

Additional regulatory and warning signage may be necessary to guide users through the DDI. Examples of signs that should be considered are R4-8 series “Keep Left” signs and W24-1L series reverse curve warning signs. However excessive signing should be avoided to avoid distracting drivers with a “forest of signs” effect.

Resources

“Engineering Policy Guide, Chapter 234.6: Diverging Diamond Interchanges”, Missouri Department of Transportation 2014. Online: http://epg.modot.org/index.php?title=Main_Page

“Tech Brief: Double Crossover Diamond Interchange.” Federal Highway Administration. 2009. Online: <http://www.fhwa.dot.gov/publications/research/safety/09054/09054.pdf>

“Tech Brief: Drivers’ Evaluation of the Diverging Diamond Interchange.” Federal Highway Administration 2008. Online: <http://www.tfrc.gov/safety/pubs/07048/07048.pdf>

“Innovative Diamond Interchange Designs: How to Increase Capacity and Minimize Cost.” David Stanek. Institute of Transportation Engineers. 2007. Online: <http://tinyurl.com/y9yum2o>

“Traffic and Operational Comparison of Single-Point and Diverging Diamond Interchanges.” Praveen K. Edara. Transportation Research Board. 2009.

“Alternative Intersections/Interchanges: Informational Report”, Federal Highway Administration, 2010. Online: <http://www.fhwa.dot.gov/publications/research/safety/09060/>

Alternative Intersection Design Guides*

- Displaced Left-Turn Intersection – (Also known as Continuous Flow Intersection (CFI), Crossover Displaced Left-Turn Intersection)
- Median U-Turn Intersection – (Also Known as Median U-Turn Crossover, Boulevard Turnaround, Michigan Loop and ThrU-Turn Intersection)
- Restricted Crossing U-Turn Intersection (Also known as Superstreet Intersection, J-Turn Intersection and Synchronized Street Intersection)
- Diverging Diamond Interchange (Also known as Double Crossover Diamond (DCD))

http://www.virginiadot.org/info/alternative_intersection_informational_design_guides.asp

* Added 10/14