DDI Information Board

What is a Diverging Diamond Interchange (DDI)?

- A free flow interchange where the two directions of local traffic (SR 273) briefly drive on the left side of the road to allow continuous I-95 access to occur without stopping or crossing traffic.
- The DDI, used internationally since 1970 and introduced to America in the early 2000's, provides significant safety and efficiency improvements.
- "Best Engineering Innovation in 2009" by Popular Science.
- Missouri opened the first DDI in the United States June 21, 2009. Since then 45 DDI's have opened, the closest is in Hanover, MD (near Arundel Mills Mall).

DDI Highlights

- Environmentally Friendly Design - maximizes the use of existing pavement. Bicycle and Pedestrian facilities can be provided through the DDI.
- Increases capacity of turning movements by providing free flowing high volume left turns in most cases.
- Reduces delay by having 2-phase signals which means more green time on SR 273.

SR 273 AND HARMONY ROAD INTERSECTION IMPROVEMENTS PROJECT

RK&K