FRIPP ISLAND PUBLIC SERVICE DISTRICT

PROCEDURES FOR TRUCKS WEIGHING MORE THAN 21 TONS CROSSING THE FRIPP ISLAND BRIDGE

Based on the recommendation of the Fripp Island Public Service District's independent bridge engineers, the following procedures have been created for handling trucks over 21 tons that wish to use the Fripp Island bridge.

Before coming on the island, all trucks over 21 tons must be weighed. This must include total weight plus split weights both front and back. No split weight may exceed 16 tons regardless of length. These weights and the distance between axles must be phoned/faxed into the FIPSD office for approval to cross the bridge. FIPSD will determine the maximum load the truck may carry with every effort made to equalize the weight distribution. Charts in one-ton increments will be utilized for loads from 22 to 31 tons. Loads of 32 tons must be equally balanced with 16 tons in front and 16 tons in back. All charts, including a chart showing where to measure load points, are available on the District website at http://www.fipsd.org/bridgeerosioncontrol.html, or upon request at the District office.

Excessive vehicle loads may require shutting down all other bridge traffic to allow passage. Based on the charts mentioned above, if a load falls into the area where the bridge must be shut down, then the following procedure will apply. The driver must get permission from the FIPSD to pass over the bridge after the truck is weighed and its weight distribution is determined. The truck driver must have a cell phone and call Fripp Island Security when he is at the Hunting Island end of the bridge. Security will send someone across the bridge to check the weight tickets and then stop traffic going off the island and tell the truck driver to proceed. Copies of the weight tickets for all loads over 21 tons will be dropped off at the PSD office.

Loads over 21 tons going off the island that require the bridge to be shut down will have to coordinate with PSD and Security ahead of time so they may arrange to shut off traffic on the North end of the bridge. Due to their short wheelbase, the limit on cement trucks will remain at 21 tons.

Carolina Storage (10 Neil Rd, Beaufort, 843-524-5800) has a 70ft load cell scale and can provide certified weight tickets for a minimal fee. Pilot Travel Center at Exit 5 on Hwy. 95 is able to provide both total and split weight tickets. Truckers must show these weight tickets with dates and descriptions to Security and provide copies to the PSD office. Other certified scales may also be used.

Any loads that do not meet these requirements will be dealt with on an individual basis. Truckers who violate this policy may be fined an appropriate amount.

Fripp Island Public Service District 291 Tarpon Blvd., Fripp Island, SC 29920 Telephone # 843-838-2400 / Fax # 843-838-4900

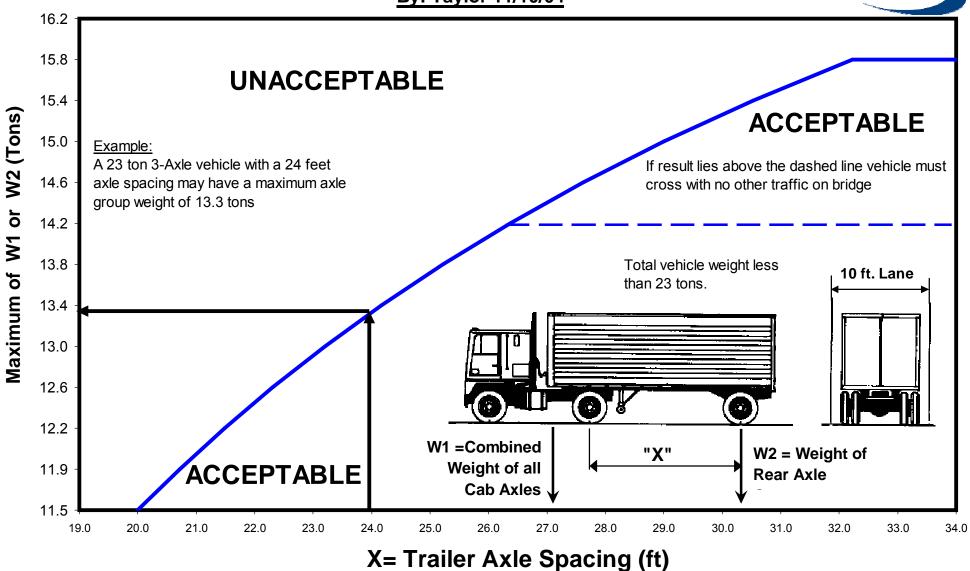
Fripp Island Security—Telephone # 843-838-2334, Fax # 843-838-2101



22 Ton Vehicle Weight - 3 Axle By: Taylor 11/10/04 16.2 15.8 **UNACCEPTABLE** 15.4 ACCEPTABLE Maximum of W1 or W2 (Tons) 15.0 Example: A 22 ton 3-Axle vehicle with a 23 feet If result lies above the dashed line vehicle must 14.6 axle spacing may have a maximum axle cross with no other traffic on bridge group weight of 13.5 tons 14.2 13.8 Total vehicle weight less 10 ft. Lane 13.4 than 22 tons. 13.0 12.6 12.2 11.9 W1 =Combined ACCEPTABLE "X" W2 = Weight of Weight of all 11.5 **Rear Axle** Cab Axles 11.0 18.0 19.0 20.0 21.0 22.0 23.0 26.0 27.0 28.0 29.0 30.0 32.0 33.0 17.0 24.0 25.0 31.0 34.0



23 Ton Vehicle Weight - 3 Axle By: Taylor 11/10/04



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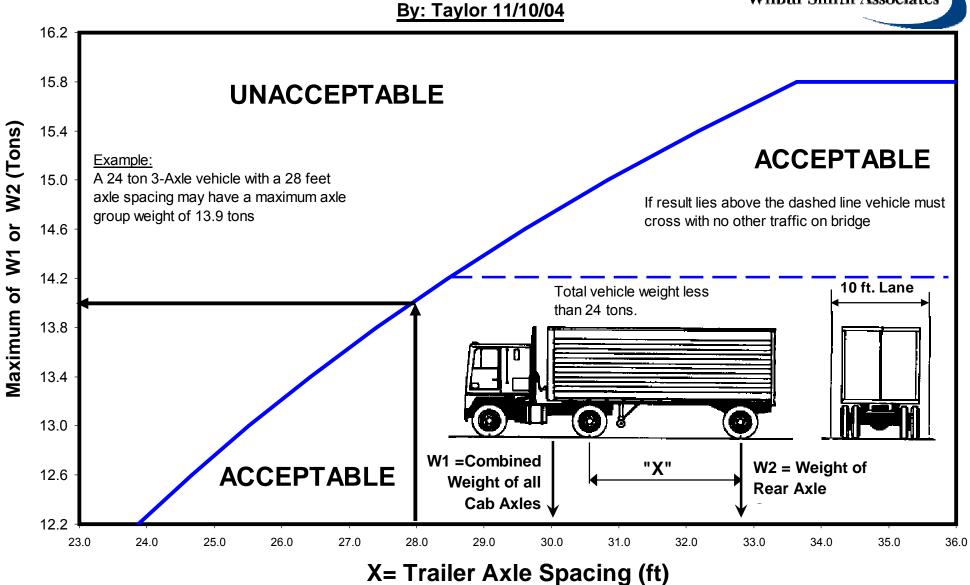


23.7 Ton Vehicle Weight - 3 Axle

By: Taylor 11/10/04 16.2 15.8 **UNACCEPTABLE** 15.4 Maximum of W1 or W2 (Tons) ACCEPTABLE Example: 15.0 A 23.7 ton 3-Axle vehicle with a 26 feet axle spacing may have a maximum axle If result lies above the dashed line vehicle must 14.6 group weight of 13.6 tons cross with no other traffic on bridge 14.2 Total vehicle weight less 10 ft. Lane than 23.7 tons. 13.8 13.4 13.0 12.6 W1 =Combined "X" W2 = Weight of ACCEPTABLE 12.2 Weight of all **Rear Axle** Cab Axles 11.9 21.0 22.0 23.0 24.0 25.0 26.0 27.0 28.0 29.0 30.0 32.0 33.0 34.0 31.0

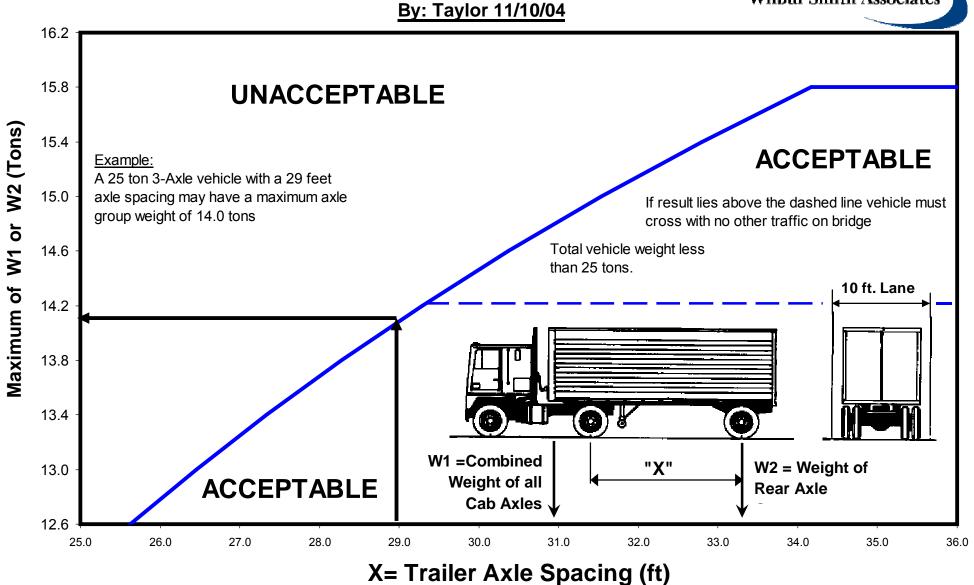


24 Ton Vehicle Weight - 3 Axle

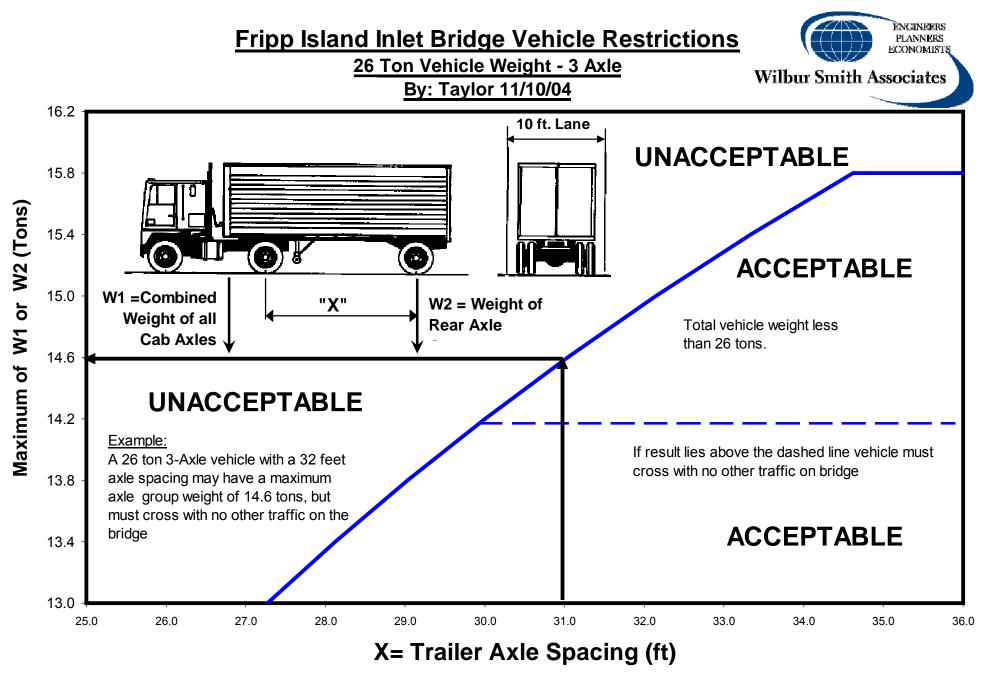


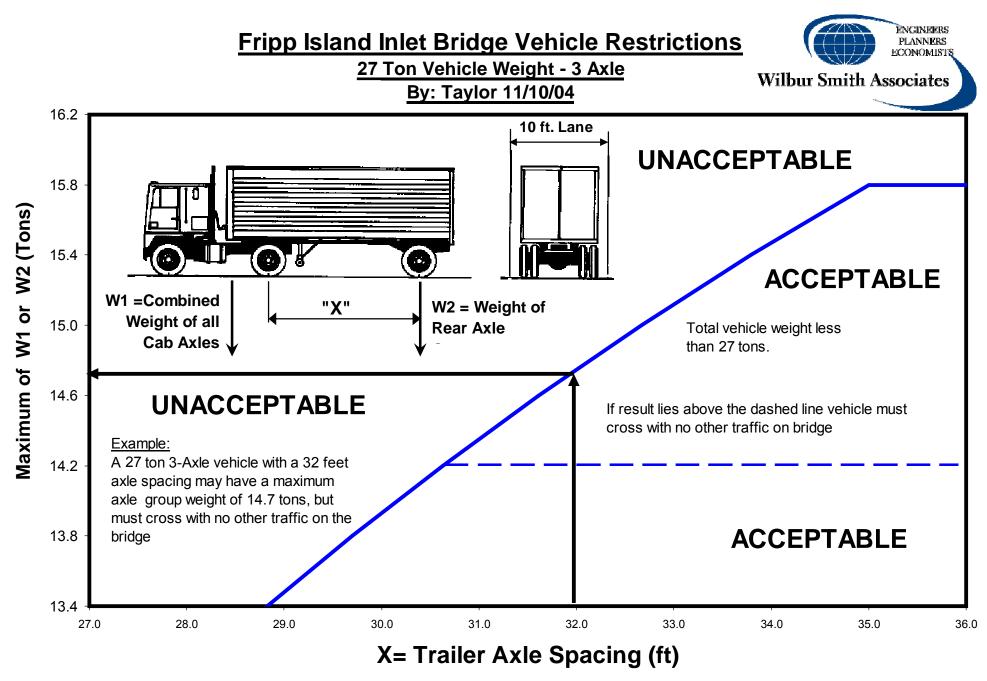


25 Ton Vehicle Weight - 3 Axle



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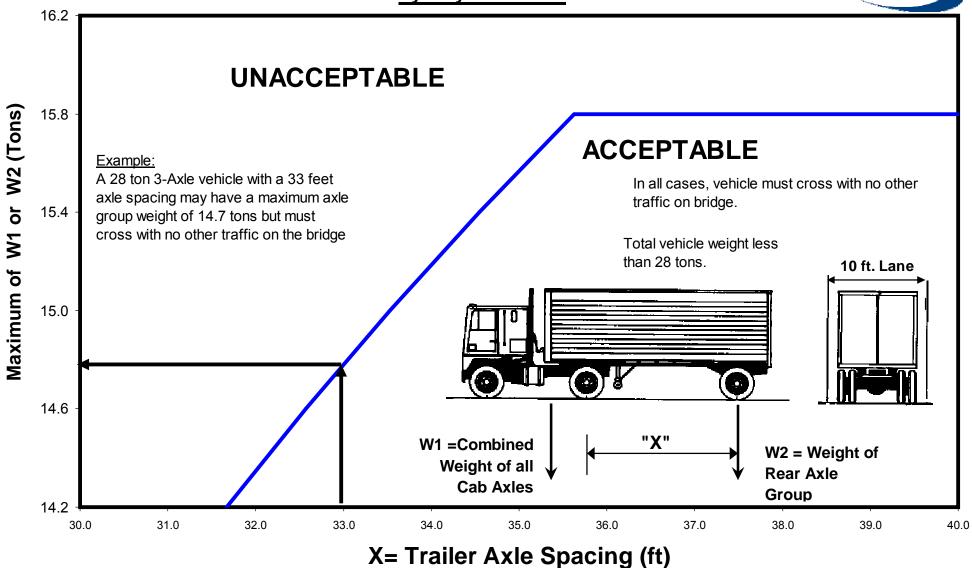


27.6 Ton Vehicle Weight - 3 Axle By: Taylor 11/10/04

16.2 **UNACCEPTABLE** 15.8 Maximum of W1 or W2 (Tons) ACCEPTABLE Example: A 27.6 ton 3-Axle vehicle with a 33 feet 15.4 In all cases, vehicle must cross with no other axle spacing may have a maximum axle traffic on bridge. group weight of 14.8 tons but must cross with no other traffic on the bridge Total vehicle weight less 15.0 than 27.6 tons. 10 ft. Lane 14.6 14.2 "X" W1 =Combined W2 = Weight of Weight of all ACCEPTABLE **Rear Axle Cab Axles** ~~~·~ 13.8 30.0 31.0 32.0 33.0 34.0 35.0 36.0 37.0 38.0 39.0 40.0



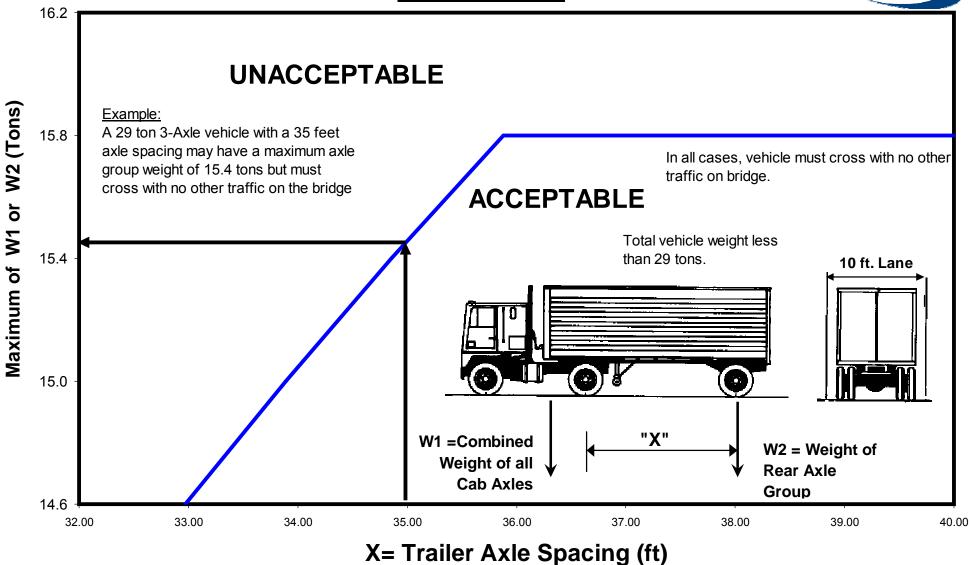
28 Ton Vehicle Weight - 3 Axle By: Taylor 11/10/04





29 Ton Vehicle Weight - 3 Axle

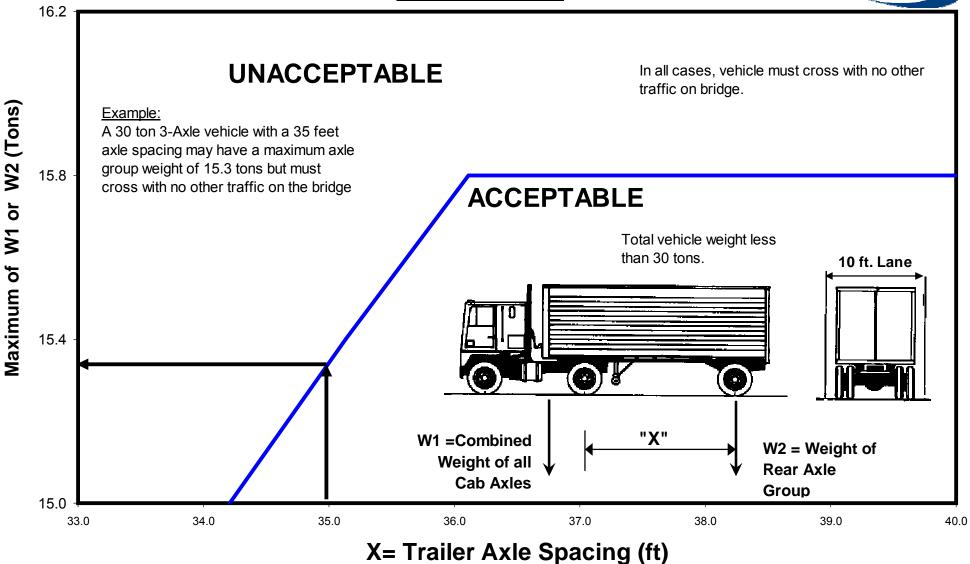
By: Taylor 11/10/04





<u> 30 Ton Vehicle Weight - 3 Axle</u>

By: Taylor 11/10/04



31 Ton Vehicle Weight - 3 Axle



By: Taylor 11/10/04 15.96 Example: In all cases, vehicle must cross with no other A 31 ton 3-Axle vehicle with a 36 feet traffic on bridge. axle spacing may have a maximum axle Maximum of W1 or W2 (Tons) 15.88 **UNACCEPTABLE** group weight of 15.6 tons but must cross with no other traffic on the bridge 15.80 ACCEPTABLE 15.72 Total vehicle weight less than 31 tons. 10 ft. Lane 15.64 15.63 . "X" 15.48 W1 =Combined W2 = Weight of Weight of all **Rear Axle Cab Axles** Group 15.41 36.0 37.0 38.0 39.0 40.0 35.0

