

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PROPRIETARY PRODUCT CERTIFICATION

630-020-07
SPECIFICATION
08/14

To: Annette Brennan, P.E.
Design Engineer

Date: 8/16/2016

Financial Project ID: 433040-1-52-01 New Const. RRR
Federal Aid Number: 8791 013 U
Project Name: SR 434 from Mitchell Hammock Road to Alexandria Blvd.
State Road Number: 434 Co. / Sec. / Sub.: Seminole / 77170
Begin Project MP: 2.780 End Project MP: 3.042
Full Federal Oversight: No Yes Note: If Yes, submit to FHWA Director.

A justification and all supporting documents must be attached to this document.
Mark the appropriate certification:

"I, Sofie Liatsos, Consultant Project Manager, of the FDOT District 5
Print Name of Initiator *Position Title* *Name of Agency*

do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2),
Mark appropriately (choose only one option):

- that this patented or proprietary item is essential for synchronization with existing highway facilities.
 that no equally suitable alternative exists for this patented or proprietary item."

, 8/16/2016
Signature Date

For Department Use Only

"I, Richard Morrow, DTOE
Print Name *Position Title*

of the Florida Department of Transportation, do hereby approve this certification request made in accordance with the requirements of 23 CFR 635.411(a)(2),
Mark appropriately (choose only one option):

- that this patented or proprietary item is essential for synchronization with existing highway facilities.
 that no equally suitable alternative exists for this patented or proprietary item."
Identify any conditions and limitations:

, 8/16/16
Signature Date

Financial Project ID: 433040-1-52-01

Federal Project Number: 8791 011 U

Name of Initiator: Sofie Liatsos

ITEM	Patented or Proprietary Item is Essential for Synchronization with Existing Highway Facilities	No Equally Suitable Alternative Exists for this Patented or Proprietary Item	APPROVED	NOT APPROVED	IN SEMP
Naztec ATC Type 1 Ethernet/70006-TS2/FL controller/cabinet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Richard B. Morrow, P.E.

District Traffic Operations Engineer

PUBLIC WORKS DEPARTMENT
TRAFFIC ENGINEERING DIVISION



August 12, 2016

Ms. Sofie Liatsos
Project Manager
Florida Department of Transportation
719 South Woodland Boulevard
DeLand, Florida 32720-6834

RE: SR 434 from Alexandria Boulevard to Mitchell Hammock Road
433040-1-52-01
Proprietary Product Justification

Dear Sofie,

Seminole County is requesting to specify a proprietary product (Naztec ATC Type 1 Ethernet/70006-TS2/FL controller/cabinet) for this project for the purpose of synchronization, operation, and maintenance. The proprietary product is necessary for the satisfactory operation of the existing facility and interchangeable with the existing available product maintenance inventory, and for communication purposes with the existing Seminole County ATMS system. The Seminole County ATMS system was installed to more effectively and proactively manage traffic throughout the County. The communications system installed, as well as the sub-systems, will provide the local agency operations center with the ability to communicate to field devices within their jurisdiction. This allows operations personnel to utilize the devices to find areas of congestion, identify causes of congestion, and provide motorists with traffic information related to the congestion. This system will decrease congestion within the area, decrease emergency responder notification times, and decrease incident durations resulting in more accurate and reliable travel times throughout the County. As is the case throughout the County, the majority of the commutes are made in automobiles, which means the local roadways are inundated with vehicles. This heavy traffic volume leads to congestion, stalled vehicles, and crashes, which further decrease the capacity of the roadway. Intelligent Transportation Systems are an integral part of providing innovative services, which help alleviate traffic congestion on local roadways and provides traffic information to motorists in Seminole County. The system deployed as part

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Ms. Liatsos

of the Countywide ATMS relies on synchronization with the existing central software and field hardware, creating the need for a proprietary product. The existing central software Seminole County uses is Trafficware's ATMS.now. There are multiple brands of controllers/cabinets on the state APL, such as Naztec, Econolite, or Peek. However, the Naztec controllers/cabinets is the only one that is compatible with Trafficware's ATMS.now software allowing for full functional use in the existing ATMS system, that the County staff is trained to operate and maintain.

Sincerely,

SEMINOLE COUNTY

A handwritten signature in blue ink, appearing to read "Charles Wetzel". The signature is fluid and cursive, with the first name being more prominent.

Charles Wetzel, P.E., PTOE
County Traffic Engineer

:cw