# ACCESSIBLE BUS STOPS USING ADA ASSESSMENT SOFTWARE

Bryan Weinstein, P.E., AI/PE

*BWeinstein@TindaleOliver.com*

GREAT INSIGHTS.
GREATER OUTCOMES.

Tindale Oliver

planning | design | engineering

# OVERVIEW

- ADA Overview
- Study Purpose/Objectives
- Standards
- Data Collection
- Lessons Learned

# WHAT IS THE ADA?

"No entity shall discriminate against an individual with a disability in connection with the provision of transportation service."

-Section 37.5 of

the Americans with Disabilities Act

# STUDY PURPOSE

To improve

**Access, Security, & Operations**

at bus stops and

to develop the ADA required

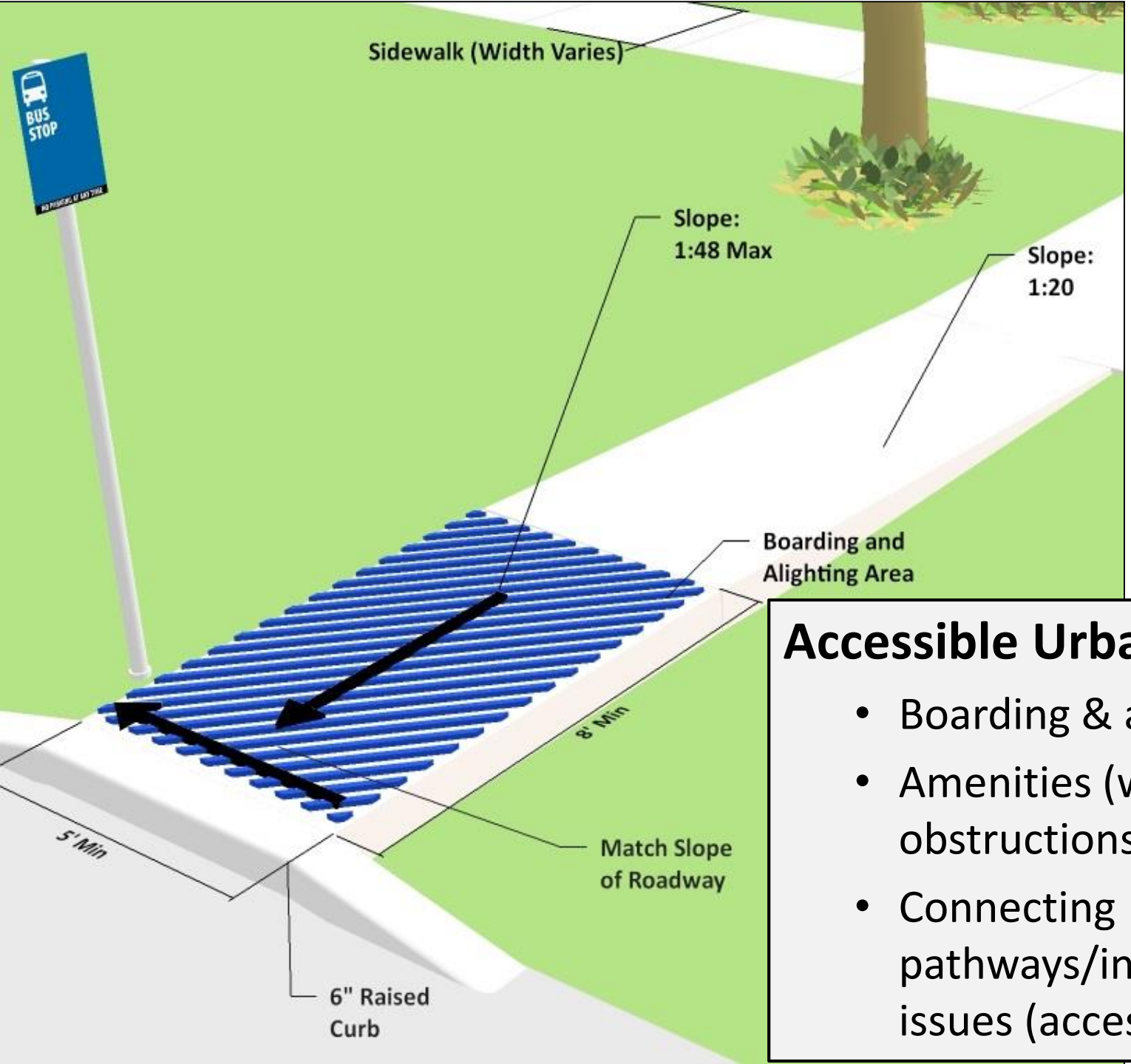
**Self-Assessment and Transition Plan**

# STUDY OBJECTIVES

- Inventory Conditions
- Identify/Prioritize Improvements
  - Accessibility, Security, and Operational
- Develop Phasing Plan
  - Based on anticipated funding

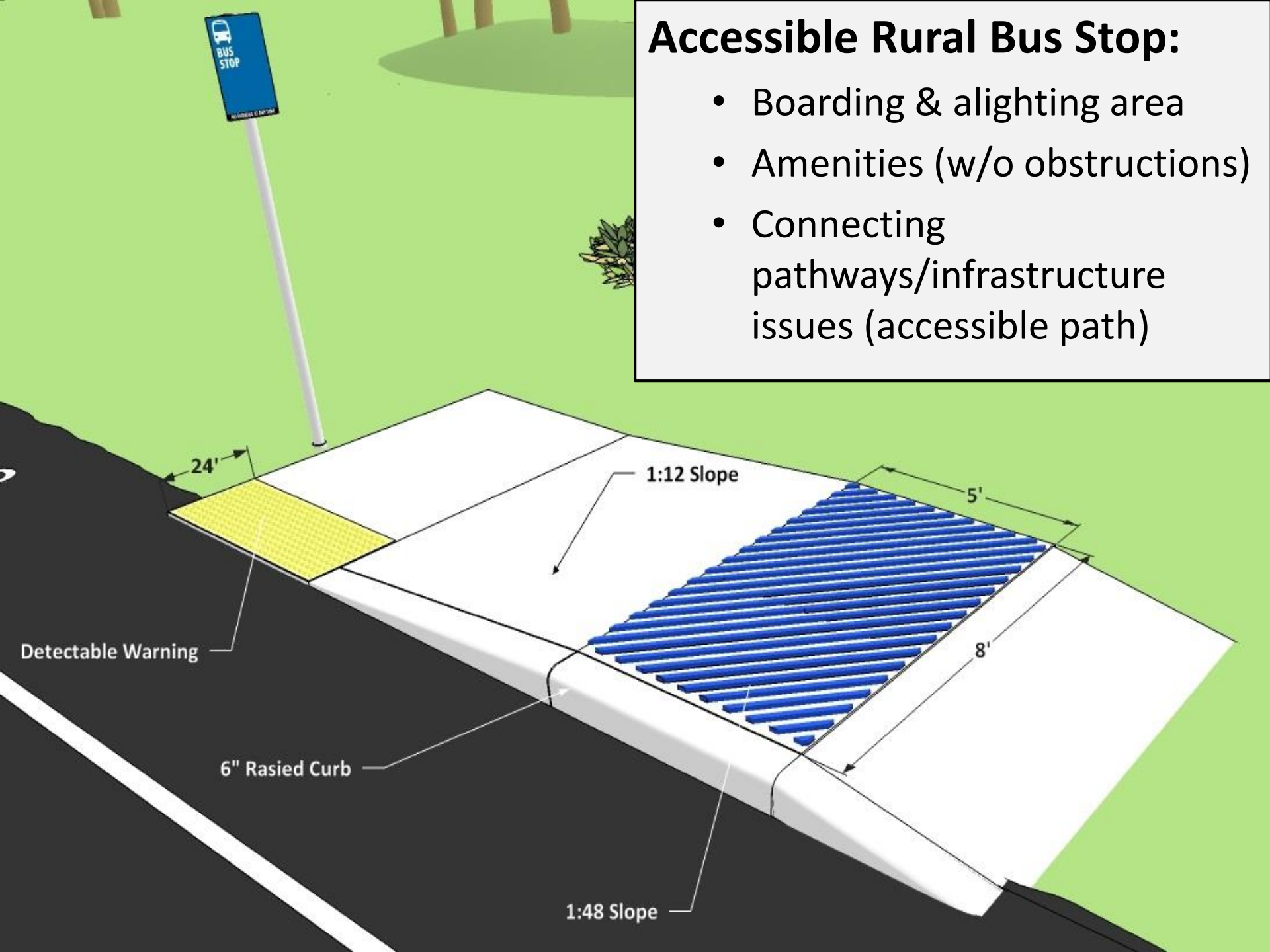
# ACCESSIBILITY ISSUES

COCOA QUALITY TIRE
BUS STOP




## Accessible Urban Stop:

- Boarding & alighting area
- Amenities (w/o obstructions)
- Connecting pathways/infrastructure issues (accessible path)




# Accessible Rural Bus Stop:

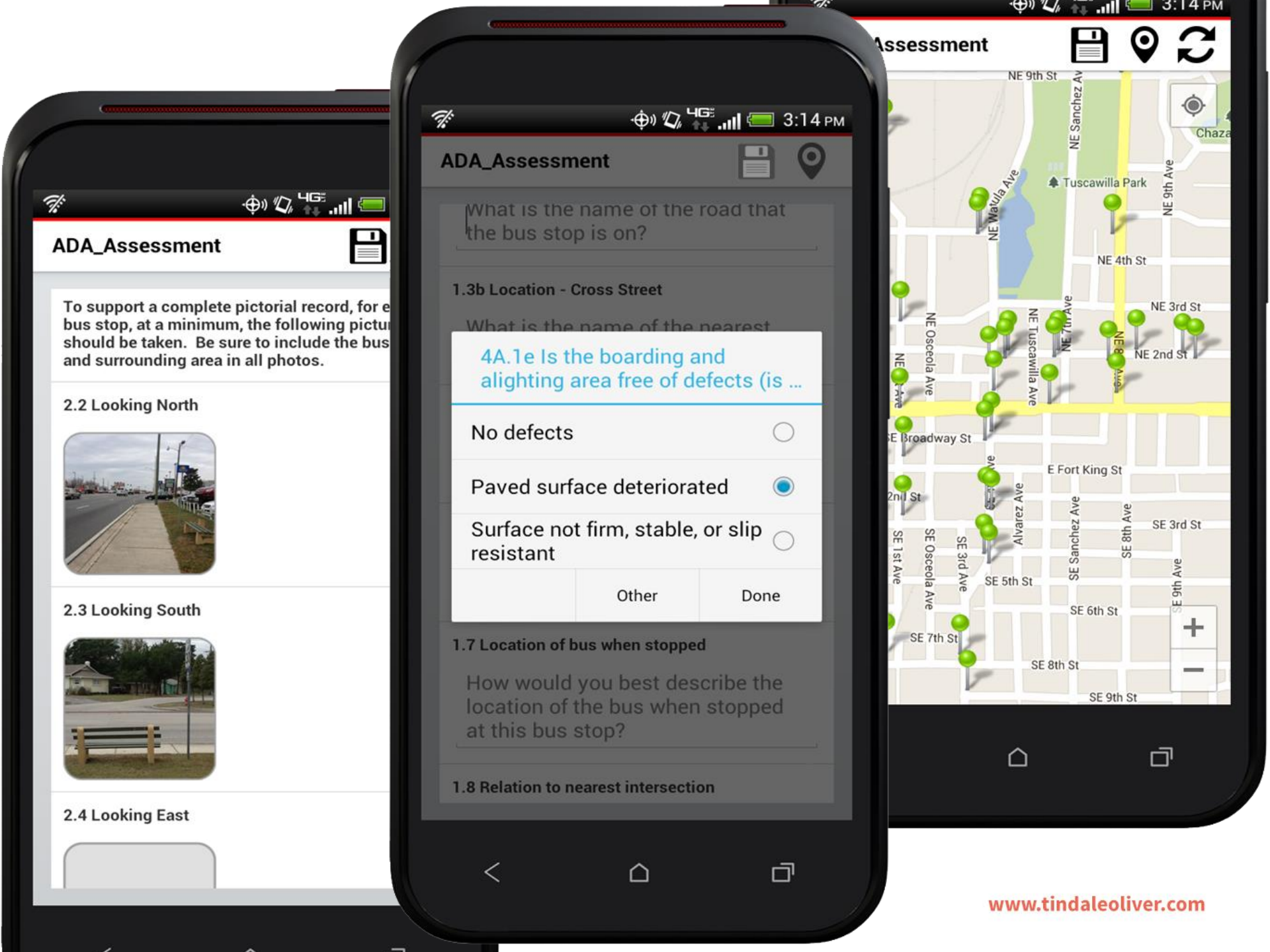
- Boarding & alighting area
- Amenities (w/o obstructions)
- Connecting pathways/infrastructure issues (accessible path)

BUS STOP

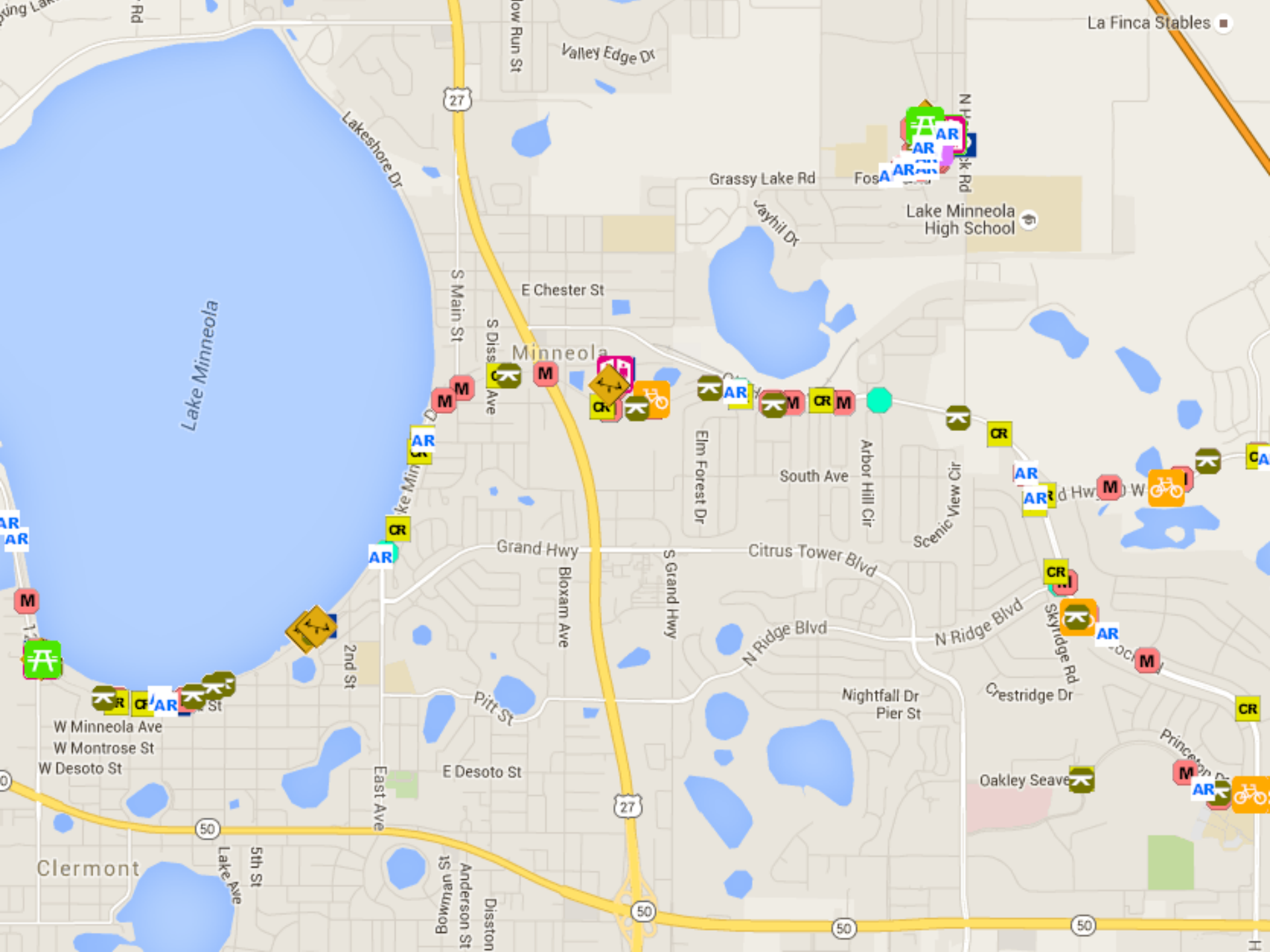
BUS
STOP

# DATA COLLECTION

- Intuitive
- Scalable
  - Size of Project
  - Number/Type of Questions
- Geocode
- Branching Logic
- Minimal Post-Processing




www.tindaleoliver.com


La Finca Stables
Valley Edge Dr
Lakeshore Dr
27
Grassy Lake Rd
Jayhil Dr
Lake Minneola High School
Lake Minneola
E Chester St
S Main St
Minneola
South Ave
Elm Forest Dr
Arbor Hill Cir
Scenic View Cir
Grand Hwy
Citrus Tower Blvd
Bloxam Ave
S Grand Hwy
N Ridge Blvd
Skyridge Rd
Crestridge Dr
Nightfall Dr
Pier St
Pitt St
2nd St
W Minneola Ave
W Montrose St
W Desoto St
E Desoto St
East Ave
Oakley Seaver
Clermont
50
5th St
Lake Ave
Bowman St
Anderson St

# OTHER APPLICATIONS

- ROW
  - Bus Stops
  - Curb Ramps
  - Sidewalks
  - Signage
- Parks & Trails
  - Playgrounds
  - Athletic Fields
- Buildings
  - Residential
  - Commercial
  - Municipal
- Barriers to Accessibility
- Safety Hazards

# LESSONS LEARNED

- In-depth Questions
- Tablet Issues
  - GPS Errors
  - Hardware Malfunctions
  - Battery Life
- Weather

# QUESTIONS

BWeinstein@TindaleOliver.com

813-224-8862