



TOWN OF APEX ADA TRANSITION PLAN

January 25, 2022



OVERVIEW



- Introductions
- Study Purpose/Objectives
- Project Schedule and Status
- Assessment Summary
- Next Steps

INTRODUCTIONS



- **Bryan Weinstein, P.E., AI/PE**, Group Manager of ADA Compliance and Accessibility Services
- Certified ICC **Accessibility Inspector/Plans Examiner** (AI/PE)
- **Registered Professional Engineer** (P.E.)



- **Ines Nizeye, AICP, AI/PE**, Project Manager
- **American Institute of Certified Planners** (AICP)
- Certified ICC **Accessibility Inspector/Plans Examiner** (AI/PE)

BENESCH OVERVIEW



Value Focused.

Community Minded.

Quality Driven.



FIRMWIDE EXPERTISE

- | | | |
|----------------|----------------|-------------------|
| ADA Compliance | Landscape | Site Development |
| Aviation | Architecture | Transit |
| Bridges | Municipal | Value Methodology |
| Buildings | Public Finance | Water |
| Environmental | Railroad | |
| Geotechnical | Roadway | |

ENR

TOP 500 DESIGN FIRMS

#112

Founded

1946



44
Locations

20
States

1
Team

THE PURPOSE OF THE ADA



“No entity shall discriminate against an individual with a disability in connection with the provision of public services.”

-Section 37.5 of the Americans with Disabilities Act



PUBLIC AGENCY REQUIREMENTS



Public Agencies Must:

Make **reasonable modifications** to afford full and equal enjoyment – unless a fundamental alteration.

Provide **reasonable auxiliary aids** to assure full and equal enjoyment – unless an undue burden.

Remove structural and communication barriers – where readily achievable.

Design all **“new construction”** to be readily **accessible** and to protect the path of travel.

STUDY PURPOSE



To improve Access, Safety, & Security
at the Town's Buildings, Parks, and Right-of-Way by
developing an ADA Self-Assessment and Transition Plan



PROJECT OBJECTIVES



- **Inventory barriers to accessibility** at all facilities
- **Identify and prioritize improvements** to address accessibility
- **Produce cost estimates** for improvements
- **Develop phasing plan** to implement improvements
- **Train Town Staff**
- **Obtain input from the public** on next steps

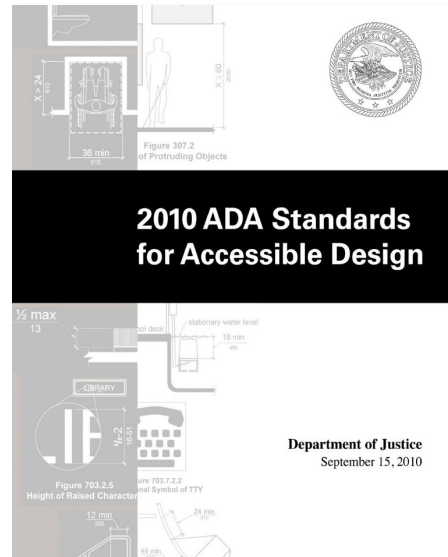
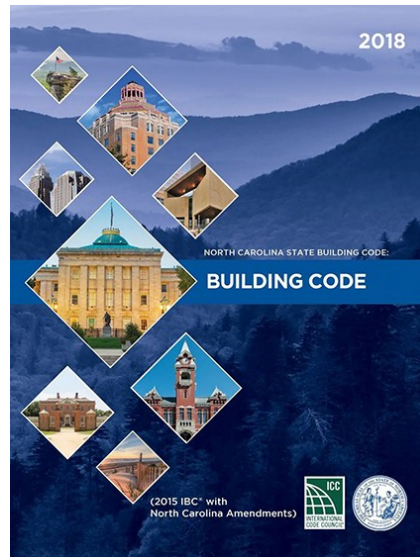
FACILITY ASSESSMENTS




- **Applicable standards**

- 2010 ADA Standards for Accessible Design
 - Chapter 11 - 2018 North Carolina Building Code/International Building Code

- **Accessibility Assessment Reports**






ID:
986

Facility:
Public Works Administration Building

Priority Score 5



Quick Fix: No
Built before ADA: Yes

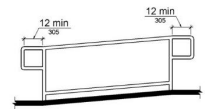
Location: Ramp
Schedule: 2022
Estimated Cost: \$2,000.00




VIOLATIONS

2010 ADA Standards for Accessible Design Codes: \$505.10
 There are no handrail extensions for the ramp.

RECOMMENDATIONS

Extend the ramp handrails 12" horizontally beyond the top and bottom of ramp runs.



TindaleOliver

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EXAMPLE OF ASSESSED ITEMS



- Entrances/Exits
- Accessible Routes
- Restrooms
- Drinking Fountains
- Signage
- Elevators
- Playgrounds
- Parking
- Sidewalks and trails
- Tripping hazards
- Protruding objects

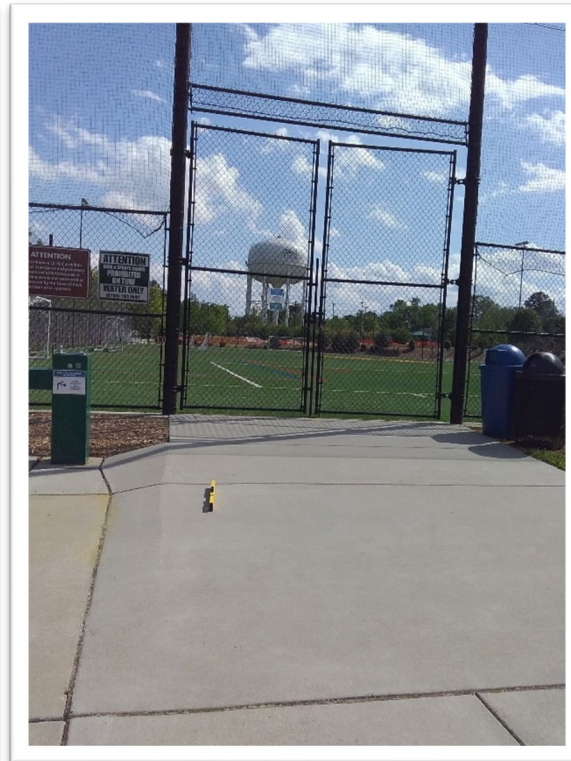
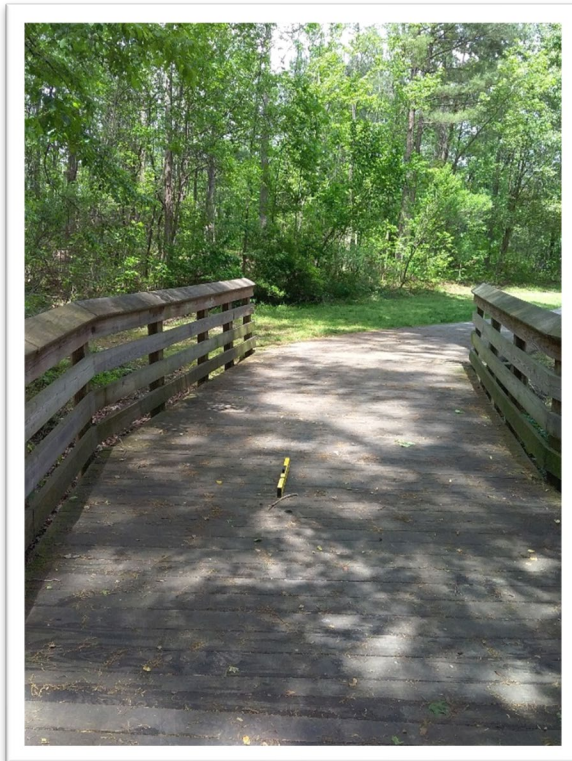


COMMON VIOLATIONS



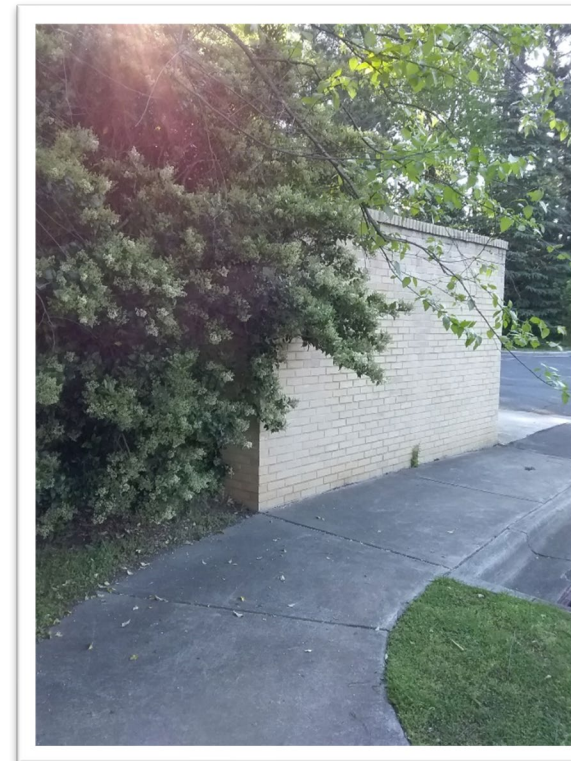
Accessible Routes

- Slope issues
- Changes in level



Protruding Objects

- Extends more than 4" into circulation path

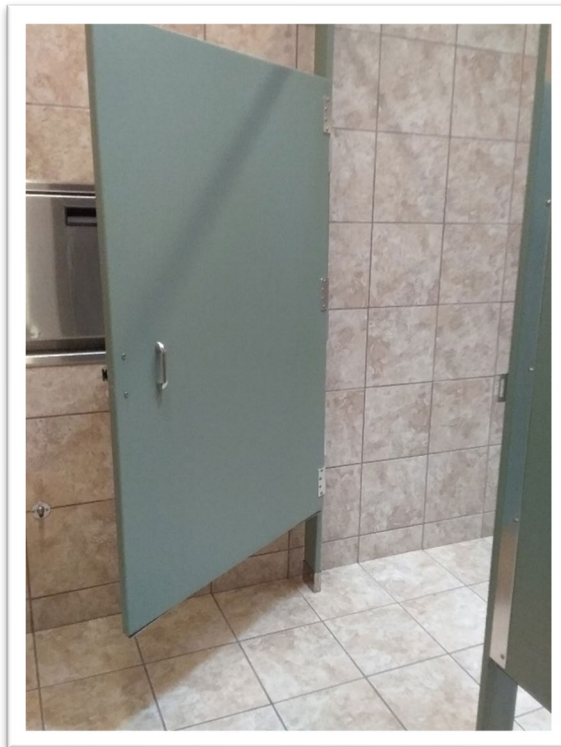
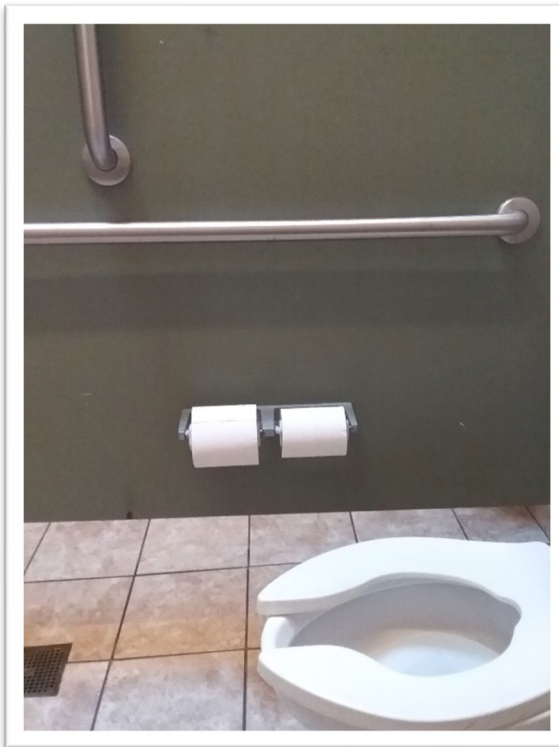


COMMON VIOLATIONS



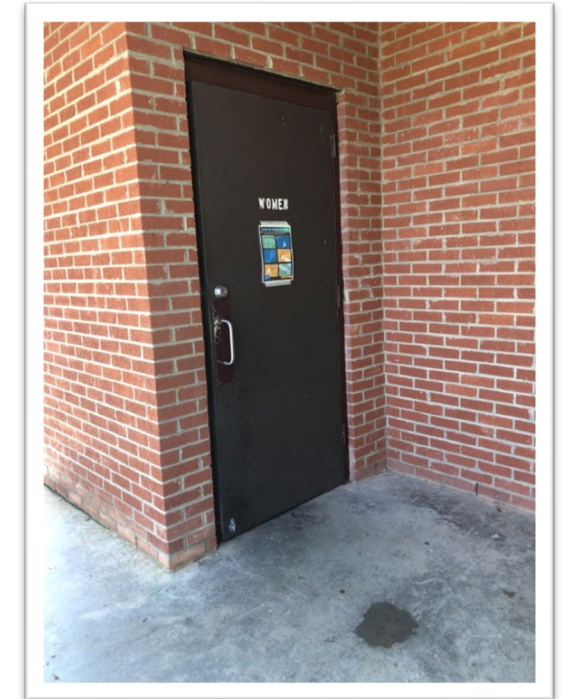
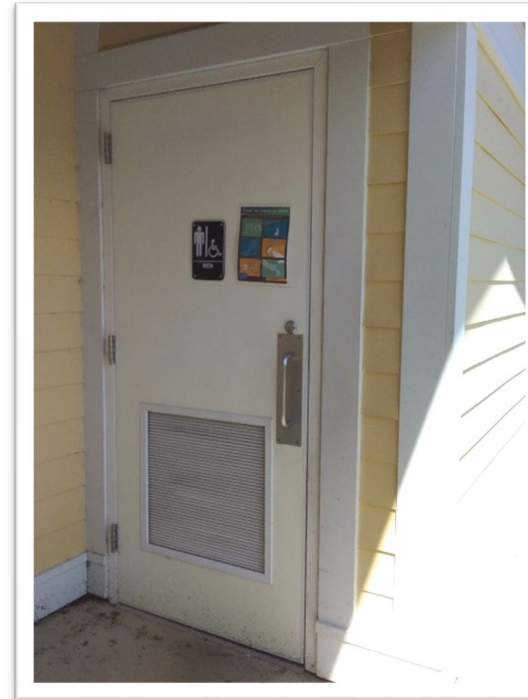
Restrooms

- Toilet paper dispenser placement
- Door not self closing



Signage

- No tactile signage present at exits and permanent spaces
- Incorrect placement



SCORING AND PRIORITIZATION



- **Existing conditions**

- Accessibility
- Safety/security

- **Prioritization**

- Severity
- Visitor Usage
- Cost Estimation of Improvements
- Location of Amenity
- Age of Facility

High

- Major safety Issue
- New Construction built out of compliance
- No accessible route

Medium

- Non-compliant amenities
- Accessible route with moderate slopes

Low

- Non-compliant signage
- Minor slopes

Quick-Fixes

- Signage
- Barrier removal
- Doorknobs

ORDER OF MAGNITUDE COST ESTIMATES



Total Order of Magnitude Cost Estimates	
Buildings & Public Parking	\$320,000
Parks & Playgrounds	\$872,000
Sidewalks & Greenways	\$5,992,000
Curb Ramps (partial)	\$2,186,000
Total	\$9,370,000

Priority	Cost Estimates
High	\$4,170,000
Medium	\$2,320,000
Low	\$2,880,000
Total	\$9,370,000
Quick Fix	\$66,000

POLICY AND PROCEDURE REVIEW



- ADA Title II Notice
- Grievance procedure
- Alternate formats
- Communication systems
- Emergency procedures
- Historic preservation programs
- Building codes



WEBSITE REVIEW



- Alternative text
- Video captioning
- Text color and size
- Screen reader software



COMMUNITY INVOLVEMENT



Online Survey:

October 1, 2021 to November 18, 2021

254

Participants

165

Comments

523 Views

2

Presentations

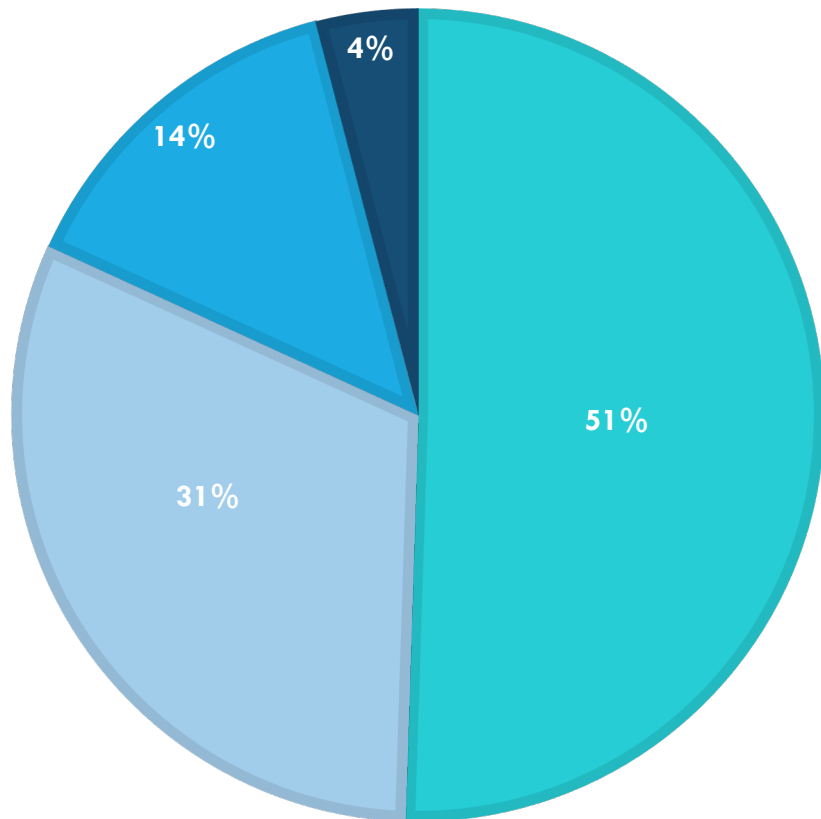
Virtual Open-House Meetings:
January 12 -13, 2022

COMMUNITY ACCESSIBILITY SURVEY



FEELING TOWARDS TOWN

■ Very Positive ■ Positive ■ Neutral ■ Negative ■ Very Negative



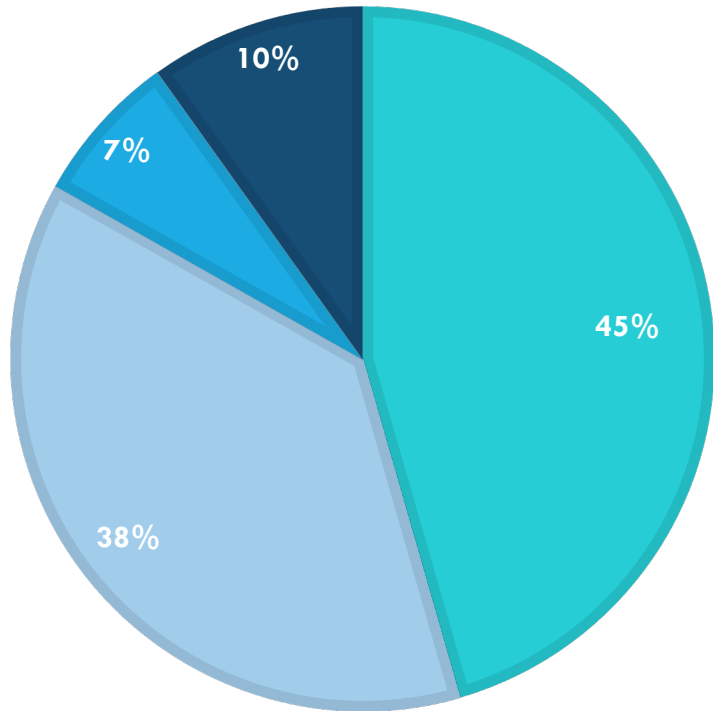
Regarding accessibility, how do you feel about living and/or working in Apex, NC?

COMMUNITY ACCESSIBILITY SURVEY



RIGHT-OF-WAY ACCESSIBILITY

■ Yes ■ Somewhat ■ No ■ Not Applicable



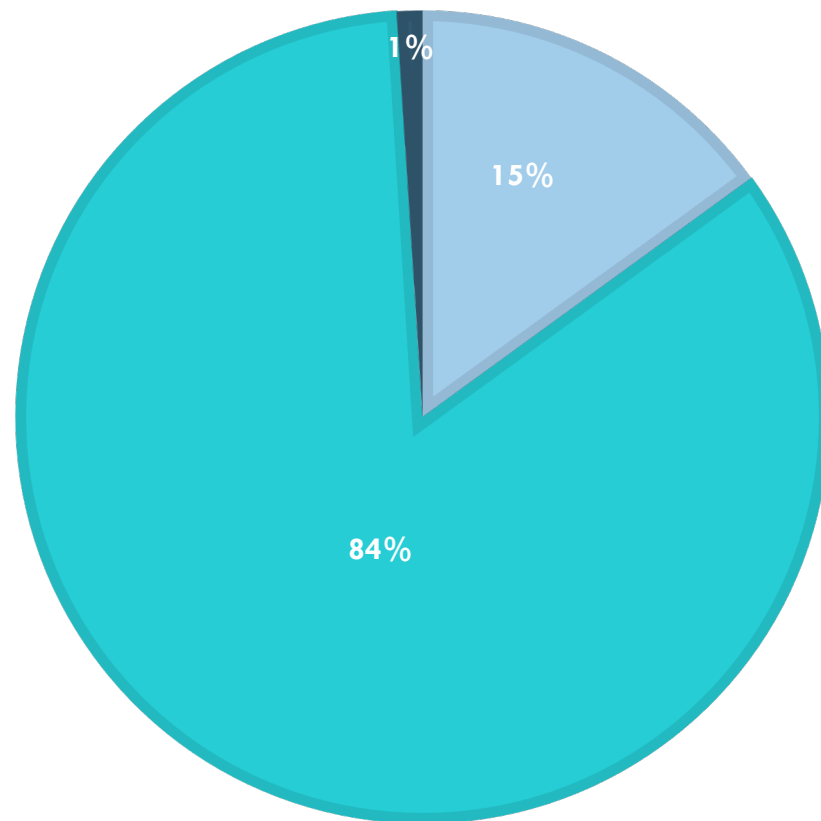
In general, do you feel that the Town's sidewalks and curb ramps are accessible?

COMMUNITY ACCESSIBILITY SURVEY



TOWN PROGRAMS

■ Yes ■ No ■ Other



Have you encountered any obstacles to participating in a Town program or activity?

IMPLEMENTATION PLAN

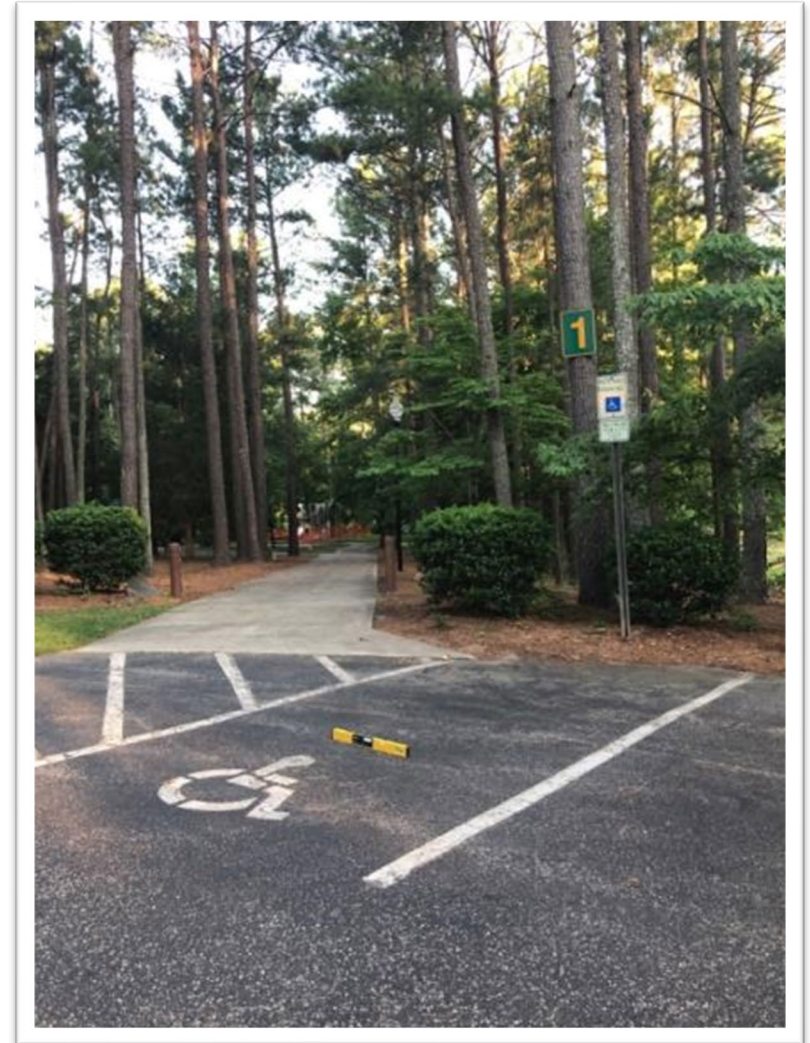


- ▶ Implementation plan is a **guide**.
- ▶ Improvements and locations chosen **may vary** depending on the severity of the violation and funding.
- ▶ Improvements will **need to be reviewed** and a work program developed.
- ▶ Completion of this study will ensure the **commitment of a future cost**.

NEXT STEPS



- Ongoing ADA training for City staff
 - Four already completed
- Ensure all future construction & renovations are ADA compliant
- Continue public engagement efforts



CURRENT MITIGATION EFFORTS



- Create a plan for the future
 - Short Term (0-5 years)
 - Long Term (5+ years)
- Mitigate barriers to accessibility
 - **Already in progress!**

Location	Violations Identified	Barriers Mitigated
Facilities	230	4
Parks	327	37
Streets	973	54
Total	1530	95

Questions?



Ines Nizeye, AICP, AI/PE
Project Manager
(813) 224-8862
inizeye@benesch.com



Shawn Purvis, ICMA-CM
Assistant Town Manager
(919) 249-3302
Shawn.Purvis@apexnc.org



Bryan Weinstein, P.E., AI/PE
*Group Manager of ADA Compliance
& Accessibility Services*
(813) 486-0061
bweinstein@benesch.com