

Based upon various design speeds of 18 to 30 mph and a desirable maximum lean angle of 20°, minimum radii of curvature for Paved Shared Use Paths can be selected from Table A-5-7:

Design Speed (V) (mph)	Minimum Radius (feet)
12	27
14	36
16	47
18	60
20	74
25	115
30	166

TABLE A-5-7

MINIMUM RADII FOR PAVED SHARED USE PATHS BASED ON 20° LEAN ANGLE

Source: AASHTO – Guide For The Development Of Bicycle Facilities.

- Grade

Grades on shared use paths should be kept to a minimum, especially on long inclines. Grades greater than 5 percent are undesirable because the ascents are difficult for many bicyclists to climb and the descents cause some bicyclists to exceed the speeds at which they are competent or comfortable. The maximum grade of a shared use path adjacent to a roadway should be 5 percent, but the grade should generally match the grade of the adjacent roadway. Where a shared use path runs along a roadway with a grade exceeds 5 percent, the sidepath grade may exceed 5 percent but must be less than or equal to the roadway grade.*

* Rev. 1/13