

ADAPTIVE SIGNAL CONTROL

S.R. 44 from Airport Road to 3rd Avenue

Volusia County

Financial Project
Identification No.:

442499-1 &
436366-1

PROJECT DESCRIPTION

The Florida Department of Transportation (FDOT) will begin installation of a Traffic Adaptive Signal Control System on State Road (S.R.) 44 from Airport Road to 3rd Avenue in New Smyrna Beach. Using Adaptive Signal Control Technologies (ASCT) will allow real-time adjustments in traffic signal timing in response to changing traffic volumes. Strategically placed sensors along the corridor will collect data on the number of vehicles passing each point. The system then analyzes the data and can change the timing cycles of the signals to improve traffic flow. ASCT helps improve the traveler experience, increases the efficiency of traffic maintenance systems, and provides an additional safety measure on our roads and highways.

This project will also modify the existing turn lane on westbound S.R. 44 at Palmetto Street by extending its length back to Live Oak Street and restriping it to allow through and right-turn traffic.

WHAT TO EXPECT

This project will require single lane closures eastbound and westbound on S.R. 44. Lane closures will happen during daytime and nighttime hours. Electronic message boards and other signage will be used to alert motorists of closures. Updates can be found on FDOT's Central Florida website www.CFLRoads.com.

CONTRACTOR

SICE, Inc.

PROJECT COST

\$2 Million

PROJECT START

Summer 2020

ESTIMATED COMPLETION

Early 2021



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