

Diverging Diamond Interchange

The Wisconsin Department of Transportation (WisDOT) will be constructing a Diverging Diamond Interchange (DDI) at the WIS 441 / US 10 (Oneida St) interchange. This innovative interchange, sometimes called a “double crossover diamond,” is designed to intuitively guide motorists through the pathways.

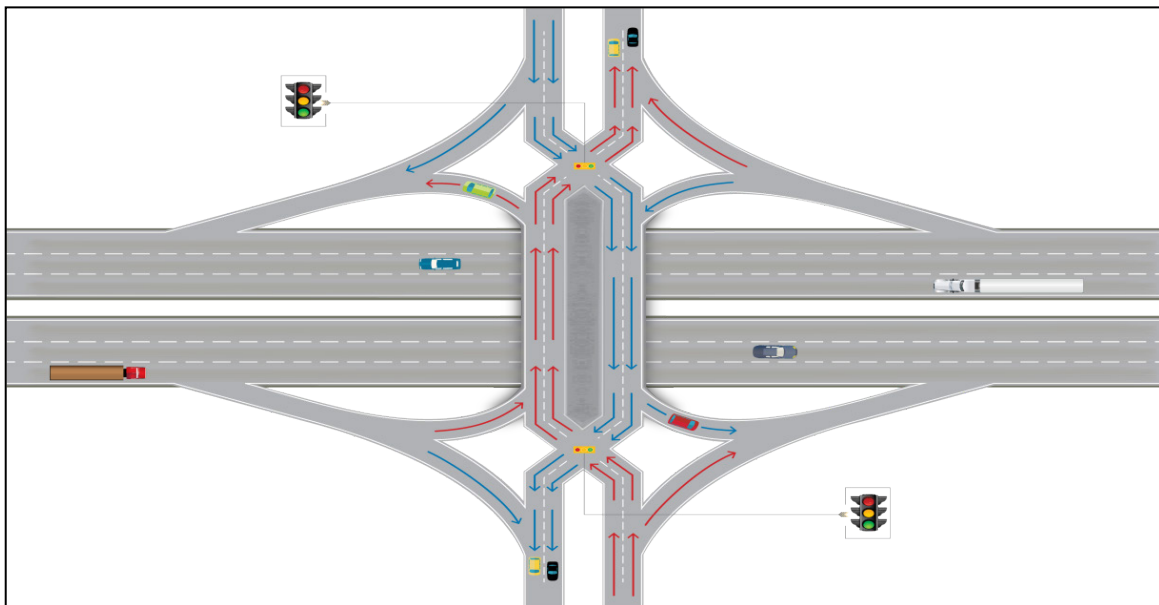
These interchanges have been shown to increase capacity and safety, decrease congestion and minimize the cost of new infrastructure.

Advantages of this type of interchange include:

- **Safety** – Reduces the number of ways vehicles can collide by almost half (14 compared to 26 for a conventional diamond interchange).
- **Greater Capacity and Efficiency** – Accommodates more traffic than conventional designs. Drivers make free-flow right and left turns on to the major freeway.
- **Easy Navigation** – Guides drivers with overhead signs, pavement marking, and traffic signals.
- **Meets the needs of all road users** – Accommodates large trucks, pedestrians and bicyclists.

Navigating the DDI:

- Drivers follow the signs, traffic signals and pavement markings to cross through the intersection at the first set of traffic lights. Traffic appears as if on a one-way street.
- All left turns onto the freeway are free flow, meaning vehicles do not have to stop to access the ramp.
- All Vehicles going straight simply proceed through a second set of traffic signals.
- Pedestrians travel on designated sidewalks and cross only at the crosswalks.
- Bicyclists may choose to use the bike lane or pedestrian sidewalks and crosswalks.



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[Contact Us](#)

Scott Ebel, P.E.
WIS 441 Project Manager
Phone: (920) 492-5676
Scott.Ebel@dot.wi.gov

Chad DeGrave, P.E.
Project Development Supervisor
Phone: (920) 360-1085
Chad.Degrave@dot.wi.gov