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• Emotions/Hand-raising: Please do not use these features during this session

Presenter

Bill Botten

UNITED STATES ACCESS BOARD
Session Agenda

- Application of 2010 ADA Standards and ABA Accessibility Standards (new construction, alterations, and existing facilities)
- Other facility related provisions
- Miniature golf provisions
- Questions and Answers

Americans with Disabilities Act

Title II covers:
- State and local government facilities

Americans with Disabilities Act

Title III covers:
- Commercial facilities
- Places of public accommodation
- Non-Profit as well as for-profit
Architectural Barriers Act

Covers:
• facilities that are designed, constructed, altered, or leased by, or on behalf of the United States.
• facilities receiving certain types of Federal Financial assistance.

Architectural Barriers Act
Accessibility Standards
(Federal facilities)

• Similar standards in effect for all federally funded facilities (except housing)
• Effective May 8, 2006 (February 6, 2007 for leased facilities) for new construction and alteration
• Effective October 31, 2008 for Department of Defense facilities

New Construction and Alterations
Accessible Miniature Golf Courses
June 7, 2012

ADA Standards (2010)
Mandatory March 15, 2012

Use of earlier standards no longer allowed

Effective Date
Applies to date:

• building permit/permit extension application
  is certified as complete
  (or is submitted where completion not certified)
  OR
• start of physical construction or alteration
  (where no permit required and title II entities)

2010 ADA Standards
Same as the Board’s ADA-ABA Guidelines (2004)
... plus requirements DOJ added
Alterations to Existing Facilities

- Provisions apply to the planned scope of work
- Path of travel requirements apply to work on the course

Alterations

Technical Infeasibility

- Determined case-by-case
- Based on existing constraints/conditions and scope of work
- Compliance required to the maximum extent feasible

Existing facilities
Safe Harbor – Existing Facilities

- Elements that comply with 1991 Standards do not need to be modified to meet the 2010 Standards unless those elements are altered on or after March 15, 2012.

Safe Harbor does not apply to elements in existing facilities that were not subject to specific requirements in the 1991 Standards.

For more information, contact DOJ @ 800-514-0301

Elements in 2010 Standards Not Subject to Safe Harbor

(A) Residential facilities and dwelling units
(B) Amusement rides
(C) Recreational boating facilities
(D) Exercise machines and equipment
(E) Fishing piers and platforms
(F) Golf facilities
(G) Miniature golf facilities
(H) Play areas
(I) Saunas and steam rooms
(J) Swimming pools, wading pools, and spas
(K) Shooting facilities with firing positions,
   (L) Miscellaneous,
   (1) Team or player seating
   (2) Accessible route to bowling lanes
   (3) Accessible route in court sports facilities

For more information, contact DOJ @ 800-514-0301

Miniature golf facility elements

INCLUDED IN THE 1991 STANDARD
- Parking
- Facility entrances
- Toilet facilities
- Food counters
- Retail spaces

NOT INCLUDED IN THE 1991 STANDARD
- Accessible routes on the course
- Miniature golf holes
- Start of play areas
- Golf club reach range
What Standards Apply to Existing ADA Facilities?

• Title II — Program accessibility

• Title III — Readily achievable barrier removal

For more information, contact DOJ @ 800 514-0301

Tax Incentives for Improving Accessibility

• Section 44 of IRS Code
• Tax credit - maximum credit $5,000
• Tax deduction – maximum $15,000

Locating provisions

Table of Contents
ADA Application and Scoping
  ADA Chapter 1: Application and Administration
  ADA Chapter 2: Scoping Requirements
ABA Application and Scoping
  ABA Chapter 1: Application and Administration
  ABA Chapter 2: Scoping Requirements
Technical Chapters
  Chapter 3: Building Blocks
  Chapter 4: Accessible Routes
  Chapter 5: General Site and Building Elements
  Chapter 6: Plumbing Elements and Facilities
  Chapter 7: Communication Elements and Features
  Chapter 8: Special Rooms, Spaces and Elements
  Chapter 9: Built-In Elements
  Chapter 10: Recreation Facilities
Other facility provisions
PARKING, TOILET FACILITIES, RETAIL SPACES, FOOD COUNTERS, DRINKING FOUNTAINS, AND OTHER SPACES AND ELEMENTS

Accessible Vehicle Parking

- Marking of access aisles
- Angled vans spaces (aisle on passenger side)
- Sign height (60” min.)

Parking
Scoping applies to each parking facility

<table>
<thead>
<tr>
<th>Total Number of Parking Spaces</th>
<th>Min. Number of Accessible Spaces</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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<td>76 to 100</td>
<td>4</td>
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<td>101 to 150</td>
<td>5</td>
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<td>151 to 200</td>
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<tr>
<td>201 to 300</td>
<td>7</td>
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<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>1001 and over</td>
<td>20, plus 1 for each 100, or fraction thereof, over 1000</td>
</tr>
</tbody>
</table>
Parking
Van Spaces: 1 of 6 accessible spaces

Additional 3’ width can be added to aisle or space

Passenger Loading Zones
At least 1 for every 100 linear ft. of loading zone space provided
**Passenger Loading Zones**

- Aisles - same level as pull-up space
- Aisles to be marked
- No level changes in space or aisle

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**Doors and Gates**

Clearances (Forward Approach)

- **Push Side:**
  - 12” min. strike side clearance
  - If door has both closer & fl (aich)

- **Pull Side:**
  - 18” min. strike side clearance

---

**Reach Ranges**

Side reach range reduced:

48” – 15”

(same as forward reach)
Surfaces
derby variance: 1/4” max (vertical)

1/2” max (beveled)

Surfaces
must be: firm, stable, “slip-resistant”

Loose materials generally not compliant
(unless properly treated)

Knee/Toe Clearances
Specified in Chapter 3
for all elements
(e.g., lavs, sinks,
counters, tables, etc.)

Depth: 17” – 25”
Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches maximum when located 27 inches minimum and 80 inches max.
Accessible Miniature Golf Courses
June 7, 2012

Interior Accessible Routes

- Slope -1:12 max.
- Cross slope – 1:48 max.
- Clear width – 36” min.
- Rise – 30” max.
- Level landings
- Handrails (both sides)
- Edge protection

Ramps

- Slope -1:12 max.
- Cross slope – 1:48 max.
- Clear width – 36” min.
- Rise – 30” max.
- Level landings
- Handrails (both sides)
- Edge protection

Handrails

- Ramp, stairs, and walkways
  - Knuckle clearance: 1 ½” min. (not absolute)
  - Diameter: 1 ¾” – 2” (not 1 ½” max.)
  - Applies to outer diameter (clarification)
Drinking Fountains

Where provided -- exterior site, floor, or secured area
- 2 required (wheelchair & standing access)
- Alternative: single unit with dual access (e.g., “hi-lo” units)
- Multiple installations: 50% of each type (rounded up or down)

Drinking Fountains

- Forward approach - all wheelchair units
- Clear floor space to be “centered”
- Height for standard units: 38 – 43 inches

Toilet Rooms

Allows space for side transfers
Water Closet Clearance
Lavatory overlap no longer permitted

Water Closets
Original ADAAG (fig. 28) permitted overlap

Toilet Rooms
- fixtures can be recessed
- shorter (24” min.) rear grab bar allowed in this case
Toilet Rooms

- Range for toilet centerline
- Lavatory cannot overlap toilet clearance.

Toilet Rooms

Door man. clearance; swing outside fixture clearances

Toilet Rooms

Doors can swing into fixture clearances if clear floor space (30" x 48" min.) provided outside swing
### Toilet Rooms

Turning space can overlap fixture & door clearances; door can swing into turning space.

### Lavatories & Sinks

Hand-operated metering faucets shall remain open for 10 seconds minimum.

### Signs

- **Tactile/visual** – labels for permanent rooms & spaces, exit doors
- **Visual only** – directional or informational signs
- **Exempt**: temporary signs, building menus, directories, addresses, company names and logos

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Visual Signs

- “conventional form”
- character proportion & spacing
- character height based on viewing distance
- location (40” min. height)
- stroke thickness
- line spacing
- finish & contrast

Character Style

New standards specify “conventional form”

Prohibited:

*Italic*  *Oblique*  *script*

*highly decorative*

*or other*  *unusual forms*

Telephones

- volume controls on all phones
- volume control – to 20 dB (12 dB intermediate step)
- automatic reset
- wheelchair access (at least 1 per floor/level, bank, exterior site)
Sales & Service Counters

227 Scoping
- Counters – 1 of each type
- Cash register not factor

904.4 Technical
- Accessible part same depth
- Parallel or forward approach
- No alternatives
- Security glazing – voice communication

ATMs & Fare Machines

Access to 1 of each type at each location
- speech output
- privacy
- input controls
- display screen
- Braille instructions (for speech mode)

Recreation Facilities
Miniature golf facility provisions (239 & 1007)

Miniature golf course configuration

- 50% of holes required to be accessible and consecutive
- Exception permits one break, provided the last hole is included

Miniature golf course configuration

- If only 50% of holes are accessible and consecutive.
- AR cannot travel back through completed holes.
Miniature golf

• Accessible route may be provided on the playing surface or adjacent to

Start of Play Areas

• The clear floor or ground space area at the start of play for each accessible hole must be 48 by 60 inches minimum slope no steeper than 1:48
• The accessible route and the clear space can overlap
Accessible route on the playing surface

Exception from complying with 302.2 for carpet.

Exception from complying with 302.2 for carpet.

Accessible route on playing surface

EXCEPTIONS:

Slopes not steeper than 1:4 for a 4 inch maximum rise are permitted.

Accessible route on playing surface

EXCEPTIONS:

Ramp landing slopes specified by 405.7.1 are permitted to be 1:20 maximum.
Accessible route on playing surface

EXCEPTIONS:
Ramp landing length specified by 405.7.3 are permitted to be 48 inches long min.
Ramps that change directions landing size specified by 405.7.4 are permitted to be 48 inches minimum by 60 inches min.

Accessible route on playing surface

EXCEPTIONS:
Handrails are not required on holes.
Where handrails are provided on holes, not required to comply with 505.

Accessible route on the course

Where accessible routes intersect playing surfaces of holes, a 1 inch max curb permitted for a width of 32 inches min.
Accessible route adjacent to the playing surface

AR serving holes on miniature golf courses comply with Chapter 4.

Cross slope – 1:48
Change in level
Clear width
Doors and gates
Ramps

Accessible route adjacent to the playing surface

- Adjacent to the playing surface
- Compliant accessible route

Golf club reach range

36 max. - 36 min. ± 1/8
*Note: 1:20 maximum slope

Fig. 63
Golf Club Reach Range
Technical Assistance Material

http://www.access-board.gov/indexes/pubsindex.htm

Questions?

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

Where to direct questions

U.S. Department of Justice
• Implementing regulation and additional requirements
• Requirements for existing facilities – title II & III
  (800) 514-0301 (voice)
  (800) 514-0383 (TTY)
  www.ada.gov

U.S. Access Board
• 2010 Accessibility Standards for new construction and alterations
  (800) 872-2253 (voice)
  (800) 993-2822 (TTY)
  (202) 272-0081 (FAX)
  ta@access-board.gov
  www.access-board.gov
Thank you for participating in today’s webinar

Next scheduled session:
“Accessible Kitchens and Kitchenettes”
July 5, 2012

www.AccessibilityOnline.org 877-232-1990 (V/TTY)