GENERAL SIDEWALK REQUIREMENTS

AIA minimum sidewalk width and ramp widths:
- 6 ft (1.8 m) for standard sidewalk.
- 4 ft (1.2 m) for existing infrastructure where it is not feasible to construct a 6 ft (1.8 m) minimum passing zone every 200 ft (61 m) maximum.

Provide 1:4:18 cross-slope for sidewalks and landings for drainage. Stops towards curb and gutter unless otherwise shown.

Provide exterior detectable warning devices at all locations where the curb ramp enters a street or parking lot.

TYPICAL EXPANSION JOINT DETAIL

1/2" (13) preformed expansion joint filler and sealant

CRUSHED GRANULE OF OTHER NON-PEDESTRIAN AREA
1/2" (13) preformed expansion joint filler and sealant

VERTICAL CURB RAMP

1/2" (13) preformed expansion joint filler and sealant

DIAGONAL RAMP

WHEN USING DIAGONAL RAMPS, PROVIDE A LARGE ENOUGH HALLWAY TO ALLOW AN MAXIMUM PROJECTION 4 FT (.9 m) BEYOND THE RAMP TO BE FULLY CONTAINED WITHIN THE INTERSECTING TANGENT LINES FROM THE CENTER OF CURB FOR EACH DIRECTION OF TRAVEL. BUS 960 FT (.28 m) OR GREATER OR A PERPENDICULAR INTERSECTION AND A 6 FT (.9 m) WIDE RAMP

NARROW SIDEWALKS BYPASS

WHERE RAMPS ARE THE TYPE OF TREATMENT

1/2" (13) preformed expansion joint filler and sealant

1/2" (13) preformed expansion joint filler and sealant

CURB & GUTTER

GRASS PLANTING OR OTHER NON-PEDESTRIAN AREA
1/2" (13) preformed expansion joint filler and sealant

VERTICAL CURB RETURNING

1/2" (13) preformed expansion joint filler and sealant

DIAGONAL RAMP RESTRICTED USE ONLY!

SEE NOTES - SHEET 2

1/2" (13) preformed expansion joint filler and sealant

CURB & GUTTER

TYPICAL CURB RAMP TYPE I TREATMENTS

BULB OUT

1/2" (13) preformed expansion joint filler and sealant

1/2" (13) preformed expansion joint filler and sealant

PARKING

SIDEWALK WIDTH

CURB & GUTTER

SIDEWALK WIDTH

1/2" (13) preformed expansion joint filler and sealant

1/2" (13) preformed expansion joint filler and sealant

CURB & GUTTER

CURB & GUTTER

BULB OUT

SIDEWALK WIDTH

1/2" (13) preformed expansion joint filler and sealant

1/2" (13) preformed expansion joint filler and sealant

CURB & GUTTER

CURB & GUTTER

BULB OUT

SIDEWALK WIDTH

1/2" (13) preformed expansion joint filler and sealant

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CURB & GUTTER

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CURB & GUTTER

CURB & GUTTER

BULB OUT

SIDEWALK WIDTH
PROTRUDING OBJECTS & COLORED DETECTABLE WARNING DEVICES

Overhead Protrusions (such as trees, canopies, etc.):
Avoid placing protruding objects within the pedestrian way.
Provide headroom of 8 ft. [2440] or greater where possible.
ADA specifies a minimum of 8" - 18" [2030].

Lateral Protrusions (such as signs, water features, street furniture, etc.):
Where necessary, ADA permits objects to protrude no greater than 4 in. [100] laterally from a wall when they are located above the cane detection line. Objects with their leading edges below the cane detection line may protrude as necessary as long as it does not restrict minimum accessible route widths. Care should be used however to prevent tripping or other impediments to general pedestrian traffic. Objects mounted on a pole may protrude up to 12 in. [300] laterally if mounted above the cane detection line, but it is recommended to limit that distance to 4 in. [100] laterally from the pole unless mounted 7 ft. [2130] or greater above the pedestrian way.

COLORED DETECTABLE WARNING DEVICES

Provide colored detectable warning devices at all curb ramps and other locations where there are no vertical drop-offs to aid visually impaired that they are entering into a traffic area (excluding driveways and approaches).
Provide only those devices which meet ADA requirements and are of the type and color specified in the contract.
NOTES:
Accessible Parallel Parking Spaces should consist of the standard parking stall (8 ft [2.4 m] wide, plus 5 ft [1.5 m]) to accommodate van wheelchair use and access from either side of a vehicle.

**Bus Pullout**:
L₁ = Length required for bus to maneuver out of pullout
L₂ = Length of bus + 10 ft [3.0 m]
L₃ = Length required for bus to maneuver into pullout

See plans for locations and actual dimensions of accessible parking stalls and/or bus pullouts.

**Median or Island Out**

10" [3.0 m] OR WIDER MEDIAN CUT DETAIL

1. Provide pedestrian cuts through medians that are aligned for all directions of travel.
2. For median cuts less than 10 ft [3.0 m] wide, provide a crown at the center of the median. Slope ramps toward the street. Do not exceed a slope of 1V:12H. Use a ramp width of 6 ft [1.8 m] when possible. If not, maintain an absolute minimum ramp width of 3 ft [0.9 m].
3. For median cuts 10 ft [3.0 m] and wider, provide a level landing. Do not exceed a 1V:12H ramp slope. Ramp slopes 3 ft [0.9 m] or less are desirable for ADA concerns. Use a ramp width of 6 ft [1.8 m] when possible. If not, maintain an absolute minimum ramp width of 3 ft [0.9 m].
4. Use a 4 ft [1.2 m] minimum landing. Do not exceed a slope of 1V:48H in any direction.