



Montana Bid-Route System

Motor Carrier Services

ARS Standalone User Guide

The ARS Bid-Route System can be used for checking routes prior to ordering a Montana Oversize/Overweight permit. The system will check for height structures, current construction projects, incidents, etc. Please note that these routes are subject to change.

Fill in the applicable fields specific to the load. (If the load is legal weight then enter the GVW without entering weights)

Select "I'm not a robot." Click Next.


Pre-Trip Routing: Enter Load Dimensions
To begin your Pre-Trip Routing, please enter the dimensions of your truck and load. Use this section to identify a route prior to ordering an oversize/overweight permit. **This route is not a valid permit but primarily used for bid purposes.**

Pre-Trip Routing:
Enter the load you wish to use:

Load:
Load Code: Load Description:

Dimensions

Width: ft. in.
Height: ft. in.
Length: ft. in.
GVW: lbs.

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If the load is overweight, select Enter Weights. A window will pop-up that looks like this

Set Axle Weights

Enter spacing and weight information for each axle.

Number of Axles:
Total Weight: Total Spacing:

Axle	Weight	Spacing (Ft. In.)	Steer
1	<input type="text"/>	<input type="text"/>	<input type="text" value="STEERING"/>
2	<input type="text"/>	<input type="text"/>	<input type="text" value="DRIVES"/>

For optimal routing, enter exact weights.

Input the number of axles then click anywhere in the box for the fields to populate.

The 'Set Axle Weights' dialog box is shown with the following details:

- Number of Axles:** 6
- Total Weight:** (empty)
- Total Spacing:** 0' 0"
- Table:**

Axle	Weight	Spacing (Ft. In.)	Steer
1	<input type="text"/>	<input type="text"/>	STEERING
2	<input type="text"/>	<input type="text"/> <input type="text"/>	DRIVES
3	<input type="text"/>	<input type="text"/> <input type="text"/>	
4	<input type="text"/>	<input type="text"/> <input type="text"/>	
5	<input type="text"/>	<input type="text"/> <input type="text"/>	
6	<input type="text"/>	<input type="text"/> <input type="text"/>	

Buttons: Validate Weights and Close, Cancel (Clears all axles.)

Input your weights per axles and spacings. Click on Validate Weights and Close.

The 'Set Axle Weights' dialog box is shown with the following details:

- Number of Axles:** 6
- Total Weight:** 99000
- Total Spacing:** 64' 1"
- Table:**

Axle	Weight	Spacing (Ft. In.)	Steer
1	12000	<input type="text"/>	STEERING
2	18000	16 1	DRIVES
3	18000	4 6	DRIVES
4	17000	34 6	TRAILER
5	17000	4 6	TRAILER
6	17000	4 6	TRAILER

Buttons: Validate Weights and Close, Cancel (Clears all axles.)

After clicking on Validate Weights and Close (the screen automatically closes)

Pre-Trip Routing: Enter Load Dimensions

To begin your Pre-Trip Routing, please enter the dimensions of your truck and load. Use this section to identify. **This route is not a valid permit but primarily used for bid purposes.**

Pre-Trip Routing:
Enter the load you wish to use:

Load:

Load Code: Load Description:


Dimensions

Width: ft. in.

Height: ft. in.

Length: ft. in.

GVW: lbs.

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GVW is automatically calculated. Click on Next. After you click on Next, the system will then take you to the routing page where you can input your route.

Application Number: 0

Enter Trip

Origin

Address City Zip

Via Points

Destination

Address City Zip

Enter Trip For This Permit

Use the form to the left to enter a trip that the truck(s) will use for this permit.

You have 4 options for entering your origin and destination locations:

- An address - Enter the street number, street, city and/or zip code.
- The intersection of two streets - Enter each of the streets and the city of the intersection location. The map will zoom into the intersection and may have several location markers for you to select from; ARS produces turn-by-turn directions so choose the marker that best represents your location.
- Border crossings - If you are entering from another state or leaving Montana, select your highway and the nearest city to where you will cross the state line.
- Lat/Lon/Map - If you have the geocode for your location, you may enter it. Example: 46.589425, -111.992558. You can also click Find after selecting Lat/Lon/Map to click a location on the map.

You have the option to enter via points for your route:

- Highway - Enter the series of roads, in order of travel, that you would prefer to travel on.
- Find on Map - Click on "Select on Map" to open the map and select your highway via points.

Click **Validate and Run**. The router will attempt to generate a legal route for your truck based on the weight and load parameters you entered earlier. To edit your route click the expand arrows to access your routing options.

See <https://www.mdt.mt.gov/other/webdata/external/mcs/MDT-ARS-External-User-Guide.pdf> for further instructions on routing.