



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: Chuck Rychen, Assistant Chief Engineer of Operations
FROM:  Jim Moore, Director, Program Development and Administration Division
SUBJECT: **Proprietary Item Request and Justification for the City of Soddy-Daisy for Signalization Components**

The Program Development and Administration Division Director, Jim Moore, requests approval for the City of Soddy -Daisy to be certified to utilize the following proprietary items for installation, upgrades and maintenance of the signalization components of projects, over the next three years, where Federal and/or State funding is used:

- LUMINAIRES (400 WATT) Holophane Mongoose, HPS Part # G400H0MAHDRVGBRE
- ELECTRICAL SERVICE CONNECTION 100 amp Meterbase, Square D 100 Amp Outdoor Box (QO612L1OORBCP)
- SIMSYNC M34 GPS TIME SYNC SYSTEM
- EAGLE EPAC EIGHT PHASE ACTUATED CONTROLLER

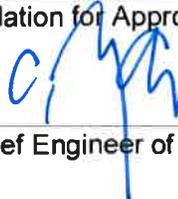
Justification

All items are essential for the synchronization with existing facilities. The 400 watt Holophane Mongoose luminaries and meterbases are the City of Soddy -Daisy’s standards. Both controllers are for existing signal upgrades and are essential for the synchronization of the signals. The City currently has 10 controllers, 8 of which are Eagle controllers. The Simsync and Eagle Epac must be used in order to be compatible with the City of Soddy-Daisy’s standard traffic signal controllers. These types and styles must be consistent with the existing City infrastructure for maintenance and service agreement purposes. The City maintains these items with their own resources, when possible.

If you have any questions or comments, please contact Donovan Chumbley with the Local Programs Development Office at 615.532.3567 or Donovan.Chumbley@tn.gov

I, Jim M. Moore, Program Development and Administration Division Director, 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 item(s) as listed above is essential for the synchronization with existing facilities or no equally suitable alternative exists for this patented or proprietary item as listed above.



Recommendation for Approval


Assistant Chief Engineer of Operations

Date
10.6.15

Date



RICK NUNLEY
Mayor

DR. PATTI SKATES
Vice-Mayor

City of Soddy - Daisy

9835 Dayton Pike
Soddy-Daisy, Tennessee 37379
Office 423/332-5323 • Fax 423/332-5048
www.soddy-daisy.org

JIM ADAMS
Commissioner
ROBERT COTHRAN
Commissioner
GENE SHIPLEY
Commissioner
JANICE CAGLE
City Manager

July 23, 2015

Whitney Sullivan
TDOT Design Division Local Program Coordinator
1300 James K. Polk Building
Nashville, TN 37243

Re: Proprietary items product certification request for the City of Soddy-Daisy.

Ms. Sullivan,

The City of Soddy-Daisy is requesting proprietary items product certification of the following products which will be used on the Dayton Pike Widening project. Below are the items requested for TDOT approval and certification:

1. Holophone Mongoose 400 Watt HPS street light.
2. Simsync M34 GPS Timesync System for signal operation.
3. Eagle EPAC 300 controller for signal operation.
4. Square D 100 amp out door meter base.

The City maintains their own signals and street lighting systems. These proprietary items are necessary for maintenance and synchronization purposes. Additional justification has been provided on TDOT's proprietary item justification form previously submitted.

Thank you in advance for your attention in this matter. We look forward to letting the project and beginning construction in the very near future. Please contact myself or Chad Clark at Wisser Consultants, 615-278-1454, if you need any further justification or information regarding this project.

Sincerely,



Janice Cagle
City Manager