



NHDOT OVERSIZE OVERWEIGHT (OSOW) PERMITTING SYSTEM

MODIFYING A ROUTE

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Routing Methods

Users can generate a basic point-to-point route or stipulate that a route be generated in the following ways:

- Along specified highways and through designated intersections
- Through specified Via Points

Note: Via Highways and Via Points are for use when modifying the default route. It is recommended that the user first try to create the route with only an Origin and Destination. If the default route is not the desired route for compelling reasons, edit the route by expanding the **Enter Trip Panel** and adding Via Highways or Via Points.

Point-To-Point

The user can generate a basic point-to-point route without designated via points.

TO GENERATE A ROUTE WITHOUT DESIGNATED VIA POINTS

1. Generate a route by entering and/or selecting the origin and destination routing options.
2. Expand the **Enter Trip Panel** by clicking the **Expand Chevron** icon.

*The **Enter Trip Panel** will be displayed.*

3. Select the **None** option in the **Via Points** section. This is the default selection.

The screenshot shows a web interface for entering trip information. At the top right is a blue chevron icon. Below it is a blue header bar labeled "Enter Trip". The form contains several sections:

- Origin:** A dropdown menu with "Border Crossing" selected.
- Select:** A dropdown menu with "I-95 MA Line" selected.
- Via Points:** A dropdown menu with "None" selected.
- Destination:** A dropdown menu with "Border Crossing" selected.
- Select:** A dropdown menu with "I-95 ME Line" selected.
- Avoid Crawl Bridges on Route:** An unchecked checkbox.
- Avoid Cross Alone Bridges on Route:** An unchecked checkbox.
- Validate and Run:** A button at the bottom center.

FIGURE 1: ENTER TRIP POINTS: VIA POINTS NONE

- Click the **Validate and Run** button.

*The **Trip Results Panel** will be displayed.*

Note: When the system doesn't have any problems with the information entered, the **Trip Results Panel** will display the route. Review the route and driving directions. Expand the **Enter Trip Panel** to make any changes. Changes will require the user to click the **Validate and Run** button to update the route.

Route	Miles	To	Distance	Time
Origin: I-95; NH/MA State Line; Seabrook	0	Beginning State-Maintained Travel	0	00:00
I-95 NORTH	16.2	Continue straight on I-95 NORTH	16.2	00:13
Destination: I-95; NH/ME State Line; Portsmouth	16.2		16.2	00:13

- Click the **Next** button to continue the Order Permits process.

Note: New information will not be saved if the user clicks the **Back** button before saving or before going to the next screen.

Note: On the **Order Permits: Permit Summary** screen users have the option to **Delete Permit**, click the **Save and Exit** button to save any progress and return to the **Carrier Dashboard**, or to **Submit**.

Note: If NHDOT Permits is unable to generate a route based on the Origin and Destination submitted in the **Enter Trip Panel**, the **Validation Results Panel** is used to inform the user why the trip failed and provide alternative routing points to enter to calculate the desired route of travel.

Highway Names

This routing method allows users to:

- Stipulate a path between an Origin and Destination
- Identify one or more roadways to use as a Via Point within the generated route

To use this feature, list the roadways of the desired route in order of travel.

FIGURE 2: ENTER TRIP POINTS: VIA POINTS HIGHWAY

Note: Via Highways and Via Points are for use when modifying the default route. It is recommended that the user first try to create the route with only an Origin and Destination. If the default route is not the desired route, edit the route by expanding the **Enter Trip Panel** and adding Via Highways or Via Points. Any change from the default route must include a compelling reason for not accepting the default route. The carrier will be required to enter a reason for the route change before submitting the application and the permit will not self-issue.

TO GENERATE A ROUTE VIA SPECIFIED ROADWAYS

1. Generate a route by entering and/or selecting the origin and destination routing options.
2. Expand the **Enter Trip Panel** by clicking the **Expand Chevron** icon.

The **Enter Trip Panel** will be displayed.

3. Select the **Highway** option from the **Via Points** dropdown list.

The **Highway Names** field will be displayed.

The screenshot shows a web form titled "Enter Trip". At the top right is a blue back arrow button. The form has several sections:

- Origin:** A dropdown menu with "Border Crossing" selected.
- Select:** A dropdown menu with "I-93 VT Line" selected.
- Via Points:** A dropdown menu with "Highway" selected.
- Highway Names:** A text input field with the instruction: "Enter highways using NHDOT highway naming in order of travel separated by commas. For example I-93, US-202, NH-101." The field is currently empty.
- Destination:** A dropdown menu with "Border Crossing" selected.
- Select:** A dropdown menu with "US-302 VT Line" selected.
- Options:** Two checkboxes: "Avoid Crawl Bridges on Route:" and "Avoid Cross Alone Bridges on Route:", both are unchecked.
- Buttons:** A "Validate and Run" button at the bottom.

4. Enter the names of roadways that the system should use to generate the route in the **Highway Names** field in the order of travel separated by commas.

Note: It is best to not duplicate the Origin and/or Destination in the list of Via Highways.

This screenshot is identical to the previous one, but the "Highway Names" text input field now contains the text: "I-93, NH-116, NH-112, US-302".

5. Click the **Validate and Run** button.

Note: If the route requested is blocked by restrictions or is perceived to be otherwise non-routable as entered, the system will ignore the request and route an approved route.

The **Trip Results Panel** will be displayed.

Note: When the system doesn't have any problems with the information entered, the **Trip Results Panel** will display the route. Review the route and driving directions. Expand the **Enter Trip Panel** to make any changes. Changes will require the user to click the **Validate and Run** button to update the route.

Application ID: 1016810

Back Save and Exit Save ProMiles Test 1 Seleina Steele Ph: 409-555-1212

Carefully check the route presented below. If it looks correct, click Next.
 I have a problem with the route and would like it reviewed
 Next

Default Trip - (39.47mi)

I-93; NH/VT State Line; Littleton to US-302; NH/VT State Line; Haverhill
 Trip Distance: 39.47 Trip Time: 00:38
 Save this trip

Map Satellite

On System
 Restrictions
 Height
 Weight
 Spring Thaw
 No Permits
 Width
 Cannot Cross Bridge
 Municipal Bridges
 Crawl Across Bridge

Load Dimensions Used During Routing

Route Description

Route	Miles	To	Distance	Time
Origin: I-93; NH/VT State Line; Littleton	0	Beginning State-Maintained Travel	0	00:00
I-93 SOUTH	14.7	I-93 SB EXIT 38 OFF RAMP TO WALLACE HILL RD	14.7	00:12
I-93 SB EXIT 38 OFF RAMP	0.3	Merge onto WALLACE HILL RD	15	00:00
	0	Beginning Non State-Maintained Travel	0	00:00
WALLACE HILL RD	0	Continue straight on NH-116 [CHURCH ST]	15	00:00
	0	Beginning State-Maintained Travel	0	00:00
NH-116	12	Continue straight on NH-112 [LOST RIVER RD]	27	00:14
NH-112	0.7	Turn left onto US-302 [NH-10] [RUM HILL RD]	35.7	00:10
US-302	3.8	Arrive at destination	39.5	00:03
Destination: US-302; NH/VT State Line; Haverhill			39.5	00:38

6. Click the **Next** button to continue the Order Permits process.

Note: New information will not be saved if the user clicks the **Back** button before saving or before going to the next screen.

Note: On the **Order Permits: Permit Summary** screen users have the option to **Delete Permit**, click the **Save and Exit** button to save any progress and return to the **Carrier Dashboard**, or to **Submit**.

Note: If NHDOT Permits is unable to generate a route based on the Origin and Destination submitted in the **Enter Trip Panel**, the **Validation Results Panel** is used to inform the user why the trip failed and provide alternative routing points to enter to calculate the desired route of travel.

UNDERSTANDING HIGHWAY NAMES

When entering a route via specified highways, optimal results will be achieved when the official NHDOT Highway name is used.

Note: If the route requested is blocked by restrictions or is perceived to be otherwise non-routable as entered, the system will ignore the request and route an approved route.

For best results, use the official NHDOT Highway Names:

TABLE 1: OFFICIAL NHDOT HIGHWAY NAMES

Road Type	Naming Convention	Examples
Interstate Highways	I-XX where XX is the route number	I-95
US Highways	US-XX where XX is the route number	US-1
Route	RT-XX where XX is the route number	NH-4

Find On Map

Note: Via Highways and Via Points are for use when modifying the default route. It is recommended that the user first try to create the route with only an Origin and Destination. If the default route is not the desired route, edit the route by expanding the **Enter Trip Panel** and adding Via Highways or Via Points. Any change from the default route must include a compelling reason for not accepting the default route. The carrier will be required to enter a reason for the route change before submitting the application and the permit will not self-issue.

TO GENERATE A ROUTE THROUGH DESIGNATED MAP POINTS

1. Generate a route by entering and/or selecting the origin and destination routing options.
2. Expand the **Enter Trip Panel** by clicking the **Expand Chevron** icon.

*The **Enter Trip Panel** will be displayed.*

3. Select the **Find On Map** option from the **Via Points** dropdown list.

The screenshot shows a mobile application interface for entering a trip. At the top, there is a blue header with a back arrow and the text "Enter Trip". Below this, there are several input fields:

- Origin:** A dropdown menu with "Border Crossing" selected.
- Select:** A dropdown menu with "I-93 VT Line" selected.
- Via Points:** A dropdown menu with "Find On Map" selected. This dropdown is highlighted with a red border.
- Select On Map:** A link highlighted with a red border.
- Destination:** A dropdown menu with "Border Crossing" selected.
- Select:** A dropdown menu with "US-302 VT Line" selected.

 At the bottom of the form, there are two checkboxes:

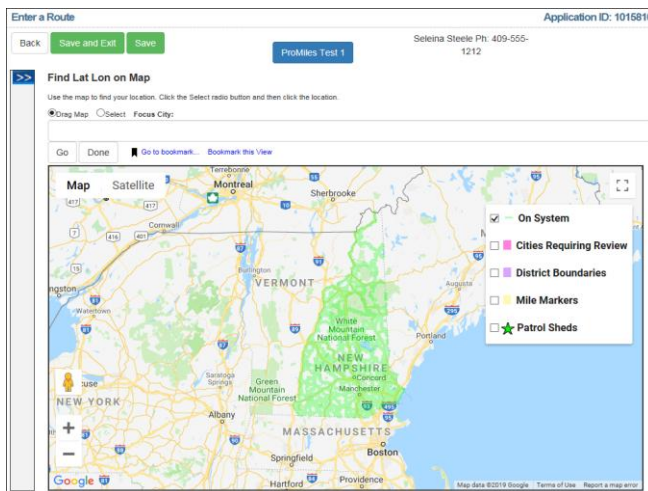
- Avoid Crawl Bridges on Route:**
- Avoid Cross Alone Bridges on Route:**

 A "Validate and Run" button is located at the very bottom of the form.

FIGURE 3: ENTER TRIP POINTS: VIA POINTS FIND ON MAP

4. Click the **Select on Map** link.

*The **Select Lat/Lon Vias on Map** screen will be displayed.*



5. Zoom in and move around the map. Be sure to zoom in very close to click a location on the map as a Via Point.
6. Select a Via Point by clicking the **Select** radio button and clicking the map in the selected location to add a Via Point.

The Via Point selected will be added to the list beneath the map and a numbered marker will be added to the map.

Select On Map | Clear Lat Lon Vias

1. 44.31112183256759;-71.86824415205836 [Remove](#)

The same Via Point location will be placed in the **Via Points** section of the **Enter Trip Panel**.

Via Points Find On Map ▼

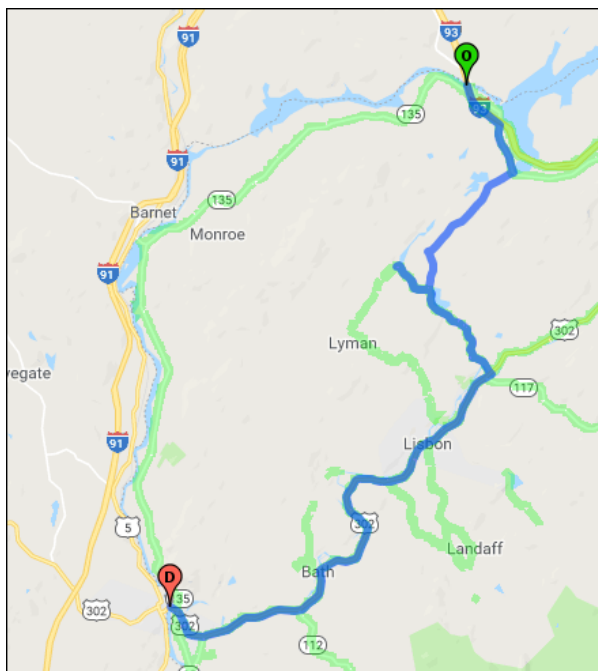
Select On Map | Clear Lat Lon Vias

1. 44.31112183256759;-71.86824415205836 [Remove](#)

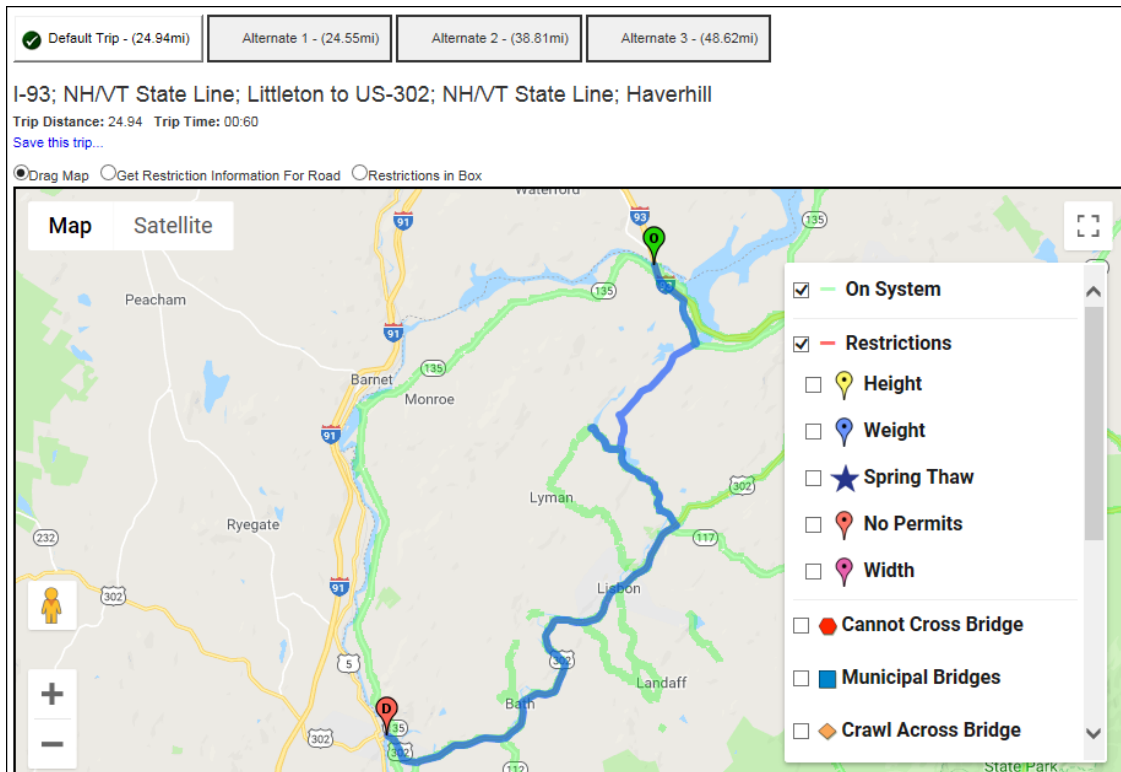
2. 44.27761068676039;-71.92561552298315 [Remove](#)

3. 44.23857956577526;-71.8793267915861 [Remove](#)

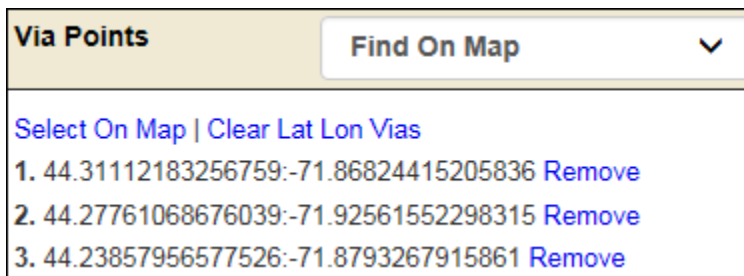
7. Add additional Via Points to the list by repeating the previous steps. Via Points do not have to be entered in consecutively traveled order.



Note: When selecting each Via Point, decide if this point should be added to the end of the list or before a specific Via Point.



Via Points can be individually removed from the list by clicking the **Remove** link on that line. The entire list can be removed by clicking the **Clear Lat Lon Vias** link.



8. Click the **Done** button once finished.

The Via Points will be entered into the trip between the Origin and the Destination.

9. Click the **Validate and Run** button.

Note: If the route requested is blocked by restrictions or is perceived to be otherwise non-routable as entered, the system will ignore the request and route an approved route. It is best to not duplicate the Origin or Destination in the list of Find on Map vias.

The Trip Results Panel will be displayed.

Note: When the system doesn't have any problems with the information entered, the **Trip Results Panel** will display the route. Review the route and driving directions. Expand the **Enter Trip Panel** to make any changes. Changes will require the user to click the **Validate and Run** button to update the route.

10. Click the **Next** button to continue the Order Permits process.

Note: New information will not be saved if the user clicks the **Back** button before saving or before going to the next screen.

Note: On the **Order Permits: Permit Summary** screen users have the option to **Delete Permit**, click the **Save and Exit** button to save any progress and return to the **Carrier Dashboard**, or to **Submit**.

Helpful Hints:

- When selecting a location, zoom in sufficiently to view both lanes of travel for divided highways.
- Select the location traveling in the correct direction.
- If the user clicks too close to an intersection, the system will assume the intersection as the location selection.

Note: If NHDOT Permits is unable to generate a route based on the Origin and Destination submitted in the **Enter Trip Panel**, the **Validation Results Panel** is used to inform the user why the trip failed and provide alternative routing points to enter to calculate the desired route of travel.

Note: For Roundtrip permits, do not add via points on road ways with a single direction of travel.