



I4 Fog / Low Visibility Detection System

from the east end of the Polk Parkway
to the Osceola County line

Polk County October 2016

Estimated Schedule:

Design Began:

June 2016

Construction Began:

October 2016

Project Ends:

Fall 2017

Design/Construction Cost:

\$2.74 million

Design-Build Contractor:

Transcore ITS

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Crews are preparing to install a new Fog/Low Visibility Detection System on Interstate 4 as part of a Florida Department of Transportation design-build project that began in June 2016. With design nearly complete, construction crews are breaking ground in October 2016.

The system is intended to alert motorists of fog or smoke intrusion on the Interstate using a combination of existing and new Intelligent Transportation System (ITS) devices. The new equipment will be integrated into and operated by the Regional Transportation Management System in Tampa.

New equipment includes:

- One (1) wind, precipitation, visibility and atmospheric sensor (RWIS)
- Ten (10) visibility sensors
- Twelve (12) thermal/infrared cameras replacing the existing closed-circuit television cameras to view the corridor
- Four (4) 20-millimeter full-color dynamic message signs (DMS) to replace the existing amber DMS
- Fifty-eight (58) flashing beacon signs to alert motorists to low visibility conditions

Most work will occur off the roadway with little impact to traffic, except when crews replace the overhead signs.

Watch for trucks entering and leaving the highway. Speeding fines double when workers are present.

For online access to this information or to check for updates, visit:

• www.swflroads.com/I4/fogdetection.pdf

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