

EXIT 153 IMPROVEMENTS

RECOMMENDED ALTERNATIVE: DIVERGING DIAMOND INTERCHANGE

ALTERNATIVE 3 (RECOMMENDED) Diverging Diamond Interchange



What is a DDI?

DDIs are a unique and highly effective concept based on a standard diamond interchange with a shift in crossroad traffic within the interchange. Through traffic on University Town Centre Drive will cross paths twice as traffic shifts to the left side of oncoming traffic between the interstate ramps. The design allows left-turn movements to occur without crossing oncoming traffic. The Exit 153 DDI can handle future anticipated traffic while significantly reducing space and impacts required to implement the design.

How does it impact the existing interchange?

The DDI design will allow the existing bridge and sidewalk to remain in place. The only modifications to occur will be to the ramps, islands, and lane configurations. The existing roundabout will be removed and there will be signals at both interchange intersections. There may also be new retaining walls to minimize impacts to the adjacent properties.

How will it be constructed?

Although the changes are minor, portions of the interchange will be closed during construction. This will allow the contractor to work quickly and safely. The I-79 southbound ramps will be detoured to the adjacent interchanges. The I-79 northbound ramps and access to University Town Centre (on the east side of the interchange) will remain open.