

# CONSTRUCTION QUICK FACTS

CENTRAL  
FLORIDA  
EXPRESSWAY  
AUTHORITY

## PROJECT: WRONG-WAY DRIVING DETECTION AND PREVENTION SYSTEM

As part of our mission to ensure the safety of our customers, the Central Florida Expressway Authority (CFX) began work on its Wrong-Way Driving Prevention Program in 2012 in partnership with the University of Central Florida. The program was broken out into three phases.

**Phase 1** – Completed in May 2013, extensive research was conducted to determine the extent of the wrong-way driving problem and examine potential solutions. It was determined that no technology currently in use adequately addresses wrong-way driving. Texas had the best approach available.

**Phase 2** – Completed in January 2016, Phase 2 included the development of technology to help detect wrong-way drivers and take appropriate action. During this phase:

- Different technologies were evaluated.
- The manufacturer added a confirmation camera.
- Feasibility tests were conducted to determine the best technologies to implement.
- Testing began in January 2015 at the SR 528 / SR 520 Interchange. Additional testing sites were added at the SR 408 / Hiawasse Road Interchange and the SR 408/Kirkman Road Interchange for a total of 5 WWD pilot locations. Data from the test sites will be collected for the duration of the study.

- During the testing period, the system will be active and will alert the Regional Traffic Management Center (RTMC) if a wrong-way driver is detected.
- RTMC has a standard procedure that includes notifications to the Florida Highway Patrol.

**Phase 3** – Currently underway, in 2015 CFX received board approval to expand the pilot program to design and construct additional ramp locations on the CFX system. As of February 2017, an additional 29 ramp locations have had the WWD equipment installed. This brings the total to 34 ramp locations that are equipped with WWD countermeasures developed under this program. This includes locations on SR 408, SR 528, SR 417, SR 414 and SR 429.



## PUBLIC INFORMATION

For more information, contact the Public Information Officer at Ph. 407-383-5817, E-mail [construction@CFXway.com](mailto:construction@CFXway.com) or visit [www.ExpresswayAuthority.com](http://www.ExpresswayAuthority.com).

## QUICK FACTS

**PROJECT START**  
2012

## ESTIMATED COMPLETION

Initial 34 locations were completed as of February 2017. Evaluation for future deployments is underway.

**PROJECT COST**  
\$3.5 million (Estimated)

The regional Central Florida Expressway Authority is responsible for the planning, design, construction, operation, and maintenance of a 109-mile limited-access expressway system to serve the four county region. CFX's system includes SR 408 (Spessard L. Holland East-West Expressway), SR 528 (Martin Andersen Beachline Expressway), SR 417 (Central Florida GreeneWay), SR 429 (Daniel Webster Western Beltway), SR 414 (John Land Apopka Expressway) and State Road 451.

Central Florida Expressway Authority: 4974 ORL Tower Road, Orlando, Florida 32807  
Phone: 407.690.5000 | Fax: 407.690.5011 | Email: [construction@CFXWay.com](mailto:construction@CFXWay.com)

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