



**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 Lenoir City**

- 1) **Traffic Signal Controllers**
- 2) **Traffic Signal Central Software**

- 1) **Traffic Signal Controllers:** The City of Lenoir City is requesting that Siemens M60 Series ATC controllers be used in all signalization projects within the City over the next three years where Federal and/or State funding are used. The following are justification items for this request:

The City of Lenoir City currently operates and maintains 27 signalized intersections. The City currently has installed Siemens M60 Series ATC controllers at 19 signalized intersections within the City's jurisdiction. By standardizing controllers across all of its 27 signalized intersections, the City plans to further enhance synchronization of the overall signal system serving the City.

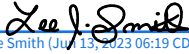
The City of Lenoir City maintains an inventory of these controllers and their staff has been trained properly to install, operate, maintain, program, and troubleshoot Siemens M60 Series ATC controllers. This knowledge allows the technicians to quickly diagnose problems with field units which reduces the time required to maintain the system overall and helps keep the system operational during heavy traffic times to ensure maximum capacity of the synchronized system. By utilizing these devices as the standard for the City, there will be a cost savings in stocking replacement equipment that will result in faster and less costly repair.

- 2) **Traffic Signal Central Software:** The City of Lenoir City is requesting that Siemens TACTICS central software be used for all signalization projects within the City over the next three years where Federal and/or State funding are used. The following are justification items for this request:

The City of Lenoir City currently has Siemens M60 Series ATC controllers installed at 19 of their 27 signalized intersections within the City's jurisdiction. As supported in the attached letter from Siemens, the installation of Siemens TACTICS central software will provide synchronization of their traffic signal systems and full functionality of their systems operations by supporting the proprietary features developed for the Siemens M60 Series ATC controllers.

The City of Lenoir City utilization of the Siemens TACTICS central software knowledge allows their technicians to quickly diagnose problems from a central location 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.

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 (Jun 13, 2023 06:19 CDT)

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Interim Director of Traffic Operations



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Assistant Chief Engineer of Operations

Jun 13, 2023

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Date

CITY COUNCIL

Jim Shields, Vice Mayor

James Brandon

Mike Henline

Todd Kennedy

Eddie Simpson

Jennifer L. Wampler



Tony R. Aikens - Mayor

CITY ADMINISTRATOR  
Amber Scott Kelso

CITY RECORDER-TREASURER  
James W. Wilburn III

CITY ATTORNEY  
Walter Johnson

FINANCE DIRECTOR  
Maggie Hunt

April 6, 2023

Stephen K. Bryan, P.E., PTOE  
Traffic Engineer/Section Manager – Signal & Lighting Design  
Traffic Operations Division  
Tennessee Department of Transportation  
James K. Polk Bldg., 18<sup>th</sup> Floor  
505 Deaderick Street  
Nashville, TN 37243

RE: Proprietary Item Request and Justification  
Traffic Signal Controllers  
City of Lenoir City, TN

Dear Mr. Bryan:

The City of Lenoir City is requesting proprietary approval to specify the use of the Siemens m60 Series Advanced Transportation Controller (ATC) for signalization projects within Lenoir City during the next three (3) years. Currently, Lenoir City owns and maintains the proprietary item at 19 of the 27 traffic signals owned/maintained by Lenoir City. Lenoir City maintains an inventory of parts for the proprietary item and employees are trained to maintain the proprietary item. This provides continued efficiency of normal operations, maintenance activities, and increased safety for Lenoir City.

Use of the proprietary item also provides the opportunity for enhanced features and capabilities via connection with the Siemens TACTICS central software that Lenoir City owns and maintains. The full functionality of the proprietary item is provided in conjunction with the Siemens TACTICS central software.

With this justification, Lenoir City requests proprietary approval for the Siemens m60 Series ATC.

Thank you,

  
Amber Scott Kelso, City Administrator  
City of Lenoir City