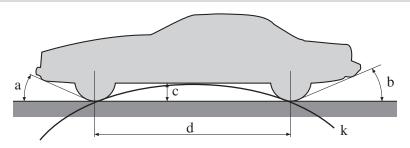


of the Division of Transportation Salt Lake City Community Development

Maximum Driveway Slopes & Critical Angles



a = Maximum approach angle = $20.2^{\circ} = 36.8\%$

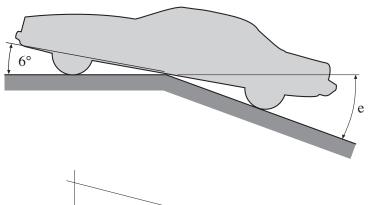
b = Maximum departure angle = $9.2^{\circ} = 16.2\%$

c = Minimum running ground clearance = 4.3"

d = Design vehicle wheelbase = 10.8' (Salt Lake City Design = 11')

e = Maximum ramp breakover angle = 8.2° (Salt Lake City Design = 10.5% (6°))

k = Crest of curve arc = $d \div e (Salt Lake City Design = 1.05)$



Driveways leaving a public right-of-way should not exceed a maximum slope of 8% (4.57°) from gutter to property line. The slope should be transitioned beyond the property line no more than a maximum of 16% (9.09°) average grade to the parking pad. Driveway cross slopes of 4% to 6% (2.3° to 3.4°) maximum

	(2.5 to 5.4) maximum.
11' 0% or 0.0° 10.5% or 6° 21.25	11' % or 12 32.5% or 18°
	1/2 e 16%(9.09°) Maximum
Date Revisions	Average Grade 11' 32.5% or 180 21.25% or 120 10.5% or 6° 11' 0% or 0.0°
8/12/91 changed layout/assigned #	10.5% or 6° 0% or 0.0°

7/31/02 changed layout/assigned # 7/21/03 revised data 2/24/03 revised data 5/04/05 revised data