

ADA Standards for Construction

It is the policy of Creighton University to assist individuals and provide reasonable accessibility and accommodations. In a continuing effort to improve and provide a barrier free campus, Creighton University will implement the 2010 Standards for Accessible Design.

The new ADA Guidelines, overhauls the current documents, updates technical and scoping provisions, new format, numbering system and figures, and is consistent with model building codes and industry standards.

The new guidelines which are harmonized with model building codes and industry standards will provide improved outcomes in areas such as Assembly Seating, Reach Ranges, Children's Facilities, Bathrooms, Parking, Stairs and Handrails and many more.

ADA Requirements

A. All work by all trades involved with the project shall be in compliance with the requirements of the Americans with Disabilities Act (ADA) 2010 Standards for Accessible Design. The contractor shall be aware of the requirements and perform work in accordance with the requirements. The plans and specifications for this project may not include all the design criteria. Omission in design is not to be construed as an elimination of the ADA requirements.

Examples of included Requirements:

1. Clear Width. Door openings shall provide a clear width of 32 inches 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 deep shall provide a clear opening of 36 inches minimum. There shall be no projections into the required clear opening width lower than 34 inches above the finish floor or ground. Projections into the clear opening width between 34 inches and 80 inches above the finish floor or ground shall not exceed 4 inches.
2. Recessed Doors and Gates. Maneuvering clearances for forward approach shall be provided when any obstruction within 18 inches of the latch side of a doorway projects more than 8 inches beyond the face of the door, measured perpendicular to the face of the door or gate.
3. Passing spaces if an accessible route is less than 60" wide, passing spaces are required at maximum 200' intervals. Passing space may be either 60"x60" space or a T-Intersection of two walks or corridors.
4. Gratings if located in walking surfaces shall have spaces no wider than ½" in one direction. If grating openings are elongated, then the grating shall be placed so that the long dimension is perpendicular to the direction of travel.

5. Protrusion Limits. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor or ground shall protrude 4 inches maximum horizontally into the circulation path. Protruding objects shall not reduce the required clear width of an accessible route or maneuvering space.
 6. The 2010 Standards specifies a maximum 48-inch high side reach and a minimum 15-inch low side reach where the element being reached for is unobstructed. Changes in the side-reach range for new construction and alterations in the 2010 Standards will affect a variety of building elements such as light switches, electrical outlets, thermostats, fire alarm pull stations, card readers, and keypads.
 7. The 2010 Standards adds a new exception to the scoping requirement for visible alarms in existing facilities so that visible alarms must be installed only when an existing fire alarm system is upgraded or replaced, or a new fire alarm system is installed.
 8. The path of travel requirement provides that when a primary function area of an existing facility is altered, the path of travel to that area (including restrooms, telephones, and drinking fountains serving the area) must also be made accessible, but only to the extent that the cost of doing so does not exceed twenty percent (20%) of the cost of the alterations to the primary function area.
 9. The 2010 Standards requires at least sixty percent (60%) of public entrances to be accessible. The revision is intended to achieve the same result as the 1991 Standards. Thus, under the 2010 Standards where two public entrances are planned in a newly constructed facility, both entrances must be accessible.
 10. Signage shall comply with the following requirements: Character height, finish and contrasting color, Braille, height above finish floor.
 11. Width of turns shall be 36" clear width minimum for a 90 degree turn if no additional turn is required within 48". Clear width with turns around an obstruction less than 48" wide shall be 42" minimum with a minimum 48" width a turn.
 12. Carpet or carpet tile shall have the following features:
 - A firm cushion, pad or backing. No pad is preferred.
 - A level loop, textured loop, level cut pile, or level cut/uncut pile texture. Maximum pile thickness of 1/2".
 13. Exposed edges fastened to floor surfaces with carpet edge trim along entire length of exposed edge.
- B. We encourage you to review the new 2010 ADA requirements which can be downloaded for free on the following web site: <http://www.access-board.gov/ada>