



**STATE OF TENNESSEE**  
**DEPARTMENT OF TRANSPORTATION**  
**PROGRAM DEVELOPMENT & ADMINISTRATION DIVISION**  
SUITE 600, JAMES K. POLK BUILDING  
505 DEADERICK STREET  
NASHVILLE, TENNESSEE 37243-1402  
(615) 741-3301

**CLAY BRIGHT**  
COMMISSIONER

**BILL LEE**  
GOVERNOR

TO: Will Reid, Assistant Chief Engineer of Program Delivery

FROM: *RP* Ronnie Porter, Director, Program Development and Administration Division

SUBJECT: **Proprietary Item Request and Justification for the City of Crossville for Peek controllers including Peek 3000E, Peek conflict monitors including Peek Double Diamond and Wavetronix radar detection equipment including SmartSensor Matrix & SmartSensor Advance.**

I, Ronnie Porter, Director of the Program Development and Administration Division, request approval for the City of Crossville to be certified to utilize the following proprietary item(s) over the next three years, where Federal funding is used:

Peek controllers including Peek 3000E, Peek conflict monitors including Peek Double Diamond and Wavetronix radar detection equipment including SmartSensor Matrix & SmartSensor Advance.

**Justification**

The City of Crossville is requesting proprietary certification because the patented or proprietary items listed above are essential for synchronization with existing facilities. See attached letter for detailed justification.

If you have any questions or comments, please contact **Katie Brown** at (615)253-2421 with the Local Programs Development Office or at [Katie.Brown@tn.gov](mailto:Katie.Brown@tn.gov).

I, Ronnie Porter, 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.

  
Phillip Freeze (Aug 16, 2021 21:52 CDT)

Recommendation for Approval

  
Will Reid (Aug 24, 2021 14:49 CDT)

Assistant Chief Engineer of Program Delivery

Aug 24, 2021

Date

City of Crossville  
Engineering Department



392 N Main St.  
Crossville, TN 38555  
Phone 931-484-5113  
Fax 931-484-7713

May 6, 2021

To: Steve Bryan  
Tennessee Department of Transportation  
505 Deaderick St. Suite 1200  
Nashville, TN 37243

RE: Request for Proprietary Traffic Signal Products Certification.  
Traffic Signal Controller, Conflict Monitors, and Vehicle Detection

Dear Mr. Bryan:

The City of Crossville would like to request the use of PEEK Controllers, PEEK Conflict Monitors, and WAVETRONICS Vehicle Detection on all TDOT projects which include traffic signals that are maintained by the City of Crossville, whether they are City or County owned.

Currently there are forty-three (43) signalized intersections that the City of Crossville operates and maintains. PEEK Controllers and PEEK Conflict Monitors operate all forty-three (43) of the signalized intersections. Currently there are nine (9) signalized intersections which utilize WAVETRONICS Vehicle Detection. The City plans to install this detection system on all new signals and convert existing signals as the current detection fails.

The City of Crossville's signal technicians have been extensively trained to maintain, program, and troubleshoot PEEK Traffic Signal Controllers, PEEK Conflict Monitors, and WAVETRONICS Vehicle Detection. We believe continuing the use of PEEK and WAVETRONICS equipment will allow the signal systems to be maintained and repaired efficiently with minimized down time due to parts in stock, and familiarity with this product line.

Should you have any questions please call me at 931-456-6172.

Sincerely,

Tim Begley  
Director of Engineering