

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**PROPRIETARY PRODUCT CERTIFICATION**

630-020-07  
SPECIFICATION  
08/14

To: Annette Brennan, P.E.  
Design Engineer

Date: 3/9/2015

Financial Project ID: 435529-1-54-01 New Const.  RRR

Federal Aid Number: 4043-139C

Project Name: Orange County ATMS Phase 3 - Purchase of Adaptive Traffic Control System, Signal Controllers, Controller Assemblies, and UPS Assemblies

State Road Number: 426 and 434 Co. / Sec. / Sub.: Orange

Begin Project MP: \_\_\_\_\_ End Project MP: \_\_\_\_\_

Full Federal Oversight: No  Yes  Note: If Yes, submit to FHWA Director.

A justification and all supporting documents must be attached to this document.

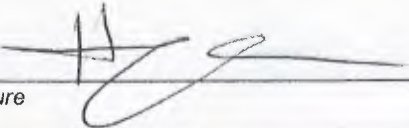
Mark the appropriate certification:

"I, Hazem El-Assar, P.E., Chief Engineer, of the Orange 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."

Signature



3/9/2015  
Date

For Department Use Only

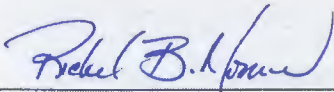
"I, RICHARD B. MORROW, DISTRICT TRAFFIC OPERATIONS ENG.,  
Print Name Position Title

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:

Signature



4/2/15  
Date

Financial Project ID: 435529-1-54-01

Name of Initiator: Hazem El-Assar, P.E.

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
Advance Traffic Signal Control System	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Signal Controllers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Controller Assemblies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UPS Assemblies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Field Ethernet Switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



Richard B. Morrow, P.E.

District Traffic Operations Engineer

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
PROPRIETARY PRODUCT CERTIFICATION

630-020-07  
SPECIFICATION  
08/14

To: \_\_\_\_\_  
Design Engineer

Date: 1/15/2015

Financial Project ID: 430252-1-54-01 New Const.  RRR   
Federal Aid Number: ITS 5 023 A  
Project Name: ITS Equipment on Selected Marion County Roads  
State Road Number: \_\_\_\_\_ Co. / Sec. / Sub.: \_\_\_\_\_  
Begin Project MP: \_\_\_\_\_ End Project MP: \_\_\_\_\_  
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, Bart Ciambella, P.E., Traffic Engineer, of the Marion 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."

Bart Ciambella \_\_\_\_\_ 1/15/15  
Signature Date

For Department Use Only

"I, RICHARD B MORROW, DISTRICT TRAFFIC OPERATIONS ENG.  
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:

SEE ATTACHED

Richard B Morrow \_\_\_\_\_ 4/2/15  
Signature Date

Financial Project ID: 430252-1-54-01

Name of Initiator: Bart Ciambella, P.E.

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
ACS Lite	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Radio Links	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Controllers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ethernet MMU	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PTZ Camera & Bracket	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Upgrade TS2 Cabinet & Controller	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cross Compass/Velocity Permanent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cross Compass/Velocity Mobile	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Firewall	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Video Wall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Water Tower and Landfill Tower Link Upgrade	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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
iPhone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Laptops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cyberkey (Cabinet)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cyberkey Server	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TMC Server	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TMC Desktop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Update Controller	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Battery Backup	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



Richard B. Morrow, P.E.

District Traffic Operations Engineer