# GENERAL SIDEWALK REQUIREMENTS

**Corrective Work:** Do not exceed ADA minimum or maximum requirements (unless specified in the contract for a given site infeasibility condition). If exceeded, provide corrective work as approved by the Engineer to bring the work into compliance with ADA Standards.

# Minimum Sidewalk & Ramp Widths:

5 ft. [1525] for new construction and where feasible in existing infrastructure. ADA Minimum = 4 ft [1220] (with passing zones).

Provide sidewalk passing zones every 200 ft. [61m] (ADA maximum) when the clear width of the sidewalk is less than 5 ft. [1525]. Passing zones are minimum of 5 ft. [1525] x 5 ft. [1525] (ADA minimum).

Cross-Slope (perpendicular to the travel direction):

Slope sidewalks at 1.5% towards street unless otherwise shown. ADA maximum cross-slope = 2.0%.

Sidewalk Grade: If the sidewalk is contained within the roadway/highway right of way, do not exceed the maximum grade for the adjacent roadway. For other areas, do not exceed 4.5%. ADA maximum = 5.0%. Exception: curb ramp grades have their own requirements.

Curb Ramps: Provide curb ramps and landings at all pedestrian street crossings and for each direction of travel. Provide perpendicular ramps or combination ramps where available right-of-way exists.

**Detectable Warnings:** Provide color contrast detectable warnings in accordance with the contract for all ramps for the entire ramp width for perpendicular ramps and the entire street grade landing for parallel ramps. The rust like pating on cast iron detectable warnings is considered to meet color contrast requirements.

Pedestrian Signal Actuators: Provide in accordance with MUTCD.

Sidewalk Closures (for construction): Provide sidewalk closures in conformance with ADA and MUTCD requirements.

Expansion Joints: Provide expansion joints (shown below) as required in the contract.







Do not permit objects (street furniture, signs, trees, branches, etc.) along side or overhanging any portion of a pedestrian circulation path which reduces the **clear width** of the pedestrian access route below 4 ft. [1220] (5 ft. [1525] or greater preferred) or the **clear height** below 6'-8'' [2030] (8 ft. [2440] preferred). An object above the cane detection line is not permitted to protrude horizontally more than 4 in. [100] from the vertical projection of an object located within the cane detection range.

The requirements above for clear height and protruding objects apply to the entire circulation path for which a pedestrian can walk.



















![](_page_7_Figure_0.jpeg)