



Craig Tajkowski
County Engineer

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.

[Signature]

State Design Engineer

MEMORANDUM

DATE: February 24, 2015
TO: Laura Ellen, District Design Liaison
FROM: Ron Sage, Highway Traffic Engineer, St. Charles County *Ron W. Sage*
SUBJECT: Design
Route: Various - St. Charles County
Minor Traffic Signal Upgrades 2
Job No. CMAQ-7302(658)
Public Interest Finding

With reference to the above mentioned project, we request approval of a finding in the public interest to use the two competitive electronic devices listed below. The scope of this project is to improve traffic flow by constructing minor traffic signal upgrades to five County maintained signalized intersections.

- 1. Either Brown Traffic Products Iteris Vantage Vector or Traffic Control Corporation's Autoscope Duo. The total unit bid quantity of two each affected are described as "Vehicle Detection System Complete". These are a Video and Radar Hybrid Multi-Sensor type vehicle/bicycle detection system the County currently maintains using licensed manufacturer software, spare parts, and has been trained to use. Currently, these are the only two known manufacturers of this hybrid video/radar detection system.
- 2. Either Brown Traffic Products or Traffic Control Corporation's NEMA TS2 Type 1 controller assembly 16 load switch back panel. The total unit bid quantity of two items each affected containing this component is "Traffic Signal Controller Assembly as per Plans". All of the controller assemblies maintained by Saint Charles County contain these back panels except one, which is proposed to be replaced by this project.

We ask for your approval to utilize these products due to compatibility issues with our other traffic signal systems, licensed software, staff training, and repair part inventories. These products are essential for synchronization with existing facilities.

Thank you for your time and consideration of this Public Interest Finding. The County seeks MoDOT approval of this request at its earliest convenience.

Approved by: _____ Date _____
_____ Date _____