## Access Audit Site Report



Lake Livingston State Park

TWTV Group
Engineering with Precision, Pace \& Passion. (224) 293-6451
www.wtengineering.com

300 State Park Rd 65
Livingston, TX 77351
Accessibility Evaluation
Inspection Date: 11/08/2021
Inspectors: Tanya Scheibe
Cover Letter ..... 3
LAKE LIVINGSTON STATE PARK PROGRAM REPORT 202301 ..... 5
Findings ..... 13
Headquarters ..... 13
Trails and Trailheads ..... 37
Hercules Club Loop ..... 65
Piney Shores ..... 78
Red Oak ..... 197
Yaupon Loop ..... 218
Picnic Area/Day Use - South ..... 237
Pin Oak Loop ..... 269
Picnic Area/Day Use - North ..... 291
Picnic Area/ Day Use - Central ..... 311
Red Oak/Piney Shores Boat Ramp ..... 328
Employee Spaces ..... 336

Engineering • Design • Consulting

July 28, 2023

Jessica Burke, ADA Coordinator
Support Resources
Texas Parks and Wildlife Department
4200 Smith School Road
Austin, TX 78744

Dear Jessica,

Thank you for the opportunity to be of service to you by performing an accessibility evaluation for the Lake Livingston State Park located at 300 State Park Rd 65, Livingston, TX 77351. The facility was inspected on 11/08/2021.

We recommended that all barriers that are identified in this evaluation recommended in one of the phases below, be removed as soon as possible. A transition plan should be developed to assist in planning the removal of all barriers. To help with this, we have identified all barriers on a finding by finding basis with a phase identifier as follows:

1 (Phase 1): Should be completed immediately. This category includes findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat.

2 (Phase 2): Should be completed as soon as possible. Includes findings that would remove barriers to the greatest number of people to your goods and services and findings new to the technical standards such as recreation elements

3 (Phase 3): Should be completed as soon as possible, but there may be other items that will provide greater access to persons with disabilities. This category includes findings that have a high financial impact on the entity, are subject to standards not yet final, or involve a partner entity.

4 (Option): Not necessary to complete, because other sites exist that meet Title II requirements for program access, or retrofit is technically infeasible, or variance is a construction tolerance.

5 (Smart Practice): Should be completed but not necessarily required. This category includes findings and or elements that were in compliance with previous editions of the codes and standards but have since changed. This category also includes techniques or elements that are not a part of the federal or state requirements, but are suggested in advisory language, or have been successfully implemented by other entities. Generally, these items are easily modified to provide the greatest degree of access as well as compliance with the most current codes and standards.

Periodic maintenance to ensure continued accessibility is essential in providing a safe and usable environment. Parking lot markings, signage, door opening pressures, and maintaining clear floor space at doors and other elements and fixtures, available to the public, must be part of an ongoing maintenance schedule.

If you have any questions regarding this report or would like to schedule a meeting with myself and your architect, attorney, or contractor, please feel free to contact me.

Legend of Abbreviations:
AFF... Above the finished floor
AGL... Above Ground Level
AR... Accessible Route
CIL... Change in Level
CFS... Clear Floor Space
EPC... Elevated Play Component
GLPC...Ground Level Play Component
Sincerely,
7 angn Schuer
Tanya Scheibe, RAS \#1369

## TEXAS PARKS AND WILDLIFE DEPARTMENT LAKE LIVINGSTON STATE PARK

## AMERICANS WITH DISABILITIES ACT COMPLIANCE INITIATIVE PROGRAM AND POLICY REPORT <br> JULY 28, 2023

## INTRODUCTION

The Texas Parks and Wildlife Department (TPWD) is subject to the many requirements of the Americans with Disabilities Act (ADA). To assist it in meeting those requirements, TPWD retained The WT Group, LLC (WTG) Accessibility Practice in 2021.

Title II of the ADA applies to TPWD sites, along with 89,000 other units of state and local government. WTG has a broad scope of work that matches the ADA requirements found in title II. It includes:

- Schedule and conduct project management meetings;
- Conduct access audits of 89 sites, including Lake Livingston State Park;
- Prepare a site report that describes deficits at Lake Livingston State Park, and suggests solutions to those deficits;
- Provide guidance regarding the programs or opportunities Texans can enjoy at Lake Livingston State Park;
- Conduct community engagement events to determine the access preferences and priorities of Texans who visit Lake Livingston State Park;
- Provide a Lake Livingston State Park Transition Plan that identifies deficits, notes solutions, identifies the officer responsible for barrier removal, and notes the phase or timing of barrier removal;
- Provide a GIS shapefile regarding the accessibility of Lake Livingston State Park;
- Provide a method of tracking barrier removal at Lake Livingston State Park; and
- Report to TPWD leadership and stakeholders.


## THIS REPORT

This report addresses program and policy advice, and then the WTG observations of deficits at Lake Livingston State Park. Other deliverables are provided under separate cover.

## What is a Program?

A unit of state or local government is required to make the "programs" it offers accessible to people with and without disabilities. The term "program" is broadly defined as an opportunity made available by the state to the public, and the term public includes both people with and without disabilities. As an example, if a state park offers camping it must make certain that some campsites are of an accessible design.

The number to be made accessible is called scoping and it is usually a percentage or ratio of the similar sites. For example, if a state park has outdoor constructed features such as grills, fire pits, and benches, it must make $20 \%$ of an accessible design. Those $20 \%$ accessible must be dispersed throughout the park.

In an ADA context, "programs" at a state park or state natural area include but are not limited to:

| Hiking | Fishing |
| :--- | :--- |
| Camping | Bird Watching |
| Swimming | Playgrounds |
| Lodging | Beaches |
| Boating | Interpretive activities |
| Parking | Visitor Centers |
| Trams | Picnicking |
| Sports fields | Viewing areas |
| Restrooms | Grilling |

## The Federal and Texas Accessibility Standards

The current Texas Accessibility Standards (TAS 2012) became effective in 2012 after an amendment process. Those Standards are almost identical to the federal 2010 Standards for Accessible Design, and both effectively address parking, entries, restrooms, and other typical building elements. They also address playgrounds, boating and fishing areas, and sports fields and courts. They do not however address some of the assets at Lake Livingston State Park. Trails, campsites, and picnic areas are not yet a final and enforceable state or federal standard.

That will change at the end of 2023 or early 2024. The Texas Department of Licensing and Regulation (TDLR) has signaled its intent to adopt the pending federal guidance for key outdoor assets integral to TPWD sites like Lake Livingston State Park. This includes trails, beaches, campsites, picnic areas, viewing areas, and constructed park assets like grills, fire pits, and benches.

In discussing the Standards, it is important to use the correct definition of park assets. Most definitions are found in TAS 2012 at section 106. As noted above, TDLR plans to add the pending federal guidance regarding some outdoor areas to TAS. It is important to remember that the Standards set the floor, not the ceiling. Making a slope more gentle, or a route wider, is always a smart practice with universal design benefits.

Some selected definitions of park assets common to TPWD are noted below.

## Lake Livingston State Park

Program and Policy Report
July 28, 2023 page 3

- Trail: A pedestrian route developed primarily for outdoor recreational purposes. A pedestrian route developed primarily to connect elements, spaces, or facilities within a site is not a trail.
- Trailhead: An outdoor space that is designed by an entity responsible for administering or maintaining a trail to serve as an access point to the trail. The junction of two or more trails or the undeveloped junction of a trail and a road is not a trailhead.
- Picnic Facility: A site or portion of a site developed for outdoor recreational purposes that contains picnic units.
- Picnic Unit: An outdoor space in a picnic facility used for picnicking that contains outdoor constructed features.
- Outdoor Constructed Features: Picnic tables, fire rings, grills, fireplaces, wood stoves, trash and recycling receptacles, water hydrants, utility and sewage hookups, outdoor rinsing showers, benches, and viewing scopes provided at outdoor recreation facilities.
- Camp Shelter: A partially enclosed structure that provides campers and hikers cover from weather and that does not contain plumbing fixtures or kitchen appliances. Camp shelters are not transient lodging facilities or residential dwelling units.
- Camping Facility: A site or portion of a site developed for outdoor recreational purposes that contains camping units.
- Camping Unit: An outdoor space in a camping facility used for camping that contains outdoor constructed features, parking spaces for recreational vehicles, tent pads or tent platforms, or camp shelters.
- Viewing Area: An outdoor space developed for viewing landscapes, wildlife, or other points of interest.
- Boarding Pier: A portion of a pier where a boat is temporarily secured for the purpose of embarking or disembarking.
- Boat Launch Ramp: A sloped surface designed for launching and retrieving trailered boats and other watercraft to and from a body of water.
- Gangway: A variable-sloped pedestrian walkway that links a fixed structure or land with a floating structure. Gangways that connect to vessels are not addressed by these Standards.
- Transition Plate: A sloping pedestrian walking surface located at the end(s) of a gangway.
- Play Area: A portion of a site containing play components designed and constructed for children.
- Play Component: An element intended to generate specific opportunities for play, socialization, or learning. Play components are manufactured or natural; and are standalone or part of a composite play structure.

Two other key outdoor assets are not included in the definitions. Both are defined below.

- Beach access routes: A beach access route (BAR) connects an entry point to the beach to the water, as defined below:
- At a tidal beach, to the high tide level
- At a river beach, to the mean high water level
- At a lake, pond, or reservoir beach, to the normal recreation water level

A BAR can be temporarily placed at a beach for all hours the beach is open, and need not be a permanent fixture.

- Outdoor Recreation Access Routes (ORAR): A route that connects outdoor recreation assets at an outdoor recreation site. An ORAR is not a trail.


## Conditions for Exceptions at Certain Outdoor Recreation Assets

In developing the scoping and technical requirements for accessibility at beaches, trails, and other outdoor developed areas, a wide net was cast to assure a variety of perspectives. The process involved:

- Officials from states with beaches and trails
- Officials from local entities with beaches and trails
- People with disabilities
- Landscape architects and civil engineers
- Parks and recreation officials

Throughout the process, all agreed that there are times that an existing beach, a new beach, an existing trail, or a new trail cannot meet the technical requirements for accessibility. The belief of regulatory bodies however is that these conditions should arise infrequently. The four conditions for exception are defined and discussed below.

- Section 1019.1.1: Compliance is not practicable due to terrain.

This is best clarified as naturally occurring terrain. It is applicable to both existing trails, and new trails. When locating and designing new trails, making the trail accessible should be a very high priority. This is especially important at Lake Livingston State Park where only one of the six existing trails are accessible.

- Section 1019.1.2: Compliance cannot be accomplished with the prevailing construction practices.

This is best clarified as a reference to prohibitions on the use of foreign soil or motorized equipment. As an example, if a trail bed is being carved by TPWD staff and volunteers on their hands and knees, with pick axes, shovels, and hoes, all because of a prohibition on motorized equipment in the park, this exception may apply

- Section 1019.1.3: Compliance would fundamentally alter the function or purpose of the facility or the setting.

This is best clarified as having a clear understanding of the purpose of the asset. A sharply ascending trail in a mountainous West Texas state park may have the intended use of endurance training. To "flatten" the trail is possible from a design perspective, but the trail then loses its function or purpose.

- Section 1019.1.4: Compliance is limited or precluded by any of the following laws, or by decisions or opinions issued or agreements executed pursuant to any of the following laws:

Endangered Species Act (16 USC 1531 et seq.);
National Environmental Policy Act (42 USC 4321 et seq.);
National Historic Preservation Act (16 USC 470 et seq.);
Wilderness Act (16 USC 1131 et seq.); or
Other federal, State of Texas, or local laws the purpose of which is to preserve threatened or endangered species; the environment; or archeological, cultural, historical, or other significant natural features.

There are other mitigating factors regarding accessibility. Four are discussed below.

- Construction Tolerance (see 104.1.1 Construction and Manufacturing Tolerances): All dimensions are subject to conventional industry tolerances except where the requirement is stated as a range with specific minimum and maximum end points. This is likely most applicable in new construction, but may also apply to making transition plan retrofits.
- Equivalent Facilitation (see 103 Equivalent Facilitation): Nothing in these requirements prevents the use of designs, products, or technologies as alternatives to those prescribed, provided they result in substantially equivalent or greater accessibility and usability. This is likely most applicable in new construction, but may also apply to making transition plan retrofits.
- Technical Infeasibility (see 106 Definitions): With respect to an alteration of a building or a facility, a condition wherein compliance with a requirement of this Standard has little likelihood of accomplishment because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. This is likely most applicable to making transition plan retrofits.
- Safe Harbor (see US DOJ title II section 35.151(c)): If a public entity has constructed or altered required elements of a path of travel in accordance with the specifications in either the 1991 Standards or the Uniform Federal Accessibility Standards, or TAS 1994, before March 15, 2012, the public entity is not required to retrofit such elements to reflect incremental changes in the 2010 Standards solely because of an alteration to a primary function area served by that path of travel. It is important to note that the 1991 Standards and TAS 1994 did not address technical requirements for recreation assets, such as boating areas, fishing areas, beaches, campsites, trails, picnic
areas, playgrounds, sports fields, sports courts, and more. The Safe Harbor approach cannot be applied to such assets.


## Campsites

We have sorted campsites into several categories. These include tent only campsites, recreational vehicle campsites, shelter sites, and sites that combine features in a hybrid approach, such as an RV site with utilities.

In evaluating Lake Livingston State Park, WTG used TAS 2012, the pending outdoor developed areas guidance, and smart practices that make public spaces and outdoor recreation assets more accessible to people with disabilities. We also applied the concepts of construction tolerance, technical infeasibility, safe harbor, equivalent facilitation, and other imitations on when a site must be made accessible.

## What is Inclusion?

The title II regulation requires Lake Livingston State Park programs to be available in the most integrated setting. This is defined as the setting in which people with and without disabilities interact together. Using the camping example above, inclusive camping would locate accessible campsites amidst inaccessible campsites to facilitate interaction between campers with and without disabilities.

While all programs must be inclusive, that does not mean that everyone with every type of disability or health condition must be allowed to participate in every program. The concept of essential eligibility allows Lake Livingston State Park to apply neutral conditions to determine who uses programs. Again, using camping, if there are 20 campsites and a person with a disability is the $21^{\text {st }}$ person to register, the neutral concept of "capacity" applies and that camper has no place to camp. If that camper is the $20^{\text {th }}$ person to seek camping but does not pay the campsite fee, the neutral concept of paying the same fees can apply and that camper will not camp at Lake Livingston State Park.

## How Can Programs in General Be Made Accessible?

The title II regulation at section 35.150 (b) lists a number of ways to make Lake Livingston State Park programs accessible. These include but are not limited to:

- Removing architectural barriers;
- Removing communication barriers;
- Changing rules and policies;
- Providing additional staff training;
- Providing different staff ratios;
- Providing adaptive equipment;
- Providing auxiliary aids and services such as a sign language interpreter;

Lake Livingston State Park
Program and Policy Report
July 28, 2023 page 7

- Providing accessible transportation when transportation is part of the opportunity;
- Reassignment of services to accessible locations;
- Conducting duplicate opportunities, one in accessible location and the other in an inaccessible location;
- Designing and constructing new facilities that are therefore fully compliant;
- Home visits; and
- Other methods that make programs accessible.

Lake Livingston State Park staff should be aware of, and ready to, provide such modifications.

## Are the Lake Livingston State Park Programs Accessible and Inclusive?

In our review of the opportunities available at Lake Livingston State Park, we saw:

- One playground at Day Use;
- One fishing area at Day Use;
- One boat ramp at Day Use;
- One boat pier with eight slips at Day Use;
- One boat rental at Day Use;
- 16 tent only campsites at Briar Loop;
- 127 hybrid tent/RV campsites at Pin Oak, Yaupon, Red Oak, and Piney Shores;
- Ten shelter campsites at Piney Shores;
- Six trails throughout the Park;
- Four picnic areas at Day Use; and
- One archery range at Pin Oak.

Of these, the accessibility status and our recommendation is:

- Make the one playground at Day Use accessible;
- Maintain the accessible fishing area at Day Use and implement all site report retrofits;
- Make the boat ramp at Day Use accessible;
- Maintain the accessible boat slip at Day Use and leave the remaining seven as is an inaccessible until later altered for another purpose;
- Make the boat rental at Day Use accessible;
- Make two of the 16 tent only campsites at Briar Loop accessible, leaving the remaining 14 as is and inaccessible until later altered for another purpose;
- Maintain the three accessible hybrid tent/RV campsites at Yaupon, Red Oak, and Piney Shores and implement all site report retrofits;
- Make four more hybrid tent/RV campsites accessible at Pin Oak, Yaupon, Red Oak, and Piney Shores and disperse the accessible campsites among the different areas;
- Leave the remaining 120 hybrid tent/RV campsites as is and inaccessible until later altered for another purpose;
- Maintain the accessible trail and implement all site report retrofits;
- Make one more trail accessible, leaving the remaining four trails as is and inaccessible until later altered for another purpose, and in the alternative, consider developing one new trail that will be accessible;
- Make one picnic area at Day Use accessible, leaving the remaining three as is and inaccessible until later altered for another purpose; and
- Make the archery range accessible.


## Camping Clarification

A number of campsites of each type provided within the park (see the Outdoor Developed Area Guidelines at 244.2, which will eventually be a part of the revisions to TAS 2012) must be retrofit to make the program of camping accessible, and to meet the soon-to-be-adopted State of Texas standard.

We have sorted campsites into three types: tent only, hybrid (usable by tent or RV), and shelters. TPWD or Lake Livingston State Park staff can also distinguish these sites by amenities provided (covered tables, water only, electric, scenic views, etc.).

If concessionaires are to provide camping experiences at the Park, those sites too must include accessible campsites.

## Conclusion

The staff at Lake Livingston State Park offer experiences and assets desired by park visitors. Those same experiences and assets must be accessible to and usable by people with disabilities. See the following site report to identify barriers and recommendations for barrier removal.

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Headquarters: Headquarters Parking | $\begin{gathered} {[30.6570265} \\ -95.001208 \\ 3] \end{gathered}$ | The access aisle is not a minimum 5 feet wide. A car accessible parking stall's access aisle must be a minimum of 5 feet wide measured from centerline to centerline. Where the access aisle is not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the access aisle. | Lacks width requirement for access aisles | Repaint access aisles to be 5' each | 2015 ABAAS <br> Section: <br> 502.3.1 <br> 2012 TAS <br> Section: <br> 502.3.1 <br> 2010 ADAS Section: 502.3.1 |  |  |
| 2 | Headquarters: Headquarters Parking | $\begin{gathered} {[30.6570277} \\ -95.001212 \\ 3] \end{gathered}$ | There are no van accessible parking stalls. 1 in every 6 , minimum of one, required accessible stalls must be a van accessible stall. There are a total of 15 parking stalls in the parking lot that could be reasonably associated with this facility. There should be a minimum of 1 accessible stalls with a minimum of 1 being designed as van accessible. | Lacks required width of stall and access aisle for a van accessible parking space | Add van parking sign to 1 accessible stall and repaint stall and access aisle to 11' and $5^{\prime}$ or 8 ' and 8 ' per the table | 2015 ABAAS Section: F208.2, F208.2.4 2012 TAS Section: 208.2, 208.2.4 2010 ADAS Section: 208.2, 208.2.4 |  | $\square=$ $=$ <br> $\vdots$ $\vdots$ <br> $\vdots$  <br> $\vdots$  |
| 3 | Headquarters: Headquarters Parking | $\begin{gathered} {[30.6570288} \\ , \\ -95.001204 \\ 2] \end{gathered}$ | The accessible parking stall signage is incorrect and/or missing from each accessible parking space. Parking space identification signs shall include the International Symbol of Accessibility. Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches minimum above the finish floor or ground surface measured to the bottom of the sign. | The van stall is missing a sign identifying it as a van accessible stall | Acquire and mount at appropriate heights and locations accessible parking signs where missing | 2015 ABAAS Section: 502.6 2012 TAS Section: 502.6 |  | RESERVED PARKING |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7 | Headquarters: Headquarters Exterior Accessible Route | $\begin{aligned} & {[30.65685,} \\ & -95.00121] \end{aligned}$ | The total number of drinking fountains are not equally divided between those that are accessible to wheelchair users and those that are available to standing persons. Where more than two are provided, 50 percent of the total number of drinking fountains provided shall be accessible to wheelchair users and 50 percent available to standing persons. | Height of spout is 37.5" AFF and is not compliant for either a low bowl or high bowl, lacks knee clearance | Replace fountain to provide $50 / 50$ split between hi and lo bowl fountains | 2015 ABAAS <br> Section: <br> F211.3 <br> 2012 TAS <br> Section: <br> 211.3 <br> 2010 ADAS Section: 211.3 |  |  |
| 8 | Headquarters: Headquarters Exterior Accessible Route | $\begin{aligned} & {[30.65708,} \\ & -95.00095] \end{aligned}$ | There is no accessible route to the bike rack. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible route to bike rack | Create an accessible route with crushed stone or other outdoor material from parking or walkway to bike rack. | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS <br> Section: <br> 206.2.2 <br> 2010 ADAS Section: 206.2.2 |  |  |




Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11 | Headquarters: Headquarters Exterior Accessible Route | [30.657, -95.00128] | The walkway contains abrupt vertical edges and/or variations over a $1 / 4$ inch. $1 / 4$ inch is the maximum vertical rise. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at 1:2 or less. Changes in level greater than $1 / 2$ inch must be by way of a ramp. | CIL of .5 " at sidewalk near bulletin board, .75" where asphalt meets sidewalk, and 75 at unisex restroom | Repair, bevel or ramp CIL along AR | 2012 TAS Section: 303.2, 303.3 <br> 2010 ADAS Section: 303.2, 303.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12 | Headquarters: <br> Headquarters Exterior Accessible Route | $\begin{aligned} & \hline[30.65697, \\ & -95.00111] \end{aligned}$ | The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48. | $10.7 \%$ slope at asphalt to concrete,13.4\% running slope at asphalt drive near fountain, 7.4\% running slope at pavers | Correct running slopes to max 5\% and cross to $\max 2.08 \%$. | 2012 TAS <br> Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |



Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15 | Headquarters: Headquarters Public Spaces | [30.65691, -95.00105] | The transaction counter provides for a parallel approach and is not within the required height range. Transaction counters shall be 36 inches high maximum and a minimum of 36 inches wide and should extend the same depth as the sales or service counter tops. | Transaction counter at 42.5 " | Lower 36 " wide segment of service counter to max 36 " aff. | 2015 ABAAS <br> Section: <br> 904.4.1 <br> 2012 TAS <br> Section: <br> 904.4.1 <br> 2010 ADAS Section: 904.4.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 16 | Headquarters Headquarters Public Spaces | [30.65691, <br> -95.00105] | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Maneuvering clearances shall have a max slope of $2.08 \%$. The threshold has a vertical change greater than $1 / 4$ inch high. The bottom 10 inches on the push side must be smooth and free of obstructions (hold open devices). Opening hardware must be mounted between 30 and 44 inches above the floor or ground. | front door - lacks kick plate (glass), lacks secured floor mat on push side, $7.3 \%$ slope to door on pull side, 1 " change in level (CIL) | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, secure rug in door clearance to prevent trip hazard. For all doors along the public circulation route, correct slope in door clearance to $\max 2.08 \%$. For all doors along the public circulation route, repair, bevel, or ramp CILs at door entries to max . $25^{\prime \prime}$. For all doors along the public circulation route, provide kick plate on push side of door from floor to 10" AFF. | 2010 ADAS <br> Section: 404.2.3, 404.2.7, 404.2.4, 404.2.11, 404.2.11 Exception |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The water and drain pipes under the lavatory are not adequately insulated. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | Sink lacks insulated pipes | Insulate exposed pipes under one sink | 2015 ABAAS Section: 606.5 <br> 2012 TAS Section: 606.5 <br> 2010 ADAS Section: 606.5 |  |  |
| 20 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The required 56 inches by 60 inches clear floor space for the water closet has been obstructed. The clear floor space around the water closet shall be 60 inches minimum measured perpendicular from the side wall and 56 inches minimum measured perpendicular from the rear wall. | Lacks 60" clear floor space around toilet 50.75 " to sink, $54.5^{\prime \prime}$ deep | Renovate restroom to provide 60" by 56 " clearance around the toilet. | 2015 ABAAS Section: 604.3. <br> 2012 TAS Section: 604.3.1 <br> 2010 ADAS Section: 604.3.1 |  |  |
| 21 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The toilet is not located within the range allowed from the side wall or partition. The centerline of the toilet must be 16 to 18 inches from the side wall. | Centerline of the toilet is 14.5 from the side wall | Remount toilets to $16^{\prime \prime}$ to 18 " from the side wall to centerline | 2015 ABAAS Section: 604.2 <br> 2012 TAS Section: 604.2 <br> 2010 ADAS Section: 604.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 22 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The side grab bars are not in the correct location. Grab bars on the side wall must be installed so that the end closest to the rear wall is maximum $12^{\prime \prime}$ from the rear wall. The end furthest from the rear wall must be mounted minimum 54 " from the rear wall. | Side grab bar ends 51.75 " from rear wall | Remount side grab bar to max $12^{\prime \prime}$ from the rear wall at the close end and min 54 " on the far end, and $33^{\prime \prime}$ to 36 " aff. | 2015 ABAAS <br> Section: <br> 604.5.1 <br> 2012 TAS <br> Section: <br> 604.5.1 <br> 2010 ADAS <br> Section: <br> 604.5.1 |  |  |
| 23 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The rear grab bar is not 36 " long or is not mounted in the correct location. The rear grab bar must be a minimum of 36 " long and extend from the toilet centerline a minimum 12 " towards the wall side and a minimum 24 "towards the open side of the toilet. Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface and the space between the grab bar and the top of the tank shall be 1-1/2 inches minimum. | Lacks rear grab bar | Acquire rear grab bar that is 36 " long, mounted behind the toilet, 12 " to one side of center and 24 " to the other and 33 " to 36 " aff | 2015 ABAAS Section: 604.5.2 <br> 2012 TAS Section: 604.5.2 <br> 2010 ADAS Section: 604.5.2 |  |  |
| 24 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The grab bar height and/or spacing fails. Grab bars must be mounted between 33 " and 36 " to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of 1.5 " of clearance below and minimum 12" above the grab bar to any dispenser or other obstruction. | Gripping surface of grab bar is 31.75 " aff | Remount grab bars in accessible stall to $33^{\prime \prime}$ to $36^{\prime \prime}$ aff. | 2015 ABAAS Section: <br> 609.3, 609.4 <br> 2012 TAS <br> Section: <br> 609.4, 609.3 <br> 2010 ADAS Section: <br> 609.3, 609.4 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The flush handle is located on the wrong side of the toilet. Controls shall be operable with one hand and shall not require tight grasping, pinching or twisting. Controls for the flush valves shall be mounted on the wide side of toilet areas, no more than 44 inches above the floor. | The flush handle is located on the wrong side of the toilet | Remount flush mechanism on the open side, in the alternative, install an auto flush unit. | 2015 ABAAS <br> Section: <br> 604.6 <br> 2012 TAS <br> Section: <br> 604.6 <br> 2010 ADAS Section: 604.6 |  |  |
| 26 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & \hline[30.65691, \\ & -95.00105] \end{aligned}$ | The toilet paper is not installed within the compliant range in front of the toilet. Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. There shall be a clearance of $11 / 2$ inches minimum below the grab bar. | Centerline of toilet paper dispenser is $0 "$ from the front of the toilet | Remount toilet paper dispenser max 7" to 9 " from front of toilet, $15^{\prime \prime}$ to $48^{\prime \prime}$ aff and min 12 " above or 1.5 " below grab bar. | 2015 ABAAS Section: 604.7 <br> 2012 TAS Section: 604.7 <br> 2010 ADAS Section: 604.7 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | There is insufficient turning space within this room or space. The space required for a wheelchair to make a 180 -degree turn is a clear space of 60 inches in diameter or a Tshaped space. | Lacks sufficient turning space within this room or space | Reconfigure restroom to provide turning space if feasible. See finding 7 for cost. | 2015 ABAAS <br> Section: <br> 304.3.1, <br> 304.3.2 <br> 2012 TAS <br> Section: <br> 304.3.1, <br> 304.3.2 <br> 2010 ADAS <br> Section: <br> 304.3.1, <br> 304.3.2 |  |  |
| 28 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The accessible route contains running slopes greater than 5 percent and cross slopes greater than 2 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope). | Slope of $8.2 \%$ near floor drain | Correct or repair slope to max 2.08\%. | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 29 | Headquarters: Headquarters Unisex Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. <br> Maneuvering clearances shall have a max slope of $2.08 \%$. Door openings shall provide a clear width of 32 inches ( 815 mm ) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches ( 610 mm ) deep shall provide a clear opening of 36 inches ( 915 mm ) minimum. There shall be no projections into the required clear opening width lower than 34 inches ( 865 mm ) above the finish floor or ground. Projections into the clear opening width between 34 inches ( 865 mm ) and 80 inches ( 2030 mm ) above the finish floor or ground shall not exceed 4 inches ( 100 mm ). | Slope of $5.4 \%$ at door entry, door 32" wide | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, correct slope in door clearance to $\max 2.08 \%$. For all doors along the public circulation route, replace doors with doors having 80 " overhead clearance and 32 " clear width. | 2010 ADAS Section: 404.2.3, 404.2.7, 404.2.4, 404.2.11, 404.2.11 Exception |  |  |
|  |  |  |  |  |  |  |  |  |
| 30 | Headquarters: Headquarters Employee Spaces | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | Spaces and elements within employee work areas shall only be required to comply with 206.2.8, 207.1, and 215.3 and shall be designed and constructed so that individuals with disabilities can approach, enter, and exit the employee work area. Employee work areas, or portions of employee work areas, other than raised courtroom stations, that are less than 300 square feet ( 28 m 2 ) and elevated 7 inches $(180 \mathrm{~mm})$ or more above the finish floor or ground where the elevation is essential to the function of the space shall not be required to comply with these requirements or to be on an accessible route. | Entry door - chair in pull side clearance; storage closet - shelf in pull side clearance, knobs; back office door - lacks kick plate (glass), knobs ; rear door-2" change in level (CIL), loose floor mat on pull side, knobs | For employee spaces, relocate storage, furniture, and other obstacles at doorways to provide approach, enter and exit at the employee space. Provide required maneuvering clearance on push and pull side of doors. Secure rug at door to prevent trip hazard. Repair, bevel, or ramp CILs at door entries to max . 25 ". Replace hardware with lever hardware or hardware operable without a tight pinch or grasp. Provide kick plate on push side of door from floor to 10" AFF. | 2015 ABAAS Section: F203.9 <br> 2012 TAS Section: 203.9 <br> 2010 ADAS Section: 203.9 |  |  |



Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 31 | Headquarters: <br> Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The restroom sign does not comply with one or more applicable requirements for the location, height, and properties of the sign. | Lacks compliant signage | Acquire and mount signage, including Braille and access symbol mounted on wall, latch side of door, 48 " to baseline of lowest character and 60 " to baseline of highest character Remount signage to the proper location based on the type of door provided | 2015 ABAAS Section: F216.2, $703.1,703.2$, $703.5,703.6$ 2012 TAS Section: $216.2,703.1$, $703.2,703.5$, 703.6 2010 ADAS Section: 216.2, 703.1, $703.2,703.5$, 703.6 |  |  |
| 32 | Headquarters: <br> Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The mirror is mounted too high. Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. | Bottom edge of reflecting surface of mirror is 46.5 " aff and top edge of reflecting surface is 68.5 " aff | Replace mirror mount to max 40" AFF to the bottom reflective surface and 74 " to the top. | 2015 ABAAS Section: 603.3 <br> 2012 TAS Section: 603.3 <br> 2010 ADAS Section: 603.3 |  |  |
| 33 | Headquarters: <br> Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The water and drain pipes under the lavatory are not adequately insulated. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | Sink lacks insulated pipes | Insulate exposed pipes under one sink | 2015 ABAAS Section: 606.5 <br> 2012 TAS Section: 606.5 <br> 2010 ADAS Section: 606.5 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 34 | Headquarters: <br> Headquarters Employee's Restroom | $\begin{aligned} & \hline[30.65691, \\ & -95.00105] \end{aligned}$ | The operable part is not accessible because there is not adequate clear floor space for either a forward or side approach. The clear floor or ground space shall be 30 inches minimum by 48 inches minimum. | Lacks clear floor space to hand dryer, soap dispenser, and toilet due to storage | Remove, or relocate storage in CFS at fixtures and operable parts along the AR | 2015 ABAAS Section: 305.3 <br> 2012 TAS Section: 305.3 <br> 2010 ADAS Section: 305.3 |  |  |
| 35 | Headquarters: <br> Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The required 56 inches by 60 inches clear floor space for the water closet has been obstructed. The clear floor space around the water closet shall be 60 inches minimum measured perpendicular from the side wall and 56 inches minimum measured perpendicular from the rear wall. | Lacks 60" clear floor space around toilet | Renovate restroom to provide 60 " by 56 " clearance around the toilet. In the alternative, leave as is citing safe harbor. | 2015 ABAAS <br> Section: <br> 604.3. <br> 2012 TAS <br> Section: <br> 604.3.1 <br> 2010 ADAS <br> Section: <br> 604.3.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 36 | Headquarters: <br> Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The toilet is not located within the range allowed from the side wall or partition. The centerline of the toilet must be 16 to 18 inches from the side wall. | Centerline of the toilet is 14.5 " from the side wall | Remount toilets to 16 " to 18 " from the side wall to centerline | 2015 ABAAS Section: 604.2 <br> 2012 TAS Section: 604.2 <br> 2010 ADAS Section: 604.2 |  |  |
| 37 | Headquarters: Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The side grab bars are not in the correct location. Grab bars on the side wall must be installed so that the end closest to the rear wall is maximum $12^{\prime \prime}$ from the rear wall. The end furthest from the rear wall must be mounted minimum 54 " from the rear wall. | Side grab bar ends 52 " from rear wall | Remount side grab bar to max $12^{\prime \prime}$ from the rear wall at the close end and $\min 54$ " on the far end, and $33^{\prime \prime}$ to $36^{\prime \prime}$ aff | 2015 ABAAS <br> Section: <br> 604.5.1 <br> 2012 TAS <br> Section: <br> 604.5.1 <br> 2010 ADAS <br> Section: <br> 604.5.1 |  |  |
| 38 | Headquarters: <br> Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The rear grab bar is not 36 " long or is not mounted in the correct location. The rear grab bar must be a minimum of 36 " long and extend from the toilet centerline a minimum 12" towards the wall side and a minimum 24 " towards the open side of the toilet. Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface and the space between the grab bar and the top of the tank shall be 1-1/2 inches minimum. | Lacks rear grab bar | Acquire rear grab bar that is $36^{\prime \prime}$ long, mounted behind the toilet, 12 " to one side of center and 24 " to the other and $33^{\prime \prime}$ to 36 " aff | 2015 ABAAS <br> Section: <br> 604.5.2 <br> 2012 TAS <br> Section: <br> 604.5.2 <br> 2010 ADAS Section: 604.5.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 39 | Headquarters: <br> Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The grab bar height and/or spacing fails. Grab bars must be mounted between 33 " and 36 " to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of 1.5 " of clearance below and minimum 12" above the grab bar to any dispenser or other obstruction. | Gripping surface of grab bar is $31.5^{\prime \prime}$ aff, and lacks 12" clearance above the bar due to toilet paper dispenser location, TP too close to toilet | Remount grab bars in accessible stall to 33" to 36 " aff Remount toilet paper dispenser max 7 " to 9 " from front of toilet, 15 " to 48 " aff and min 12" above or 1.5 l below grab bar | 2015 ABAAS <br> Section: <br> 609.3, 609.4 <br> 2012 TAS <br> Section: <br> 609.4, 609.3 <br> 2010 ADAS Section: <br> 609.3, 609.4 |  |  |
| 40 | Headquarters: Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The route of travel at this location does not provide a minimum width of 36 inches. The clear width shall be permitted to be reduced to 32 inches minimum for a length of 24 inches maximum provided that reduced width segments are separated by segments that are 48 inches long minimum and 36 inches wide minimum. | Lacks 36 " wide route of travel | Widen AR to compliant 36 " clear width by removing loose items in path of travel. | 2015 ABAAS <br> Section: <br> 403.5.1 <br> 2012 TAS <br> Section: <br> 403.5.1 <br> 2010 ADAS Section: 403.5.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 41 | Headquarters: <br> Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | There is insufficient turning space within this room or space. The space required for a wheelchair to make a 180 -degree turn is a clear space of 60 inches in diameter or a Tshaped space. | Lacks sufficient turning space within this room or space | Renovate restroom to provide 60" turning space if feasible. | 2015 ABAAS <br> Section: <br> 304.3.1, <br> 304.3.2 <br> 2012 TAS <br> Section: <br> 304.3.1, <br> 304.3.2 <br> 2010 ADAS <br> Section: <br> 304.3.1, <br> 304.3.2 |  |  |
| 42 | Headquarters: Headquarters Employee's Restroom | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | There is a change in level greater than $1 / 4$ inch. I/4 inch is the maximum vertical rise. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at 1:2 or less. Changes in level greater than $1 / 2$ inch must be by way of a ramp. | CIL of 1" at floor drain (drain is below floor grade) | Repair, bevel or ramp CIL along AR to max .25". | 2015 ABAAS Section: 303.3 <br> 2012 TAS Section: 303.3 <br> 2010 ADAS Section: 303.3 |  |  |
| 43 | Headquarters: <br> Headquarters Employee's Restroom | $\begin{aligned} & \hline[30.65691, \\ & -95.00105] \end{aligned}$ | The accessible route contains running slopes greater than 5 percent and cross slopes greater than 2 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope). | Slope of $7.8 \%$ near floor drain | Correct or repair slope to max 2.08\%. | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 44 | Headquarters: Headquarters Employee's Restroom | $\begin{array}{\|l\|} \hline[30.65691, \\ -95.00105] \end{array}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Maneuvering clearances shall have a max slope of $2.08 \%$. Door openings shall provide a clear width of 32 inches ( 815 mm ) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches ( 610 mm ) deep shall provide a clear opening of 36 inches ( 915 mm ) minimum. There shall be no projections into the required clear opening width lower than 34 inches ( 865 mm ) above the finish floor or ground. Projections into the clear opening width between 34 inches ( 865 mm ) and 80 inches ( 2030 mm ) above the finish floor or ground shall not exceed 4 inches ( 100 mm ). Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. | Door - Slope of 6.8\% at door entry, door with 29", loose mat at door, 13\# push | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, secure rug in door clearance to prevent trip hazard. For all doors along the public circulation route, correct slope in door clearance to max $2.08 \%$. For all doors along the public circulation route, replace doors with doors having 80" overhead clearance and 32 " clear width. For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice. | $\begin{gathered} \text { 2010 ADAS } \\ \text { Section: } \\ \text { 404.2.3, } \\ \text { 404.2.7, } \\ \text { 404.2.4, } \\ \text { 404.2.11, } \\ \text { 404.2.11 } \\ \text { Exception } \end{gathered}$ |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Numbe | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 45 | Headquarters: <br> Headquarters Wildscape |  | There is no accessible route to the Headquarters "Wildscape". At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | $\begin{array}{\|c\|} \hline \text { Lacks accessible } \\ \text { route to Headquarters } \\ \text { "Wildscape" } \end{array}$ | Create an accessible route with crushed stone or other outdoor material from parking or walkway to Headquarters "Wildscape" | 2015 ABAAS Section: F206.2.2 <br> 2012 TAS Section: 206.2.2 <br> 2010 ADAS Section: 206.2.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 46 | Trails and Trailheads: Pineywoods Boardwalk Parking | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | Element meets all standards and requirements | Parking lot complies with scoping - 37 standard stalls, 2 accessible | None | 2010 ADAS <br> Section: N/A |  |  |
| 47 | Trails and Trailheads: Pineywoods Boardwalk Parking | $\begin{gathered} {[30.6642932} \\ , \\ -95.005191 \\ 3] \end{gathered}$ | The accessible parking stall signage is incorrect and/or missing from each accessible parking space. Parking space identification signs shall include the International Symbol of Accessibility. Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches minimum above the finish floor or ground surface measured to the bottom of the sign. | Accessible parking stall lacks accessible parking space signage | Acquire and mount at appropriate heights and locations accessible parking signs where missing | 2015 ABAAS Section: 502.6 <br> 2012 TAS Section: 502.6 |  | RESERVED PARKING |
| 48 | Trails and Trailheads: Pineywoods Boardwalk Parking | $\begin{gathered} {[30.6643486} \\ , \\ -95.005148 \\ 4] \end{gathered}$ | The van stall is missing a sign identifying it as a van accessible stall. Parking space identification signs shall include the International Symbol of Accessibility. Signs identifying van parking spaces shall contain the designation "van accessible." | The van stall is missing a sign identifying it as a van accessible stall | Add one van parking sign to van accessible stall and ensure stall and access aisle are $11^{\prime}$ and $5^{\prime}$ or $8^{\prime}$ and $8^{\prime}$ | 2015 ABAAS Section: 502.6 <br> 2012 TAS Section: 502.6 <br> 2010 ADAS Section: 502.6 |  |  |
| 49 | Trails and Trailheads: Pineywoods Boardwalk Parking | $\begin{array}{\|c} \hline[30.664367, \\ -95.004869 \\ 5] \end{array}$ | The running slope of walking surfaces shall not be steeper than 1:20. | Running slope of $17.5 \%$ from parking to right stairway to boardwalk | Correct running slope along the AR to max 5\% | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 55 | Trails and <br> Trailheads: Pineywoods Boardwalk Trail | $\begin{array}{\|l\|l} \hline[30.66623, \\ -95.00424] \end{array}$ | Visual characters shall be 40 inches (1015 mm ) minimum above the finish floor or ground. EXCEPTION: Visual characters indicating elevator car controls shall not be required to comply with 703.5.6. | Visual characters of informational sign at 35 " above the ground | Remount signage to min 40" agl as a smart practice. | 2015 ABAAS Section: 703.5.6, 703.5.6 EXCEPTION 2012 TAS Section: 703.5.6, 703.5.6 Exception 2010 ADAS Section: 703.5.6, 703.5.6 Exception |  |  |
| 56 | Trails and <br> Trailheads: <br> Pineywoods <br> Boardwalk Trail | $\begin{aligned} & {[30.66591,} \\ & -95.00465] \end{aligned}$ | Tread obstacles on trails, passing spaces, and resting intervals shall not exceed $1 / 2$ inch ( 13 mm ) in height measured vertically to the highest point. EXCEPTION: Where the surface is other than asphalt, concrete, or boards, tread obstacles shall be permitted to not exceed 2 inches ( 50 mm ) in height measured vertically to the highest point. | Multiple CILs (5) of 1", 1", 1.25", 1", 1.5" at Night Vision Platform | Repair, bevel or ramp tread obstacle along pathway to max .5 " as a smart practice. | 2015 ABAAS Section: 1017.5 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 57 | Trails and <br> Trailheads: <br> Pineywoods Boardwalk Trail | $\begin{aligned} & {[30.66454,} \\ & -95.00497] \end{aligned}$ | The cross slope shall not be steeper than 1:48. EXCEPTION: Where the surface is other than concrete, asphalt, or boards, cross slopes not steeper than 1:20 shall be permitted when necessary for drainage. | Multiple cross slopes of $5.2 \%$ near boardwalk entry, 4.7\%, 6.6\%, 7.2\% near platform, and 2.4\% near Bakba Trail crossing | Correct or repair pathway cross slope to max $2.08 \%$ or $5 \%$ depending on surface as a smart practice. | 2015 ABAAS Section: 1017.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 59 | Trails and <br> Trailheads: Pineywoods Boardwalk Trail | $\begin{aligned} & {[30.66574,} \\ & -95.00495] \end{aligned}$ | Openings in the surface of outdoor recreation access routes shall not allow the passage of a sphere more than $1 / 2$ inch (13 mm ) in diameter. Advisory: Spaces between the boards in a boardwalk and drainage grates are examples of openings. Where possible, drainage grates should be located outside the minimum clear width of the outdoor recreation access route. Elongated openings should be placed so that the long dimension is perpendicular, or as close to perpendicular as possible, to the dominant direction of travel | Multiple gaps (8) exceeding .5" | Correct or fill gaps along the ORAR to max .5 " as a smart practice. | 2015 ABAAS <br> Section: 1016.6, Advisory 1016.6 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 60 | Trails and <br> Trailheads: <br> Pineywoods Boardwalk Trail | $\begin{gathered} {[30.6644316} \\ \prime \\ -95.004880 \\ 2] \end{gathered}$ | The handrail does not have a compliant extension at the bottom of the stair flight. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. | Lacks handrail extensions at the bottom of the stairway | Install handrails on both sides of stairway, mounted 34 " to 38 " aff with top and bottom extensions and having a 1.25 " -2 " in diameter, or a non-circular grip that has a perimeter dimension of 4"- 6.25 " max with a min gap of 1.5 " between handrail and wall Provide required extensions at the bottom of the stairway | 2015 ABAAS <br> Section: <br> 505.10.3 <br> 2012 TAS <br> Section: <br> 505.10.3 <br> 2010 ADAS Section: 505.10.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 61 | Trails and <br> Trailheads: Pineywoods Boardwalk Trail | $\begin{gathered} {[30.664367,} \\ -95.004890 \\ 9] \end{gathered}$ | The handrail gripping diameter is noncompliant. Handrail gripping surfaces with a circular cross section shall have an outside diameter of $11 / 4$ inches minimum and 2 inches maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and $61 / 4$ inches maximum, and a cross-section dimension of 2 1/4 inches maximum. | Handrails lack compliant gripping surface diameter | Replace handrails on both sides of stairway, mounted 34 " to 38 " aff with top and bottom extensions and having a 1.25 " - 2 " in diameter, or a non-circular grip that has a perimeter dimension of 4 "- 6.25 " max with a min gap of 1.5 " between handrail and wall. Pricing in previous findings. | 2015 ABAAS Section: 505.7 <br> 2012 TAS Section: 505.7 <br> 2010 ADAS Section: 505.7 |  |  |
| 62 | Trails and <br> Trailheads: <br> Pineywoods Boardwalk Trail | $\begin{gathered} {[30.6643578} \\ , \\ -95.004923 \\ 1] \end{gathered}$ | The gripping surface of the handrail must be smooth. Handrail gripping surfaces must be free of sharp or abrasive elements and shall have rounded edges. | Handrails lack smooth gripping surface | Replace handrails with ones have a smooth surface. Pricing in previous findings. | 2015 ABAAS Section: 505.8 <br> 2012 TAS Section: 505.8 <br> 2010 ADAS Section: 505.8 |  |  |
| 63 | Trails and <br> Trailheads: <br> Pineywoods <br> Boardwalk Trail | $\begin{gathered} {[30.6642563} \\ , \\ -95.004998 \\ 2] \end{gathered}$ | The overgrown plants project less than 80 inches from the surface of the trail tread. Vertical clearance shall be 80 inches high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches high. The leading edge of such guardrail or barrier shall be located 27 inches maximum above the finish floor or ground. | Lacks 80 " vertical clearance due to plant overgrowth | Maintain overhead clearance of min 80 " | 2015 ABAAS Section: 307.4, 1017.9 |  |  |
| 64 | Trails and <br> Trailheads: <br> Pineywoods Boardwalk Trail | $\begin{aligned} & {[30.6649,} \\ & -95.0043] \end{aligned}$ | Element meets all standards and requirements | 2 of 2 benches are compliant | None | 2010 ADAS <br> Section: N/A |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 65 | Trails and <br> Trailheads: <br> Pineywoods <br> Boardwalk Trail | $\begin{aligned} & \hline[30.66506, \\ & -95.00356] \end{aligned}$ | There is no accessible route to the Butterfly Gardens (2) and benches (2). At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible route to two Butterfly Gardens and benches | Create an accessible route with crushed stone or other outdoor material from parking or walkway to Butterfly Gardens and benches. | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS <br> Section: <br> 206.2.2 <br> 2010 ADAS Section: 206.2.2 |  |  |
| 66 | Trails and <br> Trailheads: <br> Pineywoods Boardwalk Trail | $\begin{gathered} {[30.6643855} \\ , \\ -95.004912 \\ 4] \end{gathered}$ | There is a change in level greater than $1 / 4$ inch. $1 / 4$ inch is the maximum vertical rise. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at 1:2 or less. Changes in level greater than $1 / 2$ inch must be by way of a ramp. | CILs of .75" and $.75{ }^{\prime \prime}$ in doorways of Bird Blind | Repair, bevel or ramp CIL along AR to max .25" | 2015 ABAAS <br> Section: <br> 303.3 <br> 2012 TAS <br> Section: <br> 303.3 <br> 2010 ADAS <br> Section: 303.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 67 | Trails and <br> Trailheads: <br> Pineywoods Boardwalk Trail | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The 30 inches minimum by 48 inches minimum clear floor space required at the operable part is not flat ( $2 \%$ or $1: 48$ maximum slope) in all directions. Changes in level are not permitted at required clear floor or ground space except that slopes not steeper than 1:48 shall be permitted. | Slope of 8.2\% in Bird Blind | Correct or repair slope in CFS to max 2.08\% | 2015 ABAAS <br> Section: 305.2 <br> 2012 TAS Section: 305.2 <br> 2010 ADAS Section: 305.2 |  |  |
| 68 | Trails and <br> Trailheads: <br> Pineywoods Boardwalk Trai | $\begin{gathered} {[30.6652,} \\ -95.00326] \end{gathered}$ | Each distinct viewing location shall provide a viewing space adjacent to the clear ground space required by 1015.2 through which the point of interest is viewable. The viewing space shall be 32 inches ( 815 mm ) maximum and 51 inches ( 1295 mm ) minimum high above the ground and shall extend the full width of the clear ground space. EXCEPTION: Guards or similar safety barriers shall be permitted to obstruct the viewing space to the extent the obstruction is necessary for the guard or safety barrier to serve its intended purpose. | Bird Blind viewing window is more than 34" aff | Lower a 32" wide portion of railing to max 32 " for unobstructed viewing as a smart practice. | $\begin{aligned} & 2015 \text { ABAAS } \\ & \text { Section: } \\ & 1015.3, \\ & 1015.3 \\ & \text { EXCEPTION } \end{aligned}$ |  |  |
| 69 | Trails and <br> Trailheads: <br> Pineywoods <br> Boardwalk Trail | $\begin{aligned} & {[30.6652,} \\ & -95.00315] \end{aligned}$ | The walking surface is obstructed. A 36 inch minimum clear walking surface is required. | Bird Blind lacks $36 "$ wide minimum clear walking surface due to bench location | Remove obstruction for 36 " clear width along the AR. | 2015 ABAAS <br> Section: <br> 403.5.1 <br> 2012 TAS <br> Section: <br> 403.5.1 <br> 2010 ADAS Section: 403.5.1 |  | $\square$ |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 71 | Trails and <br> Trailheads: <br> Pineywoods Boardwalk Trail | $\begin{gathered} {[30.6644039} \\ , \\ -95.004912 \\ 4] \end{gathered}$ | The stairway handrails are not nearly compliant. The handrails have the following issues: - Installed at the incorrect height The bottom handrail extensions are missing or extend incorrectly - The top handrail extensions are missing or extend incorrectly - The handrail gripping surface is not the correct size - The handrail is not located with the correct spacing from the wall or adjacent surface - The handrails are obstructed. Handrails and their extensions must be between 34 inches and 38 inches above the stair nosing or ground. The top handrails shall extend a minimum of 12 inches beyond the top nosing and shall be parallel with the floor or ground surface. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The orientation of at least one handrail, including the extension, shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing. Handrail gripping surfaces with a circular cross section shall have an outside diameter of $1-1 / 4$ inches minimum and 2 inches maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and $61 / 4$ inches maximum, and a cross-section dimension of 2-1/4 inches maximum. The hand grip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top or sides) shall be uninterrupted by newel posts, other construction elements or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Handrails projecting from a wall shall have a space of $1-1 / 2$ inches minimum between the wall and the handrail. | 3 of 3 stairways handrails do not extend past top and bottom landing or have rounded ends, open risers, gaps, slopes, gripping surface has sharp edges | Replace three stairways with compliant treads and handrails. | 2015 ABAAS <br> Section: 505.1 <br> 2012 TAS Section: 505.1 <br> 2010 ADAS Section: 505.1 |  |  |



Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 72 | Trails and Trailheads: Pineywoods Boardwalk Trail | $\begin{array}{\|l\|} \hline[30.66512, \\ -95.00221] \end{array}$ | The clear floor space for the element is obstructed. The clear floor or ground space shall be 30 inches minimum by 48 inches minimum and free of obstructions. | Lacks clear floor space at birding sign | Relocate park signage to be along AR, with level 30 " by 48 " CFS for viewing. | 2015 ABAAS Section: 305.3 2012 TAS Section: 305.3 2010 ADAS Section: 305.3 |  |  |




| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 76 | Trails and <br> Trailheads: <br> Pineywoods <br> Boardwalk Trail | $\begin{gathered} {[30.6659751} \\ -95.000988 \\ 3] \end{gathered}$ | The surface of outdoor recreation access routes, passing spaces, and resting intervals shall be firm and stable | Lacks accessible route to picnic table | Provide an ORAR that is firm and stable as a smart practice. Replace picnic table with one of an accessible design. | 2015 ABAAS Section: 1016. 2 |  |  |
| 77 | Trails and <br> Trailheads: <br> Pineywoods <br> Boardwalk Trail | $\begin{gathered} {[30.6659957} \\ -95.000996 \\ 6] \end{gathered}$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches $(1220 \mathrm{~mm})$ minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Frog Pond and Picnic Area lacks picnic tables (0 of 2) of accessible design | Replace one picnic table with one of an accessible design as a smart practice | 2015 ABAAS Section: 1011.4.2 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |





Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351


Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 85 | $\begin{array}{\|c\|} \hline \text { Trails and } \\ \text { Trailheads: Trinity } \\ \text { Trace Trail } \end{array}$ | $\begin{aligned} & {[30.65693,} \\ & -95.00574] \end{aligned}$ | The surface of trails, passing spaces, and resting intervals shall be firm and stable | Lacks firm and stable surface | Replace surface of trail to be firm and stable as a smart practice. | 2015 ABAAS Section: 1017.2 |  |  |
| 86 | $\begin{array}{\|c\|} \hline \text { Trails and } \\ \text { Trailheads: Fo:si } \\ \text { Trail } \end{array}$ | [30.65742, -95.00117] | The surface of trails, passing spaces, and resting intervals shall be firm and stable | Lacks firm and stable surface | Replace surface of trail to be firm and stable as a smart practice. | 2015 ABAAS <br> Section: <br> 1017.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 87 | Hercules Club Loop: Hercules Club Loop Restroom Parking and Exterior Accessible Route | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | Element meets all standards and requirements | Parking lot complies with scoping - 4 standard stalls, 1 accessible | None | 2010 ADAS <br> Section: N/A |  |  |
| 88 | Hercules Club Loop: Hercules Club Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6520714} \\ -95.003630 \\ 3] \end{gathered}$ | The accessible parking stall is not wide enough. Each parking space must be at least 8 ' feet wide and shall be marked to define the width. The measurements of parking spaces and access aisles shall be made from the centerline of the markings. Where the parking space is not adjacent to another parking space or access aisle, the measurement shall be permitted to include the full width of the line defining the parking space. | Accessible parking stall $93.5^{\prime \prime}$ wide | Repaint stalls to be 8 ' wide each. | 2015 ABAAS <br> Section: <br> 502.2 <br> 2012 TAS <br> Section: <br> 502.2 <br> 2010 ADAS Section: 502.2 |  |  |
| 89 | Hercules Club Loop: Hercules Club Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6520414} \\ , \\ -95.003630 \\ 3] \end{gathered}$ | The van stall is missing a sign identifying it as a van accessible stall. Parking space identification signs shall include the International Symbol of Accessibility. Signs identifying van parking spaces shall contain the designation "van accessible." | The van stall is missing a sign identifying it as a van accessible stall | Add one van parking sign to van accessible stall and ensure stall and access aisle are $11^{\prime}$ and $5^{\prime}$ or $8^{\prime}$ and $8^{\prime}$ | 2015 ABAAS Section: 502.6 <br> 2012 TAS Section: 502.6 <br> 2010 ADAS Section: 502.6 |  |  |
| 90 | Hercules Club Loop: Hercules Club Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6521207} \\ , \\ -95.003617 \\ 1] \end{gathered}$ | The accessible route contains cross slopes greater than $2 \%$. Cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). | Cross slope of $3.6 \%$ on accessible route near parking stall access aisle | Correct or repair cross slope along AR to $\max 2.08 \%$ | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 91 | Hercules Club Loop: Hercules Club Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6521007} \\ , \\ -95.003637 \\ 1] \end{gathered}$ | There is a gap spaced greater than a $1 / 2$ inch. Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gaps of $1^{\prime \prime}, 1^{\prime \prime}$, and 5.5 " on accessible route near women's restroom | Correct or fill gaps to be max . 5 " | 2015 ABAAS Section: 302.3 2012 TAS Section: 302.3 2010 ADAS Section: 302.3 |  |  |
| 92 | Hercules Club Loop: Hercules Club Loop Restroom Parking and Exterior Accessible Route | $\left[\begin{array}{c} {[30.6520864} \\ -95.003641] \end{array}\right.$ | The angle of the water flow is to great from a spout located less than 3 inches from the front of the drinking fountain. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. | Water stream approximately 45 degrees | Adjust spout flow to max 30 degrees measured from the front of the unit | 2015 ABAAS Section: 602.6 <br> 2012 TAS Section: 602.6 <br> 2010 ADAS Section: 602.6 |  |  |
| 93 | Hercules Club Loop: Hercules Club Loop Restroom Parking and Exterior Accessible Route | $\begin{array}{\|c} {[30.6520806} \\ , \\ -95.003626 \\ 3] \end{array}$ | The drinking fountain projects more than 4 inches into the circulation path. Wallmounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Drinking fountain protrudes 16" | Relocate protruding objects or place cane detectable warning or bollard at foot of item. | 2015 ABAAS Section: 307.2 <br> 2012 TAS Section: 307.2 <br> 2010 ADAS Section: 307.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 94 | Hercules Club Loop: Hercules Club Loop Men's Restroom | $\begin{aligned} & {[30.6518303} \\ & , \\ & -95.003478 \\ & 7] \end{aligned}$ | The restroom sign does not comply with one or more applicable requirements for the location, height, and properties of the sign. | Sign lacks Braille, ISA, raised characters | Replace sign with one of contrasting colors that includes Braille, raised characters, and the symbol of accessibility and mount on the wall, latch side of the door, 48 " to the baseline of the lowest character and 60" to the baseline of the highest character. | 2015 ABAAS Section: F216.2, 703.1, 703.2, $703.5,703.6$ 2012 TAS Section: $216.2,703.1$, $703.2,703.5$, 703.6 2010 ADAS Section: $216.2,703.1$, $703.2,703.5$, 703.6 |  |  |
| 95 | Hercules Club Loop: Hercules Club Loop Men's Restroom | $\begin{array}{\|c} {[30.651806,} \\ -95.003439 \\ 8] \end{array}$ | The mirror is mounted too high. Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. | $\begin{aligned} & \text { Bottom edge of mirror } \\ & \text { at } 40.75^{\prime \prime} \end{aligned}$ | Lower mirror so bottom reflective surface is max 40 " AFF and 74 "at the top. | 2015 ABAAS Section: 603.3 2012 TAS Section: 603.3 2010 ADAS Section: 603.3 |  |  |
| 96 | Hercules Club Loop: Hercules Club Loop Men's Restroom | $\begin{aligned} & {[30.6517876} \\ & -95.003485 \\ & 4] \end{aligned}$ | The top rim of the lavatory or the counter is too high. All lavatories that are designated to be accessible shall be a minimum 17 inches in horizontal depth and mounted with the rim or counter edge no higher than 34 inches above the finished floor. | Sink rim at 34.5" | Lower sinks to max 34" AFF to front of rim. | 2015 ABAAS Section: 606.3 <br> 2012 TAS Section: 606.3 <br> 2010 ADAS Section: 606.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 97 | Hercules Club Loop: Hercules Club Loop Men's Restroom | $\begin{gathered} {[30.6517749} \\ -95.003457 \\ 3] \end{gathered}$ | There are not enough accessible toilet compartments. The room contains toilet compartments. A minimum of 1 must be wheelchair accessible. | Ambulatory stall only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights. | 2015 ABAAS <br> Section: <br> F213.3.1 <br> 2012 TAS <br> Section: <br> 213.3.1 <br> 2010 ADAS Section: 213.3.1 |  |  |
| 98 | Hercules Club Loop: Hercules Club Loop Men's Restroom | $\begin{gathered} {[30.6517818} \\ -9 \\ -95.003484 \\ 1] \end{gathered}$ | The stall door fails to comply with all of the door requirements. The stall door must be a minimum of 32 " wide and have compliant hardware on both sides. The stall door must be self-closing. | Stall lacks interior hardware and is not self-closing | Adjust stall door to be self-closing Replace stall hardware with hardware operable without a tight pinch or grasp on both sides of the stall door | 2015 ABAAS Section: 404.2.3, 404.2.7, 604.8.2.2 2012 TAS Section: 404.2.3, 404.2.7, 604.8.2.2 2010 ADAS Section: 404.2.3, 404.2.7, 604.8.2.2 |  |  |
| 99 | Hercules Club Loop: Hercules Club Loop Men's Restroom | $\begin{gathered} {[30.6517853} \\ , \\ -95.003453 \\ 3] \end{gathered}$ | The side grab bar is not long enough. The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall. A 42 inch grab bar installed the maximum distance from the rear wall ( 12 inches) will leave the leading end 54 inches from the rear wall. Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface. | Side grab bar on partition is $36^{\prime \prime}$ long | Replace side grab bar with a $42^{\prime \prime}$ long grab bar, mounted max $12^{\prime \prime}$ from the rear wall at the close end and min $54^{\prime \prime}$ on the far end and $33^{\prime \prime}$ to $36^{\prime \prime}$ AFF. | 2015 ABAAS Section: 604.5.1 <br> 2012 TAS Section: 604.5.1 <br> 2010 ADAS Section: 604.5.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100 | Hercules Club Loop: Hercules Club Loop Men's Restroom | $\begin{gathered} {[30.6517645} \\ , \\ -95.003474 \\ 7] \end{gathered}$ | The grab bar height and/or spacing fails. Grab bars must be mounted between 33 " and $36 "$ to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of 1.5 " of clearance below and minimum 12 "above the grab bar to any dispenser or other obstruction. | TP dispenser 5" above side grab bar and too close to toilet | Remount toilet paper dispenser max 7" to 9 " from front of toilet, 15 " to 48 " above the finished floor (AFF) and min 12" above or 1.5 " below grab bar. | 2015 ABAAS <br> Section: <br> 609.3, 609.4 <br> 2012 TAS Section: 609.4, 609.3 <br> 2010 ADAS Section: 609.3, 609.4 |  |  |
| 101 | Hercules Club Loop: Hercules Club Loop Men's Restroom | $\begin{gathered} {[30.6517726} \\ -95.003474 \\ 7] \end{gathered}$ | An item or items project more than 4 inches into the circulation path. Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Hand dryer protrudes 8.5" | Relocate protruding objects or place cane detectable warning or bollard at foot of item. | 2015 ABAAS Section: 307.2 2012 TAS Section: 307.2 2010 ADAS Section: 307.2 |  | 年 |
| 102 | Hercules Club Loop: Hercules Club Loop Men's Restroom | $\begin{gathered} {[30.6517691} \\ -95.003469 \\ 4] \end{gathered}$ | The accessible route contains running slopes greater than 5 percent and cross slopes greater than 2 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope). | Slope of $3.6 \%$ near floor drain | Correct or repair slope to max $2.08 \%$ in restroom. | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 103 | Hercules Club Loop: Hercules Club Loop Men's Restroom | $\begin{gathered} {[30.6517622} \\ , \\ -95.003461 \\ 3] \end{gathered}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. | men's- garbage can push side | Relocate obstacles to provide 48" maneuvering clearance around door. | 2015 ABAAS Section: 404.2.4.4, 404.2.4.1 2012 TAS Section: 404.2.4.4, 404.2.4.1 2010 ADAS Section: 404.2.4.4, 404.2.4.1 |  |  |
| 104 | Hercules Club Loop: Hercules Club Loop Men's Shower | $\begin{gathered} {[30.6518014} \\ , \\ -95.003504 \\ 2] \end{gathered}$ | The bench is not deep enough or long enough or is missing. Benches shall be provided having seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches ( 1065 mm ) long minimum and shall extend from a point 2 inches ( 51 mm ) maximum above the seat surface to a point 18 inches ( 455 mm ) minimum above the seat surface. Back support shall be $2^{11 / 2}$ inches ( 64 mm ) maximum from the rear edge of the seat measured horizontally. The top of the bench seat surface shall be 17 inches ( 430 mm ) minimum and 19 inches ( 485 mm ) maximum above the finish floor or ground. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench | Lacks bench : one is 11.5 " deep, another is 16.25" deep | Replace bench in dressing area with one having a seat depth of 20 " to $24^{\prime \prime}$ deep, $42^{\prime \prime}$ long, affixed to the wall or having a back and mounted $17^{\prime \prime}$ to 19 " AFF and provide required clear floor space on the short axis of the bench. | 2012 TAS Section: 903.4, 903.2, 903.3, 903.5 <br> 2010 ADAS Section: 903.4, 903.2, 903.3, 903.5 |  | $\underset{4}{\underset{4}{\text { Bench }}{ }_{4}{ }_{4}^{\text {min }}}$ |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 105 | Hercules Club Loop: Hercules Club Loop Men's Shower | $\begin{gathered} {[30.6517587} \\ -95.003465 \\ 3] \end{gathered}$ | Transfer type shower compartments shall be 36 inches ( 915 mm ) by 36 inches ( 915 mm ) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch ( 915 mm ) wide minimum entry on the face of the shower compartment. Clearance of 36 inches (915 mm ) wide minimum by 48 inches ( 1220 mm ) long minimum measured from the control wall shall be provided. | shower 36.5" deep | Renovate transfer shower to compliant 36" by 36 " clear inside dimension. In the alternative, leave as is citing construction tolerance. | 2015 ABAAS Section: 608.2 .1 2012 TAS Section: 608.2.1 2010 ADAS Section: 608.2.1 |  |  |
| 106 | Hercules Club Loop: Hercules Club Loop Men's Shower | $\begin{array}{\|c} \hline[30.651828, \\ -95.003506 \\ 9] \end{array}$ | Transfer type shower compartments shall be 36 inches ( 915 mm ) by 36 inches ( 915 mm ) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch ( 915 mm ) wide minimum entry on the face of the shower compartment. Clearance of 36 inches ( 915 mm ) wide minimum by 48 inches (1220 mm ) long minimum measured from the control wall shall be provided. | Lacks clear floor space on the exterior of the transfer shower due to bench location | Remove bench to provide appropriate CFS on the exterior of the transfer shower | 2015 ABAAS Section: 608.2.1 <br> 2012 TAS Section: 608.2.1 <br> 2010 ADAS Section: 608.2.1 |  |  |
| 107 | Hercules Club Loop: Hercules Club Loop Men's Shower | $\begin{gathered} {[30.6518383} \\ -95.003523] \end{gathered}$ | Shower controls are in the incorrect location In transfer type shower compartments, the controls, faucets, and shower spray unit shall be installed on the side wall opposite the seat 38 inches ( 965 mm ) minimum and 48 inches ( 1220 mm ) maximum above the shower floor and shall be located on the control wall 15 inches ( 380 mm ) maximum from the centerline of the seat toward the shower opening. | Diverter controls too close to back wall | Remount shower controls to the correct location in the transfer shower | 2015 ABAAS Section: 608.5.1 <br> 2012 TAS Section: 608.5.1 <br> 2010 ADAS Section: 608.5.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 108 | Hercules Club Loop: Hercules Club Loop Men's Shower | $\begin{gathered} {[30.6518037} \\ 0 \\ -95.003466 \\ 7] \end{gathered}$ | The shower seat does not have a compliant space between it and the wall. The folding seat must be mounted 17-19 inches above the floor, and have a maximum space of $1-1 / 2$ inches between the edge of the seat and the side wall and $2-1 / 2$ inches maximum to the seat wall. | The shower seat 14.75 " and $21.25^{\prime \prime}$ from seat wall | Remount shower seat to the correct location and height in the shower | 2015 ABAAS Section: 610.3.2 <br> 2012 TAS Section: 610.3.2 <br> 2010 ADAS Section: 610.3.2 |  |  |
| 109 | Hercules Club Loop: Hercules Club Loop Women's Restroom | $\begin{gathered} {[30.6517841} \\ , \\ -95.003488 \\ 1] \end{gathered}$ | The mirror is mounted too high. Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. | Bottom edge of reflecting surface of mirror is 44.25 aff | Lower mirror so reflective surface is max 40 " aff | 2015 ABAAS Section: 603.3 <br> 2012 TAS Section: 603.3 <br> 2010 ADAS Section: 603.3 |  |  |
| 110 | Hercules Club Loop: Hercules Club Loop Women's Restroom | $\begin{array}{\|c} \hline[30.651813, \\ -95.003504 \\ 2] \end{array}$ | The top rim of the sink is too high. All lavatories/sinks that are designated to be accessible shall be a minimum 17 inches in horizontal depth and mounted with the rim or counter edge no higher than 34 inches above the finished floor. | The top rim of the sink is 34.25 " aff | Lower sinks to max $34^{\prime \prime}$ aff to front of rim, in the alternative, leave as is citing construction tolerance. | 2015 ABAAS Section: 606.3 <br> 2012 TAS Section: 606.3 <br> 2010 ADAS Section: 606.3 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 113 | Hercules Club Loop: Hercules Club Loop Women's Restroom | $\begin{gathered} {[30.6517099} \\ , \\ -95.003451 \\ 7] \end{gathered}$ | Grab bars shall comply with 609. A side-wall grab bar complying with 604.5 . 1 shall be provided on both sides of the compartment. The space between the wall and the grab bar shall be $11 / 2$ inches ( 38 mm ). The space between the grab bar and projecting objects below and at the ends shall be $11 / 2$ inches $(38 \mathrm{~mm})$ minimum. The space between the grab bar and projecting objects above shall be 12 inches ( 305 mm ) minimum. Grab bars shall be installed in a horizontal position, 33 inches ( 840 mm ) minimum and 36 inches ( 915 mm ) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches ( 455 mm ) minimum and 27 inches ( 685 mm ) max | Side grab bar 36" long | Replace or add side grab bars with a 42" long grab bar, mounted max $12^{\prime \prime}$ from the rear wall at the close end and $\min 54$ " on the far end and $33^{\prime \prime}$ to $36^{\prime \prime}$ aff | 2015 ABAAS Section: 604.8.2.3, 609.3, 609.4 2012 TAS Section: 609.4, 609.3, 604.8.2.3 2010 ADAS Section: 609.3, 609.4, 604.8.2.3 |  |  |
| 114 | Hercules Club Loop: Hercules Club Loop Women's Restroom | $\begin{gathered} {[30.6517484} \\ 0 \\ -95.003496 \\ 2] \end{gathered}$ | The grab bar height and/or spacing fails. Grab bars must be mounted between $33^{\prime \prime}$ and $36 "$ to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of 1.5 " of clearance below and minimum 12" above the grab bar to any dispenser or other obstruction. | Gripping surface of grab bar is 36.75 " aff, TP 5" above bar | Remount grab bars in accessible stall to $33^{\prime \prime}$ to $36^{\prime \prime}$ aff Remount toilet paper dispenser $\max 7^{\prime \prime}$ to $9^{\prime \prime}$ from front of toilet, $15^{\prime \prime}$ to $48^{\prime \prime}$ aff and min 12" above or 1.5 " below grab bar | 2015 ABAAS <br> Section: <br> 609.3, 609.4 <br> 2012 TAS <br> Section: <br> 609.4, 609.3 <br> 2010 ADAS Section: 609.3, 609.4 |  |  |
| 115 | Hercules Club Loop: Hercules Club Loop Women's Restroom | $\begin{gathered} {[30.6517507} \\ , \\ -95.003462 \\ 6] \end{gathered}$ | The hand dryer projects more than 4 inches into the circulation path. Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Hand dryer protrudes 5.5" | Relocate protruding objects or place cane detectable warning or bollard at foot of item. | 2015 ABAAS Section: 307.2 <br> 2012 TAS Section: 307.2 <br> 2010 ADAS Section: 307.2 |  | 18 |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 116 | Hercules Club Loop: Hercules Club Loop Women's Restroom | $\begin{gathered} {[30.6517061} \\ , \\ -95.003423 \\ 4] \end{gathered}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. The sweep period for doors with closers shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door. Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. | Restroom door has slope of $5.1 \%$, 10\# push, fast close | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors For all doors along the public circulation route, inspect, adjust, and maintain closing speed on door closers For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice | $\begin{gathered} \text { 2010 ADAS } \\ \text { Section: } \\ \text { 404.2.3, } \\ \text { 404.2.7, } \\ \text { 404.2.4, } \\ \text { 404.2.11, } \\ \text { 404.2.11 } \\ \text { Exception } \end{gathered}$ |  |  |
| 117 | Hercules Club Loop: Hercules Club Loop Women's Shower | $\begin{gathered} {[30.6517068} \\ -95.003433 \\ 1] \end{gathered}$ | The bench is not deep enough or long enough or is missing. Benches shall be provided having seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches ( 1065 mm ) long minimum and shall extend from a point 2 inches ( 51 mm ) maximum above the seat surface to a point 18 inches ( 455 mm ) minimum above the seat surface. Back support shall be $2^{1 / 2} 2$ inches ( 64 mm ) maximum from the rear edge of the seat measured horizontally. The top of the bench seat surface shall be 17 inches ( 430 mm ) minimum and 19 inches $(485 \mathrm{~mm})$ maximum above the finish floor or ground. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench | Lacks bench: one is $11.5^{\prime \prime}$ deep, another is 16.25 " deep | Replace bench in dressing area with one having a seat depth of 20 " to $24^{\prime \prime}$ deep, $42^{\prime \prime}$ long, affixed to the wall or having a back and mounted $17^{\prime \prime}$ to 19" AFF and provide required clear floor space on the short axis of the bench. | 2012 TAS Section: 903.4, 903.2, 903.3, 903.5 <br> 2010 ADAS Section: 903.4, 903.2, 903.3, 903.5 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 118 | Hercules Club Loop: Hercules Club Loop Women's Shower | $\left[\begin{array}{l} {[30.6516791} \\ -95.003409] \end{array}\right.$ | Transfer type shower compartments shall be 36 inches ( 915 mm ) by 36 inches ( 915 mm ) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch ( 915 mm ) wide minimum entry on the face of the shower compartment. Clearance of 36 inches ( 915 mm ) wide minimum by 48 inches (1220 mm ) long minimum measured from the control wall shall be provided. | Lacks clear floor space on the exterior of the transfer shower due to bench location | Remove bench to provide appropriate CFS on the exterior of the transfer shower | 2015 ABAAS <br> Section: <br> 608.2.1 <br> 2012 TAS <br> Section: <br> 608.2.1 <br> 2010 ADAS Section: 608.2.1 |  |  |
| 119 | Hercules Club Loop: Hercules Club Loop Women's Shower | $\begin{gathered} {[30.6518222} \\ , \\ -95.003497 \\ 5] \end{gathered}$ | Shower controls are in the incorrect location In transfer type shower compartments, the controls, faucets, and shower spray unit shall be installed on the side wall opposite the seat 38 inches ( 965 mm ) minimum and 48 inches ( 1220 mm ) maximum above the shower floor and shall be located on the control wall 15 inches ( 380 mm ) maximum from the centerline of the seat toward the shower opening. | Diverter closer too close to back wall | Remount shower controls to the correct location in the transfer shower | 2015 ABAAS <br> Section: <br> 608.5.1 <br> 2012 TAS Section: 608.5.1 <br> 2010 ADAS Section: 608.5.1 |  |  |
| 120 | Hercules Club Loop: Hercules Club Loop Women's Shower | $\begin{gathered} {[30.6516999} \\ -95.003439 \\ 8] \end{gathered}$ | Where a seat is provided in a standard rollin shower compartment, it shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3 inches $(75 \mathrm{~mm})$ of the compartment entry. Where a seat is provided in an alternate roll-in type shower compartment, it shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches ( 75 mm ) of the compartment entry. In transfer-type showers, the seat shall extend from the back wall to a point within 3 inches ( 75 mm ) of the compartment entry. The top of the seat shall be 17 inches (430 mm ) minimum and 19 inches ( 485 mm ) maximum above the bathroom finish floor. Seats shall comply with 610.3.1 or 610.3.2 | The shower seat $5^{\prime \prime}$ from compartment entry | Remount shower seat to be within 3 " of the front of the compartment. | 2015 ABAAS Section: 610.3 <br> 2012 TAS Section: 610.3 <br> 2010 ADAS Section: 610.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 121 | Hercules Club Loop: Hercules Club Loop Women's Shower | [30.6517368 <br> -95.003457 <br> 3] | The shower seat does not have a compliant space between it and the wall. The folding seat must be mounted 17-19 inches above the floor, and have a maximum space of $1-1 / 2$ inches between the edge of the seat and the side wall and $2-1 / 2$ inches maximum to the seat wall. | The shower seat lacks required dimensions and spacing between it and the wall | Remount shower seat to the correct location and height in the shower. See pricing in previous finding. | 2015 ABAAS Section: 610.3.2 2012 TAS Section: 610.3.2 <br> 2010 ADAS Section: 610.3.2 |  | $=\square$ |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 122 | Piney Shores: Piney Shores Restroom Parking | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | There are no van accessible parking stalls. 1 in every 6, minimum of one, required accessible stalls must be a van accessible stall. There are a total of 5 parking stalls in the parking lot that could be reasonably associated with this facility. There should be a minimum of 1 accessible stalls with a minimum of 1 being designed as van accessible. | access aisle is $90.75^{\prime \prime}$ for a van accessible parking space | Add van parking sign to 1 accessible stall and repaint stall and access aisle to 11 ' and $5^{\prime}$ or 8 ' and $8^{\prime}$ per the table. | 2015 ABAAS Section: F208.2, F208.2.4 2012 TAS Section: 208.2, 208.2.4 2010 ADAS Section: 208.2, 208.2.4 |  |  |
| 123 | Piney Shores: Piney Shores Restroom Parking | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | The cross slopes (narrow dimension) and/or running slopes (long dimension) of the access aisle exceeds $2 \%$. The running slope and the cross slope in an accessible parking stall and the access aisle must not exceed $2 \%$. | Slopes of $3.9 \%$ at head and $2.5 \%$ at middle of stall, 3.9\% at head and $2.5 \%$ at middle of access aisle | Repair or correct slope of parking space and access aisle to max $2.08 \%$ in any direction | 2015 ABAAS Section: 502.4 <br> 2012 TAS Section: 502.4 <br> 2010 ADAS Section: 502.4 |  |  |






| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 131 | Piney Shores: Piney Shores Men's Restroom | $\left[\begin{array}{l} {[30.6530105} \\ ,-95.00668] \end{array}\right.$ | The mirror is mounted too high. Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. | Bottom edge of reflecting surface of mirror is 43.75 " aff and top edge of reflecting surface is 73 aff | Replace mirror mount to max 40" AFF to the bottom reflective surface and 74 " to the top. | 2015 ABAAS Section: 603.3 <br> 2012 TAS Section: 603.3 <br> 2010 ADAS Section: 603.3 |  |  |
| 132 | Piney Shores: Piney Shores Men's Restroom | $\begin{gathered} {[30.6529875} \\ , \\ -95.006681 \\ 3] \end{gathered}$ | Knee clearance at 27 inches off the floor is not 8 inches minimum deep. The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches. | Sink lacks 8" deep knee clearance, only 5.5" | Remove face board to provide 8" deep knee clearance. | 2015 ABAAS Section: 306.3.1, 306.3.2, 306.3., 306.3.4, 306.3.5 2012 TAS Section: 306.3.2, 306.3.3, 306.3.4, 306.3.5, 306.3.1 2010 ADAS Section: 306.3.3, 306.3.2, 306.3.4, 306.3.5, 306.3.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 133 | Piney Shores: Piney Shores Men's Restroom | $\begin{gathered} {[30.6529978} \\ - \\ -95.006681 \\ 3] \end{gathered}$ | The top rim of the sink is too high. All lavatories/sinks that are designated to be accessible shall be a minimum 17 inches in horizontal depth and mounted with the rim or counter edge no higher than 34 inches above the finished floor. | The top rim of the sink is 34.25 " aff | Lower sinks to max $34^{\prime \prime}$ aff to front of rim, in the alternative, leave as is citing construction tolerance | 2015 ABAAS <br> Section: 606.3 <br> 2012 TAS Section: 606.3 <br> 2010 ADAS Section: 606.3 |  |  |
| 134 | Piney Shores: Piney Shores Men's Restroom | $\begin{gathered} {[30.6529967} \\ -95.006689 \\ 3] \end{gathered}$ | The water and drain pipes under the lavatory are not adequately insulated. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | Wood panel to be removed for knee clearance, unknown if sink pipes are insulated | Remove wood panel to provide knee clearance and insulate exposed pipes under one sink | 2015 ABAAS Section: 606.5 <br> 2012 TAS Section: 606.5 <br> 2010 ADAS Section: 606.5 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 135 | Piney Shores: Piney Shores Men's Restroom | $\begin{gathered} {[30.6529955} \\ , \\ -95.006693 \\ 4] \end{gathered}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches ( 610 mm ) maximum. The high side reach shall be 48 inches ( 1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser 51.25" aff over sink | Lower soap dispenser to max 44" aff for a forward reach over the sink. | 2015 ABAAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2012 TAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2010 ADAS <br> Section: <br> 308.2.1, <br> 308.3.2 |  |  |
| 136 | Piney Shores: Piney Shores Men's Restroom | $\begin{gathered} {[30.6529875} \\ , \\ -95.006709 \\ 5] \end{gathered}$ | There are not enough accessible toilet compartments. The room contains several toilet compartments. A minimum of 1 must be wheelchair accessible . | Lacks wheelchair stall, ambulatory only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights. | 2015 ABAAS <br> Section: <br> F213.3.1 <br> 2012 TAS <br> Section: <br> 213.3.1 <br> 2010 ADAS Section: 213.3.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 137 | Piney Shores: Piney Shores Men's Restroom | $\left[\begin{array}{c} {[30.6529898} \\ -95.006702 \\ 8] \end{array}\right.$ | The stall door fails to comply with all of the door requirements. The stall door must be a minimum of 32 " wide and have compliant hardware on both sides. The stall door must be self-closing. | Lacks self-closing door | Adjust stall door to be self-closing. | 2015 ABAAS Section: 404.2.3, 404.2.7, 604.8.2.2 2012 TAS Section: 404.2.3, 404.2 .7, 604.8.2.2 2010 ADAS Section: 404.2.3, 404.2 .7, 604.8.2.2 |  |  |
| 138 | Piney Shores: Piney Shores Men's Restroom | $\begin{gathered} {[30.652984,} \\ -95.006696 \\ 1] \end{gathered}$ | The grab bar height and/or spacing fails. Grab bars must be mounted between 33 " and 36 " to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of 1.5 " of clearance below and minimum 12 " above the grab bar to any dispenser or other obstruction. | Toilet paper dispenser 6" above grab bar and too close to toilet | Remount toilet paper dispenser max 7" to 9 " from front of toilet, 15 " to 48 " aff and min 12 " above or 1.5 " below grab bar | 2015 ABAAS <br> Section: <br> 609.3, 609.4 <br> 2012 TAS <br> Section: <br> 609.4, 609.3 <br> 2010 ADAS <br> Section: <br> 609.3, 609.4 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 139 | Piney Shores: Piney Shores Men's Restroom | $\begin{gathered} {[30.6529909} \\ -95.006700 \\ 1] \end{gathered}$ | There is insufficient turning space within this room or space. The space required for a wheelchair to make a 180-degree turn is a clear space of 60 inches in diameter or a Tshaped space. | Lacks sufficient turning space within this room or space due to garbage can location | Relocate obstacles to create turning space in restroom. | 2015 ABAAS <br> Section: <br> 304.3.1, <br> 304.3.2 <br> 2012 TAS <br> Section: <br> 304.3.1, <br> 304.3.2 <br> 2010 ADAS <br> Section: <br> 304.3.1, <br> 304.3.2 |  |  |
| 140 | Piney Shores: Piney Shores Men's Restroom | $\begin{gathered} {[30.6529898} \\ -95.006690 \\ 7] \end{gathered}$ | The hand dryer projects more than 4 inches into the circulation path. Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Hand dryer protrudes 8" | Relocate protruding objects or place cane detectable warning or bollard at foot of item. | 2015 ABAAS Section: 307.2 <br> 2012 TAS Section: 307.2 <br> 2010 ADAS Section: 307.2 |  | $\qquad$ |
| 141 | Piney Shores: Piney Shores Men's Restroom | $\begin{gathered} {[30.6529909} \\ -95.006712 \\ 1] \end{gathered}$ | Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch $(13 \mathrm{~mm})$ diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gap of 4.25 " at floor drain | Fill and maintain gaps to max . ${ }^{\prime \prime}$. | 2015 ABAAS <br> Section: <br> 302.3 <br> 2012 TAS <br> Section: <br> 302.3 <br> 2010 ADAS Section: 302.3 |  |  |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 142 | Piney Shores: Piney Shores Women's Restroom | $\begin{array}{\|c} {[30.652999,} \\ -95.006705 \\ 4] \end{array}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. <br> Maneuvering clearances shall have a max slope of $2.08 \%$. Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. | Door - Gap of 1" in doorway, 25\# push | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, fill gaps at door entries to max .5". For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice. | 2010 ADAS Section: 404.2.3, 404.2.7, 404.2.4, 404.2.11, 404.2.11 Exception |  |  |
| 143 | Piney Shores: <br> Piney Shores Women's Restroom | $\left[\begin{array}{c} {[30.6529805} \\ -95.006688] \end{array}\right.$ | The mirror is mounted too high. Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. | Bottom edge of reflecting surface of mirror is 47.75 " aff | Lower mirror so reflective surface is max 40" aff | 2015 ABAAS Section: 603.3 <br> 2012 TAS Section: 603.3 <br> 2010 ADAS Section: 603.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 144 | Piney Shores: Piney Shores Women's Restroom | $\begin{array}{\|c} \hline[30.652999, \\ -95.006693 \\ 4] \end{array}$ | Knee clearance at 27 inches off the floor is not 8 inches minimum deep. The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches. | Sink knee clearance 5.5" | Remove face board to provide 8" deep knee clearance. | 2015 ABAAS Section: 306.3.1, 306.3.2, 306.3.3, 306.3.4, 306.3.5 2012 TAS Section: 306.3.2, 306.3.3, 306.3.4, 306.3.5, 306.3.1 2010 ADAS Section: 306.3.3, 306.3.2, 306.3.4, 306.3.5, 306.3.1 |  |  |
| 145 | Piney Shores: Piney Shores Women's Restroom | $\begin{gathered} {[30.6529955} \\ -95.006710 \\ 8] \end{gathered}$ | The top rim of the sink is too high. All lavatories/sinks that are designated to be accessible shall be a minimum 17 inches in horizontal depth and mounted with the rim or counter edge no higher than 34 inches above the finished floor. | The top rim of the sink is 34.5 " aff | Lower sinks to max 34 " aff to front of rim. | 2015 ABAAS <br> Section: <br> 606.3 <br> 2012 TAS <br> Section: <br> 606.3 <br> 2010 ADAS <br> Section: 606.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 146 | Piney Shores: <br> Piney Shores Women's Restroom | $\begin{gathered} {[30.6529978} \\ -95.006694 \\ 7] \end{gathered}$ | The water and drain pipes under the lavatory are not adequately insulated. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | Wood panel to be removed for knee clearance, unknown if sin pipes are insulated | Remove wood panel to provide knee clearance and insulate exposed pipes under one sink. | 2015 ABAAS Section: 606.5 <br> 2012 TAS Section: 606.5 <br> 2010 ADAS Section: 606.5 |  |  |
| 147 | Piney Shores: <br> Piney Shores Women's Restroom | $\begin{array}{\|c} {[30.6529932} \\ 0 \\ -95.006698 \\ 7] \end{array}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches ( 610 mm ) maximum. The high side reach shall be 48 inches (1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches ( 1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser 53" aff over sink | Lower soap dispenser to max $44^{\prime \prime}$ aff for a forward reach over the sink. | 2015 ABAAS Section: 308.2.1, 308.3.2 2012 TAS Section: 308.2.1, 308.3.2 2010 ADAS Section: 308.2.1, 308.3.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 148 | Piney Shores: Piney Shores Women's Restroom | $\begin{gathered} {[30.6529955} \\ -95.006700 \\ 1] \end{gathered}$ | There are not enough accessible toilet compartments. The room contains several toilet compartments. A minimum of 1 must be wheelchair accessible . | Lacks wheelchair stall, ambulatory only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights. | 2015 ABAAS <br> Section: <br> F213.3.1 <br> 2012 TAS <br> Section: <br> 213.3.1 <br> 2010 ADAS Section: 213.3.1 |  |  |
| 149 | Piney Shores: <br> Piney Shores Women's Restroom | $\begin{gathered} {[30.6529944} \\ , \\ -95.006696 \\ 1] \end{gathered}$ | The stall door fails to comply with all of the door requirements. The stall door must be a minimum of 32 " wide and have compliant hardware on both sides. The stall door must be self-closing. | Lacks self-closing door | Adjust stall door to be self-closing | 2015 ABAAS <br> Section: <br> 404.2.3, <br> 404.2.7, <br> 604.8.2.2 <br> 2012 TAS <br> Section: <br> 404.2.3, <br> 404.2.7, <br> 604.8.2.2 <br> 2010 ADAS <br> Section: <br> 404.2.3, <br> 404.2.7, <br> 604.8.2.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 150 | Piney Shores: Piney Shores Women's Restroom | $\begin{gathered} {[30.6529863} \\ -95.006689 \\ 3] \end{gathered}$ | The grab bar height and/or spacing fails. Grab bars must be mounted between 33" and 36 " to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of 1.5 " of clearance below and minimum 12" above the grab bar to any dispenser or other obstruction. | Toilet paper dispenser 5" above grab bar and too close to toilet | Remount toilet paper dispenser max 7" to 9 " from front of toilet, 15 " to 48 " aff and min 12 " above or 1.5 " below grab bar | 2015 ABAAS <br> Section: <br> 609.3, 609.4 <br> 2012 TAS <br> Section: <br> 609.4, 609.3 <br> 2010 ADAS <br> Section: <br> 609.3, 609.4 |  |  |
| 151 | Piney Shores: <br> Piney Shores Women's Restroom | $\begin{gathered} {[30.6529932} \\ , \\ -95.006694 \\ 7] \end{gathered}$ | There is insufficient turning space within this room or space. The space required for a wheelchair to make a 180 -degree turn is a clear space of 60 inches in diameter or a Tshaped space. | Lacks sufficient turning space within this room or space due to garbage can location | Relocate obstacles to create turning space in restroom | 2015 ABAAS <br> Section: <br> 304.3.1, <br> 304.3.2 <br> 2012 TAS <br> Section: <br> 304.3.1, <br> 304.3.2 <br> 2010 ADAS <br> Section: <br> 304.3.1, <br> 304.3.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 152 | Piney Shores: Piney Shores Women's Restroom | $\begin{gathered} {[30.6530059} \\ -95.006689 \\ 3] \end{gathered}$ | The hand dryer projects more than 4 inches into the circulation path. Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Hand dryer protrudes $8 "$ | Relocate protruding objects or place cane detectable warning or bollard at foot of item. | 2015 ABAAS Section: 307.2 <br> 2012 TAS Section: 307.2 <br> 2010 ADAS Section: 307.2 |  | 正 |
| 153 | Piney Shores: <br> Piney Shores Women's Restroom | $\begin{gathered} {[30.6530001} \\ , \\ -95.006697 \\ 4] \end{gathered}$ | The accessible route contains running slopes greater than 5 percent and cross slopes greater than 2 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope). | Slope of $2.8 \%$ near floor drain | Correct or repair slope to max 2.08\%. | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |
| 154 |  |  |  |  |  |  |  |  |
|  | Piney Shores: Shelter Area Parking | $\begin{gathered} {[30.6525225} \\ -95.006962 \\ 9] \end{gathered}$ | There are no van accessible parking stalls. 1 in every 6, minimum of one, required accessible stalls must be a van accessible stall. There are a total of 25 parking stalls in the parking lot that could be reasonably associated with this facility. There should be a minimum of 1 accessible stall with a minimum of 1 being designed as van accessible. | access aisle 92", too narrow for a van accessible parking space | Add van parking sign to 1 accessible stall and repaint stall and access aisle to 11' and $5^{\prime}$ or $8^{\prime}$ and $8^{\prime}$. | 2015 ABAAS Section: F208.2, F208.2.4 |  | 프․․ $=$ <br> $\vdots$ $\vdots$ <br> $\vdots$ $\vdots$ |
|  |  |  |  |  |  | 2012 TAS Section: 208.2, 208.2.4 <br> 2010 ADAS Section: 208.2, 208.2.4 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 158 | Piney Shores: Piney Shores Screened Shelter - 1 | $\begin{gathered} {[30.6526021} \\ \dot{\prime} \\ -95.007122 \\ 5] \end{gathered}$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches $(1220 \mathrm{~mm})$ minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Picnic table toe clearance only 9" deep | Replace picnic table with one of an accessible design as a smart practice | 2015 ABAAS Section: 1011.4.2 |  |  |
| 159 | Piney Shores: Piney Shores Screened Shelter - 1 | $\left[\begin{array}{c} {[30.6525813} \\ -95.007144] \end{array}\right.$ | There is a gap spaced greater than a $1 / 2$ inch. Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gap of 1 " on route to shelter | Correct or fill gaps to be max . 5 " | 2015 ABAAS <br> Section: <br> 302.3 <br> 2012 TAS <br> Section: <br> 302.3 <br> 2010 ADAS Section: 302.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 160 | Piney Shores: Piney Shores Screened Shelter - 1 | $\begin{gathered} {[30.6525652} \\ -95.007004 \\ 5] \end{gathered}$ | An accessible access route is not provided between elements, spaces and the facilities provided within the accessible camping unit. At least one outdoor recreation access route shall connect accessible elements, spaces and facilities provided within camping units with mobility features. | Lacks route to picnic table | Create AR with crushed and compacted stone or similar outdoor material to camp sites and one of each type of amenity. | 2015 ABAAS <br> Section: <br> F244.5.1 |  |  |
| 161 | Piney Shores: Piney Shores Screened Shelter - 1 | $\begin{gathered} {[30.6525675} \\ -95.006997 \\ 8] \end{gathered}$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches $(1220 \mathrm{~mm})$ minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Picnic table toe clearance only 9" deep | Replace picnic table with one of an accessible design as a smart practice | 2015 ABAAS Section: 1011.4.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 162 | Piney Shores: Piney Shores Screened Shelter - 1 | $\begin{gathered} {[30.6525537} \\ -\quad \\ -95.007047 \\ 4] \end{gathered}$ | 36 inches ( 915 mm ) by 48 inches (1220 mm ) positioned near the bench with one side of the space adjoining an outdoor recreation access route or trail, as applicable The clear ground space shall not overlap the outdoor recreation access route or trail, or another clear ground space | Lacks clear ground space adjacent to the bench | Construct firm, stable, and slip resistant pads at least 36 " by 48 " adjacent to $20 \%$ of benches, and locate along an AR as a smart practice | 2015 ABAAS <br> Section: <br> 1011.2, <br> 1011.2.1 |  |  |
| 163 | Piney Shores: Piney Shores Screened Shelter - 1 | $\begin{gathered} {[30.6525952} \\ , \\ -95.007068 \\ 9] \end{gathered}$ | Fire building surfaces shall be 9 inches (230 mm ) minimum above the ground. | Fire building surface 2.5" above surrounding ground level | Correct fire building surface to be 9 " min above the ground as a smart practice. In the alternative, replace fire ring with a compliant accessible fire ring. | 2015 ABAAS Section: 1011.5.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 164 | Piney Shores: Piney Shores Screened Shelter - 1 | $\begin{gathered} {[30.6525975} \\ -95.007068 \\ 9] \end{gathered}$ | Water spouts at water hydrants and water utility hook-ups shall be 28 inches ( 710 mm ) minimum and 36 inches ( 915 mm ) maximum above the ground | Water spout is 24 " above ground level | Remount water spouts to 28 " min or 36 " max above the ground as a smart practice | 2015 ABAAS Section: 1011.6 |  |  |
| 165 | Piney Shores: Piney Shores Screened Shelter - 1 | $\begin{gathered} {[30.6525929} \\ -95.007095 \\ 7] \end{gathered}$ | The surface of the route to and into the picnic area or shelter must be firm and stable. | Lacks firm and stable surface in picnic area due to a gap of 12" and uneven concrete surface | Replace or correct surface to be firm and stable. | 2015 ABAAS <br> Section: 1016.1, 1016.1 <br> EXCEPTION <br> S 1, 1016.1 <br> EXCEPTION <br> S 2, 1016.1 <br> EXCEPTION <br> S 3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 166 | Piney Shores: Piney Shores Screened Shelter - 1 | $\begin{gathered} {[30.6525767} \\ \dot{\prime} \\ -95.007079 \\ 6] \end{gathered}$ | The ramps slope exceeds the maximum running slope (direction of travel) allowable of $8.33 \%$. Ramps should have the least possible slope but in no case more than 8.3\% (1:12). | Entry Ramp - Slope of $10.4 \%$ on last section of ramp | Correct slope of ramp to max 8.33\% | 2015 ABAAS Section: 405.2 <br> 2012 TAS Section: 405.2 <br> 2010 ADAS Section: 405.2 |  |  |
| 167 | Piney Shores: Piney Shores Screened Shelter - 1 | $\left[\begin{array}{c} {[30.6525987} \\ -95.007079 \\ 6] \end{array}\right.$ | The ramp does not have compliant handrails. Handrails are required on both sides of all surfaces that are sloped greater than 5 percent (1:20). Handrails must be between 34 inches and 38 inches above the ramp surface, must extend beyond the top and bottom of the ramp 12 inches and be parallel to the floor or ground surface. The diameter of the handrails must be between 1 inches and 2 inches in cross-sectional nominal dimension for circular handrails and handrail gripping surfaces with a noncircular cross section shall have a perimeter dimension of 4 inches minimum and 6 inches maximum, and a cross-section dimension of 2 inches maximum. The clear space between handrails and walls must $1-1 / 2$ inches minimum. | Entry Ramp - lacks compliant handrails | Install handrails that are rounded and/or extend to the ground, with handrail extensions and mounted 34 " to 38 " aff. | 2015 ABAAS <br> Section: <br> 505.1 <br> 2012 TAS <br> Section: <br> 505.1 <br> 2010 ADAS Section: 505.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 168 | Piney Shores: Piney Shores Screened Shelter - 1 | $\begin{gathered} {[30.6525906} \\ , \\ -95.007101 \\ 1] \end{gathered}$ | The ramp run has not been provided with edge protection. The floor or ground surface of the ramp run or landing shall extend 12 inches minimum beyond the inside face of a handrail or a curb or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface. | edge protection at 4.5" above ramp surface | Install rail along bottom edge of ramp that prevents a 4" sphere from passing through. | 2015 ABAAS Section: 405.9, 405.9.1, 405.9.2 2012 TAS Section: 405.9.1, 405.9.2, 405.9 2010 ADAS Section: 405.9.2, 405.9.1, 405.9 |  |  |
| 169 | Piney Shores: Piney Shores Screened Shelter - 1 | $\begin{gathered} \hline[30.652579, \\ -95.007068 \\ 9] \end{gathered}$ | The stairway handrails are not nearly compliant. The handrails have the following issues: - Installed at the incorrect height The bottom handrail extensions are missing or extend incorrectly - The top handrail extensions are missing or extend incorrectly - The handrail gripping surface is not the correct size - The handrail is not located with the correct spacing from the wall or adjacent surface - The handrails are obstructed. Handrails and their extensions must be between 34 inches and 38 inches above the stair nosing or ground. The top handrails shall extend a minimum of 12 inches beyond the top nosing and shall be parallel with the floor or ground surface. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The orientation of at least one handrail, including the extension, shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing. Handrail gripping surfaces with a | stairway lacks compliant handrails | Install handrails on both sides of stairway, mounted 34 " to 38 " aff with top and bottom extensions and having a $1.25^{\prime \prime}-2^{\prime \prime}$ in diameter, or a non-circular grip that has a perimeter dimension of 4 "- 6.25 " max with a $\min$ gap of $1.5^{\prime \prime}$ between handrail and wall | 2015 ABAAS Section: 505.1 2012 TAS Section: 505.1 2010 ADAS Section: 505.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | circular cross section shall have an outside diameter of $1-1 / 4$ inches minimum and 2 inches maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and $61 / 4$ inches maximum, and a cross-section dimension of 2-1/4 inches maximum. The hand grip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top or sides) shall be uninterrupted by newel posts, other construction elements or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Handrails projecting from a wall shall have a space of $1-1 / 2$ inches minimum between the wall and the handrail. |  |  |  |  |  |
| 170 | Piney Shores: Piney Shores Screened Shelter - 1 | [30.6525939 $-95.007110$ <br> 1] | There is a gap spaced greater than a $1 / 2$ inch. Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gaps of 1.75", 1.75", $1.5^{\prime \prime}$, 2", and 7.25 " on route to shelter. | Correct or fill gaps to be max .5" | 2015 ABAAS Section: 302.3 <br> 2012 TAS Section: 302.3 <br> 2010 ADAS Section: 302.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 173 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{gathered} {[30.6525237} \\ -95.007212 \\ 4] \end{gathered}$ | Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch $(13 \mathrm{~mm})$ diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gap of 1" at door | Fill and maintain gaps to max ..$^{\prime \prime}$. | 2015 ABAAS <br> Section: <br> 302.3 <br> 2012 TAS <br> Section: <br> 302.3 <br> 2010 ADAS Section: 302.3 |  |  |
| 174 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{array}{\|c} \hline[30.652526, \\ -95.007213 \\ 7] \end{array}$ | The ramps slope exceeds the maximum running slope (direction of travel) allowable of $8.33 \%$. Ramps should have the least possible slope but in no case more than 8.3\% (1:12). | Entry Ramp - slope of 8.7\% | Correct slope of ramp to max 8.33\%. | 2015 ABAAS <br> Section: <br> 405.2 <br> 2012 TAS <br> Section: <br> 405.2 <br> 2010 ADAS Section: 405.2 |  |  |
| 175 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{gathered} {[30.6525271} \\ -95.007212 \\ 4] \end{gathered}$ | The ramp on the accessible route contains cross slopes greater than $2 \%$. Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). | Entry Ramp - Cross slope of $4 \%$ | Correct ramp cross slope to max 2.08\%. Cost included in previous finding. | 2015 ABAAS <br> Section: <br> 405.3 <br> 2012 TAS <br> Section: <br> 405.3 <br> 2010 ADAS Section: 405.3 |  |  |




| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 179 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{array}{\|c\|} \hline[30.6525398 \\ , \\ -95.007237 \\ 9] \end{array}$ | The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48. | Running slope of 8.7\% and cross slope of $4.0 \%$ | Correct running slopes to max $5 \%$ and cross to max $2.08 \%$. | 2012 TAS <br> Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 180 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{gathered} {[30.6525306} \\ -95.007224 \\ 4] \end{gathered}$ | The stair risers are not uniform in height. Stair riser heights shall be 7 inches maximum and 4 inches minimum. On any given flight of stairs, all steps shall have uniform riser height and uniform tread widths. | Lacks uniform height of stair risers - vary between $2.5^{\prime \prime}$ and $5^{\prime \prime}$ | Correct riser heights on stairs to consistent height between 4 " to 7 ", leave as is if technically infeasible | 2015 ABAAS Section: 504.2 <br> 2012 TAS Section: 504.2 <br> 2010 ADAS Section: 504.2 |  |  |
| 181 | Piney Shores: Piney Shores Screened Shelter - 2 | $\left[\begin{array}{c} {[30.6525329} \\ -95.007203] \end{array}\right.$ | Open risers are not permitted. | Lacks closed stair risers | Install kick plates on all stairs or replace with ones having closed risers | 2015 ABAAS Section: 504.3 <br> 2012 TAS Section: 504.3 <br> 2010 ADAS Section: 504.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 182 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{gathered} {[30.6525421} \\ -95.007227 \\ 1] \end{gathered}$ | The stairway treads are sloped greater than $2.08 \%$ in any direction. | Cross slopes range from 4.4\% to 8.6\% | Correct or repair slope of tread to max $2.08 \%$ in any direction. Price included in riser correction. | 2015 ABAAS <br> Section: <br> 504.4 <br> 2012 TAS <br> Section: <br> 504.4 <br> 2010 ADAS Section: 403.3, 504.4 |  |  |
| 183 | Piney Shores: Piney Shores Screened Shelter - 2 | $\left[\begin{array}{c} {[30.6525375} \\ -95.007227 \\ 1] \end{array}\right.$ | The stripe on the stair tread does not contrast adequately with the stair tread. Exterior and interior stairs are recommended to have the upper approach and lower treads marked by a stripe providing clear visual contrast. | Lacks contrasting stripe along front 2" of each tread | SMART PRACTICE Install contrasting stripe along front 2" of each tread The stripe shall be a minimum of 2 inches wide to a maximum of 4 inches wide placed parallel to, and not more than 1 inch from, the nose of the step or upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement. | 2015 ABAAS <br> Section: <br> Advisory 504.4 <br> 2012 TAS Section: 504.4 Advisory 2010 ADAS Section: 504.4 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 184 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{gathered} {[30.6525398} \\ - \\ -95.007213 \\ 7] \end{gathered}$ | Stairways must have handrails on both sides. Handrails and their extensions must be between 34 inches and 38 inches above the stair nosing or ground. The top handrails shall extend a minimum of 12 inches beyond the top nosing and shall be parallel with the floor or ground surface. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The orientation of at least one handrail, including the extension, shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4 inches minimum and 2 inches maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and $61 / 4$ inches maximum, and a cross-section dimension of 2-1/4 inches maximum. The hand grip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top or sides) shall be uninterrupted by newel posts, other construction elements or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Handrails projecting from a wall shall have a space of $1-1 / 2$ inches minimum between the wall and the handrail. | Stairway lacks compliant handrails | Install handrails on both sides of stairway, mounted 34 " to 38 " aff with top and bottom extensions and having a $1.25^{\prime \prime}-2^{\prime \prime}$ in diameter, or a non-circular grip that has a perimeter dimension of 4 "- $6.25^{\prime \prime}$ max with a $\min$ gap of $1.5^{\prime \prime}$ between handrail and wall | 2015 ABAAS Section: 505.2 <br> 2012 TAS Section: 505.2 <br> 2010 ADAS Section: 505.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 185 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{gathered} {[30.6525421} \\ , \\ -95.007216 \\ 4] \end{gathered}$ | The surface of the outdoor recreation access route, passing spaces, and/or resting intervals are not firm and stable. The surface of outdoor recreation access route, passing spaces, and resting intervals shall be firm and stable, having a width of 36 ", max gaps of .5 " and tread obstacles of .5 " or less. | Gap of 12" near picnic table | Correct surface of ORAR to be firm and stable, a min 36 " wide and having gaps and changes in level of max .5" | 2015 ABAAS Section: 1016. 2 |  |  |
| 186 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{gathered} {[30.6525444} \\ 0 \\ -95.007208 \\ 4] \end{gathered}$ | The cross slope shall not be steeper than $1: 48$. EXCEPTION: Where the surface is other than concrete, asphalt, or boards, cross slopes not steeper than 1:20 shall be permitted when necessary for drainage. | Slope of $2.5 \%$ at bottom of stair landing | Correct or repair ORAR cross slope to max $2.08 \%$ or $5 \%$ for surfaces other than concrete, asphalt or board as a smart practices | 2015 ABAAS Section: 1016.7 .2, 1016.7 .2 EXCEPTION |  |  |
| 187 | Piney Shores: Piney Shores Screened Shelter - 2 | $\left\lvert\, \begin{gathered} {[30.6525444} \\ - \\ -95.007237 \\ 9] \end{gathered}\right.$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches ( 1220 mm ) minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Lacks picnic table of accessible design | Replace picnic table with one of an accessible design as a smart practice | 2015 ABAAS Section: 1011.4.2 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 189 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{gathered} {[30.6525514} \\ -95.007224 \\ 4] \end{gathered}$ | Picnic tables are required to have clear ground space 36 inches ( 915 mm ) on all usable sides of the table measured from the back edge of the benches. | Lacks 36 " clear width around picnic table (32") | Provide required 36 " clear ground space around all usable portions of the table as a smart practice. | 2015 ABAAS Section: 1011.2.1 |  |  |
| 190 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{gathered} {[30.6525375} \\ \dot{-95.007224} \\ 4] \end{gathered}$ | The surface of the clear ground space shall be firm and stable The slope of the clear ground space surface shall not be steeper than 1:48 in any direction. EXCEPTION: Where the surface is other than asphalt, concrete, or boards, slopes not steeper than 1:20 shall be permitted when necessary for drainage | Slopes of $2.3 \%$ and $3.4 \%$ near bench | Correct surface at bench to firm, stable and having max slope of $2.08 \%$ as a smart practice | $\begin{gathered} 2015 \text { ABAAS } \\ \text { Section: } \\ 1011.2 .2, \\ 1011.2 .3, \\ 1011.2 \\ \text { EXCEPTION } \end{gathered}$ |  |  |
| 191 | Piney Shores: Piney Shores Screened Shelter - 2 | $\begin{gathered} {[30.6525467} \\ , \\ -95.007227 \\ 1] \end{gathered}$ | Where provided, cooking surfaces shall be 15 inches ( 380 mm ) minimum and 34 inches ( 865 mm ) maximum above the ground. | Cooking surface of grill 12" at highest setting | Raise or lower cooking surface to be 15" min to 34" max above the ground; in the alternative, replace with a compliant surface as a smart practice. | 2015 ABAAS Section: 1011.5.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351





Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 198 | Piney Shores: Piney Shores Screened Shelter - 3 | $\begin{gathered} {[30.6523968} \\ \prime \\ -95.007299 \\ 5] \end{gathered}$ | There are openings in the surface of the trails, passing spaces, and resting intervals that allow the passage of a sphere more than $1 / 2$ inch in diameter. Openings in the surface of trails, passing spaces, and resting intervals shall not allow the passage of a sphere more than $1 / 2$ inch ( 13 mm ) in diameter. | Gaps of .75", 1", .75", and $1^{\prime \prime}$ on board walk | Correct for fill gaps to max .5" as a smart practice. | 2015 ABAAS Section: 1017.6 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 199 | Piney Shores: Piney Shores Screened Shelter - 3 | $\begin{array}{\|c} {[30.652376,} \\ -95.007323 \\ 7] \end{array}$ | The surface of the outdoor recreation access route, passing spaces, and/or resting intervals are not firm and stable. The surface of outdoor recreation access route, passing spaces, and resting intervals shall be firm and stable, having a width of $36 "$, max gaps of .5 " and tread obstacles of .5 " or less. | Gap of 12" | Correct surface of ORAR to be firm and stable, a min 36 " wide and having gaps and changes in level of max . $5^{\prime \prime}$ | 2015 ABAAS Section: 1016. 2 |  |  |
| 200 | Piney Shores: Piney Shores Screened Shelter - 3 | $\begin{gathered} {[30.6523714} \\ , \\ -95.007315 \\ 6] \end{gathered}$ | Picnic tables are required to have clear ground space 36 inches ( 915 mm ) on all usable sides of the table measured from the back edge of the benches. | Lacks clear ground space at picnic table | Provide required 36 " clear ground space around all usable portions of the table as a smart practice. | 2015 ABAAS Section: 1011.2.1 | $2$ |  |
| 201 | Piney Shores: Piney Shores Screened Shelter - 3 | $\begin{gathered} {[30.6523991} \\ , \\ -95.007318 \\ 3] \end{gathered}$ | The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48. | 9.3\% slope at paved area to boardwalk | Correct running slopes to max 5\% and cross to max $2.08 \%$. | 2012 TAS <br> Section: 403.3 <br> 2010 ADAS Section: 403.3 | a. |  |
| 202 | Piney Shores: Piney Shores Screened Shelter - 3 | $\left[\begin{array}{c} {[30.6523783} \\ -95.007317] \end{array}\right.$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches ( 1220 mm ) minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Lacks picnic table of accessible design | Replace picnic table with one of an accessible design as a smart practice | 2015 ABAAS Section: 1011.4.2 |  |  |




| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 208 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{aligned} & {[30.6519491} \\ & -95.007282 \\ & 1] \end{aligned}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. | 4" to railing on the pull side of the door | Provide required maneuvering clearance around pull side of door. | 2015 ABAAS <br> Section: <br> 404.2.4.1, <br> 404.2.4.4 <br> 2012 TAS <br> Section: <br> 404.2.4.4, <br> 404.2.4.1 <br> 2010 ADAS <br> Section: <br> 404.2.4.4, <br> 404.2.4.1 |  |  |
| 209 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{gathered} {[30.6519399} \\ -95.007294 \\ 2] \end{gathered}$ | There is no accessible route between elements in the building. An accessible route of travel must connect all elements and spaces within a building or facility. | loft is only accessed by ladder | Leave as is lack of route to loft and assure equivalent amenities are provided on the main level. | 2015 ABAAS <br> Section: <br> F206.2.4 <br> 2012 TAS <br> Section: <br> 206.2.4 <br> 2010 ADAS Section: 206.2.4 |  |  |




| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 212 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{gathered} {[30.6519306} \\ -95.007304 \\ 9] \end{gathered}$ | The ramp on the accessible route contains cross slopes greater than $2 \%$. Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). | Cross slopes of $4.6 \%$ and $3.4 \%$ | Correct ramp cross slope to $\max 2.08 \%$. Cost included in previous finding. | 2015 ABAAS Section: 405.3 <br> 2012 TAS Section: 405.3 <br> 2010 ADAS Section: 405.3 |  |  |
| 213 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{gathered} {[30.6519445} \\ -95.007304 \\ 9] \end{gathered}$ | The landing at the bottom of the ramp has a slope greater than $2 \%$. Bottom landings shall have a dimension in the direction of ramp run of not less than 60 inches and have a slope of less than $2 \%$ in any direction. | Slopes of 4.2\% and 2.3\% at ramp run landings | Correct ramp landing slope to max 2.08\%. | 2015 ABAAS Section: 405.7.1, 405.7.1 EXCEPTION 2012 TAS Section: 405.7.1, 405.7.1 Exception 2010 ADAS Section: 405.7.1, 405.7.1 Exception |  |  |




| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 216 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{gathered} {[30.6519353} \\ -95.007294 \\ 2] \end{gathered}$ | The ramp does not have compliant handrails. Handrails are required on both sides of all surfaces that are sloped greater than 5 percent (1:20). Handrails must be between 34 inches and 38 inches above the ramp surface, must extend beyond the top and bottom of the ramp 12 inches and be parallel to the floor or ground surface. The diameter of the handrails must be between 1 inches and 2 inches in cross-sectional nominal dimension for circular handrails and handrail gripping surfaces with a noncircular cross section shall have a perimeter dimension of 4 inches minimum and 6 inches maximum, and a cross-section dimension of 2 inches maximum. The clear space between handrails and walls must $1-1 / 2$ inches minimum. | Entry ramp lacks compliant handrails | Install handrails that are rounded and/or extend to the ground, with handrail extensions and mounted $34^{\prime \prime}$ to $38^{\prime \prime}$ aff | 2015 ABAAS Section: 505.1 <br> 2012 TAS Section: 505.1 <br> 2010 ADAS Section: 505.1 |  |  |
| 217 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{gathered} {[30.6519422} \\ -95.007280 \\ 8] \end{gathered}$ | The ramp run has not been provided with edge protection. The floor or ground surface of the ramp run or landing shall extend 12 inches minimum beyond the inside face of a handrail or a curb or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface. | Entry ramp - lacks edge protection | Install rail along bottom edge of ramp that prevents a 4" sphere from passing through | 2015 ABAAS Section: 405.9, 405.9.1, 405.9.2 2012 TAS Section: 405.9.1, 405.9.2, 405.9 2010 ADAS Section: 405.9.2, 405.9.1, 405.9 |  |  |
| 218 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{gathered} {[30.6519361} \\ -95.007274 \\ 1] \end{gathered}$ | Openings in the surface of outdoor recreation access routes shall not allow the passage of a sphere more than $1 / 2$ inch (13 mm ) in diameter. Advisory: Spaces between the boards in a boardwalk and drainage grates are examples of openings. Where possible, drainage grates should be located outside the minimum clear width of the outdoor recreation access route. Elongated openings should be placed so that the long | Multiple gaps (approximately 15 ) from 1"-2" wide on ramp/accessible route for Shelter 4 | Correct or fill gaps along the ORAR to max .5 " as a smart practice. | 2015 ABAAS Section: 1016.6, Advisory 1016.6 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | dimension is perpendicular, or as close to perpendicular as possible, to the dominant direction of travel |  |  |  |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 220 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{gathered} {[30.6519468} \\ -95.007288 \\ 8] \end{gathered}$ | The resting interval length shall be 60 inches ( 1525 mm ) long minimum Where resting intervals are provided within an outdoor recreation access route, resting intervals shall be at least as wide as the widest segment of the outdoor recreation access route leading to the resting interval. Where resting intervals are provided adjacent to an outdoor recreation access route, the resting interval shall be 36 inches ( 915 mm ) wide minimum Resting intervals shall have slopes not steeper than 1:48 in any direction. EXCEPTION: Where the surface is other than concrete, asphalt, or boards, slopes not steeper than 1:20 shall be permitted when necessary for drainage Where resting intervals are provided adjacent to an outdoor recreation access route, a turning space complying with 304.3.2 shall be provided. | Slope of $2.8 \%$ at resting interval | Correct slope in resting areas to be max $2.08 \%$ along the ORAR as a smart practice. | 2015 ABAAS Section: 1016.8.1, 1016.8.2, 1016.8.3, 1016.8.3 EXCEPION, 1016.8.4 |  |  |
| 221 | Piney Shores: Piney Shores Screened Shelter -4 | $\begin{gathered} {[30.6518718} \\ -95.007275 \\ 4] \end{gathered}$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches ( 1220 mm ) minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Lacks picnic table of accessible design | Replace picnic table with one of an accessible design as a smart practice | 2015 ABAAS Section: 1011.4.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 222 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{gathered} {[30.6518764} \\ , \\ -95.007274 \\ 1] \end{gathered}$ | The surface of the clear ground space shall be firm and stable The slope of the clear ground space surface shall not be steeper than 1:48 in any direction. EXCEPTION: Where the surface is other than asphalt, concrete, or boards, slopes not steeper than 1:20 shall be permitted when necessary for drainage | Slopes of $3.7 \%$ and $3.3 \%$ in clear floor space around picnic table | Correct surface at picnic table to be firm, stable and having max slope of $2.08 \%$ or $5 \%$ if other than concrete asphalt or boards as a smart practice | 2015 ABAAS <br> Section: <br> 1011.2.2, <br> 1011.2.3, <br> 1011.2 <br> EXCEPTION |  |  |
| 223 | Piney Shores: Piney Shores Screened Shelter - 4 | $\left\lvert\, \begin{gathered} {[30.6518776} \\ -95.007272 \\ 7] \end{gathered}\right.$ | 36 inches ( 915 mm ) by 48 inches ( 1220 $\mathrm{mm})$ positioned near the bench with one side of the space adjoining an outdoor recreation access route or trail, as applicable The clear ground space shall not overlap the outdoor recreation access route or trail, or another clear ground space | Lacks clear floor space adjacent to the bench, with a slope of 6.8\% and gaps in clear floor space in front of bench | Construct firm, stable, and slip resistant pads at least 36 " by 48 " adjacent to $20 \%$ of benches, and locate along an AR as a smart practice | $\begin{gathered} 2015 \text { ABAAS } \\ \text { Section: } \\ \text { 1011.2, } \\ 1011.2 .1 \end{gathered}$ |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 224 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{aligned} & {[30.6519422} \\ & , \\ & -95.007275 \\ & 4] \end{aligned}$ | Where provided, cooking surfaces shall be 15 inches ( 380 mm ) minimum and 34 inches ( 865 mm ) maximum above the ground. | Cooking surface of grill lacks minimum height requirements 12 " at highest setting | Raise or lower cooking surface to be $15^{\prime \prime}$ min to 34 " max above the ground; in the alternative, replace with a compliant surface as a smart practice. | 2015 ABAAS Section: 1011.5.2 |  |  |
| 225 | Piney Shores: Piney Shores Screened Shelter - 4 | $\begin{gathered} {[30.6519439} \\ -95.007277 \\ 3] \end{gathered}$ | Obstacles on outdoor recreation access routes, passing spaces, and resting intervals shall not exceed $1 / 2$ inch ( 13 mm ) in height measured vertically to the highest point. EXCEPTION: Where the surface is other than asphalt, concrete, or boards, obstacles shall be permitted to not exceed 1 inch ( 25 mm ) in height measured vertically to the highest point. | changes in level of 1.5 " and $.75^{\prime \prime}$ on boardwalk | Repair, bevel or ramp CIL along the ORAR to max. 5 " or 1 " for surfaces other than concrete, asphalt or boards as a smart practice. | 2015 ABAAS Section: 1016.5, 1016.5 EXCEPTION |  |  |




| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 230 | Piney Shores: Piney Shores Screened Shelter - 5 | $\begin{aligned} & {[30.651963,} \\ & -95.007144] \end{aligned}$ | The cross slope shall not be steeper than 1:48. EXCEPTION: Where the surface is other than concrete, asphalt, or boards, cross slopes not steeper than 1:20 shall be permitted when necessary for drainage. | Cross slope of $2.7 \%$ on route to shelter | Correct or repair ORAR cross slope to max 2.08\% as a smart practices | 2015 ABAAS <br> Section: <br> 1016.7.2, <br> 1016.7.2 <br> EXCEPTION |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 231 | Piney Shores: Piney Shores Screened Shelter - 5 | $\left\lvert\, \begin{array}{r} {[30.6519491} \\ ,-95.00714] \end{array}\right.$ | The resting interval length shall be 60 inches ( 1525 mm ) long minimum Where resting intervals are provided within an outdoor recreation access route, resting intervals shall be at least as wide as the widest segment of the outdoor recreation access route leading to the resting interval. Where resting intervals are provided adjacent to an outdoor recreation access route, the resting interval shall be 36 inches ( 915 mm ) wide minimum Resting intervals shall have slopes not steeper than 1:48 in any direction. EXCEPTION: Where the surface is other than concrete, asphalt, or boards, slopes not steeper than 1:20 shall be permitted when necessary for drainage Where resting intervals are provided adjacent to an outdoor recreation access route, a turning space complying with 304.3.2 shall be provided. | Slope of $3.0 \%$ at resting interval | Correct slope in resting areas to max 2.08\% along the ORAR as a smart practice. | 2015 ABAAS Section: 1016.8.1, 1016.8.2, 1016.8.3, 1016.8.3 EXCEPION, 1016.8.4 |  |  |
| 232 | Piney Shores: Piney Shores Screened Shelter - 5 | $\begin{array}{\|c} {[30.651956,} \\ -95.007138 \\ 6] \end{array}$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches ( 1220 mm ) minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Lacks picnic table of accessible design | Replace picnic table with one of an accessible design as a smart practice. | 2015 ABAAS Section: 1011.4.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 233 | Piney Shores: Piney Shores Screened Shelter - 5 | $\begin{gathered} {[30.6519514} \\ , \\ -95.007149 \\ 3] \end{gathered}$ | Picnic tables are required to have clear ground space 36 inches ( 915 mm ) on all usable sides of the table measured from the back edge of the benches. | Slope of $4.3 \%$ and a deteriorated brick structure creating a change in level of $3^{\prime \prime}$ near picnic table | Provide required 36 " clear ground space around all usable portions of the table as a smart practice. | 2015 ABAAS Section: 1011.2.1 |  |  |
| 234 | Piney Shores: Piney Shores Screened Shelter - 5 | $\begin{gathered} {[30.651963,} \\ -95.007141 \\ 3] \end{gathered}$ | 36 inches ( 915 mm ) by 48 inches ( 1220 mm ) positioned near the bench with one side of the space adjoining an outdoor recreation access route or trail, as applicable The clear ground space shall not overlap the outdoor recreation access route or trail, or another clear ground space | Lacks clear floor space adjacent to the bench, with a slope of 2.9\% and gaps and changes in level in clear floor space in front of bench | Construct firm, stable, and slip resistant pads at least 36 " by 48 " adjacent to $20 \%$ of benches, and locate along an AR as a smart practice | 2015 ABAAS <br> Section: <br> 1011.2, <br> 1011.2.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 235 | Piney Shores: Piney Shores Screened Shelter - 5 | $\left[\begin{array}{l} {[30.6519572} \\ -95.007156] \end{array}\right.$ | Where provided, cooking surfaces shall be 15 inches ( 380 mm ) minimum and 34 inches ( 865 mm ) maximum above the ground. | Cooking surface of grill 14" at highest setting | Raise or lower cooking surface to be $15 "$ min to 34 " max above the ground; in the alternative, replace with a compliant surface as a smart practice. | 2015 ABAAS Section: 1011.5.2 |  |  |
| 236 | Piney Shores: Piney Shores Screened Shelter - 5 | $\begin{gathered} {[30.6519537} \\ , \\ -95.007130 \\ 6] \end{gathered}$ | The surface of the clear ground space shall be firm and stable The slope of the clear ground space surface shall not be steeper than $1: 48$ in any direction. EXCEPTION: Where the surface is other than asphalt, concrete, or boards, slopes not steeper than 1:20 shall be permitted when necessary for drainage | Lacks clear ground space at water spout | Create AR with crushed and compacted stone or similar outdoor material to water spouts, with a 30 " $\times 60$ " clear space around usable area | 2015 ABAAS <br> Section: <br> 1011.2.2, <br> 1011.2.3, <br> 1011.2 <br> EXCEPTION |  |  |
| 237 | Piney Shores: Piney Shores Screened Shelter - 5 | $\begin{gathered} {[30.6519491} \\ -95.007149 \\ 3] \end{gathered}$ | The stair risers are not uniform in height. Stair riser heights shall be 7 inches maximum and 4 inches minimum. On any given flight of stairs, all steps shall have uniform riser height and uniform tread widths. | 8.5" top riser | Correct riser heights on stairs to consistent height between 4 " to 7 ", leave as is if technically infeasible | 2015 ABAAS <br> Section: <br> 504.2 <br> 2012 TAS Section: 504.2 <br> 2010 ADAS Section: 504.2 |  |  |
| 238 | Piney Shores: Piney Shores Screened Shelter - 5 | $\begin{aligned} & {[30.651963,} \\ & -95.007152] \end{aligned}$ | Treads shall be 11 inches $(280 \mathrm{~mm}$ ) deep minimum and uniform | treads vary between 11.5 " to 17 " deep | Correct tread depth on stairs to $11^{\prime \prime}$ minimum and consistent, leave as is if technically infeasible | 2015 ABAAS Section: 504.2 <br> 2012 TAS Section: 504.2 <br> 2010 ADAS Section: 504.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 239 | Piney Shores: Piney Shores Screened Shelter - 5 | $\begin{gathered} {[30.6519456} \\ -95.007154 \\ 7] \end{gathered}$ | The stairway treads are sloped greater than 2.08\% in any direction. | Cross slopes of $3.4 \%$, 3.0\%, and 4.1\% | Correct or repair slope of tread to max 2.08\% in any direction. Cost included in previous finding. | 2015 ABAAS Section: 504.4 2012 TAS Section: 504.4 2010 ADAS Section: $403.3,504.4$ |  |  |
| 240 | Piney Shores: Piney Shores Screened Shelter - 5 | $\begin{gathered} {[30.6519514} \\ , \\ -95.007135 \\ 9] \end{gathered}$ | The stripe on the stair tread does not contrast adequately with the stair tread. Exterior and interior stairs are recommended to have the upper approach and lower treads marked by a stripe providing clear visual contrast. | Lacks contrasting stripe along front 2" of each tread | Install contrasting strip along front 2" of each tread. The stripe shall be a minimum of 2 inches wide to a maximum of 4 inches wide placed parallel to, and not more than 1 inch from, the nose of the step or upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement. | 2015 ABAAS Section: Advisory 504.4 <br> 2012 TAS Section: 504.4 Advisory <br> 2010 ADAS Section: 504.4 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 241 | Piney Shores: Piney Shores Screened Shelter - 5 | $\begin{gathered} {[30.6519491} \\ - \\ -95.007149 \\ 3] \end{gathered}$ | Stairways must have handrails on both sides. Handrails and their extensions must be between 34 inches and 38 inches above the stair nosing or ground. The top handrails shall extend a minimum of 12 inches beyond the top nosing and shall be parallel with the floor or ground surface. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The orientation of at least one handrail, including the extension, shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing. Handrail gripping surfaces with a circular cross section shall have an outside diameter of $1-1 / 4$ inches minimum and 2 inches maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and $61 / 4$ inches maximum, and a cross-section dimension of 2-1/4 inches maximum. The hand grip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top or sides) shall be uninterrupted by newel posts, other construction elements or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Handrails projecting from a wall shall have a space of 1-1/2 inches minimum between the wall and the handrail. | Lacks handrails on both sides of stairway | Install handrails on both sides of stairway, mounted $34^{\prime \prime}$ to $38^{\prime \prime}$ aff with top and bottom extensions and having a $1.25^{\prime \prime}-2^{\prime \prime}$ in diameter, or a non-circular grip that has a perimeter dimension of 4 "- $6.25^{\prime \prime}$ max with a min gap of $1.5^{\prime \prime}$ between handrail and wall | 2015 ABAAS Section: 505.2 <br> 2012 TAS Section: 505.2 <br> 2010 ADAS Section: 505.2 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 244 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{array}{\|c\|} \hline[30.6520622 \\ -95.006937 \\ 4] \end{array}$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches $(760 \mathrm{~mm}$ ) minimum by 48 inches $(1220 \mathrm{~mm})$ minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Picnic table toe clearance 9" deep | Replace picnic table with one of an accessible design as a smart practice | 2015 ABAAS Section: 1011.4.2 |  |  |
| 245 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520564} \\ -95.006926 \\ 7] \end{gathered}$ | The ramps slope exceeds the maximum running slope (direction of travel) allowable of $8.33 \%$. Ramps should have the least possible slope but in no case more than 8.3\% (1:12). | Entry Ramp - Slopes of $11.4 \%$ and $9.5 \%$ | Correct slope of ramp to max 8.33\% | 2015 ABAAS <br> Section: <br> 405.2 <br> 2012 TAS <br> Section: <br> 405.2 <br> 2010 ADAS Section: 405.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 246 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520472} \\ -95.006925 \\ 4] \end{gathered}$ | The ramp on the accessible route contains cross slopes greater than $2 \%$. Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). | Cross slope of 2.8\% | Correct ramp cross slope to max 2.08\%. Cost included in previous finding. | 2015 ABAAS Section: 405.3 2012 TAS Section: 405.3 2010 ADAS Section: 405.3 |  | $\left.\right\|_{0} ^{-1}=\frac{\square}{=}$ |
| 247 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520679} \\ -95.006926 \\ 7] \end{gathered}$ | The landing is not the correct length. Landings shall have a dimension in the direction of ramp run of not less than 60 inches. | Landing only 47.5" deep | Enlarge landing to be 60 " deep and as wide as the ramp. | 2015 ABAAS Section: 405.7.3 2012 TAS Section: 405.7.3 2010 ADAS Section: 405.7.3 |  |  |
| 248 | Piney Shores: Piney Shores Screened Shelter - 6 | $\left[\begin{array}{l} {[30.6520599} \\ ,-95.00692] \end{array}\right.$ | The ramp does not have compliant handrails. Handrails are required on both sides of all surfaces that are sloped greater than 5 percent ( $1: 20$ ). Handrails must be between 34 inches and 38 inches above the ramp surface, must extend beyond the top and bottom of the ramp 12 inches and be parallel to the floor or ground surface. The diameter of the handrails must be between 1 inches and 2 inches in cross-sectional nominal dimension for circular handrails and handrail gripping surfaces with a noncircular cross section shall have a perimeter dimension of 4 inches minimum and 6 inches maximum, and a cross-section dimension of 2 inches maximum. The clear space between handrails and walls must 1-1/2 inches minimum. | Entry ramp - lacks compliant handrails | Install handrails that are rounded and/or extend to the ground, with handrail extensions and mounted $34^{\prime \prime}$ to $38^{\prime \prime}$ aff | 2015 ABAAS Section: 505.1 <br> 2012 TAS Section: 505.1 <br> 2010 ADAS Section: 505.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 249 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520645} \\ -95.006924] \end{gathered}$ | The ramp run has not been provided with edge protection. The floor or ground surface of the ramp run or landing shall extend 12 inches minimum beyond the inside face of a handrail or a curb or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface. | Entry ramp - lacks edge protection | Install rail along bottom edge of ramp that prevents a 4" sphere from passing through | 2015 ABAAS Section: 405.9, 405.9.1, 405.9.2 2012 TAS Section: 405.9.1, 405.9.2, 405.9 2010 ADAS Section: 405.9.2, 405.9.1, 405.9 |  |  |
| 250 | Piney Shores: Piney Shores Screened Shelter - 6 | $\left[\begin{array}{c} {[30.6520541} \\ -95.006929 \\ 4] \end{array}\right.$ | There is a gap spaced greater than a $1 / 2$ inch. Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gaps of .75 ", 2", 1", and $1.5^{\prime \prime}$ | Correct or fill gaps to be max . 5 " | 2015 ABAAS Section: 302.3 <br> 2012 TAS Section: 302.3 <br> 2010 ADAS Section: 302.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 251 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520483} \\ , \\ -95.006929 \\ 4] \end{gathered}$ | The walkway contains abrupt vertical edges and/or variations over a $1 / 4$ inch. $1 / 4$ inch is the maximum vertical rise. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at $1: 2$ or less. Changes in level greater than $1 / 2$ inch must be by way of a ramp. | CILs of .5", 1.5", and | Repair, bevel or ramp CIL along AR | 2012 TAS Section: 303.2, 303.3 2010 ADAS Section: 303.2, 303.3 |  |  |
| 252 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520553} \\ -95.006910 \\ 6] \end{gathered}$ | The stair risers are not uniform in height. Stair riser heights shall be 7 inches maximum and 4 inches minimum. On any given flight of stairs, all steps shall have uniform riser height and uniform tread widths. | Lacks uniform height of stair risers (vary between 3.5 " and $\left.6.5^{\prime \prime}\right)$ | Correct riser heights on stairs to consistent height between 4 " to 7 ", leave as is if technically infeasible | 2015 ABAAS Section: 504.2 <br> 2012 TAS Section: 504.2 <br> 2010 ADAS Section: 504.2 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 255 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520495} \\ -95.006942 \\ 8] \end{gathered}$ | The stairway treads are sloped greater than 2.08\% in any direction. | Slopes of 5.8\%, $5.9 \%$, and $7.4 \%$ on 3 stairs | Correct or repair slope of tread to max $2.08 \%$ in any direction. | 2015 ABAAS <br> Section: <br> 504.4 <br> 2012 TAS <br> Section: <br> 504.4 <br> 2010 ADAS Section: 403.3, 504.4 |  |  |
| 256 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520633} \\ , \\ -95.006926 \\ 7] \end{gathered}$ | The stripe on the stair tread does not contrast adequately with the stair tread. Exterior and interior stairs are recommended to have the upper approach and lower treads marked by a stripe providing clear visual contrast. | Lacks contrasting stripe along front 2" of each tread | Install contrasting strip along front 2" of each tread. The stripe shall be a minimum of 2 inches wide to a maximum of 4 inches wide placed parallel to, and not more than 1 inch from, the nose of the step or upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement. | 2015 ABAAS <br> Section: <br> Advisory <br> 504.4 <br> 2012 TAS <br> Section: <br> 504.4 <br> Advisory <br> 2010 ADAS Section: 504.4 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 257 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520553} \\ -95.006913 \\ 3] \end{gathered}$ | Openings in the surface of outdoor recreation access routes shall not allow the passage of a sphere more than $1 / 2$ inch ( 13 mm ) in diameter. Advisory: Spaces between the boards in a boardwalk and drainage grates are examples of openings. Where possible, drainage grates should be located outside the minimum clear width of the outdoor recreation access route. Elongated openings should be placed so that the long dimension is perpendicular, or as close to perpendicular as possible, to the dominant direction of travel | Gap of 2" | Correct or fill gaps along the ORAR to max .5 " as a smart practice. | 2015 ABAAS <br> Section: 1016.6, Advisory 1016.6 |  |  |
| 258 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} \hline[30.6520564 \\ \dot{\prime} \\ -95.006905 \\ 3] \end{gathered}$ | The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48. | Running slope of 15.7\% | Correct running slopes to max 5\% and cross to max $2.08 \%$. | 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |
| 259 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520529} \\ , \\ -95.006936 \\ 1] \end{gathered}$ | The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48. | Cross slope of 4.2\% | Correct running slopes to max $5 \%$ and cross to max $2.08 \%$. | 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 260 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520529} \\ , \\ -95.006929 \\ 4] \end{gathered}$ | The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48. | Cross slope of 2.9\% | Correct running slopes to max $5 \%$ and cross to max 2.08\%. | 2012 TAS Section: 403.3 2010 ADAS Section: 403.3 |  |  |
| 261 | Piney Shores: Piney Shores Screened Shelter - 6 | $\begin{gathered} {[30.6520253} \\ -95.006914 \\ 7] \end{gathered}$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches $(1220 \mathrm{~mm})$ minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the | Lacks picnic table of accessible design | Replace picnic table with one of an accessible design as a smart practice | 2015 ABAAS Section: 1011.4.2 |  |  |
| 262 | Piney Shores: Piney Shores Screened Shelter - 6 | $\left[\begin{array}{c} {[30.6520276} \\ -95.006916] \end{array}\right.$ | The 30 inches minimum by 48 inches minimum clear floor space required at the operable part is not flat ( $2 \%$ or $1: 48$ maximum slope) in all directions. Changes in level are not permitted at required clear floor or ground space except that slopes not steeper than 1:48 shall be permitted. | Slope of $4.4 \%$ in clear ground space of picnic table | Correct or repair slope in CFS to max 2.08\%. | 2015 ABAAS <br> Section: <br> 305.2 <br> 2012 TAS <br> Section: <br> 305.2 <br> 2010 ADAS Section: 305.2 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 266 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{array}{\|c} {[30.6521372} \\ , \\ -95.006776 \\ 5] \end{array}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. | $4 "$ to the railing on the pull side of the door | Provide required maneuvering clearance around pull side of door | 2015 ABAAS <br> Section: <br> 404.2.4.1, <br> 404.2.4.4 <br> 2012 TAS <br> Section: <br> 404.2.4.4, <br> 404.2.4.1 <br> 2010 ADAS <br> Section: <br> 404.2.4.4, <br> 404.2.4.1 |  |  |
| 267 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{array}{\|c} \hline[30.652136, \\ -95.006765 \\ 8] \end{array}$ | There is no accessible route between elements in the building. An accessible route of travel must connect all elements and spaces within a building or facility. | loft is only accessed by ladder | Leave as is lack of route to loft and assure equivalent amenities are provided on the main level. | 2015 ABAAS <br> Section: <br> F206.2.4 <br> 2012 TAS <br> Section: <br> 206.2.4 <br> 2010 ADAS Section: 206.2.4 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 269 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521395} \\ , \\ -95.006768 \\ 5] \end{gathered}$ | The ramps slope exceeds the maximum running slope (direction of travel) allowable of $8.33 \%$. Ramps should have the least possible slope but in no case more than 8.3\% (1:12). | Entry ramp - slopes of $17.9 \%, 12.7 \%$, and 9.7\% | Correct slope of ramp to max 8.33\% | 2015 ABAAS Section: 405.2 <br> 2012 TAS Section: 405.2 <br> 2010 ADAS Section: 405.2 |  |  |
| 270 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521452} \\ , \\ -95.006785 \\ 9] \end{gathered}$ | The ramp on the accessible route contains cross slopes greater than $2 \%$. Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). | Entry ramp - cross slopes of 2.2\%, 3.2\%, $9.2 \%, 5.9 \%$, and 2.2\% | Correct ramp cross slope to max $2.08 \%$. Cost included in previous finding. | 2015 ABAAS Section: 405.3 <br> 2012 TAS <br> Section: 405.3 <br> 2010 ADAS Section: 405.3 |  |  |






| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 275 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521406} \\ , \\ -95.006777 \\ 9] \end{gathered}$ | The walkway contains abrupt vertical edges and/or variations over a $1 / 4$ inch. $1 / 4$ inch is the maximum vertical rise. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at 1:2 or less. Changes in level greater than $1 / 2$ inch must be by way of a ramp. | changes in level of 2" and . $5^{\prime \prime}$ | Repair, bevel or ramp CIL along AR | 2012 TAS Section: 303.2, 303.3 <br> 2010 ADAS Section: 303.2, 303.3 |  |  |
| 276 | Piney Shores: Piney Shores Screened Shelter - 7 | $\left[\begin{array}{c} {[30.6521314} \\ -95.006771 \\ 2] \end{array}\right.$ | There is a gap spaced greater than a $1 / 2$ inch. Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gap of 1" | Correct or fill gaps to be max . 5 " | 2015 ABAAS Section: 302.3 <br> 2012 TAS Section: 302.3 <br> 2010 ADAS Section: 302.3 |  |  |
| 277 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{array}{\|c\|} \hline[30.652136, \\ -95.006779 \\ 2] \end{array}$ | The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48. | Cross slope of 5.1\% | Correct running slopes to $\max 5 \%$ and cross to $\max 2.08 \%$. | 2012 TAS <br> Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 280 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521279} \\ -95.006761 \\ 8] \end{gathered}$ | 36 inches ( 915 mm ) by 48 inches (1220 $\mathrm{mm})$ positioned near the bench with one side of the space adjoining an outdoor recreation access route or trail, as applicable The clear ground space shall not overlap the outdoor recreation access route or trail, or another clear ground space | Lacks clear floor space adjacent to the bench, with a slope of $4.5 \%$ and $5 \%$ in clear floor space in front of bench | Construct firm, stable, and slip resistant pads at least 36 " by 48 " adjacent to $20 \%$ of benches, and locate along an AR as a smart practice | 2015 ABAAS Section: 1011.2, 1011.2.1 |  |  |
| 281 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521406} \\ -95.006771 \\ 2] \end{gathered}$ | Clear ground space 48 inches ( 1220 mm ) by 48 inches ( 1220 mm ) should be provided on all usable sides of the fire ring, grill, fireplace, and woodstove. Center the space on each usable side of the grill, fireplace, and woodstove. | Lacks 48" by 48" clear floor space on all usable sides of the fire ring | Provide required 48 " clear ground space centered along usable side of fire ring, grill, fireplace, or woodstove as a smart practice. | 2015 ABAAS Section: 1011.2 |  |  |
| 282 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521222} \\ -95.006773 \\ 8] \end{gathered}$ | Water spouts at water hydrants and water utility hook-ups shall be 28 inches ( 710 mm ) minimum and 36 inches ( 915 mm ) maximum above the ground | Water spout is $18 "$ above ground level | Remount water spouts to 28 " min or 36 " max above the ground as a smart practice | 2015 ABAAS Section: 1011.6 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 283 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521314} \\ , \\ -95.006779 \\ 2] \end{gathered}$ | The stair risers are not uniform in height. Stair riser heights shall be 7 inches maximum and 4 inches minimum. On any given flight of stairs, all steps shall have uniform riser height and uniform tread widths. | Shelter Entry Stairs Lacks uniform height of stair risers - 8" and 9.5" | Correct riser heights on stairs to consistent height between 4 " to 7 " | 2015 ABAAS Section: 504.2 <br> 2012 TAS Section: 504.2 <br> 2010 ADAS Section: 504.2 |  |  |
| 284 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521291} \\ , \\ -95.006779 \\ 2] \end{gathered}$ | Open risers are not permitted. | Shelter Entry Stairs Lacks closed stair risers | Install kick plates on all stairs or replace with ones having closed risers | 2015 ABAAS Section: 504.3 2012 TAS Section: 504.3 2010 ADAS Section: 504.3 |  |  |
| 285 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521268} \\ -95.006776 \\ 5] \end{gathered}$ | The stripe on the stair tread does not contrast adequately with the stair tread. Exterior and interior stairs are recommended to have the upper approach and lower treads marked by a stripe providing clear visual contrast. | Shelter Entry Stairs Lacks contrasting stripe along front 2" of each tread | Install contrasting strip along front 2" of each tread. The stripe shall be a minimum of 2 inches wide to a maximum of 4 inches wide placed parallel to, and not more than 1 inch from, the nose of the step or upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement. | 2015 ABAAS <br> Section: <br> Advisory <br> 504.4 <br> 2012 TAS <br> Section: <br> 504.4 <br> Advisory <br> 2010 ADAS <br> Section: <br> 504.4 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 286 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{array}{\|c} {[30.6521337} \\ -95.006795 \\ 3] \end{array}$ | Stairways must have handrails on both sides. Handrails and their extensions must be between 34 inches and 38 inches above the stair nosing or ground. The top handrails shall extend a minimum of 12 inches beyond the top nosing and shall be parallel with the floor or ground surface. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The orientation of at least one handrail, including the extension, shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing. Handrail gripping surfaces with a circular cross section shall have an outside diameter of $1-1 / 4$ inches minimum and 2 inches maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and $61 / 4$ inches maximum, and a cross-section dimension of 2-1/4 inches maximum. The hand grip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top or sides) shall be uninterrupted by newel posts, other construction elements or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Handrails projecting from a wall shall have a space of 1-1/2 inches minimum between the wall and the handrail. | Shelter Entry Stairs Stairway lacks compliant handrails | Install handrails on both sides of stairway, mounted 34 " to $38^{\prime \prime}$ aff with top and bottom extensions and having a $1.25^{\prime \prime}-2^{\prime \prime}$ in diameter, or a non-circular grip that has a perimeter dimension of 4 "- $6.25^{\prime \prime}$ max with a min gap of 1.5 " between handrail and wall. | 2015 ABAAS Section: 505.2 <br> 2012 TAS Section: 505.2 <br> 2010 ADAS Section: 505.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 290 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521372} \\ , \\ -95.006787 \\ 2] \end{gathered}$ | The accessible route contains loose gravel and/or surfaces that do not provide for a stable, firm slip resistant surface. | Stairs to picnic area Landing at bottom of stairs has 11.4\% slope, 1.5" CIL, 2" gap, flared transition | Repair stair landing to eliminate slope, gaps and changes in level. | 2015 ABAAS Section: 302.1 <br> 2012 TAS Section: 302.1 <br> 2010 ADAS Section: 302.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 291 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{gathered} {[30.6521291} \\ -95.006784 \\ 6] \end{gathered}$ | The stairway treads are sloped greater than $2.08 \%$ in any direction. | Stairs to picnic area Cross slopes range from 3\% to $4.8 \%$ on treads | Correct or repair slope of tread to max $2.08 \%$ in any direction. | 2015 ABAAS Section: 504.4 <br> 2012 TAS Section: 504.4 <br> 2010 ADAS Section: 403.3, 504.4 |  |  |
| 292 | Piney Shores: Piney Shores Screened Shelter - 7 | $\left[\begin{array}{c} {[30.6521383} \\ -95.006779 \\ 2] \end{array}\right.$ | The stripe on the stair tread does not contrast adequately with the stair tread. Exterior and interior stairs are recommended to have the upper approach and lower treads marked by a stripe providing clear visual contrast. | Stairs to picnic area Lacks visual contrast | Install contrasting strip along front 2" of each tread The stripe shall be a minimum of <br> 2 inches wide to a maximum of 4 inches wide placed parallel to, and not more than 1 inch from, the nose of the step or upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement. | 2015 ABAAS <br> Section: <br> Advisory 504.4 <br> 2012 TAS Section: 504.4 Advisory <br> 2010 ADAS Section: 504.4 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 293 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{array}{\|c} \hline[30.6521291 \\ , \\ -95.006768 \\ 5] \end{array}$ | Stairways must have handrails on both sides. Handrails and their extensions must be between 34 inches and 38 inches above the stair nosing or ground. The top handrails shall extend a minimum of 12 inches beyond the top nosing and shall be parallel with the floor or ground surface. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The orientation of at least one handrail, including the extension, shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4 inches minimum and 2 inches maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and $61 / 4$ inches maximum, and a cross-section dimension of 2-1/4 inches maximum. The hand grip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top or sides) shall be uninterrupted by newel posts, other construction elements or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Handrails projecting from a wall shall have a space of 1-1/2 inches minimum between the wall and the handrail. | Stairs to picnic area stairway lacks compliant handrails | Install handrails on both sides of stairway, mounted 34 " to 38 " aff with top and bottom extensions and having a $1.25^{\prime \prime}-2^{\prime \prime}$ in diameter, or a non-circular grip that has a perimeter dimension of 4 "- $6.25^{\prime \prime}$ max with a min gap of $1.5^{\prime \prime}$ between handrail and wall | 2015 ABAAS Section: 505.2 <br> 2012 TAS Section: 505.2 <br> 2010 ADAS Section: 505.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 294 | Piney Shores: Piney Shores Screened Shelter - 7 | $\begin{array}{\|c} \hline[30.652136, \\ -95.006763 \\ 1] \end{array}$ | The shelter roof extends down too close to the route of travel. Any obstruction that overhangs a route of travel must be a minimum of 80 inches above the walking surface as measured from the bottom of the obstruction. | shelter roof height 77" agl | Raise shelter roof to min $80^{\prime \prime}$, or pad object to prevent hazard in overhead clearance | 2015 ABAAS Section: 307.3 2012 TAS Section: 307.3 2010 ADAS Section: 307.3 |  |  |



Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 298 | Piney Shores: Piney Shores Screened Shelter - 8 | $\left[\begin{array}{c} {[30.6522814} \\ -95.006574] \end{array}\right.$ | The ramps slope exceeds the maximum running slope (direction of travel) allowable of $8.33 \%$. Ramps should have the least possible slope but in no case more than 8.3\% (1:12). | Entry Ramp - slopes of $11.7 \%, 9.4 \%$, and 9.5\% | Correct slope of ramp to max 8.33\% | 2015 ABAAS Section: 405.2 <br> 2012 TAS Section: 405.2 <br> 2010 ADAS Section: 405.2 |  |  |
| 299 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{array}{\|c} \hline[30.6522906 \\ , \\ -95.006580 \\ 7] \end{array}$ | The ramp on the accessible route contains cross slopes greater than $2 \%$. Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). | Entry Ramp - Cross slope of 2.6\% | Correct ramp cross slope to $\max 2.08 \%$. Cost included in previous finding. | 2015 ABAAS Section: 405.3 <br> 2012 TAS Section: 405.3 <br> 2010 ADAS Section: 405.3 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 301 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{gathered} {[30.6522756} \\ -95 \\ -956583 \\ 4] \end{gathered}$ | The ramp does not have compliant handrails. Handrails are required on both sides of all surfaces that are sloped greater than 5 percent (1:20). Handrails must be between 34 inches and 38 inches above the ramp surface, must extend beyond the top and bottom of the ramp 12 inches and be parallel to the floor or ground surface. The diameter of the handrails must be between 1 inches and 2 inches in cross-sectional nominal dimension for circular handrails and handrail gripping surfaces with a noncircular cross section shall have a perimeter dimension of 4 inches minimum and 6 inches maximum, and a cross-section dimension of 2 inches maximum. The clear space between handrails and walls must 1-1/2 inches minimum. | Entry Ramp - lacks compliant handrails | Install handrails that are rounded and/or extend to the ground, with handrail extensions and mounted $34^{\prime \prime}$ to $38^{\prime \prime}$ aff. | 2015 ABAAS Section: 505.1 <br> 2012 TAS Section: 505.1 <br> 2010 ADAS Section: 505.1 |  |  |
| 302 | Piney Shores: Piney Shores Screened Shelter - 8 | $\left\lvert\, \begin{gathered} {[30.6522883} \\ -95.006564 \\ 6] \end{gathered}\right.$ | The ramp run has not been provided with edge protection. The floor or ground surface of the ramp run or landing shall extend 12 inches minimum beyond the inside face of a handrail or a curb or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface. | Entry Ramp - Lacks edge protection | Install rail along bottom edge of ramp that prevents a 4" sphere from passing through | 2015 ABAAS Section: 405.9, 405.9.1, 405.9.2 2012 TAS Section: 405.9.1, 405.9.2, 405.9 2010 ADAS Section: 405.9.2, 405.9.1, 405.9 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 305 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{gathered} {[30.6522906} \\ -95.006578] \end{gathered}$ | The walkway contains abrupt vertical edges and/or variations over a $1 / 4 \mathrm{inch} .1 / 4$ inch is the maximum vertical rise. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at 1:2 or less. Changes in level greater than $1 / 2$ inch must be by way of a ramp. | changes in level of between $.5^{\prime \prime}$ and $1.5^{\prime \prime}$ at top of both staircases | Repair, bevel or ramp change in level along accessible route. | 2012 TAS Section: 303.2, 303.3 <br> 2010 ADAS Section: 303.2, 303.3 |  |  |
| 306 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{gathered} {[30.6522883} \\ -95.006596 \\ 8] \end{gathered}$ | The stairway treads are sloped greater than 2.08\% in any direction. | Two sets of stairs slopes of 2.4\%, 3.7\%, and $4.7 \%$ on stairs leading to ramp and all 6 stairs leading to woods have slopes between $4.0 \%$ and 5.2\% | Correct or repair slope of tread to max $2.08 \%$ in any direction. | 2015 ABAAS <br> Section: <br> 504.4 <br> 2012 TAS Section: 504.4 <br> 2010 ADAS Section: 403.3, 504.4 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 307 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{gathered} {[30.6522871} \\ -95.006615 \\ 6] \end{gathered}$ | The stripe on the stair tread does not contrast adequately with the stair tread. Exterior and interior stairs are recommended to have the upper approach and lower treads marked by a stripe providing clear visual contrast. | Two sets of Stairs treakds lack visual contrast | Install contrasting stripe along front 2" of each tread The stripe shall be a minimum of 2 inches wide to a maximum of 4 inches wide placed parallel to, and not more than 1 inch from, the nose of the step or upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement. | 2015 ABAAS <br> Section: <br> Advisory <br> 504.4 <br> 2012 TAS <br> Section: <br> 504.4 <br> Advisory <br> 2010 ADAS <br> Section: <br> 504.4 |  |  |
| 308 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{aligned} & {[30.652286,} \\ & -95.006566] \end{aligned}$ | Tread openings are spaced greater than $1 / 2$ inch in the direction of travel. Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gaps of .5" or more on 5 of 5 stairs leading to ramp | Replace tread with one having openings max .5" | 2015 ABAAS Section: 302.3 <br> 2012 TAS Section: 302.3 <br> 2010 ADAS Section: 302.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 309 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{gathered} {[30.6522871} \\ , \\ -95.006586 \\ 1] \end{gathered}$ | Stairways must have handrails on both sides. Handrails and their extensions must be between 34 inches and 38 inches above the stair nosing or ground. The top handrails shall extend a minimum of 12 inches beyond the top nosing and shall be parallel with the floor or ground surface. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The orientation of at least one handrail, including the extension, shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing. Handrail gripping surfaces with a circular cross section shall have an outside diameter of $1-1 / 4$ inches minimum and 2 inches maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and $61 / 4$ inches maximum, and a cross-section dimension of 2-1/4 inches maximum. The hand grip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top or sides) shall be uninterrupted by newel posts, other construction elements or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Handrails projecting from a wall shall have a space of 1-1/2 inches minimum between the wall and the handrail. | Two sets of Stairs both lack compliant handrails | Install handrails on both sides of stairway, mounted $34^{\prime \prime}$ to $38^{\prime \prime}$ aff with top and bottom extensions and having a $1.25^{\prime \prime}-2^{\prime \prime}$ in diameter, or a non-circular grip that has a perimeter dimension of $4^{\prime \prime}-6.25^{\prime \prime}$ max with a min gap of 1.5 " between handrail and wall | 2015 ABAAS Section: 505.2 <br> 2012 TAS Section: 505.2 <br> 2010 ADAS Section: 505.2 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 312 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{gathered} {[30.6522941} \\ , \\ -95.006592 \\ 8] \end{gathered}$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches $(1220 \mathrm{~mm})$ minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Lacks picnic table of accessible design | Replace picnic table with one of an accessible design as a smart practice | 2015 ABAAS Section: 1011.4.2 |  |  |
| 313 | Piney Shores: Piney Shores Screened Shelter - 8 | $\left[\begin{array}{c} {[30.6522825} \\ - \\ -95.006594 \\ 1] \end{array}\right.$ | 36 inches ( 915 mm ) on all usable sides of the table measured from the back edge of the benches | Lacks 36" clear ground space around picnic table | Relocate table to provide required 36 " clear ground space around all usable portions of the table as a smart practice. | 2015 ABAAS Section: 1011.2.1 |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 314 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{gathered} {[30.6522871} \\ - \\ -95.006590 \\ 1] \end{gathered}$ | 36 inches ( 915 mm ) by 48 inches ( 1220 mm ) positioned near the bench with one side of the space adjoining an outdoor recreation access route or trail, as applicable The clear ground space shall not overlap the outdoor recreation access route or trail, or another clear ground space | Lacks clear floor space adjacent to the bench, with a slope of $4.5 \%, 3.7 \%$, and $2.7 \%$ in clear floor space in front of bench | Construct firm, stable, and slip resistant pads at least $36^{\prime \prime}$ by $48^{\prime \prime}$ adjacent to $20 \%$ of benches, and locate along an AR as a smart practice | 2015 ABAAS <br> Section: <br> 1011.2, <br> 1011.2.1 |  |  |
| 315 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{gathered} {[30.6522871} \\ -95.006598 \\ 1] \end{gathered}$ | Where provided, cooking surfaces shall be 15 inches ( 380 mm ) minimum and 34 inches ( 865 mm ) maximum above the ground. | Cooking surface of grill 8" at highest setting | Raise or lower cooking surface to be $15{ }^{\prime \prime}$ min to 34" max above the ground; in the alternative, replace with a compliant surface as a smart practice. | 2015 ABAAS Section: 1011.5.2 |  |  |
| 316 | Piney Shores: Piney Shores Screened Shelter - 8 | $\begin{gathered} {[30.6522722} \\ , \\ -95.006603 \\ 5] \end{gathered}$ | Water spouts at water hydrants and water utility hook-ups shall be 28 inches ( 710 mm ) minimum and 36 inches ( 915 mm ) maximum above the ground | Water spout is $24{ }^{\prime \prime}$ above ground level | Remount water spouts to 28 " min or 36 " max above the ground as a smart practice | 2015 ABAAS Section: 1011.6 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 317 | Piney Shores: Piney Shores Screened Shelter - 9 | $\begin{gathered} {[30.6521718} \\ , \\ -95.006395 \\ 6] \end{gathered}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. | 4 " to railing on pull side of door | Provide required maneuvering clearance around pull side of door. | 2015 ABAAS Section: 404.2.4.1, 404.2.4.4 2012 TAS Section: 404.2.4.4, 404.2.4.1 2010 ADAS Section: 404.2.4.4, 404.2.4.1 |  |  |
| 318 | Piney Shores: Piney Shores Screened Shelter - 9 | $\left[\begin{array}{l} {[30.6521522} \\ -95.006405] \end{array}\right.$ | There is no accessible route between elements in the building. An accessible route of travel must connect all elements and spaces within a building or facility. | loft is only accessed by ladder | Leave as is lack of route to loft and assure equivalent amenities are provided on the main level. | 2015 ABAAS <br> Section: <br> F206.2.4 <br> 2012 TAS <br> Section: <br> 206.2.4 <br> 2010 ADAS Section: 206.2.4 |  |  |





| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 322 | Piney Shores: Piney Shores Screened Shelter - 9 | $\begin{array}{\|c} \hline[30.6521672 \\ , \\ -95.006403 \\ 7] \end{array}$ | The landing at the bottom of the ramp has a slope greater than $2 \%$. Bottom landings shall have a dimension in the direction of ramp run of not less than 60 inches and have a slope of less than $2 \%$ in any direction. | Entry Ramp - 4 ramp landings have slopes of $3.0 \%, 4.7 \%, 3.1 \%$, 2.1\% | Correct ramp landing slope to max 2.08\%. | 2015 ABAAS Section: 405.7.1, 405.7.1 EXCEPTION <br> 2012 TAS Section: 405.7.1, 405.7.1 Exception <br> 2010 ADAS Section: 405.7.1, 405.7.1 Exception |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 323 | Piney Shores: Piney Shores Screened Shelter -9 | $\begin{aligned} & {[30.6521683} \\ & -95.006411 \\ & 7] \end{aligned}$ | The landing is not the correct length. Landings shall have a dimension in the direction of ramp run of not less than 60 inches. | Entry Ramp - Ramp leading to Shelter 10 lacks a bottom landing that is 60 " deep and as wide as the ramp | Enlarge landing to be 60 " deep and as wide as the ramp. | 2015 ABAAS Section: 405.7.3 <br> 2012 TAS Section: 405.7.3 <br> 2010 ADAS Section: 405.7.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 324 | Piney Shores: Piney Shores Screened Shelter - 9 | $\left[\begin{array}{c} {[30.6521637} \\ -95.006401] \end{array}\right.$ | The ramp does not have compliant handrails. Handrails are required on both sides of all surfaces that are sloped greater than 5 percent (1:20). Handrails must be between 34 inches and 38 inches above the ramp surface, must extend beyond the top and bottom of the ramp 12 inches and be parallel to the floor or ground surface. The diameter of the handrails must be between 1 inches and 2 inches in cross-sectional nominal dimension for circular handrails and handrail gripping surfaces with a noncircular cross section shall have a perimeter dimension of 4 inches minimum and 6 inches maximum, and a cross-section dimension of 2 inches maximum. The clear space between handrails and walls must 1-1/2 inches minimum. | Entry Ramp - ramp lacks compliant handrails | Install handrails that are rounded and/or extend to the ground, with handrail extensions and mounted $34^{\prime \prime}$ to $38^{\prime \prime}$ aff. | 2015 ABAAS Section: 505.1 <br> 2012 TAS Section: 505.1 <br> 2010 ADAS Section: 505.1 |  |  |
| 325 | Piney Shores: Piney Shores Screened Shelter - 9 | $\left[\begin{array}{c} {[30.6521637} \\ -95.006401] \end{array}\right.$ | The ramp run has not been provided with edge protection. The floor or ground surface of the ramp run or landing shall extend 12 inches minimum beyond the inside face of a handrail or a curb or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface. | Entry Ramp - lacks edge protection | Install rail along bottom edge of ramp that prevents a 4" sphere from passing through | 2015 ABAAS Section: 405.9, 405.9.1, 405.9.2 2012 TAS Section: 405.9.1, 405.9.2, 405.9 2010 ADAS Section: 405.9.2, 405.9.1, 405.9 |  |  |





| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 331 | Piney Shores: Piney Shores Screened Shelter - 10 | $\begin{gathered} {[30.6520183} \\ -95.006441 \\ 2] \end{gathered}$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches $(1220 \mathrm{~mm})$ minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Picnic table toe clearance 9" deep | Replace picnic table with one of an accessible design as a smart practice | 2015 ABAAS <br> Section: <br> 1011.4.2 |  |  |
| 332 | Piney Shores: Piney Shores Screened Shelter $\text { - } 10$ | $\begin{gathered} {[30.6520196} \\ -9 \\ -95.006452 \\ 1] \end{gathered}$ | An accessible access route is not provided between elements, spaces and the facilities provided within the accessible camping unit. At least one outdoor recreation access route shall connect accessible elements, spaces and facilities provided within camping units with mobility features. | Lacks accessible route to Shelter 10 | Create AR with crushed and compacted stone or similar outdoor material to camp shelter as a smart practice. | 2015 ABAAS Section: F244.5.1 |  |  |
| 333 | Piney Shores: Piney Shores Screened Shelter $\text { - } 10$ | [30.6520206 $-95.006452]$ | There is a gap spaced greater than a $1 / 2$ inch. Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gaps of 1", 5.5", 1", 2", and 1.25" | Correct or fill gaps to be max .5" | 2015 ABAAS <br> Section: <br> 302.3 <br> 2012 TAS <br> Section: <br> 302.3 <br> 2010 ADAS <br> Section: <br> 302.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 337 | Piney Shores: Site 55 | $\begin{array}{\|c} \hline[30.654898, \\ -95.006564 \\ 6] \end{array}$ | There is no accessible route to the campsite utility hook ups. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible route to campsite utility hook ups | Create an accessible route with crushed stone or other outdoor material from parking or walkway to campsite utility hook ups | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS <br> Section: <br> 206.2.2 <br> 2010 ADAS <br> Section: <br> 206.2.2 |  |  |
| 338 | Piney Shores: Site 55 | $\begin{array}{\|c} {[30.6548888} \\ -95.006586 \\ 1] \end{array}$ | Water spouts at water hydrants and water utility hook-ups shall be 28 inches ( 710 mm ) minimum and 36 inches ( 915 mm ) maximum above the ground | Water spout is $15^{\prime \prime}$ above ground level | Remount water spouts to $28^{\prime \prime}$ min or 36 " max above the ground as a smart practice | 2015 ABAAS Section: 1011.6 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 339 | Red Oak: Red Oak Restroom Parking | $\begin{gathered} {[30.6543223} \\ , \\ -95.006072 \\ 4] \end{gathered}$ | The cross slopes (narrow dimension) and/or running slopes (long dimension) of the access aisle exceeds $2 \%$. The running slope and the cross slope in an accessible parking stall and the access aisle must not exceed 2\%. | Slope of 3\% in access aisle | Repair or correct slope of parking space and access aisle to max $2.08 \%$ in any direction | 2015 ABAAS Section: 502.4 <br> 2012 TAS Section: 502.4 <br> 2010 ADAS Section: 502.4 |  |  |
| 340 | Red Oak: Red Oak Restroom Parking | $\left[\begin{array}{c} {[30.6543269} \\ -95.006063] \end{array}\right.$ | The parking stall contains abrupt edges and surface irregularities over a $1 / 4$ inch vertical. Parking spaces and access aisles serving them shall be stable, firm, and slip resistant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted and shall not be sloped steeper than $2 \%$ in any direction. | Multiple gaps of $1^{\prime \prime}$ in stall and access aisle | Resurface stalls and access aisles to eliminate gaps and cracks | 2015 ABAAS Section: 502.4 <br> 2012 TAS Section: 502.4 <br> 2010 ADAS Section: 502.4 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 344 | Red Oak: Red Oak Restroom Exterior Accessible Route | $\begin{gathered} {[30.6542181} \\ , \\ -95.006162 \\ 7] \end{gathered}$ | The walkway contains abrupt vertical edges and/or variations over a $1 / 4$ inch. $1 / 4$ inch is the maximum vertical rise. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at 1:2 or less. Changes in level greater than $1 / 2$ inch must be by way of a ramp. | Multiple CILs (2) of .75" on accessible route and 1 " near drinking fountain | Repair, bevel or ramp CIL along AR | 2012 TAS <br> Section: 303.2, 303.3 <br> 2010 ADAS Section: 303.2, 303.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 345 | Red Oak: Red Oak Restroom Exterior Accessible Route | $\begin{gathered} \hline[30.65431, \\ -95.006182 \\ 3] \end{gathered}$ | The drinking fountain has multiple violations. Drinking fountains must be on an accessible route that provides a 30 inch by 48 inch clear floor space centered on the low unit, allowing a forward approach. Spout outlets shall be 36 inches maximum above the finish floor or ground. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4 inches high minimum and shall be located 5 inches maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Operable parts shall comply with applicable standards. | Multiple violations High bowl only 39.25" agl, lacks clear floor space due to cross slope of $2.9 \%$, lacks knee and toe clearance, and protrudes 10.5" | Replace drinking fountain with a hi-lo bowl fountain | 2015 ABAAS Section: 403.5.1, 602.1 <br> 2012 TAS Section: 403.5.1, 602.1 <br> 2010 ADAS Section: 403.5.1, 602.1 |  |  |
| 346 | Red Oak: Red Oak Restroom Exterior Accessible Route | $\begin{aligned} & {[30.6543207} \\ & -95.006210 \\ & 9] \end{aligned}$ | There is no accessible route to the informational sign. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible route to informational sign | Create an accessible route with crushed stone or other outdoor material from parking or walkway to informational sign | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS Section: <br> 206.2.2 <br> 2010 ADAS Section: 206.2.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 347 | Red Oak: Red Oak Men's Restroom | $\begin{gathered} {[30.6543269} \\ , \\ -95.006190 \\ 5] \end{gathered}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Maneuvering clearances shall have a max slope of $2.08 \%$. The threshold has a gap greater than $1 / 2$ inch wide. Exterior doors are recommended to be maintained at 8.5 Ibf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. | Door - gaps of 1" and 3 " in doorway clearance, 1" gap at door threshold, 14\# push | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, fill gaps at door entries and door threshold to max . 5 ". For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice. | $\begin{aligned} & 2010 \text { ADAS } \\ & \text { Section: } \\ & \text { 404.2.3, } \\ & 404.2 .7, \\ & 404.2 .4, \\ & 404.2 .11, \\ & \text { 404.2.11 } \\ & \text { Exception } \end{aligned}$ |  |  |
| 348 | Red Oak: Red Oak Men's Restroom | $\left\lvert\, \begin{gathered} {[30.6543246} \\ -95.006253 \\ 5] \end{gathered}\right.$ | The mirror is mounted too high. Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. | Bottom edge of reflecting surface of mirror is 38" aff and top edge of reflecting surface is $73.5^{\prime \prime}$ aff | Remount mirror so top reflecting edge is $\min 74{ }^{\prime \prime}$ | 2015 ABAAS Section: 603.3 <br> 2012 TAS Section: 603.3 <br> 2010 ADAS Section: 603.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 349 | Red Oak: Red Oak Men's Restroom | $\begin{gathered} {[30.6543119} \\ -95.006236 \\ 1] \end{gathered}$ | Knee and toe clearance has not been provided at the sink. The knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground. The toe clearance is the space under the sink between the finish floor or ground and 9 inches above the finish floor 30 inches wide minimum. | sink knee clearance $26.5^{\prime \prime}$ | Raise sink bowl to provide 27" knee clearance, in the alternative, acquire a shallower model | 2012 TAS Section: 606.2 2010 ADAS Section: 606.2 |  |  |
| 350 | Red Oak: Red Oak Men's Restroom | $\begin{gathered} {[30.6543131} \\ , \\ -95.006229 \\ 3] \end{gathered}$ | The water and drain pipes under the lavatory are not adequately insulated. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | Sink lacks insulated pipes | Insulate exposed pipes under one sink | 2015 ABAAS Section: 606.5 <br> 2012 TAS Section: 606.5 <br> 2010 ADAS Section: 606.5 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 351 | Red Oak: Red Oak Men's Restroom | $\begin{gathered} {[30.6542992} \\ , \\ -95.006246 \\ 8] \end{gathered}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches $(610 \mathrm{~mm}$ ) maximum. The high side reach shall be 48 inches ( 1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser at $49.5 "$ aff and is obstructed by a 28 " deep sink counter | Lower soap to max 44" above the finished floor (AFF) for a forward reach over counter. | 2015 ABAAS Section: 308.2.1, 308.3.2 2012 TAS Section: 308.2.1, 308.3.2 2010 ADAS Section: 308.2.1, 308.3.2 |  |  |
| 352 | Red Oak: Red Oak Men's Restroom | $\begin{gathered} {[30.6543304} \\ -95 \\ -906238 \\ 7] \end{gathered}$ | There are not enough accessible toilet compartments. The room contains several toilet compartments. A minimum of 1 must be wheelchair accessible . | Lacks wheelchair accessible stall, ambulatory only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights. | 2015 ABAAS <br> Section: <br> F213.3.1 <br> 2012 TAS Section: <br> 213.3.1 <br> 2010 ADAS Section: 213.3.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 353 | Red Oak: Red Oak Men's Restroom | $\begin{gathered} {[30.6543096} \\ -95.006225 \\ 3] \end{gathered}$ | The ambulatory stall is not between 35 " to 37 " wide and 60 " deep. | Ambulatory stall 37.5" wide | Correct ambulatory stall to be 35 " to 37 " wide and minimum $60^{\prime \prime}$ deep, or leave as is and use to create required wheelchair stall. | 2015 ABAAS Section: 604.8.2.1 <br> 2012 TAS Section: 604.8.2.1 <br> 2010 ADAS Section: 604.8.2.1 |  |  |
| 354 | Red Oak: Red Oak Men's Restroom | $\begin{gathered} {[30.6543281} \\ -95.006241 \\ 4] \end{gathered}$ | The stall door fails to comply with all of the door requirements. The stall door must be a minimum of 32 " wide and have compliant hardware on both sides. The stall door must be self-closing. | Lacks self-closing door | Adjust stall door to be self-closing | 2015 ABAAS Section: 404.2.3, 404.2.7, 604.8.2.2 2012 TAS Section: 404.2.3, 404.2.7, 604.8.2.2 2010 ADAS Section: 404.2.3, 404.2.7, 604.8.2.2 |  |  |
| 355 | Red Oak: Red Oak Men's Restroom | $\begin{gathered} {[30.6543315} \\ -95.006253 \\ 5] \end{gathered}$ | The grab bar height and/or spacing fails. Grab bars must be mounted between 33 " and 36 " to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of $1.5^{\prime \prime}$ of clearance below and minimum 12" above the grab bar to any dispenser or other obstruction. | TP 3" above side grab bar and too far from toilet | Remount toilet paper dispenser max 7 " to 9 " from front of toilet, 15 " to 48 " aff and min 12 " above or 1.5 " below grab bar | 2015 ABAAS <br> Section: <br> 609.3, 609.4 <br> 2012 TAS <br> Section: <br> 609.4, 609.3 <br> 2010 ADAS <br> Section: <br> 609.3, 609.4 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 356 | Red Oak: Red Oak Men's Restroom | $\begin{gathered} {[30.6543223} \\ , \\ -95.006241 \\ 4] \end{gathered}$ | The hand dryer projects more than 4 inches into the circulation path. Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Hand dryer protrudes 5" | Relocate protruding objects or place cane detectable warning or bollard at foot of item | 2015 ABAAS Section: 307.2 <br> 2012 TAS Section: 307.2 <br> 2010 ADAS Section: 307.2 |  | $\qquad$ |
| 357 | Red Oak: Red Oak Men's Restroom | $\begin{gathered} {[30.6543154} \\ , \\ -95.006245 \\ 4] \end{gathered}$ | The accessible route contains running slopes greater than 5 percent and cross slopes greater than 2 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope). | Slope of $2.8 \%$ near floor drain | Correct or repair slope to max 5\% running and $2.08 \%$ cross | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 358 | Red Oak: Red Oak Men's Shower | $\begin{gathered} {[30.6543258} \\ -95.006236 \\ 1] \end{gathered}$ | The bench is not deep enough or long enough or is missing. Benches shall be provided having seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches ( 1065 mm ) long minimum and shall extend from a point 2 inches ( 51 mm ) maximum above the seat surface to a point 18 inches ( 455 mm ) minimum above the seat surface. Back support shall be $2^{11 / 2}$ inches ( 64 mm ) maximum from the rear edge of the seat measured horizontally. The top of the bench seat surface shall be 17 inches ( 430 mm ) minimum and 19 inches $(485 \mathrm{~mm})$ maximum above the finish floor or ground. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench | Bench dimensions fail -41" long x 16.25" deep and is not affixed to the wall | Replace bench in dressing area with one having a seat depth of 20 " to 24 " deep, $42^{\prime \prime}$ long, affixed to the wall or having a back and mounted $17^{\prime \prime}$ to 19 " AFF and provide required clear floor space on the short axis of the bench. | 2012 TAS Section: 903.4, 903.2, 903.3, 903.5 <br> 2010 ADAS Section: 903.4, 903.2, 903.3, 903.5 |  | $\underset{4}{\substack{\text { Bench }}}$ |
| 359 | Red Oak: Red Oak Men's Shower | $\begin{gathered} {[30.6543258} \\ -95.006242 \\ 8] \end{gathered}$ | Transfer type shower compartments shall be 36 inches ( 915 mm ) by 36 inches ( 915 mm ) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch ( 915 mm ) wide minimum entry on the face of the shower compartment. Clearance of 36 inches ( 915 mm ) wide minimum by 48 inches ( 1220 mm ) long minimum measured from the control wall shall be provided. | Transfer shower 34.5" wide | Enlarge transfer shower to compliant 36 " by 36 " clear inside dimension. | 2015 ABAAS Section: 608.2.1 <br> 2012 TAS Section: 608.2.1 <br> 2010 ADAS Section: 608.2.1 |  |  |
| 360 | Red Oak: Red Oak Men's Shower | $\begin{aligned} & {[30.6543292} \\ & -95.006264 \\ & 2] \end{aligned}$ | Transfer type shower compartments shall be 36 inches ( 915 mm ) by 36 inches ( 915 mm ) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch ( 915 mm ) wide minimum entry on the face of the shower compartment. Clearance of 36 inches ( 915 mm ) wide minimum by 48 inches (1220 mm ) long minimum measured from the control wall shall be provided. | Lacks clear floor space on the exterior of the transfer shower due to bench location | Remove bench to provide appropriate CFS on the exterior of the transfer shower | 2015 ABAAS Section: 608.2.1 <br> 2012 TAS Section: 608.2.1 <br> 2010 ADAS Section: 608.2.1 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 363 | Red Oak: Red Oak Men's Shower | $\begin{aligned} & {[30.6543258} \\ & -95.006250 \\ & 8] \end{aligned}$ | The shower seat height is noncompliant. A seat in a standard roll-in shower compartment shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3 inches of the compartment entry. A seat in an alternate roll-in type shower compartment shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches of the compartment entry. The top of the seat shall be 17 inches minimum and 19 inches maximum above the bathroom finish floor. | The shower seat mounted at 20.25" aff | Remount shower seat to b 17" to 19" aff. | 2015 ABAAS Section: 610.3 2012 TAS Section: 610.3 2010 ADAS Section: 610.3 |  |  |
| 364 | Red Oak: Red Oak Men's Shower | $\begin{gathered} {[30.6543304} \\ -95.006252 \\ 1] \end{gathered}$ | The shower seat height is noncompliant. A seat in a standard roll-in shower compartment shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3 inches of the compartment entry. A seat in an alternate roll-in type shower compartment shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches of the compartment entry. The top of the seat shall be 17 inches minimum and 19 inches maximum above the bathroom finish floor. | The shower seat 14 " from compartment entry | Remount shower bench so that the front edge is within 3 " of the opening. | 2015 ABAAS Section: 610.3 2012 TAS Section: 610.3 2010 ADAS Section: 610.3 |  |  |
| 365 | Red Oak: Red Oak Women's Restroom | $\begin{aligned} & {[30.6543338} \\ & -95.006260 \\ & 2] \end{aligned}$ | The threshold has a gap greater than $1 / 2$ inch wide. Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. | Door - gap of 1" at the doorway, 10\# push | For all doors along the public circulation route, fill gaps at door entries to max .5 ". For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice. | $\begin{aligned} & 2010 \text { ADAS } \\ & \text { Section: } \\ & \text { 404.2.3, } \\ & \text { 404.2.7, } \\ & \text { 404.2.4, } \\ & \text { 400.2.11, } \\ & \text { 404.2.11 } \\ & \text { Exception } \end{aligned}$ |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 366 | Red Oak: Red Oak Women's Restroom | $\begin{gathered} {[30.6543211} \\ -95.006252 \\ 1] \end{gathered}$ | The top rim of the sink is too high. All lavatories/sinks that are designated to be accessible shall be a minimum 17 inches in horizontal depth and mounted with the rim or counter edge no higher than 34 inches above the finished floor. | The top rim of the sink is 34.25 " aff | Lower sinks to max $34^{\prime \prime}$ aff to front of rim, in the alternative, leave as is citing construction tolerance. | 2015 ABAAS Section: 606.3 <br> 2012 TAS Section: 606.3 <br> 2010 ADAS Section: 606.3 |  |  |
| 367 | Red Oak: Red Oak Women's Restroom | $\begin{gathered} {[30.6543131} \\ , \\ -95.006237 \\ 4] \end{gathered}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches ( 610 mm ) maximum. The high side reach shall be 48 inches ( 1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser 49" aff and coat hook $63.25{ }^{\prime \prime}$ | Lower hook to max 48" above the finished floor (AFF) to highest operable part. Lower soap to max $44^{\prime \prime}$ above the finished floor (AFF) for a forward reach over counter. | 2015 ABAAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2012 TAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2010 ADAS <br> Section: <br> 308.2.1, <br> 308.3.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 368 | Red Oak: Red Oak Women's Restroom | $\begin{gathered} {[30.6543281} \\ , \\ -95.006244 \\ 1] \end{gathered}$ | There are not enough accessible toilet compartments. The room contains 2 toilet compartments. A minimum of 1 must be wheelchair accessible . | Lacks wheelchair accessible stall, ambulatory only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights. | 2015 ABAAS <br> Section: <br> F213.3.1 <br> 2012 TAS <br> Section: <br> 213.3.1 <br> 2010 ADAS Section: 213.3.1 |  |  |
| 369 | Red Oak: Red Oak Women's Restroom | $\begin{gathered} {[30.6543154} \\ -95.006252 \\ 1] \end{gathered}$ | The ambulatory stall is not between 35 " to 37 " wide and 60 " deep. | ambulatory stall 39" wide | Correct ambulatory stall to be 35 " to 37 " wide and minimum 60 " deep, in the alternative, use existing stall to create required wheelchair stall. | 2015 ABAAS <br> Section: <br> 604.8.2.1 <br> 2012 TAS <br> Section: <br> 604.8.2.1 <br> 2010 ADAS <br> Section: <br> 604.8.2.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 370 | Red Oak: Red Oak Women's Restroom | $\begin{array}{\|c} {[30.65432,} \\ -95.006241 \\ 4] \end{array}$ | The toilet is not located within the range to the side wall or partition. The centerline of the toilet shall be 17 inches minimum and 19 inches maximum side wall or partition in the ambulatory accessible toilet compartment. | Centerline of the toilet is 21 from the side wall | Remount toilet to $17^{\prime \prime}$ to $19^{\prime \prime}$ from the side wall to center line in ambulatory stalls or $16{ }^{\prime \prime}$ to 18 " in new wheelchair stall. | 2015 ABAAS <br> Section: <br> 604.9.1 <br> 2012 TAS <br> Section: <br> 604.9.1 <br> 2010 ADAS Section: 604.9.1 |  |  |
| 371 | Red Oak: Red Oak Women's Restroom | $\begin{gathered} {[30.6543165} \\ - \\ -95.006245 \\ 4] \end{gathered}$ | The grab bar height and/or spacing fails. Grab bars must be mounted between $33^{\prime \prime}$ and 36 " to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of 1.5 " of clearance below and minimum 12" above the grab bar to any dispenser or other obstruction. | TP 5" above grab bar | Remount toilet paper dispenser max 7 " to 9 " from front of toilet, 15 " to 48 " aff and min 12 " above or 1.5 " below grab bar. | 2015 ABAAS <br> Section: <br> 609.3, 609.4 <br> 2012 TAS <br> Section: <br> 609.4, 609.3 <br> 2010 ADAS <br> Section: <br> 609.3, 609.4 |  |  |
| 372 | Red Oak: Red Oak Women's Restroom | $\begin{array}{\|c} \hline[30.65432, \\ -95.006241 \\ 4] \end{array}$ | The route of travel at this location does not provide a minimum width of 36 inches. The clear width shall be permitted to be reduced to 32 inches minimum for a length of 24 inches maximum provided that reduced width segments are separated by segments that are 48 inches long minimum and 36 inches wide minimum. | 33.25 " between garbage can and wall | Relocate obstacles to create AR through restroom. | 2015 ABAAS <br> Section: <br> 403.5.1 <br> 2012 TAS <br> Section: <br> 403.5.1 <br> 2010 ADAS Section: 403.5.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 373 | Red Oak: Red Oak Women's Restroom | $\begin{aligned} & {[30.6543165} \\ & -95.006234 \\ & 7] \end{aligned}$ | The hand dryer projects more than 4 inches into the circulation path. Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Hand dryer protrudes 5.75" | Relocate protruding objects or place cane detectable warning or bollard at foot of item. | 2015 ABAAS Section: 307.2 <br> 2012 TAS Section: 307.2 <br> 2010 ADAS Section: 307.2 |  | $\qquad$ |
| 374 | Red Oak: Red Oak Women's Restroom | $\begin{array}{\|c} {[30.6543338} \\ , \\ -95.006242 \\ 8] \end{array}$ | Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch $(13 \mathrm{~mm})$ diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gap of 5" at floor drain | Fill and maintain gaps to max .5" | 2015 ABAAS Section: 302.3 <br> 2012 TAS Section: 302.3 <br> 2010 ADAS Section: 302.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 375 | Red Oak: Red Oak Women's Shower | $\begin{gathered} {[30.6543361} \\ -95.006237 \\ 4] \end{gathered}$ | The bench is not deep enough or long enough or is missing. Benches shall be provided having seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches ( 1065 mm ) long minimum and shall extend from a point 2 inches ( 51 mm ) maximum above the seat surface to a point 18 inches ( 455 mm ) minimum above the seat surface. Back support shall be $2^{1 / 2} 2$ inches ( 64 mm ) maximum from the rear edge of the seat measured horizontally. The top of the bench seat surface shall be 17 inches ( 430 mm ) minimum and 19 inches $(485 \mathrm{~mm})$ maximum above the finish floor or ground. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench | bench dimensions fail -41" long x 16.25" deep and is not affixed to the wall | Replace bench in dressing area with one having a seat depth of 20 " to $24^{\prime \prime}$ deep, $42^{\prime \prime}$ long, affixed to the wall or having a back and mounted 17 " to 19 " AFF and provide required clear floor space on the short axis of the bench. | 2012 TAS Section: 903.4, 903.2, 903.3, 903.5 <br> 2010 ADAS Section: 903.4, 903.2, 903.3, 903.5 |  | $\underset{4}{\operatorname{sen}^{\text {Ennnh }}}$ |
| 376 | Red Oak: Red Oak Women's Shower | $\begin{gathered} {[30.6543177} \\ -95.006248 \\ 1] \end{gathered}$ | Transfer type shower compartments shall be 36 inches ( 915 mm ) by 36 inches ( 915 mm ) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch ( 915 mm ) wide minimum entry on the face of the shower compartment. Clearance of 36 inches ( 915 mm ) wide minimum by 48 inches (1220 mm ) long minimum measured from the control wall shall be provided. | Transfer shower 34.75 " wide | Enlarge transfer shower to compliant 36 " by 36 " clear inside dimension. | 2015 ABAAS <br> Section: <br> 608.2.1 <br> 2012 TAS <br> Section: <br> 608.2.1 <br> 2010 ADAS <br> Section: <br> 608.2.1 |  |  |
| 377 | Red Oak: Red Oak Women's Shower | $\begin{array}{\|c} {[30.6543258} \\ -9 \\ -95.006226 \\ 7] \end{array}$ | Transfer type shower compartments shall be 36 inches ( 915 mm ) by 36 inches ( 915 mm ) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch ( 915 mm ) wide minimum entry on the face of the shower compartment. Clearance of 36 inches ( 915 mm ) wide minimum by 48 inches ( 1220 mm ) long minimum measured from the control wall shall be provided. | Lacks clear floor space on the exterior of the transfer shower due to bench location | Remove bench to provide appropriate CFS on the exterior of the transfer shower | 2015 ABAAS Section: 608.2.1 <br> 2012 TAS <br> Section: <br> 608.2.1 <br> 2010 ADAS Section: 608.2.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 378 | Red Oak: Red Oak Women's Shower | $\begin{gathered} {[30.6543073} \\ -95.006245 \\ 4] \end{gathered}$ | In transfer type compartments, grab bars shall be provided across the control wall and back wall to a point 18 inches $(455 \mathrm{~mm})$ from the control wall. | Lacks grab bar on back wall | Provide grab bars in the shower mounted in the correct locations for the shower type | 2015 ABAAS <br> Section: <br> 608.3.1 <br> 2012 TAS <br> Section: <br> 608.3.1 <br> 2010 ADAS <br> Section: 608.3.1 |  |  |
| 379 | Red Oak: Red Oak Women's Shower | $\begin{gathered} {[30.6543165} \\ , \\ -95.006233 \\ 4] \end{gathered}$ | There is no hand held sprayer unit. The sprayer unit must have a 59 inches hose and be mounted 48 inches maximum to the top of mounting bracket off the floor. The shower spray unit shall have an on/off control with a non-positive shutoff. If an adjustable-height shower head on a vertical bar is used, the bar shall be installed so as not to obstruct the use of grab bars. | Lacks hose and fixed shower head is $48.75^{\prime \prime}$ aff | Replace shower control with a compliant lever control with a shower head on a 59" hose and usable as hand held or remount fixed shower head to max 48" AFF. In the alternative, leave as is citing construction tolerance. | 2015 ABAAS Section: 608.6 <br> 2012 TAS Section: 608.6 <br> 2010 ADAS Section: 608.6 |  | SHOWER SPRAY UNIT |
| 380 | Red Oak: Red Oak Women's Shower | $\begin{array}{\|c\|} \hline[30.6543154 \\ , \\ -95.006233 \\ 4] \end{array}$ | The shower seat height is noncompliant. A seat in a standard roll-in shower compartment shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3 inches of the compartment entry. A seat in an alternate roll-in type shower compartment shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches of the compartment entry. The top of the seat shall be 17 inches minimum and 19 inches maximum above the bathroom finish floor. | The shower seat 20" aff | Remount shower seat to 17" to 19" AFF. | 2015 ABAAS <br> Section: <br> 610.3 <br> 2012 TAS <br> Section: <br> 610.3 <br> 2010 ADAS Section: 610.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 381 | Red Oak: Red Oak Women's Shower | [30.6543269 <br> -95.006234 7] | The shower seat height is noncompliant. A seat in a standard roll-in shower compartment shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3 inches of the compartment entry. A seat in an alternate roll-in type shower compartment shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches of the compartment entry. The top of the seat shall be 17 inches minimum and 19 inches maximum above the bathroom finish floor. | The shower seat 14 " from compartment entry | Remount shower bench so that the front edge is within 3 " of the opening. | 2015 ABAAS Section: 610.3 2012 TAS Section: 610.3 2010 ADAS Section: 610.3 |  |  |
| 382 | Red Oak: Site 48 | $\begin{aligned} & \hline[30.65691, \\ & -95.00105] \end{aligned}$ | Site occupied, unable to audit | occupied at time of audit, appears to have similar issues to site 55 | Assure site meets camping standards as a smart practice. | Capture Section: 1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 383 | Yaupon Loop: Yaupon Loop Restroom Parking and Exterior Accessible Route | $\begin{aligned} & \hline[30.65691, \\ & -95.00105] \end{aligned}$ | Element meets all standards and requirements | Parking lot complies with scoping - 9 standard stalls, 1 accessible | None | 2010 ADAS <br> Section: N/A |  |  |
| 384 | Yaupon Loop: <br> Yaupon Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6547042} \\ -95.004354 \\ 5] \end{gathered}$ | There are no van accessible parking stalls. 1 in every 6 , minimum of one, required accessible stalls must be a van accessible stall. There are a total of 9 parking stalls in the parking lot that could be reasonably associated with this facility. There should be a minimum of 1 accessible stalls with a minimum of 1 being designed as van accessible. | access aisle 92" for a van accessible parking space | Add van parking sign to 1 accessible stall and repaint stall and access aisle to $11^{\prime}$ and $5^{\prime}$ or $8^{\prime}$ and $8^{\prime}$. | 2015 ABAAS Section: F208.2, F208.2.4 2012 TAS Section: 208.2, 208.2.4 2010 ADAS Section: 208.2, 208.2.4 |  | $\begin{array}{cc}\underline{\#} & = \\ \vdots & \vdots \\ \vdots & \vdots\end{array}$ |
| 385 | Yaupon Loop: <br> Yaupon Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6546166} \\ -95.004421 \\ 1] \end{gathered}$ | There is a gap spaced greater than a $1 / 2$ inch. Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | $\begin{gathered} \text { Gaps of } .75^{\prime \prime} \text { and } \\ 1.25^{\prime \prime} \end{gathered}$ | Correct or fill gaps to be max .5" | 2015 ABAAS <br> Section: <br> 302.3 <br> 2012 TAS <br> Section: 302.3 <br> 2010 ADAS Section 302.3 |  |  |
| 386 | Yaupon Loop: Yaupon Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6547238} \\ -9 \\ -95.004406 \\ 8] \end{gathered}$ | The walkway contains abrupt vertical edges and/or variations over a $1 / 4$ inch. $1 / 4$ inch is the maximum vertical rise. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at $1: 2$ or less. Changes in level greater than $1 / 2$ inch must be by way of a ramp. | change in level of 1.25 from parking | Repair, bevel or ramp CIL along AR | 2012 TAS Section: 303.2, 303.3 <br> 2010 ADAS Section: 303.2, 303.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 387 | Yaupon Loop: Yaupon Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6547269} \\ , \\ -95.004403 \\ 1] \end{gathered}$ | The accessible route contains cross slopes greater than $2 \%$. Cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). | Slope of $3.1 \%$ from parking | Correct or repair cross slope along AR to $\max 2.08 \%$ | 2015 ABAAS Section: 403.3 2012 TAS Section: 403.3 2010 ADAS Section: 403.3 |  | $\left.\frac{\overline{1}}{\text { 隹 }}\right\|_{0} ^{-\infty}=\frac{\overline{=}}{=}$ |
| 388 | Yaupon Loop: Yaupon Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6547388} \\ , \\ -95.004471 \\ 2] \end{gathered}$ | The angle of the water flow is to great from a spout located less than 3 inches from the front of the drinking fountain. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. | Fountain at restrooms - Water stream exceeds 30-degree maximum | Adjust spout flow to max 30 degrees measured from the front of the unit | 2015 ABAAS Section: 602.6 2012 TAS Section: 602.6 2010 ADAS Section: 602.6 |  |  |
| 389 | Yaupon Loop: <br> Yaupon Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6547353} \\ -95.004465 \\ 8] \end{gathered}$ | The water flow from the spout is too low. The spout shall provide a flow of water 4 inches high minimum. | Fountain at restrooms - Drinking fountain inoperable, unable to test water flow | Adjust spout flow height to min 4" when reinstated. | 2015 ABAAS Section: 602.6 2012 TAS Section: 602.6 2010 ADAS Section: 602.6 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 392 | Yaupon Loop: <br> Yaupon Loop Men's Restroom | $\begin{gathered} {[30.6547422} \\ , \\ -95.004522 \\ 1] \end{gathered}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches ( 610 mm ) maximum. The high side reach shall be 48 inches (1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser 49" aff | Lower operating mechanisms of soap dispenser to max 48 " aff to highest operable part. | 2015 ABAAS Section: 308.2.1, 308.3.2 2012 TAS Section: 308.2.1, 308.3.2 2010 ADAS Section: 308.2.1, 308.3.2 |  |  |
| 393 | Yaupon Loop: <br> Yaupon Loop Men's Restroom | $\begin{array}{\|c} {[30.6547434} \\ -9 \\ -95.004516 \\ 8] \end{array}$ | There are not enough accessible toilet compartments. The room contains several toilet compartments. A minimum of 1 must be wheelchair accessible . | Lacks wheelchair accessible stall ambulatory only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights. | 2015 ABAAS Section: F213.3.1 <br> 2012 TAS Section: 213.3.1 <br> 2010 ADAS Section: 213.3.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 394 | Yaupon Loop: <br> Yaupon Loop <br> Men's Restroom | $\begin{gathered} {[30.6547515} \\ -95.004518 \\ 1] \end{gathered}$ | The ambulatory stall is not between 35 " to 37 " wide and 60 " deep. | Stall dimensions fail stall is $37.5^{\prime \prime}$ wide $x$ 58.5" deep | Correct ambulatory stall to be 35 " to 37 " wide and minimum $60^{\prime \prime}$ deep. In the alternative, use existing stall to create required wheelchair stall. | 2015 ABAAS <br> Section: <br> 604.8.2.1 <br> 2012 TAS <br> Section: <br> 604.8.2.1 <br> 2010 ADAS <br> Section: <br> 604.8.2.1 |  |  |
| 395 | Yaupon Loop: <br> Yaupon Loop Men's Restroom | $\begin{aligned} & {[30.6547445} \\ & -95 \\ & -904520 \\ & 8] \end{aligned}$ | The stall door fails to comply with all of the door requirements. The stall door must be a minimum of 32 " wide and have compliant hardware on both sides. The stall door must be self-closing. | Lacks self-closing door | Adjust stall door to be self-closing | 2015 ABAAS <br> Section: <br> 404.2.3, <br> 404.2.7, <br> 604.8.2.2 <br> 2012 TAS <br> Section: <br> 404.2.3, <br> 404.2.7, <br> 604.8.2.2 <br> 2010 ADAS <br> Section: <br> 404.2.3, <br> 404.2.7, <br> 604.8.2.2 |  |  |
| 396 | Yaupon Loop: <br> Yaupon Loop Men's Restroom | $\begin{gathered} {[30.6547515} \\ , \\ -95.004518 \\ 1] \end{gathered}$ | The side grab bars are not in the correct location. Grab bars on the side wall must be installed so that the end closest to the rear wall is maximum 12 from the rear wall. The end furthest from the rear wall must be mounted minimum 54 " from the rear wall. | Side grab bar ends 52.5 from rear wall | Remount side grab bar to max 12 " from the rear wall at the close end and min 54 " on the far end, and 33 " to 36 " aff. | 2015 ABAAS Section: 604.5.1 <br> 2012 TAS Section: 604.5.1 <br> 2010 ADAS Section: 604.5.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 400 | Yaupon Loop: <br> Yaupon Loop <br> Men's Shower | $\begin{gathered} {[30.654748,} \\ -95.004522 \\ 1] \end{gathered}$ | The bench is not deep enough or long enough or is missing. Benches shall be provided having seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches ( 1065 mm ) long minimum and shall extend from a point 2 inches ( 51 mm ) maximum above the seat surface to a point 18 inches ( 455 mm ) minimum above the seat surface. Back support shall be $2^{1 ⁄ 2} 2$ inches ( 64 mm ) maximum from the rear edge of the seat measured horizontally. The top of the bench seat surface shall be 17 inches ( 430 mm ) minimum and 19 inches ( 485 mm ) maximum above the finish floor or ground. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench | Bench dimensions fail - one is $11.5^{\prime \prime}$ deep and the other $15^{\prime \prime}$ deep | Replace bench in dressing area with one having a seat depth of $20^{\prime \prime}$ to $24^{\prime \prime}$ deep, $42^{\prime \prime}$ long, affixed to the wall or having a back and mounted 17 " to 19 " AFF and provide required clear floor space on the short axis of the bench. | 2012 TAS Section: 903.4, 903.2, 903.3, 903.5 <br> 2010 ADAS Section: 903.4, 903.2, 903.3, 903.5 |  | $\operatorname{sen}_{48^{\text {min }}}$ |
| 401 | Yaupon Loop: <br> Yaupon Loop <br> Men's Shower | $\begin{gathered} {[30.6547469} \\ , \\ -95.004522 \\ 1] \end{gathered}$ | Transfer type shower compartments shall be 36 inches ( 915 mm ) by 36 inches ( 915 mm ) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch ( 915 mm ) wide minimum entry on the face of the shower compartment. Clearance of 36 inches ( 915 mm ) wide minimum by 48 inches (1220 mm ) long minimum measured from the control wall shall be provided. | Transfer shower 36.5" wide | Renovate transfer shower to compliant 36" by 36 " clear inside dimension. In the alternative, leave as is citing construction tolerance. | 2015 ABAAS Section: 608.2 .1 2012 TAS Section: 608.2.1 2010 ADAS Section: 608.2.1 |  |  |
| 402 | Yaupon Loop: <br> Yaupon Loop <br> Men's Shower | $\begin{gathered} {[30.6547492} \\ , \\ -95.004518 \\ 1] \end{gathered}$ | Transfer type shower compartments shall be 36 inches ( 915 mm ) by 36 inches ( 915 mm ) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch ( 915 mm ) wide minimum entry on the face of the shower compartment. Clearance of 36 inches ( 915 mm ) wide minimum by 48 inches (1220 mm ) long minimum measured from the control wall shall be provided. | Lacks clear floor space on the exterior of the transfer shower due to bench location | Remove bench to provide appropriate CFS on the exterior of the transfer shower. | 2015 ABAAS Section: 608.2.1 <br> 2012 TAS Section: 608.2.1 <br> 2010 ADAS Section: 608.2.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 403 | Yaupon Loop: Yaupon Loop Men's Shower | $\begin{gathered} {[30.6547457} \\ -95.004528 \\ 8] \end{gathered}$ | Shower controls are in the incorrect location In transfer type shower compartments, the controls, faucets, and shower spray unit shall be installed on the side wall opposite the seat 38 inches ( 965 mm ) minimum and 48 inches ( 1220 mm ) maximum above the shower floor and shall be located on the control wall 15 inches ( 380 mm ) maximum from the centerline of the seat toward the shower opening. | Diverter and shower head to close to back wall | Remount shower controls and shower head to the correct location in the transfer shower. | 2015 ABAAS <br> Section: <br> 608.5.1 <br> 2012 TAS <br> Section: <br> 608.5.1 <br> 2010 ADAS <br> Section: 608.5.1 |  |  |
| 404 | Yaupon Loop: <br> Yaupon Loop <br> Men's Shower | $\begin{array}{\|c} \hline[30.654748, \\ -95.004526 \\ 1] \end{array}$ | The shower seat height is noncompliant. A seat in a standard roll-in shower compartment shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3 inches of the compartment entry. A seat in an alternate roll-in type shower compartment shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches of the compartment entry. The top of the seat shall be 17 inches minimum and 19 inches maximum above the bathroom finish floor. | The shower seat mounted to 19.5 " aff | Remount shower seat to 17" to 19" AFF. | 2015 ABAAS Section: 610.3 <br> 2012 TAS Section: 610.3 <br> 2010 ADAS Section: 610.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 405 | Yaupon Loop: <br> Yaupon Loop Women's Restroom | $\begin{gathered} {[30.6547503} \\ , \\ -95.004527 \\ 5] \end{gathered}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches $(610 \mathrm{~mm}$ ) maximum. The high side reach shall be 48 inches ( 1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser 48.5" aff and coat hook at 62.5" | Lower soap dispenser and coat hook to max 48 " aff to highest operable part. | 2015 ABAAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2012 TAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2010 ADAS <br> Section: <br> 308.2.1, <br> 308.3.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 406 | Yaupon Loop: <br> Yaupon Loop Women's Restroom | $\begin{gathered} {[30.6547503} \\ -95.004520 \\ 8] \end{gathered}$ | There are not enough accessible toilet compartments. The room contains 2 toilet compartments. A minimum of 1 must be wheelchair accessible . | Lacks wheelchair accessible stall ambulatory only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights. | 2015 ABAAS <br> Section: <br> F213.3.1 <br> 2012 TAS <br> Section: <br> 213.3.1 <br> 2010 ADAS <br> Section: <br> 213.3.1 |  |  |
| 407 | Yaupon Loop: <br> Yaupon Loop Women's Restroom | $\begin{gathered} {[30.6547526} \\ -95.004516 \\ 8] \end{gathered}$ | The ambulatory stall is not between 35 " to 37 " wide and 60 " deep. | Stall dimensions fail 59 " deep | Correct ambulatory stall to be 35 " to 37 " wide and minimum 60" deep. In the alternative, use existing stall to create required wheelchair stall. | 2015 ABAAS <br> Section: 604.8.2.1 <br> 2012 TAS <br> Section: <br> 604.8.2.1 <br> 2010 ADAS Section: 604.8.2.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 408 | Yaupon Loop: <br> Yaupon Loop Women's Restroom | $\begin{aligned} & {[30.6547457} \\ & -95.004520 \\ & 8] \end{aligned}$ | The toilet is not located within the range to the side wall or partition. The centerline of the toilet shall be 17 inches minimum and 19 inches maximum side wall or partition in the ambulatory accessible toilet compartment. | Centerline of the toilet is 19.75 " from the partition | Remount toilet to 17 " to 19 " from the side wall to center line in ambulatory stalls or 16" to 18 " in new wheelchair stall. | 2015 ABAAS Section: 604.9.1 2012 TAS Section: 604.9.1 2010 ADAS Section: 604.9.1 |  |  |
| 409 | Yaupon Loop: <br> Yaupon Loop Women's Restroom | $\begin{gathered} {[30.6547492} \\ -95 \\ -95.004519 \\ 4] \end{gathered}$ | The side grab bars are not in the correct location. Grab bars on the side wall must be installed so that the end closest to the rear wall is maximum 12 " from the rear wall. The end furthest from the rear wall must be mounted minimum 54 " from the rear wall. | Side grab bar ends 51.75 " from rear wall | Remount side grab bar to max 12" from the rear wall at the close end and $\min 54$ " on the far end, and $33^{\prime \prime}$ to 36 " aff | 2015 ABAAS Section: 604.5.1 <br> 2012 TAS Section: 604.5.1 <br> 2010 ADAS Section: 604.5.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 410 | Yaupon Loop: <br> Yaupon Loop <br> Women's <br> Restroom | $\left[\begin{array}{c} {[30.6547469} \\ -95.004515 \\ 4] \end{array}\right.$ | The grab bar height and/or spacing fails. Grab bars must be mounted between 33 " and 36 " to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of 1.5 "of clearance below and minimum 12" above the grab bar to any dispenser or other obstruction. | TP 2.5" above side grab bar | Remount toilet paper dispenser max $7^{\prime \prime}$ to 9 " from front of toilet, 15 " to 48 " aff and min 12 "above or 1.5 " below grab bar. | 2015 ABAAS <br> Section: <br> 609.3, 609.4 <br> 2012 TAS <br> Section: <br> 609.4, 609.3 <br> 2010 ADAS <br> Section: <br> 609.3, 609.4 |  |  |
| 411 | Yaupon Loop: <br> Yaupon Loop Women's Restroom | $\begin{aligned} & {[30.6547515} \\ & -95 \\ & -95.004527 \\ & 5] \end{aligned}$ | The route of travel at this location does not provide a minimum width of 36 inches. The clear width shall be permitted to be reduced to 32 inches minimum for a length of 24 inches maximum provided that reduced width segments are separated by segments that are 48 inches long minimum and 36 inches wide minimum. | 33.75" between garbage can and wall | Relocate obstacles to create AR through restroom. | 2015 ABAAS Section: 403.5.1 <br> 2012 TAS Section: 403.5.1 <br> 2010 ADAS Section: 403.5.1 |  |  |
| 412 | Yaupon Loop: <br> Yaupon Loop Women's Restroom | $\begin{gathered} {[30.6547411} \\ , \\ -95.004507 \\ 4] \end{gathered}$ | The hand dryer projects more than 4 inches into the circulation path. Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Hand dryer protrudes 5.75" | Relocate protruding objects or place cane detectable warning or bollard at foot of item. | 2015 ABAAS Section: 307.2 <br> 2012 TAS Section: 307.2 <br> 2010 ADAS Section: 307.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 413 | Yaupon Loop: <br> Yaupon Loop <br> Women's <br> Restroom | $\begin{gathered} {[30.6547503} \\ -95.004523 \\ 5] \end{gathered}$ | Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch ( 13 mm ) diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gap of 4.5" at floor drain | Fill and maintain gaps to max . ${ }^{\prime \prime}$ | 2015 ABAAS <br> Section: <br> 302.3 <br> 2012 TAS <br> Section: <br> 302.3 <br> 2010 ADAS Section: 302.3 |  |  |
| 414 | Yaupon Loop: <br> Yaupon Loop Women's Restroom | $\begin{aligned} & {[30.6547469} \\ & -95.004524 \\ & 8] \end{aligned}$ | The accessible route contains running slopes greater than 5 percent and cross slopes greater than 2 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope). | Slope of $2.5 \%$ near floor drain | Correct or repair slope to max $2.08 \%$. | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |
| 415 | Yaupon Loop: <br> Yaupon Loop Women's Restroom | $\begin{gathered} {[30.6547473} \\ -95.004516 \\ 6] \end{gathered}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. | Door - garbage in push side clearance, 13\# push | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice | 2010 ADAS Section: 404.2.3, 404.2.7, 404.2.4, 404.2.11, 404.2.11 Exception |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 416 | Yaupon Loop: Yaupon Loop Women's Shower | $\begin{gathered} {[30.6547492} \\ , \\ -95.004515 \\ 4] \end{gathered}$ | The bench is not deep enough or long enough or is missing. Benches shall be provided having seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches ( 1065 mm ) long minimum and shall extend from a point 2 inches ( 51 mm ) maximum above the seat surface to a point 18 inches ( 455 mm ) minimum above the seat surface. Back support shall be $2^{1 / 2}$ inches ( 64 mm ) maximum from the rear edge of the seat measured horizontally. The top of the bench seat surface shall be 17 inches ( 430 mm ) minimum and 19 inches $(485 \mathrm{~mm})$ maximum above the finish floor or ground. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench | Bench dimensions fail - one is 15 " deep and the other 11.5" deep | Replace bench in dressing area with one having a seat depth of 20 " to 24 " deep, 42 " long, affixed to the wall or having a back and mounted 17" to 19" AFF and provide required clear floor space on the short axis of the bench. | 2012 TAS Section: 903.4, 903.2, 903.3, 903.5 <br> 2010 ADAS Section: 903.4, 903.2, 903.3, 903.5 |  | $\underset{\underbrace{}_{4}{ }_{48^{\text {P min }}}^{\text {Bench }}}{ }$ |
| 417 | Yaupon Loop: Yaupon Loop Women's Shower | $\begin{gathered} {[30.6547503} \\ , \\ -95.004526 \\ 1] \end{gathered}$ | Transfer type shower compartments shall be 36 inches ( 915 mm ) by 36 inches ( 915 mm ) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch ( 915 mm ) wide minimum entry on the face of the shower compartment. Clearance of 36 inches ( 915 mm ) wide minimum by 48 inches ( 1220 mm ) long minimum measured from the control wall shall be provided. | Lacks clear floor space on the exterior of the transfer shower due to bench location | Remove bench to provide appropriate CFS on the exterior of the transfer shower. | 2015 ABAAS Section: 608.2. 1 <br> 2012 TAS Section: 608.2.1 <br> 2010 ADAS Section: 608.2.1 |  |  |
| 418 | Yaupon Loop: Yaupon Loop Women's Shower | $\begin{aligned} & {[30.6547549} \\ & , \\ & -95.004526 \\ & 1] \end{aligned}$ | The shower seat is located too far from the opening to the shower. A seat in an alternate roll-in type shower compartment shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches of the compartment entry. The top of the seat shall be 17 inches minimum and 19 inches maximum above the bathroom finish floor. | The shower seat is 5.5" from compartment entry | Remount shower bench so that the front edge is within 3 " of the opening. | 2015 ABAAS Section: 610.3 <br> 2012 TAS Section: 610.3 <br> 2010 ADAS Section: 610.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 419 | Yaupon Loop: <br> Yaupon Loop Women's Shower | [30.6547503 <br> -95.004516 8] | The shower seat does not have a compliant space between it and the wall. The folding seat must be mounted 17-19 inches above the floor, and have a maximum space of $1-1 / 2$ inches between the edge of the seat and the side wall and $2-1 / 2$ inches maximum to the seat wall. | The shower seat mounted $15.5^{\prime \prime}$ from back wall and $2.5^{\prime \prime}$ from back wall | Remount shower seat to the correct location and height in the shower. | 2015 ABAAS <br> Section: <br> 610.3.2 <br> 2012 TAS <br> Section: <br> 610.3.2 <br> 2010 ADAS Section: 610.3.2 |  | $=\square$ |
| 420 | Yaupon Loop: <br> Yaupon Loop <br> Dump Station | [30.6548135 <br> -95.003432 9] | Water spouts at water hydrants and water utility hook-ups shall be 28 inches ( 710 mm ) minimum and 36 inches ( 915 mm ) maximum above the ground. | water spout 59" | Remount water spouts to $28^{\prime \prime}$ min or $366^{\prime \prime}$ max above the ground as a smart practice. | 2015 ABAAS <br> Section: <br> 1011.6 |  |  |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 421 | Yaupon Loop: Site 35 | $\begin{array}{\|c} {[30.654485,} \\ -95.004691 \\ 1] \end{array}$ | An accessible access route is not provided between elements, spaces and the facilities provided within the accessible camping unit. At least one outdoor recreation access route shall connect accessible elements, spaces and facilities provided within camping units with mobility features. | Lacks accessible route to restrooms | Create AR with crushed and compacted stone or similar outdoor material to camp sites and one of each type of amenity. | 2015 ABAAS <br> Section: <br> F244.5.1 |  |  |
| 422 | Yaupon Loop: Site 35 | $\begin{gathered} {[30.6545057} \\ , \\ -95.004672 \\ 3] \end{gathered}$ | Picnic tables shall provide at least one wheelchair space for each 24 linear feet ( 7320 mm ) of usable table surface perimeter. Wheelchair spaces shall be 30 inches ( 760 mm ) minimum by 48 inches $(1220 \mathrm{~mm})$ minimum. Wheelchair spaces shall be positioned for a forward approach to the table and provide knee and toe clearance complying with 306 under the table | Lacks picnic table of accessible design | Replace picnic table with one of an accessible design as a smart practice | 2015 ABAAS Section: 1011.4.2 |  |  |
| 423 | Yaupon Loop: Site 35 | $\begin{gathered} {[30.654493,} \\ -95.004695 \\ 1] \end{gathered}$ | Fire building surfaces shall be 9 inches (230 mm ) minimum above the ground. | Fire building surface 2 " above surrounding ground leve | Correct fire building surface to be 9 " min above the ground as a smart practice. In the alternative, replace fire ring with a compliant accessible fire ring. | 2015 ABAAS Section: 1011.5.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 424 | Yaupon Loop: Site 35 | $\begin{aligned} & \hline[30.6544965 \\ & \dot{\prime} \\ & -95.004684 \\ & 4] \end{aligned}$ | There is no accessible route to the campsite utility (water, electricity, and sewer) hook ups. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible route to campsite water, electricity, and sewer | Create an accessible route with crushed stone or other outdoor material from parking or walkway to the campsite water, electricity, and sewer hook ups | 2015 ABAAS Section: F206.2.2 2012 TAS Section: 206.2.2 2010 ADAS Section: 206.2.2 |  |  |
| 425 | Yaupon Loop: Site 35 | $\begin{aligned} & {[30.6544907} \\ & -95.004689 \\ & 8] \end{aligned}$ | Water spouts at water hydrants and water utility hook-ups shall be 28 inches ( 710 mm ) minimum and 36 inches ( 915 mm ) maximum above the ground | Water spout is 12 " above ground level | Remount water spouts to 28 " min or 36 " max above the ground as a smart practice | 2015 ABAAS Section: 1011.6 |  |  |
|  |  |  |  |  |  |  |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 429 | Yaupon Loop: Site 21 | $\begin{aligned} & {[30.6559144} \\ & , \\ & -95.004728 \\ & 6] \end{aligned}$ | There is no accessible route to the campsite utility (water, electricity, and sewer) hook ups. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible route to campsite water, electricity, and sewer hook ups | Create an accessible route with crushed stone or other outdoor material from parking or walkway to the campsite water, electricity, and sewer hook ups | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS <br> Section: <br> 206.2.2 <br> 2010 ADAS <br> Section: <br> 206.2.2 |  |  |
| 430 | Yaupon Loop: Site 21 | $\begin{aligned} & {[30.6559155} \\ & -9 \\ & -95.004724 \\ & 6] \end{aligned}$ | Water spouts at water hydrants and water utility hook-ups shall be 28 inches ( 710 mm ) minimum and 36 inches ( 915 mm ) maximum above the ground | Water spout is $15^{\prime \prime}$ above ground level | Remount water spouts to 28 " min or 36 " max above the ground as a smart practice | 2015 ABAAS Section: 1011.6 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 431 | Picnic Area/Day Use - South: Picnic Area/Day Use South South Playground Parking and Exterior Accessible Route | $\begin{gathered} {[30.6570346} \\ , \\ -95.006697 \\ 4] \end{gathered}$ | There are no accessible parking stalls. Each lot where parking is provided for the public as clients, guests or employees, shall provide accessible parking and shall be located on the shortest accessible route of travel from adjacent parking to an accessible entrance. There are a total of 55 parking stalls in the parking lot that could be reasonably associated with this facility. There should be a minimum of 3 accessible stalls with a minimum of 1 being designed as van accessible. | Lacks accessible parking stalls - 55 standard, 0 accessible | Create one or more 8' accessible parking stalls, with one 5 ' adjacent access aisle, with proper signage and striping based on the total number of stalls | 2015 ABAAS Section: F208.2 <br> 2012 TAS Section: 208.2 2010 ADAS Section: 208.2 |  | $\bar{Z}$ $=$ <br> $\vdots$ $\vdots$ <br> $\vdots$ $\vdots$ <br> $\vdots$  |
| 432 | Picnic Area/Day Use - South: Picnic Area/Day Use South South Playground Parking and Exterior Accessible Route | $\begin{aligned} & {[30.65689,} \\ & -95.00674] \end{aligned}$ | There is no accessible route to the water spout. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. Water spouts at water hydrants and water utility hook-ups shall be 28 inches ( 710 mm ) minimum and 36 inches ( 915 $\mathrm{mm})$ maximum above the ground | Lacks accessible route to the water spout and water spout is $13^{\prime \prime}$ above ground level | Create an accessible route with crushed stone or other outdoor material from parking or walkway to the water spout Remount water spouts to 28 " min or 36 " max above the ground as a smart practice | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS Section: <br> 206.2.2 <br> 2010 ADAS Section: 206.2.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 433 | Picnic Area/Day Use - South: Picnic Area/Day Use South South Playground Parking and Exterior Accessible Route | $\begin{gathered} {[30.65689,} \\ -95.00674] \end{gathered}$ | An accessible access route is not provided between elements, spaces and the facilities provided within the accessible camping unit. At least one outdoor recreation access route shall connect accessible elements, spaces and facilities provided within camping units with mobility features. | Playground area lacks route to elements - 14 picnic tables/13 grills | Create AR with crushed and compacted stone or similar outdoor material to $20 \%$ of the tables and grills. | 2015 ABAAS Section: F244.5.1 |  |  |
|  |  |  |  |  |  |  |  |  |
| 434 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Playground | $\begin{gathered} {[30.6567623} \\ -95.005963 \\ 8] \end{gathered}$ | There is no accessible route to the play area. Accessible routes serving play areas shall comply with Chapter 4 and 1008.2 and shall be permitted to use the exceptions in 1008.2.1 through 1008.2.3. Where accessible routes serve ground level play components, the vertical clearance shall be 80 inches high ( 2030 mm ) minimum. | Lacks accessible route to playground | Create an AR to the play area. | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS Section: 1008.2 <br> 2010 ADAS Section: 206.2.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 435 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Playground | $\begin{gathered} {[30.6567992} \\ , \\ -95.005974 \\ 5] \end{gathered}$ | Play area shall have signage listing designated ages of intended users | Lacks signage listing designated ages of intended users | Acquire and install intended user signage and mount at designated entry as a smart practice | 2015 ABAAS Section: F240.1 <br> 2012 TAS Section: 240.1 <br> 2010 ADAS Section: 240.1 |  |  |
| 436 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Playground | $\begin{gathered} {[30.6567669} \\ , \\ -95.006057 \\ 7] \end{gathered}$ | Compliance with ASTM F 1951 for accessibility for ground surfaces on accessible routes, clear floor or ground spaces, and turning spaces has not been determined. Ground surfaces shall comply with ASTM F 1951. Ground surfaces shall be inspected and maintained regularly and frequently to ensure continued compliance with ASTM F 1951. | Playground surface assumed to be shredded rubber | Replace existing surface with an accessible surface such as EWF, PIP or tiles. | 2012 TAS <br> Section: <br> 1008.2.6.1 <br> 2010 ADAS <br> Section: <br> 1008.2.6.1 |  |  |
| 437 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Playground | $\begin{gathered} {[30.6567716} \\ , \\ -95.005985 \\ 3] \end{gathered}$ | Play area lacks designated entry. As a smart practice, play area should have a minimum 60" wide entry, free of changes in level, gaps, and slope. | lacks designated entry - continuous plastic playground border | Create designated entry by removing 60" portion of play area boundary as a smart practice. | 2015 ABAAS Section: F206.1 <br> 2012 TAS Section: 206.1 <br> 2010 ADAS Section: 206.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 438 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Playground | $\begin{gathered} {[30.6567808} \\ \prime \\ -95.006038 \\ 9] \end{gathered}$ | Element meets all standards and requirements | 7 of 2 types ground level play components would be on a route with corrections - Swings (6), slides (1) | None | 2010 ADAS <br> Section: N/A |  |  |
| 439 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day <br> Use - South <br> Men's Restroom | $\begin{gathered} {[30.6575549} \\ , \\ -95.007939 \\ 3] \end{gathered}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Maneuvering clearances shall have a max slope of $2.08 \%$. The sweep period for doors with closers shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door. Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. The bottom 10 inches on the push side must be smooth and free of obstructions (hold open devices). Opening hardware must be mounted between 30 and 44 inches above the floor or ground. | Restroom Door - wall in maneuvering clearance on the pull side of the door, 9.5\# push, fast close, lacks push plate | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, inspect, adjust, and maintain closing speed on door closers. For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice. For all doors along the public circulation route, provide kick plate on push side of door from floor to 10" AFF. | $\begin{aligned} & 2010 \text { ADAS } \\ & \text { Section: } \\ & \text { 404.2.3, } \\ & \text { 404.2.7, } \\ & \text { 404.2.4, } \\ & \text { 404.2.11, } \\ & \text { 404.2.11 } \\ & \text { Exception } \end{aligned}$ |  |  |
| 440 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575837} \\ , \\ -95.007937 \\ 9] \end{gathered}$ | Element meets all standards and requirements | Locked employee space (storage) Door locked, right leaf lacks hardware | None | 2010 ADAS <br> Section: N/A |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 441 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575561} \\ -95.007959 \\ 4] \end{gathered}$ | Coat hooks provided within the room shall be located within one of the reach ranges specified in 308. Shelves shall be 40 inches $(1015 \mathrm{~mm})$ minimum and 48 inches ( 1220 mm ) maximum above the finish floor or ground. Where coat hooks or shelves are provided in dressing, fitting or locker rooms without individual compartments, at least one of each type shall comply with 803.5. Where coat hooks or shelves are provided in individual compartments at least one of each type complying with 803.5 shall be provided in individual compartments in dressing, fitting, or locker rooms required to comply with 222.1. | Coat hook - 63" aff | Remount at least one hook to max 48" aff | 2015 ABAAS Section: 308.2.1, 308.1, F222.2, 803.5 2012 TAS Section: 308.2.1, 308.1, 222.2, 803.5 2010 ADAS Section: 308.2.1, 308.1, 222.2, 803.5 |  |  |
| 442 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575584} \\ -95.007940 \\ 6] \end{gathered}$ | The bench is not deep enough or long enough or is missing. Benches shall be provided having seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches ( 1065 mm ) long minimum and shall extend from a point 2 inches ( 51 mm ) maximum above the seat surface to a point 18 inches ( 455 mm ) minimum above the seat surface. Back support shall be $2^{1 / 2} 2$ inches ( 64 mm ) maximum from the rear edge of the seat measured horizontally. The top of the bench seat surface shall be 17 inches ( 430 mm ) minimum and 19 inches $(485 \mathrm{~mm})$ maximum above the finish floor or ground. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench | bench dimensions fail -16" deep | Replace bench in dressing area with one having a seat depth of 20 " to $24^{\prime \prime}$ deep, $42^{\prime \prime}$ long, affixed to the wall or having a back and mounted $17^{\prime \prime}$ to 19 " AFF and provide required clear floor space on the short axis of the bench. | 2012 TAS Section: 903.4, 903.2, 903.3, 903.5 <br> 2010 ADAS Section: 903.4, 903.2, 903.3, 903.5 |  | $\square$ |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 443 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day <br> Use - South <br> Men's Restroom | $\begin{gathered} {[30.6575468} \\ , \\ -95.007919 \\ 1] \end{gathered}$ | There are no accessible bathing or shower facilities. Where facilities for bathing are provided for the public, clients or employees, including showers or bathtubs, at least one shower or bathtub and support facilities such as lockers, and not less than 1 percent of all facilities, shall be accessible. | Lacks accessible bathing or shower facilities | Create an accessible shower in locker/bathing room. | 2015 ABAAS Section: F213.3.6 2012 TAS Section: 213.3.6 2010 ADAS Section: 213.3.6 |  |  |
| 444 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{array}{\|c} {[30.657593,} \\ -95.007943 \\ 3] \end{array}$ | Minimum maneuvering clearances at doors <br> and gates shall comply with 404.2.4. <br> Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. <br> Maneuvering clearances shall have a max slope of $2.08 \%$. Door openings shall provide a clear width of 32 inches ( 815 mm ) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches ( 610 mm ) deep shall provide a clear opening of 36 inches ( 915 mm ) minimum. There shall be no projections into the required clear opening width lower than 34 inches ( 865 mm ) above the finish floor or ground. Projections into the clear opening width between 34 inches ( 865 mm ) and 80 inches ( 2030 mm ) above the finish floor or ground shall not exceed 4 inches ( 100 mm ). The threshold has a vertical change greater than $1 / 4$ inch high. The threshold has a gap greater than $1 / 2$ inch wide. The threshold at a doorway shall be no higher than $1 / 2$ inch. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at 1:2 or less. I/4 inch is the maximum vertical rise. All interior doors must be maintained so that the operating pressure does not exceed 5 lbf to open. The sweep period for doors with closers shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 | Main locker/dressing room door - wall in maneuvering clearance on the pull side of the door, 10\# push, rough surface on push side | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, secure rug in door clearance to prevent trip hazard. For all doors along the public circulation route, correct slope in door clearance to max $2.08 \%$. For all doors along the public circulation route, replace doors with doors having 80 " overhead clearance and 32 " clear width. For all doors along the public circulation route, repair, bevel, or ramp CILs at door entries to max . $25^{\prime \prime}$. For all doors along the public circulation route, fill gaps at door entries to max .5". For all doors along the public circulation route, provide beveled threshold. For all doors along the public circulation route, inspect, adjust, and maintain 5 lbf to open interior doors. For all doors along the public circulation route, inspect, adjust, and maintain closing speed on door closers. For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice. For all doors along the public circulation route, replace hardware with lever hardware or hardware operable without a tight pinch or grasp. For all doors along the public circulation route, replace hardware with lever hardware or hardware operable without a tight pinch or grasp and having a max profile of $4^{\prime \prime}$. For all doors along the public circulation route, provide kick plate on | 2010 ADAS Section: 404.2.3, 404.2.7, 404.2.4, 404.2.11, 404.2.11 Exception |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | inches from the latch, measured to the leading edge of the door. Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. Handactivated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate. Hardware shall be 34 inches minimum and 48 inches maximum above the finish floor or ground. The bottom 10 inches on the push side must be smooth and free of obstructions (hold open devices). Opening hardware must be mounted between 30 and 44 inches above the floor or ground. Doors, gates, and side lights adjacent to doors or gates, containing one or more glazing panels that permit viewing through the panels shall have the bottom of at least one glazed panel located 43 inches ( 1090 mm ) maximum above the finish floor. <br> EXCEPTION: Vision lights with the lowest part more than 66 inches ( 1675 mm ) from the finish floor or ground shall not be required to comply with 404.2.11. Egress doors shall provide a continuous and unobstructed way of egress travel from any point in a building or facility that provides an accessible route to an area of refuge, a horizontal exit, or a public way. |  | push side of door from floor to 10" AFF. For all doors along the public circulation route, remove door holder to provide a smooth surface on the push side of door from floor to 10 " AFF. For all doors along the public circulation route, replace doors with ones having sidelight viewing windows max 43" <br> AFF. For all doors along the public circulation route, enlarge cement pad at exit to allow 18 " clearance on the latch side, and extend a pathway away from the building for emergency egress. |  |  |  |
| 445 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575884} \\ -95.007951 \\ 3] \end{gathered}$ | All interior doors must be maintained so that the operating pressure does not exceed 5 lbf to open. Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate. Hardware shall be 34 inches minimum and 48 inches maximum above the finish floor or ground. | Door from restroom to locker room - door operating hardware is not accessible, 14\# push | For all doors along the public circulation route, inspect, adjust, and maintain 5 lbf to open interior doors. For all doors along the public circulation route, replace hardware with lever hardware or hardware operable without a tight pinch or grasp. | $\begin{aligned} & 2010 \text { ADAS } \\ & \text { Section: } \\ & 404.2 .3 \\ & 404.2 .7, \\ & 404.2 .4, \\ & 404.2 .11 \\ & \text { 404.2.11 } \\ & \text { Exception } \end{aligned}$ |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 446 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575514} \\ , \\ -95.007943 \\ 3] \end{gathered}$ | The restroom sign does not comply with one or more applicable requirements for the location, height, and properties of the sign. | Lacks braille lettering and raised characters on restroom signage, lacks symbol of access | Replace sign with one of contrasting colors that includes Braille, raised characters, and the symbol of accessibility and mount on the wall, latch side of the door, 48 " to the baseline of the lowest character and 60" to the baseline of the highest character | 2015 ABAAS Section: F216.2, 703.1, 703.2, $703.5,703.6$ 2012 TAS Section: 216.2, 703.1, $703.2,703.5$, 703.6 2010 ADAS Section: 216.2, 703.1, $703.2,703.5$, 703.6 |  |  |
| 447 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575653} \\ \text {-95.007932 } \\ 5] \end{gathered}$ | The mirror is mounted too high. Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. | Bottom edge of reflecting surface of mirror is 45.5" aff and top edge of reflecting surface is $68.5^{\prime \prime}$ aff | Replace mirror mount to max 40" AFF to the bottom reflective surface and 74 " to the top. | 2015 ABAAS Section: 603.3 <br> 2012 TAS Section: 603.3 <br> 2010 ADAS Section: 603.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 448 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575676} \\ -95.007924 \\ 5] \end{gathered}$ | Knee clearance at 27 inches off the floor is not 8 inches minimum deep. The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches. | Sink lacks 8" deep knee clearance due to wood panel under sink | Remove face board to provide 8" deep knee clearance. | 2015 ABAAS Section: 306.3.1, 306.3.2, 306.3.3, 306.3.4, 306.3.5 2012 TAS Section: 306.3.2, 306.3.3, 306.3.4, 306.3.5, 306.3.1 2010 ADAS Section: 306.3.3, 306.3.2, 306.3.4, 306.3. 306.3.1 |  |  |
| 449 | Picnic Area/Day Use - South Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575745} \\ -95.007937 \\ 9] \end{gathered}$ | The water and drain pipes under the lavatory are not adequately insulated. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | Wood panel covers pipes, unknown if pipes are insulated | Remove wood panel and insulate exposed pipes under one sink. | 2015 ABAAS Section: 606.5 <br> 2012 TAS Section: 606.5 <br> 2010 ADAS Section: 606.5 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 450 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575676} \\ -9 \\ -95.007927 \\ 2] \end{gathered}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches ( 610 mm ) maximum. The high side reach shall be 48 inches (1220 $\mathrm{mm})$ maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser 50" aff over sink | Lower soap dispenser to max 44" aff for a forward reach over counter | 2015 ABAAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2012 TAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2010 ADAS <br> Section: <br> 308.2.1, <br> 308.3.2 |  |  |
| 451 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575561} \\ , \\ -95.007937 \\ 9] \end{gathered}$ | The operable part is not accessible because there is not adequate clear floor space for either a forward or side approach. The clear floor or ground space shall be 30 inches minimum by 48 inches minimum. | Hand dryer lacks clear floor space | Remove, or relocate storage in CFS at fixtures and operable parts. | 2015 ABAAS Section: 305.3 <br> 2012 TAS Section: 305.3 <br> 2010 ADAS Section: 305.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 452 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575561} \\ -95.007943 \\ 3] \end{gathered}$ | There are not enough accessible toilet compartments. The room contains several toilet compartments. A minimum of 1 must be wheelchair accessible. | Lacks wheelchair accessible stall ambulatory only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights. | 2015 ABAAS <br> Section: <br> F213.3.1 <br> 2012 TAS <br> Section: <br> 213.3.1 <br> 2010 ADAS <br> Section: <br> 213.3.1 |  |  |
| 453 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575768} \\ \text {-95.007935 } \\ 2] \end{gathered}$ | The ambulatory stall is not between 35 " to 37 " wide and 60 " deep. | ambulatory stall 40" wide | Correct ambulatory stall to be 35 " to 37 " wide and minimum $60^{\prime \prime}$ deep. In the alternative, use existing stall to create required wheelchair stall. | 2015 ABAAS Section: 604.8.2.1 <br> 2012 TAS Section: 604.8.2.1 <br> 2010 ADAS Section: 604.8.2.1 |  |  |
| 454 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day <br> Use - South <br> Men's Restroom | $\begin{gathered} {[30.6575376} \\ \dot{\prime} \\ -95.007937 \\ 9] \end{gathered}$ | The dryer projects more than 4 inches into the circulation path. Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Hand dryer protrudes 8" | Relocate protruding objects or place cane detectable warning or bollard at foot of item | 2015 ABAAS Section: 307.2 <br> 2012 TAS Section: 307.2 <br> 2010 ADAS Section: 307.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 455 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575837} \\ \begin{array}{c} -95.007980 \\ 8] \end{array} \\ \hline \end{gathered}$ | The accessible route contains running slopes greater than 5 percent and cross slopes greater than 2 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope). | Slope of 3\% near floor drain | Correct or repair slope to max 5\% running and $2.08 \%$ cross | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |
| 456 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Men's Restroom | $\begin{gathered} {[30.6575537} \\ , \\ -95.007935 \\ 2] \end{gathered}$ | The coat hook is installed greater than 48 inches above the finished floor. Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor. | Coat hook 50" aff | Lower hooks in locker area to max 48" aff | 2015 ABAAS Section: 308.2.1 <br> 2012 TAS Section: 308.2.1 <br> 2010 ADAS Section: 308.2.1 |  |  |
|  |  |  |  |  |  |  |  |  |
| 457 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575976} \\ , \\ -95.007932 \\ 5] \end{gathered}$ | The restroom sign does not comply with one or more applicable requirements for the location, height, and properties of the sign | Lacks braille lettering and raised characters on restroom signage, lacks Symbol of access | Replace sign with one of contrasting colors that includes Braille, raised characters, and the symbol of accessibility and mount on the wall, latch side of the door, 48 " to the baseline of the lowest character and 60" to the baseline of the highest character | 2015 ABAAS <br> Section: <br> F216.2, <br> $703.1,703.2$, <br> $703.5,703.6$ <br> 2012 TAS <br> Section: <br> 216.2, 703.1, <br> $703.2,703.5$, <br> 703.6 <br>  <br> 2010 ADAS <br> Section: <br> 216.2, 703.1, <br> $703.2,703.5$, <br> 703.6 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 458 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575791} \\ , \\ -95.007943 \\ 3] \end{gathered}$ | The mirror is mounted too high. Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. | Bottom edge of reflecting surface of mirror is 44.5" aff and top edge of reflecting surface is 68.5 " aff | Replace mirror mount to max 40" AFF to the bottom reflective surface and 74 " to the top. | 2015 ABAAS Section: 603.3 2012 TAS Section: 603.3 2010 ADAS Section: 603.3 |  |  |
| 459 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575745} \\ , \\ -95.007921 \\ 8] \end{gathered}$ | Knee clearance at 27 inches off the floor is not 8 inches minimum deep. The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches. | Sink lacks 8" deep toe and knee clearance, remove wood panel under sink | Remove face board to provide 8" deep knee clearance. | 2015 ABAAS Section: 306.3.1, 306.3.2, 306.3.3, 306.3.4, 306.3.5 2012 TAS Section: 306.3.2, 306.3.3, 306.3.4, 306.3.5, 306.3.1 2010 ADAS Section: 306.3.3, 306.3.2, 306.3.4, 306.3. 306.3.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 460 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575561} \\ , \\ -95.007948 \\ 6] \end{gathered}$ | The water and drain pipes under the lavatory are not adequately insulated. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | Wood panel covers pipes, unknown if pipes are insulated | Remove wood panel and insulate exposed pipes under one sink. | 2015 ABAAS Section: 606.5 <br> 2012 TAS Section: 606.5 <br> 2010 ADAS Section: 606.5 |  |  |
| 461 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Women's Restroom | $\begin{array}{\|l} \hline[30.657563, \\ -95.007948 \\ 6] \end{array}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches ( 610 mm ) maximum. The high side reach shall be 48 inches (1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser 48" aff over 23" deep sink counter | Lower soap dispenser to max $44^{\prime \prime}$ aff for a forward reach over counter. | 2015 ABAAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2012 TAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2010 ADAS <br> Section: <br> 308.2.1, <br> 308.3.2 |  |  |



Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 464 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Women's Restroom | $\begin{array}{\|c} \hline[30.6575653 \\ \dot{\prime} \\ -95.007916 \\ 5] \end{array}$ | The toilet is not located within the range to the side wall or partition. The centerline of the toilet shall be 17 inches minimum and 19 inches maximum side wall or partition in the ambulatory accessible toilet compartment. | Centerline of the toilet is $22.5^{\prime \prime}$ from the side wall | Remount toilet to 17 " to 19 " from the side wall to center line in ambulatory stalls or 16 " to 18 " in new wheelchair stall. | 2015 ABAAS Section: 604.9.1 <br> 2012 TAS Section: 604.9.1 2010 ADAS Section: 604.9.1 |  |  |
| 465 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575768} \\ , \\ -95.007935 \\ 2] \end{gathered}$ | The stall door fails to comply with all of the door requirements. The stall door must be a minimum of 32 " wide and have compliant hardware on both sides. The stall door must be self-closing. | Lacks self-closing door | Adjust stall door to be self-closing. | 2015 ABAAS Section: 404.2.3, 404.2.7, 604.8.2.2 2012 TAS Section: 404.2.3, 404.2.7, 604.8.2.2 2010 ADAS Section: 404.2.3, 404.2.7, 604.8.2.2 |  |  |
| 466 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575607} \\ , \\ -95.007913 \\ 8] \end{gathered}$ | The side grab bars are not in the correct location. Grab bars on the side wall must be installed so that the end closest to the rear wall is maximum 12 " from the rear wall. The end furthest from the rear wall must be mounted minimum 54 " from the rear wall. | Side grab bar ends 52.5 from rear wall | Remount side grab bar to max 12 " from the rear wall at the close end and $\min 54$ " on the far end, and $33^{\prime \prime}$ to $36^{\prime \prime}$ aff. | 2015 ABAAS Section: 604.5.1 <br> 2012 TAS Section: 604.5.1 <br> 2010 ADAS Section: 604.5.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 467 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575445} \\ \dot{\prime} \\ -95.007935 \\ 2] \end{gathered}$ | The grab bar height and/or spacing fails. Grab bars must be mounted between 33 " and 36 " to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of 1.5 " of clearance below and minimum 12" above the grab bar to any dispenser or other obstruction. | TP 5" above side grab bar | Remount toilet paper dispenser max 7" to 9 " from front of toilet, 15 " to 48 " aff and min 12 " above or 1.5 " below grab bar. | 2015 ABAAS Section: 609.3, 609.4 <br> 2012 TAS Section: 609.4, 609.3 <br> 2010 ADAS Section: 609.3, 609.4 |  |  |
| 468 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575745} \\ -95.007921 \\ 8] \end{gathered}$ | The dryer projects more than 4 inches into the circulation path. Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Hand dryer protrudes | Relocate protruding objects or place cane detectable warning or bollard at foot of item | 2015 ABAAS Section: 307.2 <br> 2012 TAS Section: 307.2 <br> 2010 ADAS Section: 307.2 |  | $1$ |
| 469 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575491} \\ -95.007940 \\ 6] \end{gathered}$ | The accessible route contains running slopes greater than 5 percent and cross slopes greater than 2 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope). | Slope of $2.7 \%$ near floor drain | Correct or repair slope to max $2.08 \%$. | 2015 ABAAS Section: 403.3 2012 TAS Section: 403.3 2010 ADAS Section: 403.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 470 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575837} \\ \dot{\prime} \\ -95.007937 \\ 9] \end{gathered}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Maneuvering clearances shall have a max slope of $2.08 \%$. Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. The bottom 10 inches on the push side must be smooth and free of obstructions (hold open devices). Opening hardware must be mounted between 30 and 44 inches above the floor or ground. | Locker Room door wall in maneuvering clearance on the pull side of the door,12\# push, lacks kick plate | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice. For all doors along the public circulation route, provide kick plate on push side of door from floor to 10" AFF. | 2010 ADAS <br> Section: <br> 404.2.3, <br> 404.2.7, <br> 404.2.4, <br> 404.2.11, <br> 404.2.11 <br> Exception |  |  |
| 471 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575837} \\ \dot{\prime} \\ -95.007937 \\ 9] \end{gathered}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Maneuvering clearances shall have a max slope of $2.08 \%$. The sweep period for doors with closers shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door. Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. The bottom 10 inches on the push side must be smooth and free of obstructions (hold open devices). Opening hardware must be mounted between 30 and 44 inches above the floor or ground. | Restroom door Lacks smooth surface within 10" of the floor on the push side, garbage and hand dryer in push side clearance, 10\# push, fast close | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, inspect, adjust, and maintain closing speed on door closers. For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice. For all doors along the public circulation route, provide kick plate on push side of door from floor to 10" AFF. | 2010 ADAS Section: 404.2.3, 404.2.7, 404.2.4, 404.2.11, 404.2.11 Exception |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 472 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575791} \\ , \\ -95.007943 \\ 3] \end{gathered}$ | Coat hooks provided within the room shall be located within one of the reach ranges specified in 308 . Shelves shall be 40 inches $(1015 \mathrm{~mm}$ ) minimum and 48 inches ( 1220 mm ) maximum above the finish floor or ground. Where coat hooks or shelves are provided in dressing, fitting or locker rooms without individual compartments, at least one of each type shall comply with 803.5. Where coat hooks or shelves are provided in individual compartments at least one of each type complying with 803.5 shall be provided in individual compartments in dressing, fitting, or locker rooms required to comply with 222.1. | Coat hook 63" aff | Remount at least one hook to max 48" aff. | 2015 ABAAS Section: 308.2.1, 308.1, F222.2, 803.5 2012 TAS Section: 308.2.1, 308.1, 222.2, 803.5 2010 ADAS Section: 308.2.1, $308.1,222.2$, 803.5 | $10$ |  |
| 473 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575537} \\ -95.007940 \\ 6] \end{gathered}$ | The bench is not deep enough or long enough or is missing. Benches shall be provided having seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches ( 1065 mm ) long minimum and shall extend from a point 2 inches ( 51 mm ) maximum above the seat surface to a point 18 inches ( 455 mm ) minimum above the seat surface. Back support shall be $2^{1 / 2}$ inches ( 64 mm ) maximum from the rear edge of the seat measured horizontally. The top of the bench seat surface shall be 17 inches ( 430 mm ) minimum and 19 inches $(485 \mathrm{~mm})$ maximum above the finish floor or ground. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench | Bench dimensions fail -16" deep | Replace bench in dressing area with one having a seat depth of 20 " to $24^{\prime \prime}$ deep, $42^{\prime \prime}$ long, affixed to the wall or having a back and mounted $17^{\prime \prime}$ to $19^{\prime \prime}$ AFF and provide required clear floor space on the short axis of the bench. | 2012 TAS Section: 903.4, 903.2, 903.3, 903.5 <br> 2010 ADAS Section: 903.4, 903.2, 903.3, 903.5 |  | Bench |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 474 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575607} \\ -95.007932 \\ 5] \end{gathered}$ | There are no accessible bathing or shower facilities. Where facilities for bathing are provided for the public, clients or employees, including showers or bathtubs, at least one shower or bathtub and support facilities such as lockers, and not less than 1 percent of all facilities, shall be accessible. | Lacks accessible bathing or shower facilities | Create an accessible shower in locker/bathing room. | 2015 ABAAS <br> Section: <br> F213.3.6 <br> 2012 TAS Section: <br> 213.3.6 <br> 2010 ADAS Section: 213.3.6 |  |  |
| 475 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Women's Restroom | $\begin{gathered} {[30.6575791} \\ , \\ -95.007932 \\ 5] \end{gathered}$ | All interior doors must be maintained so that the operating pressure does not exceed 5 Ibf to open. Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate. Hardware shall be 34 inches minimum and 48 inches maximum above the finish floor or ground. | Door from restroom to locker room - door operating hardware is not accessible, 17\# push | For all doors along the public circulation route, inspect, adjust, and maintain 5 lbf to open interior doors. For all doors along the public circulation route, replace hardware with lever hardware or hardware operable without a tight pinch or grasp. | 2010 ADAS Section: 404.2.3, 404.2.7, 404.2.4, 404.2.11, 404.2.11 Exception |  |  |
| 476 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Recreation Hall Parking and Exterior Accessible Route | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | Element meets all standards and requirements | Parking lot complies with scoping - 21 standard stalls, 2 accessible | None | 2010 ADAS <br> Section: N/A |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 477 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Recreation Hall Parking and Exterior Accessible Route | $\begin{gathered} {[30.6569008} \\ -95.007798 \\ 4] \end{gathered}$ | The cross slopes (narrow dimension) and/or running slopes (long dimension) of the access aisle exceeds $2 \%$. The running slope and the cross slope in an accessible parking stall and the access aisle must not exceed 2\%. | Slope of $3.1 \%$ in right stall and $3.4 \%$ in access aisle | Repair or correct slope of parking space and access aisle to $\max 2.08 \%$ in any direction | 2015 ABAAS <br> Section: <br> 502.4 <br> 2012 TAS <br> Section: <br> 502.4 <br> 2010 ADAS <br> Section: 502.4 |  |  |
| 478 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Recreation Hall Parking and Exterior Accessible Route | $\left[\begin{array}{c} {[30.6568823} \\ -95.007836] \end{array}\right.$ | The van stall is missing a sign identifying it as a van accessible stall. Parking space identification signs shall include the International Symbol of Accessibility. Signs identifying van parking spaces shall contain the designation "van accessible." | The van stall is missing a sign identifying it as a van accessible stall | Add one van parking sign to van accessible stall and ensure stall and access aisle are $11^{\prime}$ and $5^{\prime}$ or $8^{\prime}$ and $8^{\prime}$. | 2015 ABAAS <br> Section: <br> 502.6 <br> 2012 TAS <br> Section: <br> 502.6 <br> 2010 ADAS <br> Section: 502.6 |  |  |
|  |  |  |  |  |  |  |  |  |




| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 482 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day <br> Use - South <br> Recreation Hall | $\begin{gathered} {[30.6576,} \\ -95.00774] \end{gathered}$ | The drinking fountain has multiple violations. Drinking fountains must be on an accessible route that provides a 30 inch by 48 inch clear floor space centered on the low unit, allowing a forward approach. Spout outlets shall be 36 inches maximum above the finish floor or ground. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4 inches high minimum and shall be located 5 inches maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Operable parts shall comply with applicable standards. | Multiple violations Height of water spout is between required heights for both a low and high bowl (36.75" aff), lacks knee clearance, and protrudes 11" | Replace drinking fountain with a hi-lo bowl fountain. | 2015 ABAAS <br> Section: <br> 403.5.1, <br> 602.1 <br> 2012 TAS <br> Section: <br> 403.5.1, <br> 602.1 <br> 2010 ADAS Section: 403.5.1, 602.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 483 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Recreation Hall | $\begin{gathered} {[30.6574522} \\ , \\ -95.008039 \\ 8] \end{gathered}$ | The operable part is not accessible because there is not adequate clear floor space for either a forward or side approach. The clear floor or ground space shall be 30 inches minimum by 48 inches minimum. | Lacks clear floor space at light switches/thermostat, outlets, and fire extinguisher due to storage | Remove, or relocate storage in CFS at fixtures and operable parts along the AR | 2015 ABAAS Section: 305.3 <br> 2012 TAS Section: 305.3 <br> 2010 ADAS Section: 305.3 |  |  |
| 484 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day <br> Use - South <br> Recreation Hall | [30.6574638 $-95.008045$ <br> 2] | The 4 light switches and thermostat are positioned too high for either a side or front approach. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground. Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. | 4 of 4 light switches and thermostat exceed reach range | Remount operable parts to be in reach range of 15 " min to 48 " max. | 2015 ABAAS Section: 308.1 <br> 2012 TAS Section: 308.1 <br> 2010 ADAS Section: 308.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |




| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 487 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day <br> Use - South <br> Recreation Hall | $\begin{gathered} {[30.6575053} \\ -\quad \\ -95.008085 \\ 4] \end{gathered}$ | Stairways must have handrails on both sides. Handrails and their extensions must be between 34 inches and 38 inches above the stair nosing or ground. The top handrails shall extend a minimum of 12 inches beyond the top nosing and shall be parallel with the floor or ground surface. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The orientation of at least one handrail, including the extension, shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4 inches minimum and 2 inches maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and $61 / 4$ inches maximum, and a cross-section dimension of 2-1/4 inches maximum. The hand grip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top or sides) shall be uninterrupted by newel posts, other construction elements or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Handrails projecting from a wall shall have a space of $1-1 / 2$ inches minimum between the wall and the handrail. Treads shall be 11 inches ( 280 mm ) deep minimum and uniform Open risers are not permitted. | Non-egress stairway to grill patio in rear of Rec Hall - Lacks handrails on both sides of stairway, lacks closed risers, and lacks 11" minimum tread depth (9.5" deep) | Install handrails on both sides of stairway, mounted 34 " to 38 " aff with top and bottom extensions and having a 1.25 " - $2^{\prime \prime}$ in diameter, or a non-circular grip that has a perimeter dimension of 4 "- 6.25 " max with a min gap of $1.5^{\prime \prime}$ between handrail and wall. Replace treads to be max 11 " deep and uniform. Install to be a uniform height of 4"-7". | 2015 ABAAS Section: 505.2 <br> 2012 TAS Section: 505.2 <br> 2010 ADAS Section: 505.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 488 | Picnic Area/Day Use - South: Picnic Area/Day Use - South Watercraft Rental | $\begin{gathered} {[30.6574091} \\ -95.006970 \\ 7] \end{gathered}$ | An accessible access route is not provided between elements, spaces and the facilities provided within the accessible camping unit. At least one outdoor recreation access route shall connect accessible elements, spaces and facilities provided within camping units with mobility features. | Watercraft area: lacks accessible route to features -17 picnic tables/15 grills | Create AR with crushed and compacted stone or similar outdoor material to $20 \%$ of the tables and grills and replace with ones of an accessible design. | 2015 ABAAS Section: F244.5.1 |  |  |
| 489 | Picnic Area/Day Use - South Picnic Area/Day Use - South Watercraft Rental | $\begin{gathered} \hline[30.6574, \\ -95.006967 \\ 6] \end{gathered}$ | There is no accessible route to the watercraft rental area. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible route to watercraft rental area | Create an accessible route with crushed stone or other outdoor material from parking or walkway to the watercraft rental area. | 2015 ABAAS Section: F206.2.2 2012 TAS Section: 206.2.2 2010 ADAS Section: 206.2.2 |  |  |
| 490 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day <br> Use - Old Amphitheater | $\left\lvert\, \begin{gathered} {[30.6574799} \\ -95.008289 \\ 3] \end{gathered}\right.$ | There is no accessible route to the Old Amphitheater and associated fire pit. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible to Old Amphitheater and associated fire pit | Create an accessible route with crushed stone or other outdoor material from parking or walkway to the Old Amphitheater and associated fire pit | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS <br> Section: <br> 206.2.2 <br> 2010 ADAS Section: 206.2.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 491 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Employee Spaces | $\left\lvert\, \begin{gathered} {[30.6575468} \\ -95.007946] \end{gathered}\right.$ | Spaces and elements within employee work areas shall only be required to comply with 206.2.8, 207.1, and 215.3 and shall be designed and constructed so that individuals with disabilities can approach, enter, and exit the employee work area. Employee work areas, or portions of employee work areas, other than raised courtroom stations, that are less than 300 square feet ( 28 m 2 ) and elevated 7 inches $(180 \mathrm{~mm})$ or more above the finish floor or ground where the elevation is essential to the function of the space shall not be required to comply with these requirements or to be on an accessible route. | Janitor closet opposite Recreation Hall -door locked, knob hardware | For employee spaces, relocate storage, furniture, and other obstacles at doorways to provide approach, enter and exit at the employee space. Replace hardware with lever hardware or hardware operable without a tight pinch or grasp. | 2015 ABAAS Section: F203.9 <br> 2012 TAS Section: 203.9 2010 ADAS Section: 203.9 |  |  |
| 492 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Employee Spaces | $\left\lvert\, \begin{gathered} {[30.6575676} \\ -95.007946] \end{gathered}\right.$ | Employee Work Areas. Common use circulation paths within employee work areas shall comply with 402. EXCEPTIONS: <br> 1. Common use circulation paths located within employee work areas that are less than 1000 square feet ( 93 m 2 ) and defined by permanently installed partitions, counters, casework, or furnishings shall not be required to comply with 402. 2. Common use circulation paths located within employee work areas that are an integral component of work area equipment shall not be required to comply with 402. 3. Common use circulation paths located within exterior employee work areas that are fully exposed to the weather shall not be required to comply with 402. | Electrical room behind former concessions counter 26 " clear width of approach | Make corrections for compliant circulation path. Widen route to compliant 36 " clear width. | 2015 ABAAS <br> Section: <br> F206.2.8, <br> F206.2.8.1, <br> F206.2.8.2 <br> 2012 TAS <br> Section: <br> 206.2.8, <br> 206.2.8 <br> Exception 1, 206.2.8 <br> Exception 2, 206.2.8 <br> Exception 3, 206.2.8 <br> Advisory 1, 206.2.8 <br> Advisory 2 <br> 2010 ADAS Section: <br> 206.2.8, <br> 206.2.8 <br> Exception 1, 206.2.8 <br> Exception 2, 206.2.8 <br> Exception 3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 493 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Employee Spaces | $\begin{gathered} \hline[30.6575791 \\ , \\ -95.007937 \\ 9] \end{gathered}$ | The transaction counter provides for a parallel approach and is not within the required height range. Transaction counters shall be 36 inches high maximum and a minimum of 36 inches wide and should extend the same depth as the sales or service counter tops. | Former concession counter -37" aff and 23 " wide | Lower 36 " wide segment of service counter to max 36 " aff if intended for use as a service counter. | 2015 ABAAS Section: 904.4.1 <br> 2012 TAS Section: 904.4.1 <br> 2010 ADAS Section: 904.4.1 |  |  |
| 494 | Picnic Area/Day <br> Use - South: <br> Picnic Area/Day Use - South Employee Spaces | $\left\lvert\, \begin{gathered} {[30.6575837} \\ -95.007932 \\ 5] \end{gathered}\right.$ | Spaces and elements within employee work areas shall only be required to comply with 206.2.8, 207.1, and 215.3 and shall be designed and constructed so that individuals with disabilities can approach, enter, and exit the employee work area. Employee work areas, or portions of employee work areas, other than raised courtroom stations, that are less than 300 square feet ( 28 m 2 ) and elevated 7 inches $(180 \mathrm{~mm})$ or more above the finish floor or ground where the elevation is essential to the function of the space shall not be required to comply with these requirements or to be on an accessible route. | Electrical room behind former concessions counter door locked, knob hardware, lacks maneuvering clearance | For employee spaces, relocate storage, furniture, and other obstacles at doorways to provide approach, enter and exit at the employee space. Provide required maneuvering clearance on push and pull side of doors. Replace hardware with lever hardware or hardware operable without a tight pinch or grasp. | 2015 ABAAS Section: F203.9 <br> 2012 TAS Section: 203.9 2010 ADAS Section: 203.9 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 495 | Pin Oak Loop: Pin Oak Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6697679} \\ -95.008895 \\ 5] \end{gathered}$ | There are no van accessible parking stalls. 1 in every 6, minimum of one, required accessible stalls must be a van accessible stall. There are a total of 4 parking stalls in the parking lot that could be reasonably associated with this facility. There should be a minimum of 1 accessible stalls with a minimum of 1 being designed as van accessible. | Lacks total required width of stall and access aisle (188") for a van accessible parking space | Add van parking sign to 1 accessible stall and repaint stall and access aisle to 11' and $5^{\prime}$ or $8^{\prime}$ and 8 ' per the table | 2015 ABAAS Section: F208.2, F208.2.4 2012 TAS Section: 208.2, 208.2.4 2010 ADAS Section: 208.2, 208.2.4 |  |  |
| 496 | Pin Oak Loop: Pin Oak Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6697379} \\ -95.008914 \\ 2] \end{gathered}$ | The accessible parking stall signage is incorrect and/or missing from each accessible parking space. Parking space identification signs shall include the International Symbol of Accessibility. Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches minimum above the finish floor or ground surface measured to the bottom of the sign. | The van stall is missing a sign identifying it as a van accessible stall | Acquire and mount at appropriate heights and locations accessible parking signs where missing | 2015 ABAAS Section: 502.6 2012 TAS Section: 502.6 |  | RESERVED PARKING |
| 497 | Pin Oak Loop: Pin Oak Loop Restroom Parking and Exterior Accessible Route | $\begin{array}{r} {[30.65691,} \\ -95.00105] \end{array}$ | Element meets all standards and requirements | Parking lot complies with scoping - 4 standard stalls, 1 accessible | None | 2010 ADAS <br> Section: N/A |  |  |
| 498 | Pin Oak Loop: Pin Oak Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6697577} \\ \prime \\ -95.008911 \\ 7] \end{gathered}$ | Minimum character height shall comply with Table 703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "l". | Lacks required character height on informational sign | Replace signage with compliant signage | 2015 ABAAS <br> Section: <br> 703.5.5 <br> 2012 TAS <br> Section: <br> 703.5.5 <br> 2010 ADAS <br> Section: <br> 703.5.5 |  | E $=-=-$ |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 499 | Pin Oak Loop: Pin Oak Loop Restroom Parking and Exterior Accessible Route | $\begin{aligned} & {[30.6697024} \\ & -95.009018 \\ & 9] \end{aligned}$ | Element meets all standards and requirements | Height of information sign and display box complies | None | 2010 ADAS <br> Section: N/A |  |  |
| 500 | Pin Oak Loop: Pin Oak Loop Restroom Parking and Exterior Accessible Route | $\begin{gathered} {[30.6697247} \\ , \\ -95.008897 \\ 9] \end{gathered}$ | The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48. | Slope of $2.2 \%$ slope near men's restroom and $2.7 \%$ at maintenance room | Correct running slopes to max $5 \%$ and cross to max $2.08 \%$. | 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |
| 501 | Pin Oak Loop: Pin Oak Loop Restroom Parking and Exterior Accessible Route | $\left[\begin{array}{c} {[30.6697275} \\ - \\ -95.008902 \end{array}\right.$ <br> 2] | The walkway contains abrupt vertical edges and/or variations over a $1 / 4$ inch. $1 / 4$ inch is the maximum vertical rise. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at 1:2 or less. Changes in level greater than $1 / 2$ inch must be by way of a ramp. | change in level of .75" at access aisle, $1^{\prime \prime}$ near dumpster, .75" at women's restroom, .75" at parking, and .75 " at sidewalk | Repair, bevel or ramp change in level along accessible route. | 2012 TAS <br> Section: 303.2, 303.3 <br> 2010 ADAS Section: 303.2, 303.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 502 | Pin Oak Loop: Pin Oak Loop Restroom Parking and Exterior Accessible Route | [30.6697339 -95.008935 4] | There is a gap spaced greater than a $1 / 2$ inch. Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Gaps of .75", 1.25", and long gap of $1^{\prime \prime}$ | Correct or fill gaps to be max . $5^{\prime \prime}$. | 2015 ABAAS <br> Section: 302.3 <br> 2012 TAS Section: 302.3 <br> 2010 ADAS Section: 302.3 |  |  |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 503 | Pin Oak Loop: Pin Oak Loop Men's Restroom | $\begin{gathered} {[30.6697356} \\ -95.008900 \\ 8] \end{gathered}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Maneuvering clearances shall have a max slope of $2.08 \%$. The threshold has a vertical change greater than $1 / 4$ inch high. Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. | Door - slope of 2.3\% on pull side landing, 1" at threshold, 12\# push | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, correct slope in door clearance to $\max 2.08 \%$. For all doors along the public circulation route, repair, bevel, or ramp CILs at door entries to max . 25 ". For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice. | 2010 ADAS Section: 404.2.3, 404.2.7, 404.2 .4, 404.2.11, 404.2.11 Exception |  |  |
| 504 | Pin Oak Loop: Pin Oak Loop Men's Restroom | $\left\lvert\, \begin{gathered} {[30.6697264} \\ -95.008898 \\ 1] \end{gathered}\right.$ | The restroom sign does not comply with one or more applicable requirements for the location, height, and properties of the sign. | Lacks Braille lettering and raised characters on restroom signage, no symbol of access | Replace sign with one of contrasting colors that includes Braille, raised characters, and the symbol of accessibility and mount on the wall, latch side of the door, 48 " to the baseline of the lowest character and 60" to the baseline of the highest character. | 2015 ABAAS Section: F216.2, 703.1, 703.2, $703.5,703.6$ 2012 TAS Section: 216.2, 703.1, $703.2,703.5$, 703.6 2010 ADAS Section: 216.2, 703.1, $703.2,703.5$, 703.6 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 505 | Pin Oak Loop: Pin Oak Loop Men's Restroom | $\begin{gathered} {[30.6697322} \\ , \\ -95.008890 \\ 1] \end{gathered}$ | The mirror is mounted too high. Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground. | Bottom edge of reflecting surface of mirror is $43.5^{\prime \prime}$ aff and top edge of reflecting surface is 73 " aff | Replace mirror mount to max 40" AFF to the bottom reflective surface and 74 " to the top. | 2015 ABAAS Section: 603.3 <br> 2012 TAS Section: 603.3 <br> 2010 ADAS Section: 603.3 |  |  |
| 506 | Pin Oak Loop: <br> Pin Oak Loop <br> Men's Restroom | $\left[\begin{array}{c} {[30.6697195} \\ -95.008898 \\ 1] \end{array}\right.$ | Knee clearance at 27 inches off the floor is not 8 inches minimum deep. The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches. | Sink lacks 8" deep knee and toe clearance due to wood panel under sink | Remove face board to provide 8" deep knee clearance. | 2015 ABAAS Section: 306.3.1, 306.3.2, 306.3.3, 306.3.4, 306.3.5 2012 TAS Section: 306.3.2, 306.3.3, 306.3.4, 306.3.5, 306.3.1 2010 ADAS Section: 306.3.3, 306.3.2, 306.3.4, 306.3.5, 306.3.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 507 | Pin Oak Loop: <br> Pin Oak Loop Men's Restroom | $\left[\begin{array}{c} {[30.6697252} \\ -95.008866] \end{array}\right.$ | The water and drain pipes under the lavatory are not adequately insulated. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | Wood panel covers pipes, unknown if pipes are insulated | Remove wood panel and insulate exposed pipes under one sink. | 2015 ABAAS Section: 606.5 <br> 2012 TAS Section: 606.5 <br> 2010 ADAS Section: 606.5 |  |  |
| 508 | Pin Oak Loop: Pin Oak Loop Men's Restroom | $\begin{array}{\|c} {[30.6697333} \\ -95.008903 \\ 5] \end{array}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches $(610 \mathrm{~mm})$ maximum. The high side reach shall be 48 inches (1220 mm ) maximum for a reach depth of 10 inches $(255 \mathrm{~mm})$ maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser 51" aff | Lower soap dispenser to max 44" aff for a forward reach over counter. | 2015 ABAAS Section: 308.2.1, 308.3.2 2012 TAS Section: 308.2.1, 308.3.2 2010 ADAS Section: 308.2.1, 308.3.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 509 | Pin Oak Loop: Pin Oak Loop Men's Restroom | $\begin{gathered} {[30.6697195} \\ , \\ -95.008895 \\ 5] \end{gathered}$ | There are not enough accessible toilet compartments. The room contains several toilet compartments. A minimum of 1 must be wheelchair accessible . | Lacks wheelchair accessible stall ambulatory only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights. | 2015 ABAAS <br> Section: <br> F213.3.1 <br> 2012 TAS Section: <br> 213.3.1 <br> 2010 ADAS Section: 213.3.1 |  |  |
| 510 | Pin Oak Loop: Pin Oak Loop Men's Restroom | $\begin{gathered} {[30.6697287} \\ , \\ -95.008899 \\ 5] \end{gathered}$ | Grab bars shall comply with 609. A side-wall grab bar complying with 604.5 . 1 shall be provided on both sides of the compartment. The space between the wall and the grab bar shall be $11 / 2$ inches ( 38 mm ). The space between the grab bar and projecting objects below and at the ends shall be $11 / 2$ inches $(38 \mathrm{~mm})$ minimum. The space between the grab bar and projecting objects above shall be 12 inches ( 305 mm ) minimum. Grab bars shall be installed in a horizontal position, 33 inches ( 840 mm ) minimum and 36 inches $(915 \mathrm{~mm})$ maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches ( 455 mm ) minimum and 27 inches ( 685 mm ) max | Lacks side grab bar on partition | Replace or add side grab bars with a 42" long grab bar, mounted max 12 " from the rear wall at the close end and $\min 54$ " on the far end and 33 " to 36 " aff. In the alternative, leave as is and use existing stall to create required wheelchair stall. | 2015 ABAAS <br> Section: <br> 604.8.2.3, <br> 609.3, 609.4 <br> 2012 TAS Section: 609.4, 609.3, 604.8.2.3 <br> 2010 ADAS Section: 609.3, 609.4, 604.8.2.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 511 | Pin Oak Loop: Pin Oak Loop Men's Restroom | $\begin{aligned} & {[30.6697448} \\ & , \\ & -95.008898 \\ & 1] \end{aligned}$ | There is insufficient turning space within this room or space. The space required for a wheelchair to make a 180-degree turn is a clear space of 60 inches in diameter or a Tshaped space. | Lacks sufficient turning space within this room or space | Relocate obstacles to create turning space in restroom. | 2015 ABAAS Section: 304.3.1, 304.3.2 2012 TAS Section: 304.3.1, 304.3.2 2010 ADAS Section: 304.3.1, 304.3.2 |  |  |
| 512 | Pin Oak Loop: <br> Pin Oak Loop Men's Restroom | $\begin{array}{\|c} {[30.6697195} \\ , \\ -95.008903 \\ 5] \end{array}$ | The accessible route contains running slopes greater than 5 percent and cross slopes greater than 2 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope). | Slope of $3.2 \%$ near floor drain | Correct or repair slope to max $2.08 \%$. | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 513 | Pin Oak Loop: <br> Pin Oak Loop Men's Shower | $\begin{gathered} {[30.6697402} \\ \dot{\prime} \\ -95.008895 \\ 5] \end{gathered}$ | There are no accessible bathing or shower facilities. Where facilities for bathing are provided for the public, clients or employees, including showers or bathtubs, at least one shower or bathtub and support facilities such as lockers, and not less than 1 percent of all facilities, shall be accessible. | Lacks accessible bathing or shower facilities | Create an accessible shower in locker/bathing room. | 2015 ABAAS <br> Section: <br> F213.3.6 <br> 2012 TAS <br> Section: <br> 213.3.6 <br> 2010 ADAS <br> Section: <br> 213.3.6 |  |  |
| 514 | Pin Oak Loop: Pin Oak Loop Men's Shower | [30.6697241 <br> -95.008892 <br> 8] | The bench is not deep enough or long enough or is missing. Benches shall be provided having seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches ( 1065 mm ) long minimum and shall extend from a point 2 inches ( 51 mm ) maximum above the seat surface to a point 18 inches ( 455 mm ) minimum above the seat surface. Back support shall be $2^{1 / 2}$ inches ( 64 mm ) maximum from the rear edge of the seat measured horizontally. The top of the bench seat surface shall be 17 inches ( 430 mm ) minimum and 19 inches ( 485 mm ) maximum above the finish floor or ground. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench | Bench lacks required dimensions - 16.25" deep and is not affixed to the wall | Replace bench in dressing area with one having a seat depth of 20 " to $24^{\prime \prime}$ deep, $42^{\prime \prime}$ long, affixed to the wall or having a back and mounted 17" to 19" AFF and provide required clear floor space on the short axis of the bench. | 2012 TAS Section: 903.4, 903.2, 903.3, 903.5 <br> 2010 ADAS Section: 903.4, 903.2, 903.3, 903.5 |  | $\operatorname{sench}_{48^{8} \mathrm{~min}}$ |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 517 | Pin Oak Loop: Pin Oak Loop Women's Restroom | $\begin{gathered} {[30.6697114} \\ -95.008895 \\ 5] \end{gathered}$ | Knee clearance at 27 inches off the floor is not 8 inches minimum deep. The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches. | Sink lacks 8" deep knee clearance due to wood panel | Remove face board to provide 8" deep knee clearance. | 2015 ABAAS Section: 306.3.1, 306.3.2, 306.3.3, 306.3.4, 306.3.5 2012 TAS Section: 306.3.2, 306.3.3, 306.3.4, 306.3.5, 306.3.1 2010 ADAS Section: 306.3.3, 306.3.2, 306.3.4, 306.3.5, 306.3.1 |  |  |
| 518 | Pin Oak Loop: <br> Pin Oak Loop Women's Restroom | $\begin{gathered} {[30.6697125} \\ , \\ -95.008887 \\ 4] \end{gathered}$ | The top rim of the sink is too high. All lavatories/sinks that are designated to be accessible shall be a minimum 17 inches in horizontal depth and mounted with the rim or counter edge no higher than 34 inches above the finished floor. | The top rim of the sink is 34.75 " aff | Lower sinks to max 34 " aff to front of rim. | 2015 ABAAS Section: 606.3 <br> 2012 TAS Section: 606.3 <br> 2010 ADAS Section: 606.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 519 | Pin Oak Loop: <br> Pin Oak Loop Women's Restroom | $\begin{gathered} {[30.6697183} \\ -95.008882 \\ 1] \end{gathered}$ | The water and drain pipes under the lavatory are not adequately insulated. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. | Wood panel covers pipes, unknown if pipes are insulated | Remove wood panel and insulate exposed pipes under one sink. | 2015 ABAAS Section: 606.5 <br> 2012 TAS Section: 606.5 <br> 2010 ADAS Section: 606.5 |  |  |
| 520 | Pin Oak Loop: Pin Oak Loop Women's Restroom | $\begin{gathered} {[30.6697218} \\ , \\ -95.008882 \\ 1] \end{gathered}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches ( 610 mm ) maximum. The high side reach shall be 48 inches ( 1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Hand dryer 51" aff and soap dispenser $50 "$ aff exceed reach range | Lower hand dryer to max 44" aff for a forward reach over counter. Lower soap dispenser to max 48" aff. | 2015 ABAAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2012 TAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2010 ADAS <br> Section: <br> 308.2.1, <br> 308.3.2 |  |  |




| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 524 | Pin Oak Loop: <br> Pin Oak Loop Women's Restroom | [30.6697195 $-95.008883$ <br> 4] | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Maneuvering clearances shall have a max slope of $2.08 \%$. The threshold has a vertica change greater than $1 / 4$ inch high. The threshold has a gap greater than $1 / 2$ inch wide. | Door - slope of 3.7\% on pull side landing, change in level of $.75^{\prime \prime}$ at threshold, gap of $1.75{ }^{\prime \prime}$ | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, correct slope in door clearance to $\max 2.08 \%$. For all doors along the public circulation route, repair, bevel, or ramp CILs at door entries to max . $25^{\prime \prime}$. For all doors along the public circulation route, fill gaps at door entries to max . 5 ". | 2010 ADAS <br> Section: <br> 404.2.3, <br> 404.2.7, <br> 404.2.4, <br> 404.2.11, <br> 404.2.11 <br> Exception |  |  |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 525 | Pin Oak Loop: Pin Oak Loop Women's Shower | $\begin{aligned} & {[30.6697471} \\ & , \\ & -95.008855 \\ & 2] \end{aligned}$ | There are no accessible bathing or shower facilities. Where facilities for bathing are provided for the public, clients or employees, including showers or bathtubs, at least one shower or bathtub and support facilities such as lockers, and not less than 1 percent of all facilities, shall be accessible. | Lacks accessible bathing or shower facilities | Create an accessible shower in locker/bathing room | 2015 ABAAS <br> Section: <br> F213.3.6 <br> 2012 TAS Section: 213.3.6 <br> 2010 ADAS Section: 213.3.6 |  |  |
| 526 | Pin Oak Loop: <br> Pin Oak Loop Women's Shower | $\begin{gathered} {[30.6697195} \\ , \\ -95.008898 \\ 1] \end{gathered}$ | The bench is not deep enough or long enough or is missing. Benches shall be provided having seats that are 42 inches long minimum and 20 inches deep minimum and 24 inches deep maximum. The bench shall provide for back support or shall be affixed to a wall. Back support shall be 42 inches ( 1065 mm ) long minimum and shall extend from a point 2 inches ( 51 mm ) maximum above the seat surface to a point 18 inches ( 455 mm ) minimum above the seat surface. Back support shall be $21 / 2$ inches ( 64 mm ) maximum from the rear edge of the seat measured horizontally. The top of the bench seat surface shall be 17 inches ( 430 mm ) minimum and 19 inches $(485 \mathrm{~mm})$ maximum above the finish floor or ground. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench | Lacks bench with required dimensions $41 "$ long x 16.25" deep and is not affixed to the wall | Replace bench in dressing area with one having a seat depth of 20 " to $24^{\prime \prime}$ deep, $42^{\prime \prime}$ long, affixed to the wall or having a back and mounted $17^{\prime \prime}$ to 19" AFF and provide required clear floor space on the short axis of the bench. | 2012 TAS Section: 903.4, 903.2, 903.3, 903.5 <br> 2010 ADAS Section: 903.4, 903.2, 903.3, 903.5 |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 528 | Pin Oak Loop: <br> Pin Oak Loop Restroom Maintenance Room | $\begin{gathered} {[30.6697368} \\ -9 \\ -95.008912 \\ 9] \end{gathered}$ | Employee Work Areas. Common use circulation paths within employee work areas shall comply with 402. EXCEPTIONS: <br> 1. Common use circulation paths located within employee work areas that are less than 1000 square feet ( 93 m 2 ) and defined by permanently installed partitions, counters, casework, or furnishings shall not be required to comply with 402. 2. Common use circulation paths located within employee work areas that are an integral component of work area equipment shall not be required to comply with 402. 3 . Common use circulation paths located within exterior employee work areas that are fully exposed to the weather shall not be required to comply with 402. | Lacks 36" circulation path within space due to storage and small space | Make corrections for compliant circulation path. | 2015 ABAAS <br> Section: <br> F206.2.8, <br> F206.2.8.1, <br> F206.2.8.2 <br> 2012 TAS <br> Section: <br> 206.2.8, <br> 206.2.8 <br> Exception 1, 206.2.8 <br> Exception 2, 206.2.8 <br> Exception 3, 206.2.8 <br> Advisory 1, 206.2.8 <br> Advisory 2 <br> 2010 ADAS Section: <br> 206.2.8, <br> 206.2.8 <br> Exception 1, 206.2.8 <br> Exception 2, 206.2.8 <br> Exception 3 |  |  |
| 529 | Pin Oak Loop: Pin Oak Loop Restroom Maintenance Room | $\begin{gathered} \hline[30.669716, \\ -95.008911 \\ 6] \end{gathered}$ | The there is no lower drinking fountain meeting the requirements for persons using wheelchairs. Spout outlets of the lower bowl drinking fountains shall be 36 inches maximum above the finish floor or ground. Lower bowl drinking fountains shall provide knee and toe clearance centered on the unit. | Lacks drinking fountain for persons using wheelchairs spout is 39.5 " aff | Add second low bowl fountain for persons using wheelchairs. | 2015 ABAAS Section: 602.4 <br> 2012 TAS Section: 602.4 <br> 2010 ADAS Section: 211.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 530 | Pin Oak Loop: <br> Pin Oak Loop Restroom Maintenance Room | $\begin{array}{\|c} \hline[30.6697287 \\ , \\ -95.008903 \\ 5] \end{array}$ | The drinking fountain projects more than 4 inches into the circulation path. Wallmounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided. | Drinking fountain protrudes 12" | Relocate protruding objects or place cane detectable warning or bollard at foot of item. | 2015 ABAAS Section: 307.2 <br> 2012 TAS Section: 307.2 <br> 2010 ADAS Section: 307.2 |  | $\qquad$ |
| 531 | Pin Oak Loop: <br> Pin Oak Loop <br> Dump Station | $\begin{aligned} & {[30.6697102} \\ & , \\ & -95.008160 \\ & 5] \end{aligned}$ | The clear floor space required at the dump station has a change in elevation. Changes in level are not permitted at required clear floor or ground space except that slopes not steeper than 1:48 shall be permitted. | Lacks clear floor space due to 2" change in level and asphalt, mud, loose rock surface | Provide 30" by 48" clear floor space at dump station operable parts | 2015 ABAAS Section: 305.2 <br> 2012 TAS Section: 305.2 <br> 2010 ADAS Section: 305.2 |  |  |
| 532 | Pin Oak Loop: Pin Oak Loop Dump Station | $\begin{aligned} & {[30.6697218} \\ & -95.008172 \\ & 6] \end{aligned}$ | Water spouts at water hydrants and water utility hook-ups shall be 28 inches ( 710 mm ) minimum and 36 inches ( 915 mm ) maximum above the ground. | Water spout at 63.25" agl | Remount water spouts to 28 " min or 36 " max above the ground as a smart practice. | 2015 ABAAS Section: 1011.6 |  |  |
| 533 | Pin Oak Loop: Pin Oak Loop Archery Range | $\begin{gathered} {[30.6701093} \\ -95 . \\ -907763 \\ 6] \end{gathered}$ | Spaces and elements within employee work areas shall only be required to comply with 206.2.8, 207.1, and 215.3 and shall be designed and constructed so that individuals with disabilities can approach, enter, and exit the employee work area. | Archery range building: from office to storage - .5 " CIL, display case in pull side clearance; front door - .5 " CIL, 9 " | For employee spaces, relocate storage, furniture, and other obstacles at doorways to provide approach, enter and exit at the employee space. Provide required maneuvering clearance on push and pull side of doors. Repair, bevel, or ramp CILs at | 2015 ABAAS Section: F203.9 2012 TAS Section: |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Employee work areas, or portions of employee work areas, other than raised courtroom stations, that are less than 300 square feet ( 28 m 2 ) and elevated 7 inches $(180 \mathrm{~mm})$ or more above the finish floor or ground where the elevation is essential to the function of the space shall not be required to comply with these requirements or to be on an accessible route. | step, shelves in clearance; rear door stays closed, items stored on porch | door entries to max . 25 ". | 203.9 2010 ADAS Section: 203.9 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 534 | Pin Oak Loop: Pin Oak Loop Archery Range | $\left[\begin{array}{c} {[30.6702778} \\ -95.0 O_{7779} \\ 7] \end{array}\right.$ | There is no accessible route to the archery range, fire pit, benches, and picnic tables. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible route to archery area building, archery range, fire pit, benches, and picnic tables | Create an accessible route with crushed stone or other outdoor material from parking or walkway to the archery range, fire pit, benches, and picnic tables | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS <br> Section: <br> 206.2.2 <br> 2010 ADAS Section: 206.2.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 535 | Picnic Area/Day <br> Use - North: <br> Picnic Area/Day <br> Use - North Fishing Pier | $\begin{gathered} {[30.6603444} \\ -95.006578] \end{gathered}$ | The landing at the change of direction is not the correct size. Landings at a change of direction shall have a dimension in the direction of ramp run of not less than 60 inches by 60 inches. | Lacks 60" by 60" landing where the ramp changes direction | Enlarge landing on ramp where directions change to 60 " by 60 ". | 2015 ABAAS <br> Section: <br> 405.7.4 <br> 2012 TAS Section: 405.7.4 <br> 2010 ADAS Section: 405.7.4 |  |  |
| 536 | Picnic Area/Day | [30.6600479 |  |  |  | 2015 ABAAS |  | $\square$ |
| 536 | Sicnic Area/Day <br> Use - North: <br> Picnic Area/Day <br> Use - North <br> Fishing Pier | $\begin{gathered} -95.006972 \\ 3] \end{gathered}$ | provided. Where the number of boat slips is not identified, each 40 feet of boat slip edge provided along the perimeter of the pier shall be counted as one boat slip. | 8 slips have 48 wide gangway to slips. 38" between cleats, $3 \%$ slope max on pier, there is 1 slip that | based on the total provided, or for every $40^{\prime}$ of boat slip edge. | 2015 ABAAS Section: F235.2 2010 ADAS |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 537 | Picnic Area/Day <br> Use - North: <br> Picnic Area/Day Use - North Fishing Pier | [30.6600295 $-95.007015$ <br> 2] | The boat slip segments are not wide enough. Boat slips shall provide clear pier space 60 inches wide minimum and at least as long as the boat slips. Each 10 feet maximum of linear pier edge serving boat slips shall contain at least one continuous clear opening 60 inches wide minimum. The clear width shall be permitted to be reduced to 36 inches minimum for a length of 24 inches maximum provided that reduced width segments are separated by segments that are 60 inches long minimum and 60 inches wide minimum. | pier is 59 " wide with 3.5 " wide edge protection on both sides, slip area is over 60" wide with 3.5" edge protection on both sides | Provide 60" clear pier space for the entire length of pier. | 2015 ABAAS Section: 1003.3.1, 1003.3.1 EXC EPTIONS: 1 2012 TAS Section: 1003.3.1, 1003.3.1 Exceptions (3) 2010 ADAS Section: 1003.3.1, 1003.3.1 Exception 1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 538 | Picnic Area/Day <br> Use - North: <br> Picnic Area/Day Use - North Fishing Pier | $\begin{gathered} {[30.6600664} \\ , \\ -95.006977 \\ 7] \end{gathered}$ | Element meets all standards and requirements | Pier complies with lowered railings = approximately 1000' over 34" agl and 250' at 34 " | None | 2010 ADAS <br> Section: N/A |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 540 | Picnic Area/Day <br> Use - North: <br> Picnic Area/Day <br> Use - North Fishing Pier | $\begin{gathered} {[30.6603502} \\ -95.006767 \\ 1] \end{gathered}$ | Stairways must have handrails on both sides. Handrails and their extensions must be between 34 inches and 38 inches above the stair nosing or ground. The top handrails shall extend a minimum of 12 inches beyond the top nosing and shall be parallel with the floor or ground surface. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The orientation of at least one handrail, including the extension, shall be in the direction of the run of the stair and perpendicular to the direction of the stair nosing. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4 inches minimum and 2 inches maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and $61 / 4$ inches maximum, and a cross-section dimension of 2-1/4 inches maximum. The hand grip portion of handrails shall have a smooth surface with no sharp corners. Gripping surfaces (top or sides) shall be uninterrupted by newel posts, other construction elements or obstructions. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Handrails projecting from a wall shall have a space of 1-1/2 inches minimum between the wall and the handrail. | Lookout tower lack compliant handrails | Install handrails on both sides of stairway, mounted 34 " to 38 " aff with top and bottom extensions and having a $1.25^{\prime \prime}-2^{\prime \prime}$ in diameter, or a non-circular grip that has a perimeter dimension of 4 "- 6.25 " max with a $\min$ gap of $1.5^{\prime \prime}$ between handrail and wall | 2015 ABAAS <br> Section: 505.2 <br> 2012 TAS Section: 505.2 <br> 2010 ADAS Section: 505.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 541 | Picnic Area/Day <br> Use - North: <br> Picnic Area/Day Use - North Fishing Pier | $\begin{gathered} {[30.6603594} \\ -95.006760 \\ 4] \end{gathered}$ | Each distinct viewing location shall provide a viewing space adjacent to the clear ground space required by 1015.2 through which the point of interest is viewable. The viewing space shall be 32 inches ( 815 mm ) maximum and 51 inches ( 1295 mm ) minimum high above the ground and shall extend the full width of the clear ground space. | Lookout tower lacks accessible viewing areas (all railings are 42" aff) | Leave as is lack of lowered railings and provide an alternate method of viewing the surrounding area such as plexiglass windows, or video feed. | 2015 ABAAS Section: 1015.3 |  |  |
| 542 | Picnic Area/Day <br> Use - North: <br> Picnic Area/Day <br> Use - North Fishing Pier | $\begin{gathered} {[30.6600837} \\ -95.006709 \\ 5] \end{gathered}$ | The walkway contains abrupt vertical edges and/or variations over a $1 / 4$ inch. $1 / 4$ inch is the maximum vertical rise. Changes in level between $1 / 4$ inch and $1 / 2$ inch must be beveled at 1:2 or less. Changes in level greater than $1 / 2$ inch must be by way of a ramp. | changes in level of 1" and .75 " at fishing pier entry | Repair, bevel or ramp CIL along route. | 2012 TAS Section: 303.2, 303.3 <br> 2010 ADAS Section: 303.2, 303.3 |  |  |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 543 | Picnic Area/Day Use - North: Picnic Area/Day Use - North Fish Cleaning Station | $\begin{array}{\|c} \hline[30.660056, \\ -95.006700 \\ 1] \end{array}$ | The main power switch is positioned too high for either a side or front approach. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground. Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. | Main power switch 58" aff | Remount operable parts to be in reach range of 15 " $\min$ to 48 " max. | 2015 ABAAS Section: 308.1 <br> 2012 TAS Section: 308.1 <br> 2010 ADAS Section: 308.1 |  |  |
| 544 | Picnic Area/Day Use - North: Picnic Area/Day Use - North Fish Cleaning Station | $\left[\begin{array}{c} {[30.6600572} \\ -95.006688] \end{array}\right.$ | Element meets all standards and requirements | Fish cleaning station doors comply | None | 2010 ADAS <br> Section: N/A |  |  |
| 545 | Picnic Area/Day Use - North: Picnic Area/Day Use - North Park Store | $\begin{gathered} {[30.6602256} \\ , \\ -95.006618 \\ 3] \end{gathered}$ | Spaces and elements within employee work areas shall only be required to comply with 206.2.8, 207.1, and 215.3 and shall be designed and constructed so that individuals with disabilities can approach, enter, and exit the employee work area. Employee work areas, or portions of employee work areas, other than raised courtroom stations, that are less than 300 | Office 1 - storage in push side clearance; Classroom storage door - chairs in pull side clearance; Office 2 - bookshelf in pull side clearance, loose floor mat; Storage closet - bookshelf in | For employee spaces, relocate storage, furniture, and other obstacles at doorways to provide approach, enter and exit at the employee space. Provide required maneuvering clearance on push and pull side of doors. Secure rug at door to prevent trip hazard. | 2015 ABAAS <br> Section: <br> F203.9 <br> 2012 TAS Section: 203.9 <br> 2010 ADAS |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 546 | Picnic Area/Day <br> Use - North: <br> Picnic Area/Day <br> Use - North Park Store | $\begin{gathered} {[30.6602463} \\ , \\ -95.006626 \\ 3] \end{gathered}$ | Minimum character height shall comply with Table 703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "l". | Lacks required character height on informational sign | Replace signage with compliant signage having the appropriate font size for viewing distance. | 2015 ABAAS <br> Section: <br> 703.5.5 <br> 2012 TAS Section: <br> 703.5.5 <br> 2010 ADAS Section: 703.5.5 |  |  |
| 547 | Picnic Area/Day <br> Use - North: <br> Picnic Area/Day <br> Use - North Park Store | $\begin{gathered} {[30.6602533} \\ -95.006629] \end{gathered}$ | The transaction counter is too high. A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. Knee and toe space must be provided for a forward approach. A 30 inch by 48 inch clear floor space on an accessible route must be provided for either a forward or parallel approach. | Transaction counter $42 "$ | Lower 36 " wide segment of service counter to $\max 36^{\prime \prime}$ aff. | 2015 ABAAS <br> Section: <br> 904.4.2, <br> 904.4.1 <br> 2012 TAS <br> Section: <br> 904.4.1, <br> 904.4.2 <br> 2010 ADAS <br> Section: <br> 904.4.2, <br> 904.4.1 |  |  |




| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 550 | Picnic Area/Day Use - North: Picnic Area/Day Use - North Park Store | $\begin{gathered} {[30.6602463} \\ , \\ -95.006618 \\ 3] \end{gathered}$ | Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. <br> Maneuvering clearances shall have a max slope of $2.08 \%$. The threshold has a vertical change greater than $1 / 4$ inch high. The sweep period for doors with closers shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door. Exterior doors are recommended to be maintained at 8.5 lbf as a smart practice. Force is to be measured at the operating hardware or 30 inches from the hinges, whichever is greater. The bottom 10 inches on the push side must be smooth and free of obstructions (hold open devices). Opening hardware must be mounted between 30 and 44 inches above the floor or ground. | Double entry doors Lack smooth surface within 10 " of the floor on the push side, 20\# push, fast close, change in level of 1 ", slope of $3.8 \%$ on pull side landing, and loose floor mats on pull and push side landings | For all doors along the public circulation route, provide required maneuvering clearance on push and pull side of doors. For all doors along the public circulation route, secure rug in door clearance to prevent trip hazard. For all doors along the public circulation route, correct slope in door clearance to max $2.08 \%$. For all doors along the public circulation route, repair, bevel, or ramp CILs at door entries to max . 25 ". For all doors along the public circulation route, inspect, adjust, and maintain closing speed on door closers. For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice. For all doors along the public circulation route, provide kick plate on push side of door from floor to 10" AFF. | 2010 ADAS Section: 404.2.3, 404.2.7, 404.2.4, 404.2.11, 404.2.11 Exception |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 551 | Picnic Area/Day <br> Use - North: <br> Picnic Area/Day <br> Use - North Park <br> Store | $\begin{array}{\|c} \hline[30.660244, \\ -95.006620 \\ 9] \end{array}$ | The running slope of walking surfaces shall not be steeper than 1:20. | Slope of $15.7 \%$ on accessible route from park store to pier | Correct running slope along the route to max 5\%. | 2015 ABAAS <br> Section: <br> 403.3 <br> 2012 TAS <br> Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |
| 552 | Picnic Area/Day <br> Use - North: <br> Picnic Area/Day Use - North Amphitheater | $\left\lvert\, \begin{gathered} {[30.6596718} \\ -95.006417 \\ 1] \end{gathered}\right.$ | There is no accessible route to the amphitheater. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible route to amphitheater | Create an accessible route with crushed stone or other outdoor material from parking or walkway to amphitheater. | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS <br> Section: <br> 206.2.2 <br> 2010 ADAS Section: 206.2.2 |  |  |



Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 557 | Picnic Area/Day Use - North: Picnic Area/Day Use - North Park Store Mens Restroom | $\begin{gathered} {[30.6602417} \\ -9 \\ -95.006623 \\ 6] \end{gathered}$ | It is recommended that exterior doors be maintained so that the operating pressure does not exceed 8.5 lb . force to open. The sweep period for doors with closers shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 7 inches from the latch, measured to the leading edge of the door. | Exterior door-15\# push, fast close | For all doors along the public circulation route, inspect, adjust, and maintain 8.5 lbf to open exterior doors as a smart practice For all doors along the public circulation route, inspect, adjust, and maintain closing speed on door closers | 2012 TAS <br> Section: 404.2.9, 404.2.9 Advisory, 404.2.8.1 <br> 2010 ADAS Section: 404.2.9, 404.2.8.1 |  |  |
| 558 | Picnic Area/Day Use - North: Picnic Area/Day Use - North Park Store Mens Restroom | $\begin{gathered} {[30.6602417} \\ -95.006596 \\ 8] \end{gathered}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches $(610 \mathrm{~mm}$ ) maximum. The high side reach shall be 48 inches ( 1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser at 53 " aff | Lower soap dispenser to max 48" aff. | 2015 ABAAS Section: 308.2.1, 308.3 .2 2012 TAS Section: 308.2 .1, 308.3 .2 2010 ADAS Section: 308.2.1, 308.3.2 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 559 | Picnic Area/Day Use - North: Picnic Area/Day Use - North Park Store Mens Restroom | $\begin{gathered} {[30.6602348} \\ \dot{\prime} \\ -95.006626 \\ 3] \end{gathered}$ | The grab bar height and/or spacing fails. Grab bars must be mounted between $33^{\prime \prime}$ and 36 " to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a minimum of $1.5^{\prime \prime}$ of clearance below and minimum 12" above the grab bar to any dispenser or other obstruction. | TP dispenser is $5^{\prime \prime}$ above grab bar | Remount toilet paper dispenser max 7" to 9 " from front of toilet, $15^{\prime \prime}$ to 48 " aff and min 12 "above or 1.5 " below grab bar. | 2015 ABAAS <br> Section: <br> 609.3, 609.4 <br> 2012 TAS Section: 609.4, 609.3 <br> 2010 ADAS Section: 609.3, 609.4 |  |  |
|  |  |  |  |  |  |  |  |  |
| 560 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 563 | Picnic Area/Day Use - North: Picnic Area/Day Use NorthParking at Park Store/Pier/Boat Ramp | [30.6605786 -95.0066114] | The parking stall contains abrupt edges and surface irregularities over a $1 / 4$ inch vertical. Parking spaces and access aisles serving them shall be stable, firm, and slip resistant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted and shall not be sloped steeper than $2 \%$ in any direction. | Multiple gaps and changes in level (CIL) due to deterioration of parking surface | Resurface stalls and access aisles to eliminate gaps and cracks | ```2015 ABAAS Section: 502.4 2012 TAS Section: 502.4 2010 ADAS Section: 502.4``` |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 564 | Picnic Area/Day Use - North: Picnic Area/Day Use NorthParking at Park Store/Pier/Boat Ramp | $\begin{gathered} {[30.6606432} \\ , \\ -95.006148 \\ 9] \end{gathered}$ | The cross slopes (narrow dimension) and/or running slopes (long dimension) of the access aisle exceeds $2 \%$. The running slope and the cross slope in an accessible parking stall and the access aisle must not exceed 2\%. | Slopes of $3.7 \%$ in left stall, $3.4 \%$ in access aisle, and $2.8 \%$ in right stall | Repair or correct slope of parking space and access aisle to max $2.08 \%$ in any direction. | 2015 ABAAS <br> Section: <br> 502.4 <br> 2012 TAS <br> Section: <br> 502.4 <br> 2010 ADAS <br> Section: 502.4 |  |  |
| 565 | Picnic Area/Day Use - North: Picnic Area/Day Use NorthParking at Park Store/Pier/Boat Ramp | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | Element meets all standards and requirements | Parking lot complies with scoping - 49 standards stalls, 2 accessible | None | 2010 ADAS <br> Section: N/A |  |  |



Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 568 | Picnic Area/ Day Use - Central: Picnic Area/ Day Use - Central Boat Ramp Parking | $\begin{gathered} {[30.6589381} \\ -9 \\ -95.006307 \\ 1] \end{gathered}$ | The parking stall contains abrupt edges and surface irregularities over a $1 / 4$ inch vertical. Parking spaces and access aisles serving them shall be stable, firm, and slip resistant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted and shall not be sloped steeper than $2 \%$ in any direction. | 2.5" change in level (CIL) on 2 sides of access aisle and foot of stall | Repair, bevel and ramp CIL in stalls and access aisles. | 2015 ABAAS Section: 502.4 <br> 2012 TAS Section: 502.4 <br> 2010 ADAS Section: 502.4 |  |  |
| 569 | Picnic Area/ Day Use - Central: Picnic Area/ Day Use - Central Boat Ramp | $\begin{gathered} {[30.6589993} \\ - \\ -95.006439 \\ 9] \end{gathered}$ | There is no accessible route to/on the boating facility. Accessible routes serving recreational boating facilities, including gangways and floating piers, shall comply with accessible route requirements except as modified by section Recreational Boating Facilities - Accessible Routes. | Cross slope of $9.3 \%$ on accessible route from parking to the boarding pier | Correct slope along route to pier to be max $2.08 \%$ cross and $5 \%$ running. | 2015 ABAAS Section: 1005.1, 1005.1 EXCE PTIONS: 1, 1005.1 EXCE PTIONS: 2 2010 ADAS Section: 1005.1, 1005.1 Exception 1, 1005.1 Exception 2 |  |  |





| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 576 | Picnic Area/ Day Use - Central: Picnic Area/ Day Use - Central Mens Restroom | $\begin{gathered} \hline[30.659095, \\ -95.005741 \\ 2] \end{gathered}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches ( 610 mm ) maximum. The high side reach shall be 48 inches ( 1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches ( 610 mm ) maximum. | Soap dispenser at 53.75" aff and hand dryer 52" | Lower soap dispenser to max 48" aff to highest operable part Lower hand dryer to max 44" aff for a forward reach over sink. | 2015 ABAAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2012 TAS <br> Section: <br> 308.2.1, <br> 308.3.2 <br> 2010 ADAS <br> Section: <br> 308.2.1, <br> 308.3.2 |  |  |
| 577 | Picnic Area/ Day Use - Central: Picnic Area/ Day Use - Central Mens Restroom | $\begin{aligned} & \hline[30.659095, \\ & -95.005717] \end{aligned}$ | There are not enough accessible toilet compartments. The room contains several toilet compartments. A minimum of 1 must be wheelchair accessible . | Lacks wheelchair accessible stall, ambulatory only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights. | 2015 ABAAS Section: <br> F213.3.1 <br> 2012 TAS <br> Section: <br> 213.3.1 <br> 2010 ADAS Section: 213.3.1 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 578 | Picnic Area/ Day Use - Central: Picnic Area/ Day Use - Central Mens Restroom | $\left[\begin{array}{c} {[30.6591089} \\ -95.005717] \end{array}\right.$ | The stall door fails to comply with all of the door requirements. The stall door must be a minimum of 32 " wide and have compliant hardware on both sides. The stall door must be self-closing. | Lacks self-closing door | Adjust stall door to be self-closing. | 2015 ABAAS Section: 404.2.3, 404.2.7, 604.8.2.2 2012 TAS Section: 404.2.3, 404.2.7, 604.8.2.2 2010 ADAS Section: 404.2.3, 404.2.7, 604.8.2.2 |  |  |
| 579 | Picnic Area/ Day Use - Central: Picnic Area/ Day Use - Central Mens Restroom | $\begin{array}{\|c} {[30.659095,} \\ -95.005722 \\ 4] \end{array}$ | Grab bars shall comply with 609. A side-wall grab bar complying with 604.5 .1 shall be provided on both sides of the compartment. The space between the wall and the grab bar shall be $11 / 2$ inches ( 38 mm ). The space between the grab bar and projecting objects below and at the ends shall be $11 / 2$ inches $(38 \mathrm{~mm})$ minimum. The space between the grab bar and projecting objects above shall be 12 inches ( 305 mm ) minimum. Grab bars shall be installed in a horizontal position, 33 inches ( 840 mm ) minimum and 36 inches ( 915 mm ) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches ( 455 mm ) minimum and 27 inches ( 685 mm ) max | Lacks grab bars on both sides of ambulatory stall | Replace or add side grab bars with a 42 " long grab bar, mounted max 12 " from the rear wall at the close end and min 54 " on the far end and $33^{\prime \prime}$ to 36 " aff. In the alternative, use existing stall to create required wheelchair stall. | 2015 ABAAS Section: 604.8.2.3, 609.3, 609.4 2012 TAS Section: 609.4, 609.3, 604.8.2.3 2010 ADAS Section: 609.3, 609.4, 604.8.2.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351





| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 586 | Picnic Area/ Day <br> Use - Central: <br> Picnic Area/ Day Use - Central Womens Restroom | $\begin{aligned} & {[30.659095,} \\ & -95.005717] \end{aligned}$ | Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches ( 1220 mm ) maximum where the reach depth is 20 inches ( 510 mm ) maximum. Where the reach depth exceeds 20 inches ( 510 mm ), the high forward reach shall be 44 inches ( 1120 mm ) maximum and the reach depth shall be 25 inches ( 635 mm ) maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches ( 865 mm ) maximum and the depth of the obstruction shall be 24 inches ( 610 mm ) maximum. The high side reach shall be 48 inches (1220 mm ) maximum for a reach depth of 10 inches ( 255 mm ) maximum. Where the reach depth exceeds 10 inches ( 255 mm ), the high side reach shall be 46 inches (1170 mm ) maximum for a reach depth of 24 inches $(610 \mathrm{~mm}$ ) maximum. | Soap dispenser 52.75 " aff and hand dryer 54"aff | Lower soap dispenser to max 48" aff to highest operable part Lower hand dryer to max 44 " aff for a forward reach over counter | 2015 ABAAS Section: 308.2.1, 308.3.2 2012 TAS Section: 308.2.1, 308.3.2 2010 ADAS Section: 308.2.1, 308.3.2 |  |  |
| 587 | Picnic Area/ Day <br> Use - Central: <br> Picnic Area/ Day Use - Central Womens Restroom | $\left[\begin{array}{c} {[30.6590881} \\ -95.005725 \\ 1] \end{array}\right.$ | There are not enough accessible toilet compartments. The room contains several toilet compartments. A minimum of 1 must be wheelchair accessible. | Lacks wheelchair accessible stall, ambulatory only | Create a wheelchair accessible stall with grab bars and fixtures mounted in correct locations and at correct heights | 2015 ABAAS Section: F213.3.1 <br> 2012 TAS Section: 213.3.1 <br> 2010 ADAS Section: 213.3.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 588 | Picnic Area/ Day Use - Central: Picnic Area/ Day Use - Central Womens Restroom | $\left[\begin{array}{c} {[30.6590893} \\ -\quad \\ -95.005717] \end{array}\right.$ | The stall door fails to comply with all of the door requirements. The stall door must be a minimum of 32 " wide and have compliant hardware on both sides. The stall door must be self-closing. | Lacks self-closing door | Adjust stall door to be self-closing | 2015 ABAAS Section: 404.2.3, 404.2.7, 604.8.2.2 2012 TAS Section: 404.2.3, 404.2.7, 604.8.2.2 2010 ADAS Section: 404.2.3, 404.2.7, 604.8.2.2 |  |  |
| 589 | Picnic Area/ Day Use - Central: Picnic Area/ Day Use - Central Womens Restroom | $\begin{array}{\|c} \hline[30.6590881 \\ \dot{\prime} \\ -95.005734 \\ 5] \end{array}$ | Grab bars shall comply with 609. A side-wall grab bar complying with 604.5 . 1 shall be provided on both sides of the compartment. The space between the wall and the grab bar shall be $11 / 2$ inches $(38 \mathrm{~mm})$. The space between the grab bar and projecting objects below and at the ends shall be $11 / 2$ inches $(38 \mathrm{~mm})$ minimum. The space between the grab bar and projecting objects above shall be 12 inches ( 305 mm ) minimum. Grab bars shall be installed in a horizontal position, 33 inches ( 840 mm ) minimum and 36 inches ( 915 mm ) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches ( 455 mm ) minimum and 27 inches ( 685 mm ) max | Lacks grab bars on both sides of ambulatory stall | Replace or add side grab bars with a 42 " long grab bar, mounted max 12 " from the rear wall at the close end and min 54 " on the far end and 33 " to 36 " aff. In the alternative, use existing stall to create required wheelchair stall. | 2015 ABAAS Section: 604.8.2.3, 609.3, 609.4 2012 TAS Section: 609.4, 609.3, 604.8.2.3 2010 ADAS Section: 609.3, 609.4, 604.8.2.3 |  |  |
| 590 | Picnic Area/ Day Use - Central: Picnic Area/ Day Use - Central Restroom Parking | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | Element meets all standards and requirements | Parking lot complies with scoping - 4 standard stalls, 2 accessible | None | 2010 ADAS <br> Section: N/A |  |  |



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 592 | Picnic Area/ Day <br> Use - Central: <br> Picnic Area/ Day Use - Central Restroom Parking | $\begin{gathered} {[30.6590569} \\ , \\ -95.005663 \\ 4] \end{gathered}$ | The parking stall contains abrupt edges and surface irregularities over a $1 / 4$ inch vertical. Parking spaces and access aisles serving them shall be stable, firm, and slip resistant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted and shall not be sloped steeper than $2 \%$ in any direction. | Multiple gaps and changes in level (CIL) due to deterioration of parking surface | Resurface stalls and access aisles to eliminate gaps and cracks. Cost included in previous finding. | 2015 ABAAS Section: 502.4 <br> 2012 TAS Section: 502.4 <br> 2010 ADAS Section: 502.4 |  |  |
| 593 | Picnic Area/ Day <br> Use - Central: <br> Picnic Area/ Day <br> Use - Central <br> Restroom Parking | $\left[\begin{array}{c} {[30.6590569} \\ -95.005644 \\ 6] \end{array}\right.$ | The van stall is missing a sign identifying it as a van accessible stall. Parking space identification signs shall include the International Symbol of Accessibility. Signs identifying van parking spaces shall contain the designation "van accessible." | The van stall is missing a sign identifying it as a van accessible stall | Add one van parking sign to van accessible stall and ensure stall and access aisle are $11^{\prime}$ and $5^{\prime}$ or $8^{\prime}$ and $8^{\prime}$ | 2015 ABAAS Section: 502.6 2012 TAS Section: 502.6 2010 ADAS Section: 502.6 |  |  |



Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 595 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp Parking | $\begin{gathered} {[30.6525398} \\ , \\ -95.006096 \\ 6] \end{gathered}$ | There are no van accessible parking stalls. 1 in every 6, minimum of one, required accessible stalls must be a van accessible stall. There are a total of 24 parking stalls in the parking lot that could be reasonably associated with this facility. There should be a minimum of 1 accessible stalls with a minimum of 1 being designed as van accessible. | Lacks required width of access aisle (92") for a van accessible parking space | Add van parking sign to 1 accessible stall and repaint stall and access aisle to 11' and $5^{\prime}$ or $8^{\prime}$ and $8^{\prime}$. | 2015 ABAAS <br> Section: <br> F208.2, <br> F208.2.4 <br> 2012 TAS <br> Section: <br> 208.2, <br> 208.2.4 <br> 2010 ADAS <br> Section: <br> 208.2, <br> 208.2.4 |  |  |
| 596 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp Parking | $\begin{aligned} & {[30.65691,} \\ & -95.00105] \end{aligned}$ | Element meets all standards and requirements | Parking lot meets scoping - 24 standard stalls, 1 accessible | None | 2010 ADAS <br> Section: N/A |  |  |






| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 601 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp | $\begin{gathered} {[30.6523956} \\ , \\ -95.005644 \\ 6] \end{gathered}$ | The handrail does not extend past the ramp. Handrails must be between 34 inches and 38 inches above the ramp surface, must extend beyond the top and bottom of the ramp 12 inches horizontally, be parallel to the floor or ground surface and be in the same direction as he ramp runs. The 12 inches must be level and does not include the radius at the top of round handrails. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. | Ramp to piers - The handrails do not extend past the bottom of the ramp | Provide handrail extensions that project 12" onto the ramp landing. | 2015 ABAAS Section: 505.10 .1 2012 TAS Section: 505.10 .1 2010 ADAS Section: 505.10.1 |  |  |
| 602 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp | $\begin{gathered} {[30.6521845} \\ -95.005758 \\ 6] \end{gathered}$ | There is no accessible route to the informational signs and monofilament recycling station. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. | Lacks accessible route to the informational signs and monofilament recycling station | Create an accessible route with crushed stone or other outdoor material from parking or walkway to the informational signs and monofilament recycling station | 2015 ABAAS <br> Section: <br> F206.2.2 <br> 2012 TAS <br> Section: <br> 206.2.2 <br> 2010 ADAS <br> Section: <br> 206.2.2 |  |  |
| 603 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp | $\left\lvert\, \begin{gathered} {[30.6522179} \\ -95.005652 \\ 7] \end{gathered}\right.$ | The minimum number of boarding piers are not accessible. Where boarding piers are provided at boat launch ramps, at least 5 percent, but no fewer than one, of the boarding piers be accessible. | 3 of 3 piers meet width requirements, but are not accessible due to CILs or excessive slopes at pier entry points | Provide 5\%, but not less than one accessible boarding pier at boat launches. | 2015 ABAAS Section: F235.3 2010 ADAS Section: 235.3 |  |  |
| 604 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp | $\begin{gathered} {[30.6522352} \\ , \\ -95.005698 \\ 3] \end{gathered}$ | There is no accessible route to/on the boating facility. Accessible routes serving recreational boating facilities, including gangways and floating piers, shall comply with accessible route requirements except as modified by section Recreational Boating Facilities - Accessible Routes. | 8.25" step and excessive slope of the boat ramp surface | Create an outdoor accessible route to the boat pier or make corrections for a compliant route. | 2015 ABAAS Section: 1003.2 <br> 2010 ADAS Section: 1003.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 605 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp Fish Cleaning Station | $\begin{array}{\|c} {[30.652496,} \\ -95.005935 \\ 6] \end{array}$ | The accessible route contains running slopes greater than 5 percent and cross slopes greater than 2 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope). | Cross slope of 3.6\% | Correct or repair slope to max 5\% running and $2.08 \%$ cross | 2015 ABAAS Section: 403.3 <br> 2012 TAS Section: 403.3 <br> 2010 ADAS Section: 403.3 |  |  |
| 606 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp Fish Cleaning Station | $\begin{gathered} {[30.6524371} \\ , \\ -95.005950 \\ 4] \end{gathered}$ | Openings in floor or ground surfaces shall not allow passage of a sphere more than $1 / 2$ inch $(13 \mathrm{~mm})$ diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. | Nine gaps of .75" | Fill and maintain gaps to max . ${ }^{\prime \prime}$. | 2015 ABAAS <br> Section: <br> 302.3 <br> 2012 TAS <br> Section: <br> 302.3 <br> 2010 ADAS <br> Section: 302.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 607 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp Fish Cleaning Station | $\left[\begin{array}{c} {[30.6524625} \\ -95.005939 \\ 7] \end{array}\right.$ | The water spouts are positioned too high for either a side or front approach. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground. Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. | 2 of 2 water spouts at 52.5" aff | Remount operable parts to be in reach range of 15 " min to 48 " max | 2015 ABAAS <br> Section: <br> 308.1 <br> 2012 TAS <br> Section: <br> 308.1 <br> 2010 ADAS Section: 308.1 |  |  |
| 608 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp Fish Cleaning Station | $\begin{aligned} & {[30.6524637} \\ & - \\ & -95.005946 \\ & 4] \end{aligned}$ | The water spouts (2) and garbage can lid are not accessible because they require tight grasping, pinching or twisting of the wrist. | Two water spouts and garbage can lid require a tight pinch or grasp | Replace water spout handle and garbage can lid with an operable part usable without a tight pinch or grasp | 2015 ABAAS Section: 309.4 <br> 2012 TAS Section: 309.4 <br> 2010 ADAS Section: 309.4 |  |  |
| 609 | Red Oak/Piney Shores Boat Ramp: Red Oak/Piney Shores Boat Ramp Fish Cleaning Station | $\begin{gathered} {[30.6524302} \\ -95.005945] \end{gathered}$ | The top of the work surface is not within a compliant height range. The tops of tables and counters shall be 28 inches to 34 inches from the floor or ground. | Fish cleaning table work surface at 36.25 " aff | Provide tables and work surfaces at 28 " to 34 aff. | 2015 ABAAS Section: 902.3 <br> 2012 TAS Section: 902.3 <br> 2010 ADAS Section: 902.3 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351



| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 614 | Employee Spaces: Maintenance | $\begin{gathered} {[30.6562392} \\ -, \\ -95.002034 \\ 4] \end{gathered}$ | There are no or not enough accessible parking stalls. Each lot where parking is provided for the public as clients, guests or employees, shall provide accessible parking and shall be located on the shortest accessible route of travel from adjacent parking to an accessible entrance. There are a total of (XX) parking stalls in the parking lot that could be reasonably associated with this facility. There should be a minimum of (XX) accessible stalls with a minimum of (XX) being designed as van accessible. | Parking lacks accessible parking spaces approximately 15 standard, 0 accessible | Create one or more 8' accessible parking stalls, with one 5 ' adjacent access aisle, with proper signage and striping based on the total number of stalls. | 2015 ABAAS <br> Section: <br> F208.2 <br> 2012 TAS <br> Section: <br> 208.2 <br> 2010 ADAS Section: 208.2 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 615 | Employee Spaces: Maintenance Admin Building | $\begin{gathered} {[30.6563043} \\ -95.001853 \\ 3] \end{gathered}$ | The restroom sign does not comply with one or more applicable requirements for the location, height, and properties of the sign. | Admin Restroom Lacks any signage | Acquire and mount signage, including Braille, raised lettering and access symbol mounted on wall, latch side of door, 48 " to baseline of lowest character and 60 " to baseline of highest character | 2015 ABAAS Section: F216.2, $703.1,703.2$, $703.5,703.6$ 2012 TAS Section: $216.2,703.1$, $703.2,703.5$, 703.6 2010 ADAS Section: $216.2,703.1$, $703.2,703.5$, 703.6 |  |  |
| 616 | Employee Spaces: Maintenance Admin Building | $\begin{gathered} {[30.6563009} \\ -95.001865 \\ 4] \end{gathered}$ | The lavatory's clear floor space obstructed by the trash can. The trash can projects encroaches into the required 30 inches by 48 inches clear floor space. | Admin Restroom garbage can in sink clear floor space | Relocate garbage to provide required 30 " by 48 " CFS for a forward approach to sink. | 2015 ABAAS Section: 606.2 <br> 2012 TAS Section: 606.2 <br> 2010 ADAS Section: 606.2 |  |  |
| 617 | Employee Spaces: Maintenance Admin Building | $\begin{aligned} & {[30.6562686} \\ & , \\ & -95.001865 \\ & 4] \end{aligned}$ | The required 56 inches by 60 inches clear floor space for the water closet has been obstructed. The clear floor space around the water closet shall be 60 inches minimum measured perpendicular from the side wall and 56 inches minimum measured perpendicular from the rear wall. | Admin Restroom lacks 56 " by 60 " clear floor space for the toilet due to storage | Relocate storage to provide required 60" clearance around toilet. | 2015 ABAAS Section: 604.3. <br> 2012 TAS Section: 604.3.1 <br> 2010 ADAS Section: 604.3.1 |  |  |
| 618 | Employee Spaces: Maintenance Admin Building | $\left[\begin{array}{c} {[30.6562697} \\ -95.001852] \end{array}\right.$ | The grab bar height and/or spacing fails. Grab bars must be mounted between 33 " and 36 " to the top of the gripping surface. There must be 1.5 " of clearance between the grab bar and the wall. There must be a | Admin Restroom side and rear grab bars are $36.5^{\prime \prime}$ aff and toilet paper dispenser is mounted less than | Remount grab bars in accessible stall to $33^{\prime \prime}$ to 36 " aff. Remount toilet paper dispenser max 7 " to 9 " from front of toilet, $15^{\prime \prime}$ to $48^{\prime \prime}$ aff and min 12" above or 1.5 " below grab bar | 2015 ABAAS Section: 609.3, 609.4 2012 TAS |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | minimum of 1.5 " of clearance below and minimum 12" above the grab bar to any dispenser or other obstruction. | 1.5" below grab bar and too far from toilet |  | Section: $609.4,609.3$ 2010 ADAS Section: $609.3,609.4$ |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 619 | Employee Spaces: Maintenance Admin Building | $\begin{gathered} {[30.6563216} \\ \dot{\prime} \\ -95.001908 \\ 3] \end{gathered}$ | Spaces and elements within employee work areas shall only be required to comply with 206.2.8, 207.1, and 215.3 and shall be designed and constructed so that individuals with disabilities can approach, enter, and exit the employee work area. Employee work areas, or portions of employee work areas, other than raised courtroom stations, that are less than 300 square feet ( 28 m 2 ) and elevated 7 inches $(180 \mathrm{~mm})$ or more above the finish floor or ground where the elevation is essential to the function of the space shall not be required to comply with these requirements or to be on an accessible route. | Back office - storage in pull side clearance, vision window at $46.5 "$ | For employee spaces, relocate storage, furniture, and other obstacles at doorways to provide approach, enter and exit at the employee space. Provide required maneuvering clearance on push and pull side of doors. Replace doors with ones having sidelight viewing windows max 43" AFF. | 2015 ABAAS Section: F203.9 2012 TAS Section: 203.9 <br> 2010 ADAS Section: 203.9 |  |  |
| 620 | Employee Spaces: Maintenance Admin Building | $\begin{gathered} {[30.6563182} \\ , \\ -95.001881 \\ 5] \end{gathered}$ | The operable part is not accessible because there is not adequate clear floor space for either a forward or side approach. The clear floor or ground space shall be 30 inches minimum by 48 inches minimum. | Break room - Lacks clear floor space at thermostat due to shelf location | Remove, or relocate storage in CFS at fixtures and operable parts along the AR | 2015 ABAAS Section: 305.3 <br> 2012 TAS Section: 305.3 <br> 2010 ADAS Section: 305.3 |  |  |
| 621 | Employee Spaces: Maintenance Admin Building | $\begin{gathered} {[30.6563055} \\ -95.001865 \\ 4] \end{gathered}$ | The thermostat is positioned too high for either a side or front approach. The cabinet shelves are positioned too low or too high for either a side or front approach. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground. Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. | Break room thermostat high, lacks cabinet shelf storage in reach range | Remount operable parts to be in reach range of $15^{\prime \prime}$ min to $48^{\prime \prime}$ max. | 2015 ABAAS Section: 308.1 <br> 2012 TAS Section: 308.1 <br> 2010 ADAS Section: 308.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 622 | Employee Spaces: Maintenance Admin Building | $\left\lvert\, \begin{gathered} {[30.6563308} \\ -95.001878] \end{gathered}\right.$ | Element meets all standards and requirements | Maintenance Administrative Office door meets all standards and requirements | None | 2010 ADAS <br> Section: N/A |  |  |
| 623 | Employee Spaces: Maintenance Admin Building | $\begin{aligned} & {[30.65627,} \\ & -95.00198] \end{aligned}$ | The sweep period for doors with closers shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door. Doors, gates, and side lights adjacent to doors or gates, containing one or more glazing panels that permit viewing through the panels shall have the bottom of at least one glazed panel located 43 inches ( 1090 mm ) maximum above the finish floor. | Main exterior door vision window at 46" aff, fast close | For all doors along the public circulation route, inspect, adjust, and maintain closing speed on door closers For all doors along the public circulation route, replace doors with ones having sidelight viewing windows max 43" aff | $\begin{gathered} \text { 2010 ADAS } \\ \text { Section: } \\ \text { 404.2.3, } \\ 404.2 .7, \\ 404.2 .4 \\ 404.2 .11, \\ 404.2 .11 \\ \text { Exception } \end{gathered}$ |  |  |
| 624 | Employee Spaces: Maintenance Admin Building | $\begin{gathered} {[30.6563009} \\ -95.001983 \\ 4] \end{gathered}$ | The ramps slope exceeds the maximum running slope (direction of travel) allowable of $8.33 \%$. Ramps should have the least possible slope but in no case more than 8.3\% (1:12). | Entry ramp - slope of $11.7 \%$ on upper ramp run and $10.5 \%$ at transition | Correct slope of ramp to max 8.33\% | 2015 ABAAS Section: 405.2 <br> 2012 TAS Section: 405.2 <br> 2010 ADAS Section: 405.2 |  |  |
| 625 | Employee Spaces: Maintenance Admin Building | $\left[\begin{array}{c} {[30.6562639} \\ -95.001962] \end{array}\right.$ | The ramp on the accessible route contains cross slopes greater than $2 \%$. Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). | Entry ramp - Cross slope of $3.3 \%$ on transition | Correct ramp cross slope to max 2.08\%. Cost included in previous finding. | 2015 ABAAS Section: 405.3 <br> 2012 TAS Section: 405.3 <br> 2010 ADAS Section: 405.3 |  |  |


| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 626 | Employee Spaces: Maintenance Admin Building | $\begin{gathered} {[30.6562639} \\ , \\ -95.001838 \\ 6] \end{gathered}$ | The ramp contains surface materials that do not provide for a stable, firm slip resistant surface. Floor and ground surfaces shall be stable, firm, and slip resistant. | Entry ramp - ramp surface lacks stable, firm, and slip resistant surface due to natural debris | Establish protocols for regular and frequent inspection and maintenance of ramp surface. | 2015 ABAAS Section: 302.1 <br> 2012 TAS Section: 302.1 <br> 2010 ADAS Section: 302.1 |  |  |
| 627 | Employee Spaces: Maintenance Admin Building | $\begin{gathered} {[30.6562732} \\ -958 \\ -901886 \\ 8] \end{gathered}$ | The ramp does not have compliant handrails. Handrails are required on both sides of all surfaces that are sloped greater than 5 percent (1:20). Handrails must be between 34 inches and 38 inches above the ramp surface, must extend beyond the top and bottom of the ramp 12 inches and be parallel to the floor or ground surface. The diameter of the handrails must be between 1 inches and 2 inches in cross-sectional nominal dimension for circular handrails and handrail gripping surfaces with a noncircular cross section shall have a perimeter dimension of 4 inches minimum and 6 inches maximum, and a cross-section dimension of 2 inches maximum. The clear space between handrails and walls must $1-1 / 2$ inches minimum. | Entry ramp - lacks compliant handrails on both sides | Install handrails that are rounded and/or extend to the ground, with handrail extensions and mounted $34^{\prime \prime}$ to $38^{\prime \prime}$ aff | 2015 ABAAS Section: 505.1 <br> 2012 TAS Section: 505.1 <br> 2010 ADAS Section: 505.1 |  |  |

Lake Livingston State Park - 300 State Park Rd 65 Livingston, TX 77351

| Finding Number | Area Description | Lat/Long | Finding | As Built | Recommendation | Citation | Photos | Figure |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 628 | Employee Spaces: Maintenance Admin Building | [30.6563193 <br> -95.001929 <br> 8] | The ramp run has not been provided with edge protection. The floor or ground surface of the ramp run or landing shall extend 12 inches minimum beyond the inside face of a handrail or a curb or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface. | Lacks edge protection | Install rail along bottom edge of ramp that prevents a 4" sphere from passing through | 2015 ABAAS Section: 405.9, 405.9.1, 405.9.2 2012 TAS Section: 405.9.1, 405.9.2, 405.9 2010 ADAS Section: 405.9.2, 405.9.1, 405.9 |  |  |

