



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
TRAFFIC OPERATIONS DIVISION
SUITE 1800, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-1402
(615) 253-1122

CLAY BRIGHT
COMMISSIONER

BILL LEE
GOVERNOR

TO: Will Reid, Assistant Chief Engineer of Operations

FROM: Brad Freeze, Director of Traffic Operations

SUBJECT: **Proprietary Item Request and Justification**
City of McMinnville
Traffic Signal Controllers

Traffic Signal Controllers: The City of McMinnville is requesting that Siemens Eagle traffic signal controllers be used in all signalization projects over the next three years where Federal and/or State funding are used. The following are justification items for this request:

The City of McMinnville currently operates and maintains 24 signalized intersections, of which 20 of them have installed the Siemens Eagle traffic signal controllers. The City of McMinnville staff has been extensively trained to install, operate, maintain, program, and troubleshoot Siemens Eagle traffic signal controllers. This allows technicians to quickly diagnose problems with field units which reduces the time required to maintain the system overall and helps keep the system operational during heavy traffic times to insure maximum capacity of the synchronized system. By utilizing the Siemens Eagle traffic signal controller as the standard for the City, there will be a cost savings in stocking replacement equipment which will result in faster and less costly repair.

I, Brad Freeze, Director of the Traffic Operations Division 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 items listed above are essential for the synchronization of existing facilities.

Assistant Chief Engineer of Operations

Date



City of McMinnville, Tennessee
101 East Main St.
P.O. Box 7088 McMinnville, TN 37111 www.mcminnvilletn.gov

June 22, 2020

Steve Bryan, PE, PTOE
Tennessee Department of Transportation
505 Deaderick St. Suite 1800
Nashville, TN 37243

Re: Request for Proprietary Traffic Signal Products Certification
(Traffic Signal Controller)

Dear Mr. Bryan:

The City of McMinnville would like to request the use of **Siemens Eagle** traffic signal controllers on all traffic signal projects maintained by the City of McMinnville which are Federally and/or State funded for the next three years.

The City of McMinnville currently operates and maintains 24 signalized intersections, 20 of which are Siemens Eagle controllers. The City has recently had a new Siemens traffic signal controller installed at the intersection of Cadillac Drive and Sparta Highway. The City's traffic signal technicians have worked with this new controller with great success and would like to continue to use this type of controller on new intersection projects. The City would also like to use this controller at more intersections so that in the future the intersections can be synchronized with each other if upgrades to communication lines are made. Additionally, standardizing to a single model of traffic signal controller will simplify the need to store backup controllers in the event of failures and prevent signal technicians from having to be familiar with programming controllers from multiple manufacturers.

Best regards,

Nolan Ming | City Administrator | City of McMinnville, Tennessee
101 E. Main St, McMinnville, TN 37110
Office: 931.473.1203