



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.

State Design Engineer

August 17, 2016

Missouri Department of Transportation
Attn.: Thomas McCloskey
1590 Woodlake Drive
Chesterfield, MO 63017

Subject: Project No. STP-5414(622)
Droste Road Reconstruction
City of St. Charles

Dear Mr. McCloskey:

With reference to the above mentioned project, we request approval of a finding in the public interest to use the following products:

1.) VantageNext 4-Camera Video System manufactured by Iteris

The Iteris Vantage Next detection system is used at multiple locations throughout the City. The City of St. Charles is requesting the use of a detection system which can provide traffic count information for the various turning movements at the intersection of Droste and Duchesne. All existing video detection systems maintained by the City are manufactured by Iteris. MoDOT has previously granted approval of the use of this product on the Kingshighway Signalization Improvement Project.

The cost of the Iteris VantageNext system is comparable to those that are similar.

2.) Polara Bulldog Pedestrian Pushbuttons

The Polara Bulldog Pedestrian pushbuttons will be used at the midblock crossing and upgrade the current pushbuttons at the intersection of Droste and Duchesne. The Polara is the main supplier of pushbuttons for the City of St. Charles due to their high quality product. The City keeps their product on hand just in case of electric failures. Their product costs are very comparable to other products.

**Department of
Public Works**

Engineering Division

City of Saint Charles
200 North Second Street
Saint Charles, MO 63301
636.949.3237
www.stcharlescitemo.gov

3.) Intergrated Alpha Novus Uninterruptible Power Supply

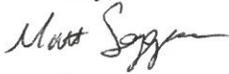
The Alpha Novus Uninterruptible Power Supply will be used to manage and maintain the battery backup system for the signal operations at Droste and Duchesne. The Alpha system is very reliable in keeping the batteries voltage maintained and keeping the signals on during power outages. The Alpha system is well known throughout the region. Many agencies throughout St. Louis use Alpha systems. Every intersection in the City has an Alpha system and kept inventory.

4.) Rectangular Rapid Flash Beacon Pedestrian Warning Signal by Carmanah

The Carmanah Rectangular Rapid Flash Beacon Pedestrian Warning Signal will be installed at the midblock to make drivers aware of the pedestrian crossing. The beacons will flash when a pedestrian / bicyclist activates the pushbutton. The beacon for flash for a standard time, enough time for the person to cross then stop flashing. Carmanah is leading manufacturer of these systems based on their high quality product, customer service, and comparable pricing. Carmanah products are used throughout the City and multiple agencies within St. Louis.

Thank you for your consideration of this request. If you have any questions, please call me at 636-949-3533.

Sincerely,



Matt Seggerman
Project Manager
City of St. Charles

cc: Brad Temme, P.E. Senior Design Project Manager