



**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 Emergency Vehicle Preemption System**

The City of Clarksville is requesting that the 3M/GTT Opticom Emergency Vehicle Preemption System 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) The City of Clarksville currently has this equipment installed at 19 of the 92 signalized intersections within the City's control and maintenance. With this being the primary preemption equipment being used, the City's inventory of preemption equipment is comprised of the 3M/GTT equipment and the City's traffic signal technicians are trained in the maintenance and trouble shooting of this system.
- 2) The City's existing emergency response vehicles and the Clarksville Transit System vehicles are currently outfitted with the 3MGTT preemption equipment. Continuing the use of this equipment will not require the refitting of these vehicles with another type of equipment.

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

12/16/14  
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

September 11, 2014

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

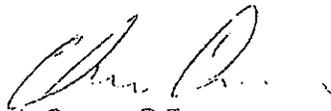
**SUBJECT: Request for Proprietary Traffic Signal Products Certification  
(3M/GTT Opticom EVP System)**

Dear Mr. Moss:

The City of Clarksville would like to request the use of the 3M/GTT Opticom Emergency Vehicle Preemption System on all Traffic Signal projects within the City of Clarksville. There are currently 92 traffic signals located in the City of Clarksville. There are currently 19 signals with EVP systems. All of these systems use the 3M/GTT Opticom Emergency Vehicle Preemption System.

The Opticom EVP System is used to give emergency vehicles priority when assigning the ROW at traffic signals, which helps to reduce response delay. Our inventory of existing equipment is comprised primarily of the Opticom EVP System. The City of Clarksville maintains an inventory of parts for the Opticom EVP system and our Traffic Signal Technicians have undergone extensive training on the maintenance and trouble shooting of this system. In addition, the existing emergency response vehicles and the Clarksville Transit System (CTS) vehicles are currently outfitted with 3M/GTT preemption equipment. The use of the 3M/GTT Opticom EVP System is requested for full synchronization with existing equipment. 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