

Newport/Pell and Mount Hope Bridge

Application for Overweight / Overwide Vehicle Crossing

January 2017

Guidelines for Application for Overweight Vehicle Crossing

1. Prior to crossing, an application must be submitted for all overweight / overwide vehicles by using the RITBA Permit Application for Overweight / Overwide Vehicles. The application must be submitted to the RITBA a *minimum* of 2 business days prior to the crossing.
2. Applications can be downloaded from the RITBA website, at www.ritba.org, or emailed to the requesting party by calling the RITBA business office at (401) 423-0800.
3. Completed applications should be faxed to the RITBA business office at (401)-423-0830, emailed, or completed online.
4. RITBA will review the application, and if the application is approved, we will collect the permit cost to be paid based on the weight. RITBA will identify whether an escort or other special crossing conditions are required (maximum travel speed, travel lane to be used, timing of crossing, etc.).
5. If the evaluation of the loads and axle configuration identifies that the application cannot be approved or the load is too wide, RITBA will advise the applicant. The applicant may submit a revised application with reduced axle loads and/or changes in axle configurations for consideration by the RITBA.
6. Permit will be approved once the proper fee is collected.

Overwide load: \$15.00

Overweight load:

Pounds:	80,000 – 90,000	90,001 - 110,000	110,001 – 130,000	130,001 – 160,000
Fee:	\$20.00	\$30.00	\$40.00	\$50.00

7. If an escort is required by the RITBA for the crossing, the escort must be provided and coordinated by the applicant.
8. The overweight / overwide vehicle will require assistance at the toll plaza prior to crossing and should stop at the *far right lane* of the toll plaza. The approved permit will be collected and the bridge employee will allow for passing through the toll plaza. Please note, if you do not have an E-Z Pass, the driver must be able to pay the toll and/or collect an unpaid toll fee slip.
9. It is imperative that Overwide vehicle drivers call *at least* 24 hours to crossing to ensure that there are no lane closures on the bridge. Additionally, please call the toll plaza supervisor's office *at least* 30 minutes prior to arrival. They can be reached at (401) 423-0803.

Guidelines for Newport/Pell Bridge Axle Loads and Configuration Limitations for Overweight Vehicle Crossing Applications

The governing effects of vehicles on the bridge are the axle loads, the spacing of the axles, and the number of axles spaced closely together (axle groups). Therefore, a heavier gross weight vehicle with more axles may be within the capacity of governing bridge elements, whereas a lighter vehicle with fewer axles may not be. The axle configuration is always required with the overweight permit application. Heavier axle loads can be permitted to cross the bridge under restrictions on speed and isolation from other live loads through the use of escorts. Impact loads of the vehicle (associated with the speed of travel) and the proximity of other live load(s) on the bridge are significant factors to be considered.

Guidelines for axle groups that identify the maximum axle load for the number of axles at a given spacing are provided for use, on the next page, for the Overweight Vehicle Crossing Permit application. The maximum axle loads indicated on the sketches and table guidelines are based on the reduced capacity of some of the roadway support elements that are currently under repair. There is a column in the table indicating the maximum axle load for an escorted vehicle keeping traffic 500 feet behind and traveling at a maximum speed of 10 MPH. Another column shows the maximum axle loads for an unescorted vehicle traveling at the posted speed limit of 40 MPH. These tables are intended as a guideline only to aid applicants in distributing their loads in configurations that meet the requirements to obtain an Overweight Vehicle Crossing Permit from the RITBA. However, each application is unique and will be examined individually by the RITBA before approval.

NEWPORT/PELL BRIDGE OVERWEIGHT VEHICLE CROSSING APPLICATION GUIDE TO MAXIMUM ALLOWABLE AXLE CONFIGURATIONS JANUARY 2017

1. Maximum single axle of 32,000 Pounds
2. Maximum total load per 20'-0" of vehicle length = 84,000 Pounds
3. For maximum axle loads for sample axle groups see Tables 1 through 3
4. Escorted vehicles keep other traffic 500 feet behind the overweight vehicle and restrict the crossing speed to 10 MPH
5. Each permit application is unique and needs to be evaluated individually
6. All commercial vehicles with a GVW over 26,000 pounds are restricted to travel in the RIGHT outside lane ONLY at the Newport Pell Bridge

TABLE 1 - TWO AXLE GROUP LIMITATIONS			
No other axles within 15'-0"			
	Axle Spacing X	Maximum Axle Load P Escorted Vehicle Travelling at 10 MPH (Pounds)	Maximum Axle Load P Unescorted Vehicle Travelling at 40 MPH (Pounds)
			
<p>Axle group with two axles spaced "X" feet apart and no other axle within 15 feet.</p>	4'-0"	23,500	22,000
	4'-6"	24,000	23,000
	5'-0"	26,000	23,500
	5'-6"	26,500	24,000
	6'-0"	27,000	24,500
	7'-0"	28,000	25,000
	8'-0" to 13'-0"	29,000	26,000
	14'-0"	N/A	32,000

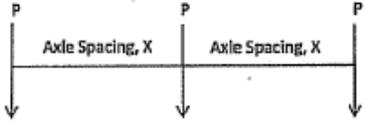
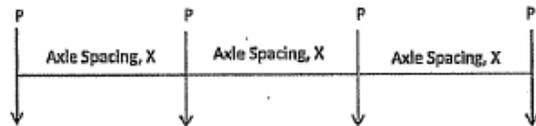
TABLE 2 - THREE AXLE GROUP LIMITATIONS			
No other axles within 10'-0"			
	Axle Spacing X	Maximum Axle Load P Escorted Vehicle Travelling at 10 MPH (Pounds)	Maximum Axle Load P Unescorted Vehicle Travelling at 40 MPH (Pounds)
			
<p>Axle group with three axles at "X" feet spacing and no other axle within 10 feet.</p>	4'-0"	18,500	17,000
	4'-6"	19,000	18,000
	5'-0"	20,500	18,500
	5'-6"	21,500	19,000
	6'-0"	22,500	19,500
	6'-6"	23,000	20,000
	7'-0"	24,000	21,000
	7'-6"	25,000	22,000
	8'-0" to 13'-0"	26,000	23,000
	14'-0"	N/A	32,000

TABLE 3 - FOUR AXLE GROUP LIMITATIONS			
No other axles within 8'-0"			
	Axle Spacing X	Maximum Axle Load P Escorted Vehicle Travelling at 10 MPH (Pounds)	Maximum Axle Load P Unescorted Vehicle Travelling at 40 MPH (Pounds)
			
<p>Axle group with four axles at "X" feet spacing and no other axle within 8 feet.</p>	4'-0"	16,000	14,000
	4'-6"	17,000	15,000
	5'-0"	18,000	16,000
	5'-6"	20,000	17,000
	6'-0"	21,000	18,000