



STATE ROAD 516 LAKE / ORANGE EXPRESSWAY

US 27 TO SR 429

JANUARY 2025

- (407) 505-5594
- Construction@CFXway.com
- www.CFXway.com
- @CFXway

PROJECT DESCRIPTION

The Central Florida Expressway Authority (CFX) is building the State Road 516 Lake / Orange Expressway in Lake and Orange counties. Built with innovation in mind, SR 516 will serve as a revolutionary testbed for electric in-vehicle charging. SR 516 will be the most sustainable project ever delivered by CFX.

The new 4.4-mile expressway, which is being constructed in three segments, will provide much-needed connectivity between Lake and Orange counties. SR 516 will also help to meet the future travel needs of an area that has blossomed into a fast-growing residential, commercial, and medical hub. Additionally, SR 516 will feature wildlife protection and a multi-use trail to deliver a world-class roadway.

QUICK FACTS

- **Est. Construction Timeline:**
April 2024 - Late 2027
- **Est. Construction Cost:**
\$546 million

INNOVATION & SUSTAINABILITY

CFX Advancing Sustainability Through Powered Infrastructure for Roadway Electrification (ASPIRE) Pilot Project will test a solution that “brings the charge to the vehicle” for both consumer and commercial electric vehicles through the electrification of the roadway to charge vehicles at highway speeds. The pilot project will introduce a wireless charging system installed within a 3/4 mile long section of the travel lanes of Segment 1 of SR 516 (see project map). The system will only work on specially equipped vehicles that will be used for initial testing of the charging lane.



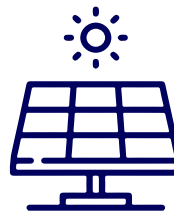
Rendering of the SR 516/SR 429 interchange



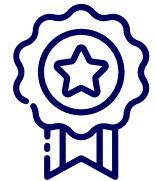
Electric vehicle charging pilot project



Landscaped with native plants and trees



Solar panels to power the road lights and toll equipment



Pursuing platinum level ENVISION certification



The Central Florida Expressway Authority (CFX) is an independent agency of the State of Florida that operates and maintains a regional network of expressways for 3 million residents of Brevard, Lake, Orange, Osceola, and Seminole counties and more than 75 million annual visitors to Central Florida. CFX's 125-centerline mile, user-funded system includes 73 interchanges, 14 mainline toll plazas, 5 mainline gantries, 76 ramp toll plazas and 369 bridges. On average, more than 1.5 million toll transactions are recorded daily, nearly 90 percent of them electronically. CFX operates E-PASS, the first electronic toll collection system in Florida, with more than one million E-PASS accounts. For more information, visit CFXway.com.

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WORK ZONE SAFETY

For the safety of motorists and work crews, speed limits will be strictly enforced during construction. Speeding fines are doubled in work zones when workers are present. Motorists are reminded to change lanes for safety when they see Road Rangers assisting other motorists or flashing lights, it's Florida law. Please be alert for construction vehicles and other equipment entering and leaving the travel lanes. Pay close attention to work zone signs and devices.

PROJECT BENEFITS



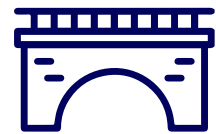
Improve connectivity opportunities for Lake and Orange counties.



Support economic viability & job creation for the Wellness Way Area Plan.



New multi-use trail in Lake County.



Wildlife tunnel near Lake Louisa State Park to protect drivers and animals.

PROJECT MAP

