

CITY OF CORVALLIS, OREGON

GUIDELINES FOR PUBLIC SIDEWALK AND DRIVEWAY REPAIRS

These guidelines shall be used to determine when and to what extent public sidewalk driveway approach and alley approach repairs shall be required.

Removal and replacement or repairs shall be required whenever a public sidewalk or driveway approach is in a hazardous or unsafe condition. A hazardous or unsafe condition shall be determined by the limits as set forth in these guidelines in conjunction with the judgement of the City Engineer or designated representative.

DEFINITIONS

- Panel: A panel is any section defined by joints, or score marks or an approximate square when joints do not exist.
- Driveway Approach: A driveway approach is that portion of the driveway between the curb and the property line.
- Alley Approach: An alley approach is that portion of an alley between the curb and property line side of the sidewalk or right-of-way.
- Public: Any facility within the public right-of-way between the property line and street curb or surfacing.

CONDITIONS REQUIRING REPAIR OR CONSTRUCTION

The following is a listing of the criteria by which a sidewalk could be considered hazardous or unsafe and therefore may require removal and replacement or repairs. Removal and replacement or repairs may be required based on any one of the items individually or a combination of the items. These criteria should be used as guidelines with judgment and discretion used in their application.

Removal and Replacement

Removal and replacement of complete panels could be required when any of the following conditions exist:

- A vertical separation of more than 2-inches at either a joint or crack.
- A horizontal separation of 2-inches or more at either a joint or crack.
- Water ponds due to insufficient cross slope or misalignment. Removal and replacement shall not be required if the problem is corrected by modifications to

adjacent landscaping or obstructions.

- Severely rough, uneven surface due to scaling or spalling that would cause a tripping hazard.
- Severe cracking resulting in multiple loose or unstable individual pieces within a panel.

Grinding

Grinding shall be considered when any of the following exist:

- A vertical separation between 1/2-inch and 2-inch at the joint.

OTHER CONDITIONS

Tree Roots

The following alternatives may be used to repair sidewalks affected by adjacent tree roots. Please consult a licensed arborist regarding these options.

- The sidewalk may be rerouted around the offending roots. Rerouting of the sidewalk may require dedication of an easement to the City for the sidewalk.
- The sidewalk may be ramped over the tree roots, provided the longitudinal slope does not exceed 1 inch per foot (1:12).
- The sidewalk may be removed and replaced after the tree roots have been pruned by a licensed arborist.
- Remove tree (permit required from the Parks and Recreation Department) and replace sidewalk. This option should be considered only if other remedies are impractical.

General

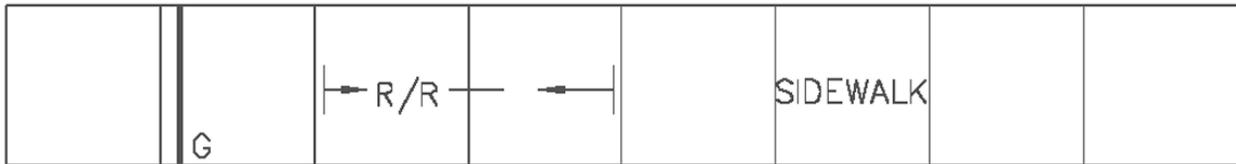
- Gravel or asphaltic concrete driveway and alley approaches shall be replaced with concrete where street curb and sidewalk exist.
- Abandoned or vacated driveway and alley approaches shall be removed and curb and sidewalk constructed across the abandoned section.
- Ambulatory ramps will be installed at all intersections in conjunction with the Safety Sidewalk Program annual repair districts as City funds allow.

- Sidewalks shall be installed to complete gaps and missing sections when other segments of adjacent sidewalks exist between intersections in accordance with Council Policy 7.08.022.

Standard Construction Specifications

- All public sidewalk, driveway approach, alley approach, and ambulatory ramps shall be constructed in accordance with the City’s Standard Construction Specifications, latest edition.

Sidewalk Marking Codes




 = Grind panel edge


 = Remove and replace sidewalk panels between “tee” marks

Updated 11/7/05