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# REDESIGNED I-4 INTERCHANGE IMPROVEMENTS AT STATE ROAD 436

When the I-4 Ultimate construction is complete, a new State Road (S.R.) 436 interchange will improve pedestrian and motorist mobility.

## Adding to Central Parkway overpass a direct ramp exit from eastbound I-4 Express Lanes and a direct ramp entrance to westbound I-4 Express Lanes.

2

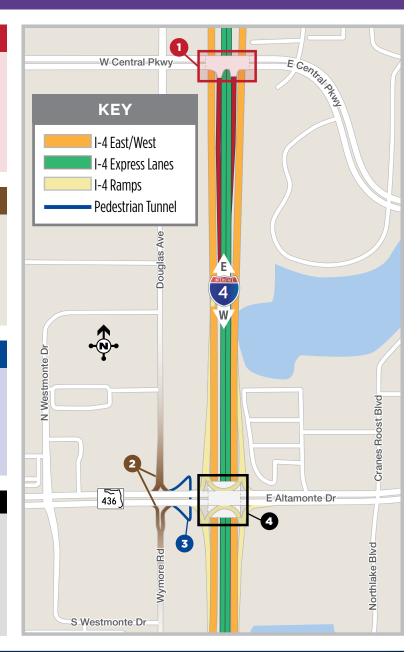
Redesigning the intersection of S.R. 436 and Wymore Road/Douglas Avenue provides more capacity for vehicles exiting Interstate 4 (I-4). *(See back on how this intersection is changing.)* 

### 3

Adding a pedestrian tunnel underneath the west side of the interchange allows pedestrians to safely cross S.R. 436.

Reconfiguring the interchange as a single-point urban interchange (SPUI) over I-4 allows all left-hand traffic movements to be controlled by a single traffic signal. **(See Back)** 

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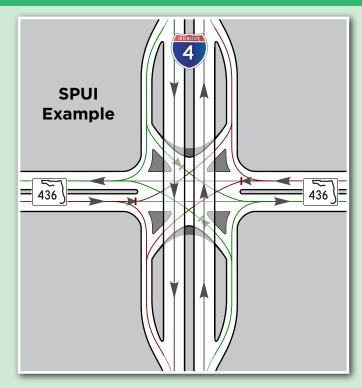
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#### CHANGES TO STATE ROAD 436 AND WYMORE ROAD/DOUGLAS AVENUE INTERSECTION



Removing the traffic signal at S.R. 436 and Wymore Road/Douglas Avenue and redirecting traffic to Westmonte Drive provides more capacity for vehicles exiting I-4 and improves traffic flow. Wymore Road and Douglas Avenue will become a right-in, right-out only from S.R. 436. Improvements, including additional turn lanes at S.R. 436, will be constructed on Westmonte Drive.

## WHAT IS A SINGLE POINT URBAN INTERCHANGE?



A single-point urban interchange (SPUI) is a type of interchange that is used to safely and efficiently move large traffic volumes through an intersection with limited amount of space. A SPUI allows opposing left turns to proceed simultaneously in one single intersection over or under the freeflowing road — the I-4 Ultimate project will have examples of both of these. Colonial Drive will have a SPUI under I-4 and S.R. 436 will have a SPUI above I-4.

The name "single-point" refers to the fact that all through traffic on the arterial street, as well as the traffic turning left onto or off the interchange, can be controlled from a single set of traffic signals. Due to the space efficiency of SPUIs relative to the volume of traffic they can handle, the interchange design is often used in dense urban environments where space is at a premium.



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