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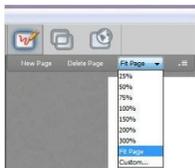
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Customize Your View *continued*



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Open Question and Answer Session

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Presenters

U.S. Access Board



Marsha Mazz



Rex Pace

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Session Agenda

- Accessible Routes
- Plumbing
- Communications
- Housing
- Other
- Future Rulemakings
- Application of Various Standards

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Accessible Routes

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Location of Bus Stops



- Accessible route connections to shelter
- Connection to other pedestrian facilities
- No requirement to be on shortest route as with accessible parking spaces

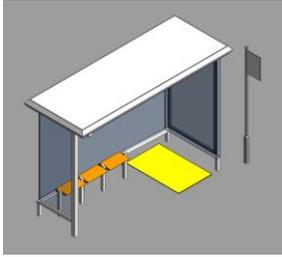
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Bus Shelters (810.3) and PROW NPRM

Clear space can be located anywhere in the shelter as long as it is under cover.

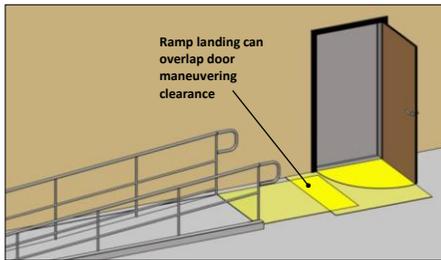
New in PROW to clarify the intent of 810.3

Where the space is in front of the seat, it cannot overlap the area within 1.5 ft. of the front edge (R308.2).



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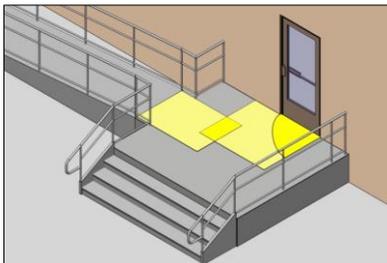
Overlap of Ramp Landing and Door Maneuvering Clearances



405.7.5 Doorways

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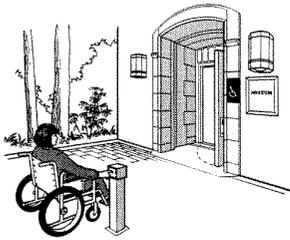
Overlap of Ramp Landing and Door Maneuvering Clearances



405.7.5 Doorways

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Automatic and Power-Assisted Doors (404.3)



- Not required by Standards
- Standby Power and maneuvering clearances
- Use where space is limited

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Automatic and Power-Assisted Doors (404.3)

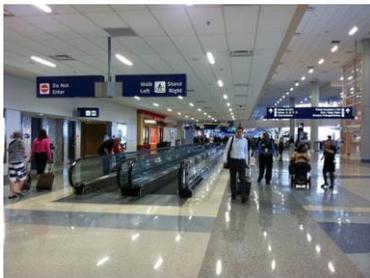


1.3.7 Accessible Public Entrances – At least one entrance complying with Section 404.3

GSA's Public Buildings Service
P100 Facilities Standard

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Accessible Routes (206)



Moving Walkways

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Multi-Story Buildings and Facilities (206.2.3)



Exception 5 for multi-story transient lodging guest rooms with mobility features

Spaces complying with 806.2 must be on an accessible route and sleeping accommodations for 2 persons minimum provided on a story served by an accessible route

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Housing at A Place of Education



In DOJ's updated ADA regulations:

Housing at a place of education is covered as transient lodging and not as residential, includes University dormitories - §35.151(f) & §36.406(e).

Several requirements of 809 Residential Dwelling Units will apply.

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Housing at A Place of Education



Additional Requirements:

- turning spaces and work surfaces in kitchens (809.2.2 & 804.3)
- **accessible route throughout housing unit (809.2.1)**
- year-round leased graduate students or faculty apartments and townhouse facilities considered residential facilities if no educational programming

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Alterations: Entrances to Historic Buildings (206.4)



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Alterations: Entrances to Historic Buildings (206.4)

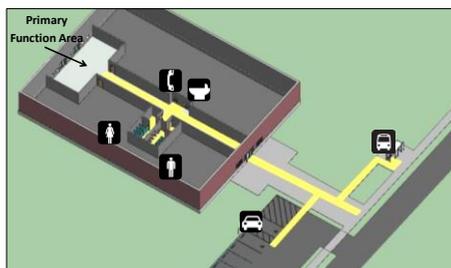
206.4 Entrances. Entrances shall be provided in accordance with 206.4. Entrance doors, doorways, and gates shall comply with 404 and shall be on an accessible route complying with 402.

EXCEPTIONS: 1. Where an alteration includes alterations to an entrance, and the building or facility has another entrance complying with 404 that is on an accessible route, the altered entrance shall not be required to comply with 206.4 unless required by 202.4.

2. Where exceptions for alterations to qualified historic buildings or facilities are permitted by 202.5, no more than one public entrance shall be required to comply with 206.4. Where no public entrance can comply with 206.4 under criteria established in 202.5 Exception, then either an unlocked entrance not used by the public shall comply with 206.4; or a locked entrance complying with 206.4 with a notification system or remote monitoring shall be provided.

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One Accessible Route Connecting All Accessible Entrances, Spaces and Elements



(206.2.1, 206.2.2, and 206.2.4)

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Accessible Route to Altered Single Element

202.3 Alterations.

* * * * *

EXCEPTIONS: 1. Unless required by 202.4, where elements or spaces are altered and the circulation path to the altered element or space is not altered, an accessible route shall not be required.

* * * * *

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Disproportionality Path of Travel

DOJ's 2010 ADA Standards:
28 CFR §36.403(f) and 28 CFR
§35.151(b)(4) (iii)

Path of travel is required to the extent that it is not "disproportionate" to the project cost (more than 20%)

Compliance required up to the 20% limit

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Alterations (106 Definition)

What is **not** an alteration?

Normal maintenance, reroofing, painting or wallpapering, or changes to mechanical and electrical systems are not alterations **unless they affect the usability of the building or facility.**

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Path of Travel

Example project calculation:



Total cost of all alterations: \$200,000

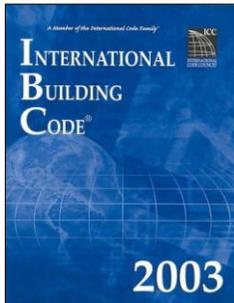
Cost pertaining to PF areas: \$100,000

Path of travel cost cap: \$20,000 (20%)

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Accessible Means of Egress (207)

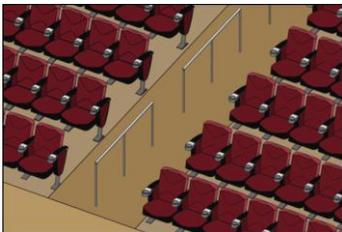
- Reference to the International Building Code (IBC)



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Common Path of Travel - IBC

The point at which a choice of two exits becomes available



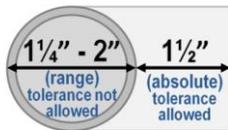
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Plumbing

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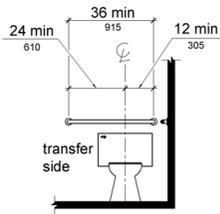
Spacing & Grab Bar Length (609.3)

Grab Bar Diameter and Clearance



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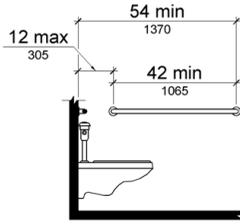
Spacing & Grab Bar Length (609.3)



convention is to set length between center of escutcheon plates

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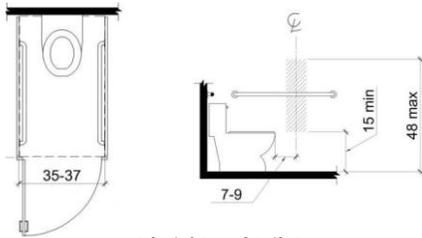
Side Wall Grab Bar at Water Closets (604.5.1)



All dimensions are critical.

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Ambulatory Accessible Toilet Compartment (604.8.2)



Seat height and toilet paper dispenser must meet requirements.

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Shower Spray Unit (607.6 & 608.6)

Hand-held shower spray unit

on/off control with "non-positive shut-off"

ICC A117.1-2009 language



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Communications

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Assistive Listening Systems

Required where (219.2):

- In **assembly areas** where audible communication **integral** to use of space
- Except for courtrooms, not required where there is no audio amplification



Not triggered by fixed seating or occupant load

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When is Audible Communication *not* Integral to the Use of Assembly Spaces?



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Assembly Area Defined (106.5)

- Used for the purpose of entertainment, educational or civic gatherings, or similar purposes
- Includes: classrooms, lecture halls, courtrooms, public meeting rooms, public hearing rooms, legislative chambers, motion picture houses, auditoria, theaters, playhouses, dinner theaters, concert halls, centers for the performing arts, amphitheaters, arenas, stadiums, grandstands, or convention centers

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Is Assistive Listening Sufficient to Ensure Effective Communication?



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DOJ: Effective Communication

28 CFR 35 Subpart E—Communications
28 CFR 36.303 Auxiliary aids and services



EMERGENCY Lock ALL Doors
until further notice.

Paging Systems and Text Displays

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Auxiliary Aids and Services



Computer Assisted Real-time Transcription (CART) and Interpreters

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Visual Presentations:

How Can I Accommodate Someone with Low Vision?

- Reserve seats close to presentation
- Provide alternate formats e.g., large print, electronic files, one slide/page handout
 - Allow for use of a PC during presentation e.g., work surface with power depending on duration
- Describe visual presentation
- ALWAYS ASK
 - each person has different needs and preferences

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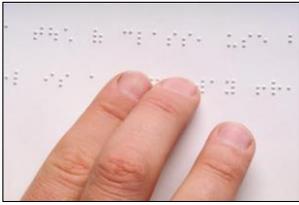
Designations (216.2)



Bilingual Signs

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Braille (703.3)



Grade 2 is English Literary Braille

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Designations (216.2)

- Occupant Name
(Exempt: Temporary)
- Function Designation
(Visual)
- Number Designation
(Tactile)



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Designations (216.2)



space designations –
“tactile” and “visual”

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Housing

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Additional DOJ Requirements



In DOJ's updated ADA regulations:

Dwelling units in a social service center establishments such as group homes, halfway houses, shelters, or similar are covered as residential dwelling units - §35.151(e) and §36.406(d).

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Social Service Center Establishments

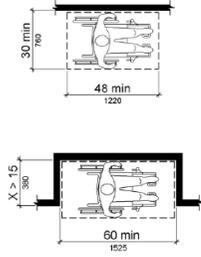


Additional Requirements:

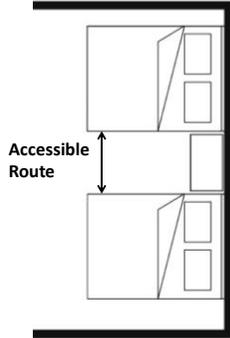
- In sleeping rooms with more than 25 beds - minimum of 5% of the beds must have clear floor space meeting 806.2.3.
- Facilities with more than 50 beds and provide common use bathing facilities –at least one roll-in shower with a seat – for each gender when separate bathing facilities provided

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Sleeping Areas (806.2.3)

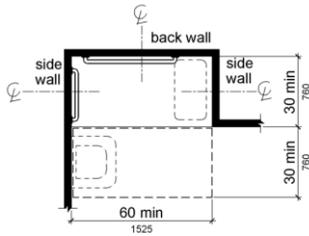


Clear floor space for a parallel approach (305)

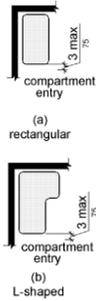


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Roll-in Showers with Seats (608)



Shower seat must be folding type.



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Housing at a Place of Education



Unit for a resident manager

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Other

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Outdoor Benches

ABA Requirements for
Outdoor Developed Areas:

1011 Outdoor
Constructed Features –
Benches



No current requirement in
the ADA Standards

Proposed Accessibility
Guidelines for PROW:

R212 Street Furniture –
Benches

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Detectable Warnings Required

ADA - ABA Standards



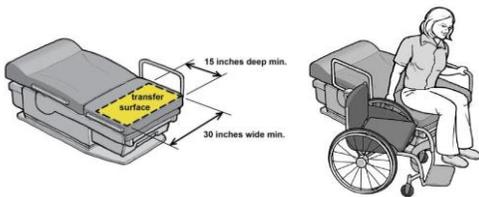
ADA Transit Facilities
FHWA Funded Facilities
Public Rights-of-Way NPRM

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Future Rulemakings

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Accessible Medical Diagnostic Equipment (MDE)



M301 Diagnostic Equipment Used by Patients in Supine, Prone, or Side-Lying Position

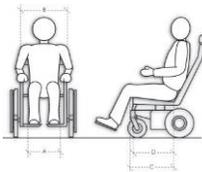
Transfer surface – 30 inches wide min. proposed in NPRM

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Accessible MDE



equipment types and transfers



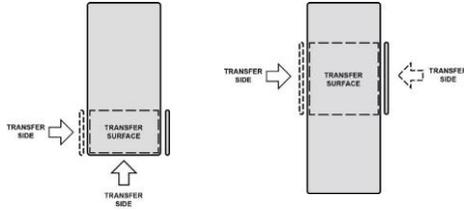
wheeled mobility anthropometry data

Advisory Committee Considerations and Report:

<http://www.access-board.gov/guidelines-and-standards/health-care/about-this-rulemaking>

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Accessible MDE



Transfers at Foot End
28" wide min. by
17" deep min.

Transfers at Sides
28" wide min. by
28" min. deep

Advisory Committee Recommendations

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Self-Service Transaction Machines

Currently, the ADA Standards require only ATMs and fare vending machines to provide audible output. All self-service machines must meet the requirements for operable parts.



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FAA Regulations: Automated Ticketing Kiosks Based on §508 and ADA §707



49 CFR Part 27 14 CFR Part 382
14 CFR Part 382

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Self-Service Transaction Machines



See also the DOJ ANPRM on
Equipment and Furniture

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Vehicle Guidelines Update

Update of ADA
guidelines (1991) for:

- Buses
- Vans
- Rail cars
- Other modes

Next step – Final Rule



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Public Rights of Way

- NPRM published July 26, 2011
- Over 600 comments received
- Next step regulatory assessment and final rule
- SNPRM Published on Shared Use Path Guidelines - to be included with PROW provisions



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Passenger Vessels

- NPRM published June 25, 2013; comment period ended January 24, 2014
- Three previous drafts– November, 2004, July, 2006 and June, 2008
- Numerous information meetings and vessel visits
- Passenger Vessel Emergency Alarms Advisory Committee report – September 10, 2008
- Next step – final rule

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Rail Vehicles Guidelines Update

- Update of 1991 ADA guidelines for:
 - rapid rail, light rail, commuter rail, intercity (Amtrak) rail, automated guideway, high-speed rail, and trams and similar vehicles
- Advisory Committee – On-going since May 2013

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Information & Communications Technology

- NPRM published February 25, 2015
- Public hearings (9:30 – 11:30)
 - March 5th at CSUN and March 11 at the Access Board's Offices
- Next step – final rule



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“Everything and the Kitchen Sink Too”

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Questions?

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"Application of the ADA and ABA Accessibility Standards"

2:30 pm – 4:00 pm

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Course Title: Open Question and Answer Session
Course Number: GL20150305 Session Code E
Date: April 2, 2015



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