

ATTACHMENT 70A



SPECIAL TRANSPORTATION PERMIT ATTACHMENT 70A

Please read this permit carefully! Corrections must be made before the movement begins. Once the permit is accepted, all permit requirements and conditions must be met. Contact (503) 373-0000 for oversize and/or overweight permits and information.

To operate in Oregon, tax and registration requirements must also be met. The vehicle's registered weight and tax declared weight for Oregon must reflect the highest weight operated under this permit. Contact ODOT MCTD Registration at (503) 378-6699 for information.

Permittee and Driver Responsibility - You are responsible and liable for any and all injury to persons or damage to property and all damage to or destruction of any highway or any highway structure resulting from the oversize or overweight movement. You are responsible for determining adequate clearance, both vertical and horizontal, for movement under this permit. You may be required to furnish proof of liability and property damage insurance and to file either a certified check or a surety bond as deemed necessary.

The driver is responsible for complying with all applicable Oregon laws in addition to all permit requirements and provisions. It is the driver's responsibility to determine if local road conditions are hazardous, unless the Department of Transportation has closed or posted signs on the highway displaying restrictions due to weather/road conditions in the area. In such cases the permitted vehicle must leave the highway at the next available exit, truck stop, rest area, or next available safe parking place and shall not proceed until the hazardous condition abates. **Drivers must enter an Oregon scale** when directed to do so by an open sign. **If the vehicle is equipped with a transponder** and you are transporting an oversize/overweight vehicle or load, you must enter the open scale regardless of receiving a green light.

This permit is not valid for vehicles licensed, or which can be used as recreational vehicles as defined by ORS 446.003(36), or to any combination of more than two vehicles not used exclusively for commercial purposes and subject to ORS Chapters 823 and 825.

This permit is valid for the time period specified on the permit, which may be up to one year from the effective date. The department may cancel a permit if the permit holder violates any permit terms or conditions, obtained it improperly or if public interest requires cancellation.

Legal height in Oregon is 14 feet 0 inches and legal width is 8 feet 6 inches. This permit is not valid for oversize caused by items loaded side by side or overlapping, items stacked one on top of another, or loaded end to end, unless specifically authorized on the permit. This permit is not valid for weight in excess of that allowed by ORS 818.010 when items are loaded in multiple unless specifically authorized on the permit.

Loads extending beyond the rear of the load-carrying part of the vehicle 4 feet or more shall be visibly marked with a red/fluorescent orange flag not less than 18 inches square attached to the outermost extremity of the load during daylight hours. The attachment device shall not extend beyond the rear of the load more than 3 inches. End load lights described in ORS 816.290 are required for operation when visibility is less than 500 feet due to darkness, snow, mist, rain, dust, smoke, fog or other atmospheric conditions.

Manufacturer's Gross Vehicle Weight Rating (GVWR): In no instance may the vehicle combination exceed the manufacturer's GVWR for the vehicle or the vehicle combination and load. See vehicles towing Manufactured Homes, Mobile or Modular Units.

Highways or structures may be posted to reduce size or weight limits. Drivers shall not exceed posted load limits regardless of the weights or sizes authorized by this permit.

Spacing Interval - The convoy movement of two or more vehicles required to display oversize, long load or wide load signs is strictly prohibited, unless specifically authorized on the permit. All slow-moving lanes and turnouts must be used to allow following traffic to pass. Except when overtaking or passing, a distance of one-half mile shall be maintained between combinations traveling in the same direction.

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This permit does not authorize the use of detour routes unless your permit specifically allows the use of the route at the size and weight of your load and vehicle(s). Detour routes are temporary routes that are established primarily for legal size and legal weight vehicles. You must contact a permit agent and obtain a new permit before continuing your move.

Extended Weight Section

This section of Attachment 70A applies only to vehicle combinations transporting loads which are reducible or can be readily dismantled and which may have a gross weight of more than 80,000 pounds.

The minimum speed for permitted vehicle combinations must be within 20 miles per hour of the posted truck speed. On steep grades where a minimum speed within 20 miles per hour of the posted truck speed cannot be maintained, the combination of vehicles shall activate 4-way flashers.

Speeding is a permit violation. Combinations of vehicles authorized by these rules may not exceed the posted speed or basic speed rule laws described in ORS Chapter 811. The penalty for violation of this rule is that provided by ORS 818.420(2).

Power units must be equipped with a tandem drive axle; except:

Power units of doubles placed into service prior to April 1, 1983, may have a single drive axle and operate over 80,000 pounds. Power units of any combination not exceeding 80,000 pounds may have a single drive axle when the permit is issued for length only. Tandem drive axles means two or more axles spaced more than 40 inches but not more than 96 inches apart, neither of which can be raised from the surface of the ground, and where no axle carries less than 40% of the tandem axle weights. Each axle must be equipped with 4 tires. **Exception: May use 2 tires if tire width is a minimum of 15 inches and each axle of the tandem drive axle transmits motive power to the road surface.**

Operating Hours and Days: Vehicles and combinations of vehicles may operate on a 24-hour, seven days a week basis.

Reasonable Access:

- Code of Federal Regulations Title 23, Part 658.19 requires Oregon to adopt provisions for Reasonable Access to terminals. For purposes of these rules, "terminal" means, at a minimum, any location where:
 - (a) Freight either originates, terminates, or is handled in the transportation process; or
 - (b) Commercial motor carriers maintain operating facilities.
- Reasonable access is allowed up to and including one mile on highways intersecting National Network Highways (routes shown in green on Route Map 7), except where specifically prohibited.
- Reasonable access applies only to truck-tractor semitrailers and doubles combinations.

Trailer Lengths:

- The length of a semitrailer in a truck-tractor and semitrailer combination shall not exceed 53 feet. A semitrailer may include an auxiliary axle provided the semitrailer length inclusive of the auxiliary axle does not exceed the maximum allowable length of 53 feet overall.
- The maximum length of any semitrailer or trailer in a truck-tractor with semitrailer and trailer, or doubles type combinations shall not exceed 40 feet. In no instance shall the distance from the front of the first semitrailer to the rear of the second semitrailer or trailer exceed 68 feet.
- The maximum length of any trailer in a truck and trailer combination shall not exceed 40 feet.

Load Lengths:

- The length of any load carried on a semitrailer of a truck-tractor/semitrailer combination shall not extend beyond the rear of the semitrailer by more than 5 feet.
- The length of any load carried on a Double Trailer combination shall not extend beyond the rear of the semitrailer or trailer by more than 5 feet.
- The load length of a Log Truck/Pole Trailer combination is controlled by allowable overall length. The load may not extend forward of rear of cab.
- The length of any load carried on a Truck and Trailer combination may exceed 40 feet providing the load does not extend beyond the rear of the trailer by more than 5 feet and does not extend forward of the rear of the motor truck.

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Authorized Weights:

- The maximum allowable weights for single axles and tandem axles shall not exceed those specified under ORS 818.010(1) and when a group of axles or gross weight is 80,000 pounds or less, the maximum allowable weight shall not exceed those specified under ORS 818.010(3).
- When a group of axles or gross weight is more than 80,000 pounds, the maximum allowable weights shall not exceed those set forth in Permit Weight Table 2, as shown on the permit attachment.
- In no case may gross weight exceed the sum of the permissible axle, tandem axle or group of axle weights, whichever is less.
- In no case may any tire, rim or wheel carry more weight than that specified by the manufacturer of the tire, rim or wheel.

Auxiliary Axles:

Auxiliary axle(s) must be deployed, and distribute the weight of the load or vehicle, when failure to do so results in any tire, axle, tandem axle or group of axles exceeding the weight limits allowed by OAR 734-074-0020. The following conditions apply:

- The controls for the lift axle may be mounted inside the cab of the power unit provided that it limits the axle movement to the complete up or complete down position;
- The control for a variable load, or lift axle, which allows adjustment to increase or decrease loading on
- the vehicle shall not be accessible from the cab;
- The axle must always distribute the load so no axle, tandem axle or group of axles exceeds the legal weight limits or bridge formula limits; and
- The lift axle assembly (including axles, tires, brakes) must be adequate to carry the weight loading.

Splash and Spray Suppressant Devices:

Splash and spray suppressant devices are required for vehicle combinations exceeding 80,000 lbs. when highways are wet, including those surfaces that have rain, frost, ice, sleet or snow.

These devices may consist of but are not limited to the following:

- Air deflectors mounted on the vehicles;
- Fender flaps behind wheels;
- Side flaps over wheels; and
- Water collection type fenders.

See the diagram on Attachment 24 for location of and minimum splash and spray requirements.

Over Width Load Section

This section of Attachment 70A applies only to the movement of an over width non-divisible load or mobile/modular unit.

Refer to separate **Attachment H** for Hauling Hours and Days for Over width Movement.

Weather Restrictions: Movement of a vehicle or combination of vehicles exceeding 8 feet 6 inches in width is prohibited:

- When road surfaces are hazardous due to ice, snow or frost; or
- When visibility is less than 500 feet due to snow, mist, rain, dust, smoke, fog or other atmospheric conditions; or
- When wind conditions exist which cause excessive swaying or weaving, or tip-over of the towed unit, or are such that the towed unit cannot maintain its lane of travel; or
- When the Department of Transportation places signs indicating travel is hazardous.

For Road and Weather advisories call **1-800-977-6368** in state and **1-503-588-2941** out of state.

Modular building units with solid sides or that have open sides covered with a nontearable, cross-laminated polyethylene material are exempt from the wind restrictions unless signs restricting the movement of oversize loads are displayed.

When the hauling equipment exceeds 8 feet 6 inches in width, the load must be non-divisible in width unless specifically authorized on the permit.

Rear-view mirrors are required for vehicles or combinations of vehicles towing or transporting overwidth vehicles or loads that prevent the operator a view to the rear of the vehicle and/or combination of vehicles. Mirrors may exceed width authorized herein by 5 inches on either side, but must be retracted to legal width when vehicle or combination of vehicles and/or load is of legal width.

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Warning Signs: Vehicle(s) transporting a load that exceeds 8 feet 6 inches in width or 80 feet in length are required to display standard signs bearing the words “**OVERSIZE LOAD***.” The signs must be displayed at the front and rear of the solo vehicle or the combination of vehicles.

*Warning signs for vehicles or loads that exceed 8 feet 6 inches in width and are 80 feet or less in overall length, inclusive of load, may bear the words “**WIDE LOAD.**” Signs for vehicles or loads that do not exceed 8 feet 6 inches in width may bear the words “**LONG LOAD**” when the overall length, inclusive of load, exceeds 80 feet. Signs must meet the standards described in OAR Chapter 734 Division 82.

- Signs must be **7 feet wide by 18 inches high** with black letters **10 inches** high with **1-5/8 inches** brush stroke in accordance with Federal Highway Administration series C on highway yellow background.
- The highway yellow background of the sign shall be made of reflectorized material when operating between one half-hour after sunset and one half hour before sunrise (Hours of Darkness).

Signs must be kept in good repair, free from dirt, grease and road film, and be clearly readable to other drivers. The signs shall not cover or interfere with the visibility of the registration plate. To meet this requirement, plates may be mounted to cover a portion of the sign’s background, as long as the sign’s legend remains readable.

Over width loads must be marked at the outermost extremities during daylight hours with red/fluorescent orange flags not less than 18 inches square, visible to the front and rear. The attachment device shall not extend beyond the widest extremity by more than 3 inches on either side. During the hours of darkness lamps must illuminate the outermost extremities or markers as described by the requirements of ORS Chapter 816.

Pilot vehicles may be required to ensure safety during the movement of oversize loads. A single vehicle such as a passenger car, pick-up, motor truck, or truck tractor of legal size and weight may be a pilot vehicle. A pilot vehicle may not tow another vehicle. The pilot vehicle(s) shall be positioned at a distance of 300 feet to 500 feet from the unit. In areas where traffic congestion is encountered, where traffic is controlled by signals, or where other conditions may require, the spacing shall be reduced as may be required to properly safeguard the traveling public. Pilot vehicles are under direct supervision of the towing vehicle operator. **Two-way radio communications** between the oversize vehicle and the pilot vehicle(s) must be maintained at all times.

Pilot vehicles escorting oversize loads or vehicles are required to have the following equipment:

Warning signs mounted above the roofline. The sign shall be at least 5 feet wide by 10 inches high; have black letters 8 inches high with 1 inch brush stroke in accordance with Federal Highway Administration series B, on highway yellow background. Each pilot vehicle operator shall use warning flags to warn oncoming or overtaking traffic when the oversize unit is stopped and obstructing traffic. The warning flags shall be two 18 inches square red flags mounted on 3 feet length staffs. In addition, eight safety flares or reflectors shall be carried in each pilot vehicle.

Pilot vehicles must have warning lights. Warning lights are required in addition to those lights that may otherwise be required by law. The warning lights shall be displayed only during the course of the oversize movement, and at all other times the requirements found in ORS 816.350(7) shall apply. These lights shall be mounted above the roof of the cab, be clearly visible from a distance of 500 feet, have a minimum of 30 flashes per minute and be either:

- Two flashing amber lights as widely spaced laterally as is practical;
- Revolving type amber light(s); or
- Amber type strobe light(s) with 360 degree visibility.

Warning lights for power units when the width exceeds 8 feet 6 inches:

- In addition to any other lights required by law, an overwidth motor vehicle or a vehicle transporting an overwidth load shall be equipped with amber warning lights when the width exceeds 10 feet on a 2-lane or 12 feet on a multi lane highway.
- These lights shall be mounted above the roof of the cab, be clearly visible from a distance of 500 feet, have a minimum of 30 flashes per minute and be either:
 - (A) Two flashing amber lights as widely spaced laterally as is practical;
 - (B) Revolving type amber light(s); or
 - (C) Amber type strobe light(s) with 360 degree visibility.
- An overwidth vehicle or a vehicle transporting an overwidth load is exempt from the warning light requirements when operating with a minimum of two pilot vehicles on all highways.

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PILOT VEHICLES REQUIRED FOR OPERATIONS EXCEEDING 8 FEET 6 INCHES IN WIDTH ON STATE HIGHWAYS*

WIDTH	Interstate and Multilane Highways	Routes shown in Green on Route Map 2	Routes shown in Purple on Route Map 2	Group Map 1 Group 1 Highways	Group Map 1 Group 2 Highways	Group Map 1 Group 3 Highways
08' 07" TO 09'	NONE	NONE	NONE	NONE	ONE	TWO
09' 01" TO 10'	NONE	NONE	ONE	ONE	ONE	TWO
10' 01" TO 11'	NONE	NONE	ONE	ONE	ONE	TWO
11' 01" TO 12'	NONE	NONE	ONE	TWO	TWO	TWO
12' 01" TO 14'	NONE	ONE	TWO	TWO	TWO	TWO

When one pilot vehicle is required, it shall travel in front of the oversize unit except when operating on multilane highways it shall be at the rear of the unit. When two pilot vehicles are required, one shall be in front and one shall be at the rear of the oversize unit. When the number of pilot vehicles specified on the permit is different than the number required above, the permit shall take precedence.

*See county attachments for county pilot vehicle requirements.

Specifically identified locations may require additional precautions. Permit attachments may specify locations that require certified flagging to be conducted. The flagging shall be conducted in accordance with the standards in the Manual on Uniform Traffic Control Devices as adopted in OAR 734-020-0005.

For Unladen Heavy Haul Combinations with jeep and/or boosters operating under Annual Permit, if overall length exceeds 95 feet on purple routes on Route Map 2 a front pilot is required even if the trailer does not exceed legal width.

Heavy Haul Weights

Weights authorized by permit are subject to all the following limits:

- Tires may carry up to 600 pounds per inch of tire width or the manufactured sidewall rating, whichever is less.
- Permits issued for divisible loads or non divisible load authorizing Permit Weight Tables 1 or 2 allow up to a maximum of 20,000 pounds on a single axle and 34,000 pounds on a tandem axle; and authorizes Exceptions 1 & 2 shown on Permit Weight Table 1.
- Permits issued for a non-divisible load authorizing Permit Weight Tables 3 allow up to a maximum of 21,500 pounds per single axle and up to 43,000 pounds per tandem axle.
- All groups of axle weights shall not exceed the sums of the permissible axle weights or the weights allowed by the Permit Weight Table whichever is the lesser of the two.
- Combined gross weight shall not exceed that specified on the permit.
- **Auxiliary axle(s)** must be deployed, and distribute the weight of the load or vehicle, when failure to do so results in any tire, axle, tandem axle or group of axles exceeding the weight limits allowed by OAR 734-074-0020.

“Heavy Haul” is a term used to denote weight(s) for non-divisible loads that exceed those authorized by Permit Weight Table 1 and Permit Weight table 2.

Manufactured, Mobile & Modular Unit Section

This section of Attachment 70A applies only to the movement of a manufactured homes mobile unit or modular building unit.

See specific road authority attachments for authorized routes and maximum dimensions allowed.

WEIGHTS AUTHORIZED BY THIS PERMIT ARE SUBJECT TO ALL OF THE FOLLOWING LIMITS:

Tires are limited to the lesser of the following weights:

- The manufacturer’s side wall tire rating, but not to exceed 600 pounds per inch of tire width; and,
- Not to exceed 20,000 pounds for a single axles and 34,000 pounds for a tandem axle; and,
- The gross weight, and the weight of groups of axles, is subject to the legal table of weights shown in Permit Weight Table 1 on the reverse of Group Map 1; and,
- Mobile homes that are built on or after January 1, 2002, must not be transported on tires loaded beyond the load rating* marked on the sidewall of the tire; and,

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Exception: Mobile homes built before January 1, 2002: Marked with the Federal HUD Label may exceed the load rating* marked on the sidewall of the tire by not more than 18 percent. Additionally, when transported on tires overloaded by 9 percent or more must not be operated at speeds exceeding 80 km/hr (50 mph).

*Note: In the absence of a load rating tire marking, the tire shall not exceed the load rating specified in any of the publications of any of the organizations listed in FMVSS No. 199 (49 CFR 571.119, S5.1(b)).

Toter requirements for manufactured homes, mobile homes or modular building units:

The vehicle towing the mobile home or modular unit must be equipped with dual wheels on the drive axle and shall have enough engine horsepower to maintain minimum speeds of 45 MPH on Interstate highways and 35 MPH on other state highways. In addition, the vehicle towing the unit must have a minimum GVWR of:

- 8,000 pounds when the base width is up to 10 feet or the overall width is up to 11 feet;
- 15,000 pounds when the base width exceeds 10 feet up to 14 feet.
- A minimum of two spare tires must be carried for the unit being towed; they are to be inflated and ready for use.

Vehicles transporting modular building units:

- Must be truck-tractor and semitrailer or trailer combination. Stretch-trailers may be used; however if the stretch-trailer exceeds 53 feet, a single trip permit is required.
- The overall length of the truck-tractor and semitrailer or trailer combination shall not exceed the length authorized by statute or rule when operating unladen.
- Must comply with appropriate state and federal motor vehicle equipment and safety requirements.

Open side covering is required for units transported more than 25 miles.

The material must be a rigid material such as plywood or hardboard. Plastic covering can be used if a grillwork of lumber or other material is used to prevent billowing of plastic material. The grillwork is not required if the open side is covered with plastic made of non-tearable, cross-laminated polyethylene material, provided the material adequately prevents billowing.

Red/Fluorescent Orange Flags – All four lower corners of mobile home and modular units shall be marked with red flags, 18 inches square. The standard or holder may not extend beyond the sides of the unit.

Width (Base/Overall) - Allowed a distance not greater than 2 inches on each side for external appurtenances such as doorknobs, window fasteners, eave cap, clearance lights, and load securement devices.

A mobile home may have an eave if it does not exceed either side by more than 30 inches on state highways or 12 inches on county roads.

Note: If the eave extends more than 24 inches beyond either side of the mobile home base, in addition to all other lights required by law, a clearance light as described in ORS 816.200 shall be mounted on the outermost front and rear corners of the eave.

Towed manufactured/mobile units exceeding 8 feet 6 inches in width shall be equipped with two flashing amber lights mounted on the rear of the unit as widely spaced laterally as practical on a horizontal plane at least eight feet above the road surface. The lights shall have a minimum lens diameter of 6 inches, rated at a minimum of 35 candlepower, and emitting at least 30 flashes per minute.

Long Logs, Poles, Pilings and Structural Member Section

This section of Attachment 70A applies only to the movement of a Long Logs, Poles, Pilings and Structural Members.

Vehicle combinations and requirements - Permits are only valid for the following types of vehicle combinations:

- Log truck and pole trailer coupled together by stinger and reach. The stinger is to be at least 5 feet in length;
- Log truck and independently operated manually or mechanically steered trailer;
- Truck tractor semitrailer and trailer combination. The trailers shall be coupled together by stinger and reach and the distance from the front of the first trailer to the rear of the second trailer shall not exceed 68 feet. **These combinations may operate only on the Green and Brown Routes shown on State Route Map 7;**
- Truck and trailer coupled by means of a stinger and the trailer tongue. The stinger is to be at least 5 feet in length;
- Truck transporting a pole by means of a pole dolly and pole drawbar device that is attached to the leading end of the pole and attached to the towing vehicle by means of a pintle hook.

Note: A stinger is measured longitudinally from a point located opposite the back of the tread of the tires of the last axle on the truck to the point of coupling.

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Allowable Overall Lengths:

- The allowable overall lengths for the combinations of vehicles and loads subject to these rules shall not exceed those lengths indicated for the various highways shown on attachment 17 or the county attachment. Overall length includes the vehicle or combination of vehicles and any load overhangs;
- If the vehicle combination consists of a log truck and independently operated manually or mechanically steered trailer an overall length will be permitted which exceeds by 15 feet those indicated on Attachment 17;
- A load may include related items provided it does not exceed the length allowed for the longest permitted item; and
- When laden, hauling equipment may be temporarily extended when operating with a log truck and pole trailer or truck and trailer.

DAYS OF TRAVEL AND PEAK TRAFFIC HOUR RESTRICTIONS:

OVERALL LENGTH	TRAVEL DURING HOURS OF DARKNESS on INTERSTATE HIGHWAYS Except Observed HOLIDAYS	OBSERVED HOLIDAYS New Year’s Day, Memorial Day, Independence Day, Labor Day and Christmas Day. From 2PM on the last business day preceding the observed Holiday through sunrise of the first business day following the observed Holiday. THANKSGIVING From Noon Wednesday before Thanksgiving to sunrise on Monday following Thanksgiving.
Up to 105'	*Allowed with lights as noted below	Allowed
105' 1''-120'	*Allowed with lights as noted below	Not Allowed

*Intermediate side marker lights as described in ORS Chapter 816, are placed on each side at intervals of not more than 20 feet between the tail lights of the towing vehicle and the tail lights of the trailer and

*Motor vehicles transporting loads which extend more than 4 feet beyond the rear of the motor vehicle, or which have tailboards or tailgates extending more than 4 feet beyond the body, shall have projections marked as follows:

On each side of the projecting load, one red lamp, visible from the side, located so as to indicate maximum overhang; and

On the rear of the projecting load, two red lamps, visible from the rear, one at each side, and two red reflectors visible from the rear, one at each side, located so as to indicate maximum width.

Warning Signs and Flags Required:

When the combination of vehicle and load exceed 80 feet in overall length, “Long Load” or “Oversize Load” signs are required to be displayed to the rearmost position practical, either on the load or the last vehicle. The sign shall be 7 feet wide by 18 inches high with black letters 10 inches high and having a 1-5/8 inch wide brush stroke in accordance with Federal Highway Administration series C on highway yellow background. The highway yellow background of the sign shall be made of reflectorized material when operating between sunset and sunrise (Hours of Darkness). Signs must be kept clean, legible, and mounted with adequate support to provide full visibility at all times when in use. Signs may have a border with not more than 1-5/8 inch brush stroke around the edge of the sign. Signs must be constructed of a material impervious to water. **Loads extending beyond the rear** of the load-carrying part of the vehicle 4 feet or more, shall be visibly marked with a red/fluorescent orange flag not less than 18 inches square attached to the outermost extremity of the load during daylight hours. The attachment device shall not extend beyond the rear of the load more than 3 inches.