

NEWPORT/PELL BRIDGE OVERWEIGHT VEHICLE CROSSING APPLICATION GUIDE TO MAXIMUM ALLOWABLE AXLE CONFIGURATIONS JANUARY 2016

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 style="text-align: center;">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

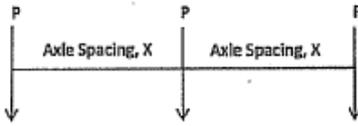
TABLE 2 - THREE AXLE GROUP LIMITATIONS No other axles within 10'-0"			
	Axle Spacing X	Maximum Axle Load P Escorted Vehicle Travelling at 10 MPH (Pounds)	Maximum Axle Load P Unescorted Vehicle Travelling at 40 MPH (Pounds)
 <p style="text-align: center;">Axle group with three axles at "X" feet spacing 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 style="text-align: center;">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