

Instructions for Assessing Existing Ramps

ADA Curb Ramp Form (Scoping)

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PBOT
PORTLAND BUREAU OF TRANSPORTATION

April 16, 2024

Contact an ADA Technical Advisor if you have any questions. They are here to help you!

Element	Allowable Flexibility	Notes
Ramp slope	8.3% or less	If landing is good and all other criteria is met, but ramp is steeper than 8.3%, review with ADA Technical Advisor. They may provide you with an email to attach to the scoping form documenting approval.
Landing Slope	2.4% or less	Rounding to 2% is allowed.
Perpendicular	Old Style Ramps	It is not necessary to rebuild a ramp only because it is not perpendicular. If the ramp meets all other criteria, we can keep it in place.
Flare Slope	Greater than 10% relative to running street grade if needed for drainage and street grade conformance.	
Top Landing Size	Clear width at least as wide as the curb ramp, excluding flared sides, with a minimum clear landing length of 36" (plus 1' clear from an obstruction).	
Truncated Domes	Domes Required.	Add/fix truncated domes as part of project alteration/new construction limits, if existing domes are damaged or non-existent.
Ramp Cross Slope	2.4% or less	Rounding to 2% is allowed.
Algebraic Grade Difference (Ramp to Street)	11.4% or less	If this cannot be met with paving adjustments, talk with your ADA Technical Advisor for a review and approval. Attach ADA Technical Advisor approval to Assessment Form. To eliminated 11% grade break, 2' Flat bottom landings required on ramps built after 2020.
Ramp Width	36" absolute min for low ped volume corridors.	36" ramp with allowable for existing ramps. If ramp is in high pedestrian volume corridor, 4' min. is absolute requirement when only 1 diagonal is used at corner. Talk with your ADA Technical Advisor for approval.

<https://forms.monday.com/forms/eefc5076f2d4a5e3b8f3e59350cbdca>

Ramp Condition Assessment Request

This service provides a condition assessment based on the minimum acceptance criteria for the CREC legal group. It in no way replaces or supersedes a full review of the existing conditions in determining the necessities of a given project. It is performed as a courtesy and depends on the availability of ARC inspectors to complete the task as time allows.
 Data will not be presented on the old paper form

Use the Inspection Form for your Ramp Assessments [Inspection Form](#)

For criteria not met, note why. Keep this completed form with project design/permittin g files, along with supporting documentation such as email(s) from your ADA Technical Advisor.

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 FORM DATE: 1/1/2021
 Project Aid #: _____ Federal Aid #: _____
 Inspected by: _____ Date: _____
 Additional Comments Attached?
 Street 1: _____
 Street 2: _____
 (Include Station as needed for location)
 Comments: _____
 Photo Time: _____
 Draw in storm inlet(s) in front of ramp
 Counter Slope (AC) or Gutter Counter Slope
 Draw Arrow if Skopes Differ from Diagram
 Gutter Pan Width X
 4' x 4' Flat Landing Area Only for Diagonal Ramps
PERPENDICULAR RAMP MEASUREMENT
 Measure Dimensions Length and Slope in Tenths
 Meets Std. Dig. P-547 or P-648 Requirements?
 Measure Slopes
 Algebraic Difference $\leq 11\%$?
 Counter Slope: _____ %
 Greater of J & K: _____ %
 Relative Flare Slope $\leq 10\%$?
 Flare Slope 1: _____ %
 G1 (Street Slope): _____ %
 Flare Slope 2: _____ %
 G2 (Street Slope): _____ %
 Has the Ramp Been Altered From Design? Y N
 Only Tactile Panel Installed? Y N
 Approved Federal Color - Yellow: Y N
 Tactile Panel Manufacturer: _____
 Is the Ped. / Signal Pole Located Per Plans? Y N N/A (N - Attach photo) Is the Ped Push Button positioned with face of push button parallel to the crosswalk to be used, with a mounting height of approximately 3.5', but no more than 4', above the sidewalk, at a maximum reach distance of 10' from edge of landing? Y N N/A. (Explain)
 Is the Ramp Lip Flash? Y N
 Any Historical Features? Y N
 If 'Yes' Attach Picture
 Inspected by: _____ (Print Name) _____ (Signature) / Date
 Approved by: _____ (Print Name) _____ (Signature) / Date
 Check if ADA Design Variance applies
 Note: If Design Variance has been approved, attach L.
RULES FOR MEASURING
 1. See PBOT ADA Ramp Inspection Manual for level selection.
 2. Follow level Manufacturer's calibration instructions.
 3. Provide completed report to Construction Manager or Inspection Supervisor for review and signature.

Step by Step – Existing Ramp is Acceptable

