

CITY OF  
**GAINESVILLE**  
every path starts with passion  
FLORIDA



City of Gainesville Streetcar Conceptual Study  
PTAC Meeting # 1 – August 5, 2013

# Project Team

# Project Team

Legislative ID# 130722C



**Joel Rey, P.E., AICP**  
Principal In Charge



**Evan Johnson, AICP, LEED AP**  
Co-Project Manager



**Ryan Suarez, AICP**  
Co-Project Manager



**Alan Danaher, P.E., PTOE, AICP, PTP**  
Senior Advisor



**Michael English, AICP**  
Senior Advisor



**Jason Haesler, P.E.**  
Civil Engineering/Utilities



**Michael Chen**  
Economic Development/  
Real Estate



**Ginger Corless, AICP, CPRP**  
Land Use/Urban Design

# Project Scope/ Schedule

# Project Goals

Legislative ID# 130722C

Project Conceptualization

Identification of Corridors

Engineering, Parking  
Transportation

Land Use/Operational  
Characteristics

Economic Assessment

Ridership/Technology

Capital/Operating Costs

2-3 Options

1 Preferred



# Project Schedule

Legislative ID# 130722C

Gainesville Streetcar Study: Project Schedule	2013						2014
	July	August	September	October	November	December	January
<b>Task 1.0: Project Conceptualization</b>							
1.0 Assessment of Recent Planning Efforts	■	★					
1.2 - Case Study Research	■	■	★				
<b>Task 2.0: Identify Initial Streetcar Corridors</b>							
2.0 - Identify Initial Streetcar Corridors	■	★					
<b>Task 3.0: Assess Major Utility and Engineering Impacts</b>							
3.0 - Assess Major Utility and Engineering Impacts (Tasks 3.1-3.2)		■	★				
<b>Task 4: Assess Traffic, Land Use, and Parking Impacts</b>							
4.1 - Assess Traffic, Land Use, and Parking Impacts		■	★				
<b>Task 5.0: Estimate Streetcar Ridership</b>							
5.0 - Estimate Streetcar Ridership			■	★			
<b>Task 6.0: Economic Assessment of Downtown Transit Investment</b>							
6.0 - Economic Assessment of Downtown Transit Investment			■	★			
<b>Task 7.0: Assess Potential Streetcar Technologies</b>							
7.0 - Assess Potential Streetcar Technologies			■	★			
<b>Task 8.0 - Develop Streetcar Operating Plan</b>							
8.0 - Develop Streetcar Operating Plan				■	★		
<b>Task 9.0 - Develop Capital and Operating Cost Estimates</b>							
9.0 - Develop Capital and Operating Cost Estimates				■	★		
<b>Task 10.0 - Develop Potential Funding Structure and Financing Options</b>							
10.0 - Develop Potential Funding Structure and Financing Options			■	■	★		
<b>Task 11.0 - Prepare Draft and Final Concept Study Report</b>							
11.1 - Draft Report				■	■	★	
11.2 - Final Report						■	★
<b>Task 12.0 - Public Meetings/Hearings</b>							
12.1 - PTC Meetings		●	●		●	●	
12.2 - City Commission Presentation							●

# Major Project Milestones

Legislative ID# 130722C

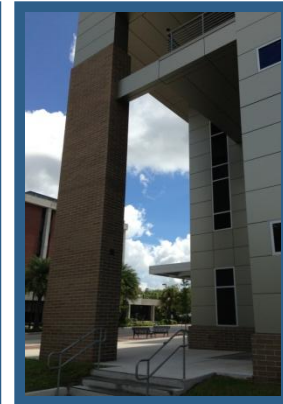
- **Identification of Initial Study Corridors**
- **Completion of Initial Analysis / Identification of Preferred Corridor**
- **Detailed Analysis of Preferred Corridor**
- **Summary Report of Analysis / Next Steps**
- **Presentation to City Commission**

# Study Area Context



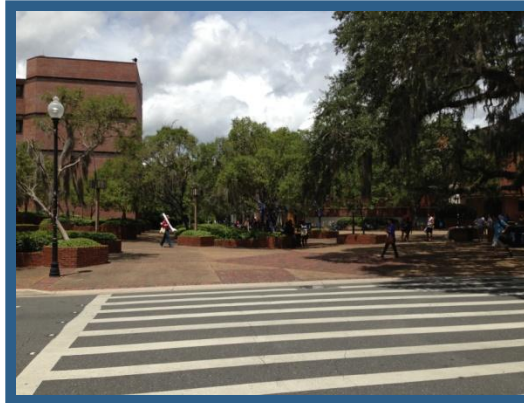
# Context Photos

Legislative ID# 130722C



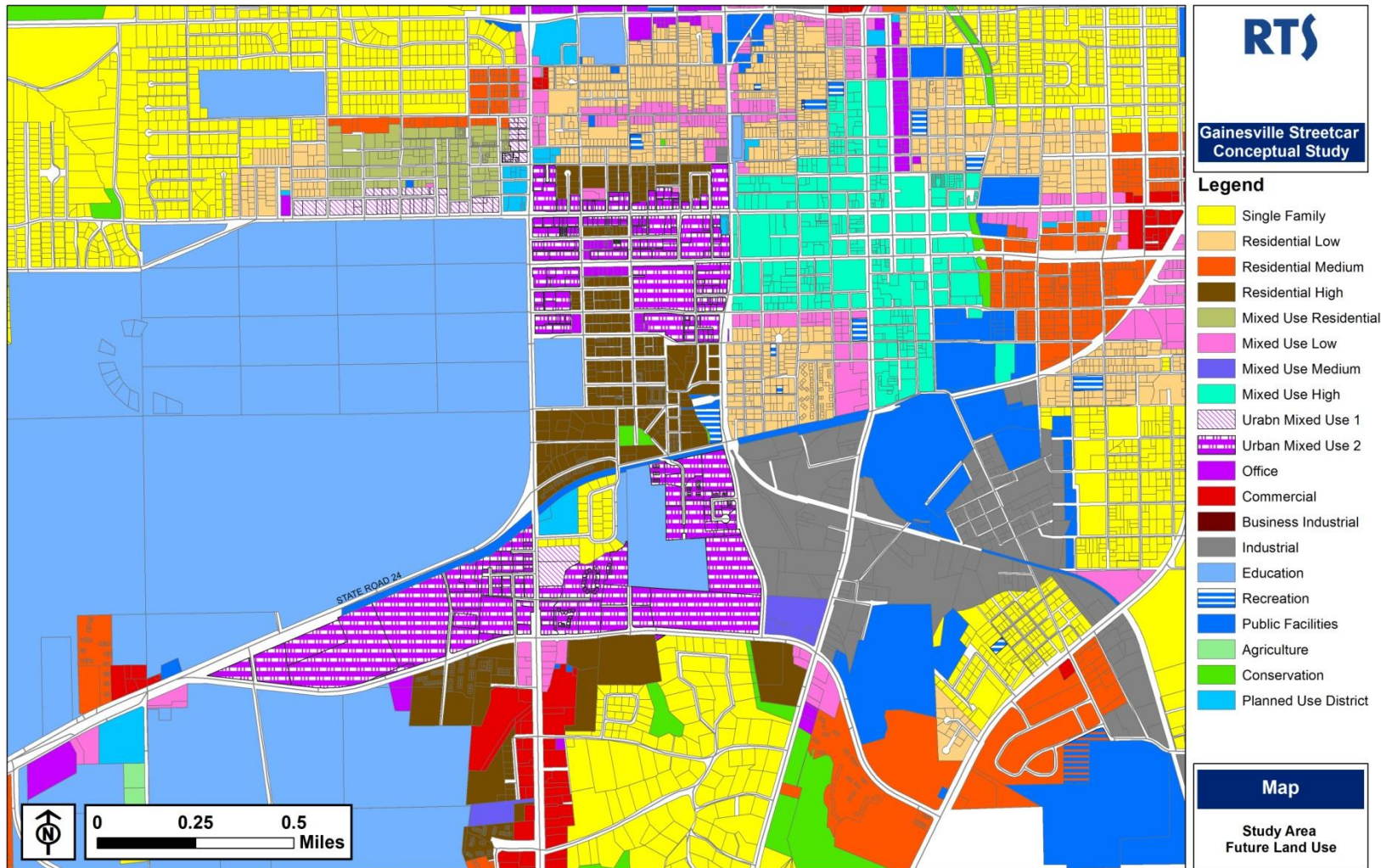
# Context Photos

Legislative ID# 130722C



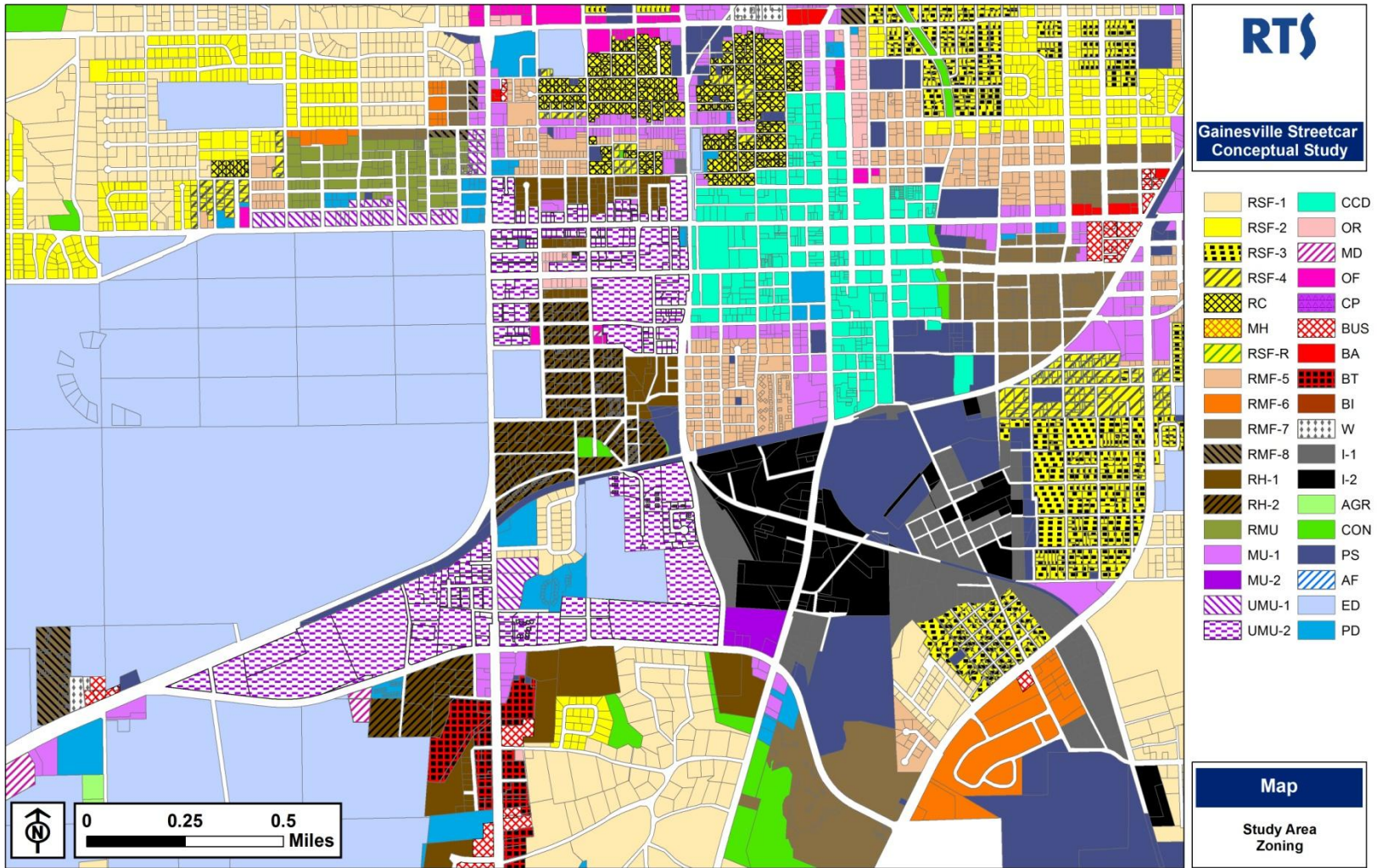
# Current Future Land Use

Legislative ID# 130722C



# Current Zoning

Legislative ID# 130722C



# Transit Planning Efforts

# BRT Feasibility Study (2010)

Legislative ID# 130722C

- Assessment of nine potential study corridors
- Identified a preferred east/west alignment
- Included capital & operating cost estimates



# RTS Vision Plan

Legislative ID# 130722C

- Identified potential premium services
- Prioritized service implementation
- Conceptual streetcar alignment
- Nearly \$500 million in capital expenditures



# BRT AA Study

Legislative ID# 130722C

- Detailed analysis of potential alternatives
- Needed for Federal funding
- Two east/west alternatives still under consideration



GO Enhance RTS Study  
Existing/Future Conditions Report



December, 2012



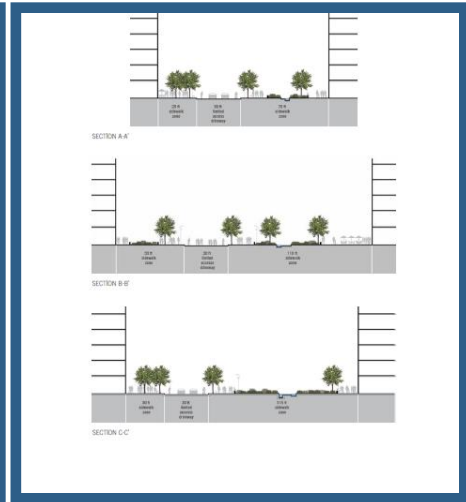
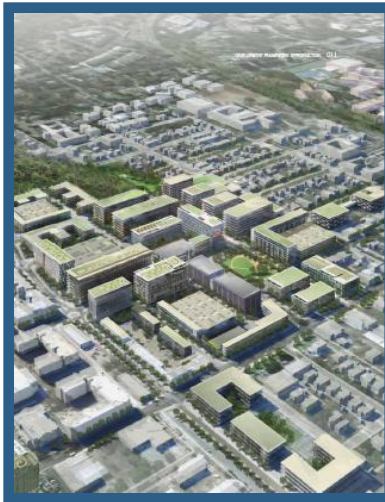


# Other Planning Efforts

# Innovation Square Framework

Legislative ID# 130722C

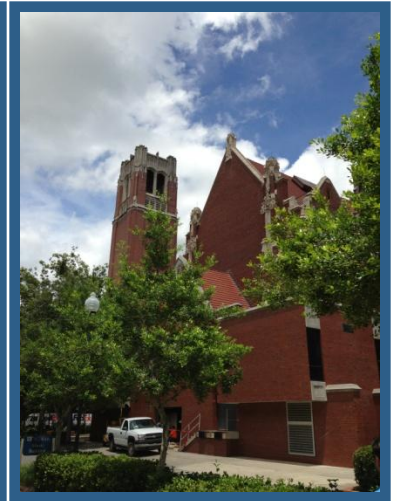
- Urban employment district with focus on technology and research
- Westward extension of Downtown
- 3.7 Million sq.ft. projected



# UF Master Plan 2005-2015

Legislative ID# 130722C

- Over 4.1 million sq.ft. of new space
- Over 1.7 million sq.ft. of renovated space
- Identified future building locations



# Power District

Legislative ID# 130722C

- Master planning effort 2008 & 2013
- Public realm / private development
- Prioria Robotics



# Other Developments and Improvements

# SW 2<sup>nd</sup> Avenue Improvements

Legislative ID# 130722C

- Streetscape improvements include medians, sidewalks, and roundabouts



# SW 6<sup>th</sup> Street Improvements

Legislative ID# 130722C

- Evolution to an urban boulevard
- Streetscape improvements include medians, sidewalks, and roundabouts



# Depot Park / Cade Museum

Legislative ID# 130722C

- Major attractors for visitors
- Proximity to RTS facility & Rosa Parks
- Largest park in downtown area





# RTS Operations and Maintenance

Legislative ID# 130722C

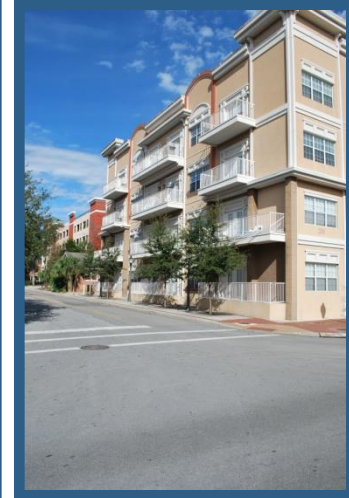
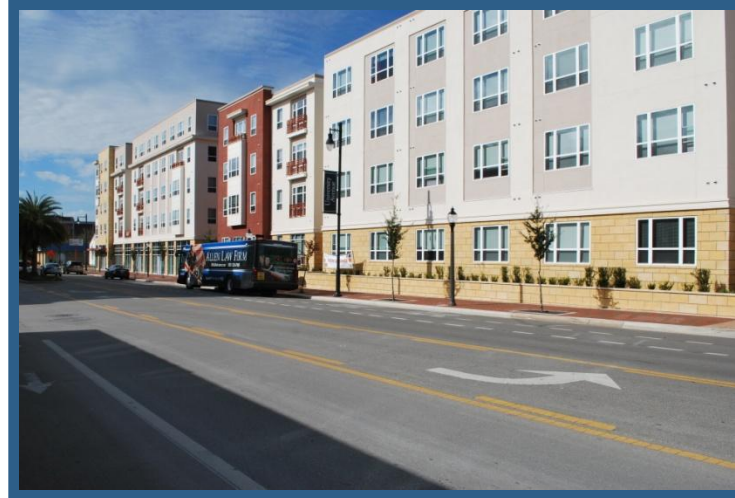
- 140,000 sq.ft.
- \$33 million facility
- Provides for expansion
- Allows for potential redevelopment of



# New Private Development

Legislative ID# 130722C

- Significant new development in last 5-7 years
- Students and professionals
- New hotels/office



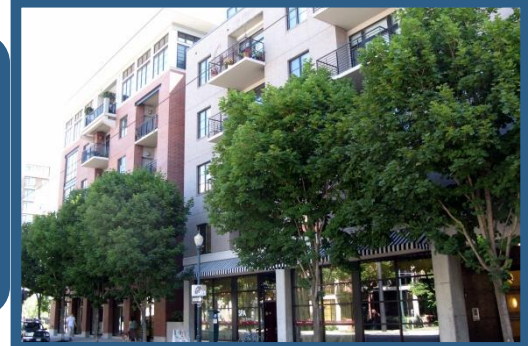
# Next Steps

Legislative ID# 130722C

**Complete Case Study Research**



**Complete Initial Screening/  
Identify Preferred Option**



**Present Findings at PTAC #2 -  
September 2013**

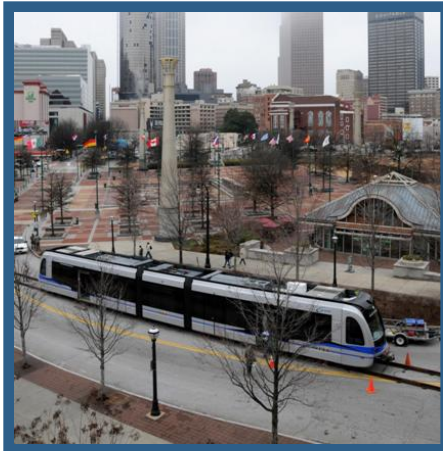


# Potential Routes

# Questions for Consideration

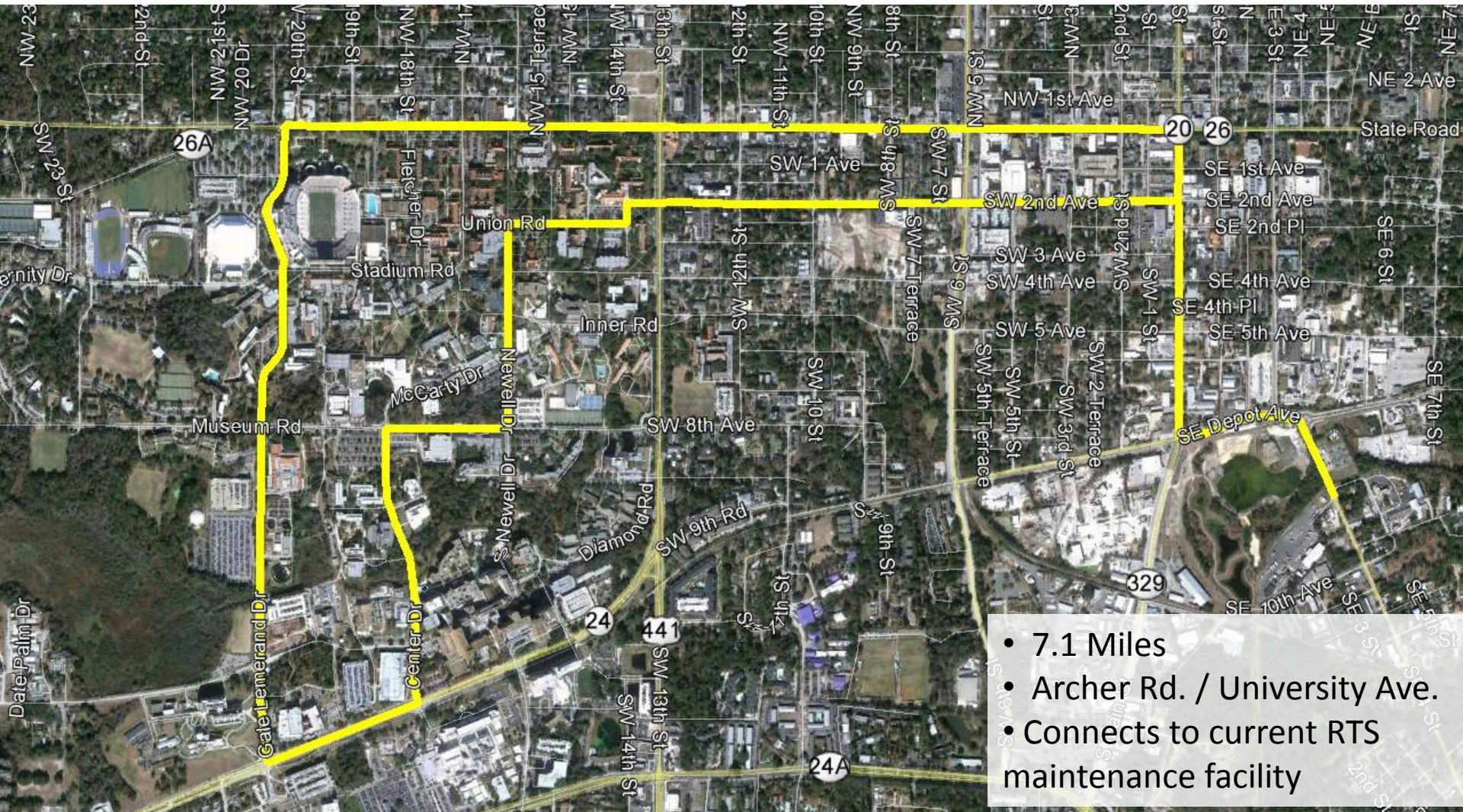
Legislative ID# 130722C

- What are the best ways to connect Rosa Parks, Downtown/Innovation Square, and UF Campus?
- Which segments maximize economic development opportunities?
- Which segments maximize ridership potential?



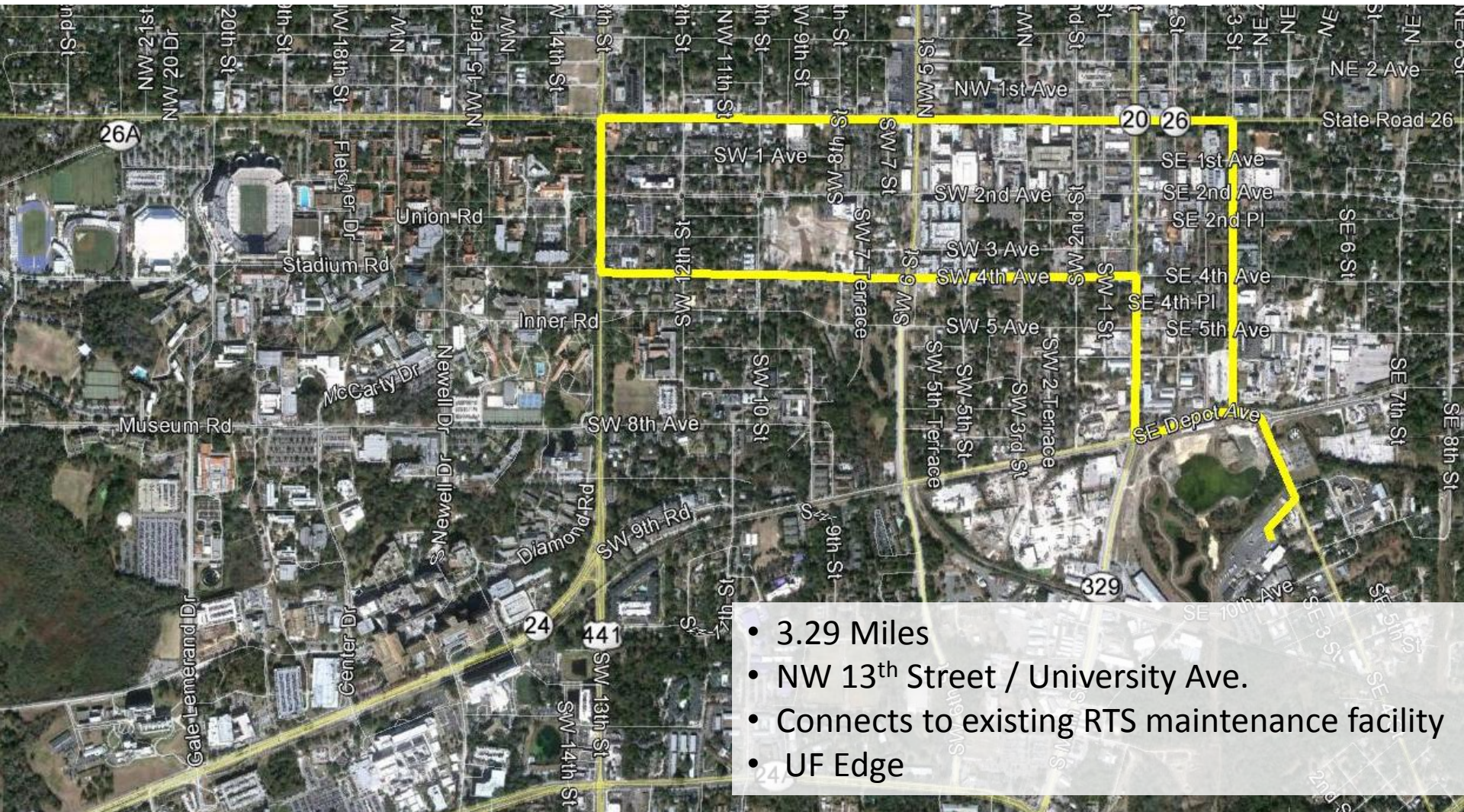
# Route Concept1

Legislative ID# 130722C



# Route Concept 2

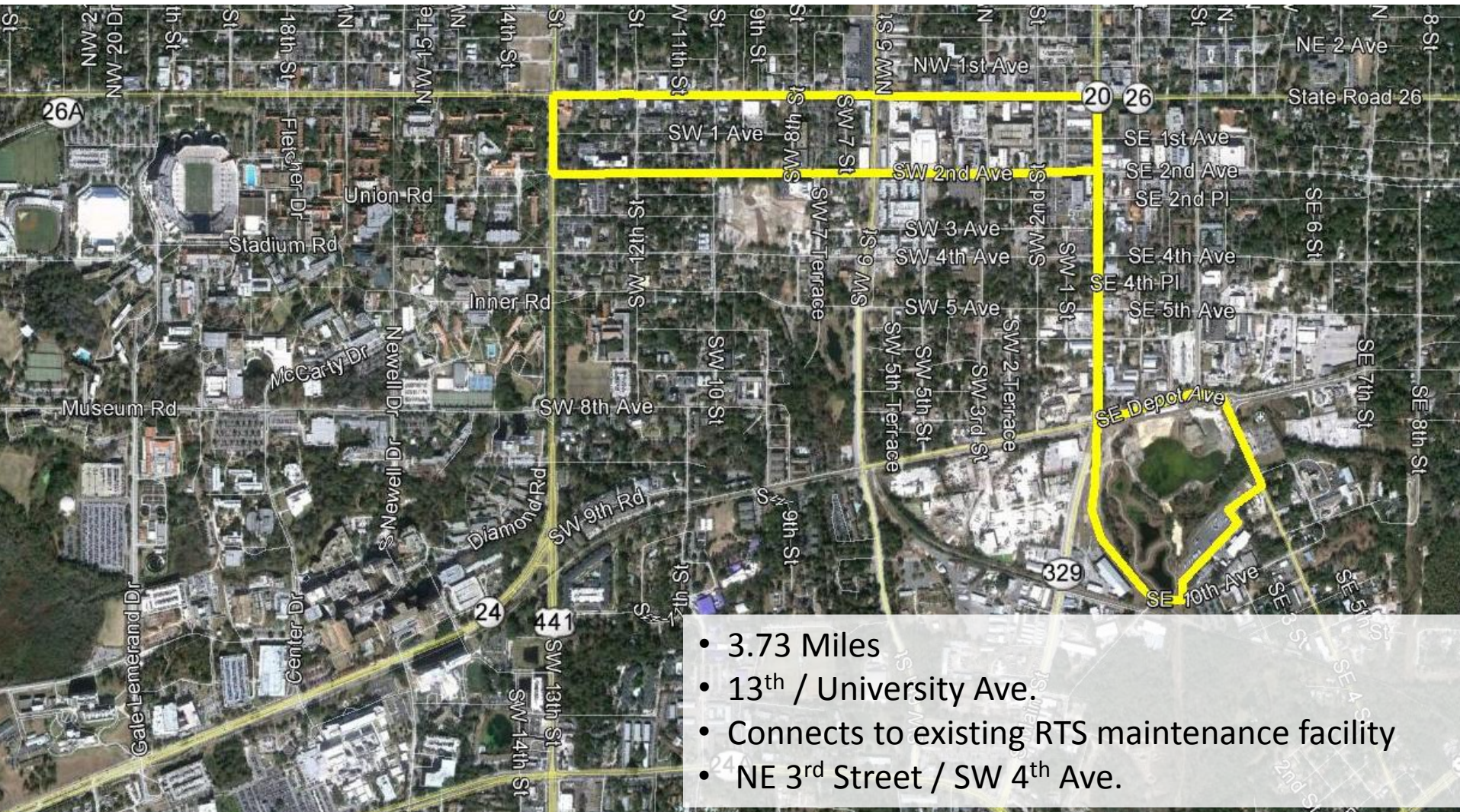
Legislative ID# 130722C



- 3.29 Miles
- NW 13<sup>th</sup> Street / University Ave.
- Connects to existing RTS maintenance facility
- UF Edge

# Route Alternative 3

Legislative ID# 130722C

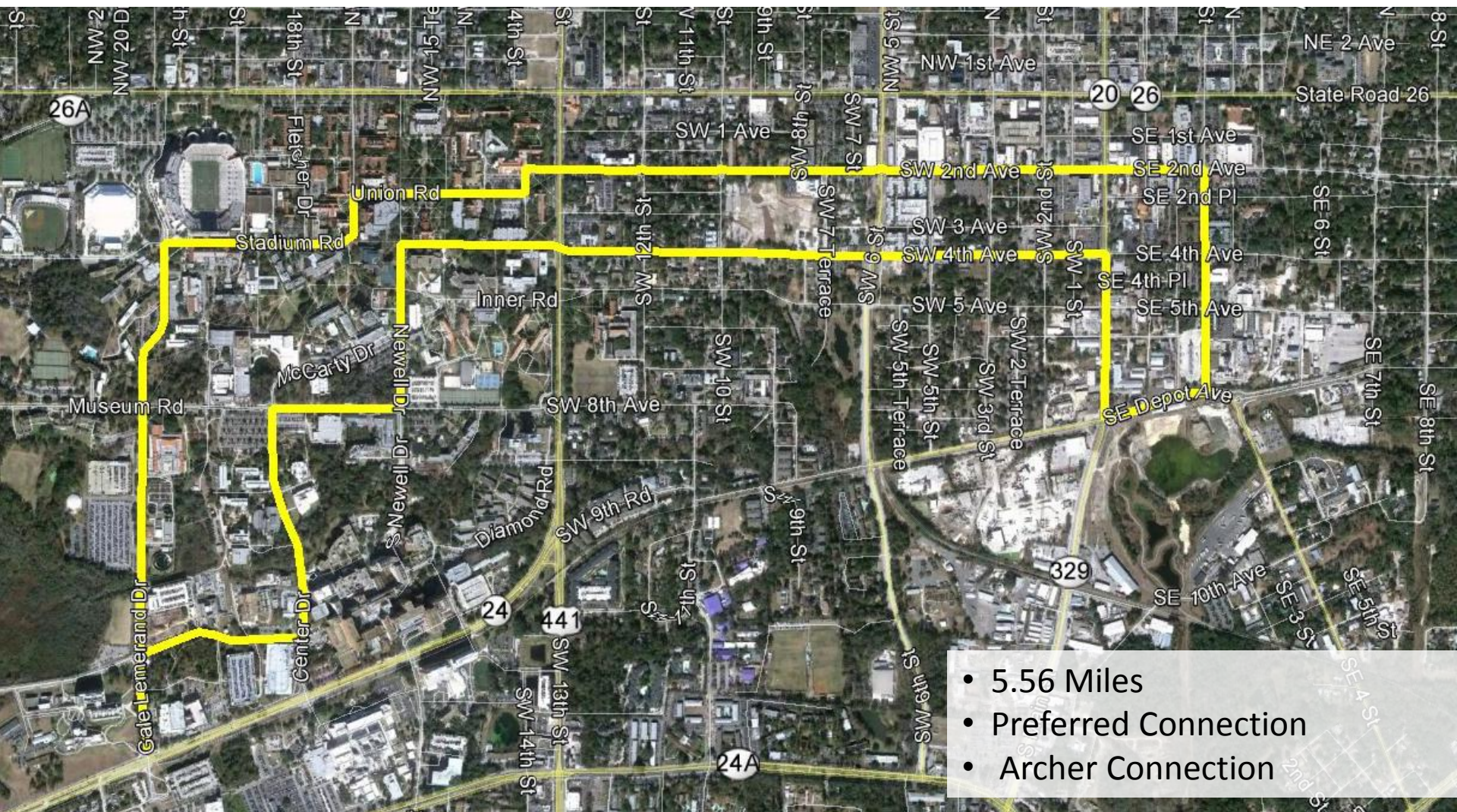


- 3.73 Miles
- 13<sup>th</sup> / University Ave.
- Connects to existing RTS maintenance facility
- NE 3<sup>rd</sup> Street / SW 4<sup>th</sup> Ave.



# Route Concept 4 – Preferred Vision

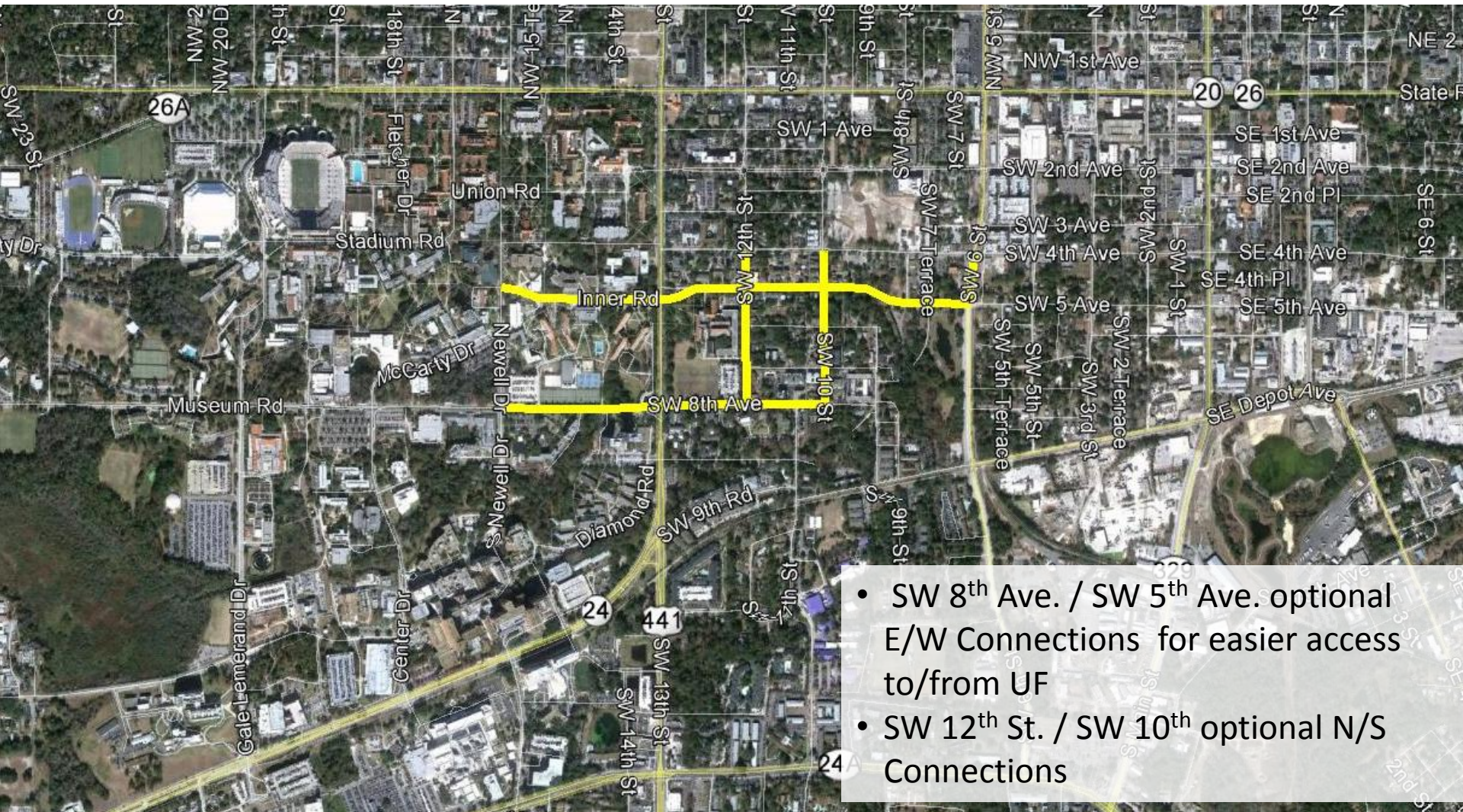
Legislative ID# 130722C



- 5.56 Miles
- Preferred Connection
- Archer Connection

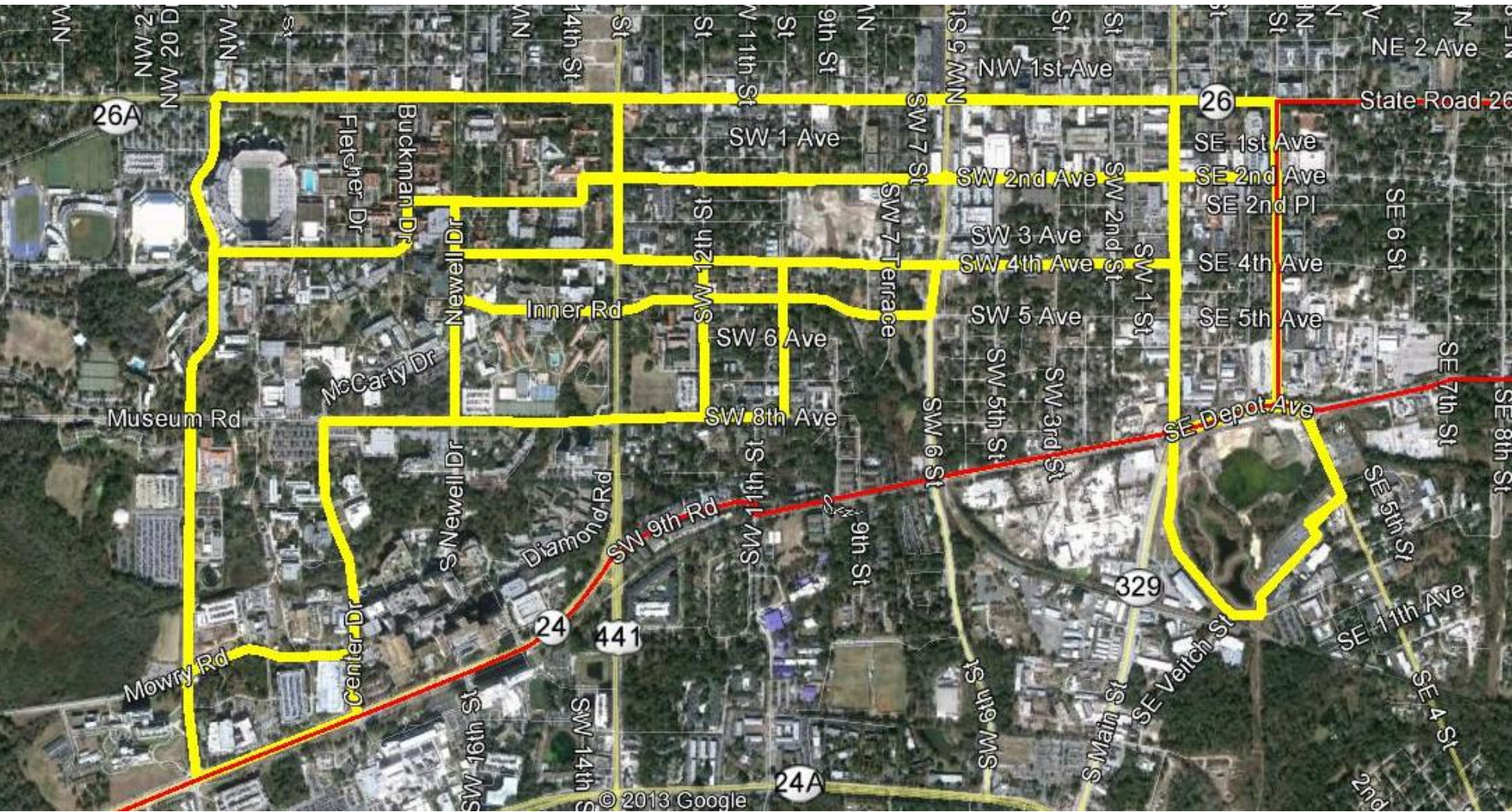
# Fieldwork Additions

Legislative ID# 130722C



# All Potential Routes

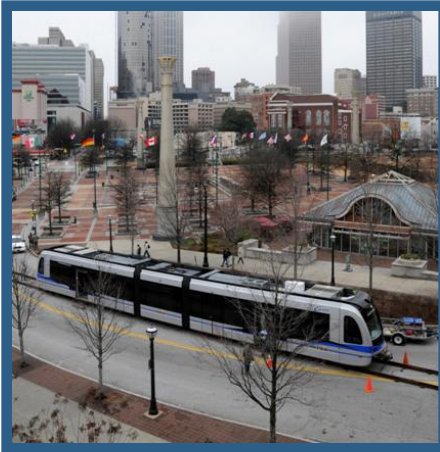
Legislative ID# 130722C



# Process to Identify Options

Legislative ID# 130722C

- Input from PTAC
- Fatal flaw engineering analysis
- Land use analysis / major attractors
- Parking transportation



Questions?