

Improvements at Interstate 4 and County Road 532 Interchange Financial Project Identification (FPID) No.: 444187-1

The Florida Department of Transportation (FDOT) and Osceola County coordinated on designs for improvements to the Interstate 4 (I-4) at County Road (C.R.) 532 interchange. Osceola County designed plans to reconfigure C.R. 532 to a diverging diamond interchange (DDI). The project added bike lanes and sidewalks along C.R. 532 to improve bicycle and pedestrian connectivity and safety. FDOT constructed the project, which began spring 2021. See the reverse side for more information about the benefits of a DDI.



1

The intersection of ChampionsGate Boulevard and Goodman Road has been reconfigured. This intersection now restricts movements from northbound Goodman Road to right turn only onto eastbound ChampionsGate Boulevard.

2

The interchange was converted to a DDI, which is safer and more efficient. In the DDI, left turns from C.R. 532 onto I-4 no longer cross in front of oncoming traffic. This change reduced the number of signal phases, allowing more traffic to flow through the interchange per cycle.

3

The westbound I-4 exit ramp was expanded to four lanes to provide dual right- and left-turn lanes onto C.R. 532.

4

The eastbound I-4 entrance ramp was expanded to three lanes to accommodate dual left turns and a single right turn from C.R. 532.

5

The eastbound I-4 exit ramp has been expanded to three lanes to provide dual left-turn lanes onto westbound C.R. 532 and a single right-turn lane onto eastbound C.R. 532.

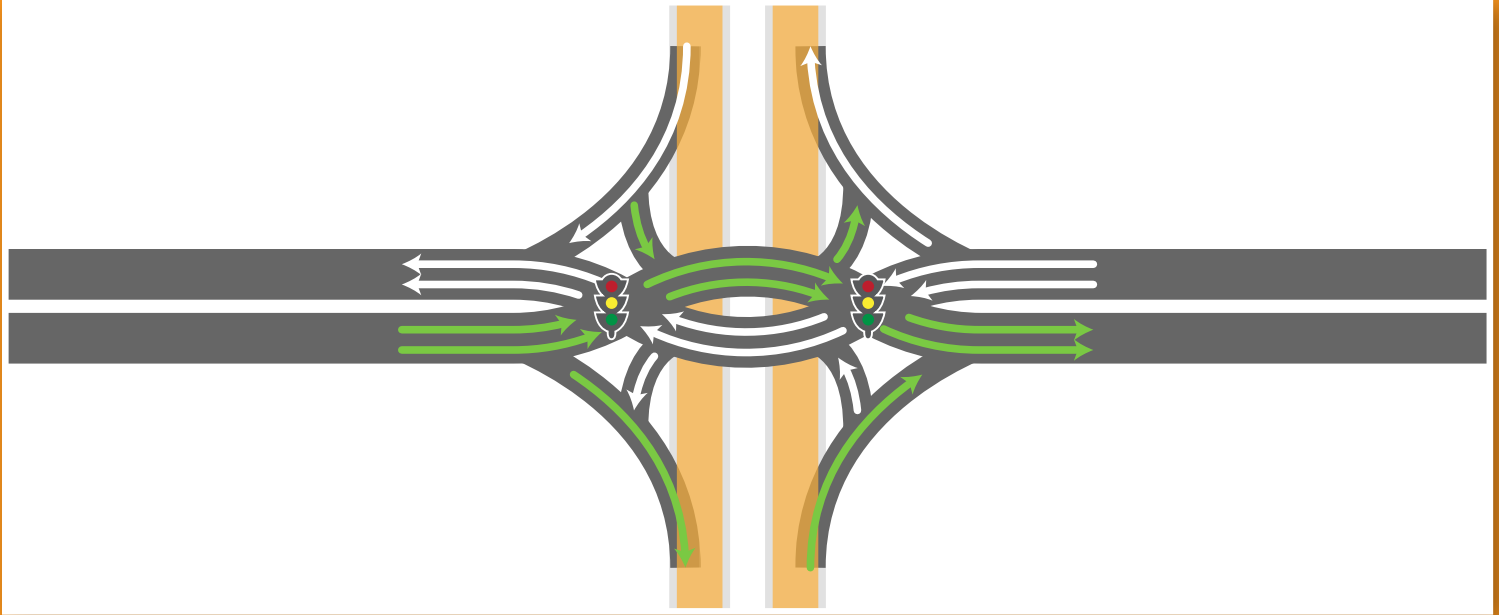
6

The westbound I-4 entrance ramp now has two lanes to accommodate single right- and left-turn lanes from C.R. 532.

Visit I4Beyond.com/ChampionsGate for more information.

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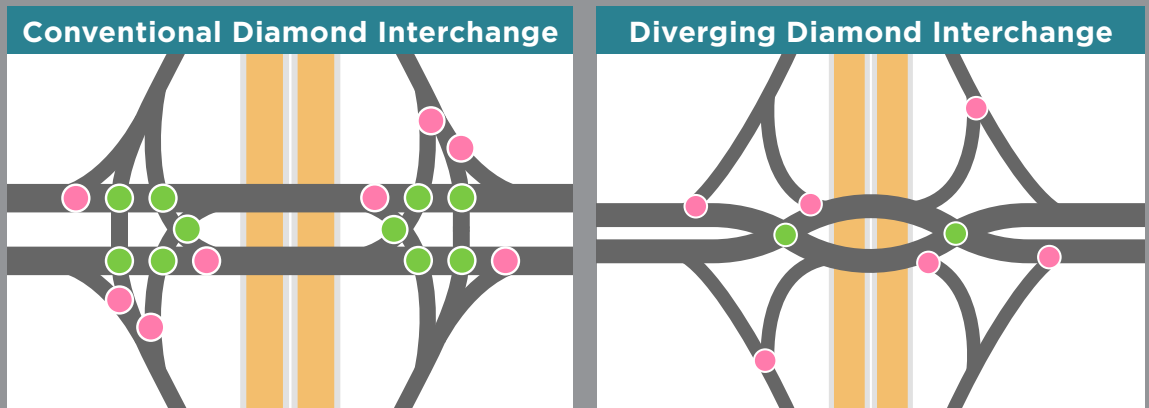
Diverging Diamond Interchange Moves Traffic Efficiently



The diverging diamond interchange (DDI) eliminates left-turn phases at traffic signals. It also reduces the number of traffic signal phases from four to two. The DDI will move almost double the traffic through the intersection in the same time.

DDI Reduces Conflicts

The DDI reduces conflict points and allows left turns that do not cross oncoming traffic. When compared to a conventional diamond interchange, the DDI reduces the number of conflicts of crossing and merging traffic by more than half.



	Conventional Diamond Interchange	Diverging Diamond Interchange
● Crossing	10	2
● Merging	8	6
Total	18	8