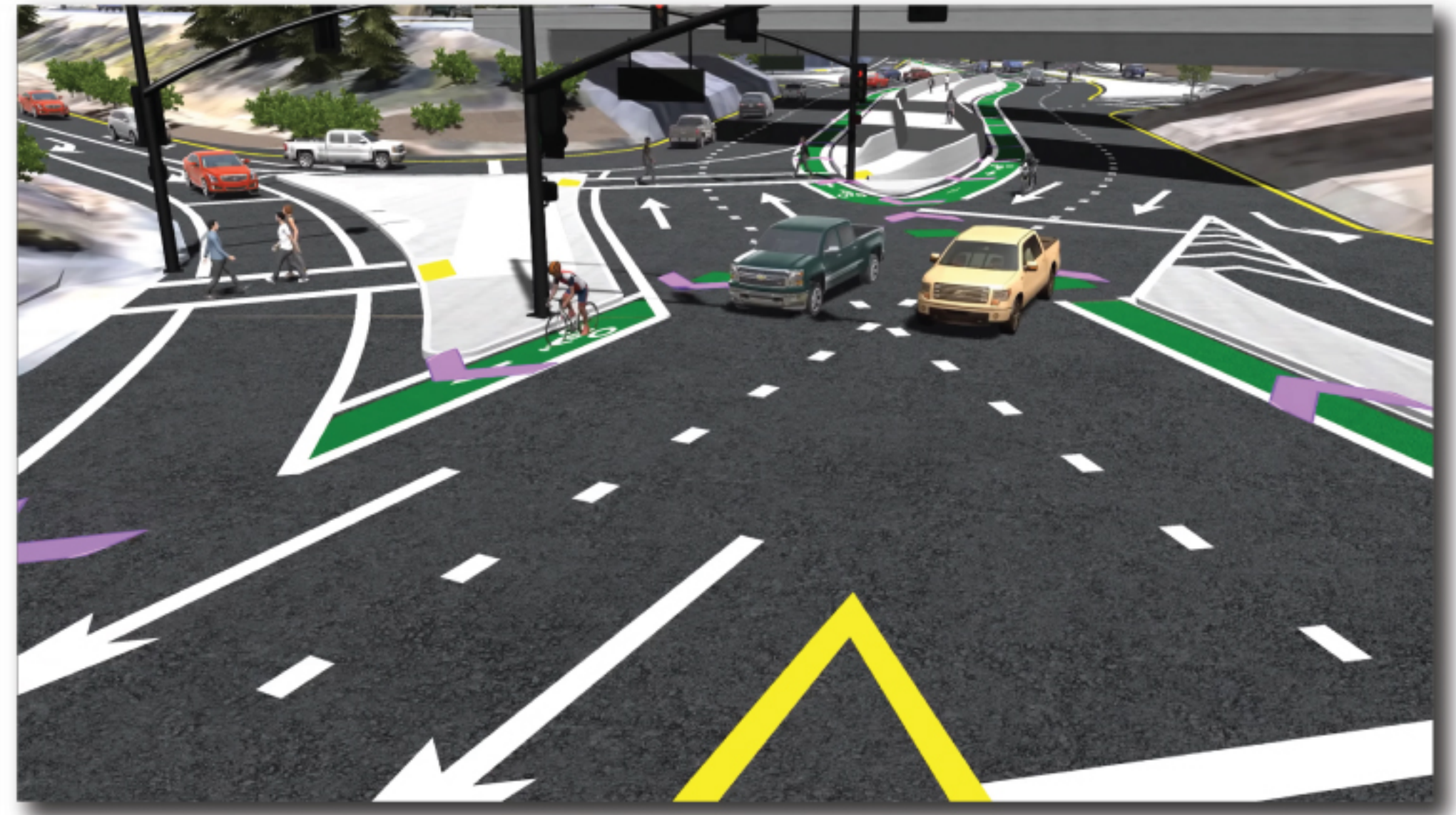


State Route 37/Fairgrounds Drive Interchange Project



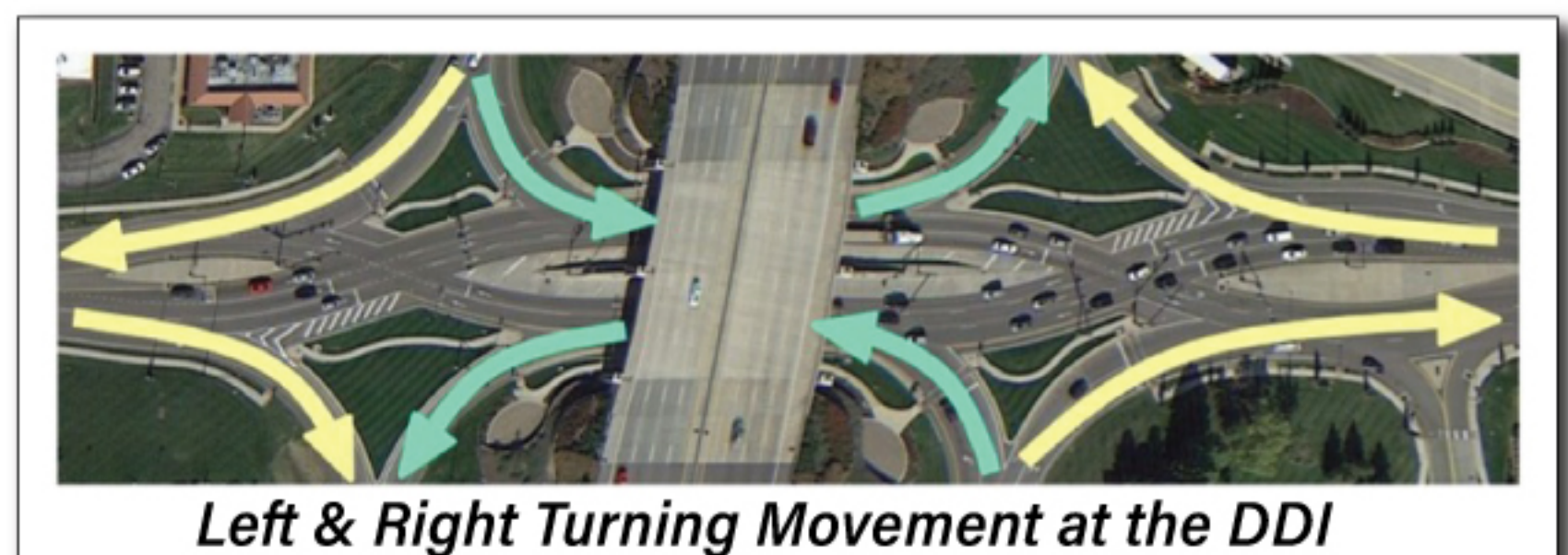
Diverging Diamond Interchange Design Features And Movement



- Proven Design: First Diverging Diamond Interchange (DDI) opened in 2009 in Missouri
- First DDI in California opened in 2020 in Manteca
- A DDI interchange costs less than an equivalent conventional diamond or single point interchange by as much as, in some cases, 75 percent
- Improves roadway capacity, mobility, and safety
- Integrates all roadway users
- Provides safe and convenient pedestrian walkways and crosswalks
- Reduces vehicle-to-vehicle conflict points by nearly 50 percent
- Bicycle lanes in DDIs are placed in the customary location to the right of traffic
- Designed to accommodate large commercial vehicles
- The road geometry of DDIs puts traffic on the left-hand side between crossovers leading all left turns to occur without having to cross opposing traffic
- Incorporating DDI designs in interchanges with higher traffic volumes results in better overall performance, reducing delay by 15-60 percent and increasing throughput by 10-30 percent



Through Crossroad Traffic at the DDI



Left & Right Turning Movement at the DDI