

ADAPTIVE SIGNAL CONTROL SYSTEM

Financial Project
Identification No.:
442522-1

S.R. 421 from Summer Trees Road to South Atlantic Avenue

Volusia County

PROJECT DESCRIPTION

The Florida Department of Transportation will begin installation of a Traffic Adaptive Signal Control System on Taylor Road/Dunlawton Avenue (State Road (S.R.) 421) from Summer Trees Road to South Atlantic Avenue in Volusia County. 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.

WHAT TO EXPECT

This project will require single lane closures on eastbound and westbound S.R. 421. 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 the Florida Department of Transportation's Central Florida website, www.cflroads.com.

CONTRACTOR

Chinchor Electric, LLC

PROJECT COST

\$1.6 Million

PROJECT START

Summer 2020

ESTIMATED COMPLETION

Spring 2021



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