

November 27, 1995

TO: All Holders of the City of Salem Design Standards

EFFECTIVE DATE: January 1, 1996

SUBJECT: **DEVELOPMENT BULLETIN #22**

The following information is distributed as a public service to the Salem development community of engineers, architects, contractors, builders, and developers to make them aware of any changes in the City permit and plan approval process, design standards, or construction standards which may have an impact on their operations:

BICYCLE AND WHEELCHAIR RAMPS

PURPOSE: NOTICE OF CHANGE TO STREET DESIGN STANDARDS

The following are changes to the Street Design Standards to define the design process for wheelchair and bike ramps. Specifically, the process has been set up to eliminate the ponding of water in ramps and remain in compliance with ADA requirements. As the Standard Construction Specifications refer to these ramps as “sidewalk ramps,” this terminology shall be used rather than wheelchair, bike, or pedestrian ramps.

2.17 BICYCLE AND WHEELCHAIR RAMPS—Change this title to the following:

2.17 SIDEWALK RAMPS

—Add the following to paragraph a.:

In addition, all ramps shall conform to requirements of the Americans with Disabilities Act and requirements contained herein.

—Replace paragraph c. with the following:

- c. Ramps shall be located to avoid catch basins or catch basins shall be relocated.

—Replace paragraph d. with the following:

- d. In situations where a sidewalk ramp is being retrofitted to an existing curb, the Engineer shall obtain sufficient survey elevations at the ramp locations to determine the curb grades and analyze the drainage. Engineer shall show on the plans the extent of the existing curb and the sidewalk to be replaced. Type A curb and gutter shall be required where the gutter grade in either direction is less than or equal to 2 percent. The curb and gutter shall be designed to carry drainage away from the ramp; and the gutter grade at no place within 5 feet of the sidewalk ramp will be less than 0.50 percent. A table shall be placed on the plans near the ramp location which shall contain the following information as a minimum:

Top of Curb Finish Grade Elevations					
Curb	BR	¼ delta	½ delta	¾ delta	ER
A					
B					
C					

—Add a new paragraph e. as follows:

Where a new curb is being constructed as part of a street improvement project (as opposed to retrofit) the curb grade within 5 feet of the sidewalk ramp will at no place be less than 0.50 percent grade. A table shall be placed on the plans near the ramp location which shall contain the minimum information as noted above.

For more information, please contact the Public Works Department Permit Application Center, at (503) 588-6211 or (503) 588-6292 (TTY).

Tim Gerling, P.E.
Chief Development Services Engineer

LEK:P:\DEVBUL22.WPD 2/21/03
Attachment: Index to Development Bulletins