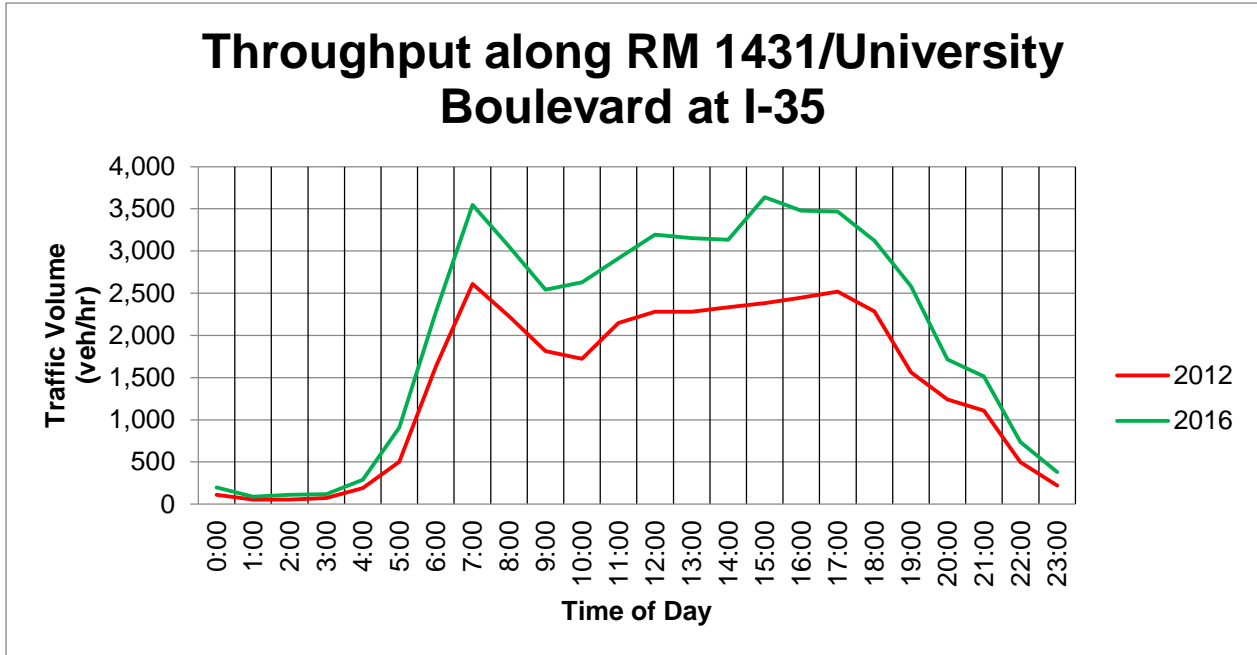


Diverging Diamond Intersection Results: I-35 at RM 1431/University Boulevard

Study results show the \$6.6 million diverging diamond intersection project in Round Rock, Texas is performing very well. Despite a 45% increase in traffic volume at this intersection over the last four years, it is already yielding a 13% reduction in morning and a 44-58% decrease in afternoon travel times. This means that even though a lot more cars are traveling through this area, they are getting through the intersection much quicker than before.



| Travel Times along RM 1431/University Boulevard (I-35 to Sunrise Road) | | | | |
|--|---------------------|--------------------|--------------------|----------|
| Peak Period | Direction of Travel | Field Conditions | | |
| | | 2012 Field (MM:SS) | 2016 Field (MM:SS) | % Change |
| AM | Eastbound | 02:01 | 01:45 | -13% |
| | Westbound | 02:14 | 01:56 | -13% |
| PM | Eastbound | 04:38 | 01:58 | -58% |
| | Westbound | 06:24 | 03:36 | -44% |

From 2012 to 2016:

- AM peak traffic volumes increased by roughly 1,000 vehicles (40%) and travel times decreased by 13% in both the eastbound and westbound directions
- PM peak traffic volumes increased by 1,200 vehicles (50%) and travel times decreased 58% in the eastbound direction and 44% in the westbound direction

The Austin District will continue to pull out all the stops to find cost effective and innovative ways to deal with the region’s growing congestion. Recognizing that innovative intersections may require a period of adjustment for drivers, they are proving their worth.

The results of the diverging diamond intersection show significant travel time decreases due to the improvements along RM 1431/University Boulevard, especially during the PM peak period. This is a huge win that directly benefits motorists who live and travel in the area and use the I-35 corridor.