

4. Bicycle lanes

On local streets, bicyclists should be considered a normal part of the vehicle mix on the street. On collector roads, bike lanes may be established with appropriate pavement markings and signing. Bike lanes should be one-way facilities and carry bike traffic in the same direction as adjacent motor vehicle traffic. [See Appendix A, Section A – 5 – BICYCLE FACILITY GUIDELINES.](#)

The recommended width of a bike lane is 5 feet from the face of a curb to the bike lane stripe. If parking is permitted, the bike lane should be placed between the parking area and the travel lane and have a minimum width of 5 feet. Bike lanes should never be placed between the parking lane and the curb line.

Further design details for Bicycle lanes may be found in [Section A-5 Bicycle Facility Guidelines](#) of VDOT's Road Design Manual.

5. Non-compliant sidewalks.

As indicated in the Subdivision Street Requirements, non-compliant sidewalks that are not built in accordance with these standards or meander on and off the right of way may be permitted; however, the department will not accept responsibility for their maintenance. A permit, which clearly specifies the applicant's responsibility for the sidewalk's maintenance and related activities, shall be obtained from the department to the extent it encroaches upon the street's right-of-way. The permit applicant shall be a county, incorporated town, or other entity, which has perpetual maintenance capability. These sidewalks may be constructed of asphalt, concrete, gravel, or other stabilizer convenient to the applicant.

J. BRIDGE AND CULVERT DESIGN CRITERIA

1. Loading

All bridges and culverts shall be of HS 20-44 loading or alternate military loading, or both, in accordance with the current AASHTO Bridge design specifications and VDOT modifications. To facilitate the department's review, all pertinent calculations for a structure's design shall be submitted with each bridge plan or other nonstandard drainage structure.

2. Width

Clear roadway widths of all structures shall be in accordance with the department's design manual.