

**LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SPECIFICATIONS**

**SAFETY PRODUCT
WATER FILLED BARRIER PANELS**

DESCRIPTION:

This specification sets forth the requirements for category III water filled barriers to be used to as a temporary barrier in highway construction and work zones.

REQUIREMENTS:

Product ID 56821 – Water Filled Barrier Panel, Orange

Product ID 56822 – Water Filled Barrier Panel, White

The portable water filled barrier panels shall provide a positive protection system and be crashworthy. Devices must be individually crash tested in accordance with Test Level 2 crash testing of NCHRP 350 or MASH requirements and have an FHWA Work Zone letter of approval to verify compliance.

CONSTRUCTION:

Barrier shall be available in white and orange.

Each barrier section shall be constructed of a lightweight, low density, polyethylene plastic with UV stabilizers and an internal galvanized steel framework. Sections shall be designed to accept at least 145 gallons of water and include a release valve and fill level indicator. Barriers must also include forklift openings.

Barrier sections shall measure (pin to pin) approximately 77” in length, 20” in width and 32” in height. Approximate weight of an empty section shall be 99 lbs. and the approximate weight when filled with water shall be 1,312 lbs.

Barrier sections shall also be equipped with a galvanized steel cable measuring approximately ½” in diameter installed along a recess in the top of the section. Sections shall connect to each other via a connection pin.

BRAND AND MODEL:

Triton Barrier TL-2, or equal.