

See Figure 13 – Roundabout Details. When a roundabout design is proposed, the District Administrator’s Designee should consult the District Location and Design Engineer.*

Spacing standards for Roundabouts are presented in Table 2-2 and the notes listed under the table.

Figure 2-14 illustrates roundabout design details including pedestrian and bicycle treatments. Common characteristics of acceptable roundabouts include a

- Domed center that is sufficiently clear to not compromise sight distance, and
- Paved traversable apron not less than 4 feet in width, the radius of which is sufficient to serve the turning radius of school buses and single unit design vehicles. If the percentage of trucks anticipated to use the road exceeds 5%, that radius should be sufficient to serve those vehicles.

Example Plan Sheets for Typical Single Lane Roundabouts can be accessed at:

<https://www.nysdot.gov/portal/page/portal/main/roundabouts/guide-engineers/examples>

The documentation shall include, at a minimum, the criteria outlined in this chapter.

When roundabout design is proposed, the District Location & Design Engineer should be consulted.

The Approval Process for Roundabouts

Existing and Proposed Subdivisions - The District may review and approve roundabouts in subdivisions.

Secondary System – The District may approve up to a traffic design volume of 10,000 VPD. Roundabout designs in which the counts are beyond this volume should be submitted to the Central Office Roundabout Review Committee for review. The committee will make recommendations to the State Location and Design Engineer for approval or disapproval. Appeals of the State Location and Design Engineer decision will go to the Chief Engineer for resolution.

When a District receives a request for a roundabout from an outside entity, and the design volume is under 10,000 VPD but desires Roundabout Committee review and input, the submittal may be sent to the State Location and Design Engineer. It will be reviewed and comments and/or recommendations will be returned in a timely manner.

Primary or Urban System - The District will submit roundabout designs to the Central Office Roundabout Committee for review. The approval and appeals will be the same as used above.

* Rev. 1/13