



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
TRAFFIC OPERATIONS DIVISION
SUITE 1800, JAMES K. POLK BUILDING
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HOWARD H. ELEY
COMMISSIONER

BILL LEE
GOVERNOR


TRAFFIC MEMORANDUM NO. 2402

**Proposed Pedestrian Hybrid Beacon (PHB) / Rectangular Rapid Flashing Beacon (RRFB)
Upgrade to Traffic Signals at or near Unsignalized Intersections**

Effective October 4, 2024 Letting (July 24, 2024 Turn-in), a proposed Pedestrian Hybrid Beacon (PHB) / Rectangular Rapid Flashing Beacon (RRFB) shall be upgraded to a traffic signal when the PHB / RRFB is located within 200 feet of an unsignalized intersection and when both the following conditions are applicable.

1. No existing traffic signals are located within 660 feet of the unsignalized intersection.
2. A traffic signal warrant analysis performed in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) shows that Warrants 1 and / or 2 are satisfied at a minimum of 50% volume thresholds.

Both conditions listed above must be satisfied to upgrade the proposed PHB / RRFB to a traffic signal at an unsignalized intersection. If one of the two conditions listed above is not satisfied, then the installation of a traffic signal to replace the PHB / RRFB can be considered upon written approval by the TDOT Traffic Design Division Director.


Andrew Barlow (May 13, 2024 10:38 CDT)

Andy Barlow, PE
Director
Traffic Engineering Division

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