



## CITY OF COLUMBIA, MISSOURI

PUBLIC WORKS DEPARTMENT

December 26, 2014

Eric Schroeter  
State Design Engineer  
Missouri Department of Transportation

**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**

Re: Public Interest Finding  
MoDOT Job No. STP – 2100 (522)  
Route 763, Boone County  
Pedestrian Signal Installations between Rollins and University

Dear Mr. Schroeter,

The City of Columbia is requesting approval of two proprietary items for use on the above referenced project. In order to meet the purpose and need of the project, the City requests the usage of Polara Navigator Push Button Detectors and Eagle Signal Controllers.

### Polara Navigator Push Button Detectors

In 2015, the City will fund Accessible Pedestrian Signals at the MoDOT maintained intersections of: 763 & Broadway, Business Loop 70 & 163, and Stewart & 163. Polara Navigator Push Buttons will be used at these locations. Being consistent with the look and touch of the push buttons and a consistent audible sound will benefit pedestrians, and in particular those with sight impairments, that navigate along Columbia City streets. The City has made the Polara Navigator the standard push button for City inventories and all future usage.

### Eagle Signal Controllers

The City of Columbia installs Eagle traffic signal controllers at all traffic signal locations to provide consistent and efficient interconnect systems and controller programming by our staff. The City keeps only the Eagle Controller in stock for emergency replacement. Route 763 is maintained by MoDOT and has Eagle Signal Controllers. Installing the same traffic signal controller will help maintain progression on the corridor. City and MoDOT staff are familiar with the programming of these controllers and work together to keep them operating.

A cost comparison with alternative products indicates no significant difference between these products and other similar equipment.

In accordance with 23 CFR 635.411(c) we request your approval of these proprietary items.

Sincerely,



Scott Bitterman, P.E.  
Street Engineering Manager  
Columbia Public Works

Copy: Jenni Jones, MoDOT

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State Design Engineer