



SUBJECT ADA Sidewalk Curb Ramp Detail - Minimum Requirements In Construction Plans	FINAL NUMBER RD17-01(B)	EFFECTIVE DATE 05/01/2017	VALIDATION DATE 	SUPERSEDES or RESCINDS New
TOPIC/PROGRAM <u>Standard Details and HDM</u>	APPROVED SIGNATURE Original signed by: Michael Kimlinger, PE Interim State Traffic-Roadway Engineer			

PURPOSE

ADA sidewalk curb ramps need to include consistent information in the construction documents for all curb ramps that function as a part of the pedestrian access route across and along ODOT highways.

GUIDANCE

Standard Details DET1720 and DET1721 are on the ODOT standard details web site to show an example detail and give directions about developing the detail. These details have been updated and are found at http://www.oregon.gov/ODOT/HWY/ENGSERVICES/pages/details_roadway.aspx#Curb_s,_Islands,_etc-DET_1700s

BACKGROUND/REFERENCE

To assist getting ADA compliant curb ramps built, it has been determined that each ramp needs to be shown in a full detail in the contract plans. These are to be buildable drawings showing at least the minimum amount of information referenced in DET1721.

RESPONSIBILITIES

It is the responsibility of the Roadway Design Engineer to provide all of the slope and elevation information on the detail. It is also their responsibility to correctly identify the ramp using the Linear Referencing Method (LRM) number and to list design exception control numbers on the plan set.

Internal ODOT staff can locate the LRM information using TransGIS. Clicking the box for the Roadside>ADA Ramps and selecting the "Apply" button will turn on the curb ramp level. This will allow the user to use the GIS map to zoom into the project site and identify the ramp. The LRM information is listed in the TransGIS as "Lrs_key".

ACTION REQUIRED

Minimum information required to be shown for all curb ramps details:

- 1) Elevations at front and back of ramp; front and back of wings; and horizontal breaks along back of sidewalk.
- 2) Linear Referencing Method (LRM) number and corner position data.
- 3) Design exception control number or N/A if no design exception is required.
- 4) Label sidewalk width.
- 5) Sq. Ft area of the retrofit ramp. (See Oregon Standard Drawings RD752 & RD753 for pay limit locations).
- 6) Utilities and conflicts shown.
- 7) When signals are present, location of signal pole, pedestrian pole, and push button locations.
- 8) List the scale of the detail.
- 9) List radius of the corner, if appropriate.

CONTACT INFORMATION

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