



ELEVATE

TUSCALOOSA

CONNECTIVITY

CONNECTIVITY

A light gray map of Tuscaloosa, Alabama, serves as the background. It shows the city's layout with streets, the Tennessee River flowing through it, and various green spaces. The text is overlaid on this map.

Tuscaloosa National Airport (TCL)

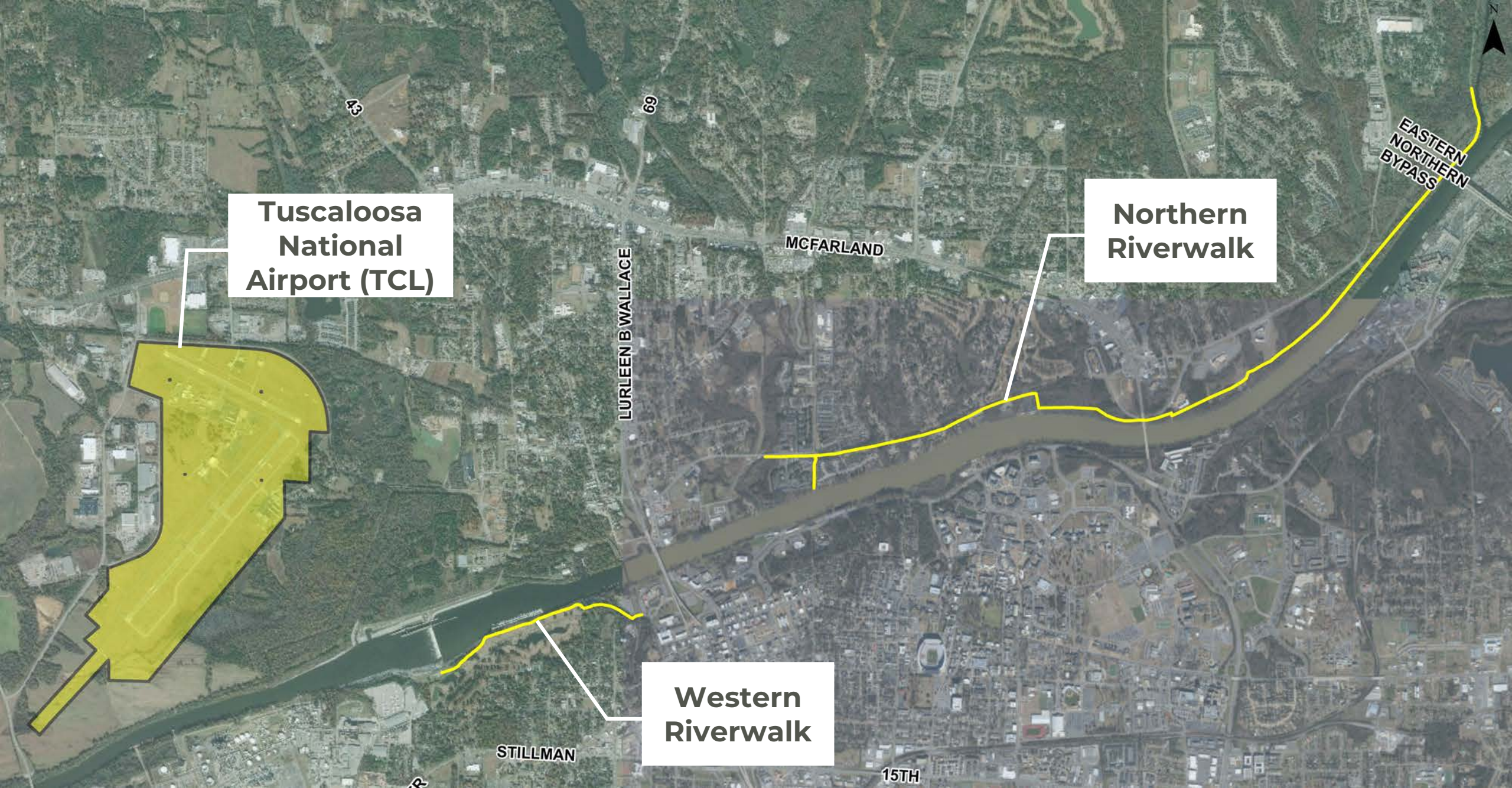
Western Riverwalk

Northern Riverwalk

Downtown, Riverfront and Workforce Transit

Downtown - University Corridor

Project Trinity



**Tuscaloosa
National
Airport (TCL)**

**Northern
Riverwalk**

**Western
Riverwalk**

TUSCALOOSA NATIONAL AIRPORT (TCL)

- Runway Improvements
- Commercial Air Service
- Police Department Hangar
- Terminal

RUNWAY IMPROVEMENTS

- 1) Runway 4-22 (longer runway) has exceeded 20-year design life
- 2) Last resurfaced in 1995 and rejuvenated in 2009
- 3) 2018 Pavement Study decreased allowable weight limits (see table)

Pre-2018 →

2018 →

Maximum Takeoff Weights (MTOW)	
Dual Tandem (DT)	Dual Weight (DW)
200,000 lbs	133,500 lbs
168,000 lbs	87,000 lbs



Existing Runway



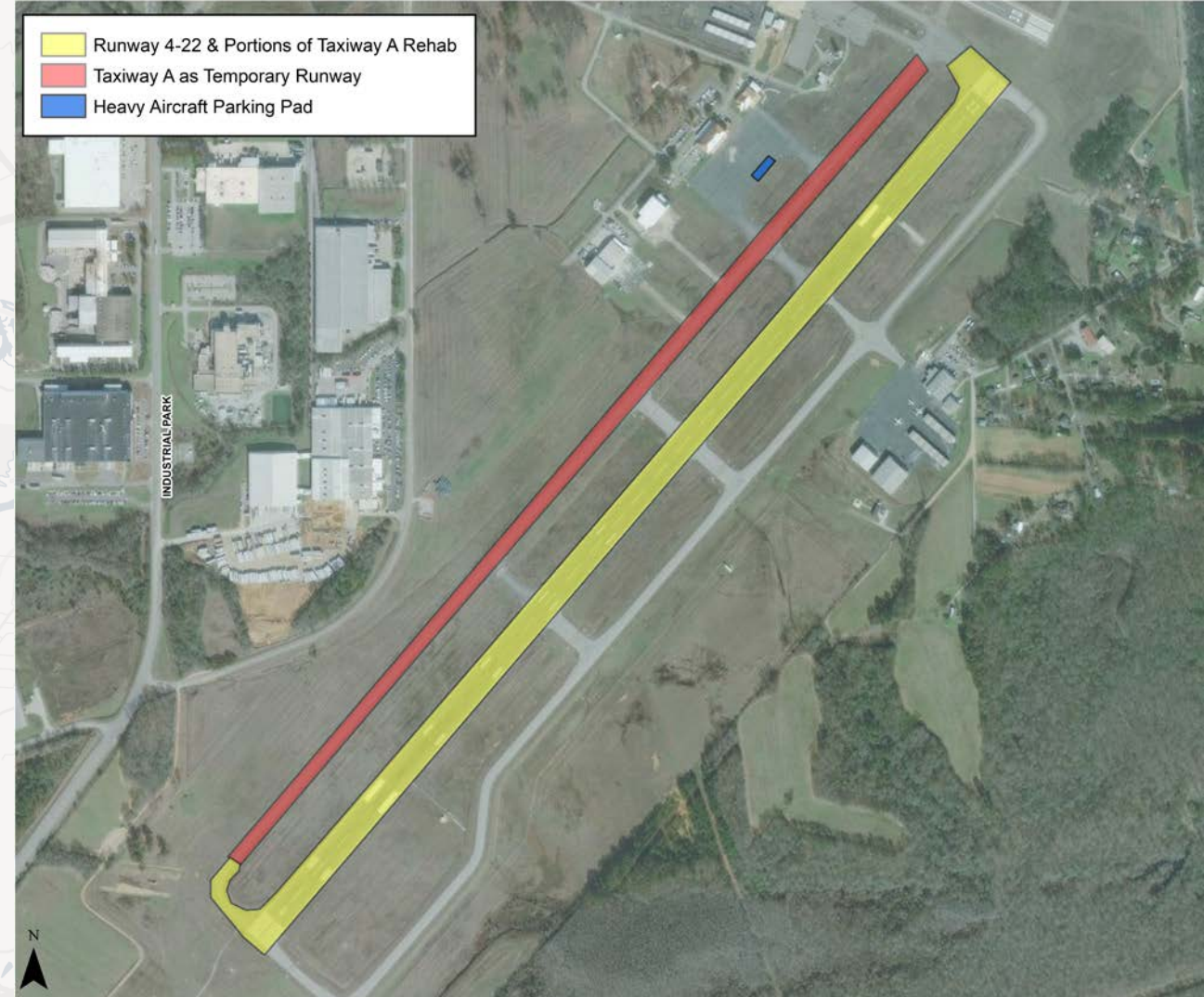
Existing Runway



Existing Runway

RUNWAY IMPROVEMENTS

- 1) Pavement reconstruction
- 2) Runway end identifier lights
- 3) Construct cement parking areas capable of bearing large aircraft



RUNWAY IMPROVEMENTS

- Projected Cost: \$14 million
- Funding Sources:
Elevate Tuscaloosa
Grant opportunities (applied 2018)
Stakeholders
- Timeline:
 - Design 2019-2020 by Atkins North America
 - Construction dependent on grant funding

COMMERCIAL AIR SERVICE

Volaire Aviation Consulting (May 2019):

- Air service business case document
- Revenue forecast and potential minimum revenue guarantee (MRG)
- Small Community Air Service Development Grant (SCASD) Application

COMMERCIAL AIR SERVICE

Small Community Air Service Development Grant

- Applied July 2019 to the USDOT
- Seeking a provider to operate commercial service
- Grant funding requested: \$750,000
- Local private contributions: \$150,000
- City and airport contributions: \$150,000

POLICE DEPARTMENT HANGAR

Helicopter Unit duties:

- 1) Search and rescue
- 2) Traffic control
- 3) General patrol
- 4) Vehicle pursuit assists
- 5) Drug activity intervention
- 6) Support for emergencies



POLICE DEPARTMENT HANGAR

What needs to be done:

- 1) Construct a larger police helicopter hangar at the airport
- 2) Need storage for 6 helicopters
- 3) Need adequate office space

Why existing space does not work:

- 1) Hangar too small; built for 1 helicopter 50 years ago
- 2) Building does not support the hoist for helicopter repairs
- 3) Office space was built for 2 but houses 6 staff today



Existing TPD Hangar - Exterior



Existing TPD Hangar - Exterior



Existing TPD Hangar - Interior



Existing TPD Hangar - Interior



Existing TPD Hangar - Office Space



Existing TPD Hangar - Office Space

POLICE DEPARTMENT HANGAR

- Projected Cost: \$1 million
- Funding Sources:
Elevate Tuscaloosa
- Timeline:
Design 2019-2020 by Atkins North America
Construction complete by Fall 2020

TERMINAL

Current facility was designed in 1969 and needs a modern appearance and function that addresses:

- 1) ADA compliance
- 2) Life safety updates
- 3) Transportation safety
- 4) Exterior appearance and functional upgrades
- 5) Parking and traffic management improvements



TCL Existing Terminal – Exterior South Side (Plane Arrival Appearance)



TCL Existing Terminal and North Parking Lot (Arrivals and Departures)



TCL Existing Terminal – Northeast Parking Lot



TCL Existing Terminal – Northwest Parking Lot



TCL Existing Arrival and Departure Canopy



TCL Existing Terminal - Interior



TCL Existing Terminal - Interior



TCL Existing Terminal – Waiting Area



TCL Existing Terminal – Restrooms



TCL Existing Terminal - Interior



TCL Existing Terminal - Interior



TCL Existing Terminal - Interior

TERMINAL

Examples from other airports



ORF – Gate to Baggage Claim Experience



Gate Area Experience



Restroom Experience



Passenger Arrival and Departure Experience



DEN – Gate Experience



BHM – Security Check Experience – 2019 Spring Break - Friday 6:00 AM

TERMINAL

Alabama airports: enplanements (boarding an aircraft)

Source: ACAIS

Calendar Year 2017 Final

11/7/2018

FAA Airports

Revenue Enplanements at All Airports

Rank	RO	ST	Locid	City	Airport Name	S/L	Hub	CY 17 Enplanements	CY 16 Enplanements	% Change
82	SO	AL	BHM	Birmingham	Birmingham-Shuttlesworth International	P	S	1,333,967	1,304,467	2.26%
122	SO	AL	HSV	Huntsville	Huntsville International-Carl T Jones Field	P	S	519,003	527,801	-1.67%
162	SO	AL	MOB	Mobile	Mobile Regional	P	N	288,222	288,209	0.00%
199	SO	AL	MGM	Montgomery	Montgomery Regional (Dannelly Field)	P	N	152,773	173,210	-11.80%
282	SO	AL	DHN	Dothan	Dothan Regional	P	N	47,304	49,411	-4.26%
439	SO	AL	MSL	Muscle Shoals	Northwest Alabama Regional	CS	None	6,490	5,295	22.57%
563	SO	AL	TCL	Tuscaloosa	Tuscaloosa Regional	GA	None	2,388	2,081	14.75%

COMPARISONS – WITHIN ALABAMA

	Tuscaloosa (TCL)	Dothan (DHN)	Mobile (BFM)	Mobile (MOB)	Muscle Shoals (MSL)	Birmingham (BHM)
Population	100,287	65,496	190,265	190,265	53,874	209,880
Metro area population	235,628	145,639	414,079	414,079	147,317	1,151,801
Enplanements	2,388	47,304	947	288,222	6,490	1,333,967
Terminal size (square feet)	20,340	27,000				455,000
Airlines	N/A	Delta	Frontier	Delta American United	Boutique Air	American Delta United Frontier Southwest

COMPARISONS – OUTSIDE ALABAMA

	Tuscaloosa, AL (TCL)	Meridian, MS (MEI)	Columbus, MS (GTR)	Charlottesville, VA (CHO)	Albany, GA (ABY)
Population	100,287	41,148	24,041	48,019*	73,179
Metro area population	235,628	107,449	80,380	229,304	153,009
Enplanements	2,388	23,923	41,632	334,347	37,920
Terminal size (square feet)	20,340	20,915	22,365	60,000	26,000
Airlines	N/A	American	Delta	American Delta United	Delta

*22,000 University of Virginia enrollment



Charlottesville, VA (CHO)



Charlottesville, VA (CHO)



Charlottesville, VA (CHO)



Albany, GA (ABY)



Albany, GA (ABY)



Albany, GA (ABY)



Dothan, AL (DHN)



Dothan, AL (DHN)



Dothan, AL (DHN)



Meridian, MS (MEI)



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Columbus, MS (GTR)



Mobile, AL (BFM)



Mobile, AL (MOB)



Muscle Shoals, AL (MSL)



Birmingham, AL (BHM)

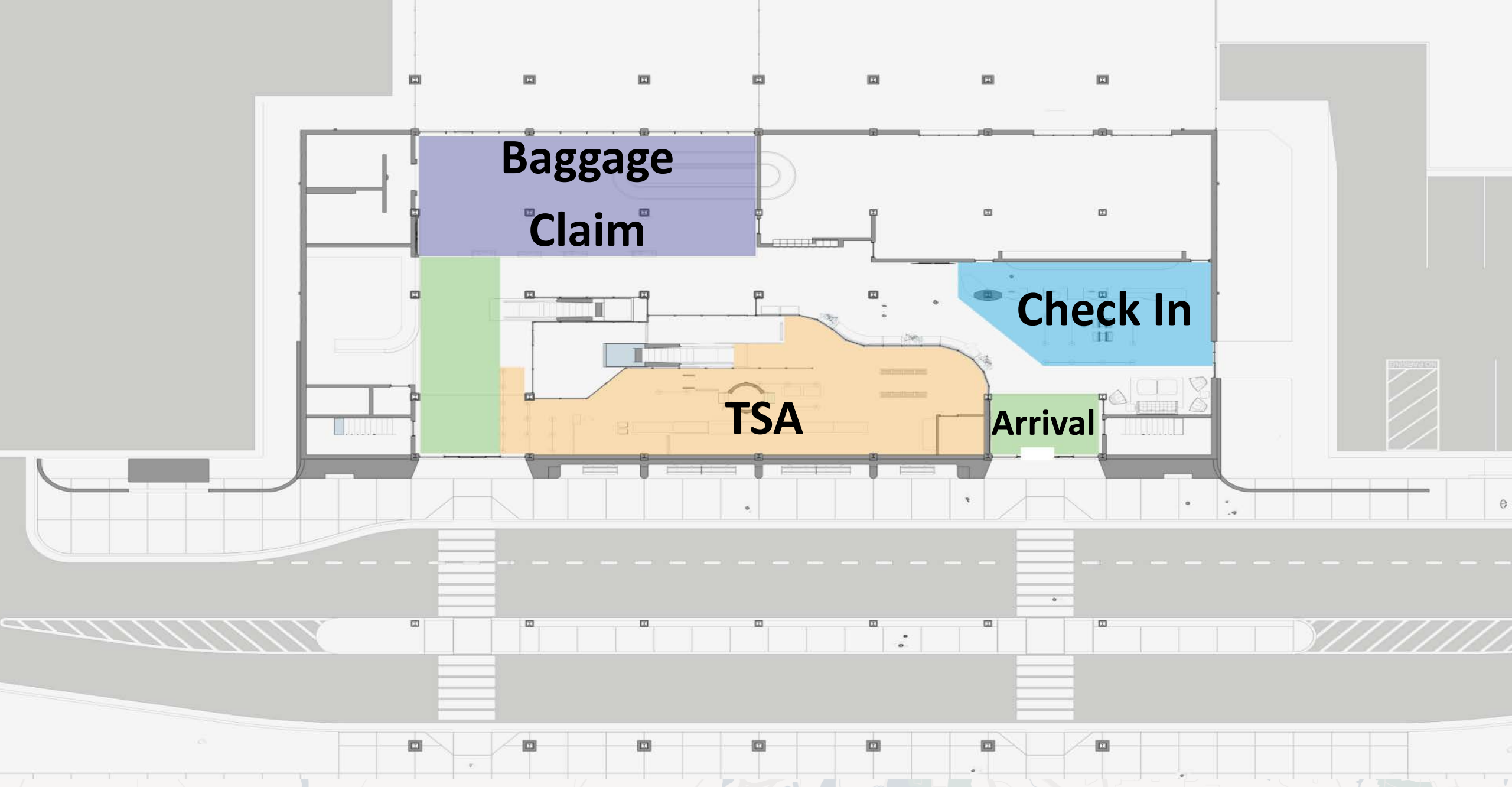
TERMINAL

A background map of a city area, likely Atlanta, Georgia, showing the Chattahoochee River and surrounding urban and suburban areas. The map is rendered in a light, muted color palette with various shades of green, blue, and grey.

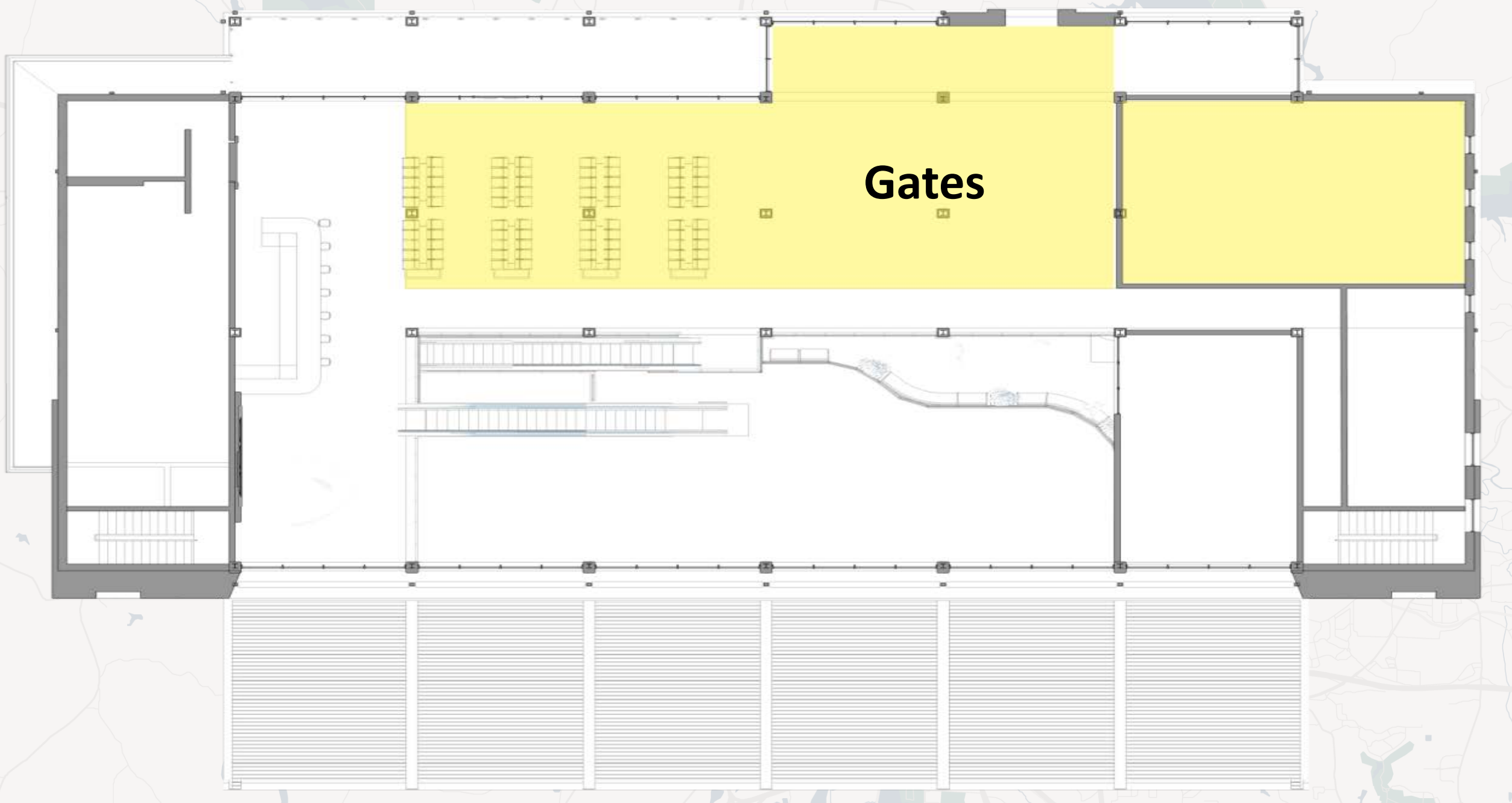
Option 1: Renovation Concept



TCL Existing Terminal Aerial Image



TCL First Floor Plan – Renovation Concept – 11,520 SF



TCL Second Floor Plan – Renovation Concept – 8,820 SF



TCL – Renovation Concept



TCL – Renovation Concept – Arrival and Departure Vehicular Approach



TCL – Renovation Concept – Pedestrian Entrance from Parking



TCL – Renovation Concept – Entry Hall – Ticketing

TERMINAL

A background map of a city area, likely Savannah, Georgia, showing a river (Savannah River) flowing through the center. The map includes various land use zones, such as green areas for parks or forests, blue areas for water, and grey areas for urban development. The map is overlaid with a grid of streets and highways.

Video Option 1: Renovation Concept

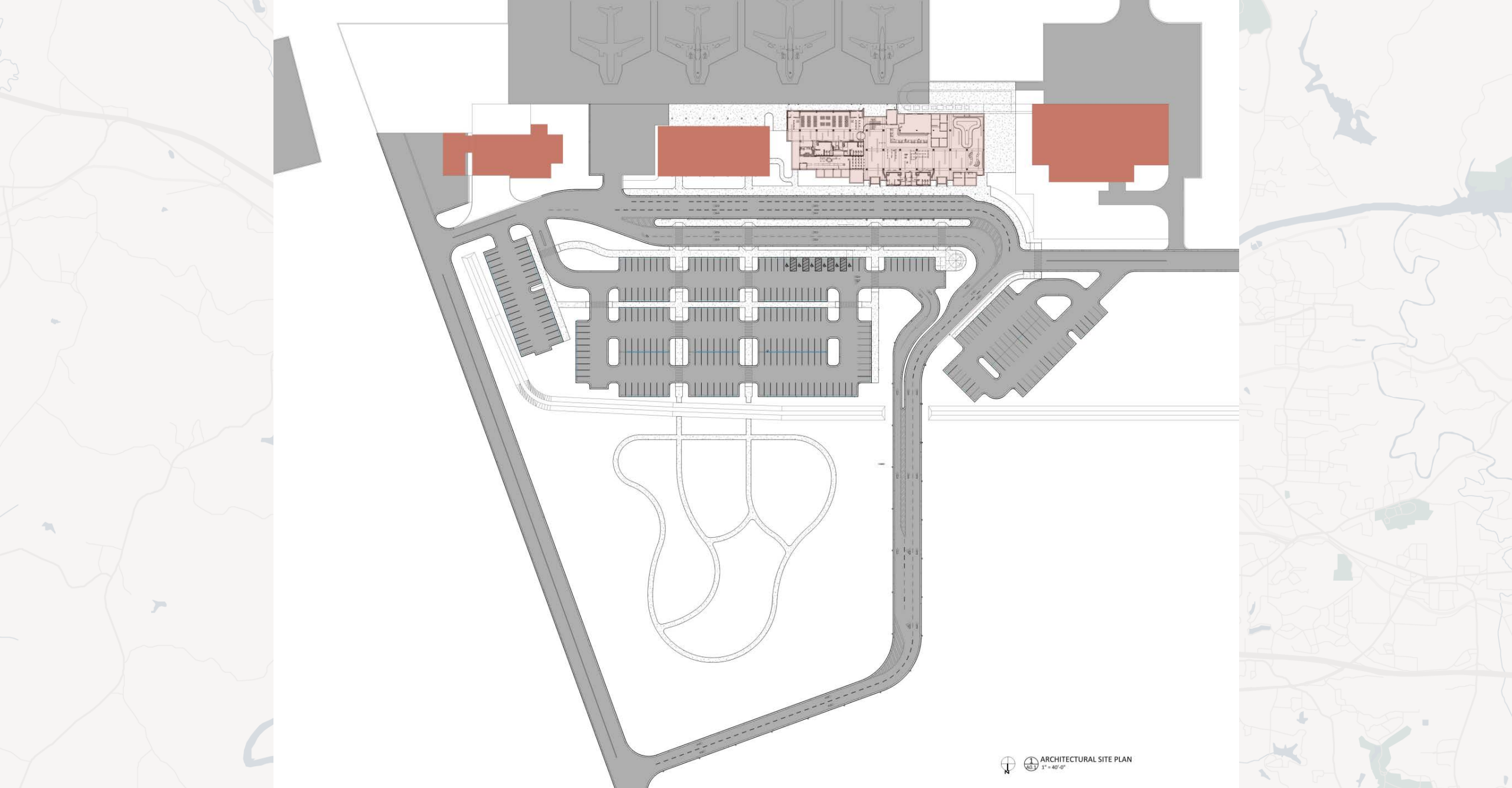
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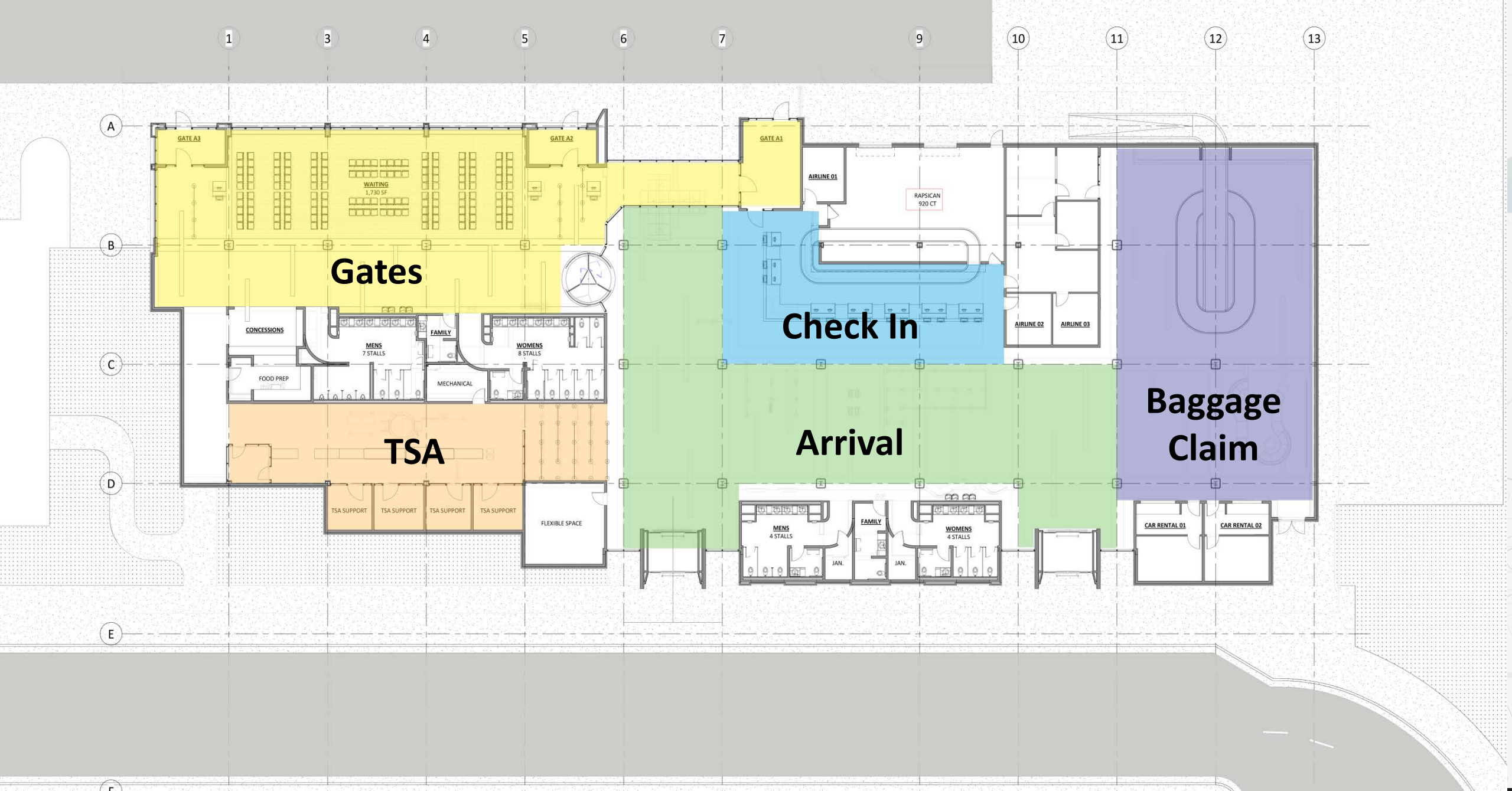
Option 2: New Construction Concept



TCL Existing Terminal Aerial Image



TCL – New Construction Concept – Overall Site Plan – Traffic Analysis



TCL – New Construction Concept Floor Plan



TCL – New Construction Concept – Terminal

TERMINAL

Video Option 2: New Construction Concept



TCL – New Construction Concept – Pedestrian Entrance into Terminal



TCL – New Construction Concept – Entry Hall Experience



TCL – New Construction Concept – Baggage Claim and Departure Experience



TCL – New Construction Concept – Plane Arrival – Gates A1 / A2 / A3



TCL – New Construction Concept – Arrival and Departure Gates

TERMINAL

- Projected Cost: TBD (dependent upon feasibility data)
- Funding Sources:
Elevate Tuscaloosa
Grant Opportunities
- Timeline:
Design 2020 by Ellis Architects

ACTION ITEMS

Tuscaloosa National Airport (TCL)

- 1) Runway
- 2) TPD Hangar
- 3) Terminal options
 - a) Renovation of existing
 - b) New construction

RIVERWALK

Western Riverwalk

- Extending over 1.5 miles from existing Riverwalk at the Tuscaloosa Amphitheater west to the Oliver Lock & Dam

Northern Riverwalk

- Phase I would extend from the Woolsey-Finnell Bridge to the east

WESTERN RIVERWALK

Project Highlights

- Complete Riverwalk on the southern side
- Activate riverfront in West Tuscaloosa
- Leverage public-private partnerships
- Provide opportunities to combine recreation, amenities, art, and history in the design

WESTERN RIVERWALK

Federal Highway Administration Grant Update

- Funding requested: \$400,000
- Application recommended by ADECA in June 2019
- Final award expected by October 2019

WESTERN RIVERWALK

U.S. Army Corps of Engineers (USACE) Property Update

- Congress authorized disposal of portion of the old Oliver Lock and river edge property to City of Tuscaloosa
- USACE initiated the land disposition on 4/16/2019 – the process and review are underway
- Memorandum of Understanding in place for the land disposition and a lease for City to use the Oliver Lock and Dam Park
- City contracted professionals for survey and valuation



Proposed Western Extension (2018 Riverwalk Master Plan Update)

WESTERN RIVERWALK



Video

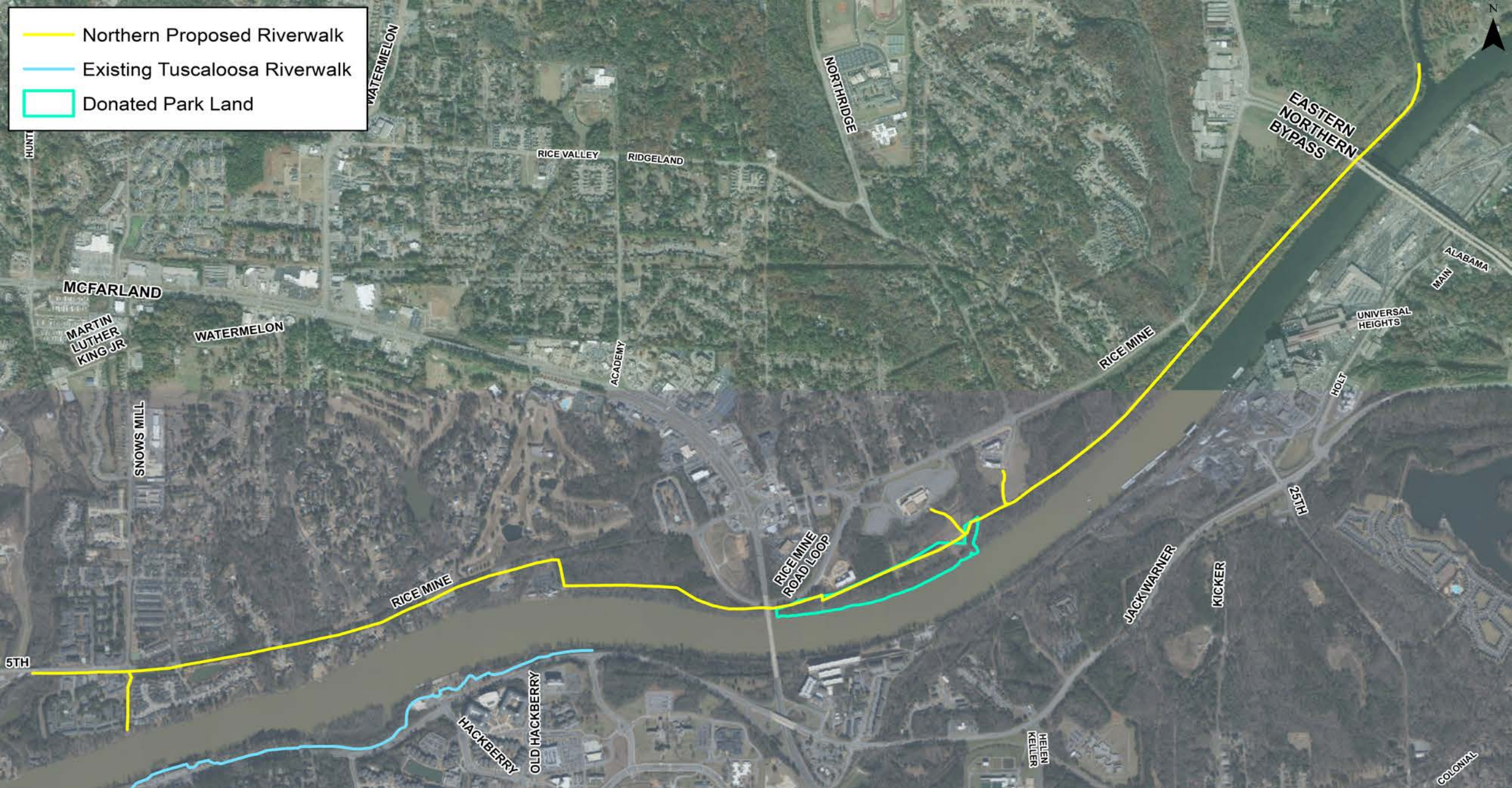
WESTERN RIVERWALK

- Projected Cost: \$5 million
- Funding Sources:
Elevate Tuscaloosa
Grant Opportunities
- Timeline:
Design 2020 by TTL

NORTHERN RIVERWALK

Project Highlights

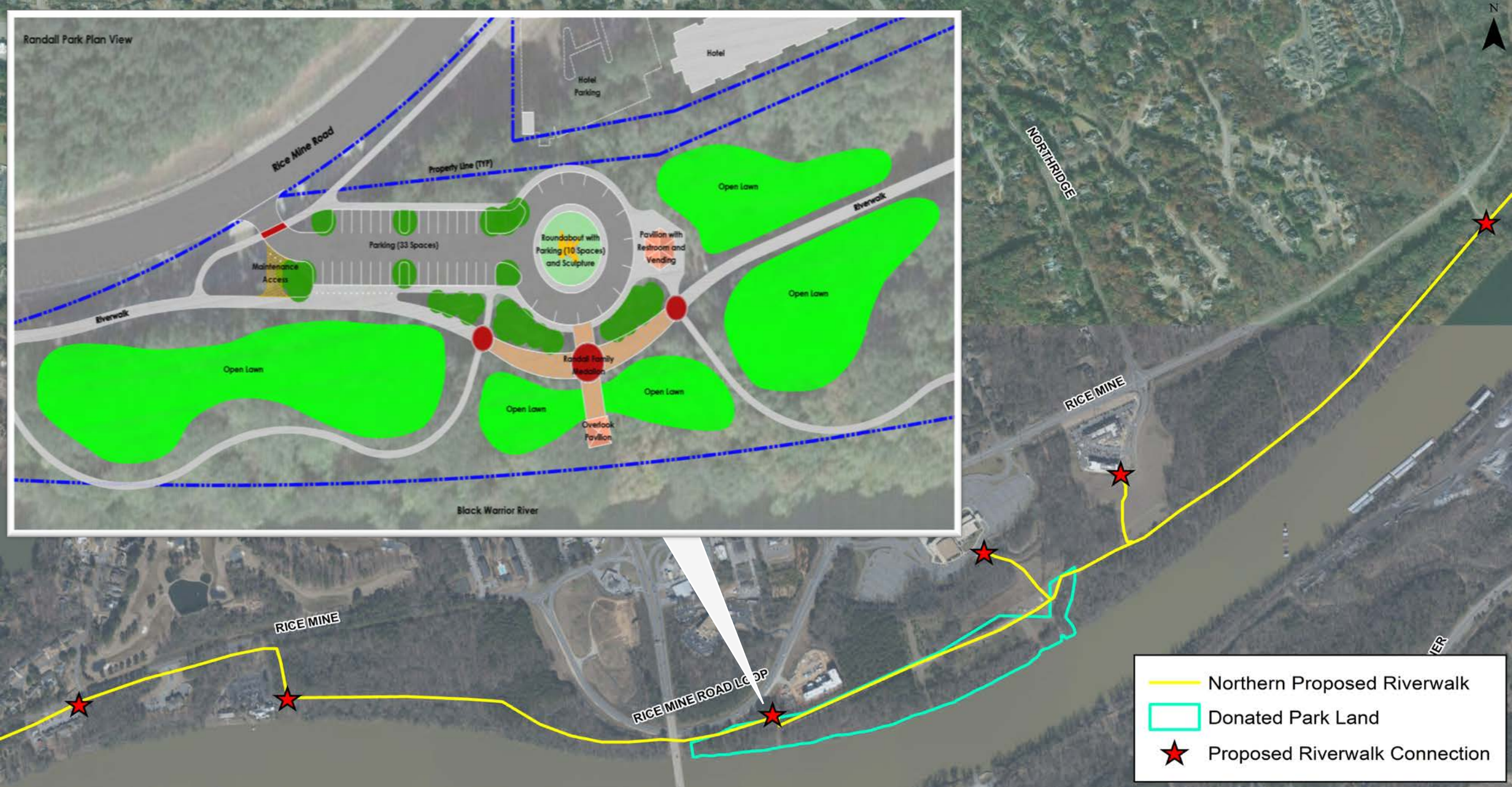
- Start of construction on the northern side
- Donation of Randall property
- Opportunities to link riverwalk to residential areas
- Ability to expand to the west and east in the future



Proposed Northern Riverwalk Phase 1 (2018 Riverwalk Master Plan Update)



Proposed Northern Riverwalk Phase 1 (2018 Riverwalk Master Plan Update)



Proposed Northern Phase 1 (2018 Riverwalk Master Plan Update)



Proposed Northern Riverwalk (2018 Riverwalk Master Plan Update)

NORTHERN RIVERWALK



Video

Tera Tubbs

NORTHERN RIVERWALK

- Projected Cost: \$5 million (Phase 1)
- Funding Sources:
Elevate Tuscaloosa
Grant Opportunities
- Timeline:
Design 2020 by McGiffert and Associates

ACTION ITEMS

Western Riverwalk

- 1) Begin design work

Northern Riverwalk

- 1) Begin design of Randall Park + Trailhead
- 2) Begin design of Phase I

DOWNTOWN, RIVERFRONT, AND WORKFORCE TRANSIT

PARKING AND TRANSIT AUTHORITY (PATA):

Current Stats	Employees	29
	Routes	7
	Number of buses	12
	ADA paratransit vans	8
	Operational hours	5 AM-6 PM Mon-Fri
	Annual ridership	350,000
	Avg ridership per football game day	4,550
	Number of stops	Over 200

PARKING AND TRANSIT AUTHORITY (PATA)

Funding Overview

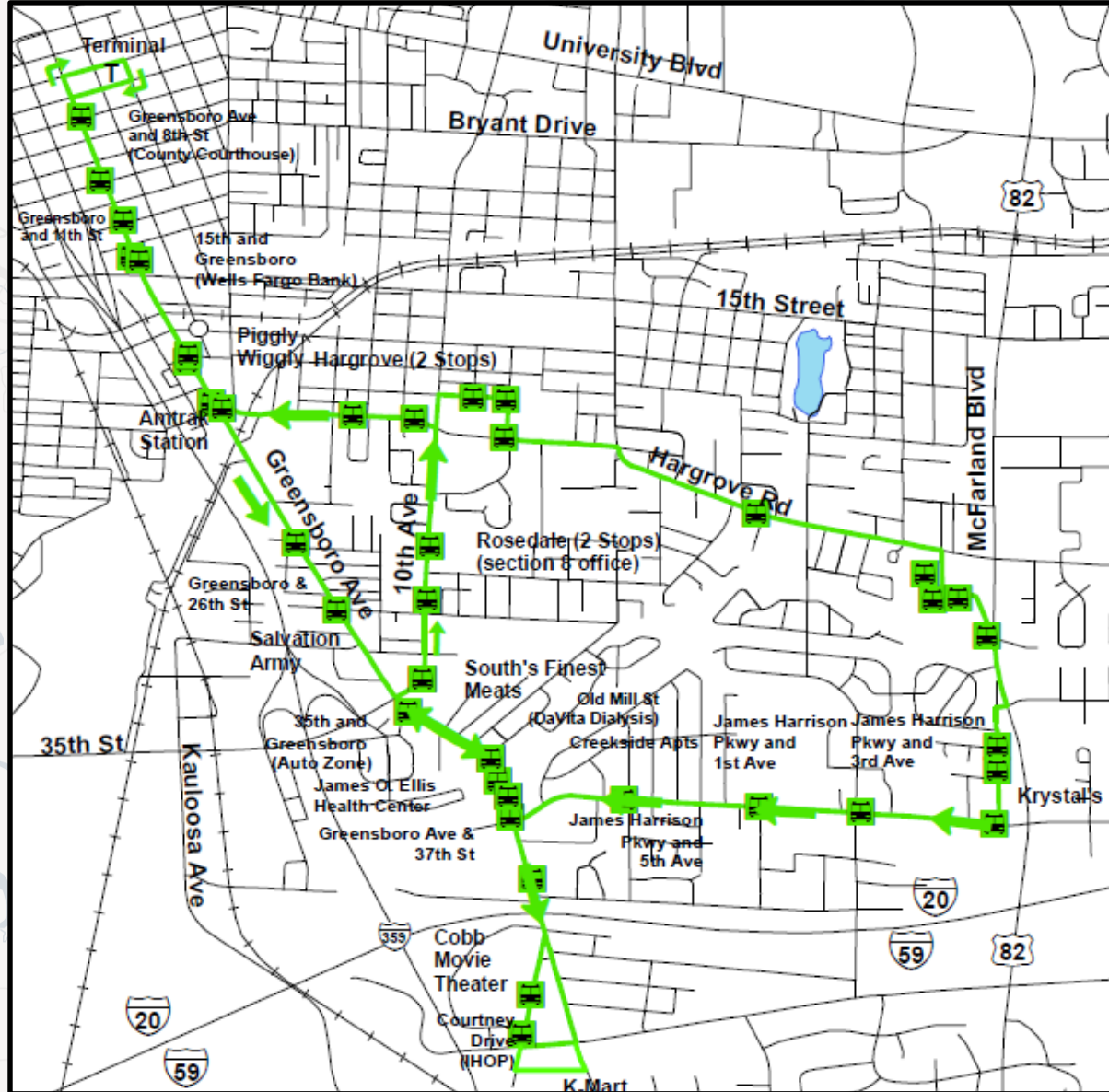
	Federal Grants	PATA Match
Operations	50%	50%
Capital Projects	80%	20%
Revenue Vehicles	85%	15%

Annual budget: \$2.4 million

DOWNTOWN, RIVERFRONT, AND WORKFORCE TRANSIT

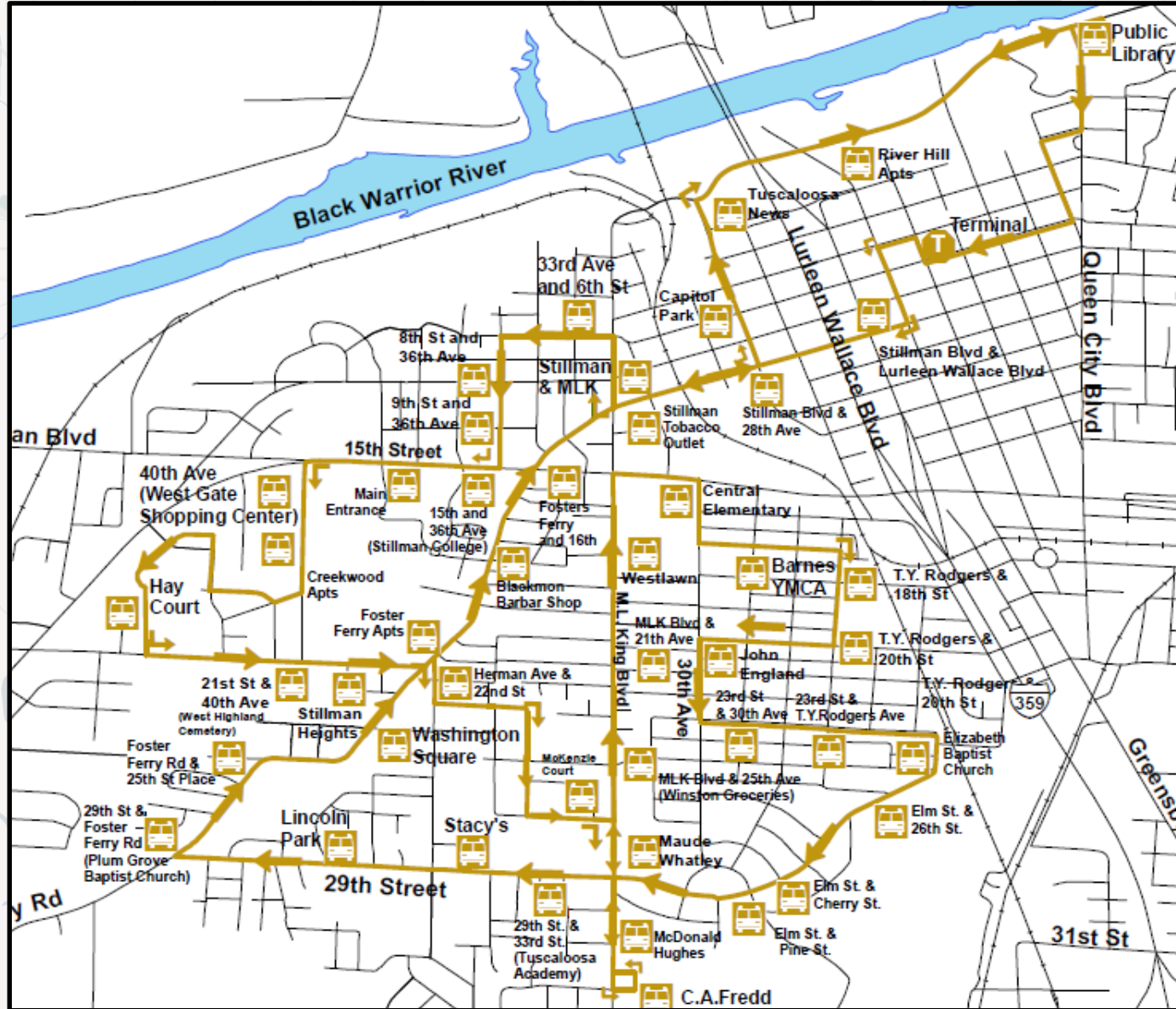
- 1) Expand routes to connect more residents to jobs
- 2) Expand operations to include night and weekend hours
- 3) Provide rapid transit within the downtown-riverfront area

GREENSBORO AVE



Parking and Transit Authority Existing Routes

STILLMAN COLLEGE



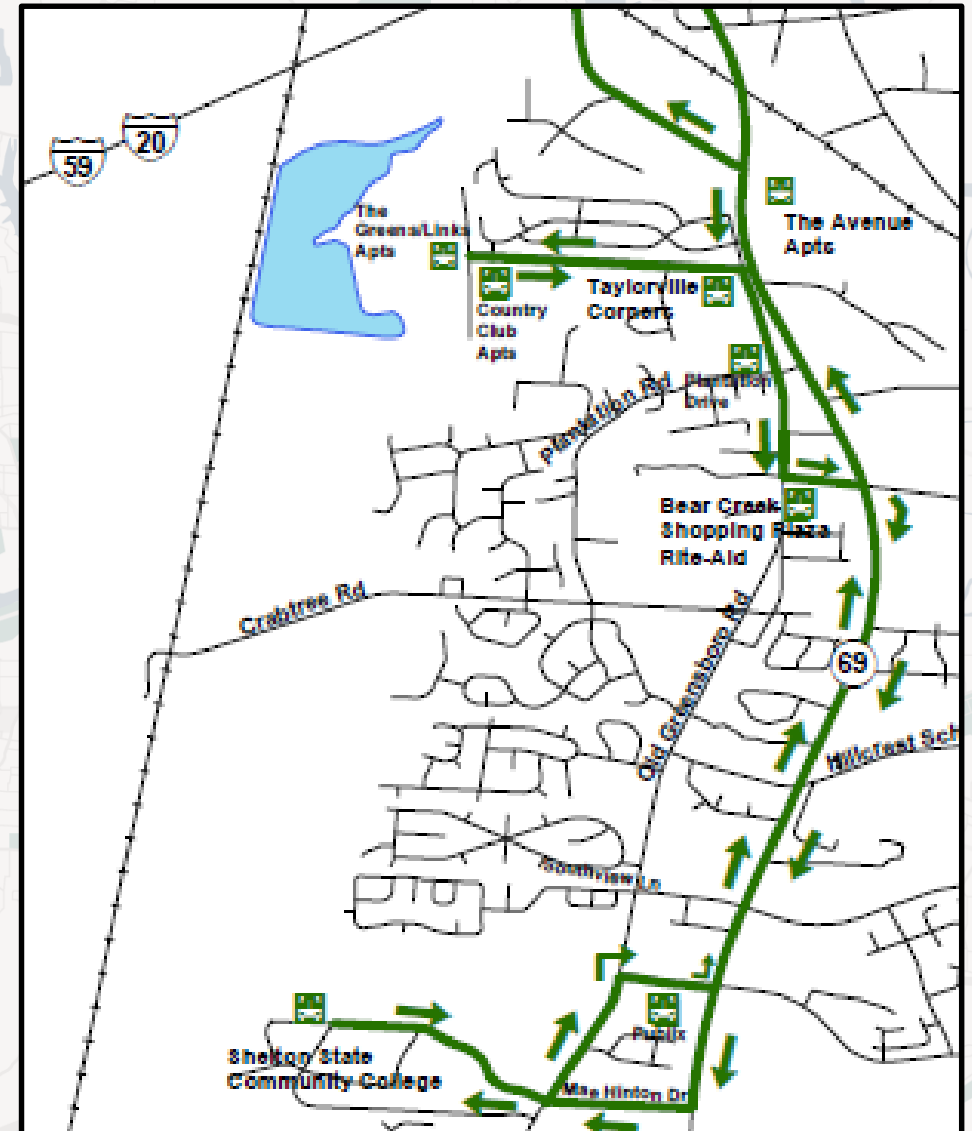
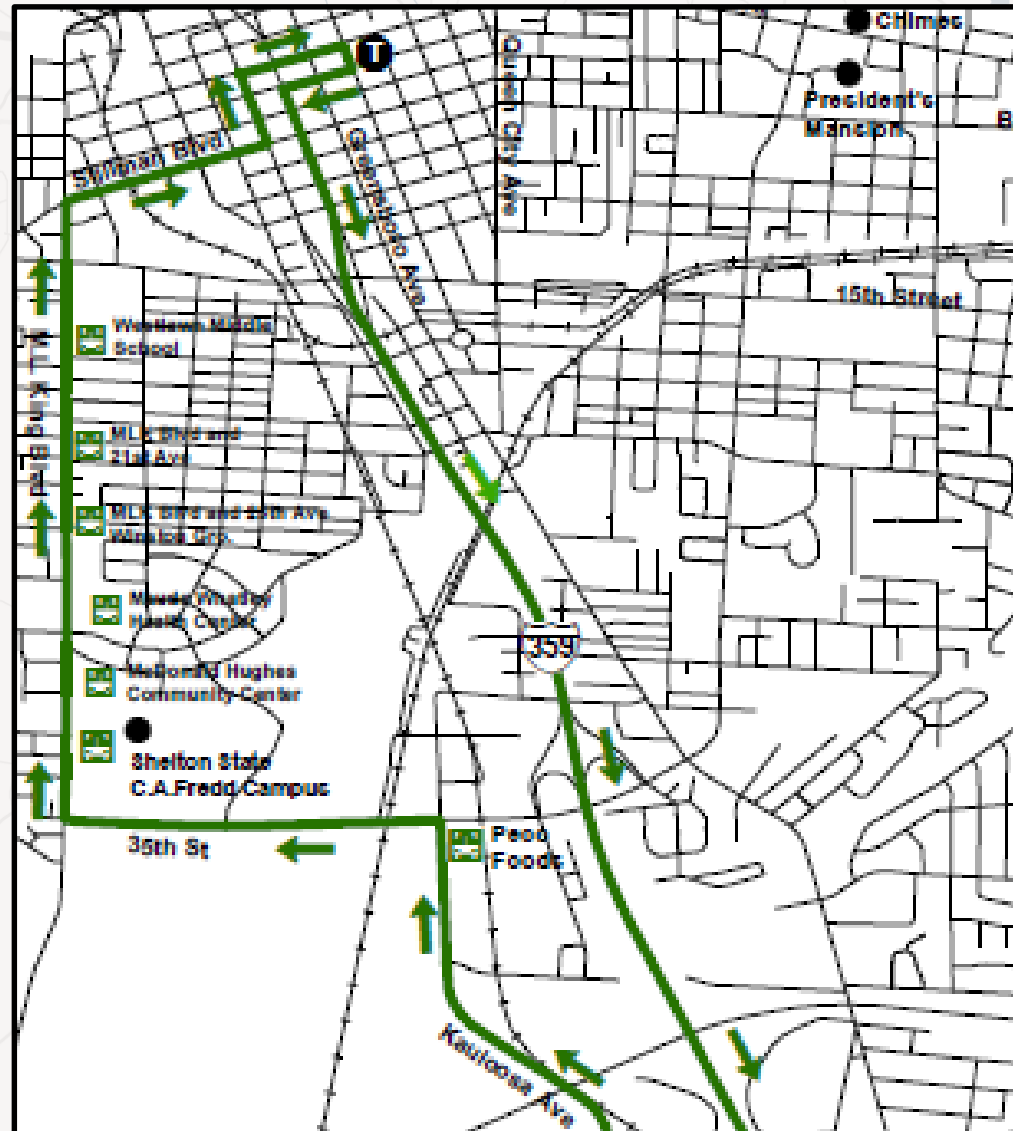
Parking and Transit Authority Existing Routes

The map illustrates the proposed light rail system in Tuscaloosa, Alabama. The route is marked by a thick purple line with arrows indicating the direction of travel. Key features include:

- Major Roads:** US-82, University Blvd, Jack Warner Pkwy, 15th Street, 25th Ave, 6th St NE, 3rd St NE, Crescent Ridge Rd, and University Blvd E.
- Landmarks and Businesses:** Black Warrior River, Hotel Indigo, Embassy Suites, Tuscaloosa Public Library, Manderson Landing, Riverside Medical Plaza, River Road Apts, Jack Warner Pkwy & 25th Ave, 25th Ave & 1st St E, 25th Ave & 4th St E, 25th and University Blvd, Piggly Wiggly (Alberta City), Rite Aid Alberta, Jim Myers Walgreens, Five Points Winn Dixie, Vowles Grocery Dollar General, McDonalds (Five Points), Tuscaloosa One Place, Crescent Ridge Rd Virginia Dr, Crescent Ridge Rd & 1st St E, Holt Elementary, Dollar General, Summer Groceries, and Holt High.
- Light Rail Stations:** Indicated by purple icons along the route, including a station at the airport terminal.

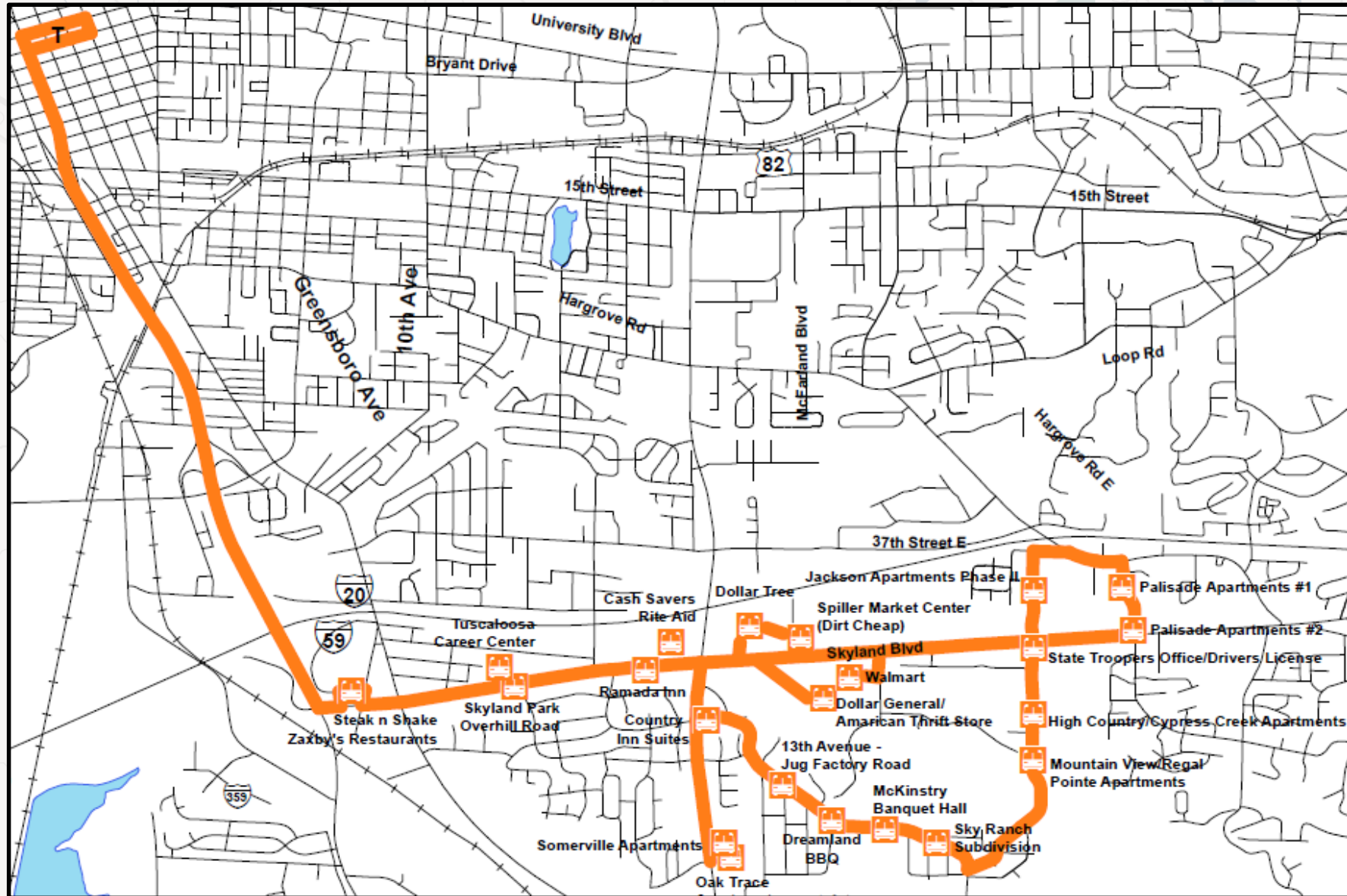
Parking and Transit Authority Existing Routes

SHELTON STATE



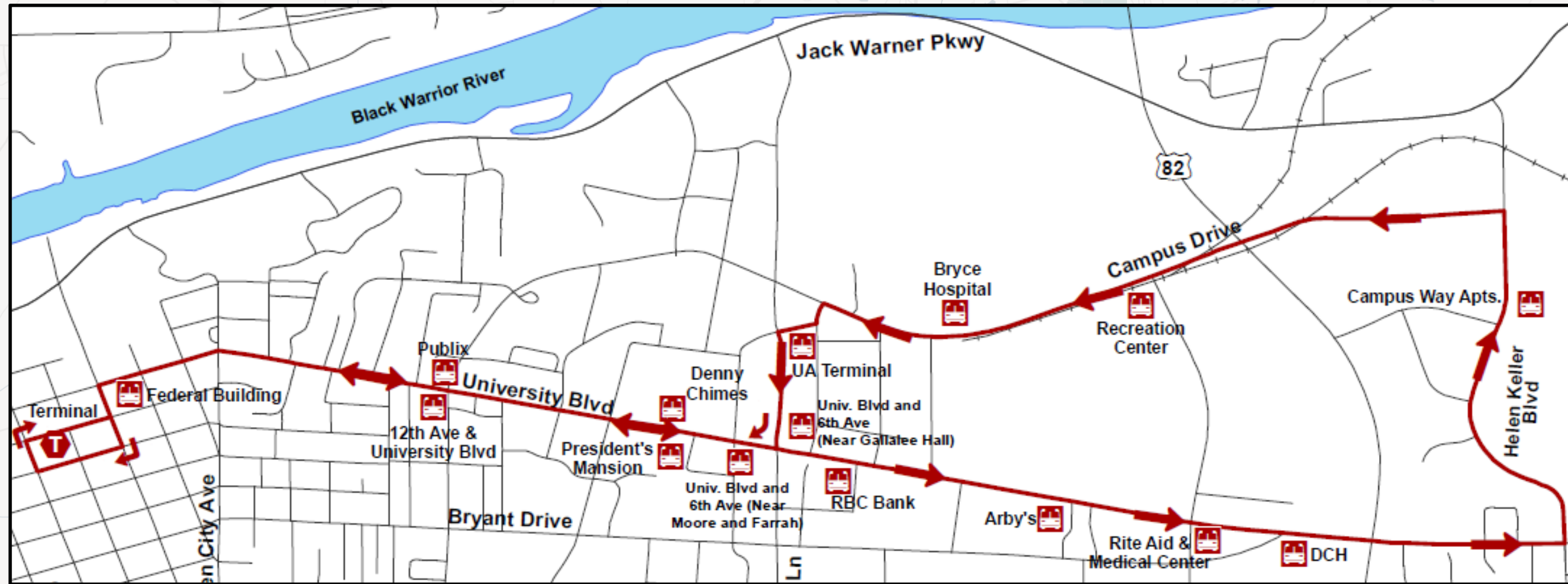
Parking and Transit Authority Existing Routes

SKYLAND BOULEVARD



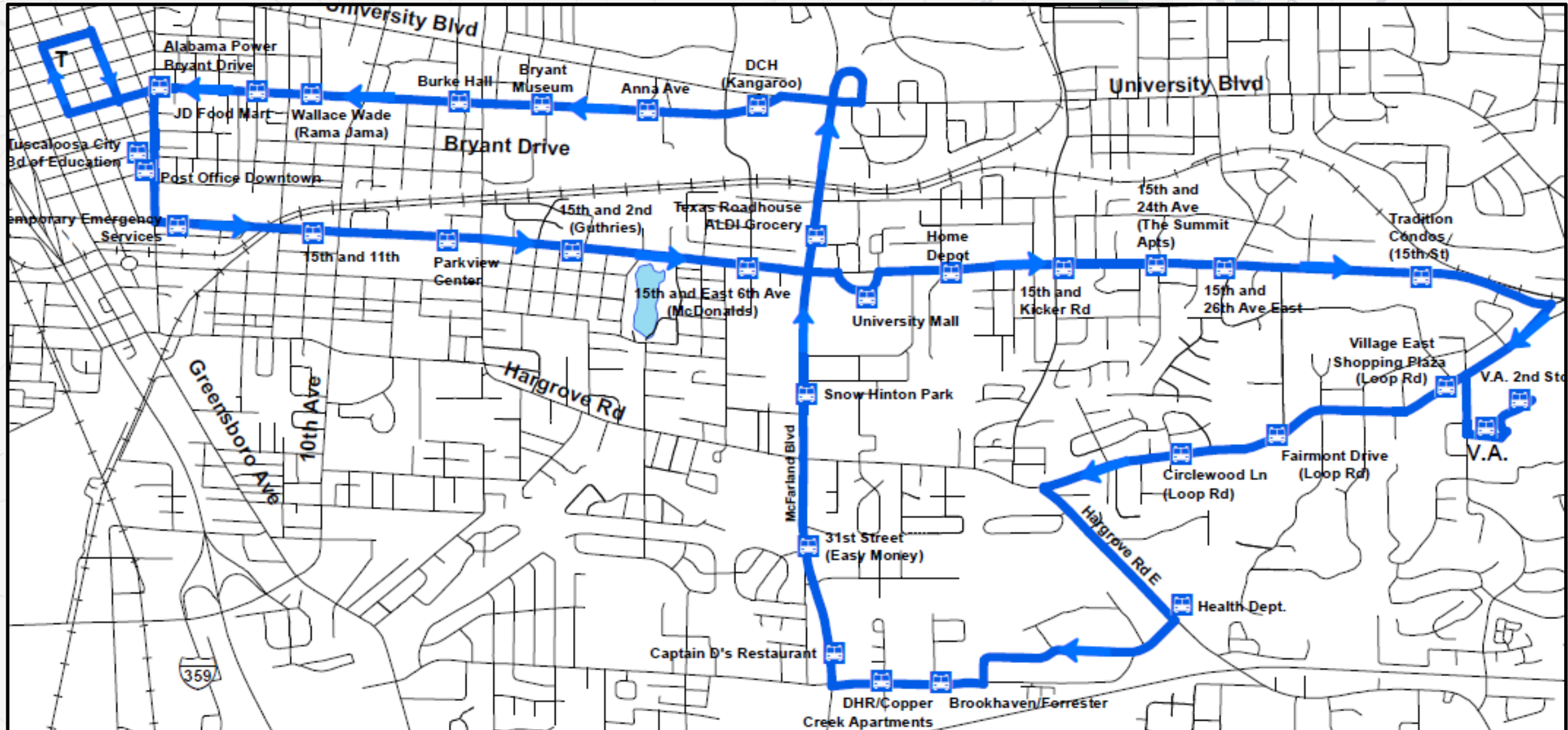
Parking and Transit Authority Existing Routes

UNIVERSITY OF ALABAMA



Parking and Transit Authority Existing Routes

VA HOSPITAL-UNIVERSITY OF ALABAMA



Parking and Transit Authority Existing Routes

TRANSIT STUDY

What is it?

- 1) Professional consultant studies existing transit system
- 2) Consultant provides relevant data
- 3) Recommends operational changes and capital improvements
- 4) Requires 20% match by PATA

Why consider it?

- 1) Tuscaloosa's transit system has not been studied in 20+ years
- 2) Allows for data-driven decision making
- 3) Allows community to provide feedback and input on changes
- 4) Study may be primarily funded with federal or state grants

BRANDING EXAMPLES



Huntsville, AL

Russell Lawrence



Austin, TX

BRANDING EXAMPLES



Boulder, CO



Asheville, NC

DOWNTOWN, RIVERFRONT, AND WORKFORCE TRANSIT

- Projected Investment: \$23 million+ over 10 years
- Funding Sources:
Elevate Tuscaloosa
Grant Opportunities
- Timeline:
Initiate RFP for transit study Fall 2019
Implementation 2021-2022 (17-month lead time on buses)

ACTION ITEMS

Downtown, Riverfront, and Workforce Transit

- 1) Advance transit study
- 2) Recommend 20% funding match for study
- 3) Coordinate with PATA for status updates



Engage at
ElevateTuscaloosa.com