

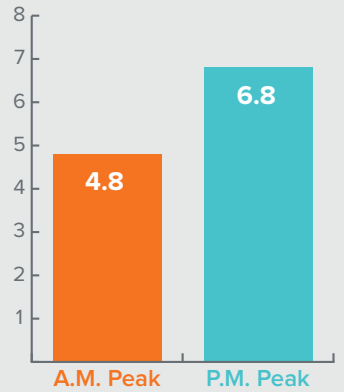
Speed Differential

One key performance measure for I-4 Express is the speed differential. The speed differential is the difference between the average speed on I-4 Express and the average speed on the general use lanes.

When congestion slows traffic in the general use lanes, the speed differential increases, showing the benefit of I-4 Express for motorists who want a more reliable trip. A positive speed differential does not necessarily mean drivers are exceeding the speed limit.

The Florida Department of Transportation (FDOT) collects data from 19 points in the I-4 Express corridor. During morning peak hours in September, FDOT measured a positive speed differential at 17 of those points, where drivers on I-4 Express were able to travel 4.8 mph faster on average by avoiding congestion. During evening peak hours, the benefit was even greater, with an average differential of 6.8 mph.

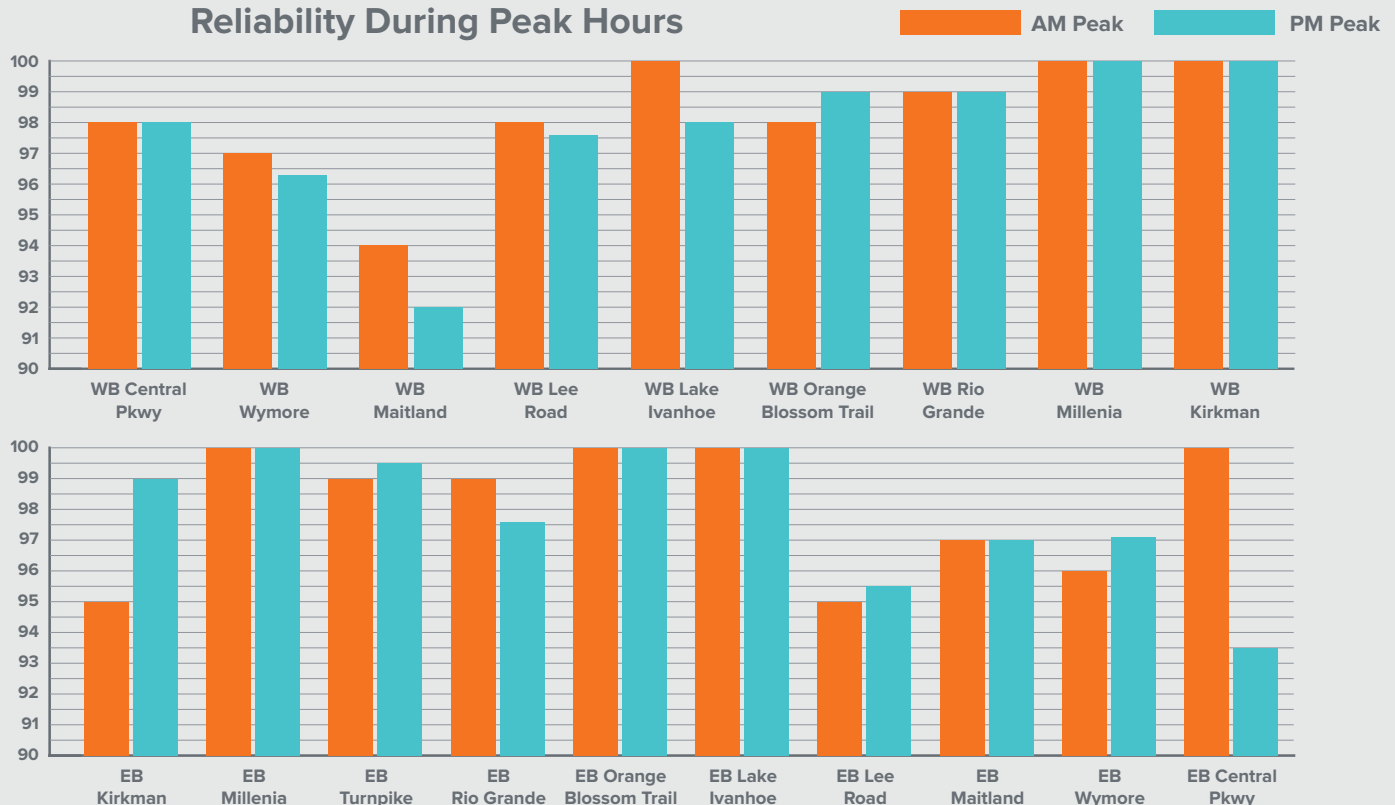
Speed Differential (mph)



Reliability

Another performance measure is reliability, or how consistently I-4 Express keeps traffic moving. In September, I-4 Express provided a reliable travel option for motorists, operating with travel speeds of 45 mph or greater more than 98 percent of the time during peak hours.

Reliability During Peak Hours

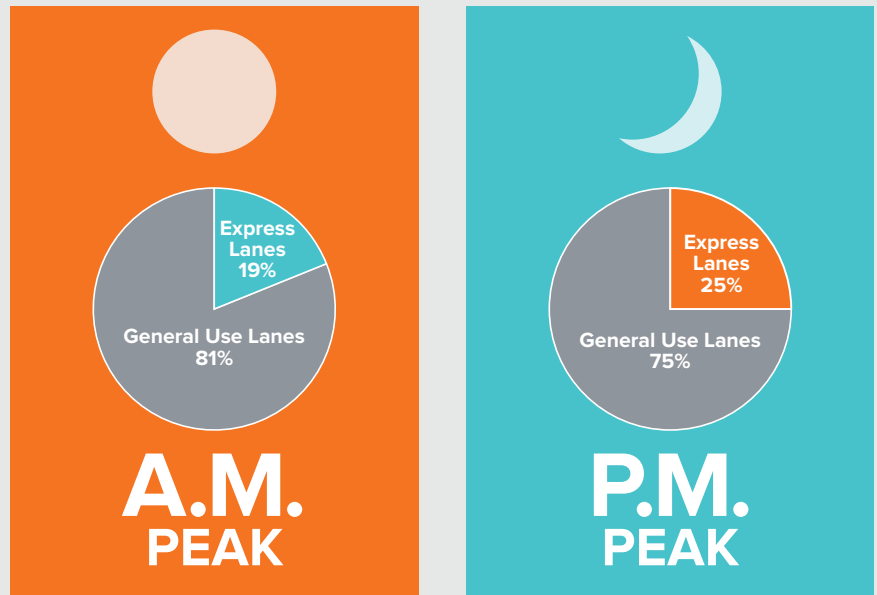


Traffic Share

FDOT also measured the percentage of all I-4 traffic that traveled in the managed lanes during peak hours (excluding weekends). In September, nearly 1 in 5 motorists on I-4 during morning peak hours made I-4 Express a part of their commute. During evening peak hours, 1 in 4 motorists used I-4 Express.



Traffic Share



Closure Events

Closure events occur whenever a lane is temporarily closed, for example, for construction or a crash. In September, 74 closure events occurred on westbound I-4 Express and 133 on eastbound I-4 Express. Planned construction accounted for 18 of these events.

To monitor and maintain the flow of traffic during these events, the FDOT District Five Regional Transportation Management Center (RTMC) deploys a variety of equipment, such as dynamic message signs, CCTV cameras, and more.

Closure Events

