

# UF 632 - ASA 06

## Museum & Sweetwater Signal and Bike Path Improvements



The Malachowsky Data  
Science & Information  
Technology Building  
LAND USE COMMITTEE - June 1, 2021

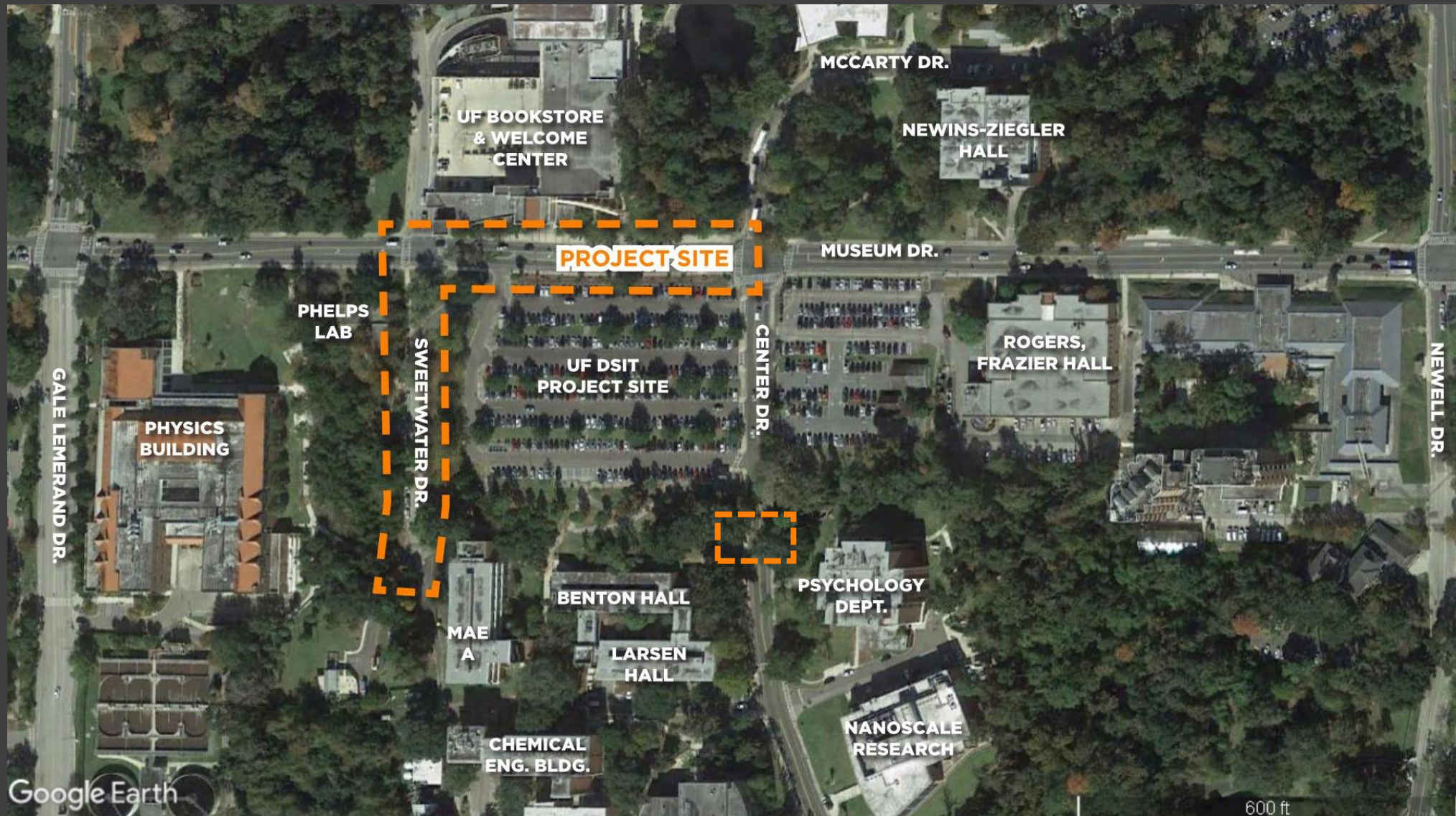
# PROJECT HISTORY

- DSIT Plan approved by Committees
- Pedestrian Signal and Bike Path (part of DSIT project via additional designated funding)





# PROJECT SITE LOCATION



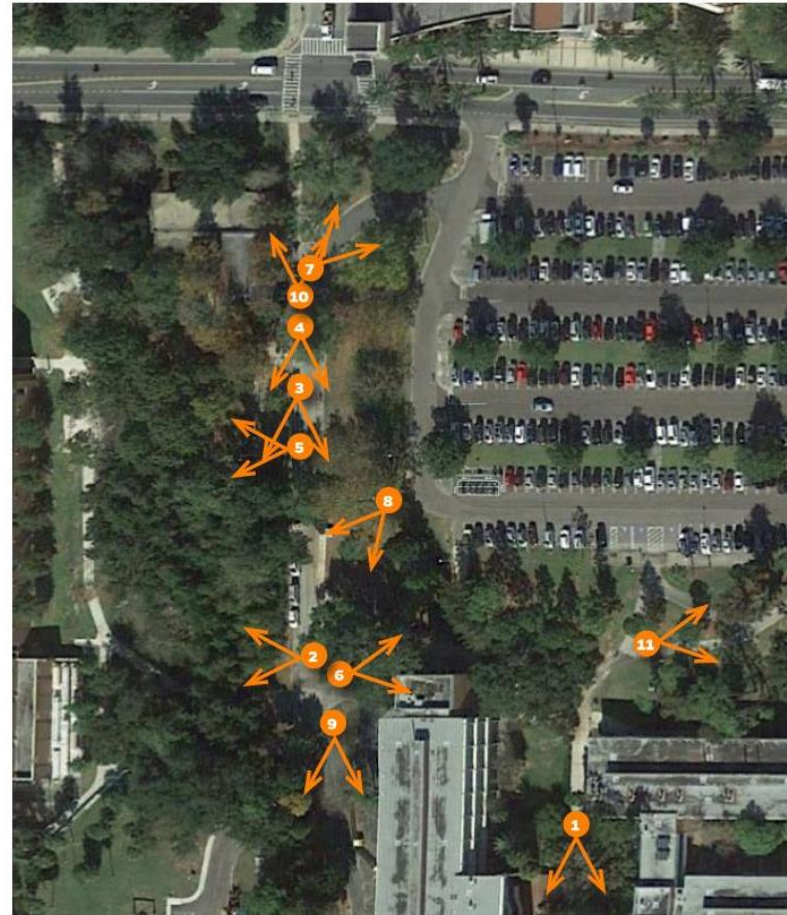


# EXISTING CONDITIONS





## EXISTING SITE PHOTOS



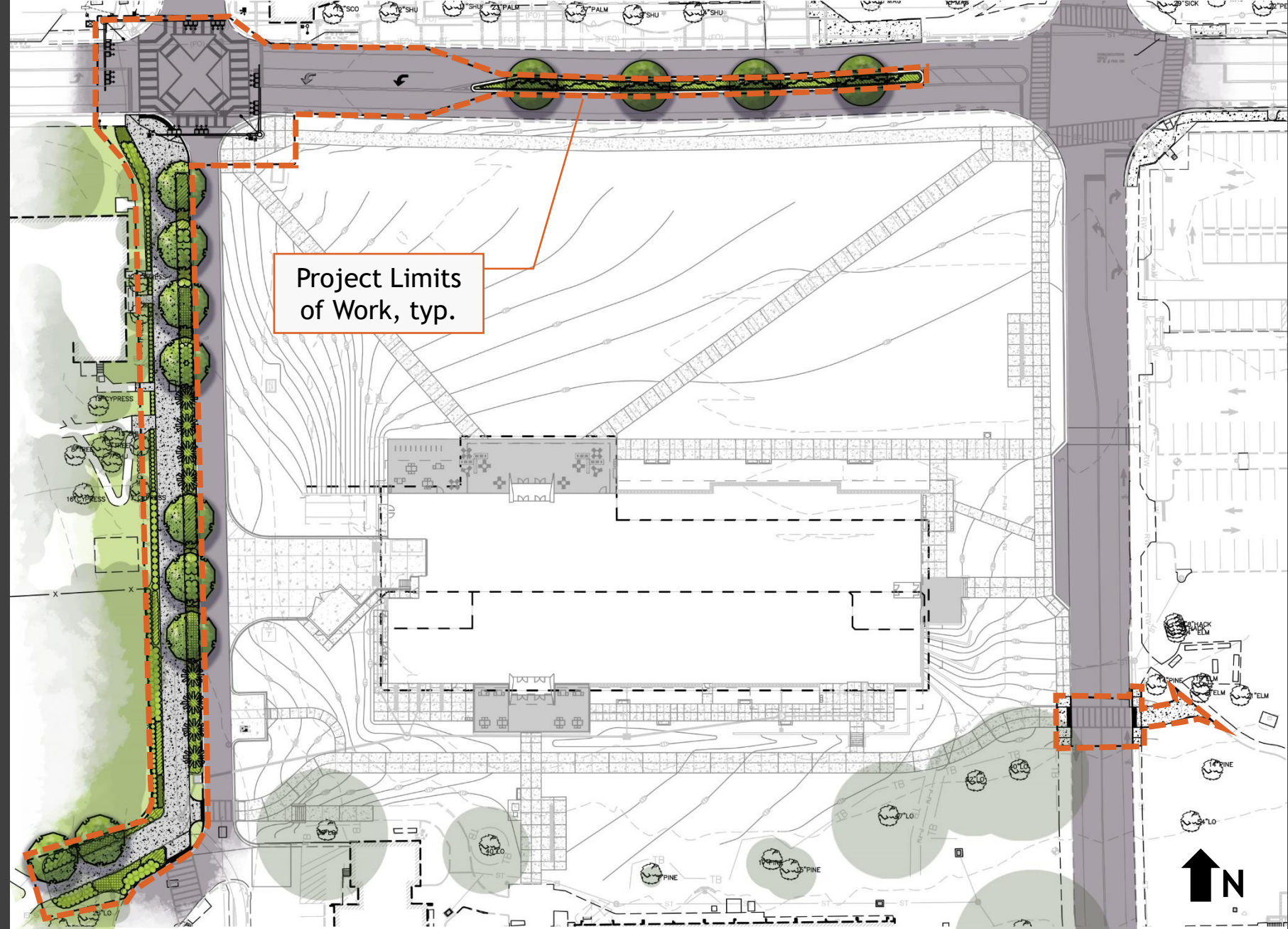






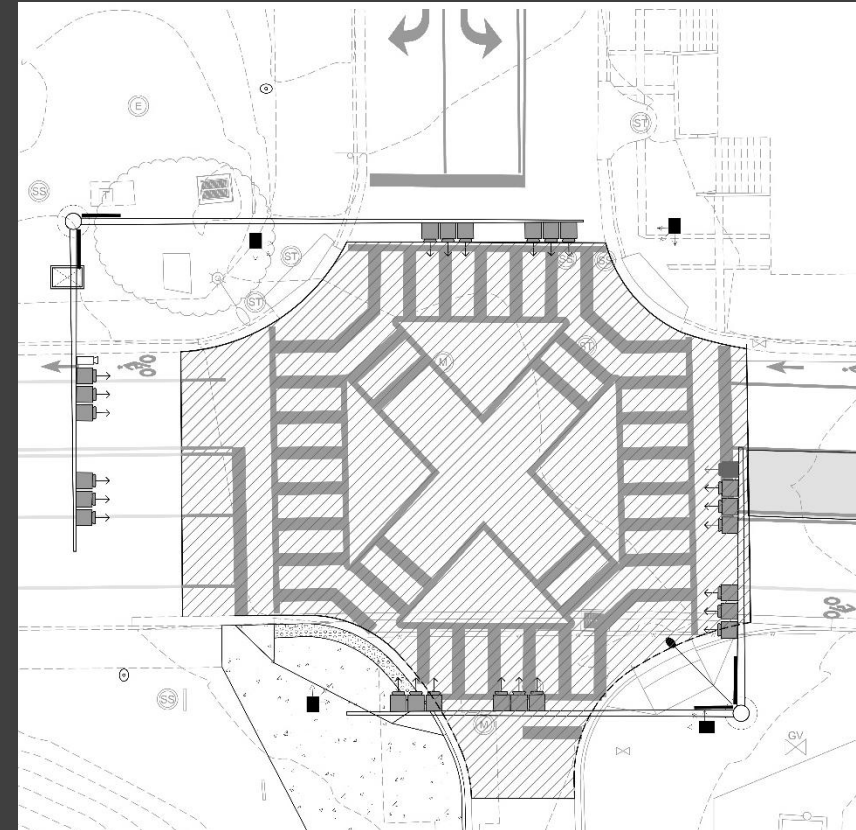
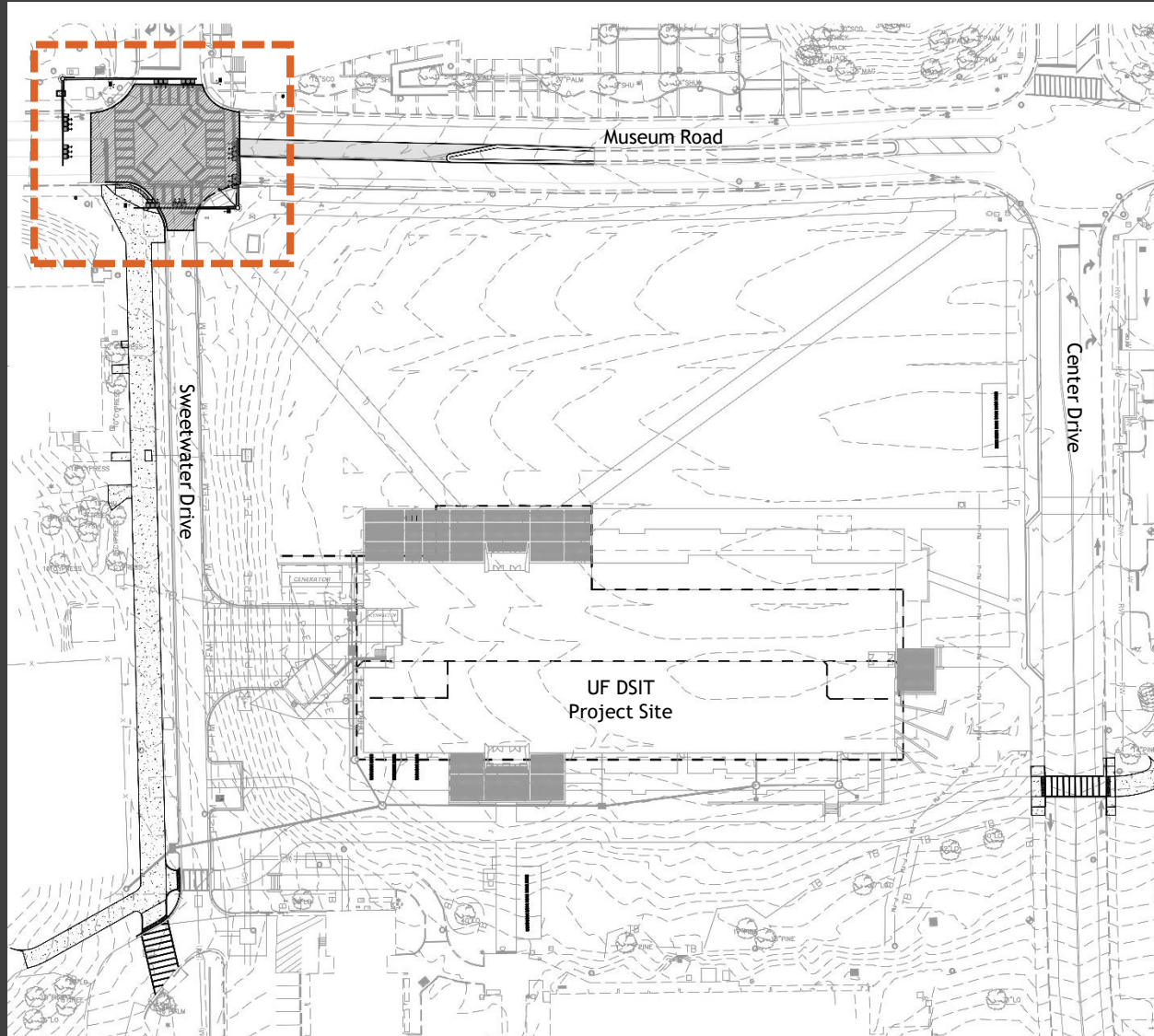
# SITE PLAN

- Signal at Museum & Sweetwater Intersection
- North/South 15 foot wide bike path
- Pedestrian Crossing of Center Drive to existing path
- Pedestrian Barrier within Museum Road median





# SIGNAL DESIGN



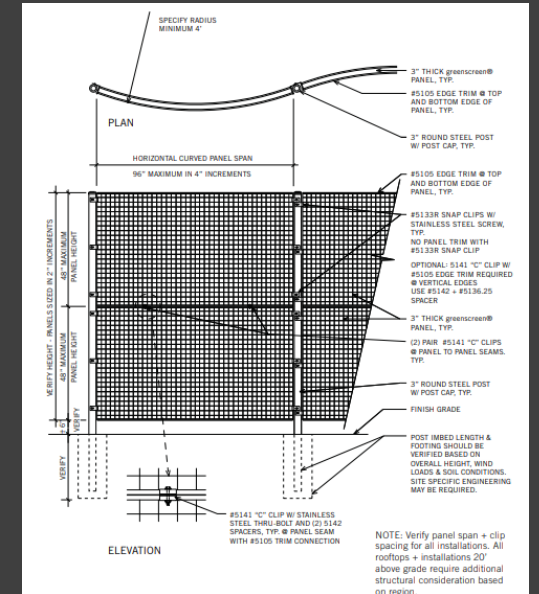
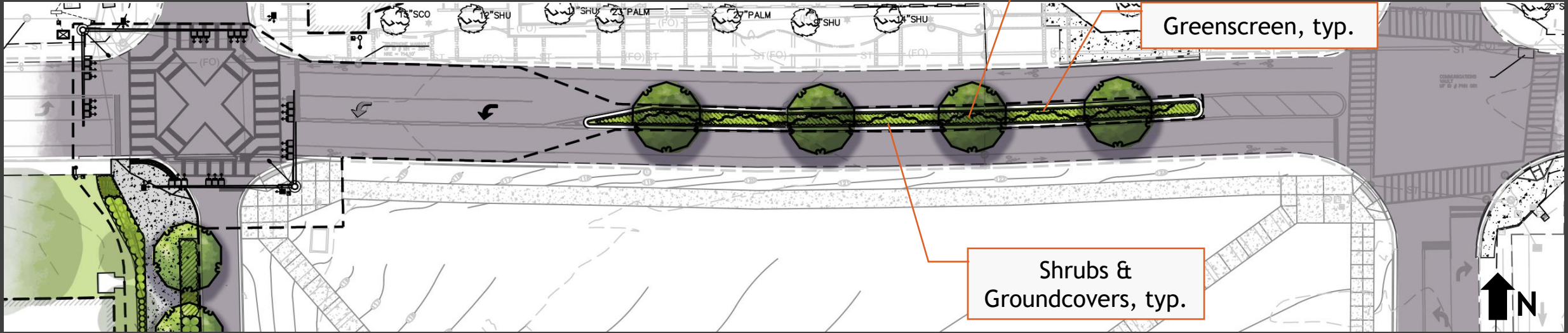


Technical drawing of a road intersection and corridor. The drawing shows a complex intersection on the left with multiple lanes and a central island. A road, labeled "Museum Road", runs horizontally through the center. A "Bike Path" is shown running parallel to the road. A "Landscaped Median" is indicated at the bottom right. Callouts include "Mill & Resurface" pointing to a section of the road and "Bike Path" pointing to the path. A north arrow is in the bottom right corner.

## New Type 'F' Curb & Gutter

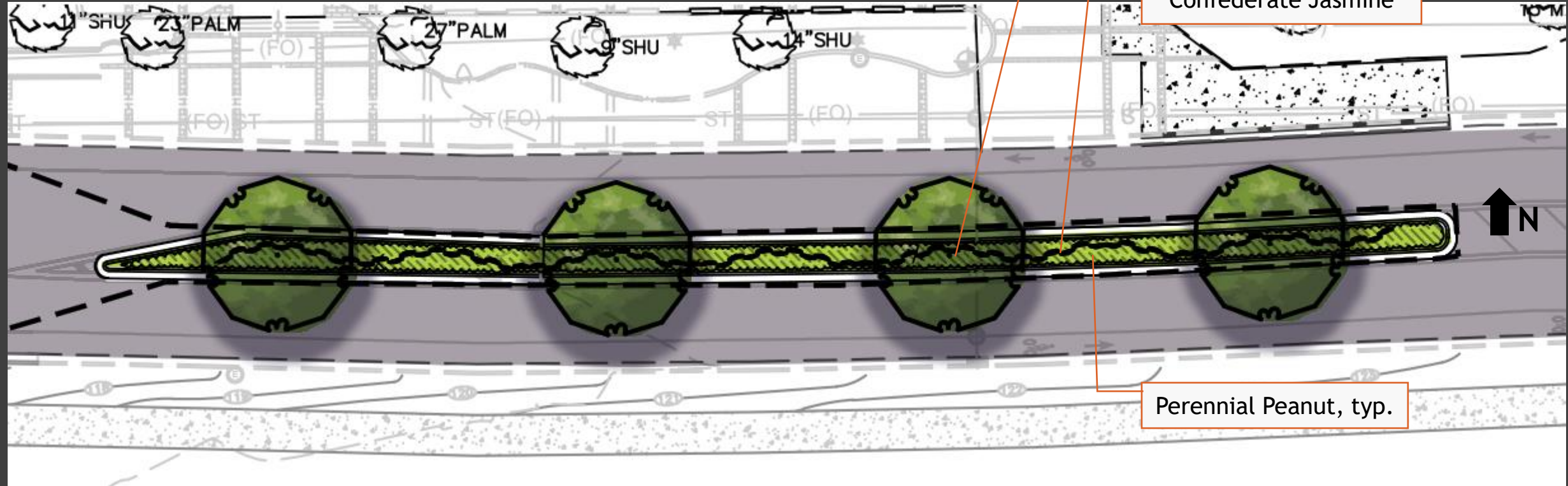


# MUSEUM ROAD IMPROVEMENTS



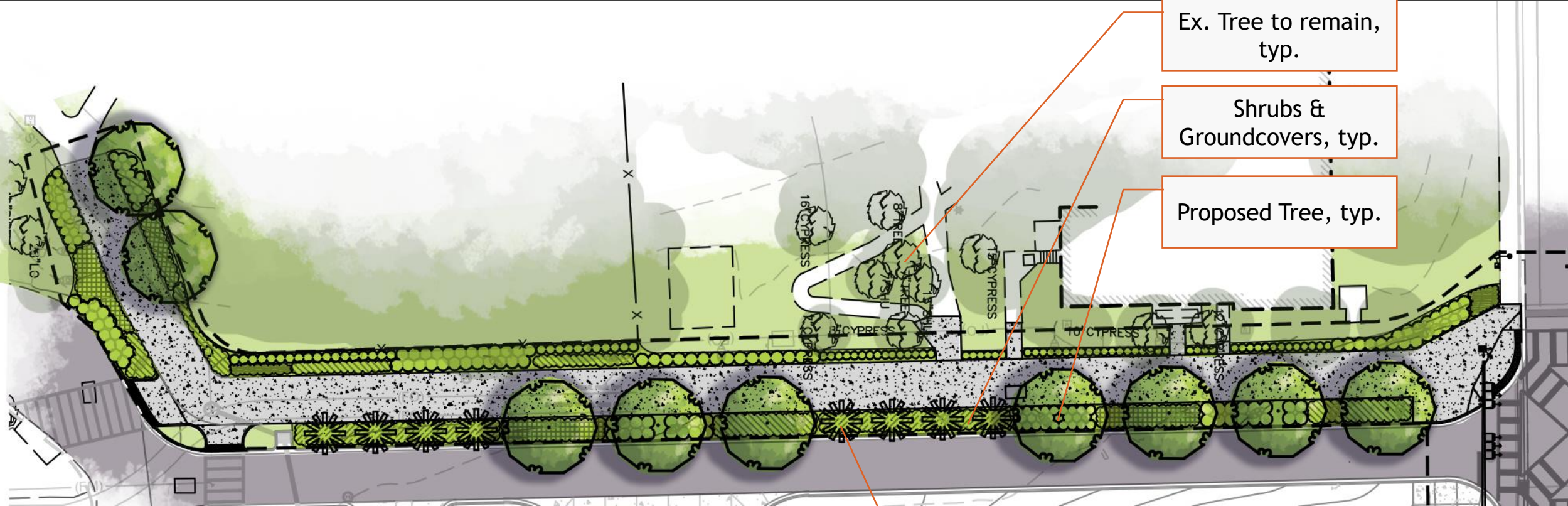


# MUSEUM ROAD IMPROVEMENTS





# BIKE PATH LANDSCAPE PLAN



Ex. Tree to remain,  
typ.

Shrubs &  
Groundcovers, typ.

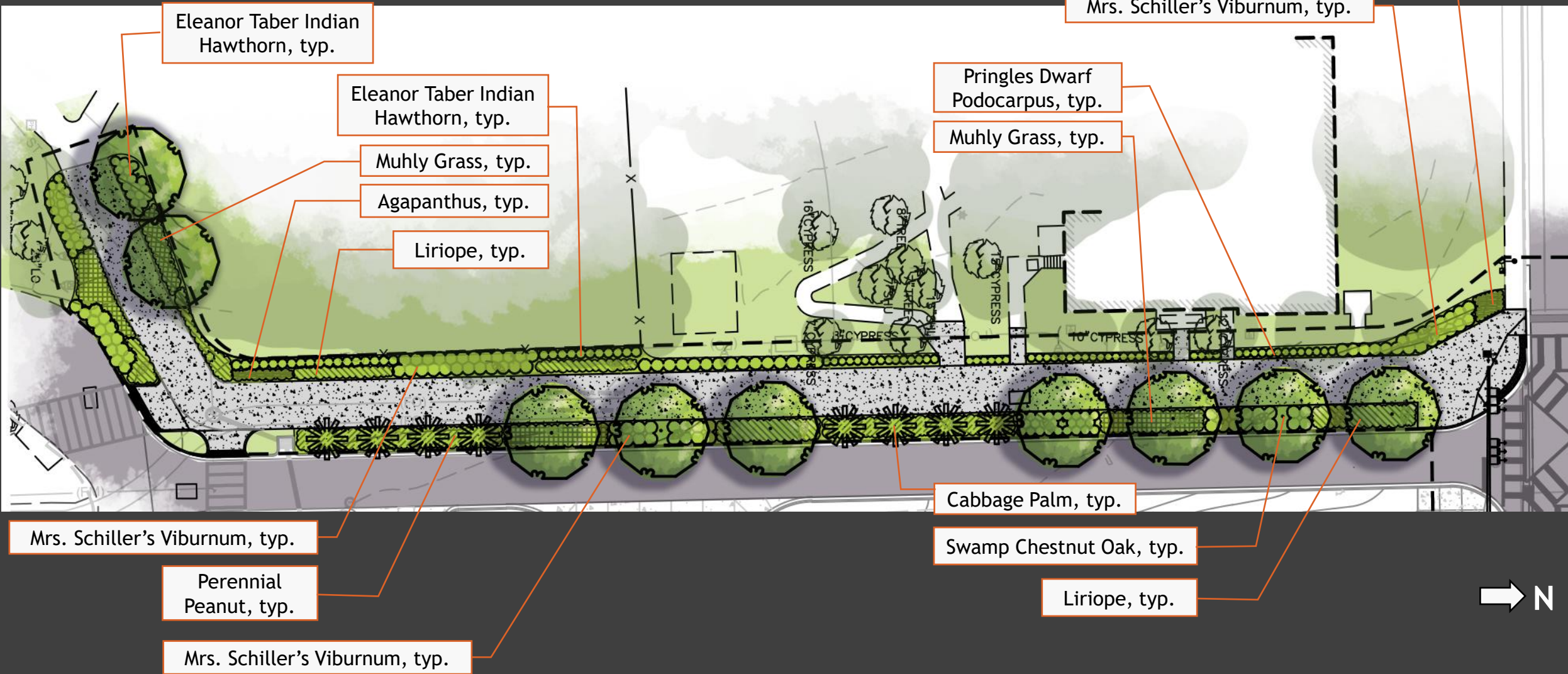
Proposed Tree, typ.

Proposed Palm, typ.





# BIKE PATH LANDSCAPE PLAN





# PROPOSED TREE PALETTE

Swamp Chestnut Oak\*  
*Quercus michauxii*



Bluff Oak\*  
*Quercus austrina*



Cabbage Palm\*  
*Sabal palmetto*





# PROPOSED SHRUBS & GROUNDCOVERS PALETTE



Carolina Jessamine\*  
*Gelsemium sempervirens*



Pringles Dwarf Podocarpus\*  
*Podocarpus macrophyllus* 'Pringles'



Eleanor Taber Indian Hawthorn\*  
*Raphiolepis indica* 'Eleanor Taber'



Confederate Jasmine  
*Trachelospermum jasminoides* 'Confederate'



Mrs. Schiller's Delight Viburnum\*  
*Viburnum obovatum* 'Mrs. Schiller's Delight'



# PROPOSED SHRUBS & GROUNDCOVERS PALETTE

'Ever Twilight' Agapanthus\*  
*Agapanthus africanus*  
'Ever Twilight'



Perennial Peanut\*  
*Arachis glabrata* 'Ecoturf'



Emerald Goddess Liriope\*  
*Liriope muscari* 'Emerald Goddess'

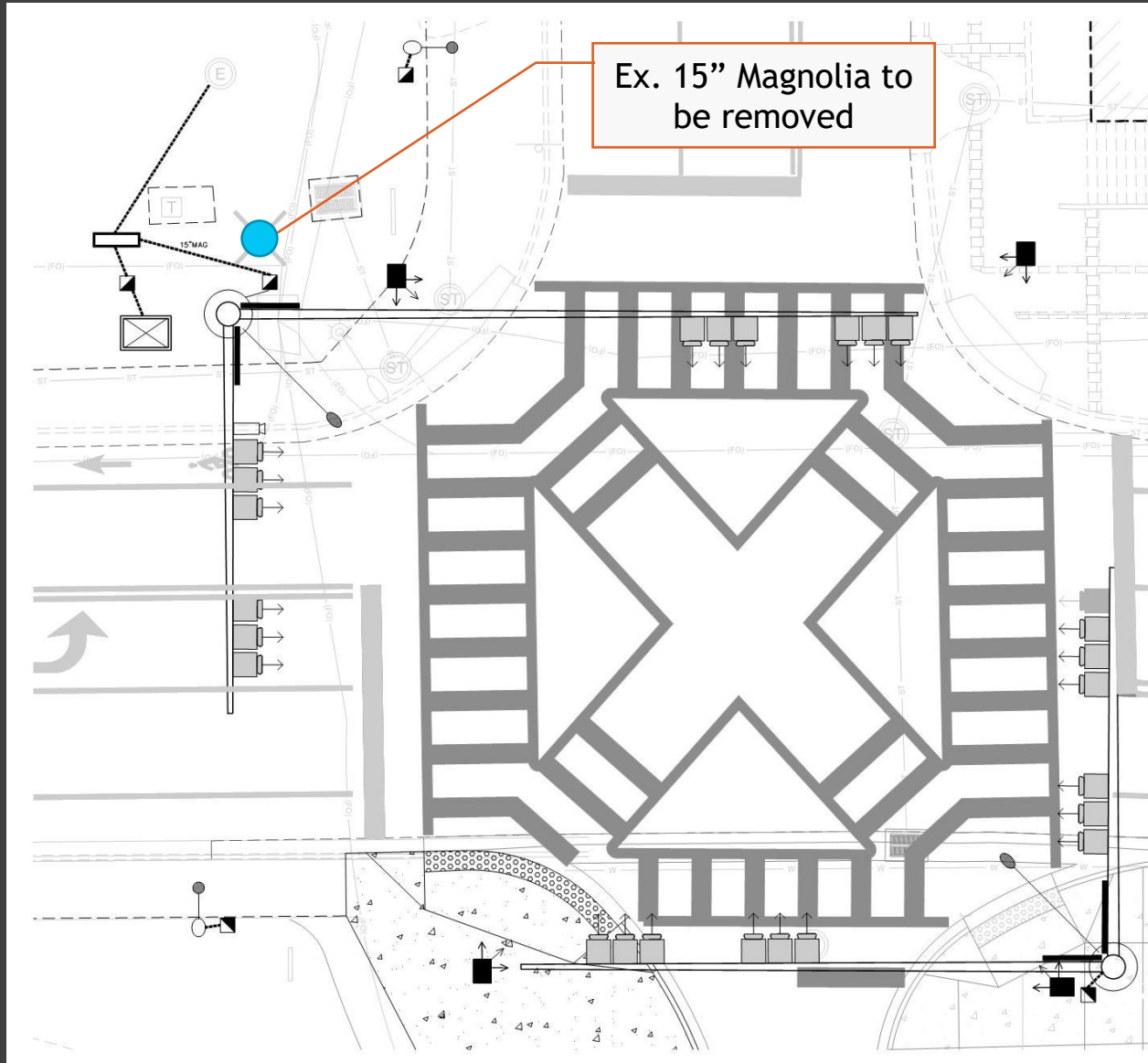


Pink Muhly\*  
*Muhlenbergia capillaris*





# TREE MITIGATION



## TREE MITIGATION CALCULATIONS

### TREES TO BE REMOVED

15" MAGNOLIA.....2 TREES

TOTAL MITIGATION TREES REQUIRED: 2 TREES

TOTAL TREES PROPOSED: 13 TREES

TOTAL SURPLUS: 11 TREES





# COMMITTEE COMMENTS

- PTAC - Approved at May 11, 2021 meeting
- LVL COMMITTEE - Approved at May 13, 2021 meeting with condition that Live Oaks in median be changed to Bluff Oaks or other alternative species. Comments from LVL Committee to be incorporated included:
  - Make green screen 3' instead of previously shown 4' height.
  - Update vine plantings within median for ease of maintenance.
  - Widen the southwest leg of the bike path to match the 15' width of the North/South corridor.





# QUESTIONS





# CAMPUS MASTER PLAN, 2020-2030 AMENDMENTS

JUNE 2021

PLANNING, DESIGN &  
CONSTRUCTION DIVISION





**University of Florida  
Comprehensive Master Plan  
June 2021**

**Sections**

1. Acreage Chart of Land Use Changes
2. Campus Development Agreement
3. Future Land Use Amendments

FLU-21-1                      McCarty Woods Future Land Use  
Future Land Use maps Figures 2-1 (current & proposed)

4. Capital Improvements Amendment – NONE at this time

Omitted: Table Update with Changes to Existing Capital Projects and the Addition of New Capital Projects

5. Replacement Maps

Figure 2-1                      Future Land Use  
Figure 2-2                      Future Building Site by Future Land Use  
Figure 7-1                      Conservation Areas  
Figure 11-1                      Capital Improvements



## Section 1

### ACREAGE CHART OF LAND USE CHANGES

#### UF Main Campus

Land Use Classification	As Adopted 2020-2030 (Acres)	FLU-21-1	Total Acreage as Amended June 2021
Academic	278.4	-1.8	276.6
Academic - Outdoor	302.9		302.9
Active Recreation	89.3		89.3
Active Recreation - Outdoor	172.1		172.1
Buffer	19.6		19.6
Conservation	455.3	1.8	457.1
Cultural	19.5		19.5
Housing	128.7		128.7
Parking	105.6		105.6
Road	82.4		82.4
Support	194.2		194.2
Urban Park	79.4		79.4
Utility	26.9		26.9
<b>Total</b>	<b>1954.3</b>		<b>1954.3</b>

## Section 2

### CAMPUS DEVELOPMENT AGREEMENT

The University Comprehensive Master Plan process is intended to facilitate coordination between universities and their host local governments. To this end, Chapter 1013.3, Florida Statutes requires that universities enter into Campus Development Agreements with these governments. Among other things, the Campus Development Agreement (CDA) must address level-of-service requirements, deficiencies, and campus development impacts on public facilities and services including roads, sanitary sewer, solid waste, drainage, potable water, parks and recreation and public transportation. The Agreements may also address public electricity, non-potable water, law enforcement, fire and emergency rescue, gas and telephone facilities and services. The Agreements are also intended to ensure consistency between the university Comprehensive Master Plan and the local government Comprehensive Plan. More information on the CDA can be found at <https://facilities.ufl.edu/campus-planning/campus-master-plan/campus-development-agreement/>.

The University's current CDA is valid through December 31, 2025. This CDA will be replaced by a new agreement currently in negotiation for the Campus Master Plan Amendment, 2020-2030 that was adopted on December 4, 2020. The FLU-21-1 amendment does not change the amount of planned development on the campus during the 2020-2030 plan horizon.



### Section 3

#### MAP AMENDMENT FLU-21-1

**McCarty Woods** – This map amendment returns a portion of McCarty Woods to the Conservation Future Land Use as it was designated prior to the December 2020 amendment.

#### Master Plan Maps Updated by Future Land Use Change

<u>Figure</u>	<u>Title</u>
2-1	Future Land Use
2-2	Future Land Use and Buildings
13-1	Future Building Locations

#### EXISTING LAND USE / ACRES

Academic/Research: -1.8

#### PROPOSED LAND USE /ACRES

Conservation: +1.8

#### PUBLIC FACILITIES IMPACT

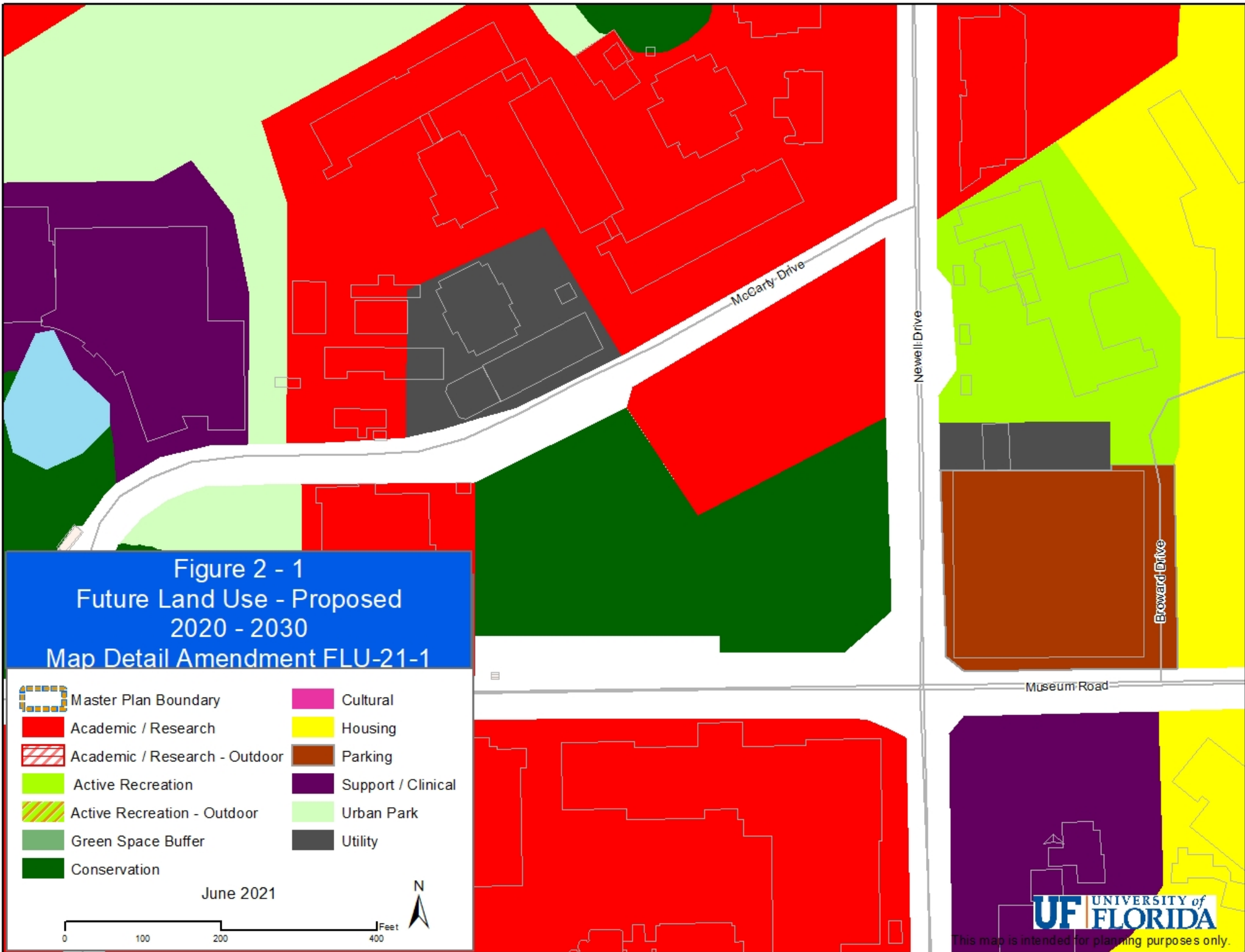
There are no public facilities impacts with this amendment. The modification is consistent with the Campus Development Agreement.

#### LANDUSE COMPATIBILITY

This proposed land use change is compatible with the adjacent Conservation Land Use on the remainder of the McCarty Woods site.







## CONSISTENCY WITH GOP'S

A review of the goals, objectives and policies (GOP's) of the Campus Master Plan indicates that the proposed land use change is consistent with the Master Plan and supports the following objectives and policies:

### **Future Land Use**

**Policy 1.1.4:** The Future Land Use map and Future Building Sites map shall be used to identify available land and redevelopment sites suitable for development on the main campus to accommodate future growth, define future infill opportunities and conserve existing resources. Future Land Use maps shall identify available land for development on campus master plan satellite properties in Alachua County consistent with the list of projects in Table 13-1 and the Capital Improvements Element. This inventory of available sites shall be updated on a periodic basis, no less than once every five years, to reflect changes in status.

### **Conservation Land Use**

***Objective 1.1: To preserve and enhance native vegetation communities and wildlife habitat on or adjacent to the main campus or satellite properties.***

**Policy 1.4.6:** Support the University's teaching and research mission by coordinating with departments involved in ecological research.

## **Section 4**

**CAPITAL IMPROVEMENTS AMENDMENTS  
OMITTED - NOT APPLICABLE**







## **Section 5**

### **REPLACEMENT MAPS**

- Figure 2-1      Future Land Use
- Figure 2-2      Future Building Site by Future Land Use
- Figure 7-1      Conservation Areas
- Figure 11-1     Capital Improvements

Figure 2 - 1  
Future Land Use  
2020 - 2030

- |  |  |
|--|--|
|  Master Plan Boundary          |  Cultural           |
|  Academic / Research           |  Housing            |
|  Academic / Research - Outdoor |  Parking            |
|  Active Recreation             |  Support / Clinical |
|  Active Recreation - Outdoor   |  Urban Park         |
|  Green Space Buffer            |  Utility            |
|  Conservation                  |  |

June 2021

0 0.2 0.4 0.8 Miles

