

Roundabout Design Review Form, Part A

Item #: _____

County: _____

Routes and Milepoints: _____

Intersection AADT (Design Year): _____

APPROACH DATA *(All leg volumes are approach or entering volumes)*

Approach Leg	Leg 1	Leg 2	Leg 3	Leg 4	Leg 5 ¹
Opening Year Volumes (VPH)					
Design Year Volumes (VPH)					
Design Speed (MPH)					
Bike/Ped Facilities Proposed (Y or N)					

OPERATIONAL PERFORMANCE ²	Leg 1	Leg 2	Leg 3	Leg 4	Leg 5 ¹
v/c ratio					
Approach Delay (s/veh)					
Approach LOS					
95% Queue (# veh)					

INTERSECTION PERFORMANCE

Intersection Delay (s/veh): _____

Intersection LOS: _____

¹ Leave blank if not applicable. Use additional form if more than five approach legs.

² Use the current Highway Capacity Manual methodology for operational analysis of roundabouts.

For more information see the Safety & Operational Analysis section of the Roundabout Design Guidance.

Design Vehicle:	
Truck Apron Width:	
Oversize Truck Accommodations:	
Circulating Roadway Cross Slope:	
Access Control:	
Bicycle and Pedestrian Accommodations:	

Additional Information to be Submitted as attachments

- Operational Analysis software input and output report (s).
- Primary layout, including inscribed circle diameter, lane configuration (including bypass lanes and flares), and other basic elements (see HDM Exhibit 900-02). Label legs to correspond with leg numbers on this form.
- Vehicle turning path diagrams of the design vehicle for all through, left-turn, and right-turn movements.
- Preliminary profiles of the approach legs and circulatory roadway.