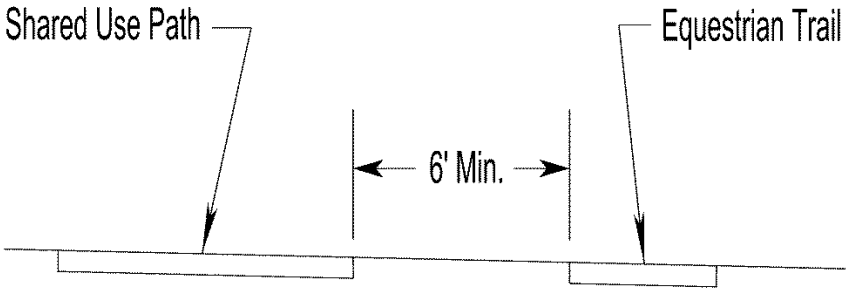
When this is not possible and the distance between the outside edge of the graded shoulder and the shared use path is less than 5 feet, a suitable physical barrier is required. A suitable physical barrier is defined as dense shrubbery, railing or chain link fence. Such barriers serve both to prevent path users from making unwanted movements between the path and the highway shoulder and to reinforce the concept that the path is an independent facility. Where used, the barrier should be a minimum of 42 inches high (54 inches on structures), to prevent bicyclists from toppling over it. A barrier between a shared use path and adjacent highway should not impair sight distance at intersections, and should be designed to not be a hazard to motorists or bicyclist.

Curb and/or Curb and Gutter Typical Sections:

For curb and/or curb and gutter streets, the separation between from face of the curb to the edge of the shared use path shall be a minimum of 8 feet in order to meet the minimum lateral offset distance to install signs for the roadway and the shared use path in accordance with MUTCD Part 2 and part 9. If signs are required on the outside of the shared use path due to horizontal and vertical grade changes then a minimum of 6.5' of right of way from the edge of the path shall be provided. If signs are not required, a minimum 3' of right of way shall be provided. See Figure A-5-4.

- Separation between Shared Use Paths and Equestrian Trail

Horses can be startled easily and may act unpredictably if they perceive approaching bicyclists as a danger. Measures to mitigate bicyclist-equestrian conflicts include provision of separate bridle paths, maintenance of adequate sight lines so that bicycles and equestrians are able to see each other well in advance, and signing that clarifies appropriate passing techniques and yielding responsibilities. Along paths with high to moderate use, the separate paved and unpaved treads should be divided by at least a 6 ft. wide vegetation buffer or barrier.*



Source: AASHTO, *Guide for the Development of Bicycle Facilities*, 2012

* Rev. 1/15