

DEPARTMENT OF TRANSPORTATION

Safety and Traffic Engineering Branch
 4201 East Arkansas Ave, EP 770
 Denver, Colorado 80222-3400
 303-757-9368
 FAX 303-757-9219



ADVANCE NOTICE TO ENTITIES THAT WILL BE APPLYING FOR CDOT UTILITY, ACCESS OR SPECIAL USE PERMITS

Compliance With NCHRP 350 Crashworthiness Certification for Work Zone Traffic Control Devices

Work zone devices designated by FHWA as category I, including but not limited to single-piece drums, tubes, cones and delineators shall meet NCHRP 350 crash test requirements. The Permittee, or their contractor, shall obtain and make available upon request, the manufacturer's written NCHRP 350 certification for each type of category I device.

Work zone devices designated by FHWA as category II, including but not limited to barricades, vertical panels with light, drums or cones with light, portable sign supports, intrusion detectors and type III barricades shall meet NCHRP 350 crash test requirements. However, the Permittee may use category II devices originally purchased prior to October 1, 2000 in accordance with Table 1, presented below. The Permittee, or their contractor, shall obtain and make available upon request, the manufacturer's written NCHRP 350 FHWA Acceptance Letter for each type of category II device, or shall certify that the category II device was originally purchased prior to October 1, 2000.

Work zone devices designated by FHWA as category III, including but not limited to concrete barriers, fixed sign supports, crash cushions, and other work zone devices not meeting the definitions of Category I or II shall meet NCHRP 350 crash test requirements. However, the Permittee may use category III devices originally purchased prior to October 1, 2002 in accordance with Table 1. The Permittee, or their contractor, shall obtain and make available upon request, the manufacturer's written NCHRP 350 FHWA Acceptance Letter for each type of category III device or shall certify that the category III device was originally purchased prior to October 1, 2002.

Work zone devices that do not meet NCHRP 350 requirements shall not be used after the phase out date.

FHWA Acceptance Letters for Category II or Category III Work Zone Devices may be accessed through the FHWA website at http://safety.fhwa.dot.gov/roadway_dept/road_hardware/wzd.htm.

**Table 1
 Phased Implementation of Work Zone Devices**

WORK ZONE DEVICES	COMPLIANCE DATE	PHASE OUT DATE
Category I	October 1, 1998 for new installations.	N/A
Category II	October 1, 2000 for new installations. Existing devices may be used until service life is exhausted or until phase-out date, whichever comes first.	All devices must be in compliance by January 1, 2006 .
Category III	October 1, 2002 for new installations. Existing devices may be used until service life is exhausted or until phase-out date, whichever comes first. Exceptions: (see below)	All devices shall meet NCHRP 350 compliance by January 1, 2006 .
Category III Exception: Temporary Concrete Barriers - New Standard: Type 7 F-shape	Units manufactured and purchased after October 1, 2002 must meet new standard.	N/A
Category III Exception: Truck-mounted Attenuators & Work Zone Crash Cushions	October 1, 1998 for new installations	NA

For additional information, please contact your regional CDOT permitting office (contact information available at <http://www.dot.state.co.us/UtilityProgram/Contacts.cfm>), or the Safety and Traffic Engineering Branch, 4201 East Arkansas Avenue, EP 770, Denver, CO 80222-3400, (303) 757-9368.