

Single-lane roundabouts are much easier for bicyclists than multi-lane roundabouts since they do not require bicyclists to change lanes to make left-turn movements or otherwise select the appropriate lane for their direction of travel.*

In addition, at single-lane roundabouts, motorists are less likely to cut off bicyclists when exiting the roundabout. Therefore, it is important not to select a multi-lane roundabout over a Single-lane roundabout in the short term, even when long term traffic volumes and LOS suggest a multi-lane roundabout. However, if a multi-lane roundabout design is selected for the long term, it should be striped and signed as a single-lane roundabout initially.

For roundabout intersection spacing standards and other intersection spacing standards, see App endix F, Table 2- 2 MINIMUM SPACING STANDARDS FOR COMMERCIAL ENTRANCES, INTERSECTIONS AND MEDIAN CROSSOVERS.

Design Resources

For Roundabout Consideration & Alternative Selection Guidance Tool, see Roundabouts in Virginia @ <http://www.virginia.gov/info/faq-roundabouts.asp>.

Additional information can be found in NCHRP Report 672, Roundabouts: An Informational Guide, Second Edition. See the following link: http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_672.pdf.

Additional information can also be found in VDOT's Roundabout Brochure at <http://www.virginia.gov/info/resources/Roundabouts.pdf> and on VDOT's roundabout web site at [Roundabouts in Virginia](http://www.virginia.gov/info/resources/Roundabouts.pdf).

The Review and Approval Process for Roundabouts:

Existing and Proposed Subdivisions - The District Location & Design Engineer shall review and approve roundabouts in subdivisions if VDOT owns and maintains the roadway or if it is the desire of the developer / locality for VDOT to accept the roadway into the State Highway System.

Secondary System – The District shall approve roundabouts up to a traffic design volume of 10,000 VPD. Roundabout designs in which the traffic volume exceeds 10,000 VPD shall be submitted to the Central Office Roundabout Review Committee at the preliminary field inspection, public hearing/design approval and right of way stages and for review and comments. The committee will make recommendations to the State Location and Design Engineer for approval or disapproval. Appeals of the State Location and Design Engineer's decision will go to the Chief Engineer for resolution.

* Rev. 10/14