



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
PROPRIETARY PRODUCT CERTIFICATION

630-020-07  
PROGRAM MANAGEMENT  
06/16

To: Mario Bizzio, P.E.  
Design Engineer

Date: 5/17/2019

Financial Project ID: 436123-1-52-01 New Const.  RRR   
Federal Aid Number: 8529-004-U  
Project Name: SR 405 (Columbia Blvd.) at Sisson Road Intersection Improvements  
State Road Number: 405 Co. / Sec. / Sub.: Brevard / 70001  
Begin Project MP: 2.825 End Project MP: 2.960  
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, Corrina Gumm, P.E., Interim Public Works Director, of the Brevard County  
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."

Corrina Gumm Date 5-17-2019  
Signature Date

For Department Use Only

"I, JAMES S. STROZ, JR., DIST. TRAFFIC OPERATIONS ENGINEER  
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:

James Stroz Date 5/17/19  
Signature Date



BOARD OF COUNTY COMMISSIONERS

**Public Works Department**

2725 Judge Fran Jamieson Way  
Building A, Room 201  
Viera, Florida 32940

May 17, 2019

Mario Bizzio, P.E.  
FDOT District 5 Design Engineer  
719 South Woodland Blvd  
DeLand, FL 32720

RE: Justification for Use of Proprietary Products for Traffic Signal Equipment by Brevard County  
FPID: 436123-1  
Project: SR 405 at Sisson Rd Spaceport connector SIS intersection improvements

Dear Mr. Bizzio,

Brevard County is requesting to specify a proprietary product, **Gridsmart Vehicle Detection System, Dual Camera System, with Performance Data Module**, for this project for the purpose of synchronization, operation, and maintenance. The proprietary products are necessary for the satisfactory operation of the existing facility and interchangeable with the existing available product maintenance inventory, and reduces the cost by eliminating the need for additional training and inventory. Please find below further justification for the use of this product:

1. Function: The Gridsmart Vehicle Detection System is consistent with the existing video detection used throughout the County. The system includes a cabinet processor and video cameras. The County has been utilizing the Gridsmart Vehicle Detection System for the past several years with minimal issues.
2. Logistics: Brevard County staff is familiar with the equipment, software and hardware for the Gridsmart Vehicle Detection System allowing them to quickly replace, program and troubleshoot problems reducing impacts to the traveling public. In addition, the County stocks and maintains spare inventory and can quickly replace any failing or damaged equipment. The County has in depth knowledge of the Gridsmart equipment, hardware and software and requires no additional training.

In Summary, Brevard County is respectfully requesting that this proprietary product be furnished for this project.

Sincerely,

Corrina Gumm, P.E.

Interim Director of Public Works/Traffic Operations Program Manager