Go Small or Go Home
If it seems too good to be true ... 
... it probably is.
CAUTION LAND MINE
1. Traffic circles are not small roundabouts

2. 

3. 
Traffic Circle

not much traffic, low speed

Round-about

lots of traffic, high speed

safe

not so safe

Traffic Circle

Traffic Circle

Traffic Circle

Traffic Circle

Traffic Circle

Traffic Circle

Traffic Circle

Traffic Circle

Traffic Circle
Generally circular shape
Splitter Island
Hit by a vehicle traveling at **20 MPH**

9 out of 10 pedestrians survive.

Hit by a vehicle traveling at **30 MPH**

5 out of 10 pedestrians survive.

Hit by a vehicle traveling at **40 MPH**

Only 1 out of 10 pedestrians survives.
Outside Curb
1. Traffic circles are not small roundabouts

2. Shrinking has a limit, then the center disappears

3.
WB-50 [WB-15] DESIGN VEHICLE
RADIUS = 45 ft [13.72 m]
SCALE = 1:20 [1:200]

WB-62 [WB-19] DESIGN VEHICLE
RADIUS = 45 ft [13.72 m]
SCALE = 1:20 [1:200]

34 ft Center Island

16 ft Center Island
1. Traffic circles are not small roundabouts

2. Shrinking has a limit, then the center disappears

3. Generic truck types don’t fit, we need a custom truck
Bonus: A smaller roundabout can fit long trucks without increasing speeds

The secret: Unique splitter islands
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