Over Dimension Permitting
• What is an Over-Dimension permit?
• Who needs a permit?
• Statutes and Rules.
• Types of permits.
• Annual Permits.
• Single Trip permits.
• Road and Bridge Restrictions.
• Weight.
• Overall Length.
• Width.
• Height.
What is an over-dimension permit?

This is a variance permit that allows a motor carrier to safely move a load and avoid mishaps like what is pictured below. This variance permit:

- Is for loads or combinations that exceed the maximum size and/or weight limits in statute.
- Can be for a single trip or continuous operation.
- Spells out conditions for moving the load, including routes taken.
Who needs a permit?

Truckers need a permit when the vehicle combination exceeds maximum size and/or weight limits, or when any one of the following applies to a single, non-divisible load:

- Width of the load or hauling equipment exceeds 8 feet, 6 inches.
- Height of vehicle or vehicle combination and load exceeds 14 feet.
- Any single axle weight exceeds 20,000 pounds. Any tandem axle weight exceeds 34,000 pounds. Gross combination weight exceeds 80,000 pounds.
- Front overhang exceeds 4 feet beyond the front bumper of the vehicle.
- Load greater than 40 feet, exceeding 5 feet beyond the end of the semi-trailer, or load less than or equal to 40 feet, exceeding 1/3 of the wheelbase of the combination, whichever is less.
- Gross weight of a group of axles exceeds those set forth in the legal weight tables – Permit Weight Tables 1 or 2.
- Vehicle combination length exceeds those authorized on the reverse of Group Map 1.
Oregon Revised Statutes Chapter 818 – Vehicle Limits

**WEIGHT**

818.010 – Maximum allowable weight
818.012 – Wheel load on vehicles
818.020 – Violating maximum weight limits; civil liability; penalties
818.030 – Weight limit exemptions
818.040 – Violation of posted weight limits; civil liability; penalties
818.050 – Exemptions from posted weight limits

**WEIGHT AND SIZE**

818.060 – Violation of administratively imposed weight or size limits
818.070 – Administratively imposed weight or size limit exemptions

**SIZE**

818.080 – Maximum size limits
818.090 – Violation of maximum size limits; civil liability; penalties
818.100 – Size limit exemptions
818.105 – Request for unrestricted access to specified highway for overlength combination; mandated responses to request

**VEHICLE COMBINATIONS**

818.110 – Exceeding maximum number of vehicles in combination
818.120 – Exemptions from limits on number of vehicles in combinations

**POSTED USE LIMITS**

818.130 – Violation of posted limits
818.140 – Posted use limit exemptions
ORS Chapter 818 – Vehicle Limits (continued)

PERMITS

818.200 – Authority to issue variance permits; effect of permit; violation of permit
818.205 – Continuous operation variance permit; standards; relationship to permit under ORS 818.200; fee
818.210 – Limits on authority to issue variance permit
818.220 – Requirements, conditions and procedures for issuance of variance permit; duration; cancellation; rules
818.225 – Road use assessment fee for single-trip non-divisible load; definition of “equivalent single-axle load”; rules
818.230 – Sifting or leaking load permit; duration; fee
818.235 – Permit for wide hay bale load

818.240 – Dragging permit; fee
818.250 – Permit for fire company warning lights
818.260 – Permit for use of bus safety lights on certain buses; rules; fee
818.270 – Fees for permits

PERMIT OFFENSES

818.300 – Operating with sifting or leaking load; civil liability; penalty
818.310 – Exemptions from prohibition on sifting and leaking load
818.320 – Dragging objects on highway; civil liability; penalty
818.330 – Exemptions from prohibition on dragging objects on highway
818.340 – Operating in violation of variance permit; exception; civil liability; penalties
818.350 – Failure to carry and display variance permit; penalty
Oregon Administrative Rules Chapter 734 – Transportation Operations

Division 17 – Traction Tires and Traction Devices on State Highways
Division 50 – Highway approach Roads, Crossings, Access Control and Weight Restrictions
Division 70 – Vehicle Weight and Dimension Limits – Permits
Division 71 – Lengths of Vehicles, Loads and Combinations in Operation Without Need of Special Permit
Division 71 – Tables 1 and 2 – Maximum Length Vehicles or Combinations on Groups 1, 2 and 3 Highways and Maximum Length for Map 7 Routes
Division 72 – Telephonic Application and Self-Issuance of Permits for Oversize / Overweight Vehicles and Loads
Division 73 – Special Size and Weight Rules for Combinations Required by Federal Law or Allowed by State Permit
Division 74 – Issuance of Permits for Combinations Over 80,000 Pounds
Division 75 – Over-Dimensional Mobile Homes and Modular Building Units
Division 76 – Tow Cars Towing Oversize Disabled Vehicles or Combinations
Division 77 – Food Processing Plant By-Products with Fluid Leakage
Division 78 – Overlength Logs, Poles, Piling, and Structural Members
Division 79 – Permit Exemptions
Division 82 – Permits for Non-Divisible Loads and Road Use Assessment Fees
Types of Permits

- **Annual** — A Continuous Trip Permit that allows for exceeding legal dimensions or weights — overwidth, overlength, overheight, overweight. Valid for approved routes, dimensions, and weights. Third Party Agents in addition to CCD staff issue these permits. Most permits may also be ordered online.

- **Single Trip** — Primarily issued to exceed annual permit dimensions/weights or to authorize routes that are not covered by the annual permit. These also include "Superload" permits.
Annual Permits

• Good for one year for unlimited trips. May involve loads that are overwidth, overlength, overweight, and/or overheight.

• Permits come with multiple maps and attachments that provide authorized dimensions, weights, routes, and requirements, such as pilot vehicles, travel time restrictions, oversize signs, etc.

• Many annual permits cover travel on both state highways and county roads.

• Most are issued by third party agents, although our CCD Over-Dimension Permit Unit issues all that are needed for government-plated vehicles.
Single Trip Permits

- **Weight** – Weight Tables 1 through 5 and Bridge Review.
- **Overall Length** – [Group Map 1](#), [Route Map 7](#).
- **Width** – [Route Map 2](#).
- **Height** – [Route Map 3](#) and Electronic Routing Manual (ERM).
- **Road and Bridge Restrictions** – [Map 8](#) and [Restriction List](#).
Road and Bridge Restrictions:

Road and bridge restriction lists are checked for any temporary width or height restrictions, ramp or road closures, or weight restricted bridges.

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**Interstate Routes**

**1-5 SB on-ramp from OR273 SB (Ashland)**

Effective **July 22, 2021**, the I-5 southbound on-ramp from OR273 southbound will be intermittently closed Sunday through Thursday nights between the hours of 7 PM & 7 AM. The estimated completion date for this project is **August 12, 2021**.

**1-5 SB on-ramp from OR273 at Exit 6 (Ashland) -- UPDATE --**

Effective **April 14, 2021**, the I-5 southbound on-ramp from OR273 at Exit 6 will be intermittently closed at all hours. The estimated completion date for this project is **October 1, 2021**.

**1-5 NB MP 5.39 (Ashland)**

Effective **May 20, 2021**, this section of I-5 northbound will be intermittently restricted to 18 feet 8 inches in height. Over 18 feet 8 inches in height will be accommodated on a case-by-case basis. Contact the Oregon Department of Transportation for information. The estimated completion date for this project is **October 1, 2021**.

**Garfield St/Highland Dr (Medford) -- UPDATE --**

Southbound Exit 27 off-ramp to Garfield Street/Highland Drive will be intermittently closed at all hours. Mobile homes with a width not exceeding 14 feet 00 inches in width will be accommodated on a case-by-case basis. Contact the Oregon Department of Transportation for information. The estimated completion date for this project is **May 14, 2021**.
**Weight Table 1 and 2 – Legal Axle Weights**

**PWT-1:**
- 600 pounds per inch of tire width,
- 20,000 pounds single axle,
- 34,000 pounds tandem
- 80,000 pounds gross weight.

**PWT-2:**
- 600 pounds per inch of tire width,
- 20,000 pounds single axle,
- 34,000 pounds tandem
- 105,500 pounds gross weight.

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### Permit Weight Table 1

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<th>Minimum Axle Spacing Required</th>
<th>Number of Axles</th>
<th>Weight (pounds)</th>
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### Notes
- The maximum axle load is the lesser of the two values as shown.
- The manufacturer's rated load is not to exceed 600 pounds per inch of tire width.
- 400 pounds per inch of tire width for single axles.
- 600 pounds per inch of tire width for tandem axles.
- 20,000 pounds for any one axle.
- 34,000 pounds for any tandem axle.
- The sum of the permissible axle, tandem axle, or group of axle weight shown above, whichever is less.
**Weight Table 3 and 4 – Heavy Haul Weight**

**PWT-3:** Annual, continuous operation permits based on Table 3 allow up to 98,000 pounds for non-divisible loads. Maximum weight for single-trip permits is based on the number of axles and wheelbase. Other maximums: 600 pounds per inch of tire width, 21,500 pounds per single axle, 43,000 pounds per tandem axle, the weight shown on the over-dimension permit and the sum of the permittable axle, tandem axle, or group axle weight, whichever is less.

**PWT-4:** Maximum weight for Table 4 permits is based on the number of axles and wheelbase. Table 4 allows for more weight using a shorter wheelbase than that authorized by Table 3. Other maximums: 600 pounds per inch of tire width, 21,500 pounds per single axle, 43,000 pounds per tandem axle, the weight shown on the over-dimension permit and the sum of the permittable axle, tandem axle, or group axle weight, whichever is less.
Weight Table 5 and **PWT-5** by Formula – Heavy Haul Weight

This table is for certain specific configurations only, commonly a truck-tractor with jeep and semi-trailer and booster. It provides for up to 48,000 pounds per tandem axle if the combination has at least 9 axles, with a steer axle followed by four consecutive tandem axles that are 8 feet wide (standard). Or up to 52,800 pounds per tandem if the combination has 10 feet wide axles with 4 tires per axle. Or up to 60,000 pounds per tandem if the combination has 10 feet wide axles with 8 tires per axle.

- **Standard axle with dual tires on each side.**
- **Trunnion axle with four tires on each side.**
Bridge Reviews
Permit requests for weights exceeding what is authorized under Division 82 – exceeding Permit Weight Table 5 – may be reviewed on a case-by-case basis by ODOTs Bridge Unit.
Overall Length

**Group Map 1** and **Route Map 7** show overall length limits for different combinations of equipment.
**Width**

*Route Map 2* is used for determining the pilot vehicles required for overwidth loads, in conjunction with pilot vehicle charts shown on attachments 70A, 75A, and 82A, and to identify Certified Flagger/Rolling Stop structures.

This map is also used to denote annual routes for unladen heavy haul combinations (w/jeeps and/or booster).
**Height**

*Route Map 3* displays the authorized routes for loads non-divisible in height, over 14 feet and up to a maximum of 14 feet 6 inches.

Electronic Routing Manual (ERM): is the database used by analysts to review height information for all structures over (and under) state and interstate highways.