

**TEMPORARY TRAFFIC CONTROL DEVICE MATERIALS  
(REV 10-23-24)**

SECTION 990 is expanded by the following subarticle:

**990-18 Work Zone Collision Detection and Avoidance System.**

**990-18.1 General:** Work Zone Collision Detection and Avoidance Systems shall be listed on the APL. Provide a Work Zone Collision Detection and Avoidance System capable of providing a user configurable protective work zone boundary using LiDAR and/or a rollover detection system.

**990-18.2 Product Application:** Manufacturers seeking inclusion of Work Zone Collision Detection and Avoidance Systems on the APL shall submit the following:

1. Installation Instructions

Detailed drawings showing typical applications of the system including device locations

2. Photographs

3. Drawings (may be included in Installation Instructions) of sufficient detail to distinguish between similar devices and system components

4. Any field assembly details and technical information necessary for proper application and installation

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