



WHAT IS A DIVERGING DIAMOND INTERCHANGE?

A diverging diamond interchange (DDI) is a type of freeway interchange that more efficiently handles heavy left-turn movements, while also reducing traveler conflict points for added safety benefits, in comparison to a traditional diamond interchange.

As of April 2018, 96 diverging diamond interchanges (DDIs) have been opened to traffic in the United States. PennDOT constructed its first DDI at US 19 and I-70 near Washington, PA, by converting an outdated cloverleaf design interchange.

Please take a moment to watch two short videos. The first is a simulation of the I-70 DDI depicting the expected operation of a diverging diamond interchange which will be similar to the design being utilized for I-83 Exit 4.

A second video was created after construction was completed on the I-70 DDI. The second video was created to display a comparison of the expected simulation operation with an actual drive through by a motorist through the fully constructed DDI, mirroring and confirming the expected results.

