

# **AGENDA**

THE PANEL PROJECT INTRODUCTION **COMMUNITY-LED VISION GOOD FENCES MAKE GOOD NEIGHBORS MASTER PLAN RECOMMENDATIONS** 

# THE PANEL

### THE PANEL

# A Consultant, A City Planner, An Airport Director



Amanda Morrell
Project Manager, Arcadis
Landscape Architect



Consultant Team (ARCADIS + Stantec + CBRE + MXD + W-ZHA)



**Ben Abdo**Development Planner,
Long-Range Planning,
Project Manager



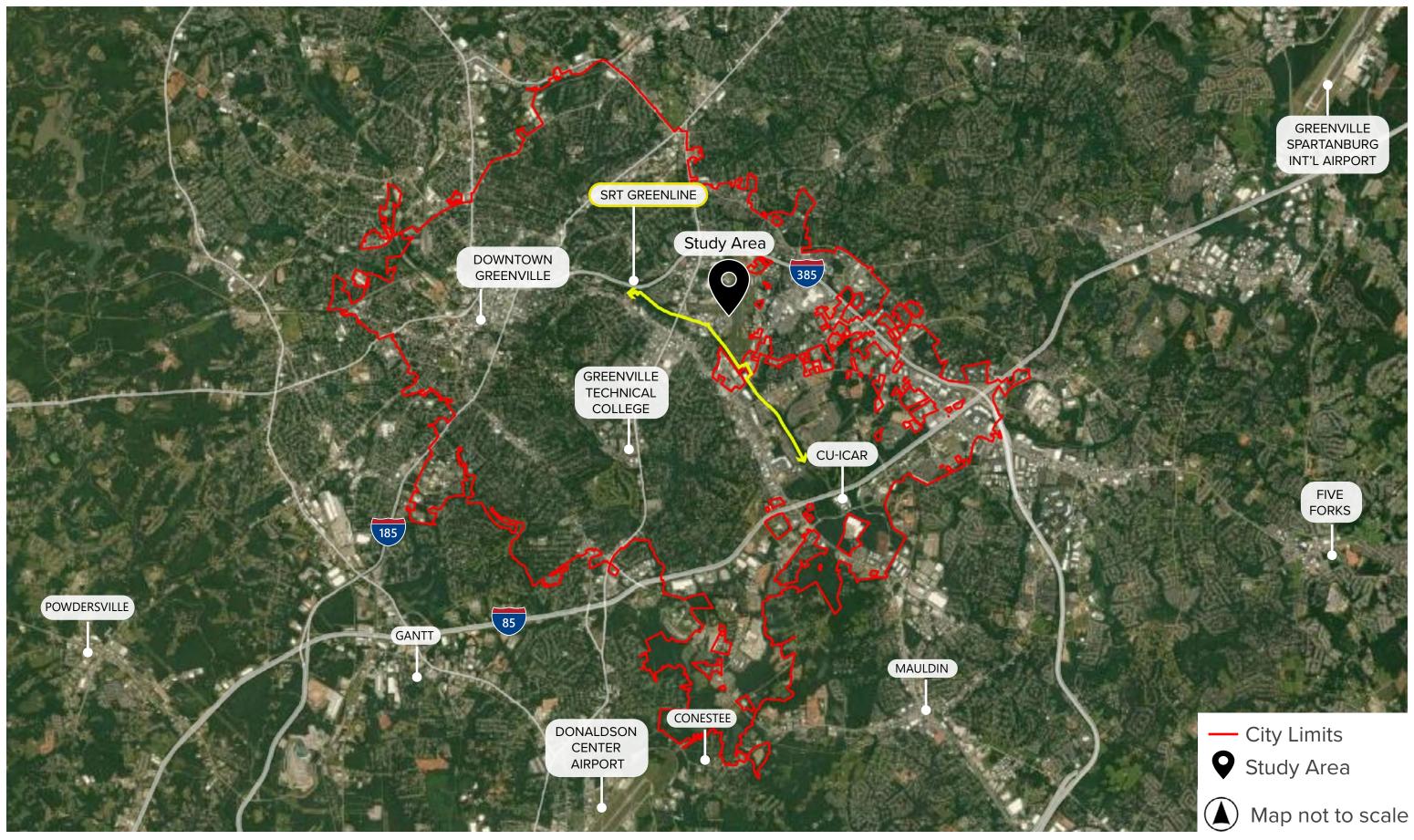


James Stephens
Airport Director,
Greenville Downtown
Airport



# PROJECT INTRODUCTION

# **PROJECT CONTEXT**



# THE UNIQUE CHALLENGE

- Marry the economic development and land use vision of the City of Greenville with the logistical requirements of the Greenville Airport Commission and the Federal Aviation Administration
- Leverage the Greenville Convention Center as a District Hub
- Leverage multimodal transportation and public infrastructure improvements (including the Swamp Rabbit Trail) to encourage private investment



#### **PLANNING GOALS**

Project Scope + GVL 2040 Comprehensive Plan

## **Project Scope**

- To assess compatible land uses within the Study Area within a well-balanced framework of employment centers, appropriate industrial and logistics operations, single-family residential neighborhoods, high-density residential uses, and commercial, office, and retail uses.
- To provide a comprehensive planning study that will recommend actions to capitalize on the **economic development opportunities** of the airport, convention center, and surrounding properties.
- To provide a **market study** that will inform land use decisions and support the **recruiting of appropriate new development**.
- To generate recommendations for feasible capital projects
  to improve roads and other public infrastructure (sidewalks,
  streetscape, stormwater, open space, bicycle, and pedestrian
  paths) that will serve as a signature gateway to the airport and
  convention center, enhance connectivity to nearby commercial
  and residential areas, and enhance the quality and marketability
  of the surrounding land uses.
- To prepare a **master plan** that incorporates stormwater, transportation, and land uses in an illustrative document that depicts the desired development patterns and land use character.

#### **GVL 2040 Comprehensive Plan**



Affordable Housing Opportunities



**KEEPING IN MIND OVERARCHING GOALS** 

Open Space & the Environment



Transportation & Mobility

#### **OTHER PLANNING EFFORTS**

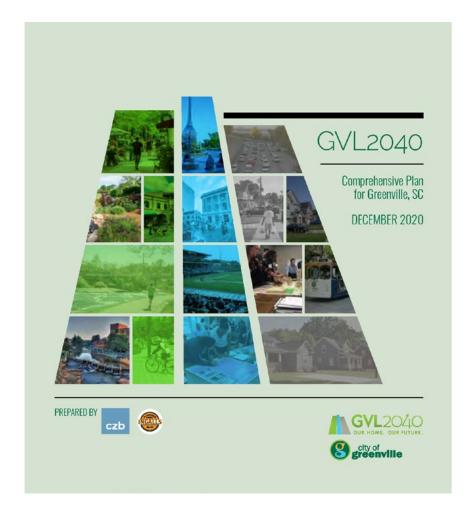
**Current and Past Planning Efforts** 

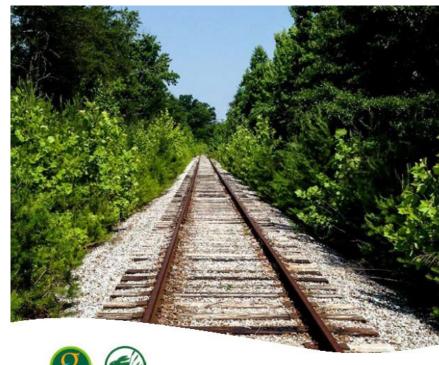
#### **Parallel Planning Efforts**

 Development Code & Zoning Map (Planning Commission recommended approval in May 2023; City Council officially passed the New Development Code on June 12, 2023)

### **Most Relevant Past Planning Efforts**

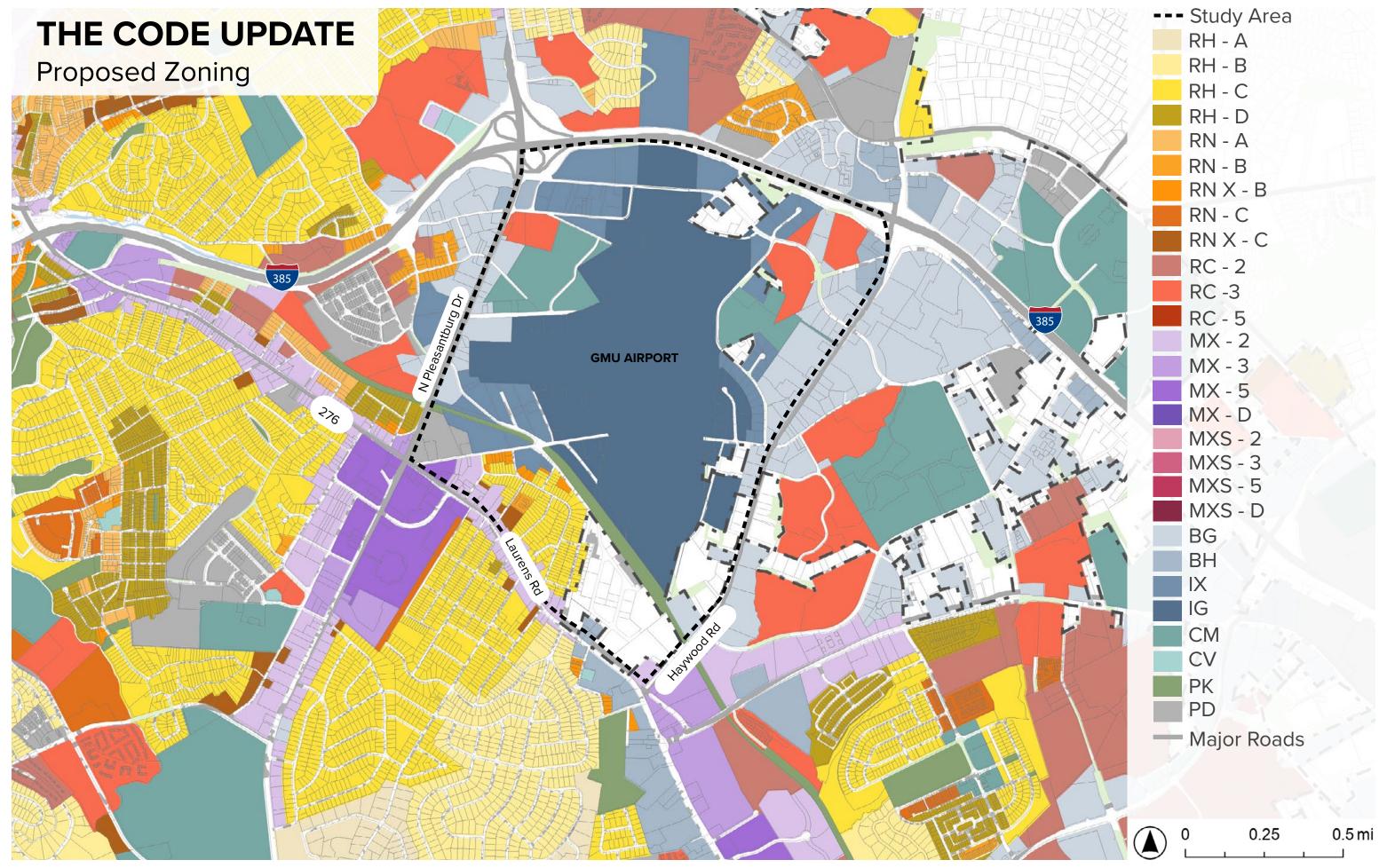
- GVL2040 Comprehensive Plan
- GPATS 2045 LRTP
- Greenville Downtown Airport-GMU Rules & Regulations
- Greenlink TDP Update 2021
- City of Greenville Bicycle Master Plan
- Swamp Rabbit Trail Extension Master Plan





Master Plan
City of Greenville, South Carolina

**Swamp Rabbit Trail Extension** 



# THE CODE UPDATE

Proposed Zoning

# WHAT IS FLEX/INDUSTRIAL (NEW IX ZONE), AND WHAT ARE SOME WAYS IT CAN LOOK?

















# COMMUNITY-LED VISION

#### PROJECT & ENGAGEMENT TIMELINE

### Planning Process

**Steering** Committee **Touchpoint**  January 17th & 18th, 2023 (In-person)

Stakeholder Interviews & Focus Group Meetings

**January 20th, 2023** (Virtual)

Steering Committee Meeting (#2) April 24th - 26th, 2023 (In-person)

Public Planning & Design Charrette (Public Meeting #2) June 6<sup>th</sup>, 2023 (In-person)

**Public Presentation** of Preliminary Recommendations (Public Meeting #3)

June 20th, 2023 (Digital Review)

Internal Review Draft

September 1<sup>st</sup>, 2023 (Virtual)

Steering Committee Meeting (#5)

September 5<sup>th</sup>. 2023 (Digital Review) Public Review Draft

2023

4-----

Name and the second sec **December 12th, 2022** 

Steering Committee Kickoff & Site Tour

February 24<sup>th</sup>, 2023 (Virtual)

A .....

Steering Committee Meeting (#3)

March 7<sup>th</sup>, 2023 (In-person)

**MAR** 

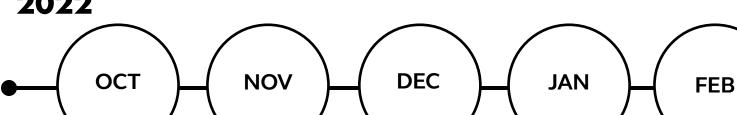
**Public Visioning** Workshop (Public Meeting #1)

April 27th, 2023 (In-person)

Charrette Debrief Steering Committee Meeting (#4) 

2022

**Project Initiation** 



Phase 1 Phase 2

**Background Review and Analysis** 

Phase 3

**Establishing the** Vision

Phase 4

**APR** 

**Developing the Master Plan** 

Phase 5

Preparing the **Draft Master Plan** 

JUN

Phase 6

JULY-

**SEPTEMBER** 

Finalizing the **Master Plan** 

Planning Commission Recommended Approval- October 2023 **Anticipated City Council Adoption-November 2023** 

**MAY** 

# **PROJECT LEADERSHIP**

#### **Steering Committee**



**Gail Wilson Awan**Urban League Upstate



Jonathan Brashier
Visit Greenville SC



**Alan Mitchell**Nicholtown Neighborhood
Association



**Simms Hinds**Greenville Convention
Center



**Jeff Rose**Central Realty



**Austin Lovelace**Greenville County
Planning



**Bryana Mistretta**Greenville Area
Development Corporation



Marcus McCall
McCall Capital



Foster McKissick IV
Fairway Ford



**Chris Bailey**Greater Greenville
Association of Realtors



Matt Alexander
Greenville Airport
Commission



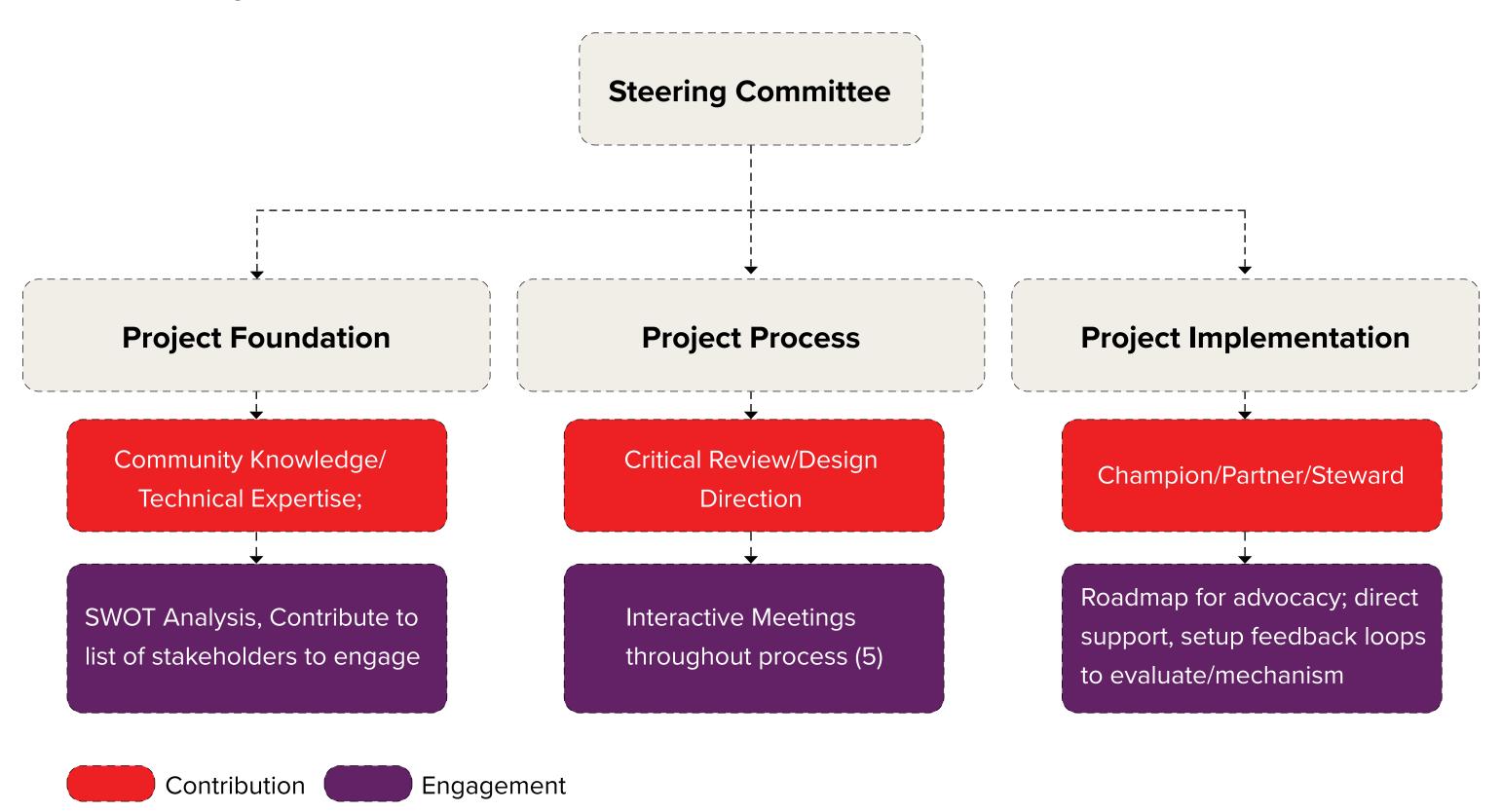
Kevin Feeny
Kitchen Sync,
LLC & East Lynne
Neighborhood
Association



Yvonne S. Reeder
Nicholtown Neighborhood
Association

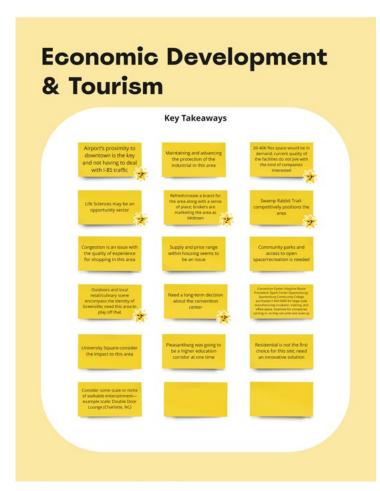
# **ROLES AND RESPONSIBILITIES**

Role of Steering Committee



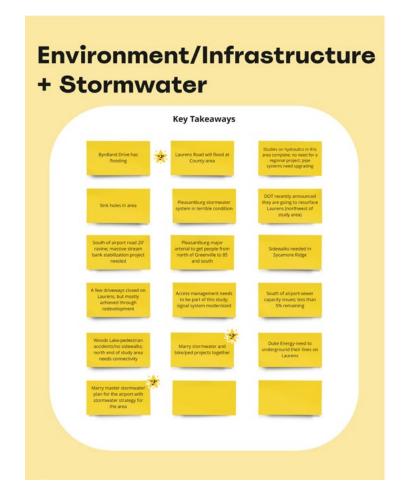


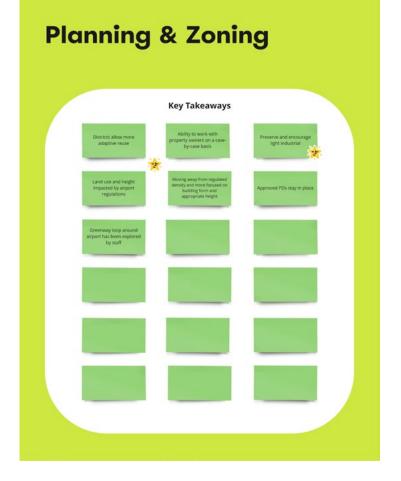


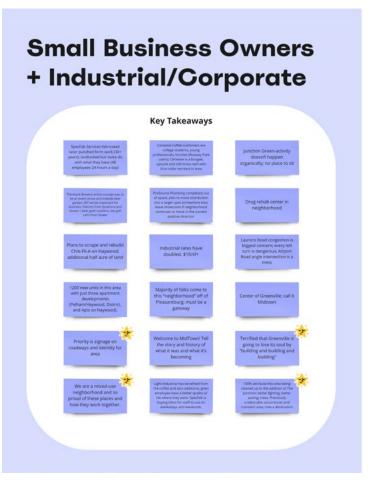








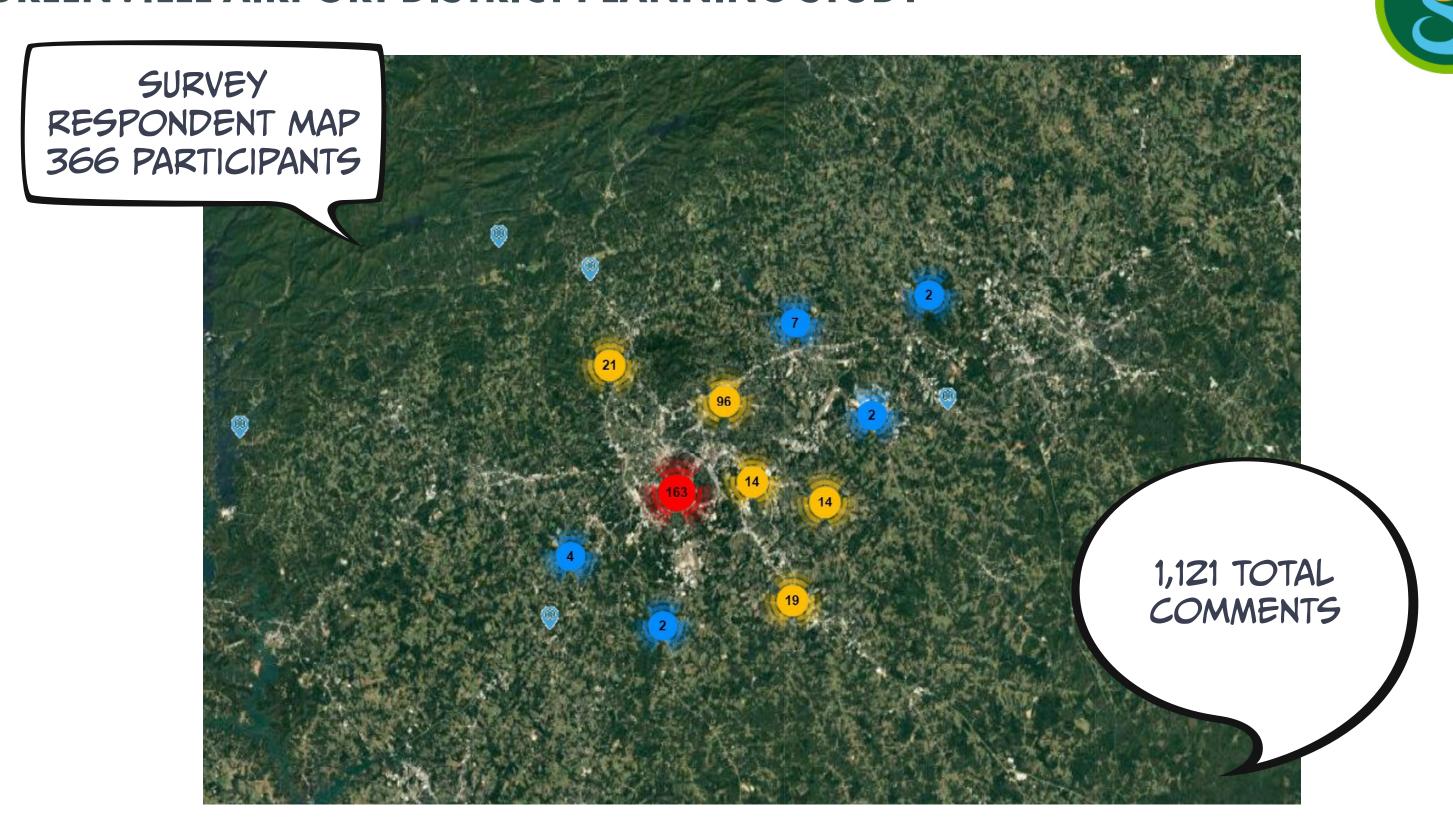






# **ONLINE SURVEY**

# **GREENVILLE AIRPORT DISTRICT PLANNING STUDY**





# GOOD FENCES MAKE GOOD NEIGHBORS

# WHO IS GMU?

# **GMU History**

- Founded 1928: Second oldest in SC
- Only Nationally ranked airport in SC
- Over 200 based aircraft
- 85,619 aircraft operations in 2022
- Approximately 380 Acres centered in 1,000 acre study area
- No financial dependency on the City or County

SC Economic Impact Report (2018)

- 547 Jobs
- Annual Economic
   Contribution: \$68.8M/Yr.



# AIRPORT COMPATIBLE LAND USE LAWS AND REGULATIONS

# Why does South Carolina care?

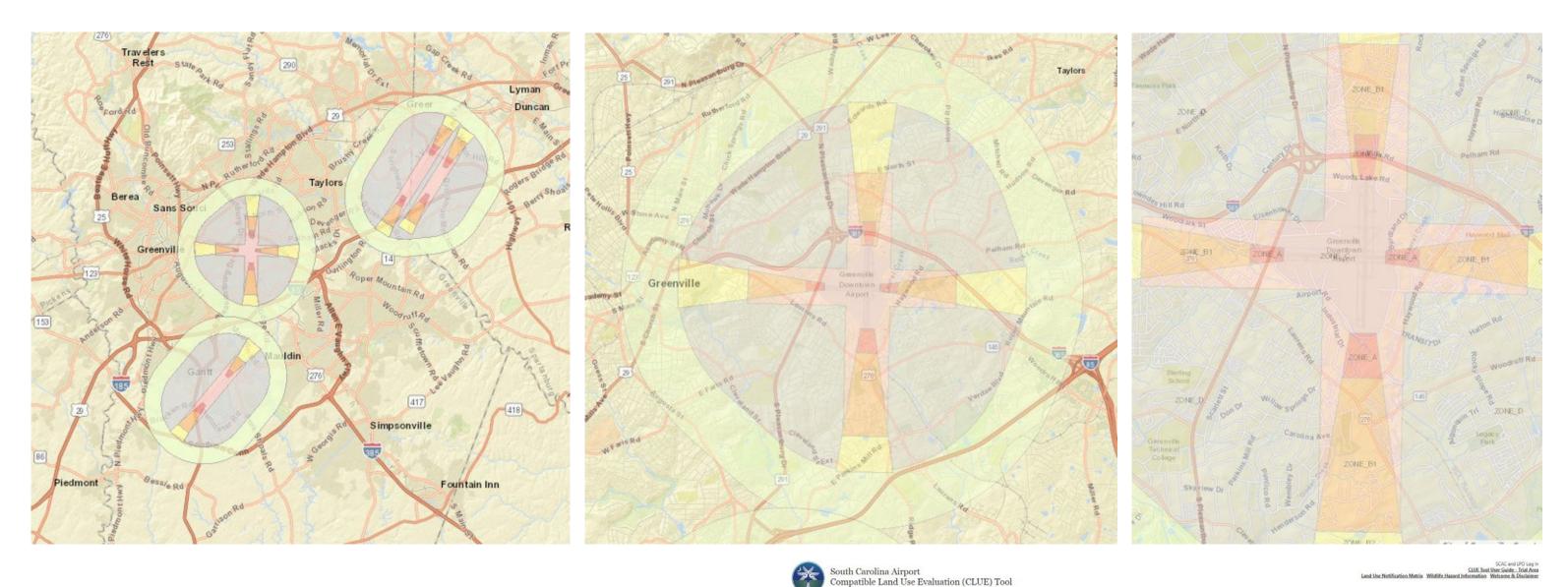
- Population growth can encroach and diminish airport usability
- Millions invested in infrastructure by the state
- With that investment communities have agreed to grant assurances
  - Grant Assurance #9: Sponsor shall maintain clear, safe, and economically viable approaches to the airport in compliance with ...
  - Grant Assurance #10: Sponsor shall enact a zoning ordinance on all land surrounding the airport under its jurisdiction as to conform, at a minimum, to the pertinent regulations...
- State Laws require land use planning
- Soon to be....State Regulation for "Compliance with Land Use in the Vicinity of Airports"

# AIRPORT COMPATIBLE LAND USE LAWS AND REGULATIONS

# **SC Law & Regulation**

- State Laws that require land use planning are in place
- Title 55-13-5:
  - "The division shall create a map of each public use airport"
  - "Each governmental body or agency receiving these maps shall ensure notice of any planned development, plat approval, or building permit issued in an airport safety zone or airport land use zone be provided to the division for review."
  - "Land use decisions by county and municipal governments and local agencies shall take into account the presence of airport land use zones. Land use decisions in airport land use zones should avoid and minimize the impact to interruption of aircraft operations, aviation safety, including approach, landing, takeoff, and departure criteria established by the Federal Aviation Administration or nationally recognized industry standards."
- Soon to be....State Regulation for "Compliance with Land Use in the Vicinity of Airports"

# **SC LAND USE MAPS**





# AIRPORT COMPATIBLE LAND USE LAWS AND REGULATIONS

# What does the Federal Avaiation Administration (FAA) say?

- Millions invested in infrastructure by the FAA
- With that investment communities have agreed to grant assurances
  - Grant Assurance #20: Hazard Removal and Mitigation It will take appropriate action to assure that such terminal airspace as is required to protect instrument and visual operations to the airport (including established minimum flight altitudes) will be adequately cleared and protected by removing, lowering, relocating, marking, or lighting or otherwise mitigating existing airport hazards and by preventing the establishment or creation of future airport hazards.
  - Grant Assurance #21: Compatible Land Use It will take appropriate action, to the extent reasonable, including the adoption of zoning laws, to restrict the use of land adjacent to or in the immediate vicinity of the airport to activities and purposes compatible with normal airport operations, including landing and takeoff of aircraft.

# AIRPORT COMPATIBLE LAND USE LAWS AND REGULATIONS

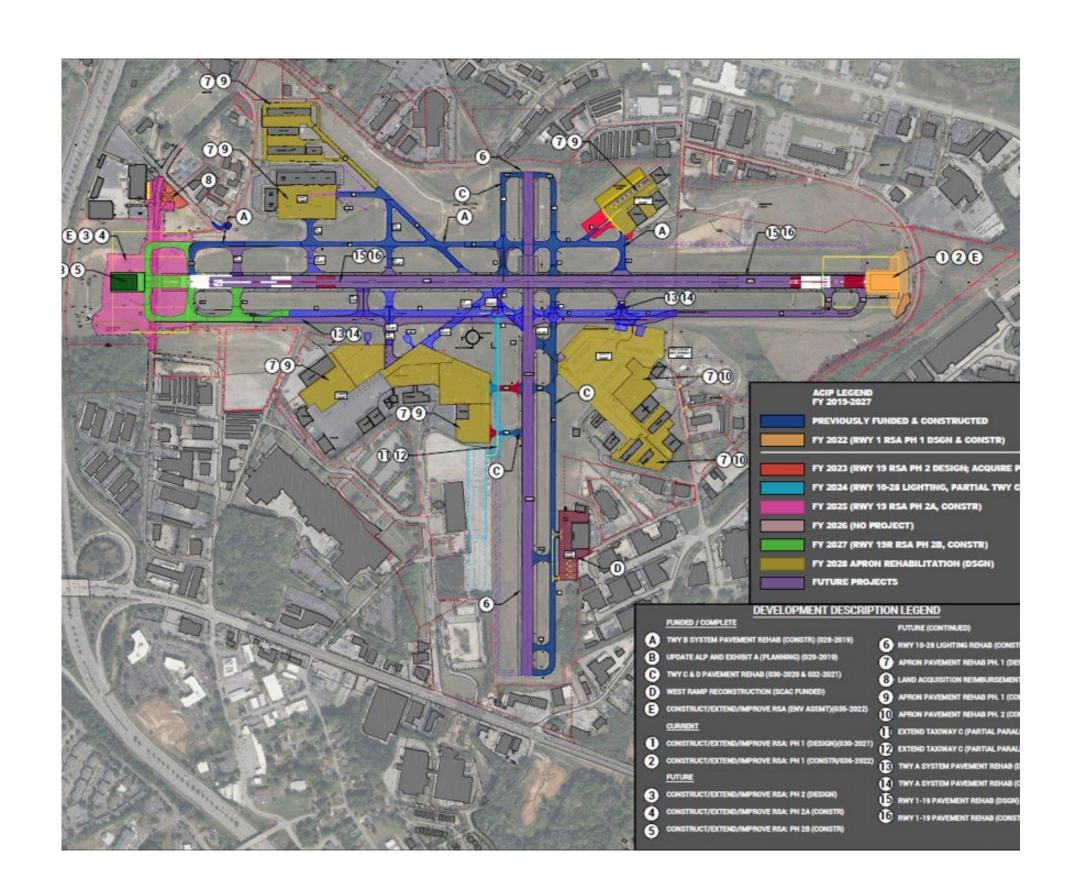
# **Potential Impacts to GMU & Our Community**

- Potential violation of grant assurances (Airport, City and County are party to the grant)
- Limited future grant availability
  - Loss of capital investing opportunities
  - Deferred maintenance, unsafe conditions
- Loss of flight approach minimums
- Effective loss of runway length
  - Less corporate usage
  - Potential loss of airport based business
- Loss of economic impact to the community
  - \$68.8 Million Annually reduces

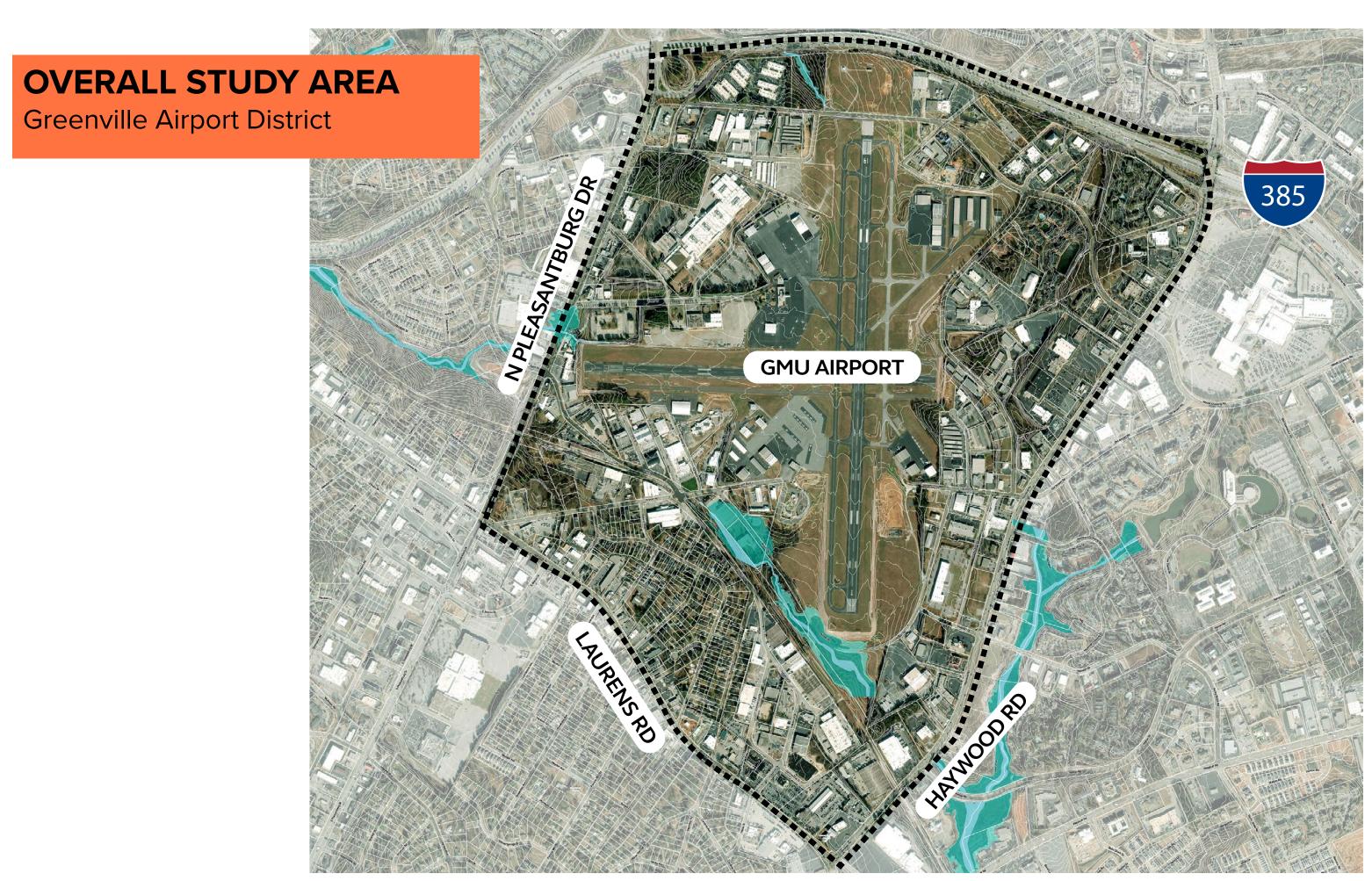
### **GMU'S FUTURE IN DOWNTOWN GREENVILLE**

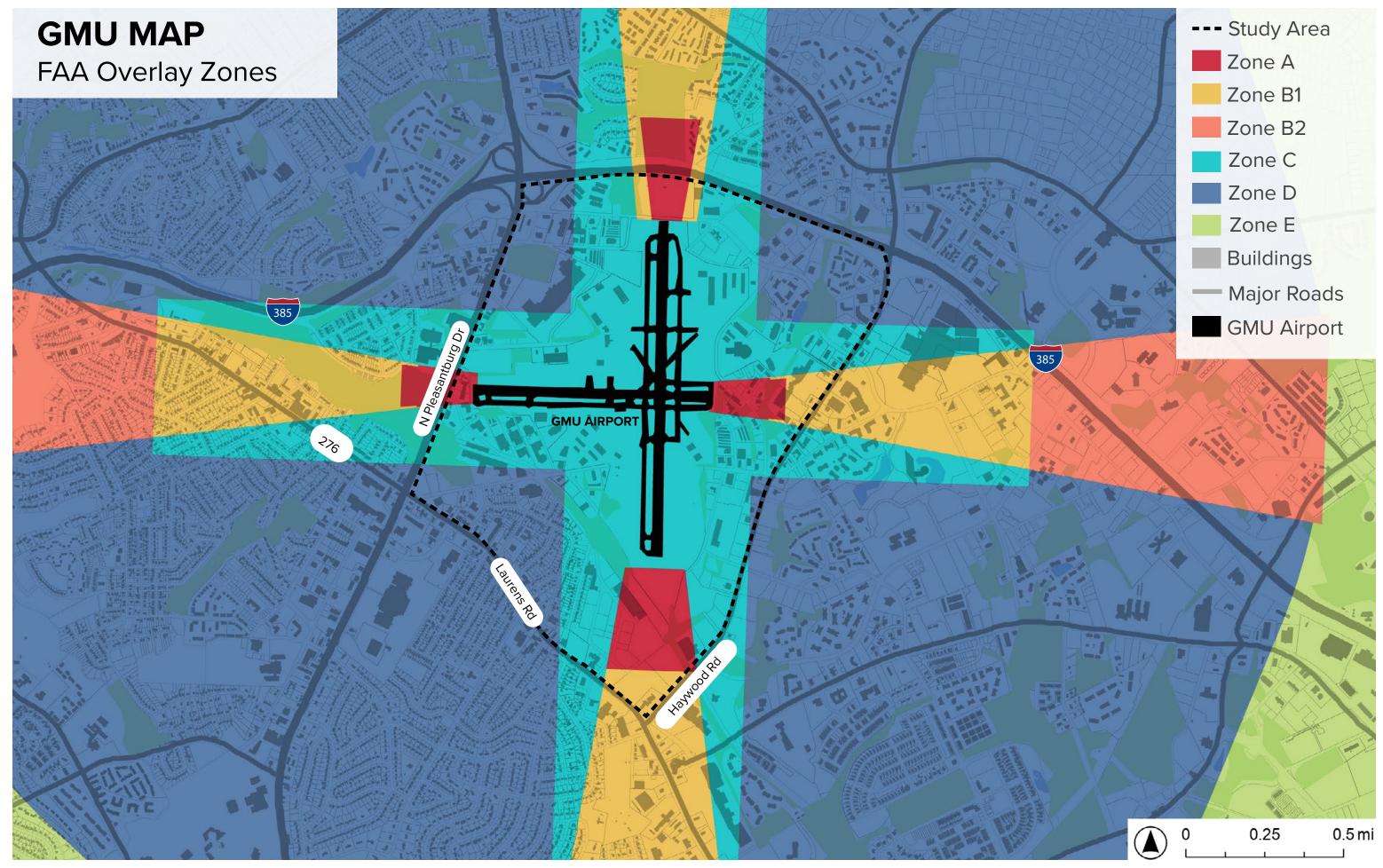
### Goals

- Remain the only nationally ranked airport in SC
- Continue to develop airport property
- Increase based aircraft and operations
- Known for being Greenville's community airport
- Add value to Greenville



# MASTER PLAN RECOMMENDATIONS





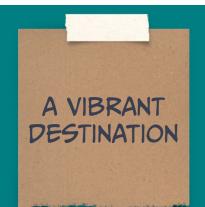
#### **GUIDING PRINCIPLES & PROJECT GOALS**

**Greenville Airport District** 

**GUIDING PRINCIPLES** 

# CREATE A PLACE THAT IS ...







#### **PROJECT GOALS**

BALANCE DISTRICT MOBILITY FOR ALL USERS

LAURENS ROAD, HAYWOOD ROAD, PLEASANTBURG DRIVE CAPITALIZE ON
THE
DISTRICT'S
UNIQUE
ASSETS

DOWNTOWN
AIRPORT,
SWAMP RABBIT
TRAIL,
CONVENTION
CENTER, SMALL
BUSINESSES

CONNECTIVITY
TO CREATE A
COMMUNITY
IDENTITY &
MARKET VALUE

RUNWAY LOOP TRAIL RECONFIGURE
DISTRICT
INFRASTRUCTURE
TO HIGHLIGHT
COMMUNITY
DESTINATIONS

COMMUNITY CORRIDOR & CONVENTION CENTER

#### **COMPLETE STREETS PHILOSOPHY**

**Greenville Airport District** 

#### **Connect the Community with Complete Streets**

RETROFITTING
CORRIDORS
FOR SAFETY OF
ALL USERS IS
PARAMOUNT

PEDESTRIANS, CYCLISTS, & TRANSIT RIDERS MUST BE A PRIORITY SUPPORT THE
AREA AS A
TRAIL-ORIENTED
COMMUNITY
BEYOND THE
SWAMP RABBIT
TRAIL

MULTIMODAL
CORRIDORS
SUPPORT A
RETURN ON
INVESTMENT &
HIGH QUALITY
DESIGN



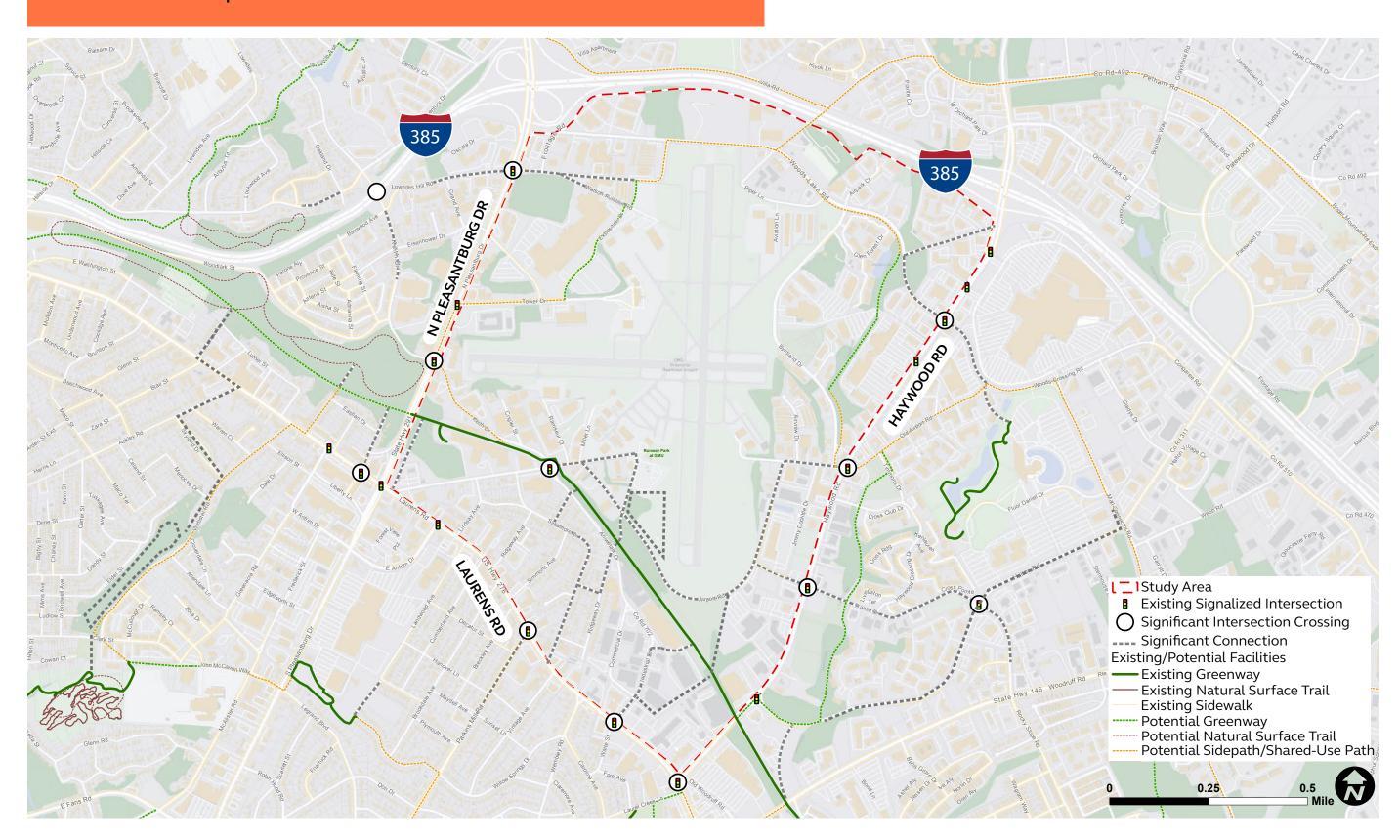






# **MULTIMODAL CONNECTIVITY**

Greenville Airport District





# **EXISTING CONDITIONS**

Woods Lake Road at North Runway Adjacent to I-385



# **CONCEPTUAL IDEA**

Planned North Runway Extension with Woods Lake Multimodal Tunnel (Loop Trail)



# **OVERALL MASTER PLAN**

Overall Study Area Conceptual
Development/Redevelopment
Opportunities



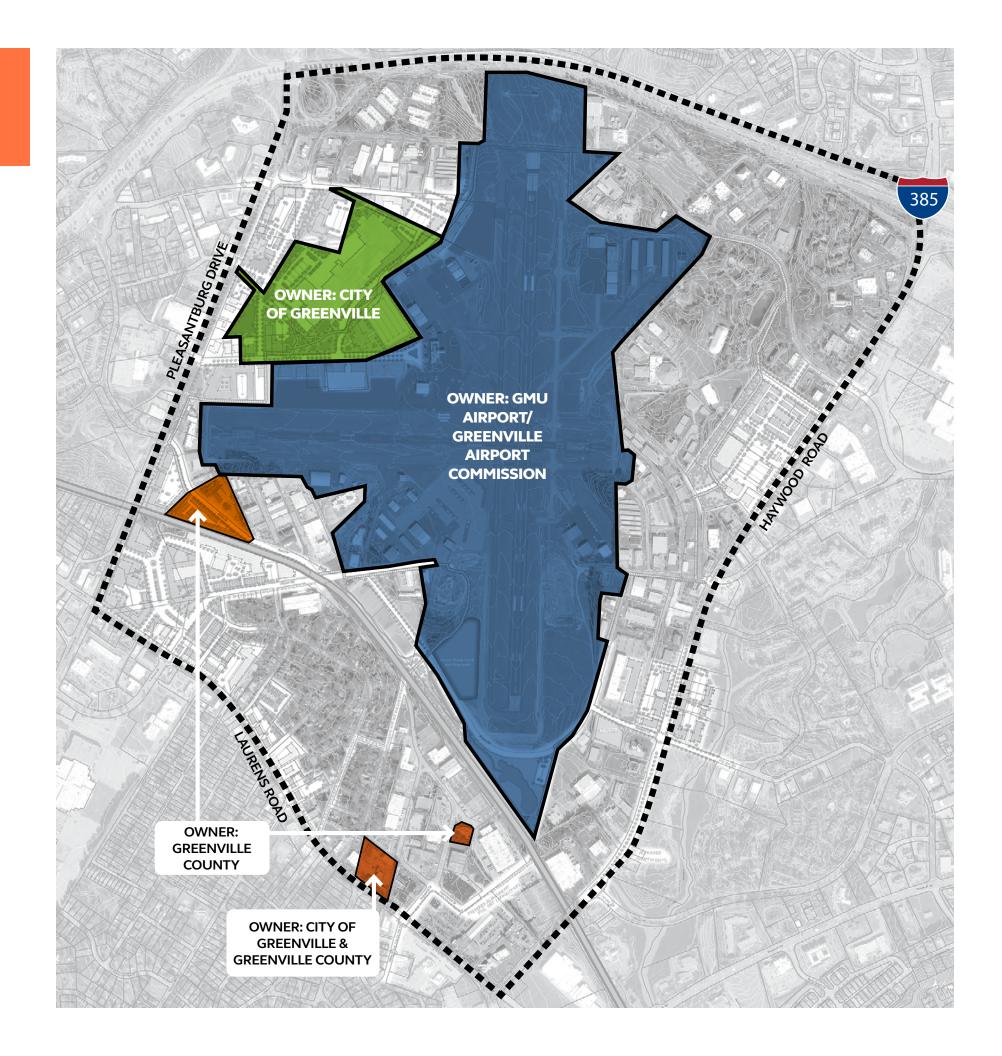
#### **OVERALL MASTER PLAN**

Ownership by Public Agencies





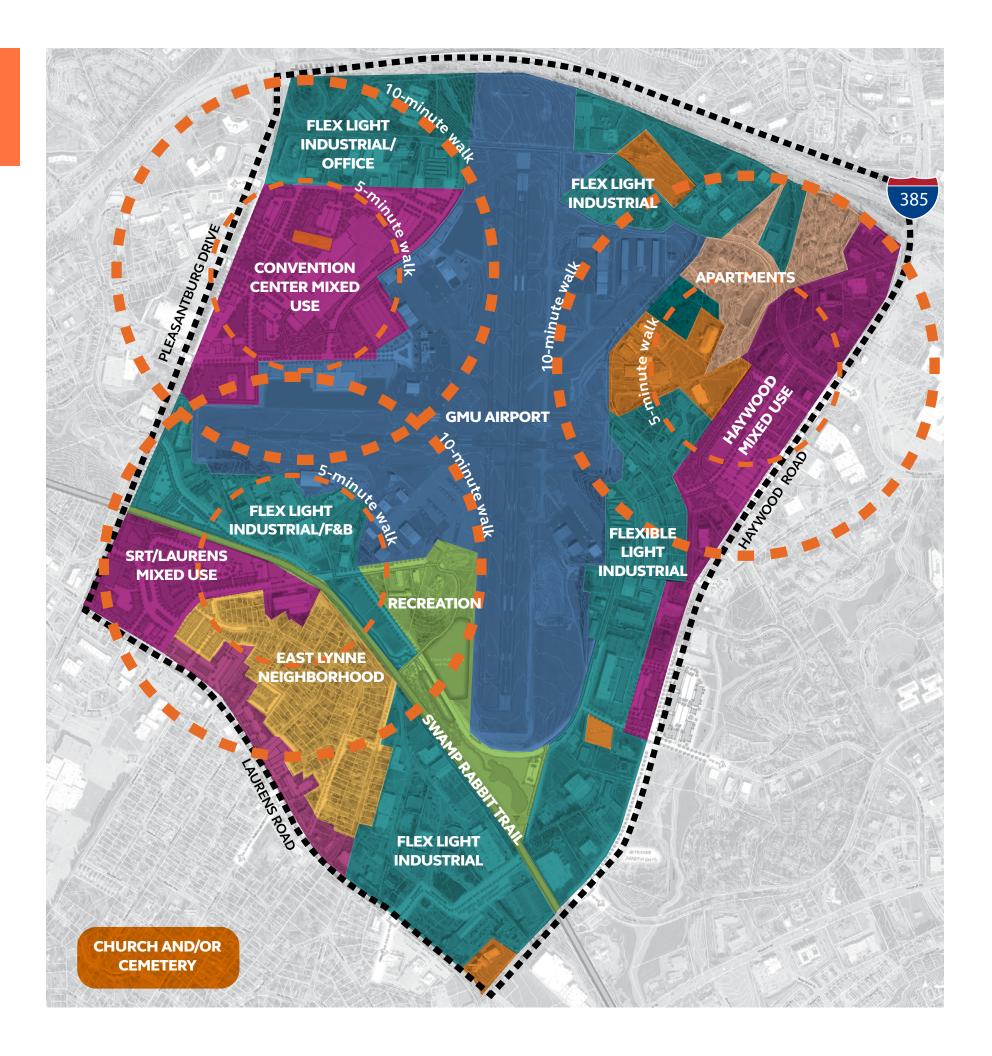


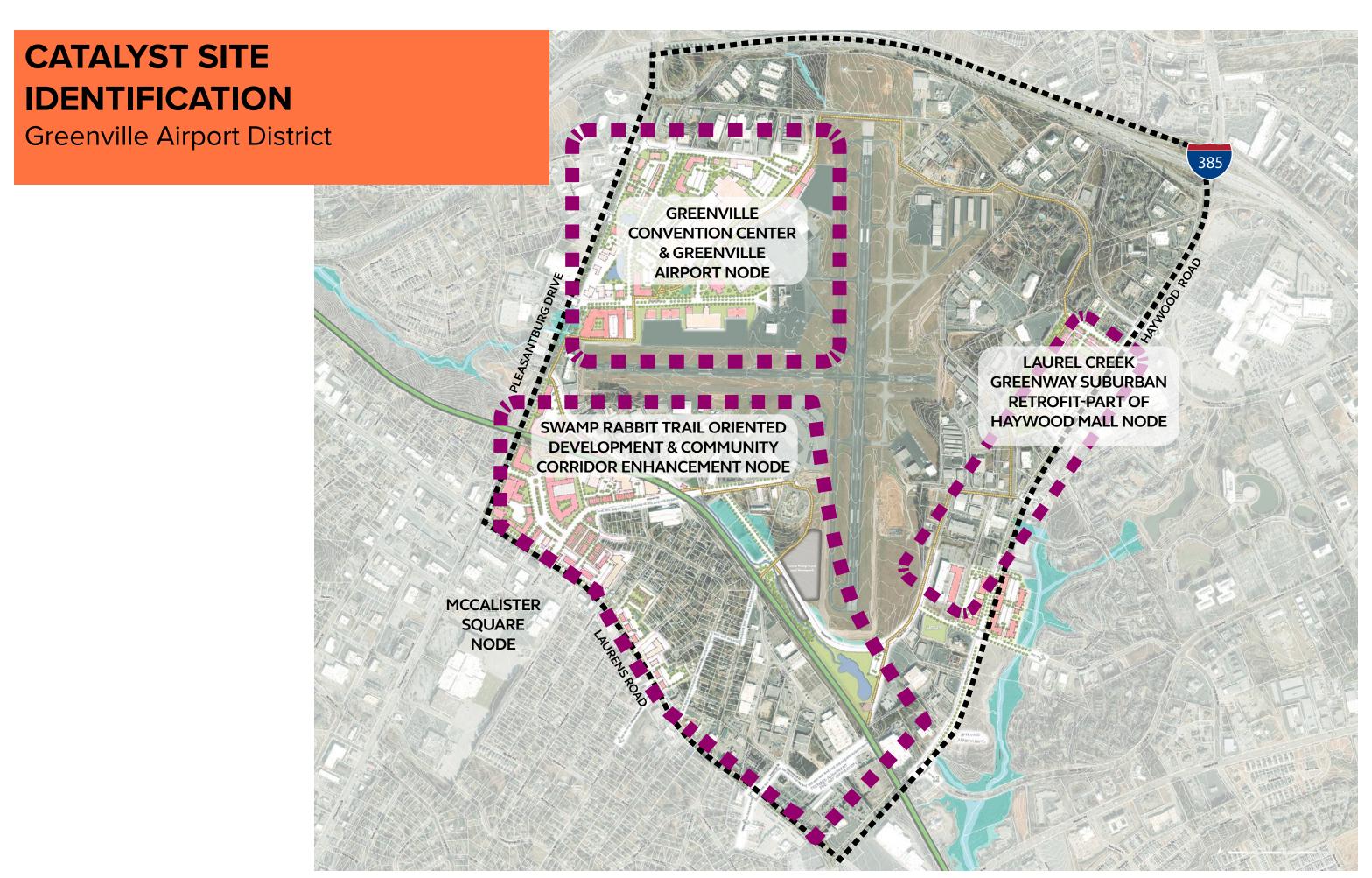


#### **OVERALL MASTER PLAN**

Conceptual Airport District Land Use Plan

- Church or Cemetery
- East Lynne Neighborhood
- Mixed Use Node
- Flex/Light Industrial
- Airport





#### **CONVENTION CENTER**

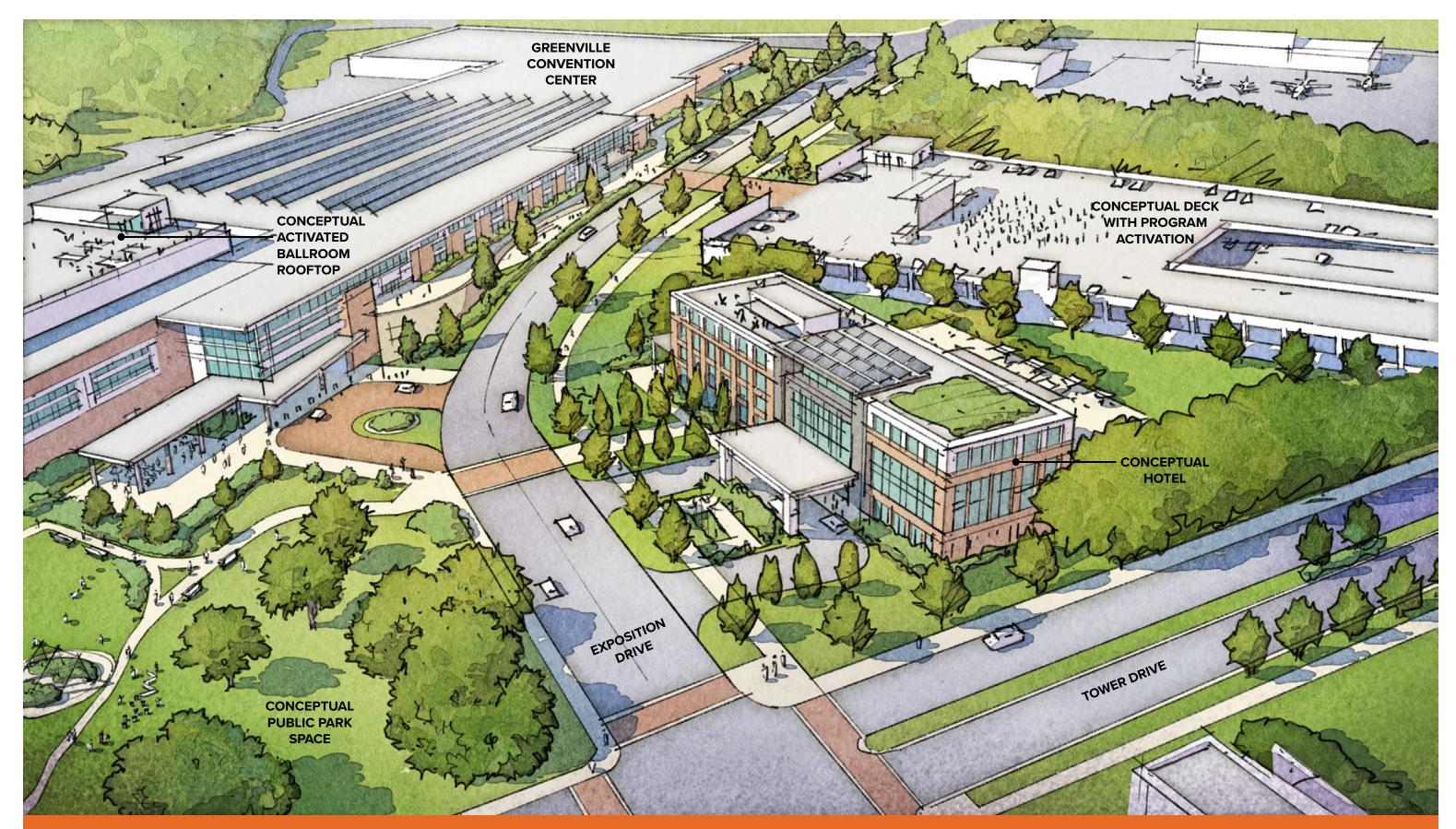
Conceptual Master Plan

# **Key Public Strategies for City & Airport**

- Reconfigure Exposition Drive to provide an **at-grade entry** to the Convention Center Expo.
- Increase everyday outdoor experiences with a **public park space** on Convention Center property and the Runway Loop Trail through the area.
- Expand on-field **aeronautical offerings** along Tower Drive and the new alignment of Exposition Drive.
- Build a **shared parking deck** with the Airport, the Convention Center, and a new hotel as potential partners. Utilize the rooftop of the deck for unique community programming.







### **CONCEPTUAL IDEA**

Align Exposition Drive to At-Grade Entry with Conceptual Parking Deck

#### **LAURENS ROAD & SRT**

Conceptual Master Plan

#### **Key Public Strategies for City & Airport**

- Reconfigure Airport Road to Align with Antrim Drive to eliminate dangerous intersection of Pleasantburg, Laurens, and Airport Roads and to create a meaningful entry and arrival sequence to the Community Corridor.
- Increase SRT connectivity with Runway Loop Trail.
- Enhance neighborhood route/trail crossing improvements at Waite Avenue, Parkins Mill Road, and conceptual Antrim/Airport alignment.
- Provide an **airplane viewing platform** along the SRT at the southern end of the runway.
- Expand recreation offerings related to the Airport's Community Corridor (skate park, pump track, trail parking, etc.).



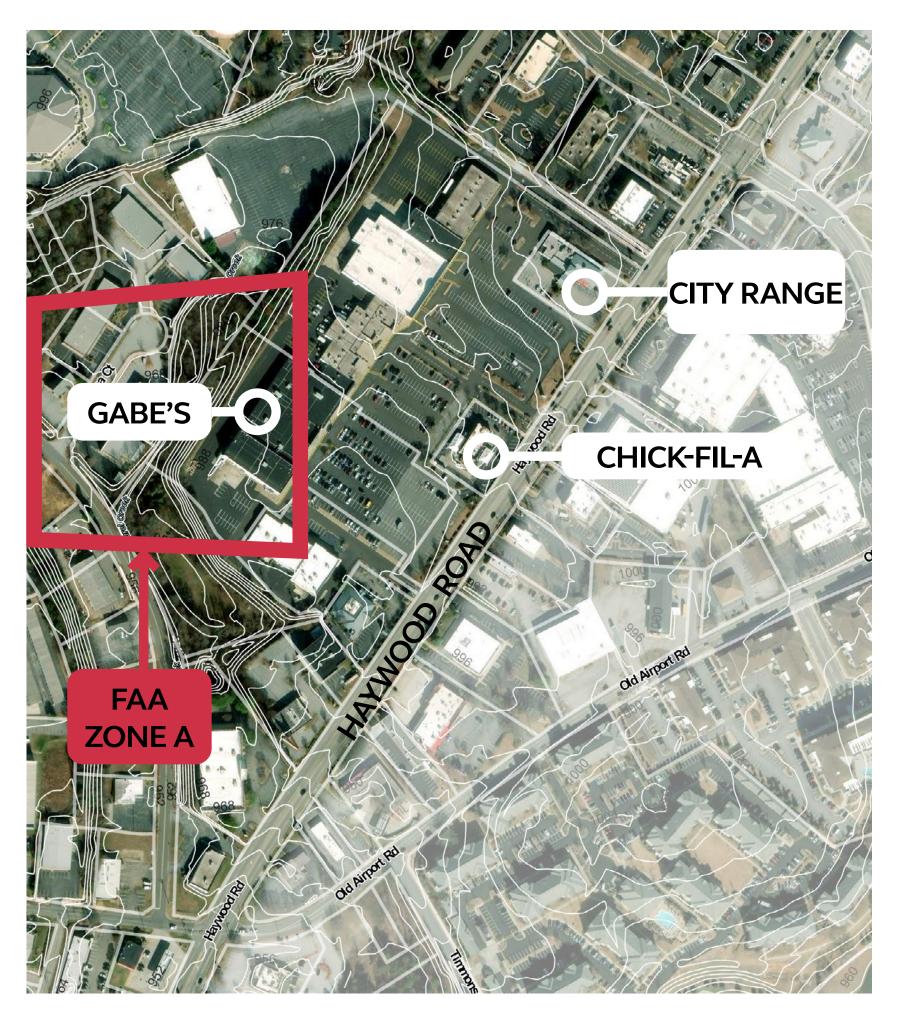




**Existing Conditions** 



View Looking North on Haywood Road



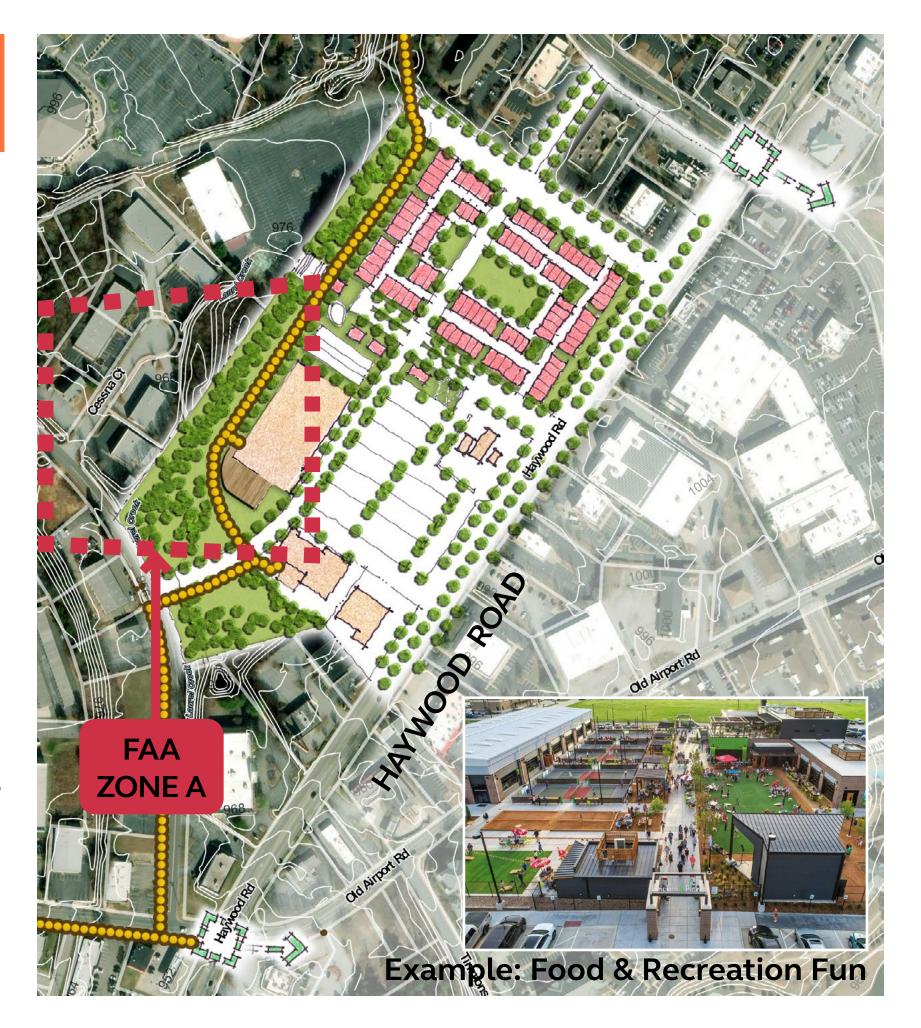
Conceptual Master Plan

#### **Key Public Strategies for City & Airport**

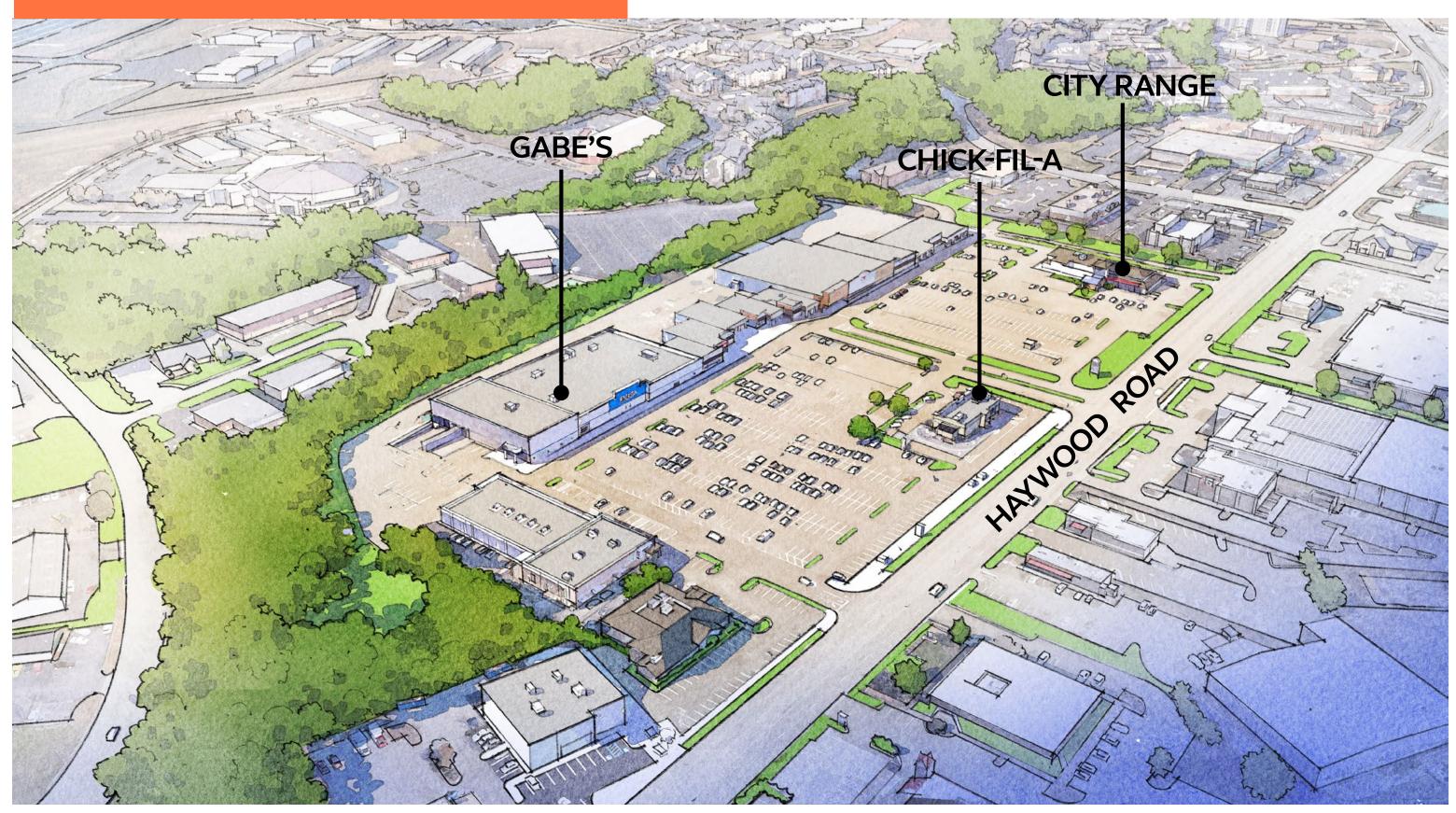
- Plant medians on Haywood Road for access management and consider retrofitting the roadway elements to accommodate bike/ pedestrian facilities.
- Increase SRT connectivity with **Runway Loop Trail**.
- Enhance local street connectivity and cross parcel connectivity as development/ redevelopment occurs.

#### **Private Development Opportunities**

• Re-imagine auto-oriented development as **trail-oriented opportunities** arise. Keep low-scale footprints in the critical flight path, but capitalize on the trail alignment with more food, beverage, and recreation/fun offerings including a trail-facing outdoor dining deck.



**Existing Conditions** 



Conceptual Public Investment



Conceptual Private Investment

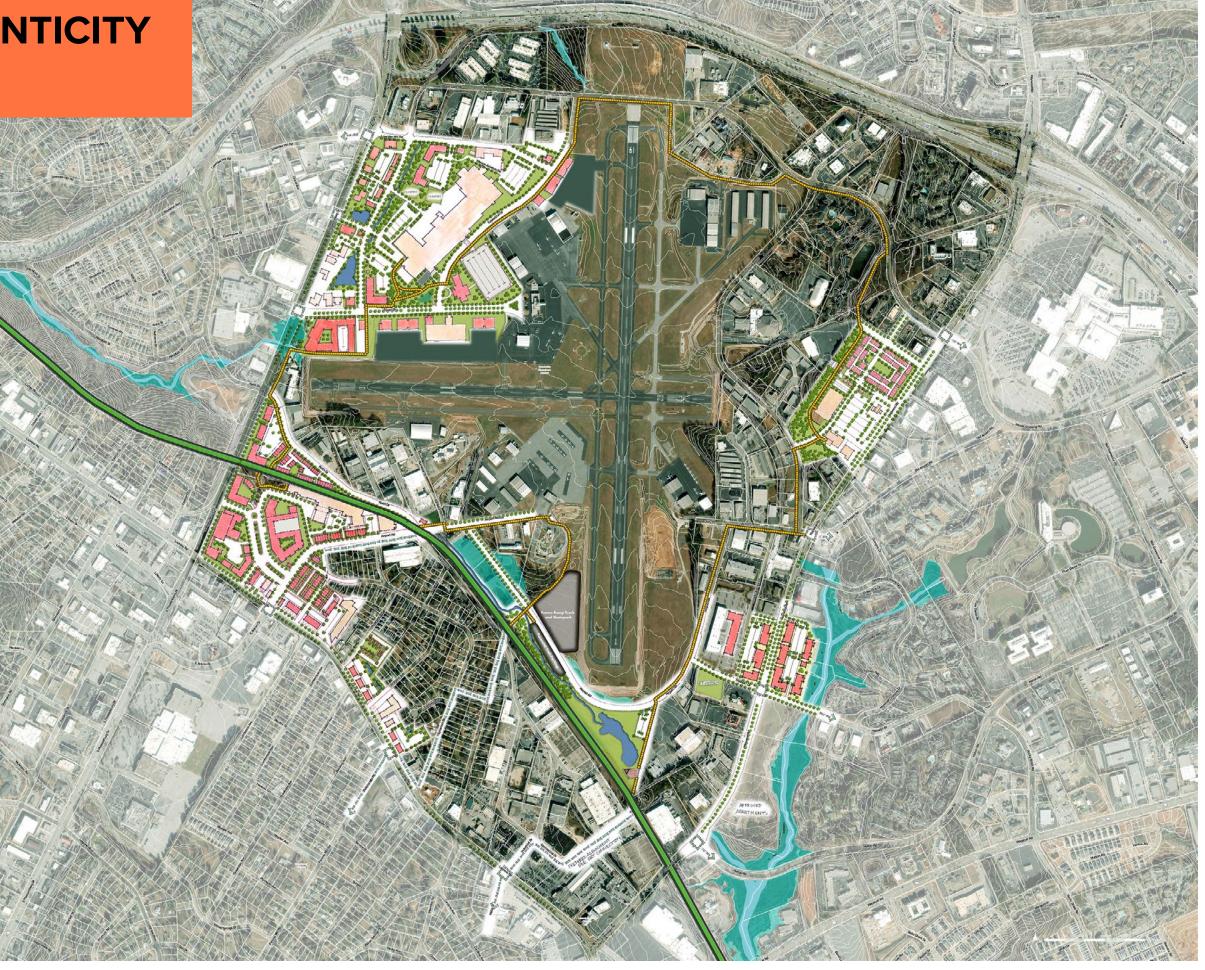


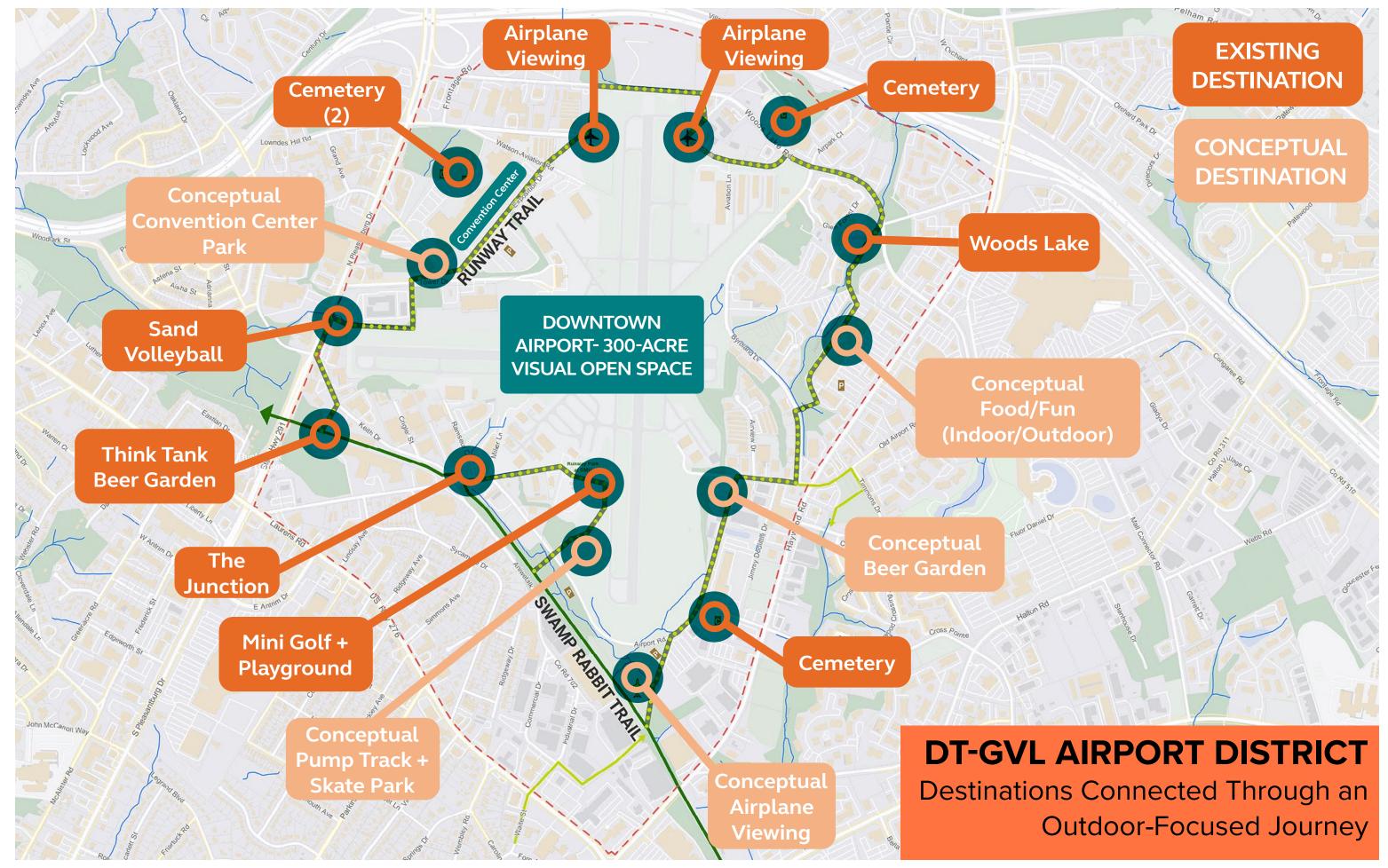


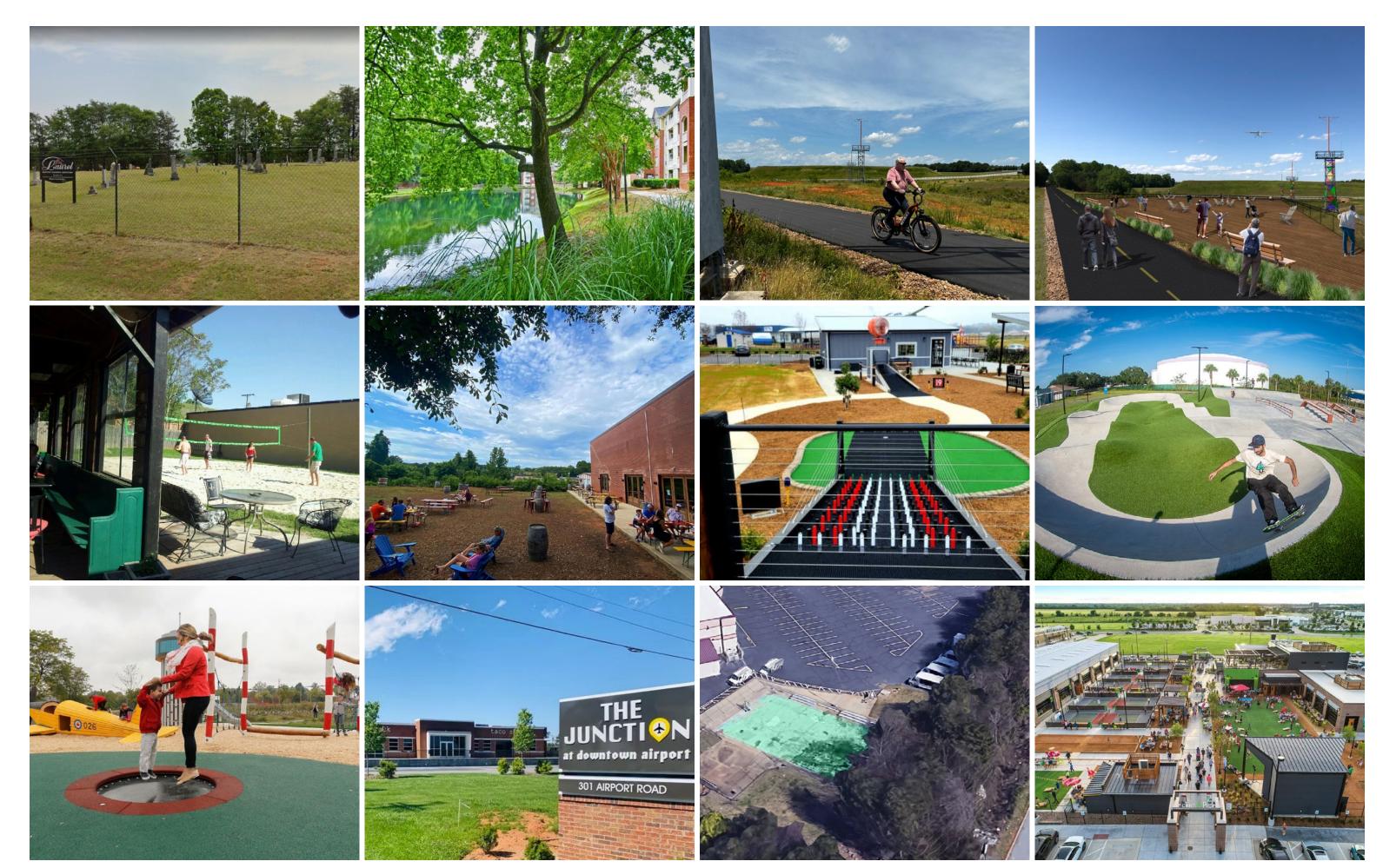
THIS IS JUST A QUICK
IDEA. A BRANDING
TEAM WOULD NEED
TO DEVELOP A
CONCEPT FOR PUBLIC
INPUT.



**HEAD IN THE CLOUDS** 







Greenville Airport District Planning Study

# DT-GVL AIRPORT DISTRICT Public Priority Projects

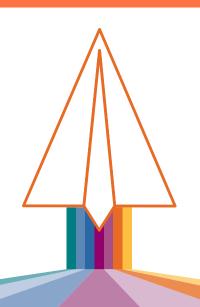


# DT-GVL AIRPORT DISTRICT Public Priority Projects Implementation Matrix

Top Public Priorities	Guiding Principles			Project Goals				Investment Level			Priority			Grant or 3P Eligible	Study/Policy
	Create a place that is a well- connected district	Create a place that is a vibrant destination	Create a place that is a walkable community hub	Balance district mobility for all users	Capitalize on the district's unique assets	Leverage connectivity to create a community identity and market value	Reconfigure district infrastructure to highlight community destinations	Low Investment	Medium Investment	High Investment	Low Priority	Medium Priority	High Priority		The project warrants additional City-sponsored study, including but not limited to feasibility analysis, preliminary engineering, or design packages.
Laurens Road improvements	<b>/</b>	<b>V</b>	<b>V</b>		<b>V</b>	<b>/</b>	<b>V</b>			<b>V</b>		<b>/</b>		<b>✓</b>	$\checkmark$
Pleasantburg Drive improvements	<b>\</b>	<b>V</b>	<b>V</b>		<b>V</b>					<b>V</b>				$\checkmark$	$\checkmark$
Haywood Road improvements	>	<b>V</b>		>						<b>V</b>				$\checkmark$	$\checkmark$
District brand/identity + wayfinding/signage			$\checkmark$												$\checkmark$
Runway Loop Trail		<b>V</b>	$\checkmark$											$\checkmark$	$\checkmark$
Safe neighborhood connectivity to SRT & district amenities			<b>V</b>	>										$\checkmark$	$\checkmark$
Community Park at Convention Center			$\checkmark$						>					$\checkmark$	$\checkmark$
Recreation offerings to include skate park/pump track		<b>V</b>	$\checkmark$											$\checkmark$	$\checkmark$
Airplane viewing platform along SRT		<b>V</b>	$\checkmark$	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>						$\checkmark$	$\checkmark$
Airport Road realignment		<b>V</b>	$\checkmark$	<b>V</b>	<b>V</b>					$\checkmark$				$\checkmark$	$\checkmark$
Eisenhower and Exposition Drive realignments		<b>V</b>	$\checkmark$							$\checkmark$				$\checkmark$	$\checkmark$
Shared Parking Deck at Convention Center	$\checkmark$	<b>V</b>	<b>V</b>	<b>V</b>	<b>V</b>	$\checkmark$	<b>V</b>							<b>✓</b>	$\checkmark$

Note: The public projects are listed in the ranked order received from the public survey.

# **DT-GVL AIRPORT DISTRICT** Funding Mechanisms





# PANEL Q/A

# THANK YOU!