

WHAT IS A ROUNDABOUT?

Roundabouts are a type of circular intersection in which traffic travels counterclockwise around a central island with specific design and traffic control features. Slow speeds with separated bike and pedestrian features lead to numerous benefits.

● BENEFITS ●

SAFE

90% reduction in fatalities*
76% reduction in injuries**
35% reduction in all crashes**

EFFICIENT

Yielding rather than stopping reduces delay

GREEN

Reduces pollution and fuel usage with fewer stops, no hard accelerations and less time idling

AESTHETIC

Islands provide opportunities for landscaping and gateway features

* "Safety Effect of Roundabout Conversions in the United States: Empirical Bayes Observational Before-After Study." Transportation Research Record (TRB) 1751, TRB, National Academy of Sciences (NAS), Washington, D.C., 2001.

** NCHRP Report 572: Roundabouts in the United States. National Cooperative Highway Research Program, TRB, NAS, Washington, D.C., 2007.



● QUICK TIPS ●

- 1 Slow down
- 2 Choose correct entry lane for your desired destination
- 3 Yield to bicyclists and pedestrians
- 4 Yield to traffic in the roundabout
- 5 Give large vehicles extra space
- 6 Do not stop within the circular portion
- 7 Use your right turn signal to indicate intention to exit
- 8 Yield to bicyclists and pedestrians on exit

● CONTACTUS ●

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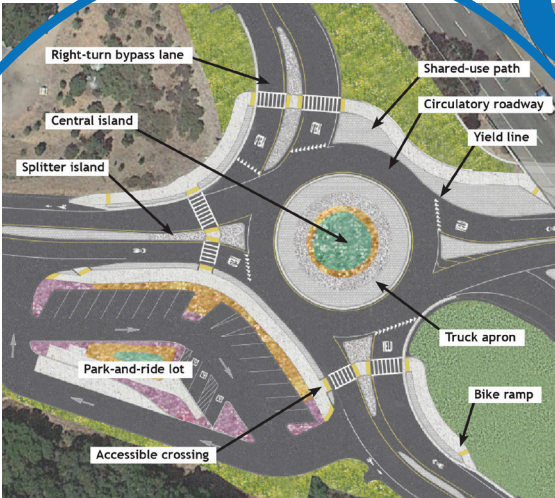
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INNOVATIVE INTERSECTIONS



ALL ABOUT ROUNDABOUTS

US 101 / AVILA BEACH DRIVE

● USING A **ROUNDAABOUT** ●

How do I drive through a roundabout?

Slow down, yield to vehicles traveling in the circle and drive counterclockwise. Pay attention to pavement markings, signs, pedestrians and cyclists. While driving counterclockwise, use your right turn signal to indicate your intention to exit.

Do I have to yield to entering vehicles if I'm already in a roundabout?

No. If you are in a roundabout, vehicles entering must yield to you.

What if an emergency vehicle approaches?

Do not stop if you are in the roundabout. Continue to your exit. After exiting, pull to the right and allow the emergency vehicle to pass.

How fast should I go through a roundabout?

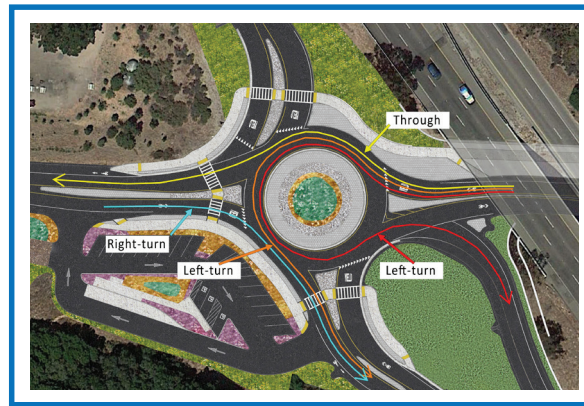
Recommended speed is 15 to 20 mph for a single lane roundabout. Lower speed allows for safer travel.

How do I use a roundabout if I'm on a bicycle?

Merge into the vehicle lane and ride through the roundabout with traffic, observing the same rules as vehicles. Alternately, you can exit the roadway on the provided bike ramps, ride on the shared-use path, yield to pedestrians, and cross using crosswalks.

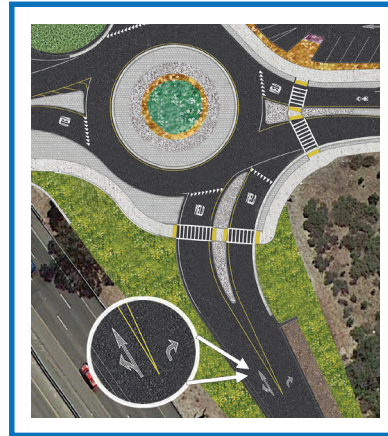
How do I use a roundabout if I'm on foot?

In the crosswalk you can cross one direction of traffic and wait safely in the median before you cross another direction. Try to make eye contact with the vehicle driver before crossing, ensuring vehicles are aware of your intention to cross!



CIRCULATION MOVEMENTS

● **TURN byTURN** ●



SOUTHBOUND OFF-RAMP



SHARED-USE PATH CONNECTIONS

● **ROUNDAABOUT SIGNS** ●



As you approach yield ahead signs = slow down



Speed feedback signs alert you of your speed and encourages slowing down



Roundabout ahead sign with recommended speed limit



Look for pedestrians and yield entering and exiting the roundabout



Look left and yield to other vehicles in the roundabout. If there are no vehicles, or a sufficient gap you may enter without coming to a complete stop



Traffic travels one-way (counterclockwise) around the central island