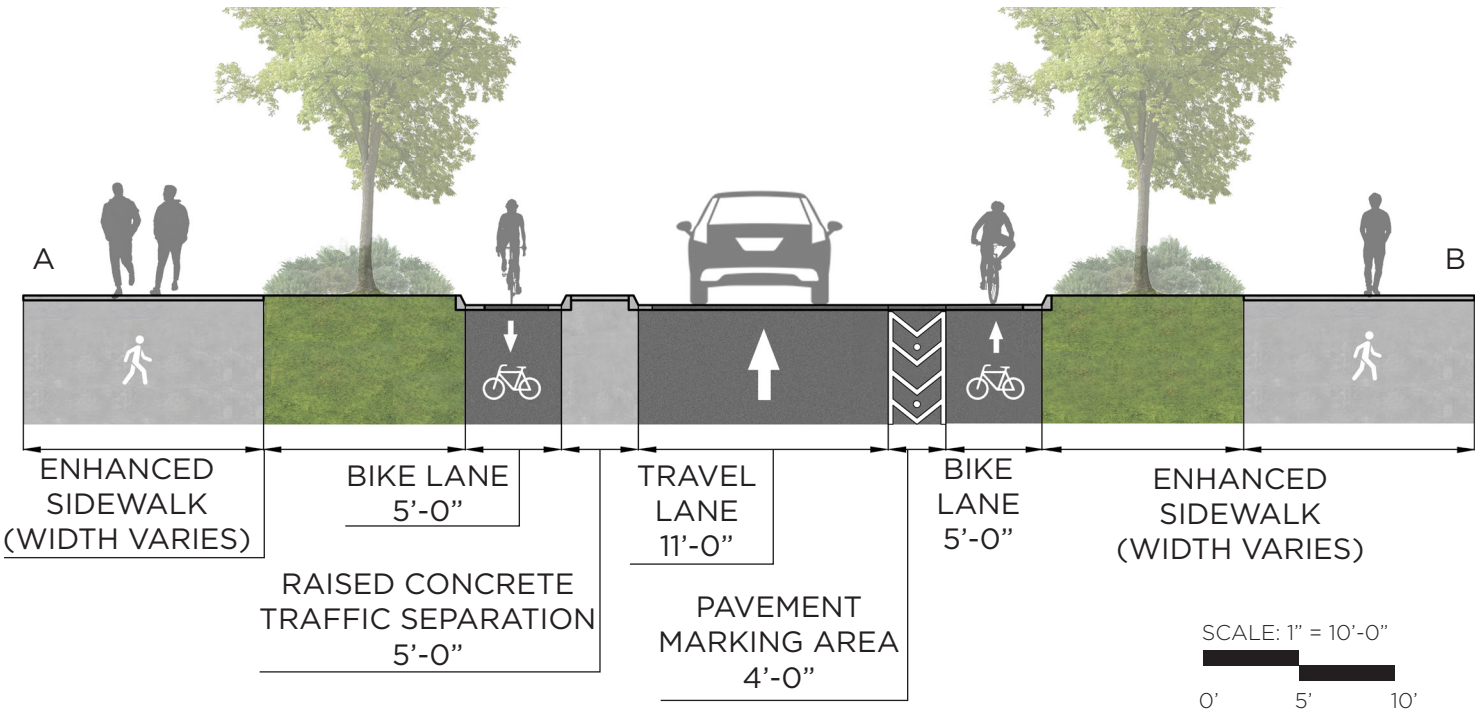




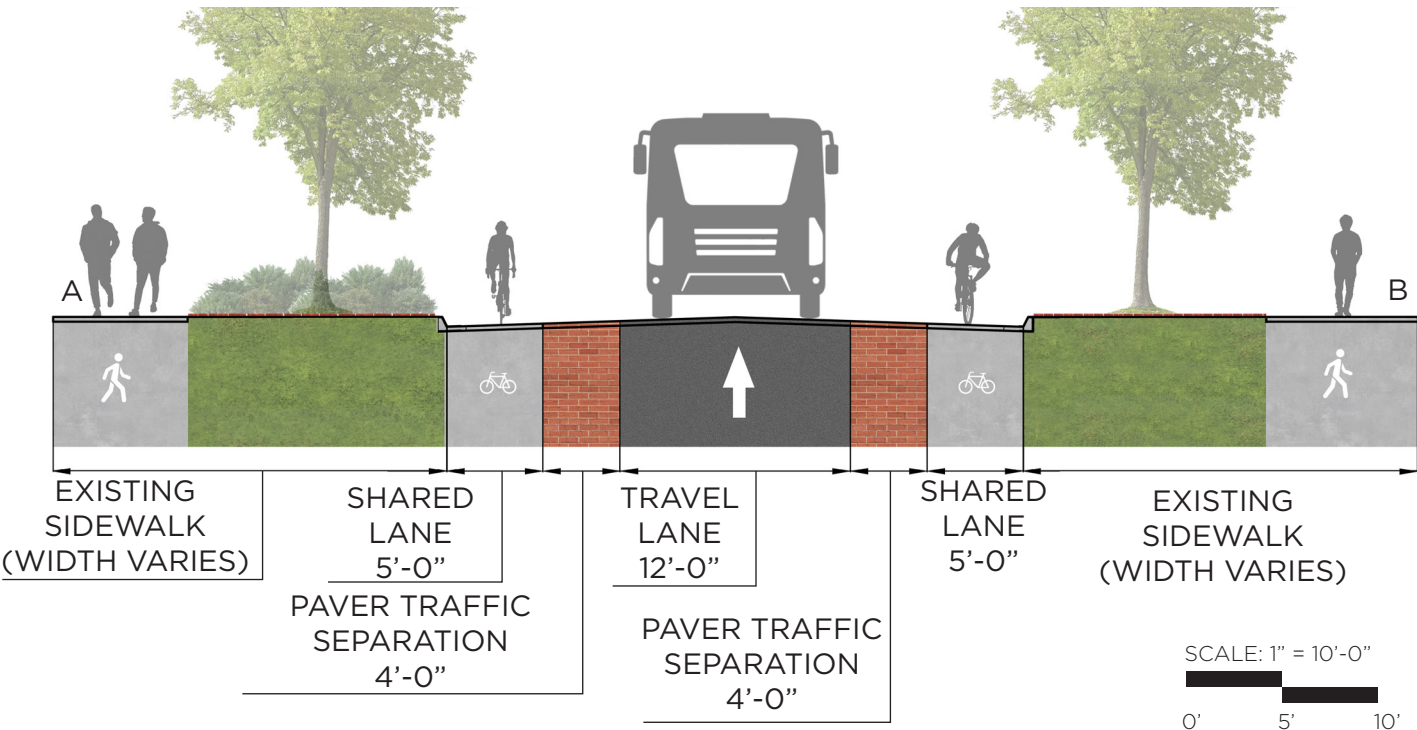




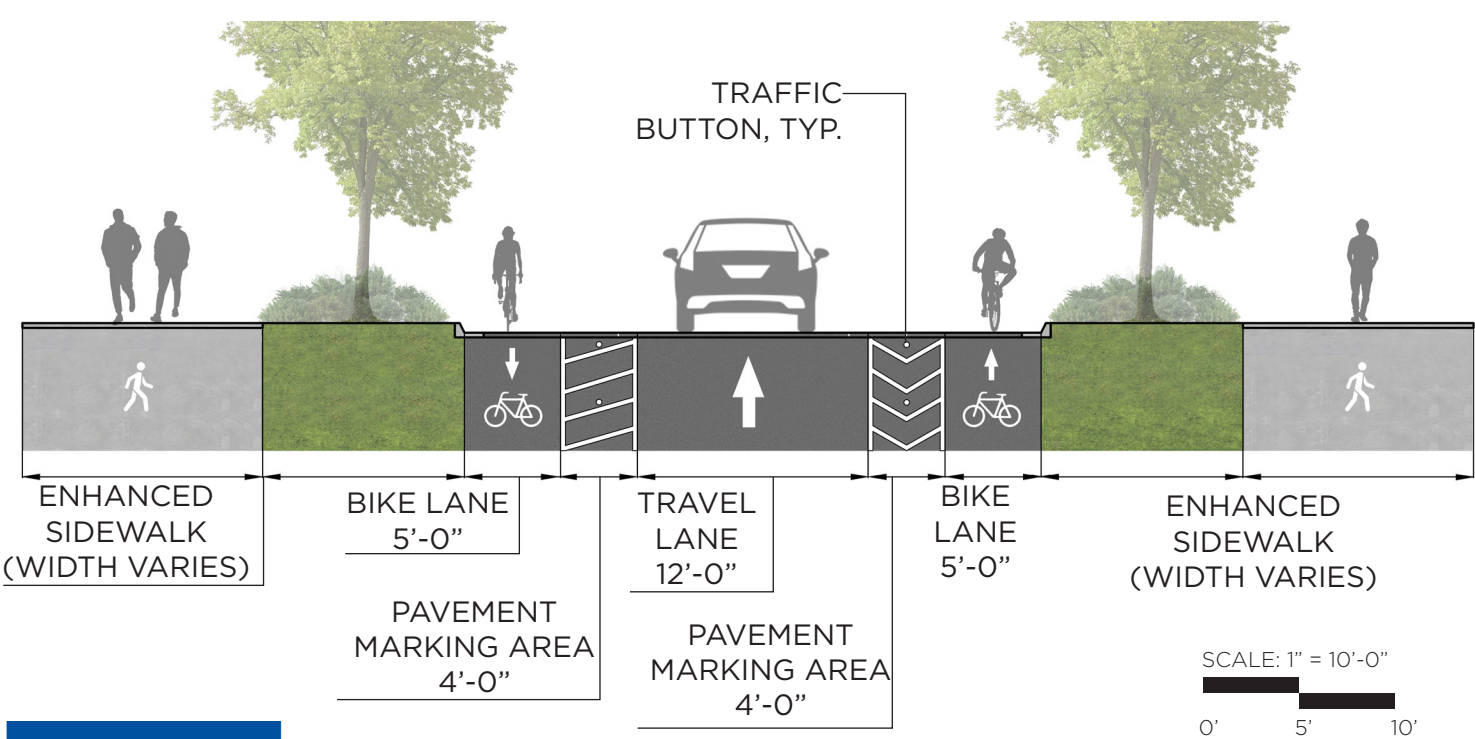
RAISED SEPARATOR



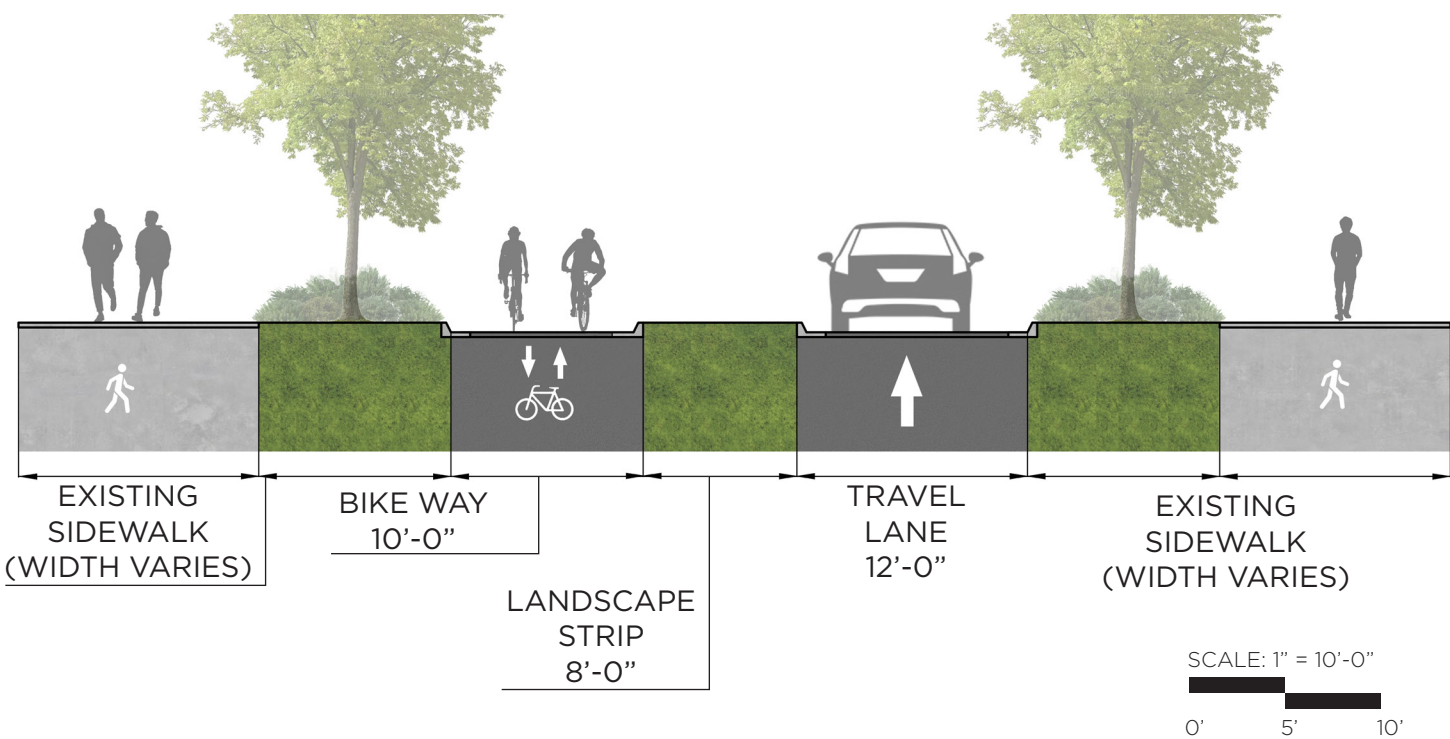
BRICK FLUSH SEPARATOR



PAVEMENT MARKINGS



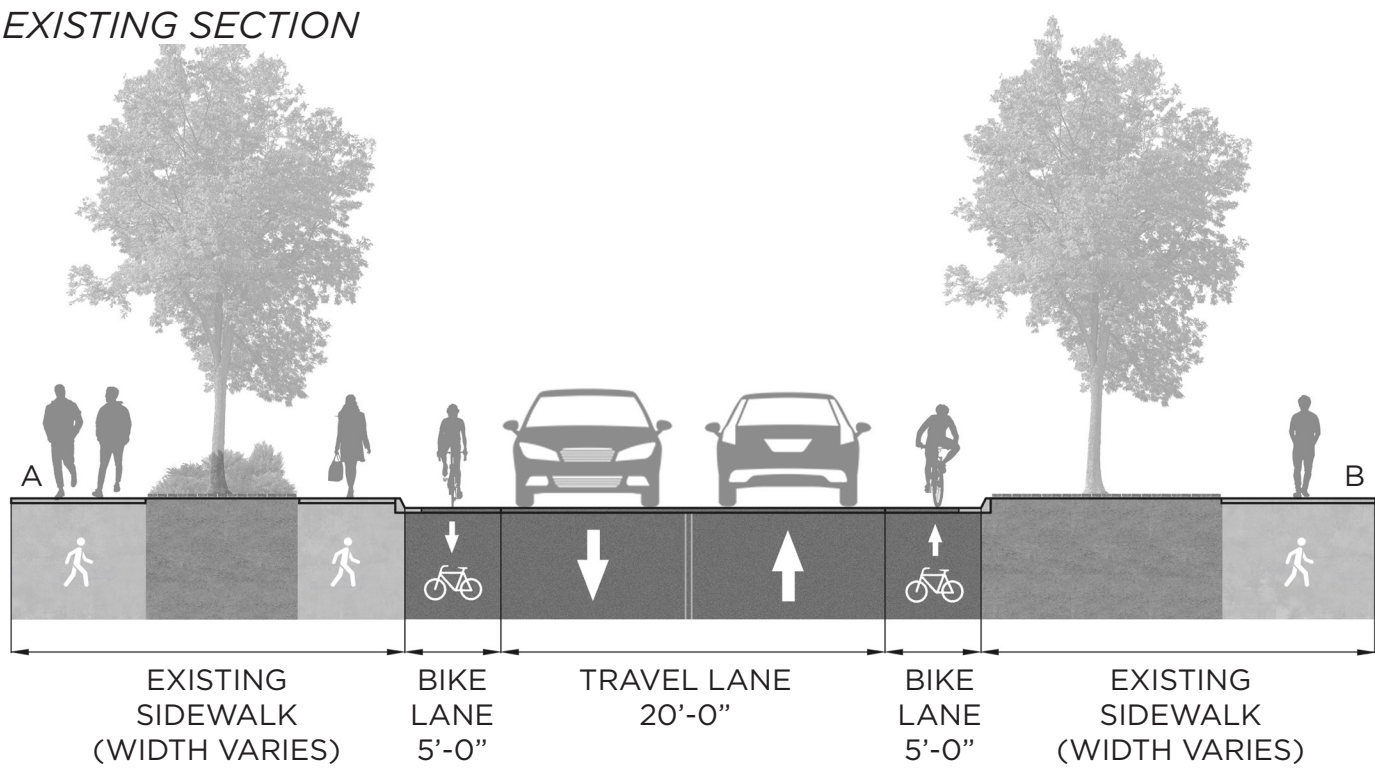
PLANTED MEDIAN



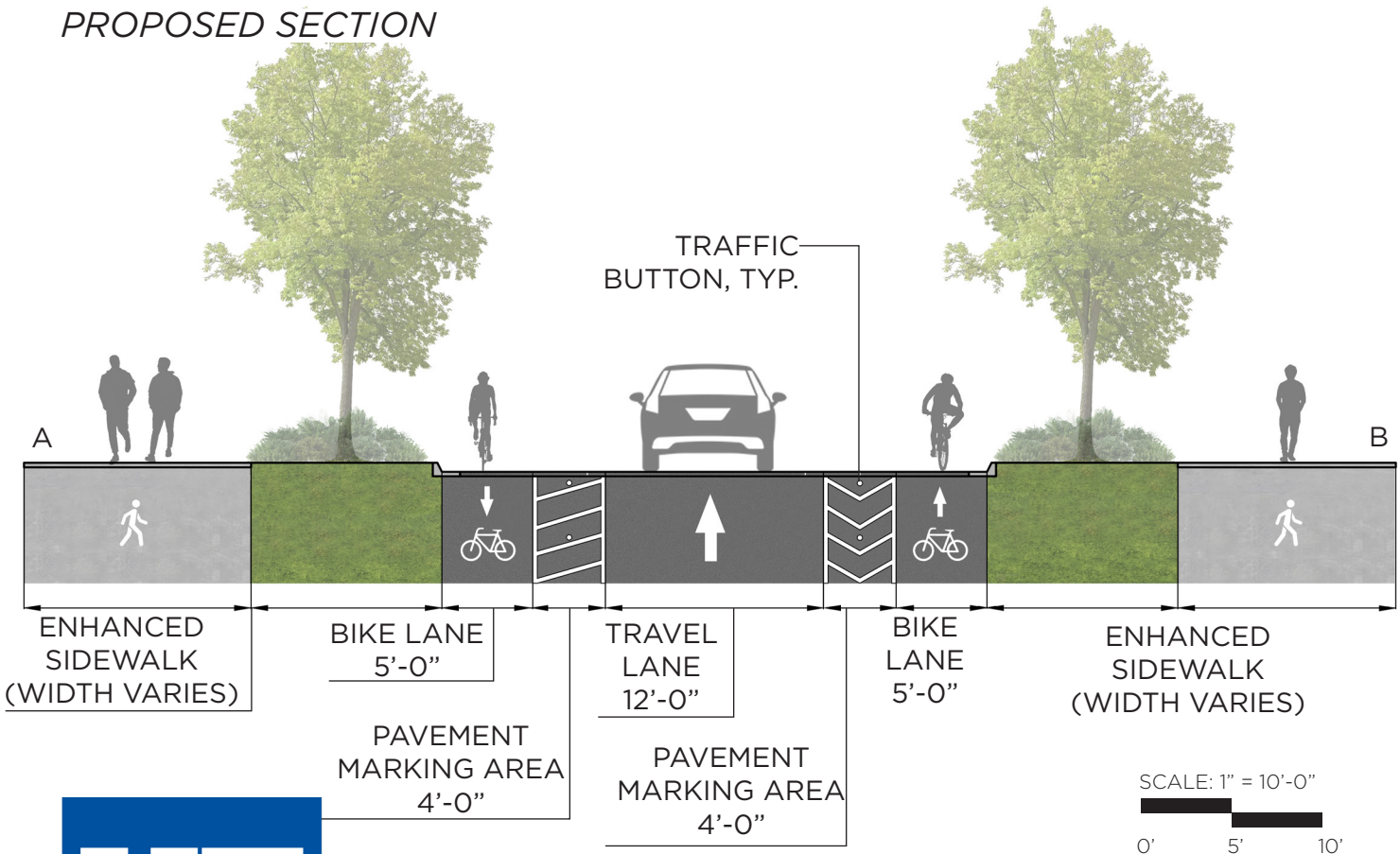


BUCKMAN DRIVE | PAVEMENT MARKINGS / SEPARATED BIKE LANES (ONE WAY PAIRS)

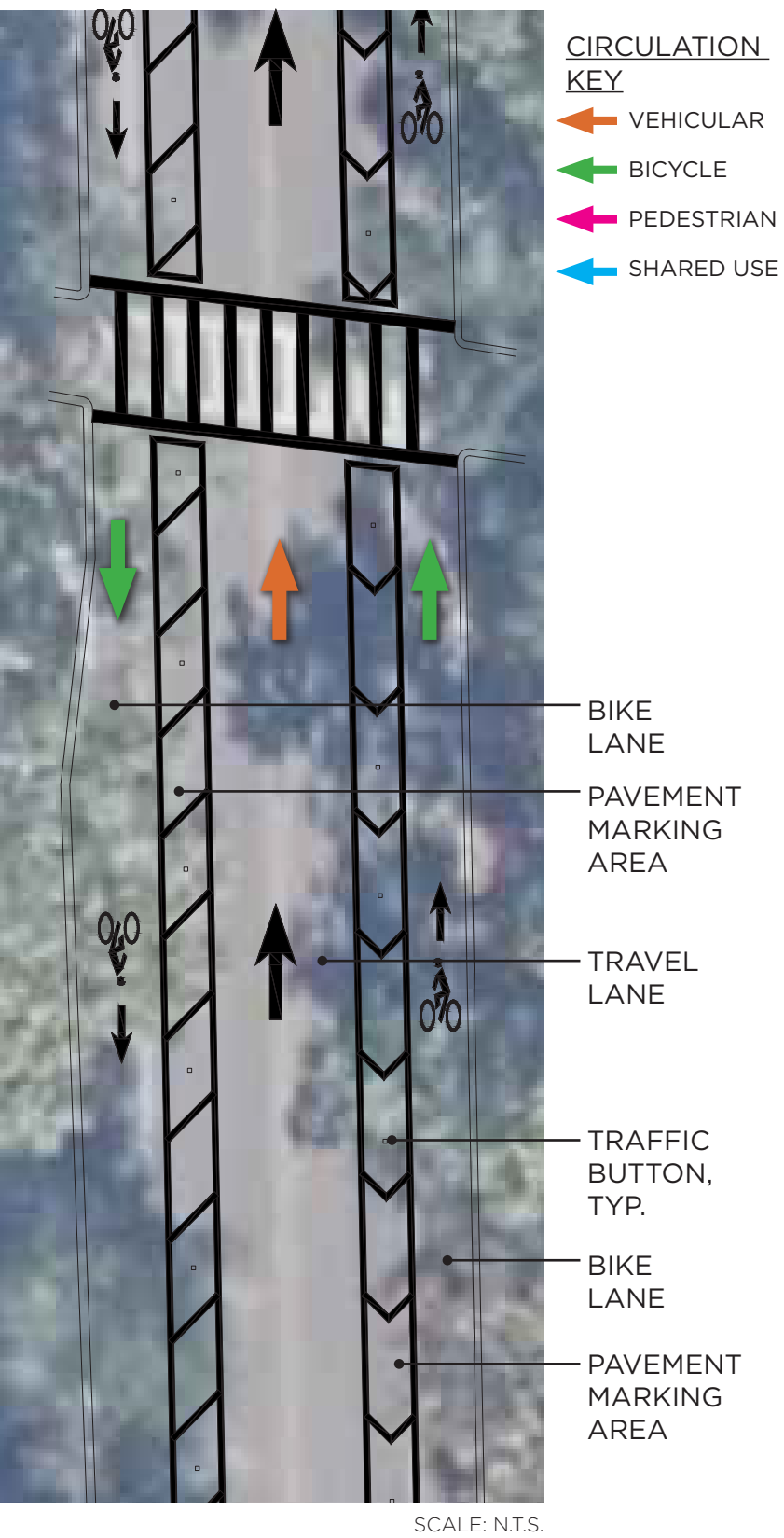
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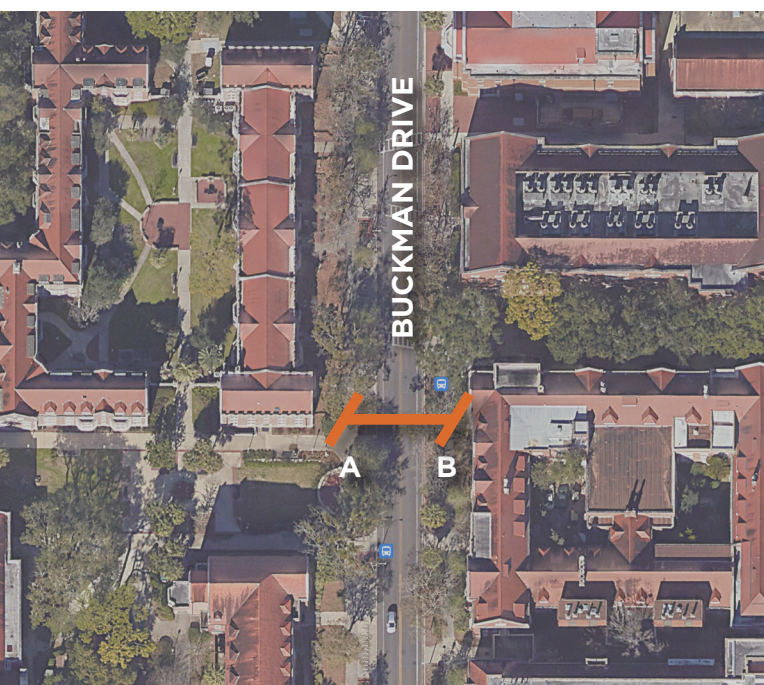
PROPOSED SECTION



PROPOSED TYPICAL PLAN VIEW



KEY MAP



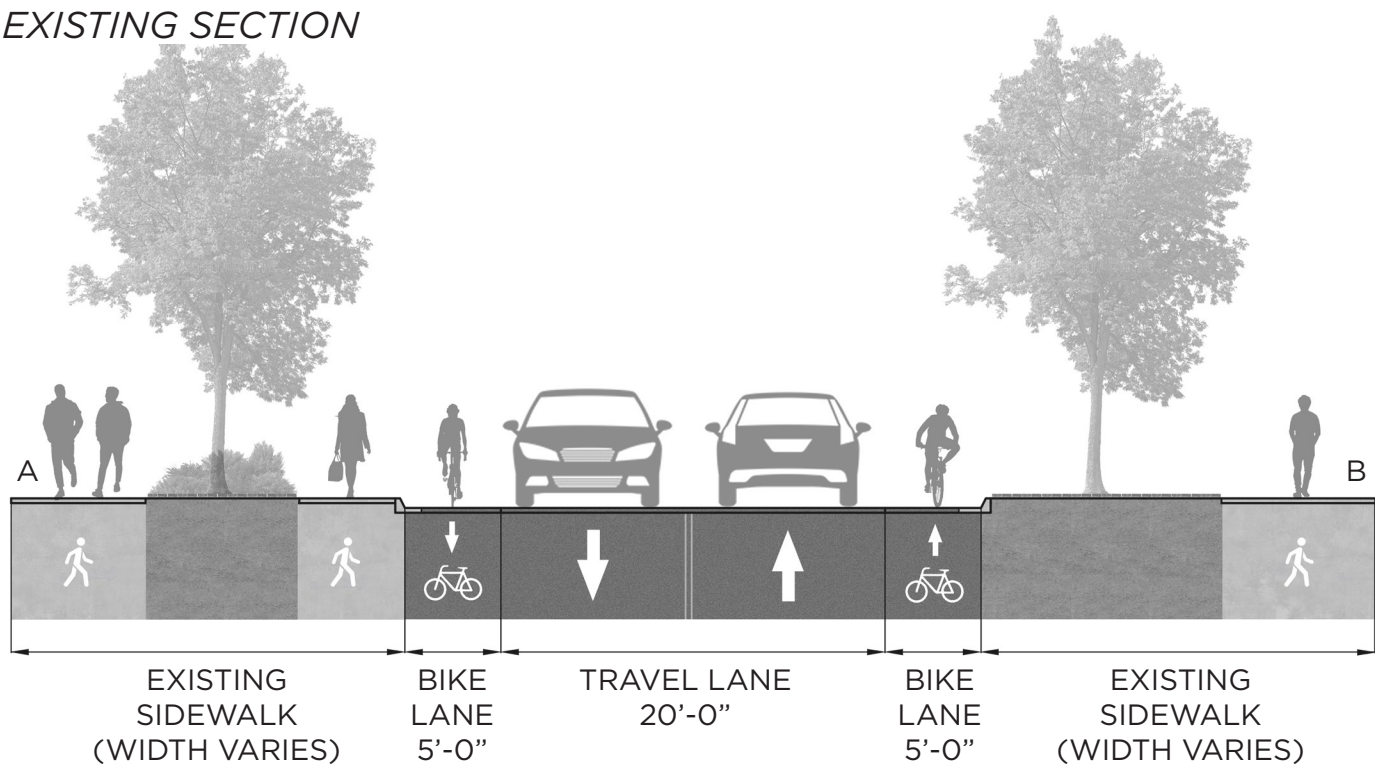
PROPOSED IMPROVEMENTS EXAMPLE



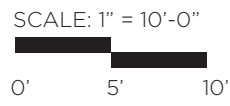
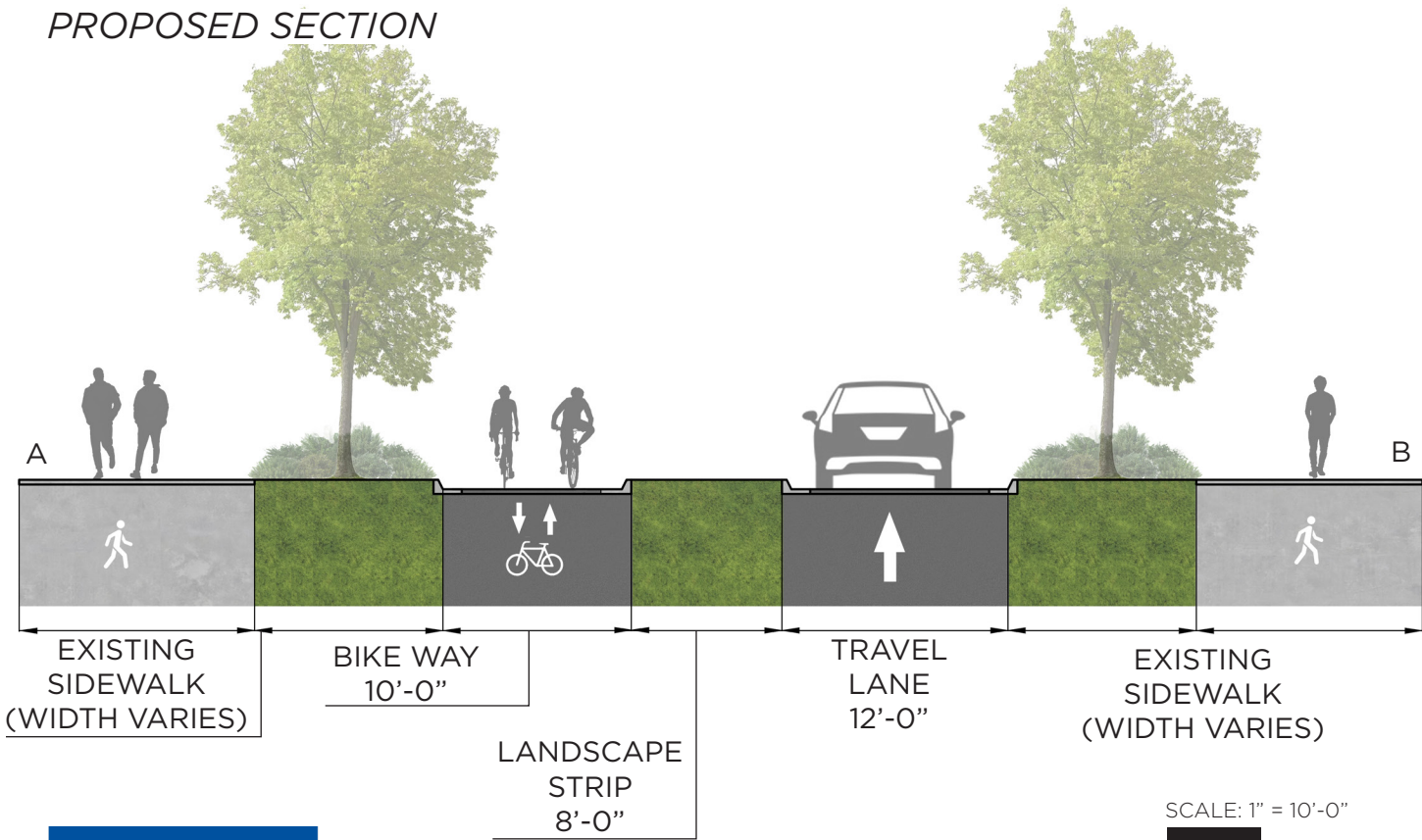


BUCKMAN DRIVE | PLANTED MEDIAN / TWO-WAY CYCLE TRACK (ONE WAY PAIRS)

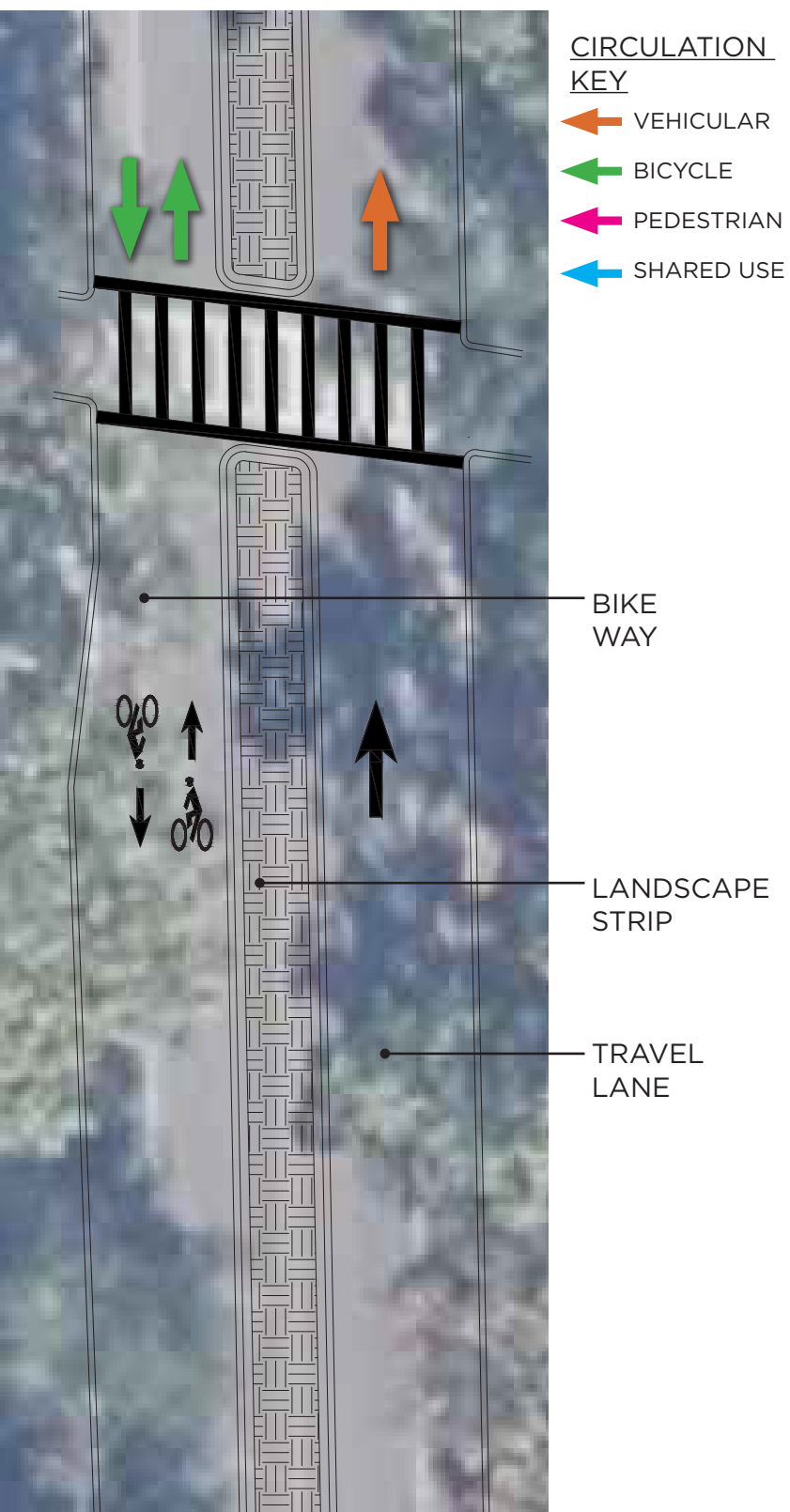
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PROPOSED SECTION

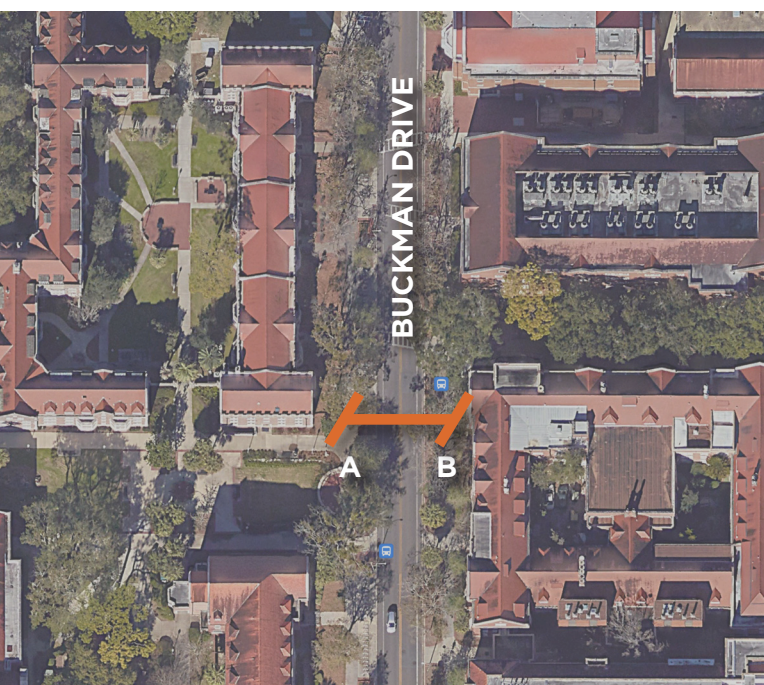


PROPOSED TYPICAL PLAN VIEW



SCALE: N.T.S.

KEY MAP

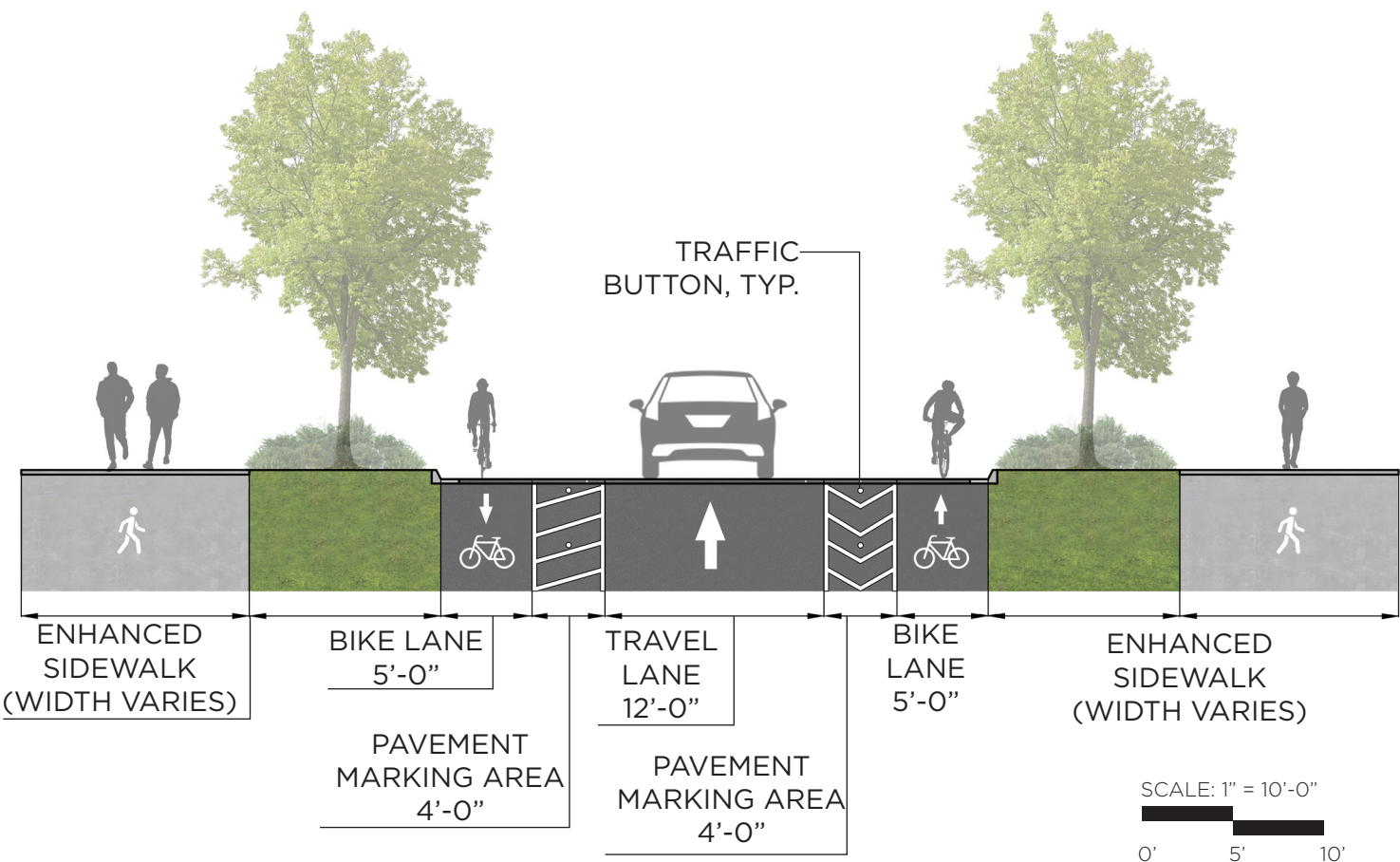


PROPOSED IMPROVEMENTS EXAMPLE

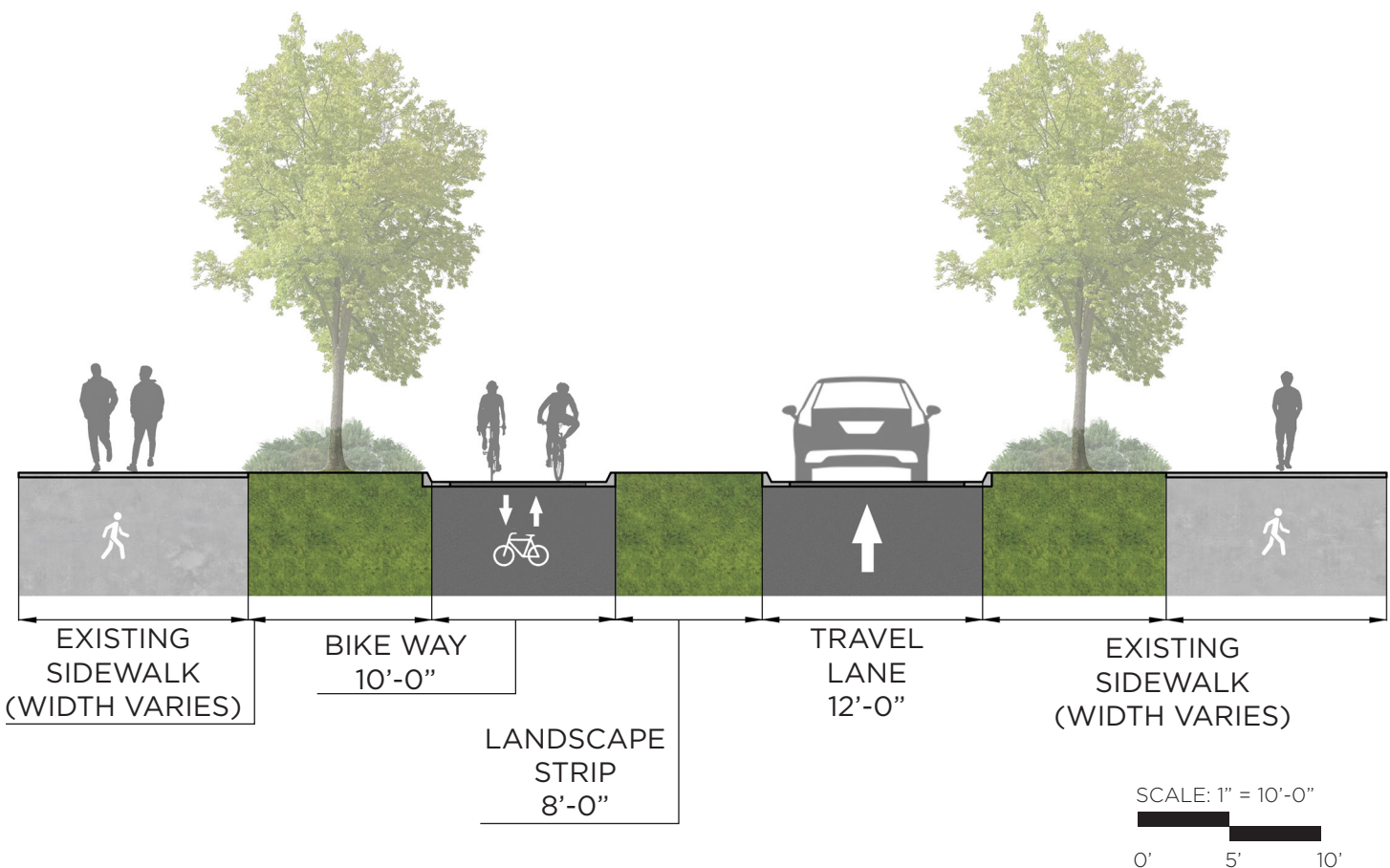




SEPARATED BIKE LANES



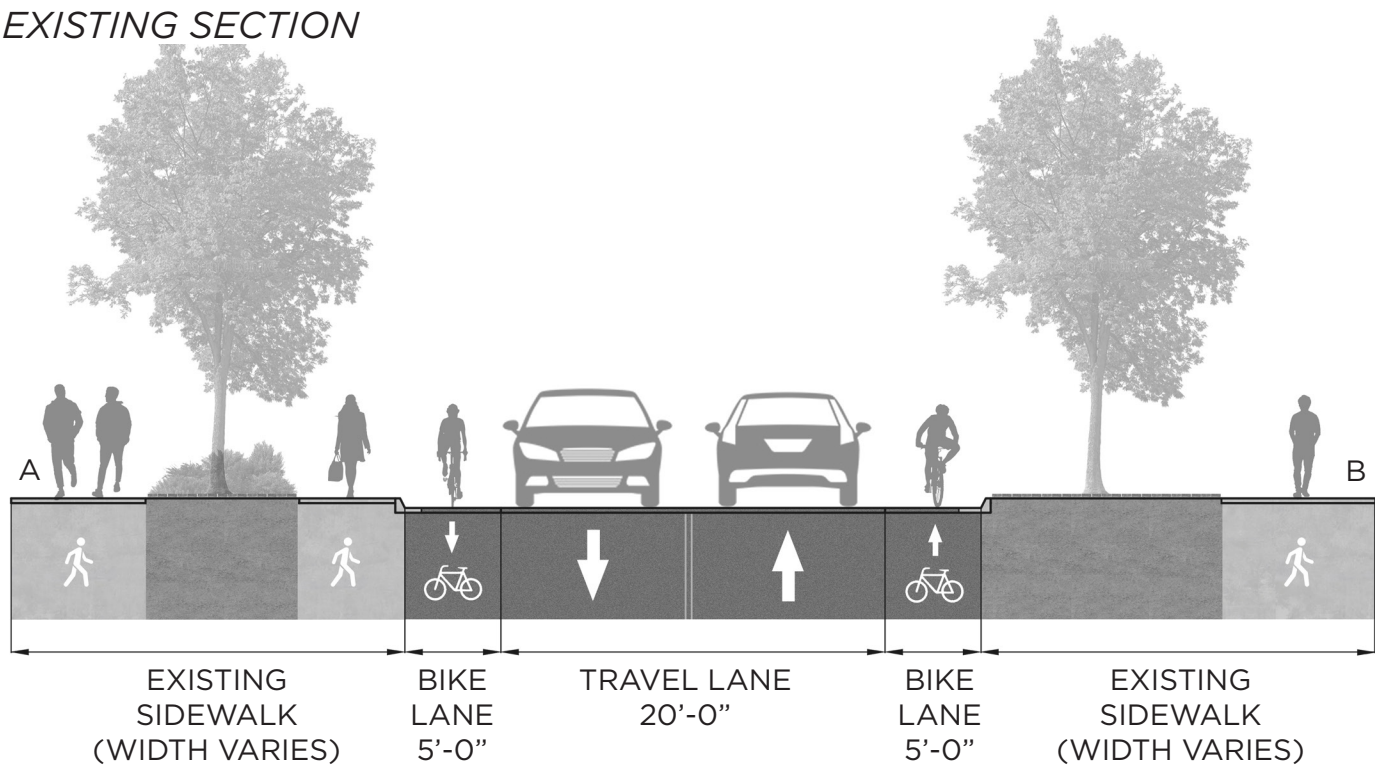
TWO-WAY CYCLE TRACK



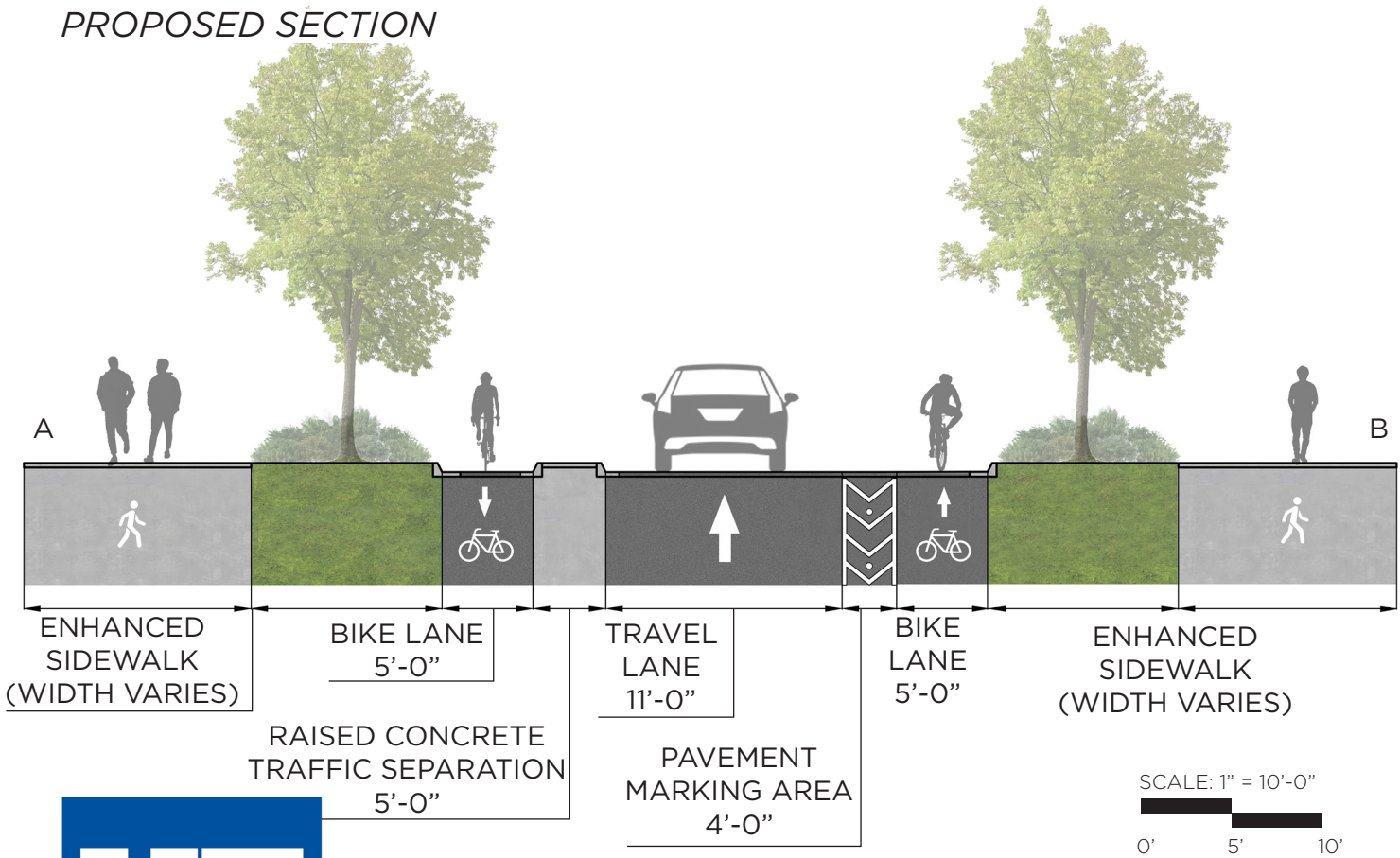


BUCKMAN DRIVE | RAISED SEPARATOR / SEPARATED BIKE LANES (ONE WAY PAIRS)

EXISTING SECTION

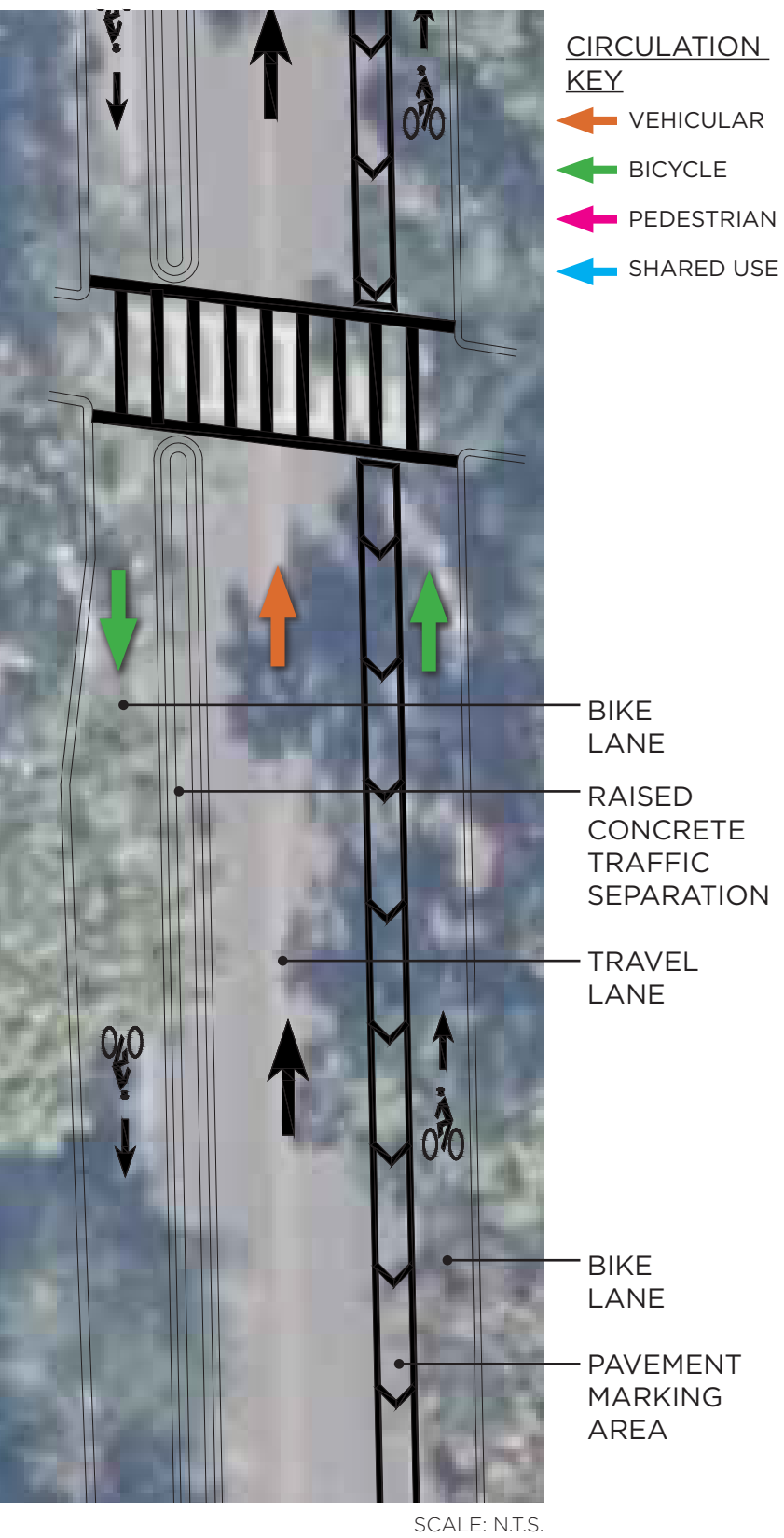


PROPOSED SECTION

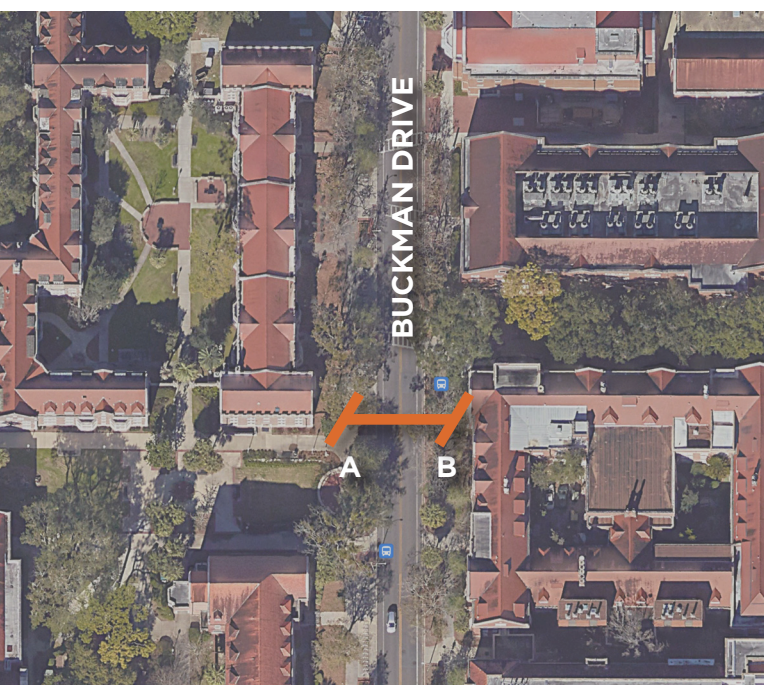


SCALE: 1" = 10'-0"  
0' 5' 10'

PROPOSED TYPICAL PLAN VIEW



KEY MAP



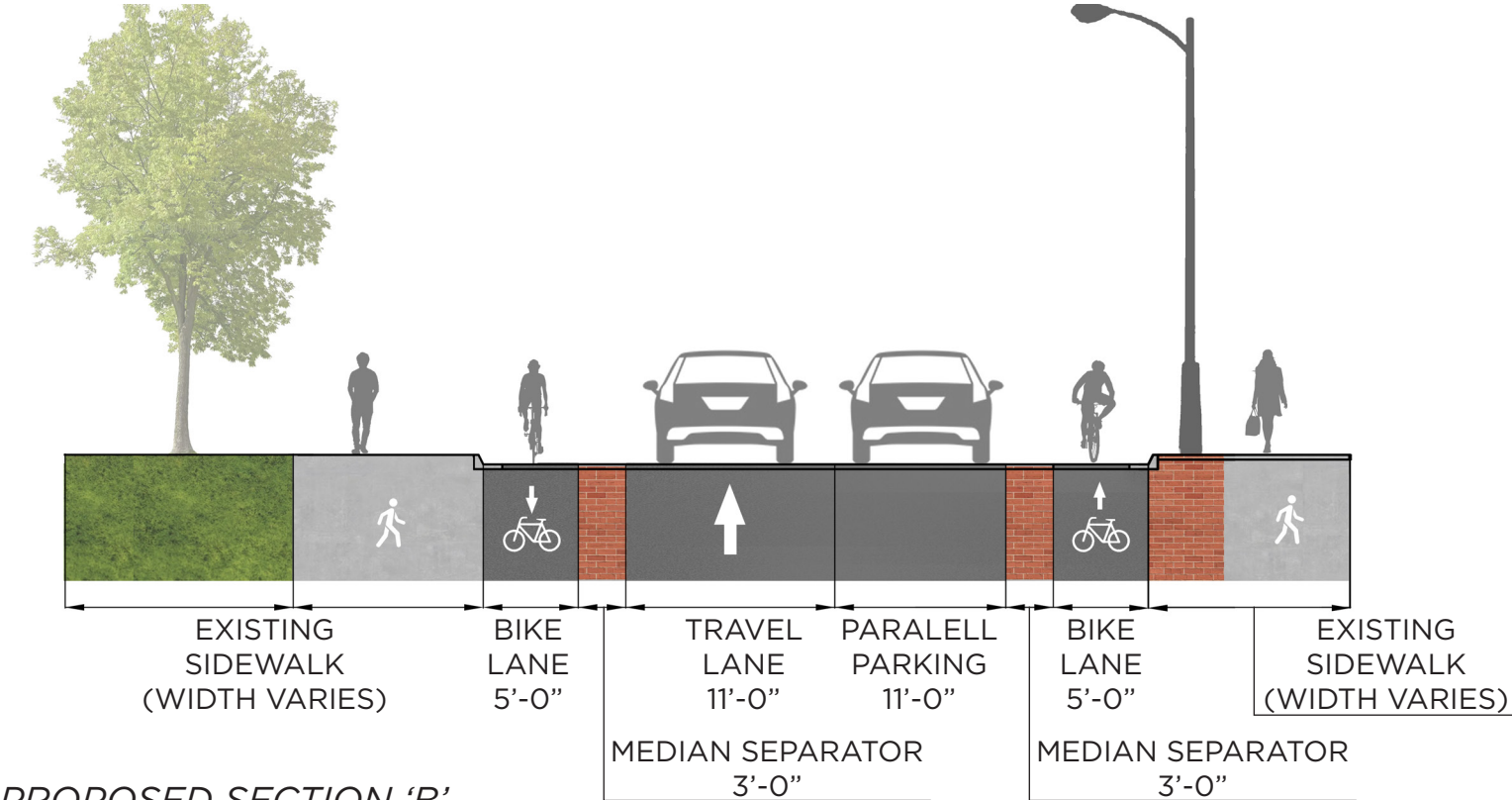
PROPOSED IMPROVEMENTS EXAMPLE





FLETCHER DRIVE | SERVICE TREATMENT (ONE WAY PAIRS)

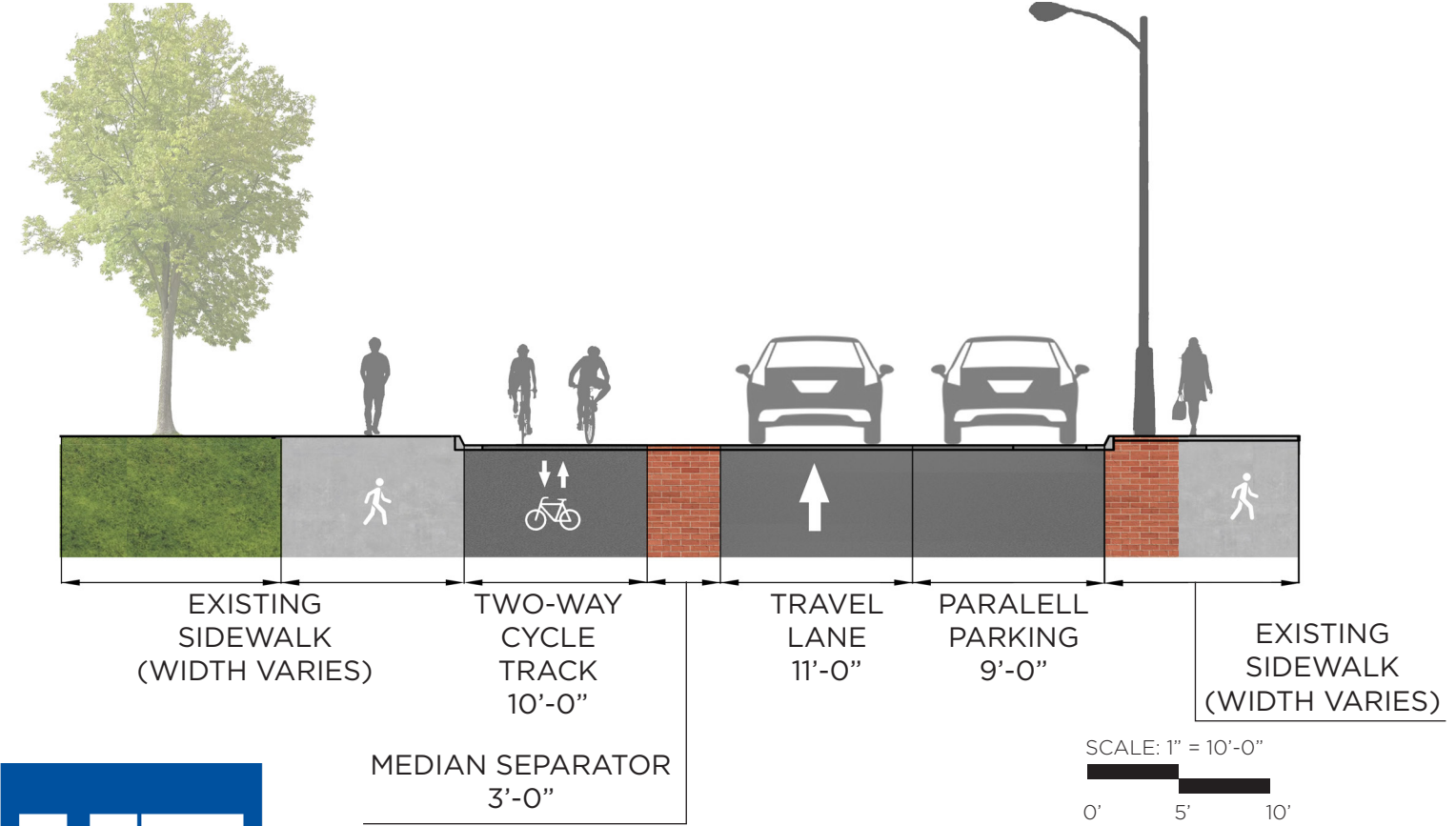
PROPOSED SECTION 'A'



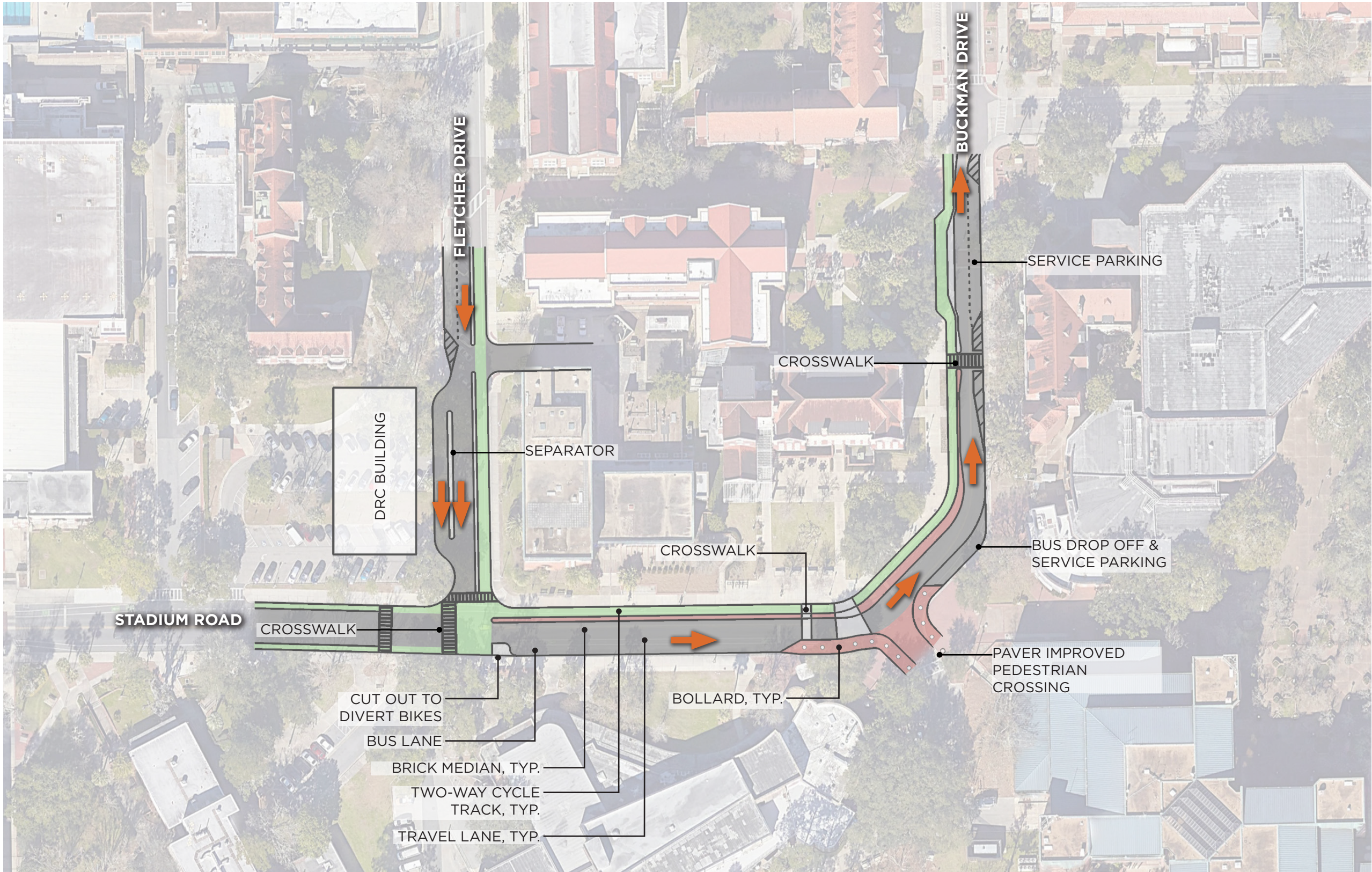
KEY MAP



PROPOSED SECTION 'B'









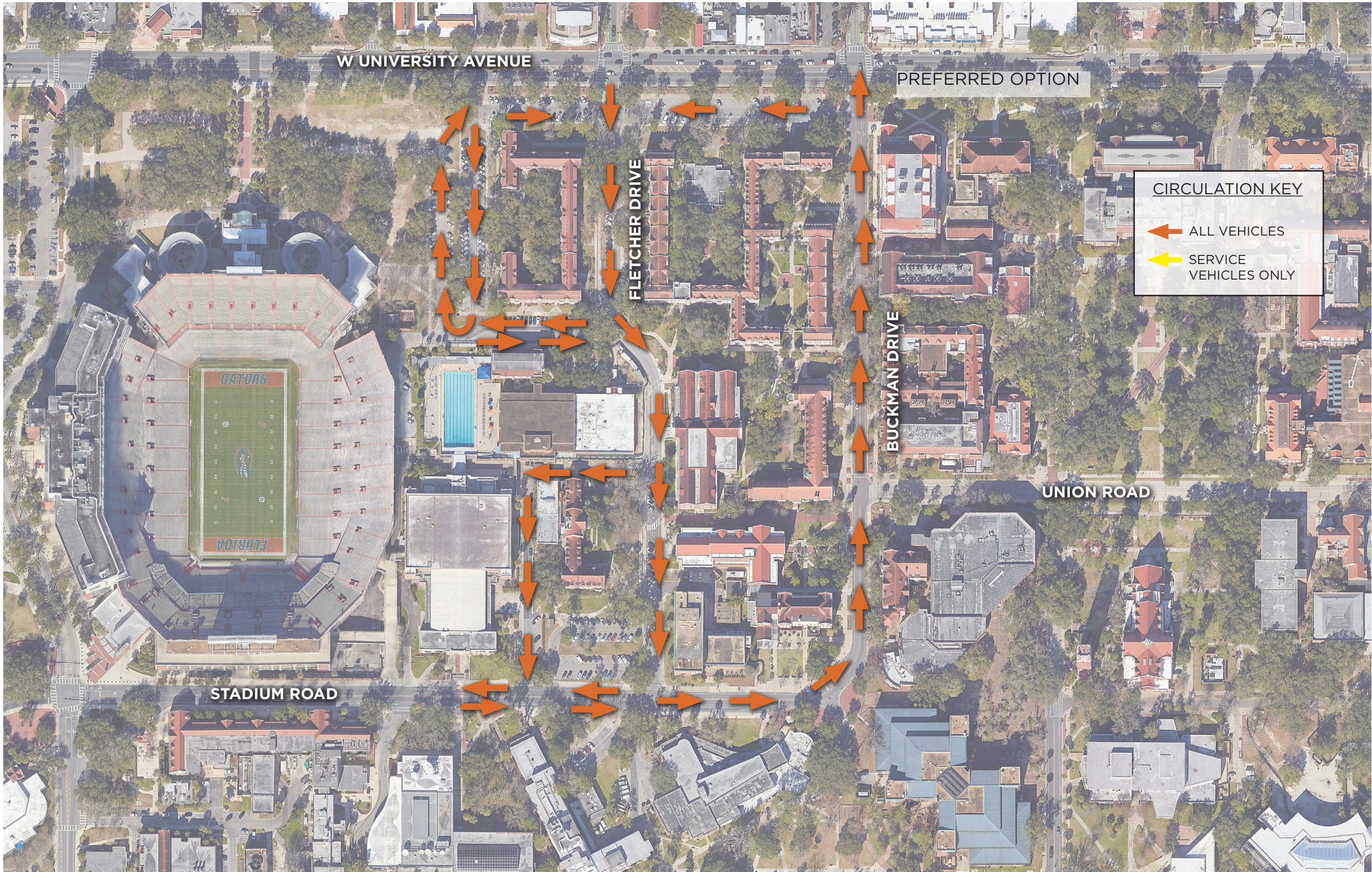


## RECOMMENDED OPTION

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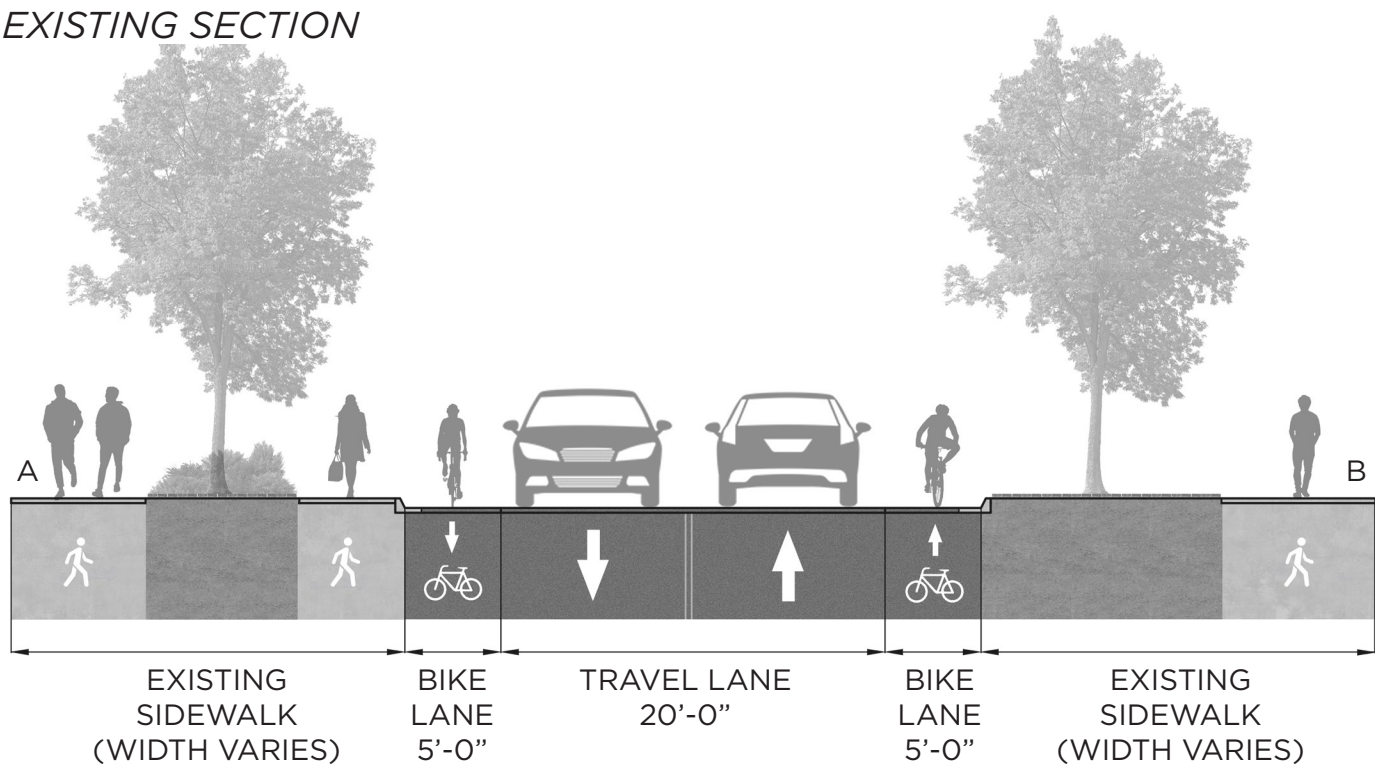




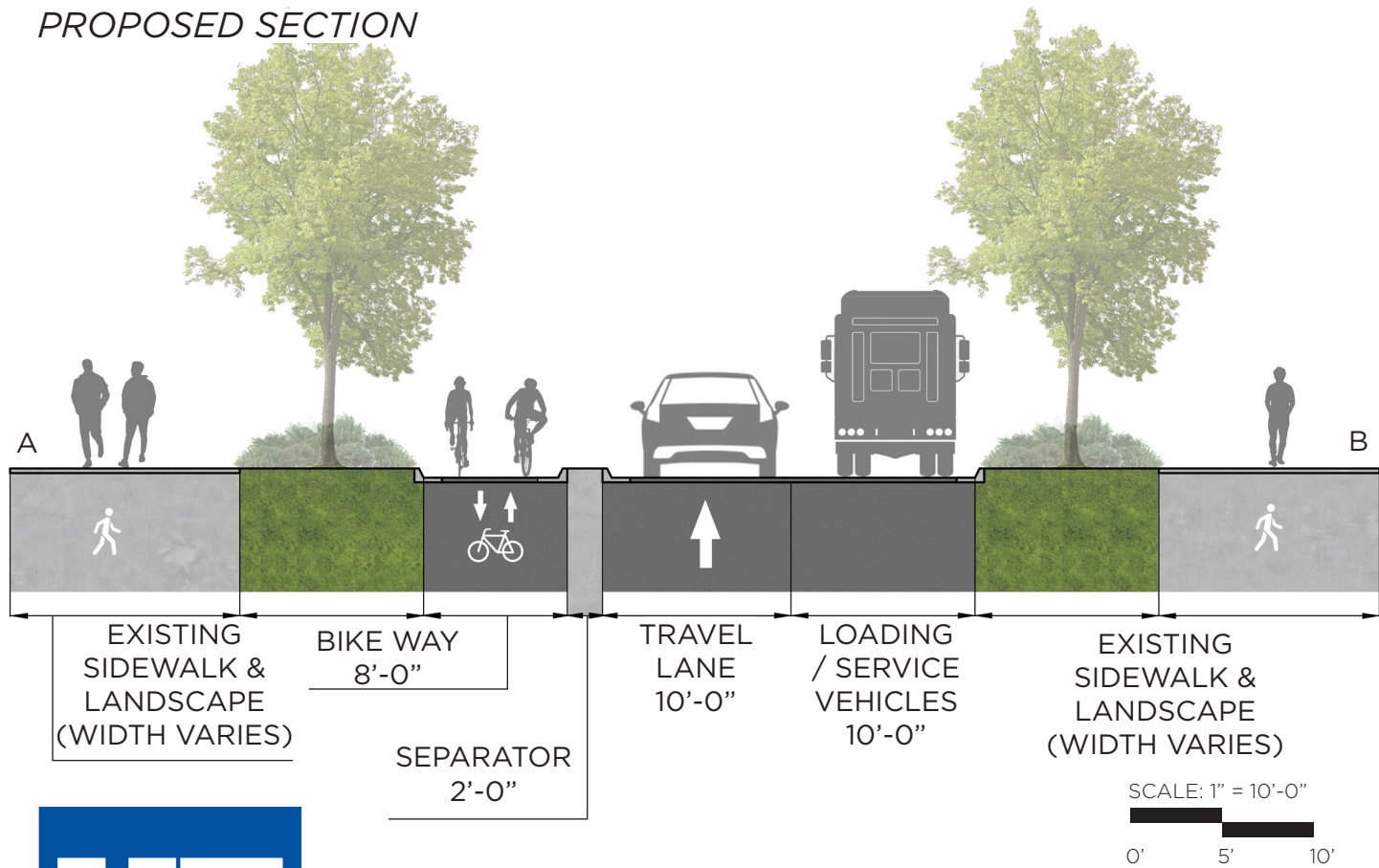


BUCKMAN DRIVE | SEPARATOR/TWO-WAY CYCLE TRACK (ONE WAY PAIRS)

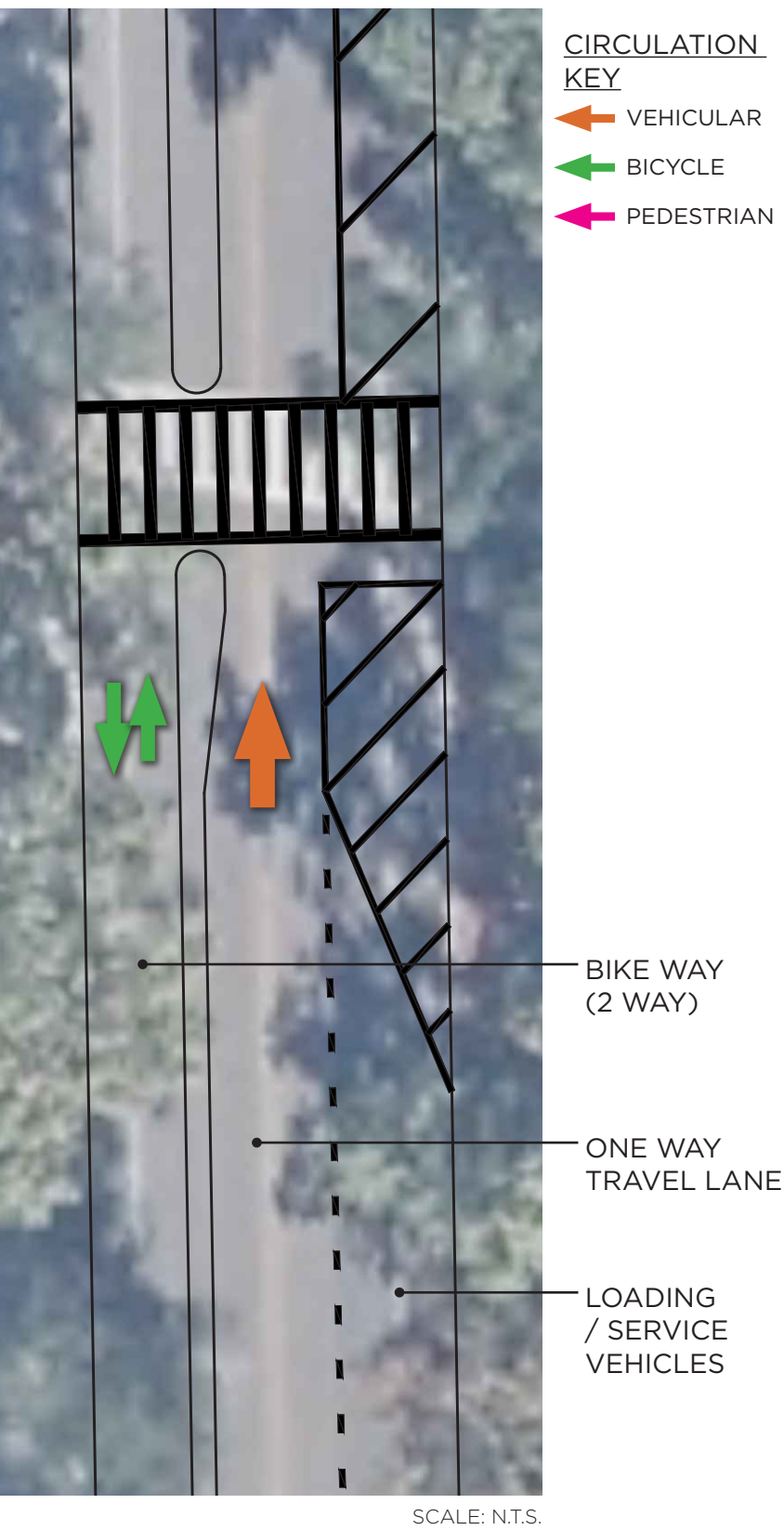
EXISTING SECTION



PROPOSED SECTION



PROPOSED TYPICAL PLAN VIEW

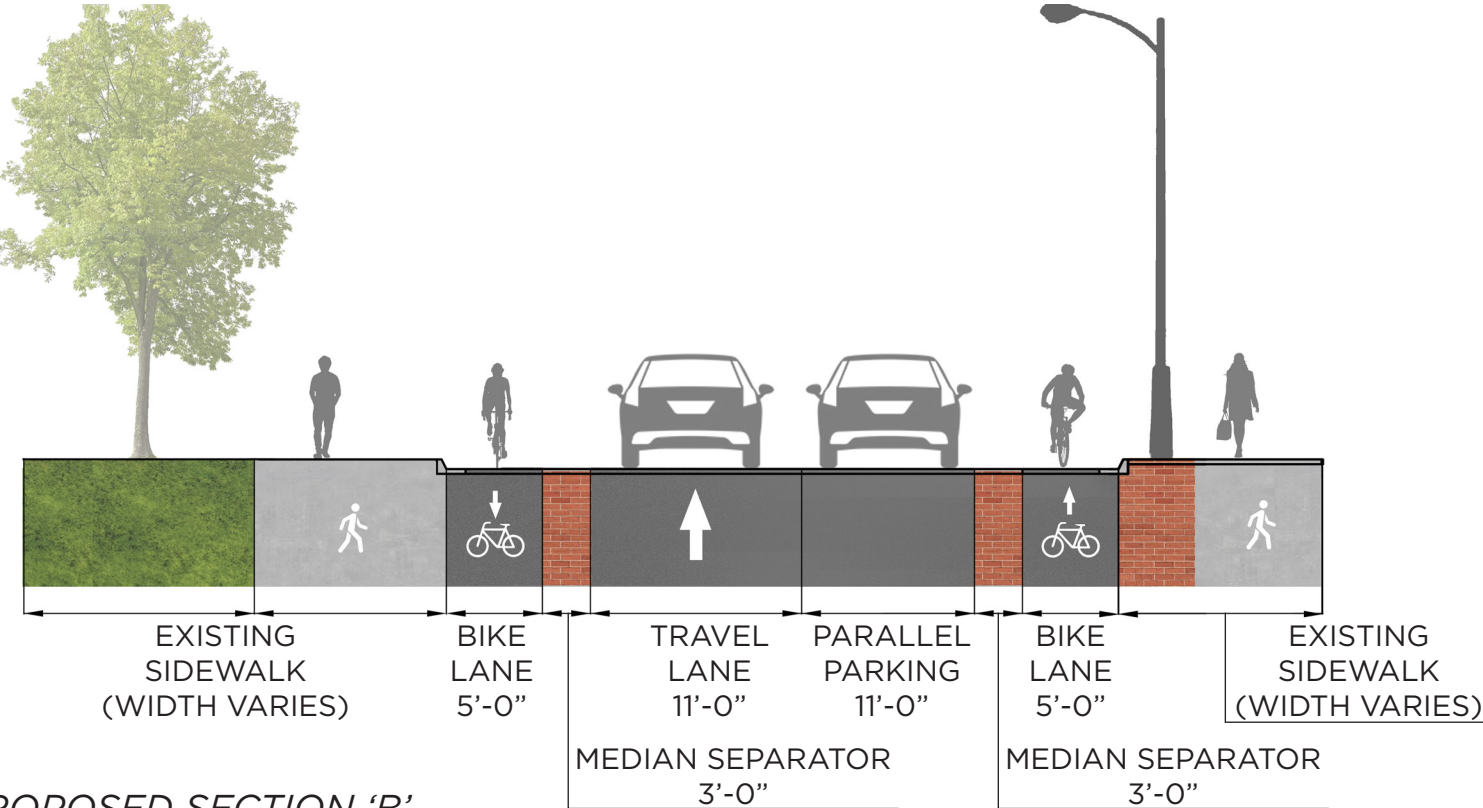


KEY MAP

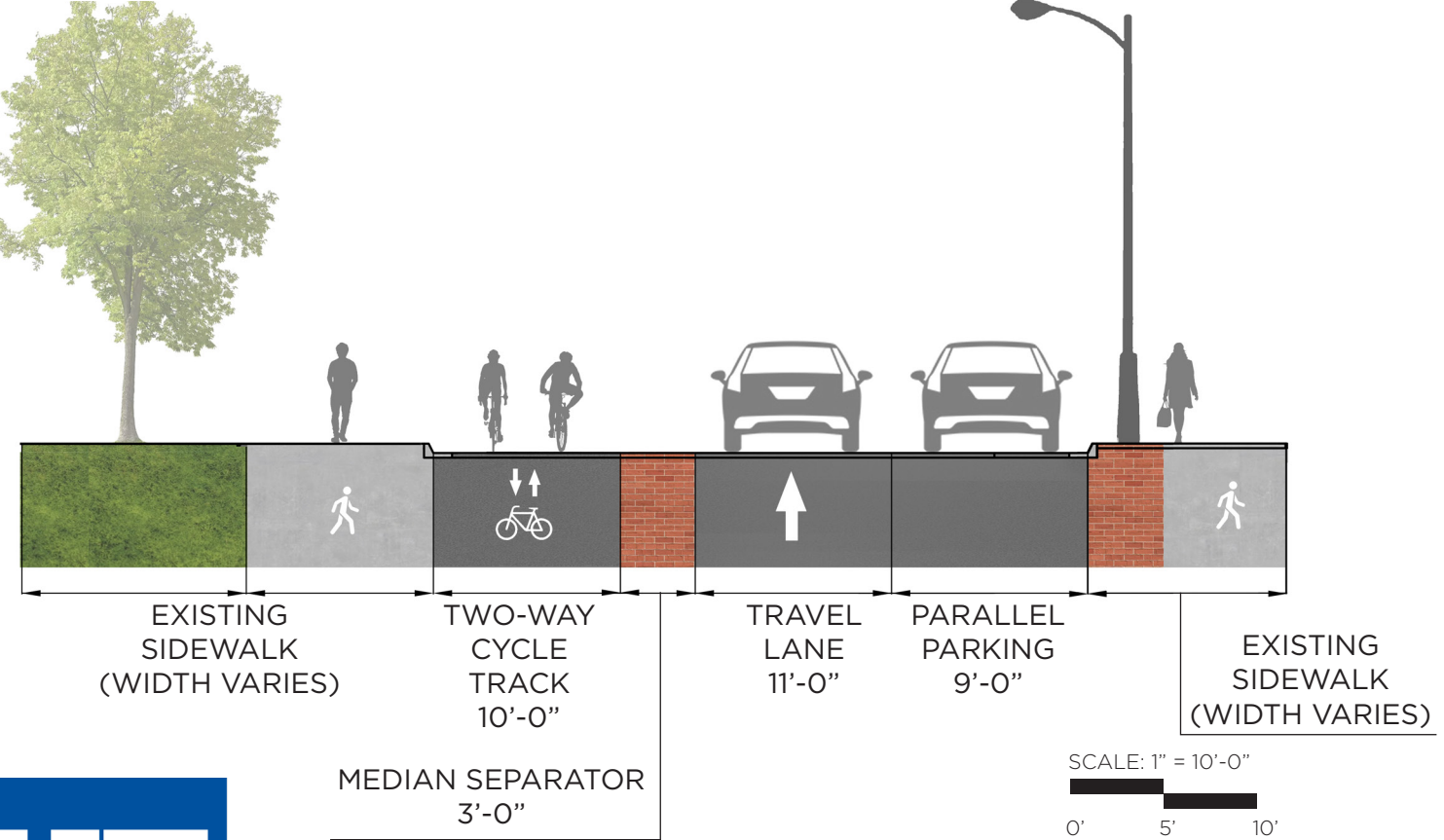




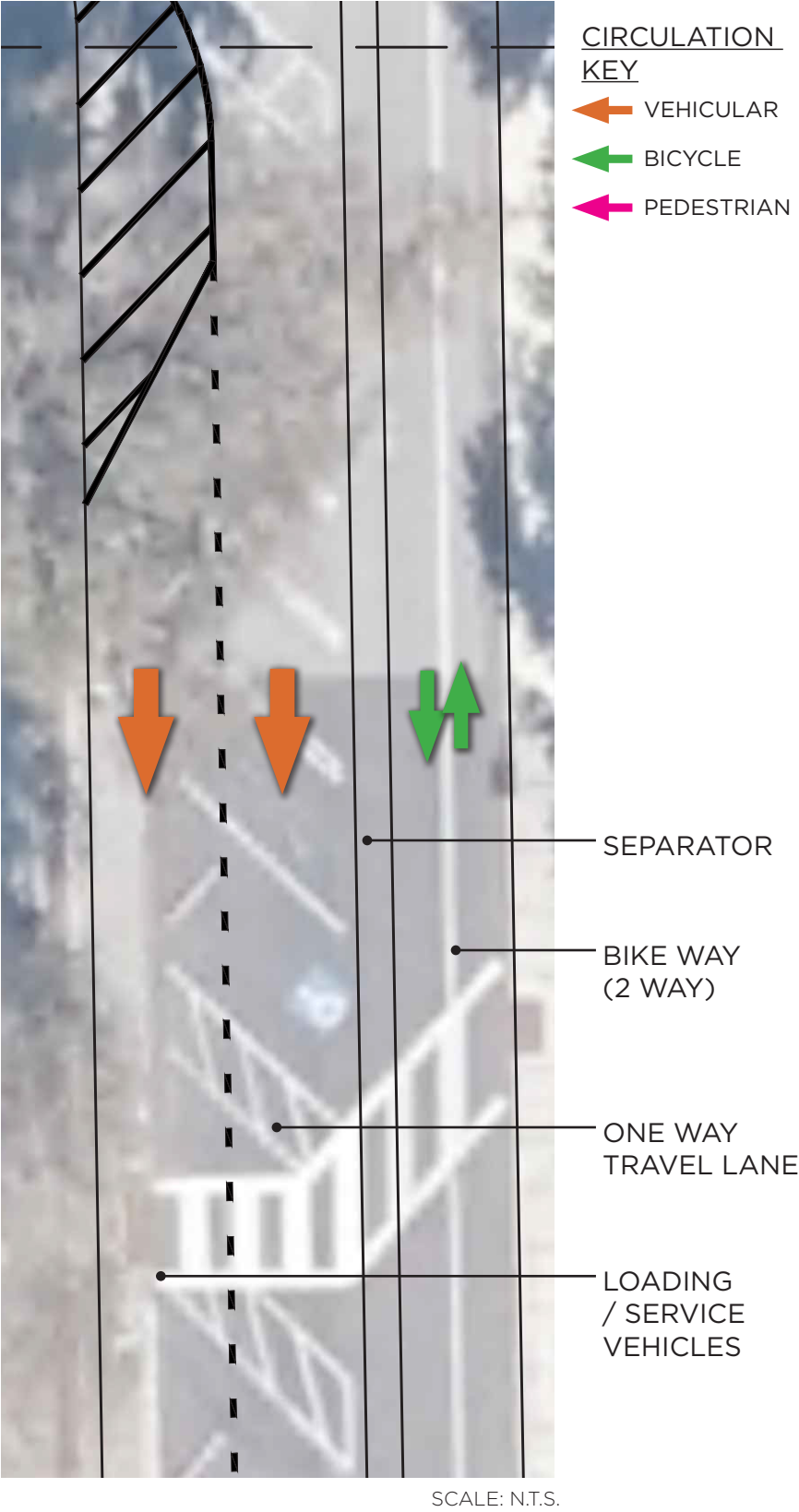
PROPOSED SECTION 'A'



PROPOSED SECTION 'B'



PROPOSED TYPICAL PLAN VIEW

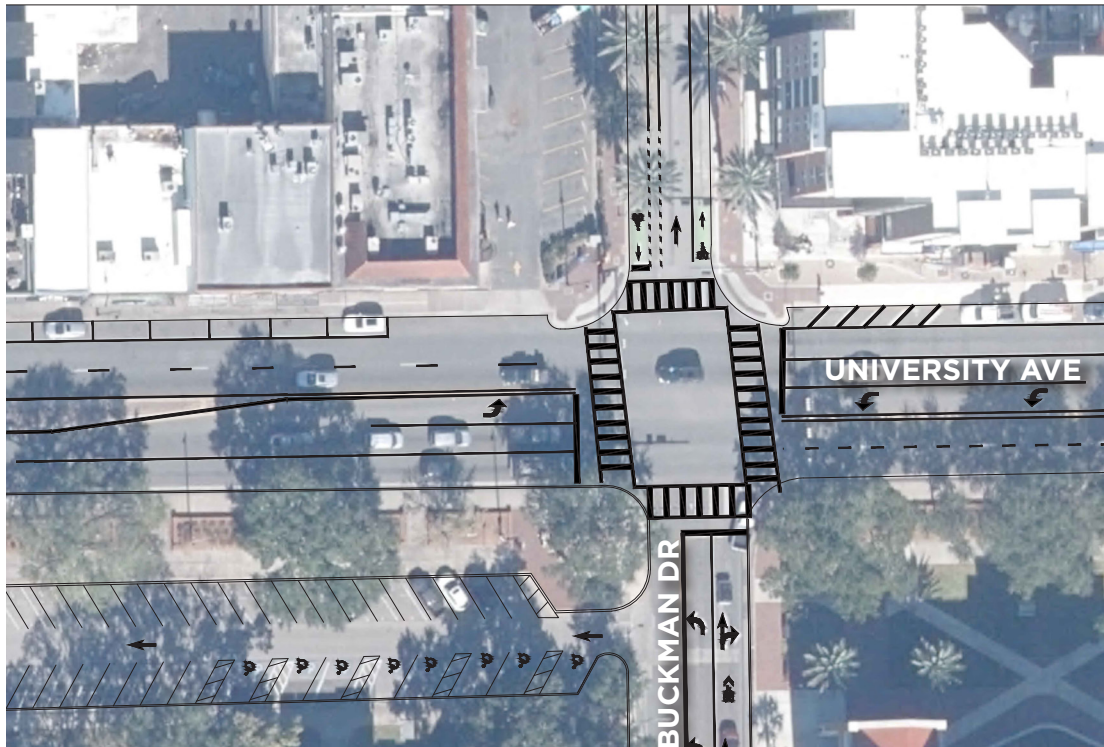


KEY MAP

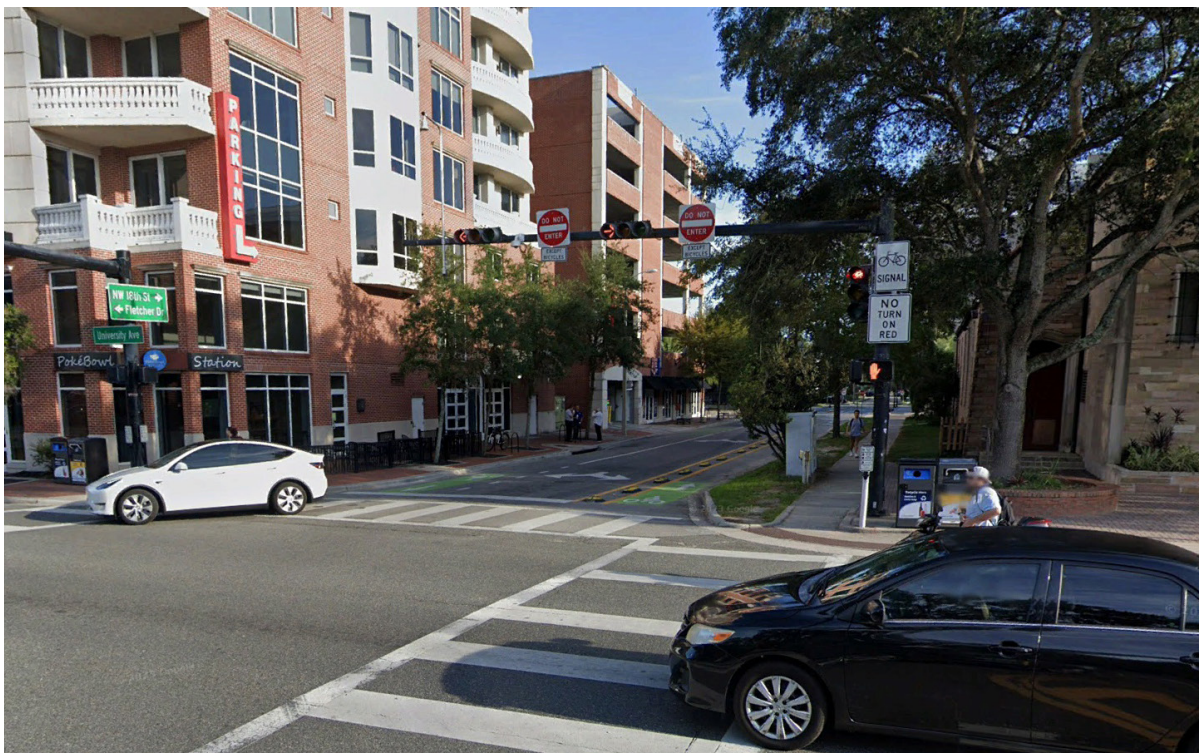
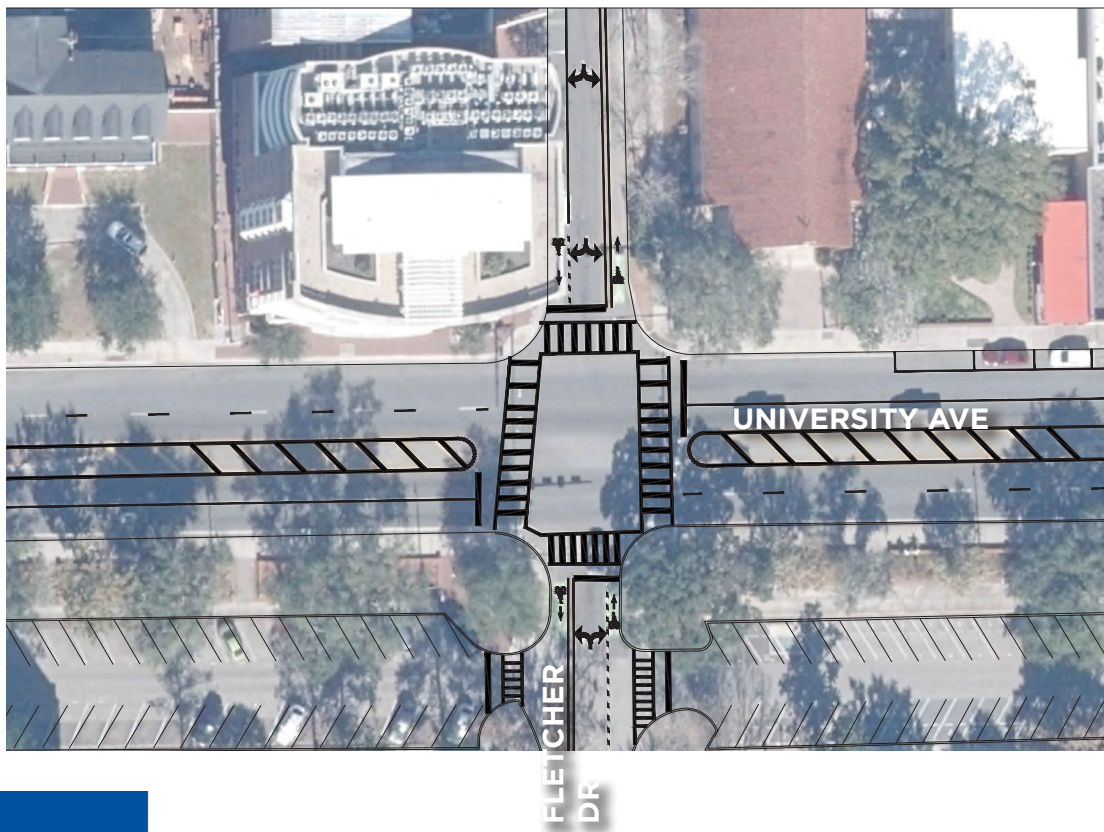




BUCKMAN DRIVE



FLETCHER DRIVE

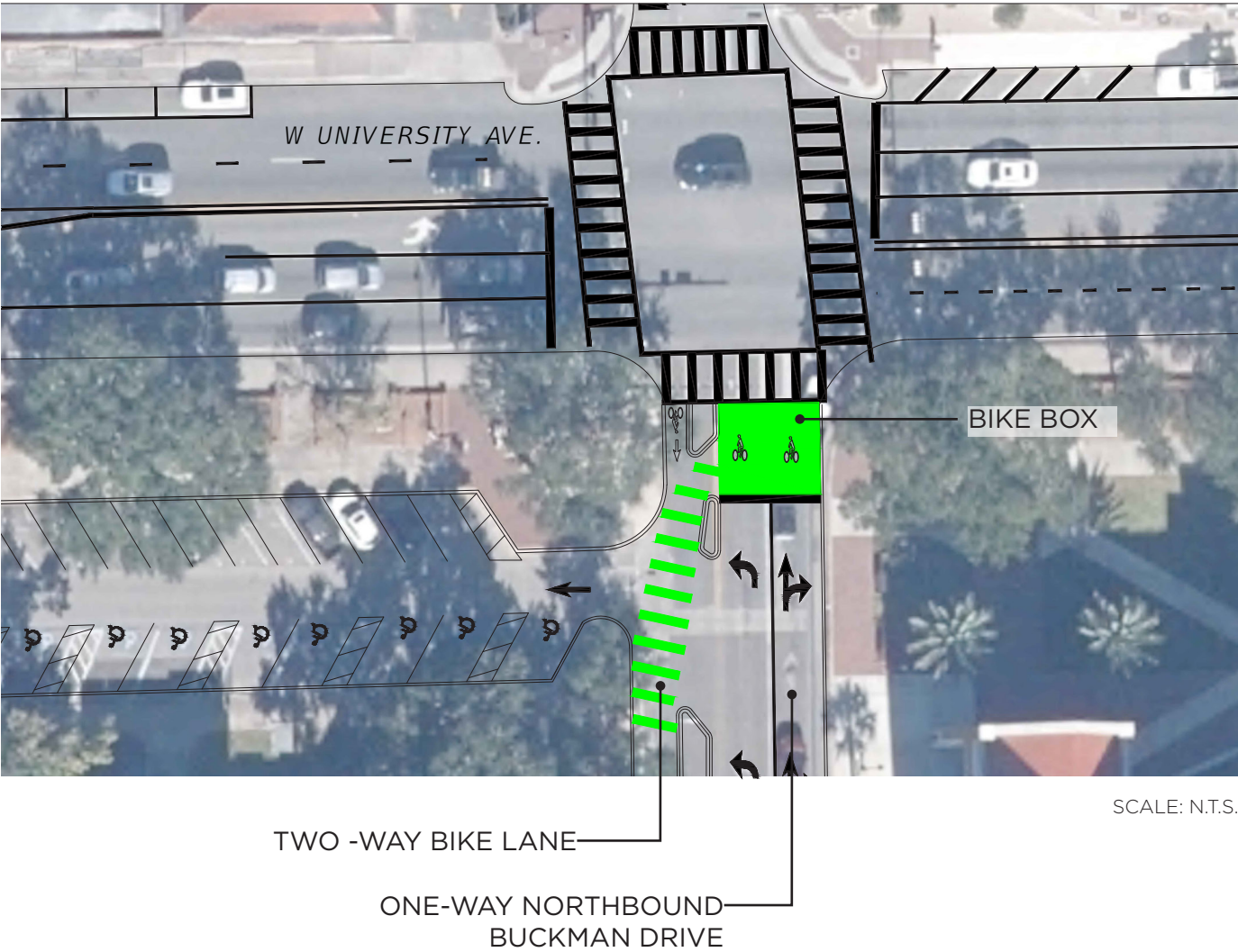




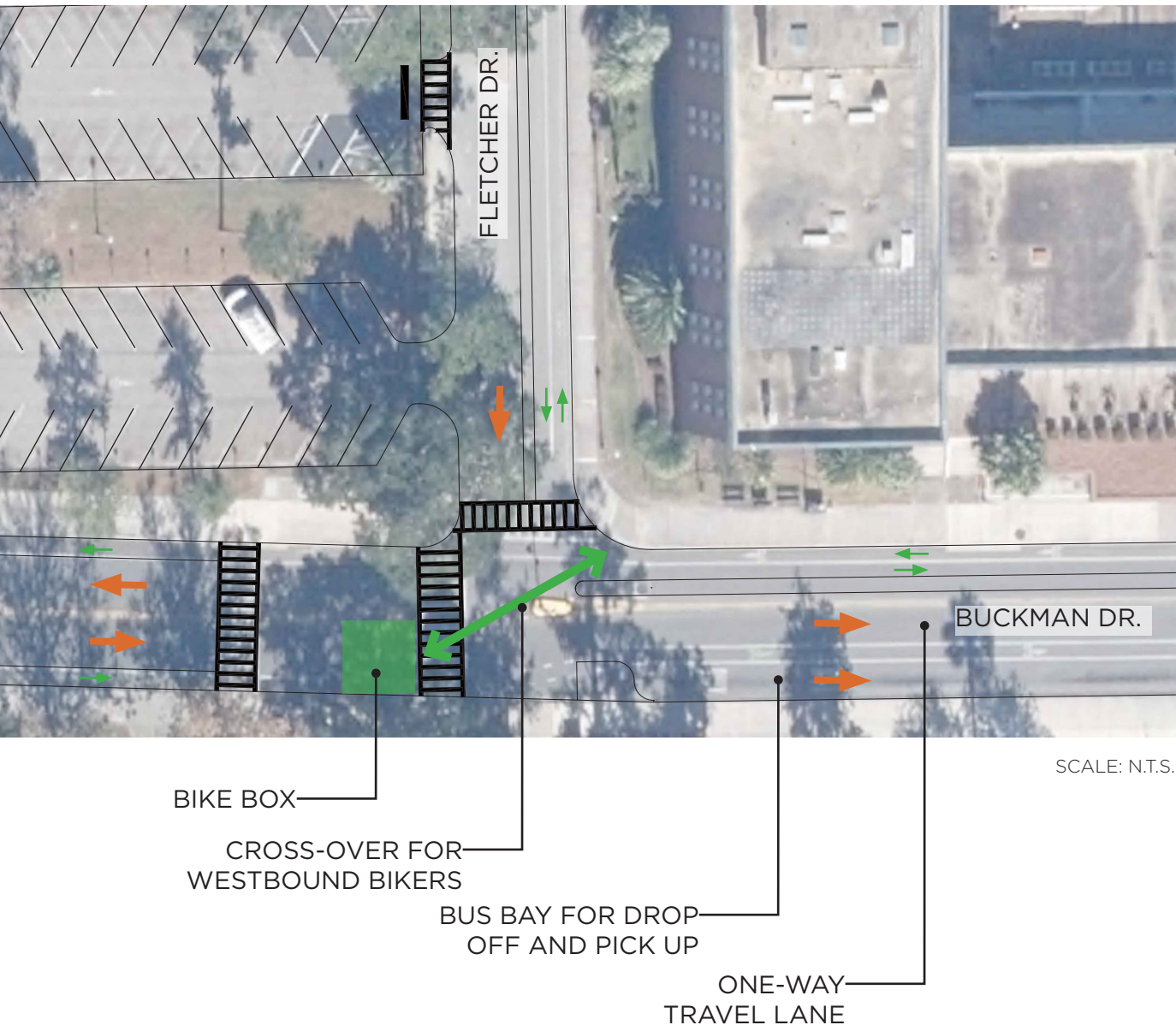
CIRCULATION KEY

- VEHICULAR
- BICYCLE

1 PLAN ENLARGEMENT  
BUCKMAN DRIVE & UNIVERSITY AVE BIKE BOX



2 PLAN ENLARGEMENT  
BUS HUB

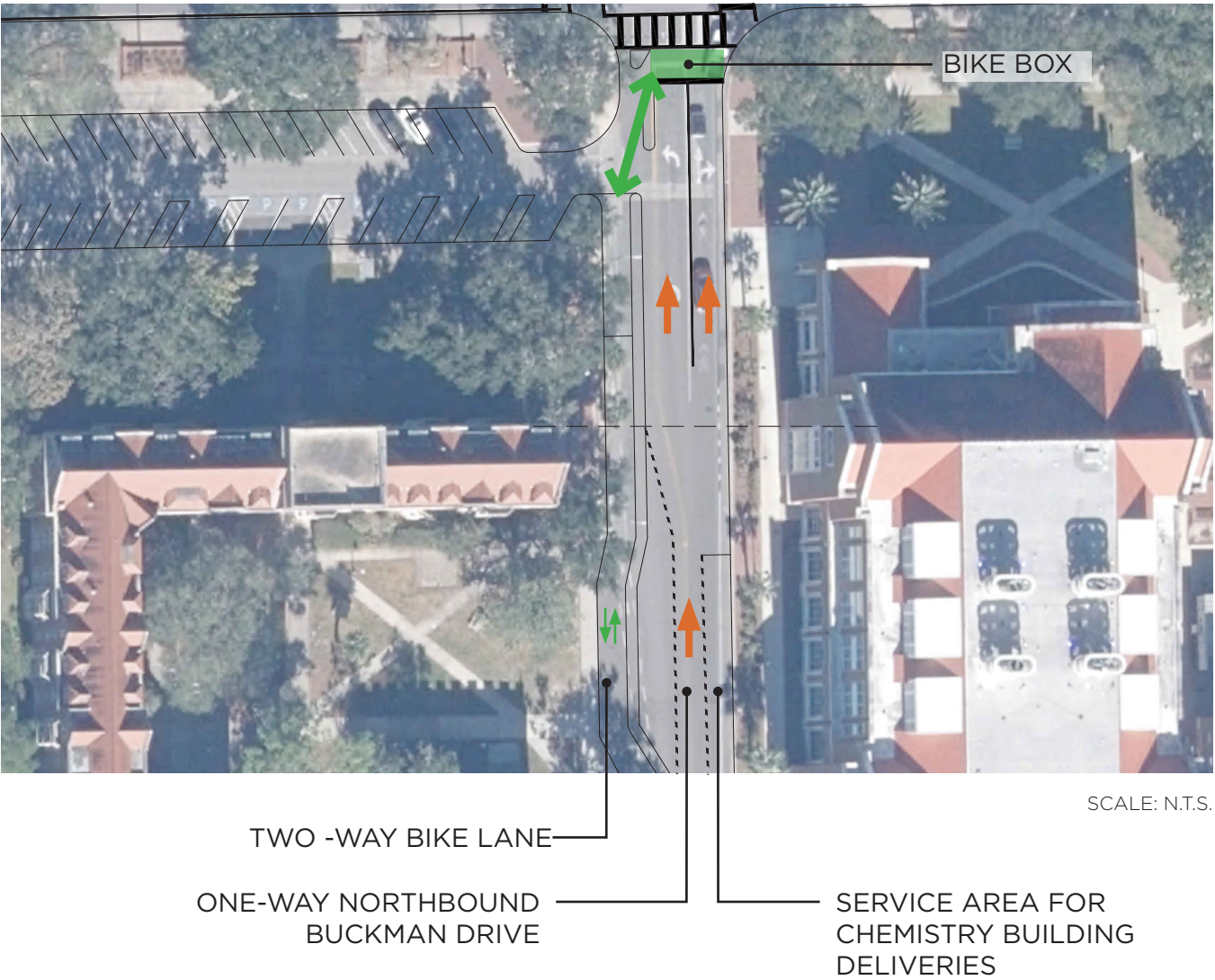




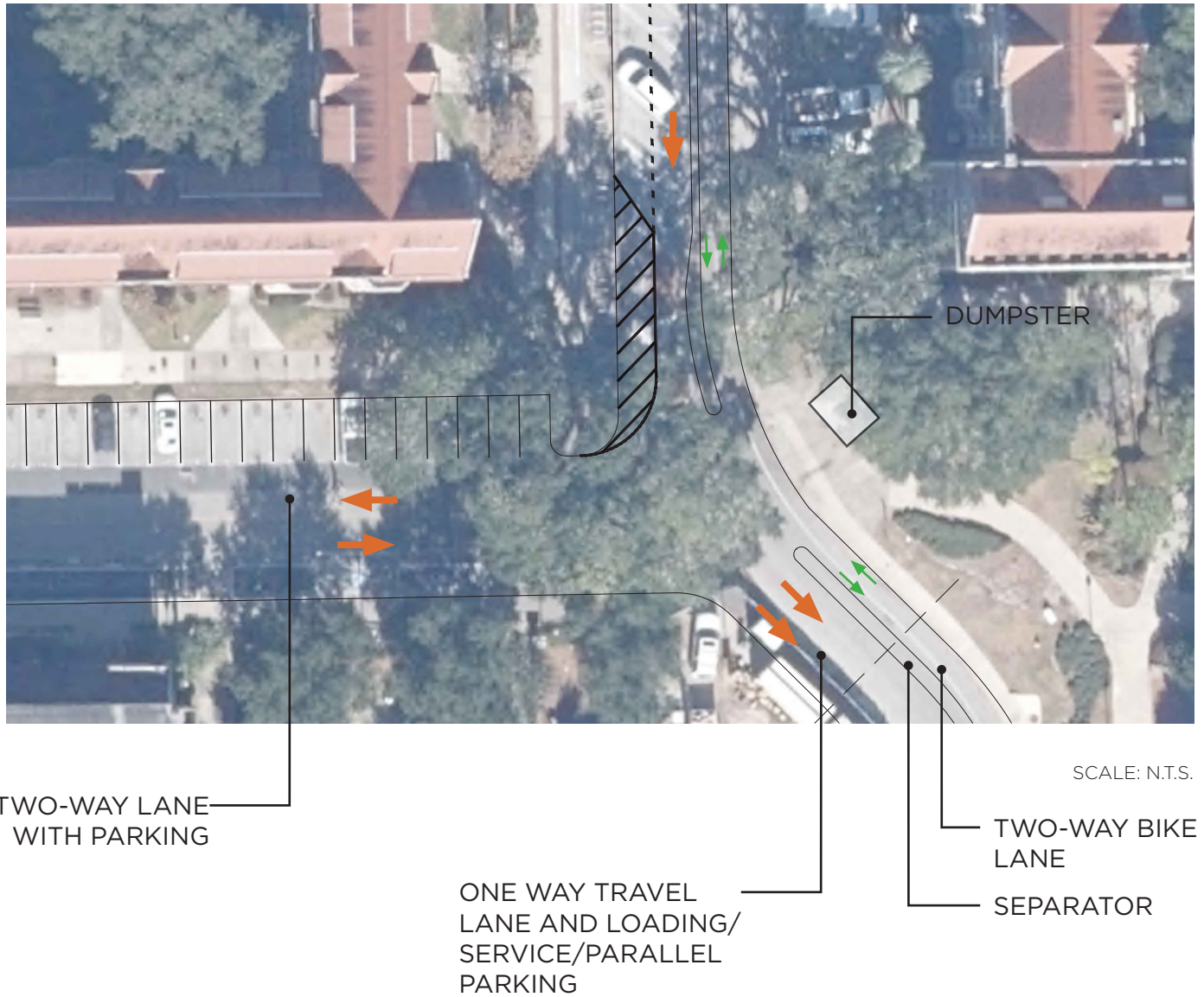
CIRCULATION KEY

- VEHICULAR
- BICYCLE

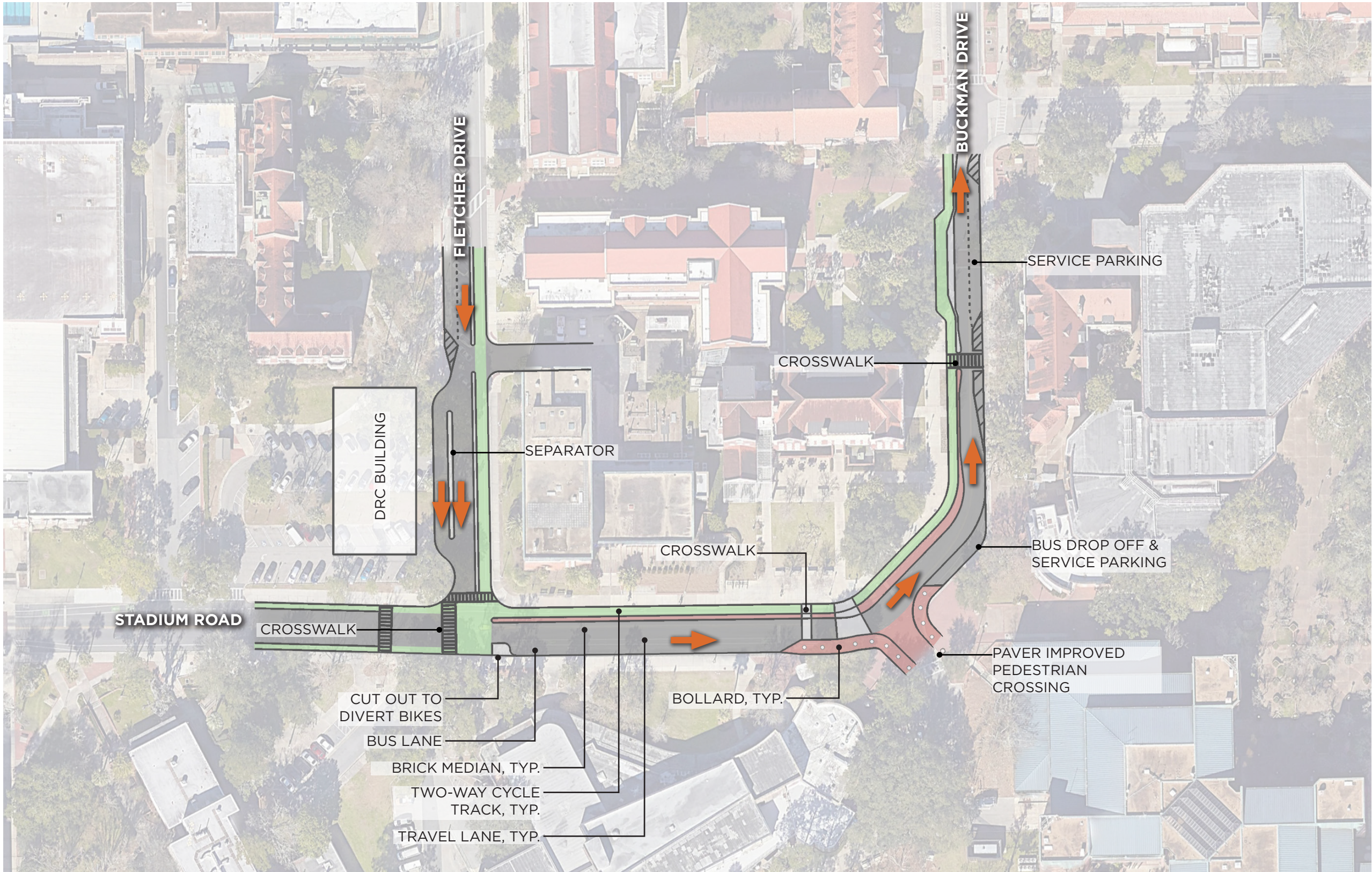
3 PLAN ENLARGEMENT  
CHEMISTRY BUILDING SERVICE AREA ON BUCKMAN



4 PLAN ENLARGEMENT  
FLETCHER DRIVE DUMPSTER









**Request a motion to approve the project as presented.**





# IFAS Building 0981 Microbiology Cell Science Teaching Lab Addition

IF24011

Programming - Land Use Committee  
February 6, 2024

Sean Mountain, Project Manager





## Project Overview





## Project Overview

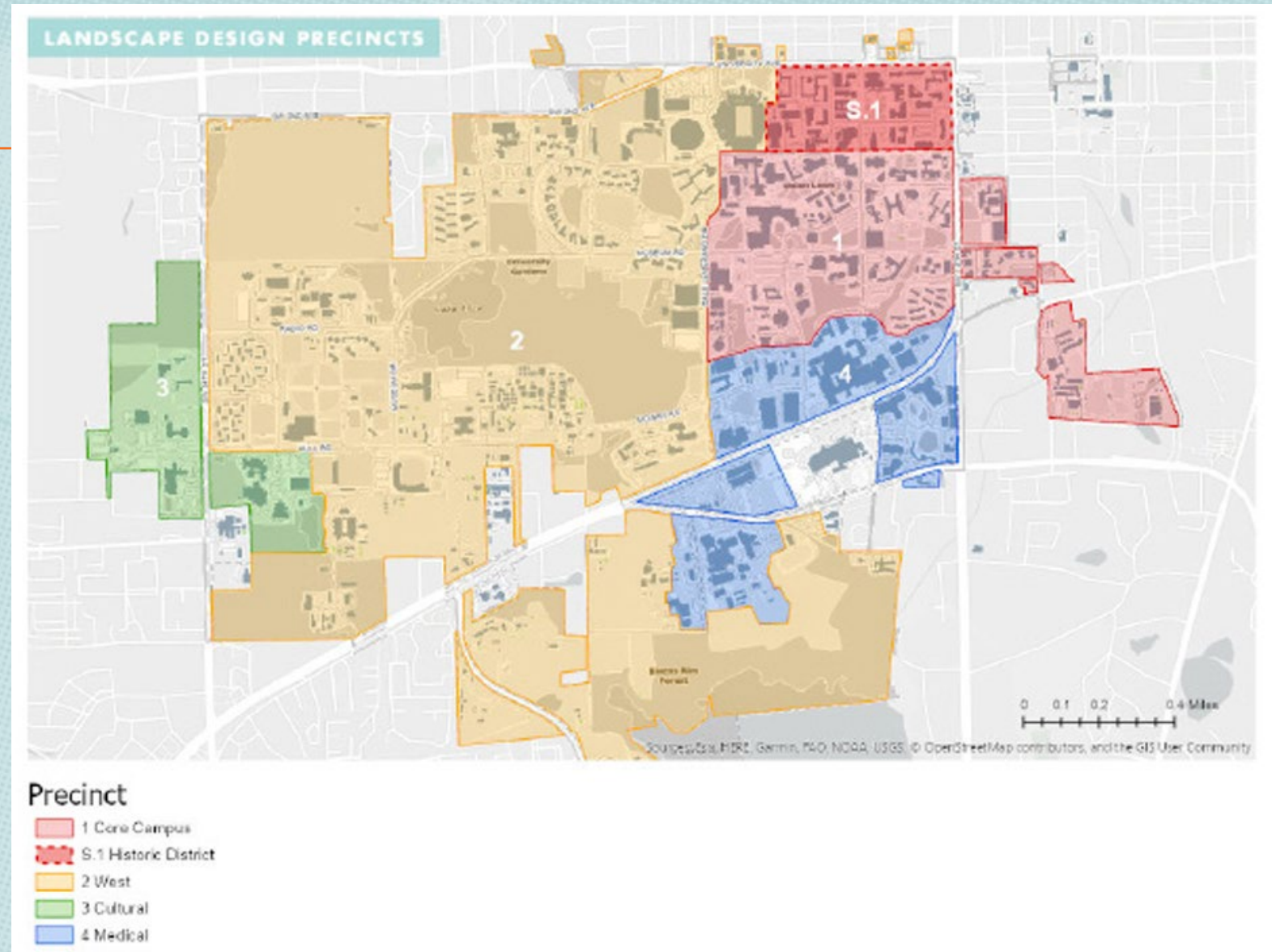
- The existing **Microbiology and Cell Science facility (Building 0981)** is located at 1355 Museum Drive, Gainesville, FL 32603 on the University's main campus. This project consists of **constructing a +/-5,000 sf building addition to the south side of the existing facility for new classrooms and walk in refrigerator equipment.**
- No new utilities services are required to the proposed addition (i.e., all services to be serviced from the existing building). Relocation of existing utilities (Chilled Water, Potable Water, Fire Services and Sanitary Sewer) may be required.
- The building falls within the UF Master Plan and UF Master Stormwater Permit. Our preliminary review indicates it is consistent with the UF Master Plan and will only need to connect to the existing storm infrastructure. If offsite stormwater improvements are identified beyond the project limits those can be accomplished as additional services.
- Future Land Use – **Academic / Research**





## Landscape Master Plan

- The project site is located in Precinct 2.





## Existing Conditions





## Existing Conditions





## Site Plan



*Plant material and site furnishings proposed will be compliant with the UF Landscape Master Plan Standards.*



Request a motion to approve the project as presented.



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*Updated January 2024*  
*LAND USE & FACILITIES PLANNING COMMITTEE*



# COMMITTEE ORIENTATION

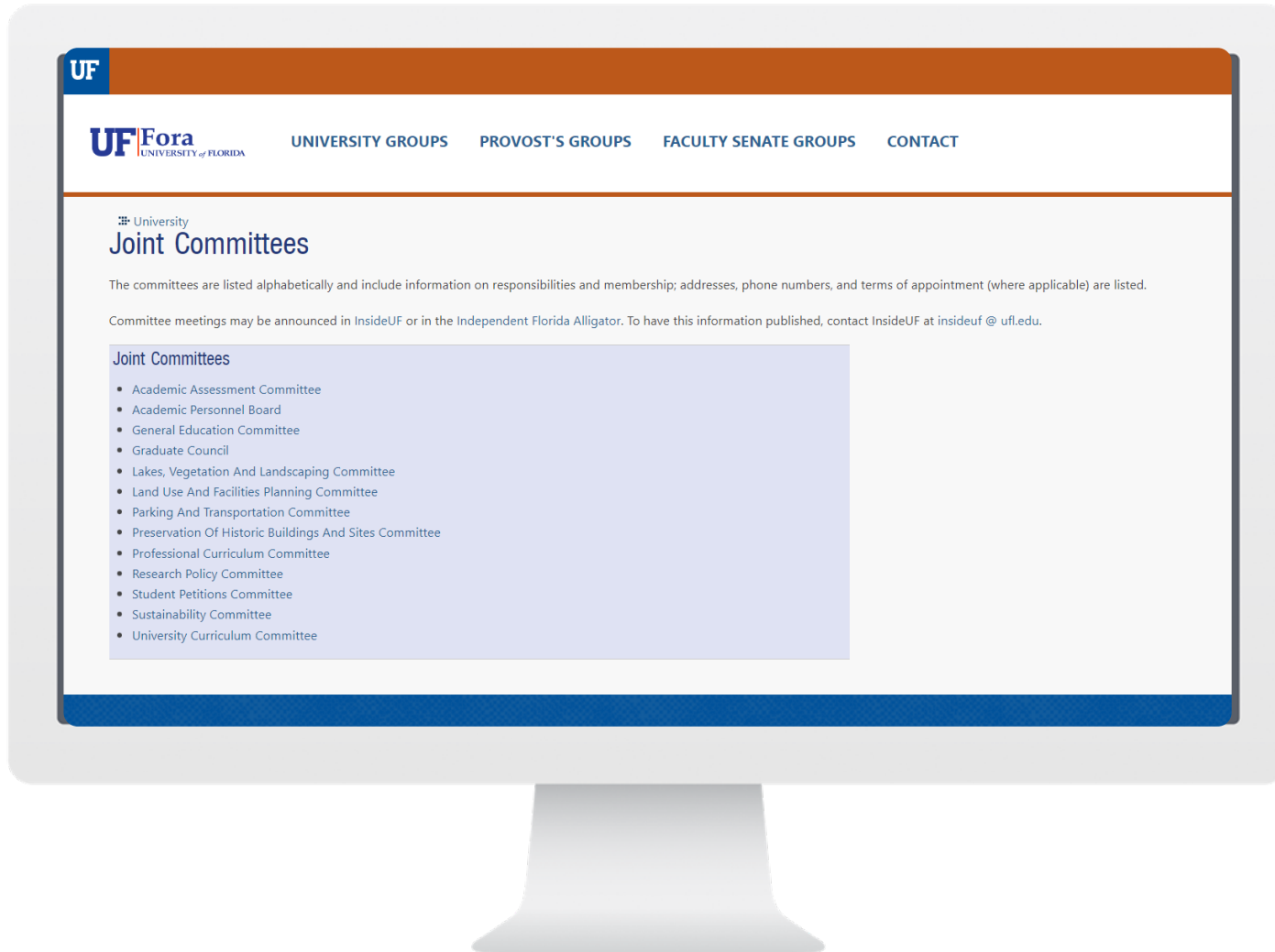


**BUILDING FOR THE  
GATOR GOOD**

PLANNING•DESIGN•CONSTRUCTION



## WHY DOES UF HAVE COMMITTEES?



### 1 SHARED GOVERNANCE

Shared governance is a system of dual authority and responsibility, constitutionally created, in which administrators and faculty participate in the decision and policy making process.

### 2 PARTICIPATION

Serving on University Councils and Committees is the primary means of direct participation in University governance.

### 3 RECOMMENDATIONS

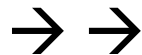
Committees are the vehicles for providing recommendations to the UF Faculty Senate & UF President. **The Land Use & Facilities Planning Committee makes recommendations directly to the VP of Business Affairs.**



## COMMITTEE ROLES & RESPONSIBILITIES

# LAND USE & FACILITIES PLANNING COMMITTEE

- Provide recommendations regarding the enforcement of the UF Campus Master Plan policies and guidelines.
- Provide input on the development and updating of the Campus Master Plan.
- Recommend approval or denial for land use changes, project sites, architectural design of buildings, building additions and renovations, utility projects, and other proposals that change the campus footprint.
- Works with other committees in an integrated and holistic approach to campus planning and development.
- Provides recommendations to the VP of Business Affairs focusing on the overall appearance and development of the campus.







## ***LAND USE & FACILITIES PLANNING COMMITTEE***

### **COMMITTEE INFORMATION:**

LUFPC has **20 faculty members**, ten appointed by the president and ten elected by the Senate from the faculty at large, plus three non-voting student members.

The committee meets the **1<sup>st</sup> Tuesday of the month at 2pm.**

Currently, our committee meetings are hosted on Zoom.

The agenda and presentations are provided a week in advance of the meeting and are also published to the Committee's website.

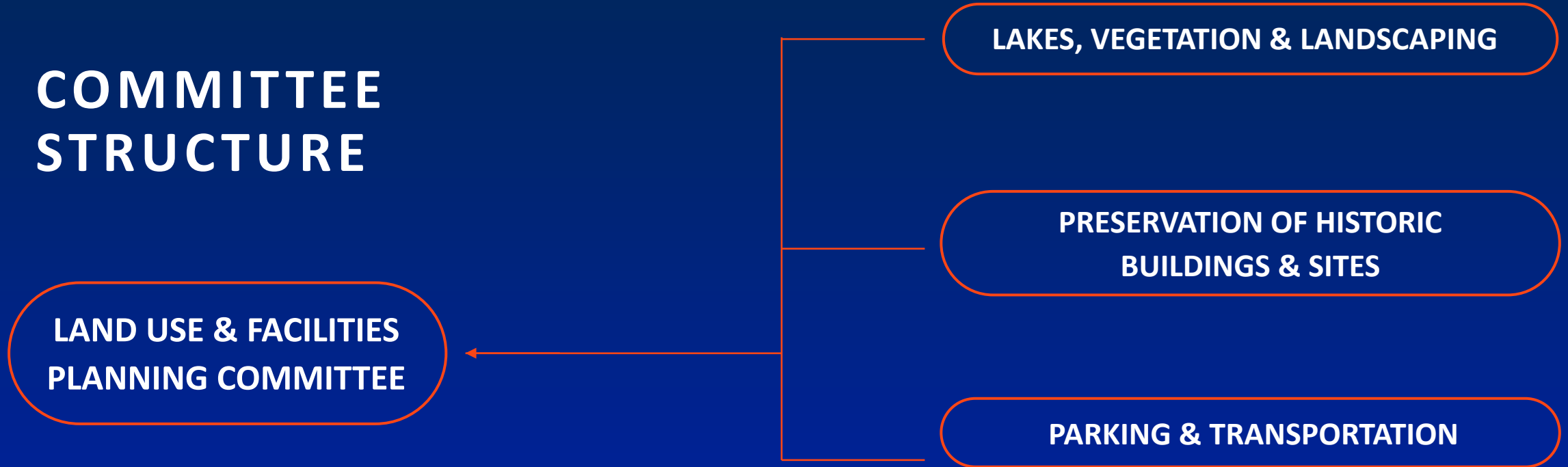
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#### **Website:**

- <https://facilities.ufl.edu/campus-planning/committees/land-use-and-facilities-planning-committee/>



# COMMITTEE STRUCTURE



- Projects attend the Lakes, Vegetation & Landscaping Committee, Preservation of Historic Buildings and Sites and the Parking & Transportation Committee prior to attending the Land Use & Facilities Planning Committee.
- LUFPC receives input from the other committees referenced above. The chairs of those committees are liaisons on the LUFPC, and the final motions that were made at the committee meetings are provided to the LUFPC for review.



## Major and Minor Projects

- The LUFPC will review Major and Minor construction projects.

- A **minor project** is a project with a budget less than \$4,000,000

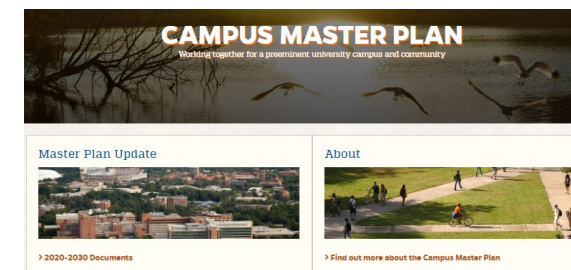
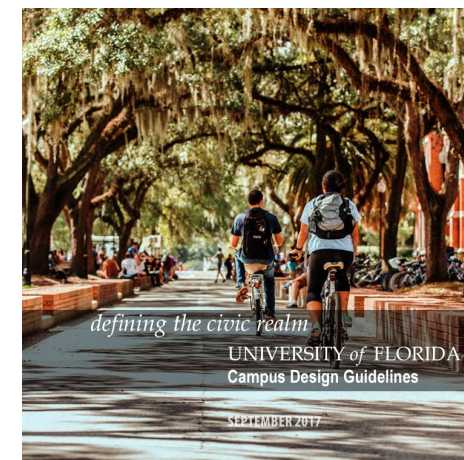
\*A minor project may only need to come to the committee one time for review

- A **major project** is a project with a budget greater than \$4,000,000

## Related Sources

- Committee Members should be familiar with the following resources:

- The [Campus Master Plan](#)
- The [Campus Design Guidelines](#)
- The [Bylaws of the Faculty Senate](#)





A MAJOR PROJECT WILL  
COME THROUGH THE  
COMMITTEE THREE TIMES

## COMMITTEE SCHEDULE (BY PROJECT PHASE)

### PROGRAMMING

- Site Selection
- Review of Existing Conditions
- Site Constraints
- Architectural & Design Considerations



### SCHEMATIC DESIGN

- Building Footprint & Site Layout
- Tree Impacts
- Proposed Materials & Renderings
- Compatibility with Campus Design Guidelines



### CONSTRUCTION

- Potential Changes or Unforeseen Impacts
- Finalized Building Design
- Finalized Landscape Plan



## Bylaws of the Faculty Senate & Florida Sunshine Laws

- Committee Members should be familiar with the [Bylaws of the Faculty Senate](#)
  - Joint committees are subject to [The “Sunshine” Law](#)
- [The Sunshine Law](#) provides a **right to access** to governmental proceedings at both the state and local levels.
- [The Sunshine Law](#) applies to any gathering of two or more members of the same board discussing a matter which will foreseeably come before that board for action.

**Committee members must not discuss committee matters outside of the public meeting setting.**



## LAND USE & FACILITIES PLANNING COMMITTEE

- **Additional information may be found on the committee webpage.**  
<https://facilities.ufl.edu/campus-planning/committees/land-use-and-facilities-planning-committee/>
- **For meeting information and other general questions, please contact Rachel Mandell or call the main PDC phone number:**  
[r.mandell@ufl.edu](mailto:r.mandell@ufl.edu)  
352-273-4000