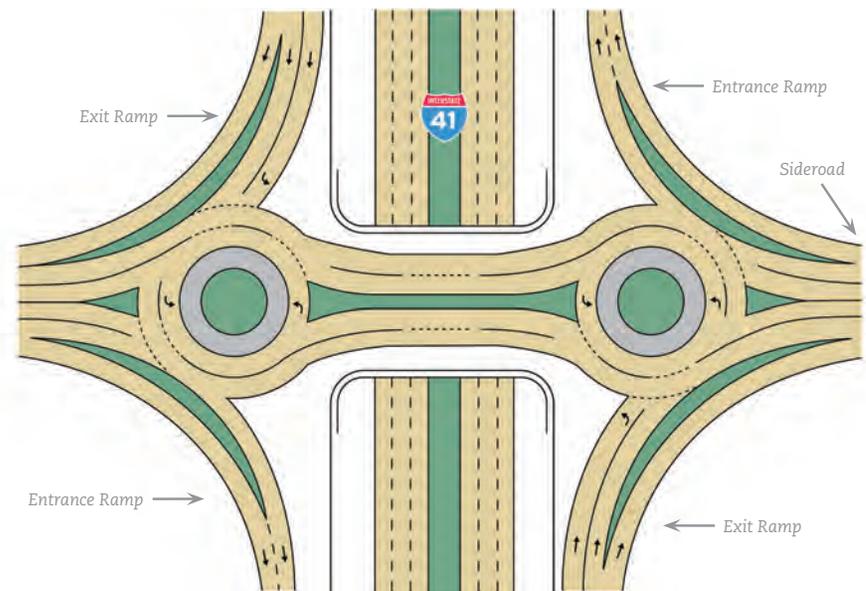


WITH STOP SIGNS OR TRAFFIC SIGNALS



WITH ROUNDABOUTS

A **diamond interchange** includes four ramps, two exiting and two entering the free-flow highway. Diamond interchange designs are very economical compared to other options because they require less land and materials. Examples of diamond interchanges can be found on I-41 at County U and County S/Freedom Road.

A **tight diamond interchange** has the same general form as the conventional diamond, but, as the name suggests, the spacing of the design is tighter. *Examples of tight diamond interchanges with at grade intersections can be found on I-41 at WIS 96, WIS 47, County E, and County N. Examples of tight diamond interchanges with roundabouts can be found on I-41 at WIS 55, County J, and County F.*

**Pros:** Less land, less materials, less cost.

**Cons:** Limited capacity and multiple potential at-grade conflict points.

Both diamonds and tight diamonds can be configured with traffic signals or roundabouts if traffic volumes are high.

## Diamond Interchange

I-41 | Outagamie & Brown Counties, Wisconsin

2020-05-13

