**Signs, Street Furniture & Landscaping**

These may obstruct the walking path or become protruding objects if located within, adjacent to, or above a sidewalk. Signposts, utility poles and other street equipment or furniture must not obstruct the clear width of the accessible route (36" min.) Signs may be no lower than 84" (FDOT Design Standards) above the walking surface. Any object located between 27" and 80" above the walking surface that protrudes into the walking path may project no more than 4" from a wall or post. At no point may a projecting element reduce the clear width of the path to less than 36".
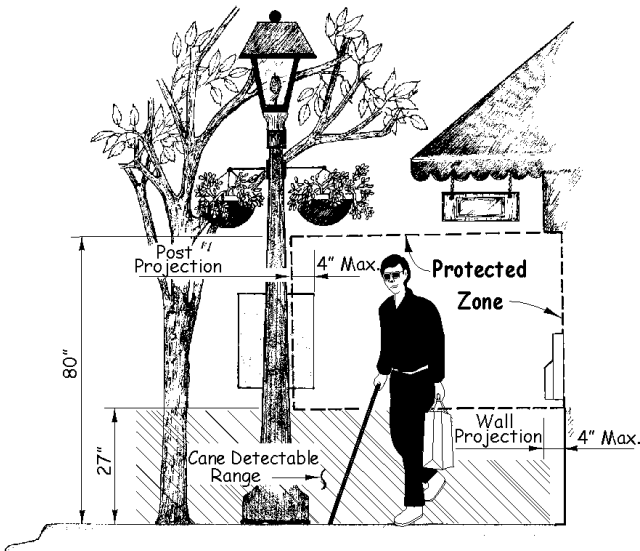
Intent is to eliminate objects that may protrude into the pedestrian path, reducing access and possibly causing injury

What is the ADA?

The ADA is a federal civil rights law that requires pedestrian facilities to be accessible to and usable by all people, including those with disabilities.

Roadway Features
Addressed by the ADA

This brochure describes basic requirements of the ADA and accessibility issues related to the design, construction and maintenance of streets and roadways. It is intended as a quick-reference guide for field personnel on roadway projects to assist the installation of accessibility features on public sidewalks.

Pedestrian features that are designed and constructed to meet the accessibility criteria described in this brochure will meet the requirements of the ADA and will be accessible to and usable by persons with disabilities.

Accessible Streets

Street Design & Construction
in Compliance with the
Americans with Disabilities Act (ADA)

This brochure addresses the following accessibility issues on public roadway projects:
- Sidewalks
- Street Crossings
- Pedestrian Pushbuttons
- Curb Ramps & Detectable Warnings
- Signs & Landscaping

Florida Department of Transportation
*ADA/Accessibility Compliance Program*

Sidewalks

A primary element of an accessible route, a sidewalk must have a clear width of at least 36 inches (60" in FDOT Design Standards) with a 2% max. cross slope. Walkarounds at driveways must be at least 48" wide (36" in restricted conditions) with a 2% max. cross slope. Sidewalk surfaces must be firm, stable & slip-resistant (broom-finished concrete in FDOT Specs.)

48" Walkaround*

Turnout

Sidewalk
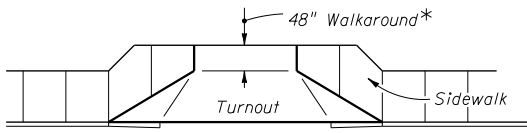
* 48". May Be Reduced To 36" In Restricted Conditions When Approved By The Engineer

Street Crossings

A curb ramp must be within the limits of any crosswalk markings for its crossing. To the extent feasible, the cross-slope of the crossing should not exceed 2%. The change in slope from a curb ramp to the street surface must be no greater than 13.33% (see below.)

8.33%

5%
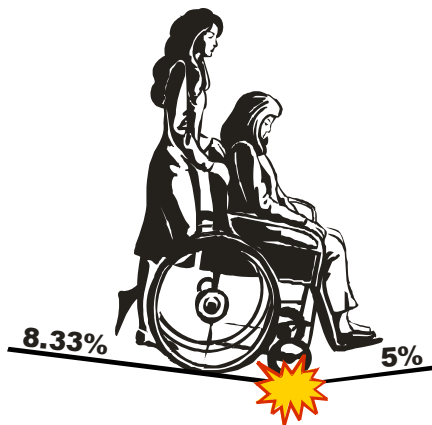
Algebraic difference must be no greater than 13.33%

Pedestrian Pushbuttons

The conditions that determine accessibility of ped buttons are the height of the button and the maneuvering space. The ped button may be no more that 42" above the walking surface (FDOT Standards.) There must be a level (no greater than 2%) maneuvering area in front of each ped button that is at least 30"x48" - preferably 60"x60" or more. The reach distance from the edge of the maneuvering area to the ped button may be no more than 15".

Metal Strain Pole

Push Button

3'-6"

15"

30"x42" Maneuvering Area

Grade
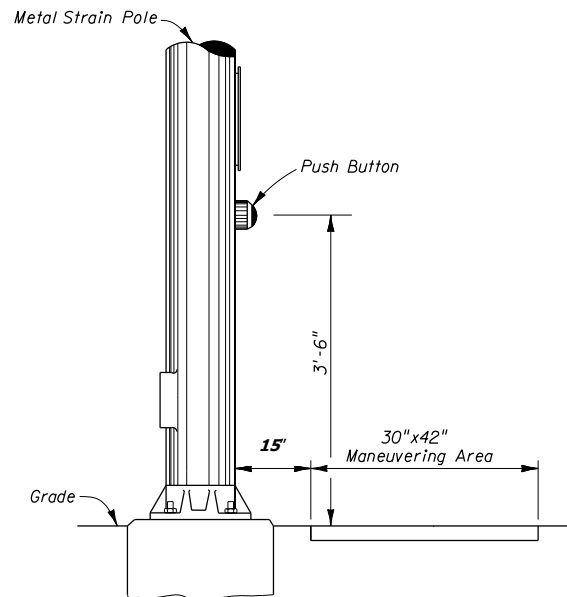
Curb Ramps & Detectable Warnings

Issues of concern on curb ramps are: Running Slopes, Cross Slopes, Top Landings and Detectable Warnings. Curb ramps may have a running slope no greater than 1:12 (8.33%) and a cross-slope no greater than 2%. Each curb ramp must be at least 48" wide and have a landing at the top that is at least 48" deep (36" deep in restricted conditions) and at least as wide as the curb ramp. All sidewalk curb ramps must have detectable warnings, of contrasting color, that extend the full width of the ramp and 24" from back of curb. The only acceptable detectable warning pattern is "truncated domes", as shown below.

Edge Of Detectable Warning

≤ 2"

≤ 2"

1.6" Min. 2.4" Max.

1.6" Min. 2.4" Max.

Direction of Travel

0.9" Min. 1.4" Max.

0.2" ±0.02"

Integral Dome

TRUNCATED DOME

Truncated Dome

DETECTABLE WARNINGS

0.02 Max.

Utility Strip

48" Min.

48" Min.

24"

Ramp

1:12

Detectable Warning

PICTORIAL VIEW