



I-4 (S.R. 400) at Sand Lake Road (State Road 482) Interchange Improvements

Financial ID#: 444315-1

More than 70,000 vehicles travel Sand Lake Road each day at the Interstate 4 (I-4) interchange. To accommodate current traffic and future needs, a reconfigured interchange is being designed as part of I-4 Beyond the Ultimate.

1

Reconfiguring the interchange as a diverging diamond allows left turns that do not cross oncoming traffic. Decreasing the number of conflict points increases safety, compared to a more traditional interchange. 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 phases. The DDI will move almost double the traffic through the intersection in the same time.

2

The interchange at Sand Lake Road is a modified version of the DDI because it includes a loop access ramp from westbound Sand Lake Road to Turkey Lake Road. Motorists traveling westbound on Sand Lake Road will no longer be able to turn left onto Turkey Lake Road at the existing intersection. Instead, after exiting the diverging diamond, motorists can take an access ramp on the right. The access ramp loops around, passes over Sand Lake Road and leads to south of the Phillips Crossing Shopping Center forming a new intersection with Turkey Lake Road. From the end of the access ramp, motorists can choose to travel north or south on Turkey Lake Road.

3

The westbound I-4 exit ramp (Exit 74A) separates into two ramps, one to Sand Lake Road and one to Turkey Lake Road.

4

The project adds a third lane on northbound Turkey Lake Road from the new ramp to south of Sand Lake Road.



More Info: I4Beyond.com