



430 N. Varney Street • Burbank, CA 91502 • (818) 841-2182 • Fax (818) 841-5096

**“Certificate of Crashworthiness”  
Category 1 Crashworthy Traffic Control Device(s)**

**Three D Traffic Works, Inc.**  
430 N. Varney Street  
Burbank, CA 91502  
(818) 841-2182 • Toll Free (877) 843-9757  
Fax (818) 841-5096

**Certificate No. WZ-54 GEN 1 3D**

**Item(s) to Certify:** TD2200 Works Barricades: Injection Molded Plastic Panels  
with Galvanized Metal Legs, Type I & II.  
TD2250 Works Barricades: Extruded Plastic Panels  
with Galvanized Metal Legs, Type I & I.  
TD2300 Works Barricades: Painted Wood Panels  
with Galvanized Metal Legs, Type I & II.

**Statement of Self-Certification**

All TD2000 Series model barricades manufactured at our location (noted above) are accepted for use on the National Highway System (NHS) as governed by the Federal Highway Administration (FHWA) based on facts presented in Acceptance Letter WZ-54 including but not limited to barricades manufactured with wood rails or plastic rails with steel, galvanized legs in Type I or Type II varieties.

**Basis for Certification**

TD2200, TD2250 and TD2300 model barricades manufactured by Three D Traffic Works, Inc. meet the Federal Highway Administration (FHWA) NCHRP-350 requirements and are considered acceptable for use as Test Level 3 devices on the National Highway System (NHS). As noted in FHWA Acceptance Letter WZ-54, items manufactured that conform to designs and specifications already tested and certified by the FHWA meet the requirement that the device is in fact, considered a crashworthy device under NCHRP Report-350. TD2200, TD2250 and TD2300 model barricades conform to the same specifications and designs of those barricades noted in FHWA Acceptance Letter WZ-54.



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**Specification and Design**

As noted in FHWA Acceptance Letter WZ-54, Type I and Type II barricades with wood panels and galvanized legs shall be 13mm thick plywood, no more than 914mm in length, with a maximum of 203mm for the bottom panel and maximum 305mm as a top panel width. Legs shall be no heavier than 12 gauge galvanized steel. The height of the barricade shall be an 1156mm maximum. As shown in the attached drawing (to be further known as Exhibit A) of the Model TD2300 Works Type II wood and metal barricade, it is shown that this model meets all specifications for generic crashworthy barricades in FHWA Acceptance Letter WZ-54.

As noted in FHWA Acceptance Letter WZ-54, Type I and Type II barricades with plastic panels and galvanized legs shall be at least 13mm thick plastic, no more than 914mm in length, with a maximum of 203mm for the bottom panel and maximum 305mm as a top panel width. Legs shall be no heavier than 12 gauge galvanized steel. The height of the barricade shall be an 1156mm maximum. As shown in the attached drawing (to be further known as Exhibit B) of the Model TD2200 Works Type II plastic and metal barricade, it is shown that this model meets and exceeds all specification for generic crashworthy barricades in FHWA Acceptance Letter WZ-54.

As noted in FHWA Acceptance Letter WZ-54, Type I and Type II barricades with plastic panels and galvanized legs shall be at least 13mm thick plastic, no more than 914mm in length, with a maximum of 203 for the bottom panel and maximum of 305mm as a top panel width. Legs shall be no heavier than 12 gauge galvanized steel. The height of the barricade shall be 1156mm maximum. As shown in the attached drawing (to be further known as Exhibit C) of the Model TD2250 Works Barricade, it is shown that this model meets and exceeds all specification for generic crashworthy barricades in FHWA Acceptance Letter WZ-54.

Signed

September 15, 2000

Date of Issue

National Sales Manager

Title of Authorized Person's Signature

This shall not be reproduced except in full. This would be to include this certificate as well as Exhibits A, B and C, and FHWA Acceptance Letter WZ-54.