



STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

BUREAU OF ENGINEERING  
SUITE 700, JAMES K. POLK BUILDING  
505 DEADERICK STREET  
NASHVILLE, TENNESSEE 37243-1402  
(615) 741-0791

JOHN C. SCHROER  
COMMISSIONER

BILL HASLAM  
GOVERNOR

TO: Chuck Rychen, Assistant Chief Engineer of Operations  
FROM:  Jim Moore, Director, Program Development and Administration Division  
SUBJECT: Proprietary Item Request and Justification for the City of Columbia for Traffic Controllers

The Program Development and Administration Division Director, Jim Moore, requests approval for the City of Columbia to be certified to utilize the following proprietary items for installation, upgrades and maintenance of the signalization components of projects, over the next three years, where Federal and/or State funding is used:

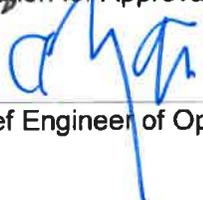
- EIGHT PHASE ACTUATED CONTROLLER - EAGLE EPAC CONTROLLER

**Justification**

This item is to replace the existing controller at the current signalized intersection. The City of Columbia maintains all its own signals within the City. The City of Columbia currently has approximately 45 signalized intersections of which 35 signalized intersections use the above requested controller. This specific item requested is needed for consistency with the existing City infrastructure as well as for maintenance and synchronization purposes.

If you have any questions or comments, please contact Denise Baker with the Local Programs Office at 615-741-7015 or [denise.baker@tn.gov](mailto:denise.baker@tn.gov).

I, Jim M. Moore, Program Development and Administration Division Director, of the Tennessee Department of Transportation, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a) (2) that the patented or proprietary item(s) as listed above is essential for the synchronization with existing facilities or no equally suitable alternative exists for this patented or proprietary item as listed above.

  
\_\_\_\_\_  
Recommendation for Approval  
  
\_\_\_\_\_  
Assistant Chief Engineer of Operations

\_\_\_\_\_  
Date  
10-5-15  
\_\_\_\_\_  
Date



September 4, 2015 DEVELOPMENT SERVICES DEPARTMENT

Denise Baker  
TDOT Design Division Local Program Coordinator  
1300 James K. Polk Building  
Nashville, TN 37243

**Re:** Proprietary items product certification request for the City of Columbia

Ms. Baker,

The City of Columbia is requesting a proprietary item product certification of the following product. This item will be used in the signalization components of Federal and/or State funded projects over the next three years. Below is the item requested for TDOT approval and certification:

1. Eagle EPAC controller for signal operation.

The City of Columbia maintains all of their own signals throughout the City. This proprietary item is necessary for maintenance and synchronization purposes. The City of Columbia currently operates approximately 35 of their 45 signalized intersections with the above requested items.

Thank you in advance for your attention in this matter. We look forward to letting the project and beginning construction in the very near future. Please contact me or Chad Clark at Wisser Consultants, 615-278-1454, if you need any further justification or information regarding this project.

Sincerely,

A handwritten signature in blue ink, appearing to read "Glenn Harper", is written over a horizontal line.

Glenn Harper  
City of Columbia Engineer