



Please read the following key points when the FHWA grants an approval on a product.

The Federal Highway Administration product acceptance is not an approval of a product, but only a public service which indicates that in the FHWA's opinion, the product meets the industry standards. In some cases the FHWA has accepted products that have not been physically tested. Only physical testing can prove that a product is truly crashworthy. Do not expose yourself to unnecessary liability without knowing if the product you are using is actually proven crashworthy.

When deciding on a ballastable traffic control product, it is important to know that the product has not only been accepted for use but also tested to the industry crashworthy compliance standards.

**NCHRP 350 Testing Comparison & FHWA acceptance of Water Filled Barriers and Barricades**  
 \* signifies NCHRP 350 testing and FHWA acceptance

Barrier/barricade model	Barrier wall TL-2	Barrier wall TL-3	End Treatment	Longitudinal Channelizer	Type III Barricade	Barricade	Temp. Sign Support
<b>Yodock 2001 (46" tall)</b>	*	*		*	*	*	*
FHWA acceptance letters	B-97	B-97		WZ-106	WZ-107	WZ-107	WZ-127
<b>Yodock 2001M (32" tall)</b>	*			*	*	*	*
FHWA acceptance letters	B-97			WZ-106	WZ-107	WZ-22,107	WZ-127
<b>Triton</b>	*	*	*				
FHWA acceptance letters	B-48	B-48	B-48				
<b># Guardian</b>	*	*					
FHWA acceptance letters	B-34e	B-34e					
<b>Multi Barrier MB2</b>						*	
FHWA acceptance letters						WZ-08	
<b>Maps 1500</b>							
FHWA acceptance letters							
<b>## Roadguard</b>	*	*					
FHWA acceptance letters	B34C	B34C					
<b>Rhino Barrier</b>	*						
FHWA acceptance letters	B101						

TESTING AND APPROVAL CLASSIFICATIONS:

- **Barrier Wall TL-2:** NCHRP 350 crash test standards for longitudinal barrier wall on 45 MPH posted speed zones.
- **Barrier Wall TL-3:** NCHRP 350 crash test standards for longitudinal barrier wall on 62 MPH posted speed zones.
- **End Treatment:** NCHRP 350 crash test standards for crash cushion placed on the end of a rigid object.
- **\* Long. Channelizer:** Proposed subsection of Barricades in the MUTCD. Proposed section# 6F.63
- **Type III Barricade:** NCHRP 350 crash test standards for barricades, particularly TYPE III barricades.
- **Barricade:** NCHRP 350 crash test standards for work zone traffic control devices.
- **Temporary Sign Support:** NCHRP 350 crash test standards for temporary sign supports.

# The only Guardian model that has been NCHRP 350 tested is the former Yodock model 007. Although other Guardian models, have been FHWA accepted, they have not been physically crash tested to NCHRP 350 standards.

**## Roadguard has never performed physical crash testing. The FHWA acceptance is based on the Guardian tests, although there are significant design differences.**

<http://safety.fhwa.dot.gov/fourthlevel/hardware/listing.cfm#top>

<http://safety.fhwa.dot.gov/fourthlevel/hardware/wzd.htm>

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