



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

HOWARD H. ELEY
COMMISSIONER

BILL LEE
GOVERNOR

TO: Ben Price, Assistant Chief Engineer of Operations
FROM: Lee Smith, Interim Director of Traffic Operations
SUBJECT: **Proprietary Item Request and Justification**
City of Dayton

The City of Dayton is requesting the following items be used in all signalization projects within their jurisdiction over the next three years where Federal and/or State funding are used.

- 1) **Traffic Signal Controllers:** Yunex Controllers including Siemens and Eagle Controllers.
- 2) **GPS Devices:** Simrex GPS Devices including Simsync Precise Traffic Timing Devices.

The above items are essential for synchronization with existing facilities. The City of Dayton staff has been extensively trained to install, operate, maintain, program, troubleshoot, and repair these items. This allows technicians to quickly diagnose issues which reduces the time required to maintain the system overall and helps keep the system operational during heavy traffic times to ensure maximum capacity of the synchronized system. By utilizing these items as the standard for the City of Dayton, there will be a cost savings in stocking replacement equipment and will result in faster and less costly repair. See attached letter for additional justification details of this request.

I, Lee Smith, Interim 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.


Lee Smith (Aug 23, 2022 15:22 CDT)

Interim Director of Traffic Operations



Assistant Chief Engineer of Operations

Aug 23, 2022

Date



City of Dayton

P. O. Box 226, Dayton, Tennessee 37321
(423) 775-1817 Fax (423) 775-8404



August 18, 2022

Mr. Steve Bryan, P.E.
Traffic Operations Division, Traffic Engineer
Tennessee Department of Transportation
James K. Polk Building, 18th Floor
505 Deaderick Street
Nashville, TN 37243

RE: Request for Proprietary Traffic Signal
Products (Traffic Signal Controllers)

Dear Mr. Bryan:

The City of Dayton, Rhea County, Tennessee, would like to request the use of Eagle EPAC Controllers from Siemens on all Traffic Signal projects within the City of Dayton. We currently have eighteen (20) traffic signals that the City of Dayton maintains, eleven (15) of which are Eagle EPAC Controllers.

The City of Dayton has made the decision to standardize our traffic signals to Siemens Eagle EPAC Controllers. As issues arise or we have equipment failure with our traffic lights then the controllers will be replaced with Eagle EPAC Controllers. All Traffic Control Technicians have been trained extensively on the maintenance and troubleshooting of this system and we have an inventory of spare parts/equipment on hand of the Siemens Eagle EPAC parts.

We are also going to use Simsync Precise Traffic Timing by Simrex Corporation for GPS, Time/Date synchronization and coordination of traffic controllers.

Thank you for considering this request to better serve the public with increased safety and efficiency through normal operations and maintenance activities. If you should have any questions or need any additional information, please feel free to call at any time. My telephone number is 423-775-1817 ext. 223.

Sincerely,

Thomas W. Solomon
City Manger

TWS/tac