

WEATHER SENSOR SYSTEM

Brevard, Flagler, Lake, Marion, Sumter, and Volusia Counties

Financial Project
Identification No.:
445082-1

PROJECT DESCRIPTION

This Florida Department of Transportation (FDOT) project will be enhancing Central Florida's emergency management and maintenance systems by installing remotely accessible sensors which will provide continuous monitoring of critically important roadway bridges. These new sensors will monitor wind speed, water level, and roadway surface conditions on various bridges across Brevard, Flagler, Lake, Marion, Sumter, and Volusia counties.

WHAT TO EXPECT

This project will require single lane closures on the bridges during the installation of the weather sensor systems. 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 FDOT's Central Florida website, www.cflroads.com.

CONTRACTOR

Traffic Control Devices, Inc.

PROJECT COST

\$1.1 Million

PROJECT START

Summer 2021

ESTIMATED COMPLETION

Early 2023



Contact Info:

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Community Outreach Coordinator

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LEGEND

Weather Sensor System - Bridge Location

Brevard - Sites: 1, 2, 3, & 4

Volusia - Sites: 5, 6, 7, 8, 9, 10, 11, & 12

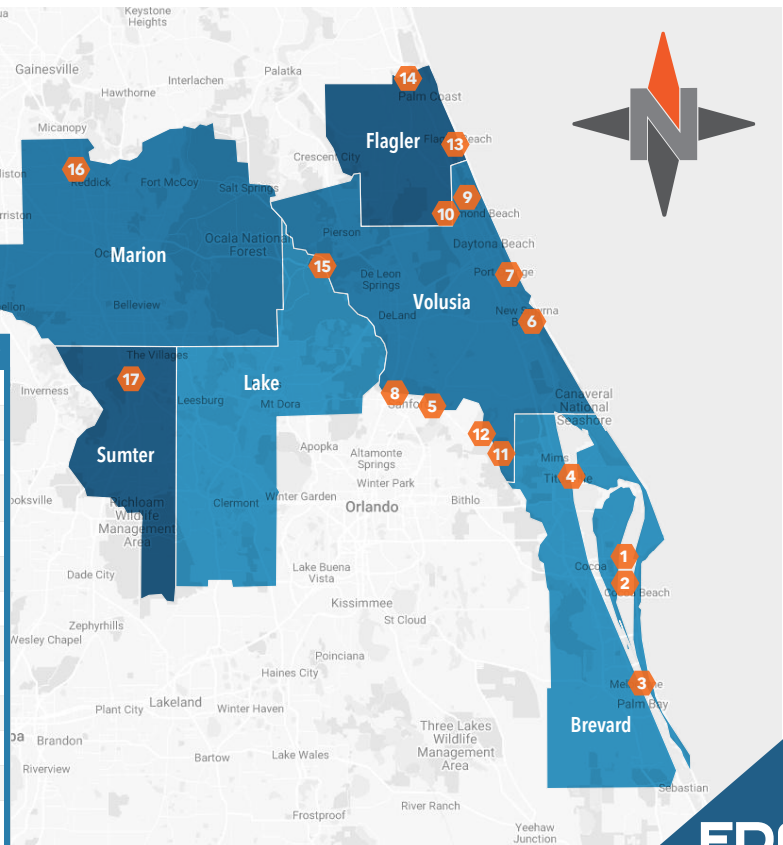
Flagler - Sites: 13 & 14

Lake - Sites: 15

Marion - Sites: 16

Sumter - Sites: 17

#	BRIDGE NAME	COUNTY	WIND SPEED	WATER LEVEL	ROADWAY SURFACE CONDITION
1	S.R. 528 over Banana River	Brevard	X	X	
2	S.R. 520	Brevard		X	
3	U.S. 192 over Indian River	Brevard	X	X	
4	Max Brewer Memorial Parkway over the Indian River	Brevard		X	
5	S.R. 415 over St. Johns River	Volusia	X	X	
6	S.R. 44 over Indian River	Volusia	X	X	X
7	S.R. A1A over Halifax River	Volusia		X	
8	I-4 over St. Johns River	Volusia	X	X	X
9	I-95 over NB U.S. 1	Volusia	X		X
10	I-95 over SB U.S. 1	Volusia	X		X
11	S.R. 46 over Cabbage Slough	Volusia		X	
12	S.R. 46 over St. Johns River	Volusia		X	
13	S.R. 100 over Intracoastal Waterway Flagler Beach	Flagler	X	X	X
14	I-95 over Pellicer Creek	Flagler	X		X
15	S.R. 40 over St. Johns River	Lake	X	X	X
16	I-75 over NW 193rd Street	Marion	X		X
17	I-75 over NB/SB S.R. 44	Sumter	X		X



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