



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: Greg Duncan  
Assistant Chief Engineer of Operations

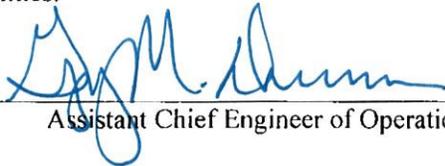
FROM: Brad Freeze, Director of Traffic Operations

SUBJECT: **Proprietary Item Request and Justification**  
**Clarksville Traffic Controller**

The City of Clarksville is requesting that the Eagle EPAC Controllers by Siemens be used in the signalization component of projects within the City of Clarksville's control and maintenance over the next three years where Federal and/or State funding is used. This request is based on the necessity for the synchronization with the existing traffic signal system operated and maintained by the City. The following are justifications for this request:

- 1) Currently, the City of Clarksville has a total of 92 signalized intersections that they operate and maintain. All 92 of these intersections are operated by the Eagle EPAC controller. Therefore, to maintain the synchronization capabilities within the signal network the use of the Eagle EPAC controller is being requested.
- 2) The City of Clarksville maintains an inventory of spare controllers and controller parts for the Eagle EPAC controller. In addition, the traffic signal technicians have undergone extensive training on the maintenance and trouble shooting of this system. Continued use of this controller will be more cost effective and less time consuming for the City.

I, Brad Freeze, Director of TDOT Traffic Operations, do hereby certify that in accordance with the requirements of 23, CFR 635.411(a)(2) that the patented or proprietary items listed above are essential for the synchronization of existing facilities.

  
Assistant Chief Engineer of Operations

9/25/14  
Date

Cc: Jeff C. Jones, TDOT Assistant Chief Engineer of Design  
Mike Tugwell, TDOT State Traffic Engineer  
Danny Lane, TDOT H.Q. Materials & Test Division  
Chris Cowan, Clarksville Traffic Engineer

Recommended for approval: [Signature], Director of Traffic Operations

September 11, 2014

Mr. David Moss  
Tennessee Department of Transportation  
505 Deadrick St, Suite 1300  
Nashville, TN 37243

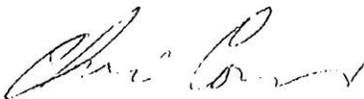
**SUBJECT: Request for Proprietary Traffic Signal Products Certification  
(Traffic Signal Controllers)**

Dear Mr. Moss:

The City of Clarksville would like to request the use of Eagle EPAC Controllers by Siemens on all Traffic Signal projects within the City of Clarksville. There are currently 92 traffic signals located in the City of Clarksville. All of the 92 (100%) signals have Eagle EPAC Controllers.

The use of the Eagle EPAC Controllers by Siemens is for full synchronization capabilities within the existing traffic signal network. Our inventory of existing equipment is comprised primarily of the Eagle EPAC Controllers by Siemens. The City of Clarksville maintains an inventory of parts for the Eagle EPAC Controllers by Siemens and our Traffic Signal Technicians have undergone extensive training on the maintenance and trouble shooting of this system. Thank you for your consideration of this request to better serve the citizens of Clarksville with increased safety and efficiency through normal operations and maintenance activities. If you have any question please feel free to contact me at 931-645-7464 ext. 6517.

Sincerely,



Chris Cowan, P.E.  
Traffic Engineer  
Clarksville Street Department