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A collaborative program between the ADA National Network and the US Access Board

The Session is Scheduled to begin at 2:30pm Eastern Time
We will be testing sound quality periodically

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• Questions - type and submit questions in the Chat Area Text box or press control-M and enter text in the Chat Area
• Emotions/Hand-raising: Please do not use these features during this session

Presenter

U.S. Access Board

Earlene Sesker
Accessible Schools

Session Agenda

• Standards
• Covered Facilities
• Scoping
• Classrooms
• Common Use Areas
• Questions

New ADA Standards

DOJ’s 2010 standards
(mandatory March 15, 2012)

Based on the Board’s

ADA and ABA Standards

ADA:
• DOJ’s standards (2010)
• DOT’s standards (2006) for transit facilities

ABA (Federal Sector):
• ABA standards updated (GSA, DOD, USPS)
• Update of HUD standards still pending
• (UFAS still applies to housing covered by ABA)
Covered Facilities

• Pre-School
• Elementary School
• Middle School
• High Schools
• Colleges and Universities
• Trade Schools

New Construction

• All areas must comply except:
  • Exempted structures/spaces
  • Work areas (ADA facilities)
  • Partially scoped spaces

Scoping

• Parking
• Entrances
• Accessible routes
• Classrooms
• Toilet and bathing rooms
• Common Use Areas
Accessible Parking Scoping

• Where visitor, patron, or employee parking is provided
• Calculated on a facility by facility basis*
• A facility can be a single space, a parking lot, a parking floor within a building, or a stand alone parking structure

Table 208.2 Parking Spaces

<table>
<thead>
<tr>
<th>Total Number of Parking Spaces Provided in Parking Facility</th>
<th>Minimum Number of Required Accessible Parking Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 25</td>
<td>1</td>
</tr>
<tr>
<td>26 to 50</td>
<td>2</td>
</tr>
<tr>
<td>51 to 75</td>
<td>3</td>
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<tr>
<td>76 to 100</td>
<td>4</td>
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<tr>
<td>101 to 150</td>
<td>5</td>
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<tr>
<td>151 to 200</td>
<td>6</td>
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<tr>
<td>201 to 300</td>
<td>7</td>
</tr>
<tr>
<td>301 to 400</td>
<td>8</td>
</tr>
<tr>
<td>401 to 500</td>
<td>9</td>
</tr>
<tr>
<td>501 to 1000</td>
<td>2 percent of total</td>
</tr>
<tr>
<td>1000 and over</td>
<td>20, plus 1 for each 100, or fraction thereof, over 1000</td>
</tr>
</tbody>
</table>

Passenger Loading Zones

At least 1 for every 100 linear ft. of loading zone space provided
Classrooms

Assembly Areas
• Fixed Seats
• Furniture

Toilet Rooms in Classrooms
• Those within classrooms are required to be accessible.

Clustered Toilet Rooms

New exception:

Access to at least 50% of single user toilet rooms clustered at one location that serve same users (instead of 100%)
Common Use Areas
All must be accessible unless otherwise stated.

Public Use Areas
Office and Waiting Areas

Public Use and Common Use Toilet Rooms
Work Areas (ADA)
Access for “approach, entry, & exit”

- Door man. clearance (exterior)
- Compliant door (clear width, hardware, opening force, etc.)
- Clear floor space
- Recommended:
  - Interior door man. clearance
  - Turning space

Accessible Routes Scoping

Connect: Boundary of site with bus stops, accessible parking, passenger loading zones, and entrances

Entrances

At least 60% of public entrances to comply

Also:
- Direct access from parking structures (all)
- Direct access from tunnels or elevated walkways
- Entrances to different tenant spaces
- Restricted or secured entrances (at least 1)
Accessible Routes

• Coincident with routes used by others

• Same general area

Interior Accessible Routes

• At least one accessible route connecting accessible entrance with accessible spaces and elements (all)

Doors

Covers doors providing user passage at:
• required accessible entrances
• accessible rooms/spaces (at least 1)
• along accessible routes & MOE
Vertical Access (Elevators) Required

- Title II entities
- Professional Offices of a Healthcare Provider
  - Where a State-regulated professional provides physical or mental health services to the public

Accessible Means of Egress

- Reference to the International Building Code (IBC)
- Standby power for platform lifts on egress routes

Wheelchair Accessible Public Telephones

- Coin-operated and coinless public pay telephones
- Public closed-circuit telephones
- Public courtesy phones

1 phone or 1 bank per floor, level, and exterior site provided, 1 per floor, level or exterior site
2 or more banks per floor provided, 1 per bank
Dressing, Fitting, & Locker Rooms
Access to at least 5% of each type of use in each cluster

Ground-level Requirement
One of Each Type

Minimum Number of Elevated Components
50% of all elevated play components in a play area must be reached by an accessible route

Less than 20 elevated components: ramp and/or transfer = 50%

20 or more elevated components:
25% ramp + 25% ramp and/or transfer = 50%
Area of Sport Activity
• Accessible route to each area of sport activity
• Exempt from firm, stable, and slip resistant surface

Exercise Equipment and Machines
One of each type

Swimming Pools
• Required means of access into the water
  – Over 300 linear ft of pool wall = 2 (one primary)
• Less than 300 linear ft of pool wall = 1 lift or sloped entry
Technical Requirements

Passenger Loading at Entrance

• Canopy not required (2010 ADA Standard)

Accessible Entrances
Automatic Doors Recommended
Protruding Objects

Alcove or wing wall removes the drinking fountain from the circulation path

Toilet Rooms, Classrooms, Public Use and Common Use Areas

Water Closet Clearance
Not permitted in 2010 Standards
Water Closet Clearance
Allows space for side transfers

Toilet Room
Door can swing into fixture clearances where unobstructed wheelchair space is available beyond

Rear Grab Bar
24 min 36 min 12 min
610 915 305
transfer side

UNITED STATES ACCESS BOARD
Recessed Fixture Saves Space

24” min. rear grab bar allowed by new standards where adjacent fixture is recessed.

United States Access Board

Grab Bars

ANSI A117.1 requires 18” min. vertical grab bar (ADA and ABA guidelines do not).

Flush Controls

Location: open side of water closet
Height: 48” max.
Grab Bars
Clearances:
• 1 ½” behind (absolute)
• 1 ½” min. below
New:
• 12” min. above 1½ min

Dispensers
*Common problem:* large dispensers above grab bar impact usability

Toilet Stalls
*Standard Stall*
56” min. (wall hung WC)
59” min. (floor-mounted or children’s WC)
Ambulatory Stall

- parallel grab bars
- width: 36” (absolute)
- doors: out-swinging, self-closing

New standards:
- width: 35” – 37”
- depth: 60” min.

Lavatories

Locate controls & dispensers above, not beyond, usable CFS to be within reach

Tip: Avoid hospital style lavs with deep projections

They take up more space and require a greater reach to faucet controls and dispensers
Children’s Toilets

Alternate Specifications:
• WC centerline 12” – 18”
• WC seat height 11” – 17”
• Grab bar height 18” – 27”
• Dispenser height 14” – 19”

Children’s Toilets

Advisory information provides guidance according to age group

<table>
<thead>
<tr>
<th></th>
<th>Ages 3 &amp; 4</th>
<th>Ages 5 - 8</th>
<th>Ages 9 - 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>WC Centerline</td>
<td>12 in</td>
<td>12 - 15 in</td>
<td>15 - 18 in</td>
</tr>
<tr>
<td>Toilet Seat Height</td>
<td>11 - 12 in</td>
<td>12 - 15 in</td>
<td>15 - 17 in</td>
</tr>
<tr>
<td>Grab Bar Height</td>
<td>18 - 20 in</td>
<td>20 - 25 in</td>
<td>25 - 27 in</td>
</tr>
<tr>
<td>Dispenser Height</td>
<td>14 in</td>
<td>14 - 17 in</td>
<td>17 - 19 in</td>
</tr>
</tbody>
</table>

Children’s Lavatories

Exceptions based on age of intended users

Ages 6 - 12:
24” high min. knee clearance allowed
(if lav. 31” high max.)

Ages 5 and under:
Side approach permitted
Transfer Stall

Stall dimensions: **absolute**, not minimum

*New standards:* 36” measured at center point

Grab bars can be continuous or split

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Transfer Stall

Clear floor space positioned for alignment with seat

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Transfer Stall

Control location near opening (usable from outside stall)

Curb: ½ max.
Roll-in Shower (no seat)
Stall dimensions and clear floor space (lav. can overlap space)

New standards: CFS 30" min. deep (instead of 36")

Roll-in Shower (no seat)
Shower head and controls permitted on any wall if no seat provided

Roll-in Shower (with seat)
Grab bar ends at seat, seat must be folding

New standards: CFS 30" min deep (instead of 36")
Roll-in Shower (with seat)
Shower head/controls required on back within reach from seat

Classrooms
• Accessible Route
• Doors
• Turning Space
• Wheelchair Space

Assembly Areas
Wheelchair Spaces
lower scopng for assembly areas with more than 500 seats:
• 501 – 5,000 seats: 1 space/ every 150 seats (instead of 1%)
• > 5,000: 0.5% scopng
Assembly Areas

**Horizontal Dispersion**
Exception (300 seats max.) if:
Spaces & companion seats located in
the 2nd or 3rd quartile of row

<table>
<thead>
<tr>
<th>1st Quartile</th>
<th>2nd Quartile</th>
<th>3rd Quartile</th>
<th>4th Quartile</th>
</tr>
</thead>
</table>

**Vertical Dispersion**
Exception (300 seats max.) if:
Viewing angles = or better than the
average viewing angles in the
assembly area

Assembly Areas

Wheelchair spaces must provide
comparable lines of sight
Assembly Areas

lines of sight over standing spectators

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Locker Room

• Turning Space
• Door
• Benches
• Coat Hooks and Shelves

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Benches

Size: (42” min. long, 20” – 24” deep)
clear floor space (parallel-short axis)
School Office

Sales and Service Counters
- Full depth of transaction counter @ 36” max.
- Parallel or forward approach
  - Knee and toe space for forward
- Removed: alternatives to counter access

Cafeterias
- Accessible tables on accessible routes
- Tray slide height – 28” min. and 34” max.
- Self-service shelves and dispensing devices for tableware, dishware, condiments, food and beverages within reach
- Accessible check-out counters
Cafeterias

- Ensure knee and toe space beneath tables

Library

- Surface
- Clear width
- Clear width reductions
- Changes in level
- Running Slope
- Cross Slope
- Openings
- Protruding Objects

Ground Level Accessible Routes
Elevated Accessible Routes

• Ramps
• Transfer Systems

Area of Sport Activity

• Court Sports –
• Accessible route to directly connect both sides of the court

Swimming pools

• Required means of access into the water
  – Over 300 linear ft of pool wall = 2 (one primary)
  – Less than 300 linear ft of pool wall = 1 lift or sloped entry
Communications

- TTY’s and Telephones
- Visual Alarms
- Signs
- Patient and visitor information

2-Way Communication Systems

Entrees:
Communication devices must have both visual and audible signals

TTY’s and Volume Controls

- Public pay telephones
  - Banks of 4 or more units - 1/bank unless banks are within 200’
  - Where phones are provided at hospital emergency room, recovery room, or waiting room – at least one TTY
- Volume Controls
  - At all public phones
Visual Alarms

Visual alarms, where required, must be located in toilet and bathing facilities and all other public and common use spaces.

Signs

• All signs “designating permanent rooms and spaces must have raised letters and braille
• Informational signs must comply with provisions for low-vision access
• EXEMPT: Directories, menus, occupant names, building addresses, and company names and logos

Types of Signs

Directional

Exempt Directory

Room Designation
Classroom Acoustics

- ANSI/ASA S12.60 CLASSROOM ACOUSTICS STANDARD
  - Permanent Schools (Part I)
  - Relocatable Classrooms (Part II)

Questions?

You May Type and Submit questions in the Chat Area Text Box or press Control-M and enter text in the Chat Area

U.S. Access Board

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