

# C RTPA Board Meeting

Project Update  
Tuesday, May 21, 2024



## TAKE THE SAFE ROUTE

Safe Access to School Study

# Take the Safe Route: *What is it?*



Through the evaluation of existing conditions and recommendations at schools throughout the region, this plan seeks to:

- ✔ Ensure students have safe routes to walk and bike to school
- ✔ Identify schools in the Capital Region with the most need
- ✔ Make recommendations for infrastructure and other improvements for selected schools
- ✔ Encourage a culture of walking and biking
- ✔ Strategically engage teachers and parents
- ✔ Streamline Safe Routes to School (SRTS) funding requests



# Take the Safe Route: *Project Phases*



This project is being initiated in two phases:

## Phase I

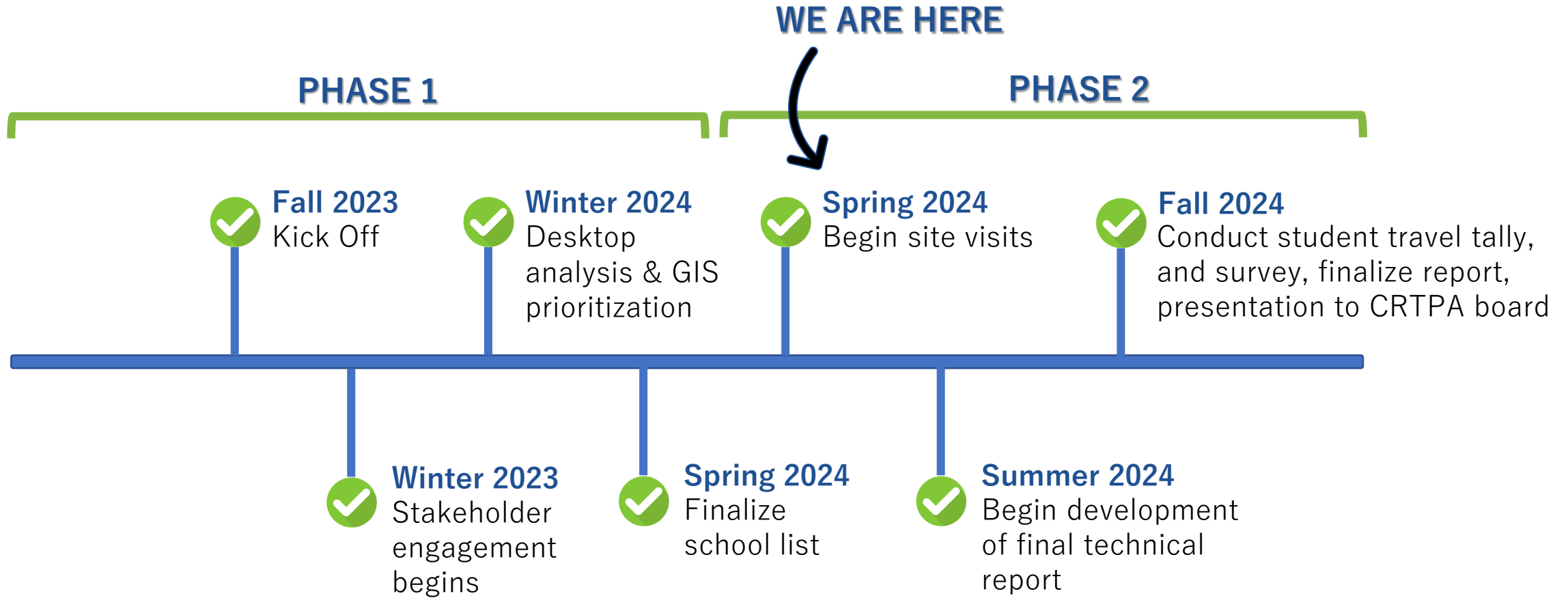
- ✓ Stakeholder meetings
- ✓ Data collection and desktop analysis
- ✓ Prioritization
- ✓ Identification of ten (10) schools for further evaluation

## Phase II

- ✓ Conduct survey and student travel tally at identified schools
- ✓ Conduct multimodal safety assessments at those schools
  - Physical improvements with a focus on roadways, sidewalks, etc.
  - Cost estimates and potential funding sources



# Anticipated Timeline



# What's been completed?



- ✔ Project initiated in November 2023
- ✔ Data collection
- ✔ Prioritization methodology
- ✔ GIS prioritization - February 2024
- ✔ Additional desktop analysis and memo - March 2024
- ✔ Site Visits – May 2024

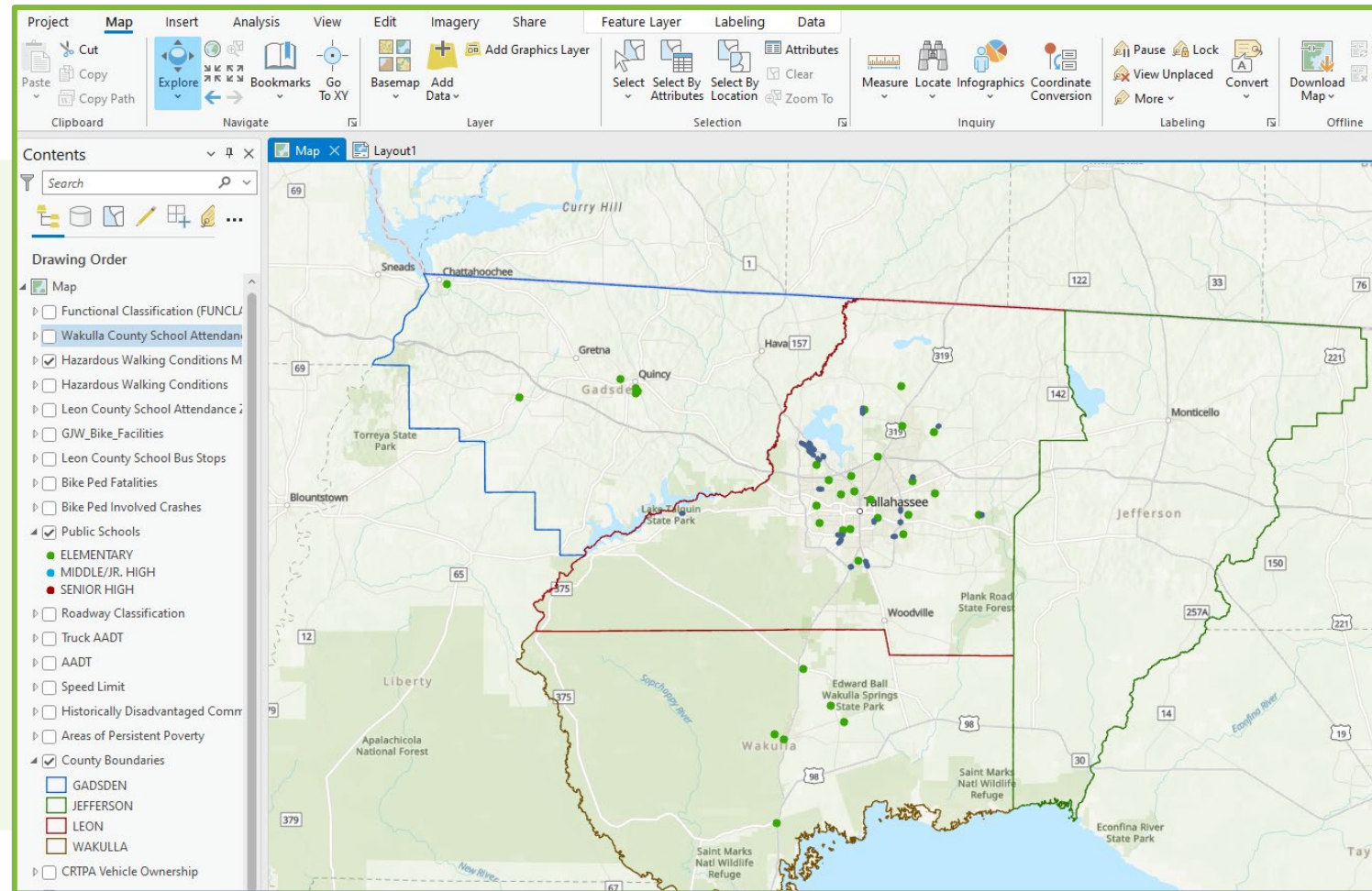


# GIS Analysis & Prioritization



✓ The initial analysis included a GIS based prioritization using:

- School attendance zone
- Hazardous walking conditions (as determined by school districts)
- Bicycle and pedestrian crash data
- Socioeconomic and demographic data
- Transportation data
- Other school related factors such as school hours, crossing guard presence and speed zone boundaries



# GIS Analysis & Prioritization: Methodology



	Criteria	Description	Data Source	Scoring (0-20)
1	<b>USDOT Equitable Transportation Community (ETC) Disadvantaged Census Tract</b>	School attendance zone is within or includes an area designated as disadvantaged by USDOT's ETC data.	USDOT, 2023	1 point
2	<b>Area of Persistent Poverty (APP)</b>	School attendance zone is within or includes an area designated as an APP.	USDOT, 2023	1 point
3	<b>Vehicle ownership</b>	School attendance zone is within or includes a Census block group where greater than 10 percent of households do not own a vehicle.	US Census, 2023	1 point
4	<b>High Injury Network (HIN)</b>	The school attendance zone includes an HIN segment	CRTPA, 2023	1 point
5	<b>Hazardous Walking Conditions (HWC)</b>	The school attendance zone includes an HWC segment	Leon County School District, 2022	1 point
6	<b>Free or reduced cost lunch</b>	Percentage of students at a given school who receive free or reduced cost lunches.	School Districts, 2023	0-3 points per quartile
7	<b>Total bicycle / pedestrian crashes</b>	Total number of bicycle/ pedestrian crashes within school attendance zone.	Signal Four Analytics, 2019-2023	0-3 points per quartile
8	<b>Fatal and serious injury bicycle / pedestrian crashes</b>	Number of bicycle/pedestrian crashes resulting in a fatality or serious injury within school attendance zone.	Signal Four Analytics, 2019-2023	0-3 points per quartile
9	<b>Total fatal and serious injury crashes</b>	Total number of crashes resulting in a fatality or serious injury within school attendance zone.	Signal Four Analytics, 2019-2023	0-3 points per quartile
10	<b>Potential Crossing Conflicts</b>	Number of intersections with major collectors or major arterials in school attendance area. Includes anywhere any road intersections with major collectors or major arterials.	KHA created, 2023	0-3 points per quartile

# Preliminary Lists



## Leon County:

Prioritization	School	Score
1	R. FRANK NIMS MIDDLE SCHOOL	20
2	JOHN G RILEY ELEMENTARY SCHOOL	20
3	AMOS P. GODBY HIGH SCHOOL	19
4	BOND ELEMENTARY SCHOOL	19
5	JAMES RICKARDS HIGH SCHOOL	18
6	RAA MIDDLE SCHOOL	17
7	GRIFFIN MIDDLE SCHOOL	17
8	LEON HIGH SCHOOL	17
9	RUEDIGER ELEMENTARY SCHOOL	16
10	FAIRVIEW MIDDLE SCHOOL	15
11	PINEVIEW ELEMENTARY SCHOOL	15
12	FRANK HARTSFIELD ELEMENTARY SCHOOL	14
13	KATE SULLIVAN ELEMENTARY SCHOOL	14
14	OAK RIDGE ELEMENTARY SCHOOL	14
15	ELIZABETH COBB MIDDLE SCHOOL	13
16	SABAL PALM ELEMENTARY SCHOOL	13
17	APALACHEE ELEMENTARY SCHOOL	13

## Gadsden County:

Prioritization	School	Score
1	JAMES A. SHANKS MIDDLE SCHOOL	17
2	GEORGE W. MUNROE ELEMENTARY SCHOOL	7
3	GADSDEN COUNTY HIGH SCHOOL	7
4	STEWART STREET ELEMENTARY SCHOOL	6
5	WEST GADSDEN MIDDLE SCHOOL	5
6	CHATTAHOOCHEE ELEMENTARY SCHOOL	5
7	GREENSBORO ELEMENTARY SCHOOL	3

## Wakulla County:

Prioritization	School	Score
1	WAKULLA HIGH SCHOOL	7
2	MEDART ELEMENTARY SCHOOL	5
3	WAKULLA MIDDLE SCHOOL	4
4	RIVERSINK ELEMENTARY SCHOOL	3
5	SHADEVILLE ELEMENTARY SCHOOL	2
6	RIVERSPRINGS MIDDLE SCHOOL	2
7	CRAWFORDVILLE ELEMENTARY SCHOOL	1

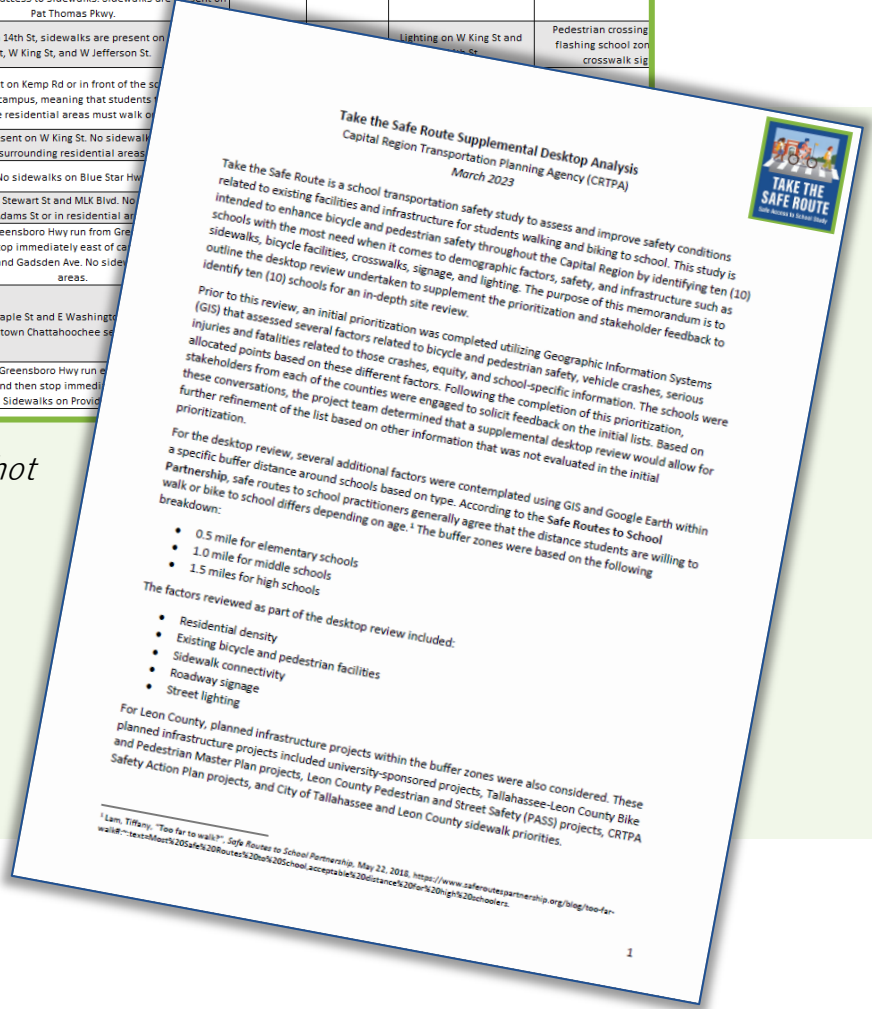


# Additional Desktop Review



A	B	C	F	G	H	I	J	K	L	M
			Percent Residential (%)	Sidewalks in Front of School	Sidewalk Connectivity (Y/N)	Notes	Crosswalks in School Vicinity	Bike Lanes in Front of School	Lighting	Other Amenities
1	CARTER PARRAMORE ACADEMY		21%	Y	N	Sidewalk present on MLK Blvd and S Stewart St. No sidewalk present on Adams St past Clark St, meaning that the residential areas on this road are not located near sidewalks. It seems that about half of the residential neighborhoods surrounding the school have access to sidewalks. Sidewalks are present on Pat Thomas Pkwy.	5	N	Street lighting present on S Stewart St and MLK Blvd	Flashing school speed sign, pedestrian crossing
2	JAMES A. SHANKS MIDDLE SCHOOL		26%	Y	N	No sidewalks on 14th St, sidewalks are present on 15th St, W King St, and W Jefferson St.			Lighting on W King St and W Jefferson St	Pedestrian crossing flashing school zone crosswalk sign
3	HAVANA MAGNET SCHOOL		28%	N	N	Sidewalk present on Kemp Rd or in front of the school directly east of campus, meaning that students walking from the residential areas must walk on Kemp Rd.				
4	GEORGE W. MUNROE ELEMENTARY SCHOOL		21%	Y	N	Sidewalk present on W King St. No sidewalk present on surrounding residential areas.				
5	GADSDEN COUNTY HIGH SCHOOL		1%	N	N	No sidewalks on Blue Star Hwy				
6	STEWART STREET ELEMENTARY SCHOOL		20%	Y	N	Sidewalks on Stewart St and MLK Blvd. No sidewalk present on Adams St or in residential areas.				
7	WEST GADSDEN MIDDLE SCHOOL		18%	Y	N	Sidewalks on Greensboro Hwy run from Greensboro Hwy east and then stop immediately east of Providence Rd and Gadsden Ave. No sidewalks present on these streets.				
8	CHATTAHOOCHEE ELEMENTARY SCHOOL		8%	Y	Y	Sidewalks on Maple St and E Washington St. Sidewalks in downtown Chattahoochee school zone.				
9	GREENSBORO ELEMENTARY SCHOOL		20%	Y	N	Sidewalks on Greensboro Hwy run from downtown and then stop immediately east of downtown. Sidewalks on Providence Rd.				

Gadsden County Desktop Analysis Snapshot



**Additional review was conducted to further evaluate schools using data related to:**

- Residential density
- Existing bicycle and pedestrian facilities
- Sidewalk connectivity
- Signage
- Street lighting



<sup>1</sup> Lam, Tiffany. "Too far to walk?": Safe Routes to School Partnership. May 22, 2018. <https://www.saferroutespartnership.org/blog/too-far-to-walk/>. Accessed 10/20/2023.

# Final Schools List



- ✓ Analysis started with 25 schools from Gadsden, Leon, and Wakulla counties
- ✓ Final list includes 12 schools:

School	County
AMOS P. GODBY HIGH SCHOOL	Leon
JOHN G. RILEY ELEMENTARY SCHOOL	Leon
<b>RAA MIDDLE SCHOOL + RUEDIGER ELEMENTARY SCHOOL</b>	Leon
GRIFFIN MIDDLE SCHOOL	Leon
LEON HIGH SCHOOL	Leon
NIMS MIDDLE SCHOOL	Leon
RICKARDS HIGH SCHOOL	Leon
PINEVIEW ELEMENTARY SCHOOL	Leon
FAIRVIEW ELEMENTARY SCHOOL	Leon
WAKULLA MIDDLE SCHOOL	Wakulla
SHANKS MIDDLE SCHOOL	Gadsden

# Focused Safety Analysis – Site Visits



- ✓ Site visits
- ✓ Identify the needs for infrastructure improvements to accommodate students walking and biking to each school

## Focused on:

- Roadways, sidewalks
- Signage, pavement markings
- Student movement patterns



SPRING – SUMMER 2024

# Focused Safety Analysis – Site Visits

## ✔ Initial observations:

- Opportunity for improved crosswalks/signage at all schools evaluated
- Major safety concerns for students crossing main arterials to get to school
- Presence of school crossing guards is a major benefit



# What's Next? *Final Technical Report*



- ✔ Final prioritized lists of schools in the Capital Region
- ✔ Documentation of school analyses
- ✔ Detail identified improvements and recommendations
- ✔ Planning level cost estimates and opportunities for funding



# What's Next? *Survey and Student Travel Tally*



Coordination with appropriate officials at 12 identified schools



Development of tally and survey to record how children arrive and depart school each day

*Based on National Center for Safe Route to School Data Collection System*

The image shows three overlapping survey forms. The top-left form is the 'Parent Survey About Walking and Biking to School', which asks for school name, child's grade, and travel details. The top-right form is the 'Safe Routes to School Students Arrival and Departure Tally Sheet', which includes fields for school name, grade, date, and a grid for recording arrival and departure counts by mode. The bottom form is the Spanish version, 'Encuesta sobre ir caminando o andando en bicicleta a la escuela', which asks for parent/caregiver information and travel details in Spanish.



# SUMMER – FALL 2024

# Questions or Comments?

