



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 Program Delivery

FROM: Brad Freeze, Director of Traffic Operations

SUBJECT: **Proprietary Item Request and Justification**
City of Dickson

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

- **Traffic Signal Controllers:** McCain Controllers including the ATC eX series.

The above item is essential for synchronization with existing facilities. The City of Dickson staff has been extensively trained to install, operate, maintain, program, troubleshoot, and repair this item. 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 this item as the standard for the City of Dickson, 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, 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.

Phillip Freeze (Aug 6, 2021 11:15 CDT)

Director of Traffic Operations

Will Reid (Aug 13, 2021 15:43 CDT)

Assistant Chief Engineer of Program Delivery

Aug 13, 2021

Date

City of Dickson

600 East Walnut Street
Dickson, TN 37055

Christopher Hooper
Senior Project Coordinator
Title VI Coordinator

Phone 615-441-9508
Fax 615-446-4806
Email chooper@cityofdickson.com

July 16, 2021

Mr. Steve Bryan, P.E.
TDOT Traffic Operations Division
James K. Polk Building, Suite 1800
505 Deaderick Street
Nashville, TN 37243

RE: McCain ATC eX Signal Controller Proprietary Request

Dear Mr. Bryan,

The City of Dickson would like to request the use of McCain ATC eX signal controller with the implementation of all traffic signal projects that are state or federally funded over the next three (3) years. There are currently 28 traffic signals operated by the City of Dickson, and the City currently employs the use of McCain ATC eX traffic signal controllers for 12 of those signals. This brand of controller was deployed along SR 46 as part of the Transportation Systems Management (TSM) project designed and constructed by the Department a few years ago. Since that time, the City of Dickson staff has familiarized themselves with the McCain ATC eX traffic controllers and would like to continue using the same consistent equipment for all traffic projects in the foreseeable future. The use of one standard traffic signal controller throughout the City will streamline maintenance, troubleshooting, and allow the City cost savings since they will be able to invest in their inventory more efficiently. Finally, the remaining 16 traffic signals throughout the City are a mixture of three (3) different brands of controller types, and a couple of these controller types do not have local, Tennessee-based representation for maintenance / trouble-shooting needs. Hence, from our perspective, it is no longer a viable solution to utilize those controller types in our City.

Thank you for your consideration concerning this request as the City of Dickson seeks to upgrade and enhance their existing advanced traffic control system. If you have any questions, please contact me by phone at (615) 441-9508 or email at chooper@cityofdickson.gov.

Sincerely,



Christopher Hooper,
Senior Project Coordinator