

## Maximum Legal Dimensions

The following maximum dimensions may be operated on Minnesota's highways without a special permit:

- Height: 13'6"
- Width: 8'6"
- Length (see chart below, includes any front/rear overhang):

Single vehicle	45'
Mobile crane	48'
Trailer, of two-vehicle combination	45'
Semi-trailer, of two-vehicle combination	48' (or 53' if kingpin to center of rear axle group distance is 43' or less)
Truck-tractor with semi-trailer combination	75', longer on designated routes
Two-vehicle combination other than truck-tractor & semi-trailer	75'
Each trailer or semi-trailer of two-trailer combination on designated routes	28'6"

### Connect with us to receive news and announcements!

Stay up-to-date on service outages, procedure changes and other information from MnDOT's Oversize/Overweight Permits Office.

- Sign up for email updates at:  
<https://public.govdelivery.com/accounts/MNDOT/subscriber/new>
- Follow us on Twitter:  
<https://twitter.com/mndotoversize>

## Helpful Website Links

### IFTA/IRP:

<http://www.dps.state.mn.us/dvs/index.html>

### Minnesota Commercial Truck and Passenger Regulations book:

[www.mndot.gov/cvo/mcr/toc.html](http://www.mndot.gov/cvo/mcr/toc.html)

### MN State Patrol - Commercial Vehicle Enforcement:

<https://dps.mn.gov/divisions/msp/commercial-vehicles/Pages/default.aspx>

### MN Truck Weight Education:

[www.mnltap.umn.edu/About/Programs/TruckWeight](http://www.mnltap.umn.edu/About/Programs/TruckWeight)

### Seasonal Load Restrictions:

[http://dotapp7.dot.state.mn.us/research/seasonal\\_load\\_limits/sllindex.asp](http://dotapp7.dot.state.mn.us/research/seasonal_load_limits/sllindex.asp)

### State DOTs:

<http://www.fhwa.dot.gov/webstate.cfm>

### Statutes (Laws):

[www.revisor.leg.state.mn.us/statutes/?id=169](http://www.revisor.leg.state.mn.us/statutes/?id=169)

### US DOT:

[www.fmcsa.dot.gov](http://www.fmcsa.dot.gov)

### Also visit Permits A-Z on our website for:

- Permit travel/holiday hours
- Forms/attachments
- County contacts and much more

### Minnesota Department of Transportation

Office of Freight & Commercial Vehicle Operations  
Oversize / Overweight Permit Office  
395 John Ireland Boulevard  
St. Paul, MN 55155

Phone: 651-296-6000

Phone Hours (M-F):

General information - 8:30 a.m. - 3:00 p.m.

Trip logging assistance - 7:30 a.m. - 4:00 p.m.

Fax: 651-215-9677

E-mail: [ofcvopermits.dot@state.mn.us](mailto:ofcvopermits.dot@state.mn.us)

Website: [www.mndot.gov/cvo/oversize](http://www.mndot.gov/cvo/oversize)



DEPARTMENT OF  
TRANSPORTATION



# Transporting Oversize / Overweight Loads in Minnesota

2017

## Physical Route Survey

When applying for a permit where overall dimensions exceed 16' high or 20' wide, MnDOT requires the permittee to conduct a pre-trip route survey. In certain cases, excessive length may require a route survey.

- The permittee must ensure that low-hanging wires, cables, lights or signage or any other structures will not be damaged.
- A pre-trip route survey is to be conducted within 14 days before the move is to begin.
- Survey information is to be provided on a MnDOT Pre-Trip Route Survey form, and signed and dated. The survey form is required before the permit application will be processed.
- To access the Pre-Trip Route Survey form online, go to: [mndot.gov/cvo/oversize/pretriproutesurvey.html](http://mndot.gov/cvo/oversize/pretriproutesurvey.html).

## Annual Permit

Most annual permits require pre-trip route approval by MnDOT. For instructions, go to: [mndot.gov/cvo/oversize/docs/triploggingguide.pdf](http://mndot.gov/cvo/oversize/docs/triploggingguide.pdf)

Additional requirements:

- **Each OSOW load moved on an annual permit must have its route pre-approved by MnDOT**, either by using the MnDOT online permitting system or by calling 651-296-6000 (M-F, 7:30 a.m. - 4:00 p.m.).
- A copy of the approved **pre-trip authorization, MN General Provisions and annual permit** must be carried during the move.
- Permit types requiring pre-trip route approval include: Construction, Farm, Self-Propelled/ Mobile Crane, Boat Hauler, Baled Hay/Straw/ Corn Stalks, and Mobile/Manufactured Home.

## Obtaining A Permit\*

- Before moving an oversized or overweight load on a MN state highway or interstate, you must obtain a Special Transportation Permit from MnDOT and carry the permit in the vehicle during transport.
- A driver may show an enforcement officer a copy of their permit on a mobile device, such as a phone, laptop computer, or tablet as long as the permit is complete and legible. A copy of the permit need not be signed by the driver.
- A MnDOT permit can be obtained online or by walk-in at MnDOT's OSOW Permit Office at: **395 John Ireland Boulevard St. Paul, MN 55155**
- Payment can be made by check, cash, or credit card.
- Order permits or log trips online by using your account or signing in as a guest 24 hours a day, 7 days a week.

Visit our website for instructions to open an account.

### \* Note:

- **MnDOT single trip permits are valid for seven (7) consecutive days, and will not be issued more than seven days before the permit Start date.**
- **A MnDOT permit is not valid on county, municipal, township, or other local roads. Authorization to move on these roads must be approved by the appropriate local road authority.**



## Applying For Permits Online

To order through our online permitting system, go to: <https://osowpermits.dot.state.mn.us/rbnet/>

The following minimum information is needed when applying for an OSOW permit:

- Account number or sign in as a Guest.
- Name that the permit will be issued to (Permittee), address, city, state, and zip code.
- Load make, serial number, model number, and net weight of load.
- Vehicle make, license plate number, empty weight, and axle width.
- Dimensions of load: width, height, length, and overhang (front and rear, side to side, if any).
- Route requested, or let system create route.
- If overweight, provide the load weight, total gross vehicle weight, axle spacing, axle weight, number of tires, and tire size on each axle. (Axle spacing is measured from the center of axle to the center of next axle).

Annual permits require the individual trip route to be pre-approved by MnDOT, either by using our online system (Trip Log) or calling our office.

## Vehicle Registration

A MnDOT permit **DOES NOT** automatically increase your vehicle's registered weight.

Contact the Minnesota Department of Public Safety, Driver and Vehicle Services to change your vehicle's registered weight. You may call them at 651-205-4141 or visit their website: [www.dps.state.mn.us/dvs/index.html](http://www.dps.state.mn.us/dvs/index.html).

## Permit Weight on Annual Permits

Axle Group (M = 1,000 lbs)		Legal	Category "A"	Category "B"	Category "C"
MS 169.824					
Single		20M	20M	20M	20M
Tandem		34M	18M each	19M each	20M each
Tridem	8'+	42M	16M each	18M each	20M each
	9'	43M			
Quad	11'6"+	50M	13M each	15.5M each	18M each
	12'6"+	51M			
	13'6"+	51.5M			
5-axle GVW		80M	84M	88M	92M
6-axle GVW		80M	96M	104M	112M
7-axle GVW; 2 tridem groups		80M	108M	120M	132M
7-axle GVW; 1 tandem and 1 quadgroup		80M	100M	112M	124M
8-axle GVW		80M	112M	128M	145M
9-axle or more GVW		80M	128M	140M	155M

**Note: Axles, axle groups and GVW must conform to the table of axle weight limits as defined in MN Statute 169.824 through 169.828.**

## Vehicle Tire Limits

**Tire Weight:** when operating under a MnDOT overweight permit, maximum tire weight is 600 pounds per inch width of tire, or the manufacturer's recommended tire weight rating, whichever is less.

**Tire Width:** manufacturer's tire width as shown on the tire sidewall.

**Single axle:** all axles spaced within 40".

**Single wheel:** includes two, or more, wheels with centers 48" apart on an axle.

**Tandem axles:** two consecutive axles evenly spaced more than 40" but not more than 96" apart.

**Tridem axles:** three axles evenly spaced within 9' or less.

**Quad axles:** 4 axles evenly spaced within 15' or less.

## Travel Information

511 is a great tool that provides traveler information on the interstates, U.S. routes and state highways. Call 511 or visit [www.511mn.org](http://www.511mn.org) for:

- Weather-related road conditions
- Road construction and closures
- Traffic cameras, incidents and conditions
- Low bridge clearance
- Roundabout locations
- And more!



MnDOT may need to alter the route from the one you requested due to construction projects, roadway or bridge obstructions, or special events.

## Travel Hours\*

In general, OSOW travel is not restricted up to **14'6" wide; 110'0" long; 16'0" high**, unless noted otherwise on the permit.

Additionally:

### Holiday Travel Restrictions:

- No OSOW travel is allowed statewide from 2:00 p.m. the day before the holiday to 2:00 a.m. the day after the holiday, when exceeding **9'0" wide and/or 110'0" long**. For more details, visit: [mndot.gov/cvo/oversize/docs/holiday-travel-hours.pdf](http://mndot.gov/cvo/oversize/docs/holiday-travel-hours.pdf)

**Summer Travel Restrictions:** (weekend after Memorial Day thru weekend before Labor Day)

- No oversize travel allowed from 2:00 - 8:00 p.m. on Fridays and Sundays, when exceeding **9'0" wide and/or 110'0" long**.

**Rush Hour Restrictions:** (Twin Cities & Duluth Metro areas)

- No OSOW travel Monday thru Friday from 6:00 a.m. – 8:30 a.m. and 3:30 p.m. – 6:00 p.m. when exceeding **14'6" wide and/or 110'0" long and/or 16'0" high**, unless noted otherwise on the permit.

**Night Travel Restrictions:** (Twin Cities Metro only)

- OSOW night travel only allowed 12:00 a.m. – 5:00 a.m. (Monday thru Friday, unless noted otherwise on permit) when exceeding **14'6" wide** while on non-divided roadways, and when exceeding **16'0" wide** while on divided roadways.

See Permits A-Z on our website for additional travel hour information.

**\* Note: Permits may have different travel hours from those listed above due to specific conditions related to extreme size, special events, or safety considerations.**

## Permit Conditions

### Minnesota General Provisions

- Must be carried in vehicle during OSOW movement.
- Located on our website at: [mndot.gov/cvo/permits/GeneralProvisions.pdf](http://mndot.gov/cvo/permits/GeneralProvisions.pdf)

### Flags

- Red or orange warning flags must be displayed when a vehicle or its load exceeds 9' in width or 75' in length.
- Flags must be 18" square, and be in good repair.

### Signs / Warning Lights

- At night, signs must be reflective or illuminated.

### Right of Way

- If permittee is not able to yield the right of way to oncoming traffic or if the vehicle/load will encroach into oncoming traffic lane, a lead peace officer escort is required.

### Escort Vehicle / Driver

- An escort vehicle may be a passenger car, station wagon, or pickup truck in proper operating condition.
- Escort vehicle driver must be at least 18 years of age.
- Must have constant communication between escort vehicle(s) and permitted load.

See **Minnesota General Provisions** on our website (address listed above) for information on permitted and escort vehicle signage.

### Permittee Responsibility

- Permittee must comply with all bridge and road restrictions postings.

## Special Restrictions

No movement is authorized when road conditions are unsafe due to ice, snow, rain, or if visibility is less than 500'. Additional restrictions include:

- No movement if winds gusts prevent vehicle(s) from staying within its travel lane.
- Flag (Lights at night) widest point(s) of load and all four corners of vehicle.
- Flag (Steady light at night) at end of overhang exceeding 4'.
- Flag (Steady light at night) every 20' along outside of load/vehicle(s).
- Oversize load sign (reflective or lighted at night) with flashing amber light(s) required in front and rear.
- At night, when over 12'6" wide or when combination is over 95' long, lead and rear escorts or approved LED lighting package is required.

## Certified Pilot Car Escort

- Pilot car escort drivers must be trained and certified through the Minnesota Department of Public Safety's Certified Pilot Car Escort Driver Program, as required under MN Administrative Rules, Chapter 7455. This program is administered by the Minnesota State Patrol. Training is provided through Hennepin Technical College.
- An escort vehicle can only be a passenger automobile, light duty van, a two axle pickup or a two-axle single unit truck in proper operating condition.
- Convoying of permitted vehicles in order to reduce the total number of certified pilot escorts used during a move is not allowed.

Contact Hennepin Technical College for training registration and certification information:  
<https://www.hennepintech.edu/cts/pages/1233>

## Posted Weight Axle Limits

Posted Weight Axle Limits (MS 169.827)	9 Ton	8 Ton	7 Ton	6 Ton	5 Ton	4 Ton
Single axle	18,000	16,000	14,000	12,000	10,000	8,000
Two axles spaced within 8' or less	34,000	30,222	26,444	22,667	18,889	15,111
Three axles spaced within 9' or less	43,000	38,222	33,444	28,667	23,889	19,111
Four axles spaced within 14' or less	51,500	45,778	40,056	34,333	28,611	22,889