TEXAS PERMITTING AND ROUTING OPTIMIZATION SYSTEM ONLINE CUSTOMER INTERFACE

User Guide

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WHAT'S NEW?

This document represents version 5.0 dated 10.03.2023.

This document (version 5.0) was updated in October 2023 to reflect the following system updates.

- Removed Escrow on all screens where it remained following the payment type of Escrow being removed
- Removed options of using lowboy and trailer has hydraulic lift
- Removed text and images regarding Queue Position
- Added text and images for underclearnace
- Replaced screens to display Operating Authority changes to support CVIEW
- Replaced images and wording for images that were Internet Explorer specific

Other minor updates were also made to reflect the current TxPROS functionality.

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CHAPTER 1 WELCOME TO TXPROS ONLINE CUSTOMER INTERFACE

PURPOSE & USERS

The TxPROS Online Customer Interface is used by Motor Carriers and Wire Services to create and maintain their customer accounts and to create permit applications for Oversize/Overweight (OS/OW) vehicles traveling within the State of Texas. This interface provides access to safe and legal routes based on the vehicle and load dimensions and weight for such travel.

ONLINE PERMITTING & ROUTING

This web application gives Customer Users access to the customer account, permit ordering, routing, mapping, and customer reporting capabilities of the TxPROS system. It additionally allows for permit submittal for those routes needing assistance or further review by TxDMV.

ONLINE PERMITTING & ROUTING AND THE TXPROS SYSTEM

This web application allows Customer Users to access their customer data within the TxPROS system. Using the routing engine and the mapping engine, this application provides route generation and route display for permits ordered through the TxPROS system. Permits and customer data are accessed from the TxPROS database.

CREATING AN ACCOUNT

New users of TxPROS can create their company account on the Login Page.

Note: This application will require pop-ups. Follow the browser instructions for allowing or blocking pop-ups.

TO CREATE A NEW ACCOUNT

1. Click the link for TxPROS located on the TxDMV Motor Carrier Division (MCD) homepage http://www.txdmv.gov/motor-carriers . Click the **TxPROS** icon.



This application can also be accessed directly from the link https://txpros.txdmv.gov.

2. Click the **create a new company account** link at the top of the page.

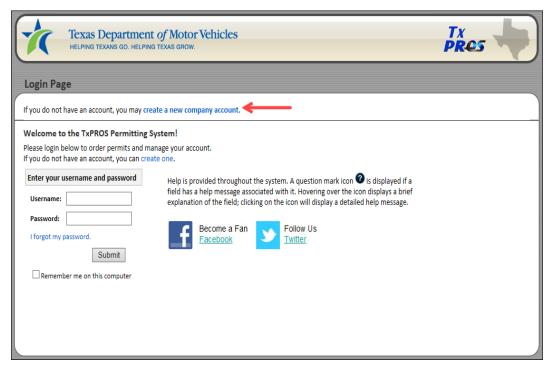


FIGURE 1: LOGIN PAGE

The **New Company Account Page** will be displayed.

3. Fill in as many of the fields as possible. Those fields marked with an asterisk (*) must have a value entered.

- a. The **Permit Delivery Method** is how permits will be delivered when ordered. This will be the default delivery method. During the Order Permits process the delivery method can be changed for any permit.
- b. If the company's mailing address is the same as the physical address, click the **Same as physical** link next to the **Mailing Address** heading to pre-populate the fields.
- c. Make note of the username and password.

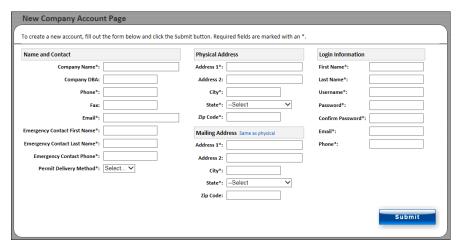


FIGURE 2: NEW COMPANY ACCOUNT PAGE SCREEN

4. Once finished, click the **Submit** button to save the information to TxPROS. If the account set up is successful, the user will be notified as seen below.

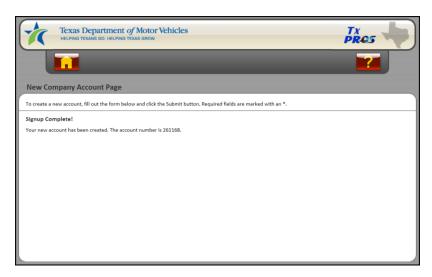


FIGURE 3: SIGNUP COMPLETE

- 5. Click the **Home** button to return to the **Customer Dashboard**
- 6. If the log in was not successful, the user should contact MCD for assistance.

Note: Once the user has created their Customer account, they must contact MCD to have their account set up as Exempt or as a Wire Service.

NAVIGATING TXPROS

There are several useful tools to help the user navigate TxPROS. These tools are located throughout the application so that the user can access them from all applicable pages. The buttons available depend on the page the user is on in TxPROS.



FIGURE 4: TXPROS NAVIGATION BAR

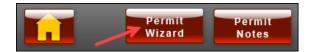
HOME PAGE

Click the **Home** button to navigate to the Home page or **Customer Dashboard**. Once permit creation begins, the **Home** button is not available. This is to prevent multiple screens being open at the same time.



PERMIT WIZARD

When creating a new permit, click the **Permit Wizard** button to initiate the *Permit Wizard*. The *Permit Wizard* poses a series of questions to help determine the permit that best fits the user's needs for the load they are carrying. The text and images for the *Permit Wizard* are populated by MCD.



PERMIT NOTES

Click the **Permit Notes** button to add or read any notes for a permit application. Customers and MCD can add and view notes for the permit application. When a TxDMV User adds a note, they can additionally email or fax the note. If there is a previously added note, there will be an envelope on the **Permit Notes** button letting the user know there is a note waiting.

Note: The **Permit Notes** button is available once the user begins creating a new permit and progresses through several screens.



PERMIT DOCUMENTS

Click the **Permit Documents** button to add or review any documents for this permit application. Customers and MCD can add or view documents. To add a document, it must already be saved to the computer. The user can browse their computer files to locate the document, select it, and then upload it to TxPROS. Select a Document Type from the dropdown list to better identify the type of document being added such as an Insurance Certificate, Bill of Lading, Loading Diagram, etc. The user can also add a note to give any explanation needed for the document. If there is a document added, there will be a document icon on the **Permit Documents** button letting the user know there is a document uploaded.

Note: The **Permit Documents** button is available once the user begins creating a new permit and progresses through several screens.



PAGE HELP

Click the **Page Help** button in the top right corner of the page to access **Help** for the page the user is currently on in TxPROS . The text for the *Help* feature is maintained in designated tables by MCD.



Log Out

Click the **Log Out** button to log out of TxPROS.



SECTION HELP

Hover over the **Section Help** button to access **Help** for the section the user is currently on in TxPROS. These **Help** items will explain the purpose of that section or provide an explanation to help the user determine what information they need to provide. For more detailed information for the entire page, click the **Page Help** button. The text for the *Help* feature is maintained in designated tables by MCD.



CALENDAR SELECTIONS

Throughout TxPROS, clicking in a **From** or **To** box for a date selection will result in a calendar display. To select the date the user would like to use, they must click the appropriate date on the calendar. In most cases, such as in **Reports**, the user cannot type in the date.



ВАСК

Throughout the application when **Back** is an option, click the **Back** button to go back one page rather than using the arrow back in the browser \leftarrow \rightarrow .



NEXT

Click the **Next** button to proceed to the next screen of the current process.



SAVE AND EXIT

Click the **Save and Exit** button to save changes and exit the current process.



CANCEL

Click the Cancel button to cancel the current process without saving.



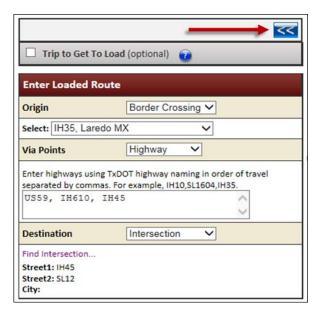
RADIO BUTTONS

Radio buttons are used throughout TxPROS. A radio button, or option button, is a type of graphical user interface element that allows the user to choose only one of a predefined set of options. Only one radio button can be chosen for each selection.



EXPAND/COLLAPSE

On the *Enter a Route* screen the user can expand and collapse the *Enter Loaded Route Panel* to show or hide the routing points. To edit route, expand the panel to change any of the routing points. The *Expand/Collapse* feature is available wherever *Expand/Collapse* Chevrons are displayed throughout the system.



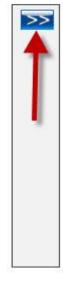


FIGURE 5: COLLAPSE BOX TO HIDE

FIGURE 6: EXPAND TO EDIT

PERMIT ID

Once a permit application proceeds past selecting a type of permit needed, the screens that follow will display the Company Name and Permit ID number as a reference for the user to identify the company and Permit ID that is being worked. There will additionally be a **Route Inspection ID** number if the application is associated to a **Route Inspection**.

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Use the form below to fill in truck and load information.

Permit ID: 1870473 Route Inspection ID: 2183

Note: Throughout the permit application, when the Company Name appears in blue, the Company Name is a hyperlink to access the *Company Information* screen.

TRAVEL ON STATE - MAINTAINED ROADS

Roads approved for OS/OW travel, which are managed by the State of Texas, are called state-maintained roads. In this routing system, all state-maintained roads are highlighted green to aid in selection. The user must be zoomed to a level 8 and must use an Origin/Destination that requires the user to click the map to view the green highlights. It is recommended that the user be zoomed to a level 14 to select a point on the map.

Note: For additional help, the non-state-maintained roads will be displayed in gray.



PERMIT PDF

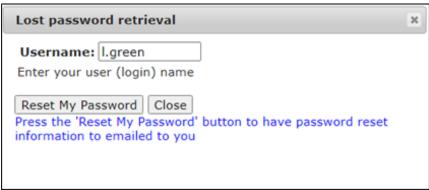
From **Reports** and/or the link in **Permit Details**, the user can view the Permit PDF. Click the **Permit PDF** icon or Permit Number hyperlink, to view a copy of the permit. The Permit PDF can be printed and/or saved.

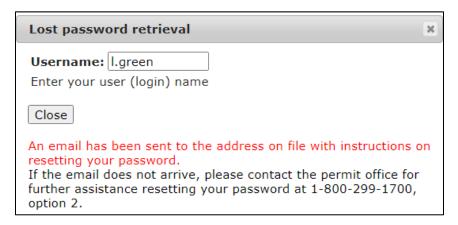
Note: Once the permit has been issued, the Permit PDF can be printed from the **Customer Dashboard**, until it expires.

I FORGOT MY PASSWORD

On the Login Page, a user can request a password reset if they have forgotten their password. Click the **I forgot my password.** link on the Login Page. Users can retrieve their password using their username. After completing the **Username:** field, click the **Reset My Password** button. The user will then receive notice that an email has been sent to the email address on file, which will contain instructions for resetting their password.







TXPROS CUSTOMER DASHBOARD

The **Customer Dashboard**, also known as the home page, is the primary screen for beginning new permits and routes within the TxPROS system. It is also where Company User can search permits and store company information including Users, Yards, and Vehicle inventory to assist in permit ordering and reporting.

The **Customer Dashboard** is broken into four main parts.

- Permits Panel
- Messages Panel
- Statistics Panel
- Administrative Panel



FIGURE 7: CUSTOMER DASHBOARD

PERMITS PANEL

The **Permits Panel** provides a list of all of the permits, active and expired, for the company. This list of permits can be sorted by each header at the top of each row. It is also the starting point for beginning a new permit application. For a description of each item in the **Permits Panel**, see *Table 1: The Permits Panel* on page 13.



FIGURE 8: THE PERMITS PANEL

If the customer has been set up as a Wire Service, the **Permits Panel** will look slightly different. Each company that the Wire Service orders permits for will be presented as a dropdown listing within the panel with each of that company's permits displayed. The user must contact MCD to be set up as a Wire Service.

Note: The Wire Service can only view permits they ordered for the customer. They will not be able to view other permits for that customer. A Wire Service must know the customer number to order permits for a customer.

Clicking the **Expand** Chevron will expand the section and allow the permits for that company to be viewed.

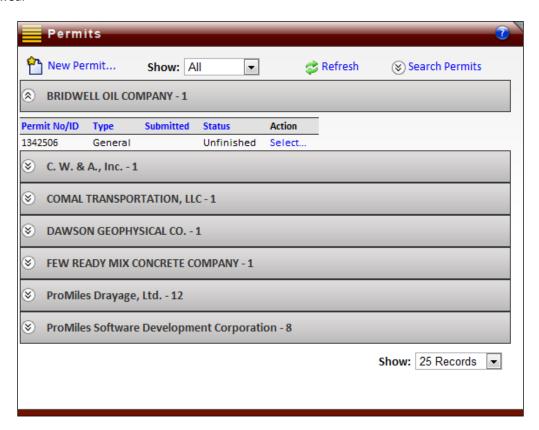


FIGURE 9: PERMITS PANEL FOR A WIRE SERVICE

TABLE 1: THE PERMITS PANEL

Element	Function	
New Permit	Initiates a new permit for the company. See <i>Ordering a Permit</i> on page 59 for more information.	
Show (at the top of the Permits Panel)	Dropdown list that allows the Company User to select different statuses of permits so that they will be displayed in the Permits Panel	
	All	Displays all of the permits for that company
	Unfinished	Displays permits which have been started but not yet submitted to TxDMV
	Pending	Displays all permits which have been submitted to TxDMV but have not yet been approved
	Issued	Displays permits which have been issued by TxDMV and are still active
	Expired	Displays permits which have expired
	Call Back	Displays permits the Permit Office has requested additional information for. The permit is put in call back status for the customer to contact the Permit Office.
Refresh	Allows the Company User to refresh the current list in the Permits Panel	
Search Permits	Enables the Search By function of the panel. When searching for items such as Number, VIN Number, and License Plate, the user does not need the entire nur However, the more the user enters of the number they are looking for, the more refined the results will be.	
	Permit Numb	er Search for permits that have a specific Permit Number
	Vehicle	Search for permits that have a specific Vehicle
	Permit Type	Search for permits that have a specific Permit Type
	Issue Date	Search for permits that have a specific Issue Date
	Start Date	Search for permits that have a specific Start Date
	VIN Number	Search for permits that have a specific VIN Number
License Plate		Search for permits that have a specific License Plate number

TABLE 1: THE PERMITS PANEL

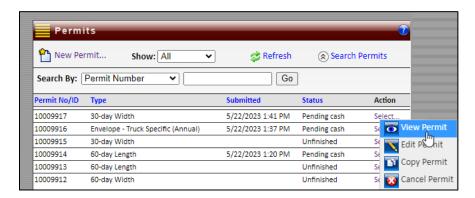
Element	Function		
	Customer Reference	Search for permits that have a specific Customer Reference number. This is an optional field that enables the customer to associate a permit to a particular job, job number, or some other internal tracking reference.	
	Yard	Search for permits that have a specific Yard name	
Permit No/ID	Lists the Permit Number for the permit displayed on that row, or the Permit ID for an application that has not been completed or is waiting on some action. Clicking the Permit Number will allow the Company User to see the PDF of the permit as it was when issued.		
Туре	The type of permit listed on that row		
Submitted	Timestamp of when the permit application was submitted to MCD		
Status	The current status of the permit listed on that row		
Action	Various actions that can be applied to the permit listed on that row. For more information on these actions, see <i>page 16</i> .		
	Note: The actions available are determined by the status of the permit.		
	View Permit	View Permit Details of a selected permit. See <i>Table</i> 2: Permit Details on page 16 for more information.	
	Copy Permit	Copy the variables of a selected permit into a new permit application.	
	Resume Permit	Resume a permit application that has not been completed and has not been submitted to TxDMV.	
	Cancel Permit	Cancel a permit before it is approved by TxDMV.	
	Edit Permit	Edit the details of a pending permit.	
Show (At the bottom of the Permits Panel)	Designate how many permits will display on each page in the Permits Panel as seen on <i>Figure 8: The Permits Panel</i> .		

Once the Company User has ordered permits or saved a permit application, they will be listed in the **Permits Panel** on the **Customer Dashboard**. From this list of permits there are several actions the Company User can take.

To VIEW A PERMIT

Permit Details can be viewed if the permit has a status of *Pending* or *Issued* in the **Status** column of the **Permits Panel**.

- The Pending status reflects that TxDMV has not yet processed the application into a permit.
- The Issued status reflects that TxDMV has approved the permit application, and a valid permit has been issued.
- 1. Locate a *Pending* permit application or *Issued* permit in the **Permits Panel**.
- 2. In the Action column, click the Select link then click View Permit.



The **Permit Details** screen will be displayed. See Table 2: Permit Details on page 16.

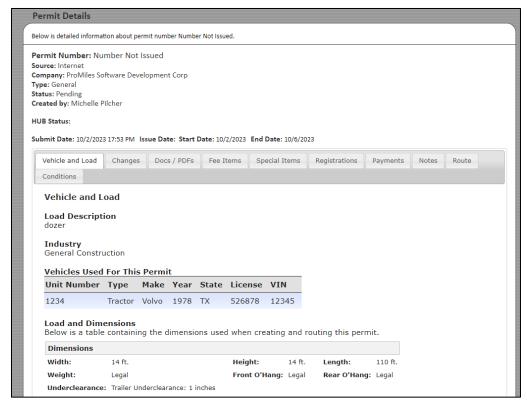


FIGURE 10: VIEW PERMIT DETAILS DISPLAY

TABLE 2: PERMIT DETAILS

Element	Content
Details	Permit Number, Source of the application, Company Name, Permit Type, Permit Status, who issued the permit, who created the permit, how the permit was delivered, and permit dates (submit, issue, start, and end)
Functions	Resend permit via fax or email.
HUB Status	The Hub Permit is a Hubometer (Quarterly) Permit Type. The HUB status is the status of the Hubometer (Quarterly) after it has been renewed (Reissued Status) or closed out and no longer eligible for renewal (Closed Out Status).
Vehicle and Load	Vehicle and Load description from the permit application
Changes	Audit trail of changes throughout the life of the permit including amends and if a permit was sent to Xerox for printing.
Docs/PDFs	View or add documents for the permit. View the Permit PDF. Email/fax documents for the permit.
Fee Items	Fees associated with the permit
Special Items	Special items for the permit
Registrations	Vehicle and trailer registrations with the permit. Note: This information is no longer collected in TxPROS.
Payments	Payment amount and method of payment for the permit
Notes	View and add notes for the permit.
Route	View, zoom, and print the map or route for the permit. The Route Inspection is available from this tab if there is one associated to the permit.
Conditions	Conditions for the permit

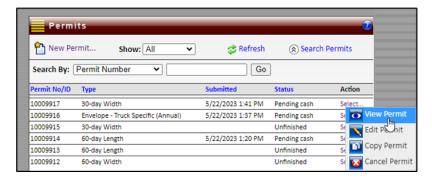
From the *Permit Details* screen the Company User can perform the following actions:

- View all the history for this particular permit or permit application. See *To View a Permit* on page 15.
- Email or fax a copy of the permit. See *To Resend a Permit via Fax or Email* on page 17.
- View and print the actual Permit PDF. See *To Print a Permit* on page 18.

TO RESEND A PERMIT VIA FAX OR EMAIL

If another copy of a Permit PDF is needed, the Company User can email or fax a copy if the permit has a status of *Issued*. Once the permit has a status of *Expired*, the Permit Office must resend.

- 1. Locate the *Issued* permit in the **Permits Panel**.
- 2. In the Action column, click the Select link then click View Permit.

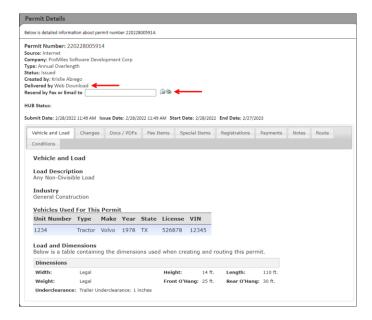


The Permit Details screen will be displayed. See Table 2: Permit Details on page 16.

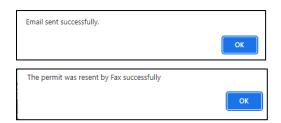
- 3. Determine if the permit will be resent to the original recipient or to a different recipient.
 - Click the **Email** or **Fax** icon important in the **Delivered by** field to have the permit resent to the original recipient.

Note: If the Primary Delivery Method was fax or email when the permit was originally ordered, the information does not have to be entered again when resending to the original recipient.

• Enter the fax number or email address in the **Resend by Fax or Email to** field and click the appropriate icon to send the Permit to another recipient.



A confirmation message will be displayed to confirm the email and/or fax was sent.



- 4. Click the **OK** button to return to the *Permit Details* screen.
- 5. Close the **Permit Details** screen to return to the **Customer Dashboard**.

TO PRINT A PERMIT

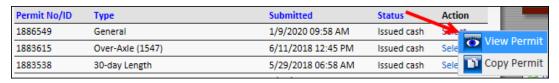
- 1. There are multiple ways to access a Permit PDF for printing:
 - By clicking the **Permit No/ID** hyperlink from the **Customer Dashboard**, or
 - By taking action from the Customer Dashboard to View Permit.

TO PRINT A PERMIT PDF BY CLICKING THE PERMIT NO/ID HYPERLINK

1. Click the **Permit No/ID** hyperlink in the **Permits Panel** on the **Customer Dashboard**. The Permit PDF will be displayed. The Permit PDF can be viewed, saved, and/or printed from this screen.

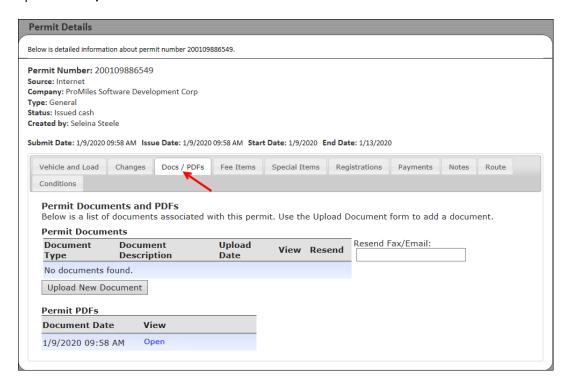
TO PRINT A PERMIT PDF USING THE VIEW PERMIT ACTION

- 1. Locate the *Issued* permit in the **Permits Panel**.
- 2. In the Action column, click the Select link then click View Permit.



The **Permit Details** screen will be displayed. See Table 2: Permit Details on page 16.

3. Open the Docs/PDFs tab.



4. Click the **Open** link in the **Permit PDFs** section, in the **View** column.



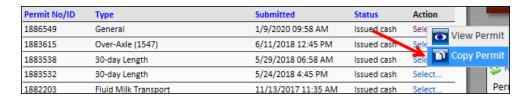
- 5. The PDF document will open in a new Internet browser window. The PDF can be viewed, saved, and/or printed from this screen.
- 6. Close the additional web browser window to return to the *Permit Details* screen.
- 7. Close the *Permit Details* screen to return to the **Customer Dashboard**.

TO COPY A PERMIT

A permit can be copied to a new permit application if the permit has a status of *Pending*, *Issued*, or *Expired* in the **Status** column of the **Permits Panel**.

- The *Pending* status reflects that TxDMV has not yet processed the application into a permit.
- The *Issued* status reflects that TxDMV has approved the permit application, and a valid permit has been issued.
- The *Expired* status reflects that the TxDMV predetermined duration for a Permit Type has been reached.
- 1. Locate the *Pending* permit application or the *Issued/Expired* permit in the **Permits Panel**.

2. In the Action column, click the Select link then click Copy Permit.



A new permit application will open with all of the information filled in from the copied permit.

- 3. Proceed through the permit application verifying and changing any allowed information.
- 4. Complete the permit application process or click the **Save and Exit** button to continue at a later time.

Note: A voided permit cannot be copied.

TO RESUME A PERMIT

A permit can be resumed if the permit has a status of *Unfinished* in the **Status** column of the **Permits Panel**.

- The Unfinished status reflects permits that have been started, but have not been submitted
 to TxDMV, and can be resumed. Users can make any allowed changes to a permit application
 when it is resumed and can complete the permit application for issuing. Fields that cannot
 be changed will be locked.
- 1. Locate the *Unfinished* permit application in the **Permits Panel**.
- 2. In the Action column, click the Select link then click Resume Permit.



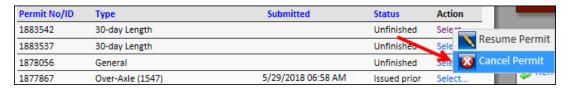
The **Order Permit** screen will be displayed as described on page 59.

- 3. Proceed through the permit application verifying and changing any allowed information.
- 4. Complete the permit application process or click the **Save and Exit** button to continue at a later time.

TO CANCEL A PERMIT

A permit can be canceled if the permit has a status of *Unfinished* or *Pending* in the **Status** column of the **Permits Panel**.

- The *Unfinished* status reflects permits that have been started but have not been submitted to TxDMV.
- The *Pending* status reflects that TxDMV has not yet processed the application into a permit.
- 1. Locate the *Unfinished* or *Pending* permit application in the **Permits Panel**.
- 2. In the Action column, click the Select link then click Cancel Permit.



The system will ask the Company User to confirm that they wish to delete this permit.

3. Click the **OK** button to cancel or delete this permit application or click the **Cancel** button to keep this permit marked as *Unfinished*.



Note: The user can also delete a permit while in the permit application by clicking the **Cancel** button.



TO EDIT A PERMIT

A permit can only be edited if the permit has a status of *Pending* in the **Status** column of the **Permits Panel**. This is the only status that will allow a Company User to edit a permit.

- The *Pending* status reflects that the permit application resides in a TxDMV queue and that TxDMV has not yet processed the application into a permit.
- 1. Locate the *Pending* permit application in the **Permits Panel**.
- 2. In the **Action** column, click the **Select** link then click **Edit Permit**.



The **Order Permits** screen will be displayed as described on page 59.

3. Proceed through the permit application verifying and changing any allowed information.

Note: If any truck dimensions are edited, or if any route details are changed, click the **Validate and Run** button to update the route information.

- 4. Complete the Order Permits process if the changes made now allow the permit to self-issue.
- 5. Click the **Save and Exit** button to save the changes made and allow the Permit Office to proceed with processing.

MESSAGES PANEL

The **Messages Panel** on the **Customer Dashboard** will display any messages to Company User's particular company from MCD as well as messages or announcements sent to all customers, or to a group of customers, if Company User's company is included in that group. Check this panel for messages regarding updates to the system and scheduled downtime as well as helpful hints and functionality changes.

Messages

- 8/25/2023: ATTENTION: In early September 2023, permit data more than three years
 old will be deleted in accordance with the TxDMV data retention policy. Data which
 will be deleted includes any of the following which are more than 3 years old: permit
 applications, issued permits including permit PDFs, permit notes and associated
 documents and route inspections which are not in use and have not been updated
 within 3 years. It is recommended to print or save any TxPROS permit records you
 wish to keep. Note: Company data and logins, saved vehicles and saved routes will
 not be affected.
- 6/20/2023: BASIC TxPROS Classes are offered FREE via live webinars the first Tuesday
 of every month 9am to 11am. Space is limited. For more information or to sign up for
 the webinar, click here:
 - https://attendee.gotowebinar.com/rt/4747193561671477597.
- 6/20/2023: ADVANCED TxPROS Classes are offered FREE via live webinars the third Tuesday of every month 9am to 11am. Space is limited. For more information or to sign up for the webinar, click here:

https://attendee.gotowebinar.com/rt/7542069656106250839.

FIGURE 11: MESSAGES PANEL

STATISTICS PANEL

The **Statistics Panel** will display basic information about the company's Permits, and Route Inspections.



FIGURE 12: CUSTOMER STATISTICS PANEL



FIGURE 13: WIRE SERVICE STATISTICS PANEL

TABLE 3: THE STATISTICS PANEL

Element	Function
Refresh	Refreshes the Statistics Panel to display the most recent information
Permits Issued Today	Allows the user to view the total number of permits that have been processed today for their company, including both self-issue permits and TxDMV issued permits.
Permits Self-Issued Today	Allows the user to view the total number of permits that have been self-issued today for their company.
Permits Issued Today for Customers	Allows Wire Service Users to view the total number of permits that have been processed for other customers for the current day
Order Replacement Stickers	Click this link to order Replacement Stickers
Route Inspections	Click this link to perform a Route Inspection Search and print Route Inspection reports.
More	This feature is not currently used but has been kept in TxPROS for future implementation.

REPLACEMENT STICKERS

Replacement Stickers for applicable permits can be ordered in the Statistics Panel on the Customer Dashboard.

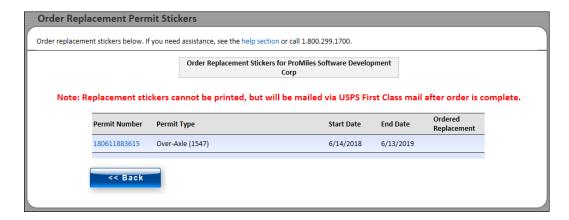
TO ORDER REPLACEMENT STICKERS

1. Click the Order Replacement Stickers link in the Statistics Panel.



The Order Replacement Permit Stickers screen will be displayed listing the current applicable permits.

If the Company User does not want to order a **Replacement Sticker** at this time, they should click the **Back** button to return to the **Customer Dashboard**.



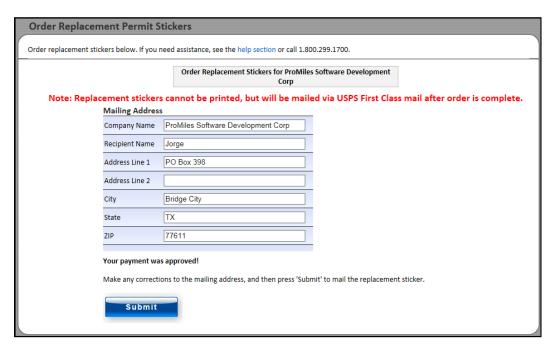
2. Click the **Permit Number** link for the permit that needs a **Replacement Sticker**.

The **Payment Information** screen will be displayed.

Note: Payment will only be required for applicable Permit Types.

- 3. Select a payment method and enter the requested payment information.
- 4. Click the **Submit** button.

The Mailing Address screen will be displayed. The fields saved in Customer Data in the Administrative Panel on the Customer Dashboard will auto-populate. For more information on completing this information, see *Table 8: Mailed Permits - Mailing Address Information* Details on page 78.



5. Verify all information is complete and correct and click the **Submit** button.

The Company User will be returned to the **Customer Dashboard** and the **Replacement Sticker** will be mailed.

ROUTE INSPECTIONS

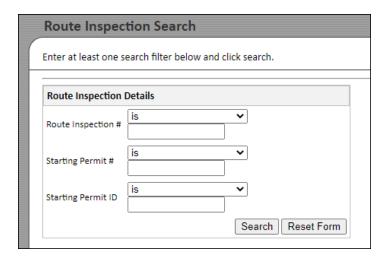
When a customer originates a permit that requires a **Route Inspection**, the customer will need to print the created **Route Inspection** form, follow the steps listed on the form for completion, sign the form, and return it to TxDMV. The **Route Inspection** form can be printed immediately after creation, or it can be printed at a later time. For more information on this process, visit http://www.txdmv.gov/oversize-weight-permits/route-inspections.

TO PRINT THE ROUTE INSPECTION FORM AT A LATER TIME

1. Click the Route Inspections link in the Statistics Panel on the Customer Dashboard.



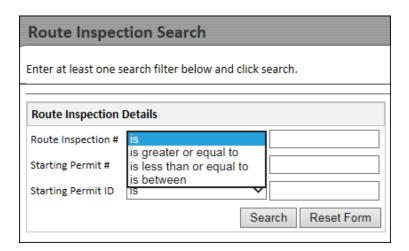
The Route Inspection Search screen will be displayed.



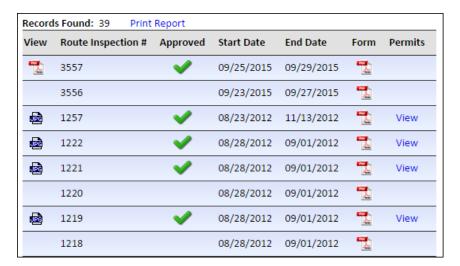
- 2. Search for the permit application associated with the Route Inspection.
 - a. Search by Route Inspection # generated when the route survey form was printed
 - b. Search by Starting Permit # generated when the permit application was approved
 - c. Search by Starting Permit ID generated when the permit application process was initiated

Note: When searching for the **Route Inspection #**, the **Starting Permit #**, or the **Starting Permit ID** the Company User has the following search ranges to help refine the search:

- is
- is greater or equal to
- is less than or equal to
- is between



3. Click the **Search** button. All **Records Found** will be listed below.



- 4. Click the **PDF** icon in the **Form** column to view a copy of the **Route Inspection** Form. The Route Inspection PDF can be printed and/or saved.
- 5. Click the **Home** button to return to the **Customer Dashboard**.

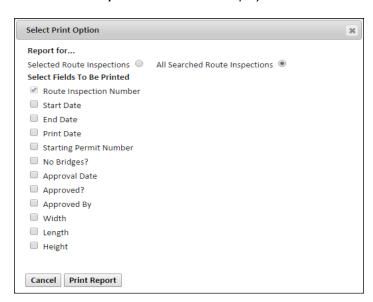
TO GENERATE A ROUTE INSPECTION REPORT

From the **Records Found** the Company User can also print a report to Excel that can include any reportable fields from the actual Route Inspections.

1. Click the **Print Report** link.



The **Select Print Option** window will be displayed.



- 2. The radio button defaults to **Selected Route Inspections.** If the Company User wants to report on all **Route Inspections** in the **Records Found**, click the radio button for **All Searched Route Inspections**.
- 3. Select all fields to be included in the report.
- 4. Click the **Print Report** button to generate the report.



Note: A prompt will ask if the user would like to Open or Save the Excel file.

- Click the **Open** link to open the file.
- Click the **Save to Folder** link to save the file to your computer.

The Excel Report will be generated and displayed.

The report can be viewed, printed, saved, and can be manipulated for other reports from here. The report will have a column for each field selected. This Excel sheet can be formatted, sorted, manipulated, and saved to meet reporting needs.

- 5. Close the Excel report to return to the *Route Inspection Search* screen.
- 6. Click the **Home** button to return to the **Customer Dashboard**

THE ADMINISTRATIVE PANEL

The Administrative Panel allows each company to define and alter their account information.



FIGURE 14: THE ADMINISTRATIVE PANEL

TABLE 4: THE ADMINISTRATIVE PANEL

Element	Function			
Company Data	Opens the <i>Company Information</i> screen. See <i>Company Data</i> on page 34 for more information.			
	Customer #	The customer's unique ID number as given by TxDMV		
	Company	The official Company Name		
	DBA	The company's DBA (Doing Business As) if applicable		
	Phone	The primary contact phone number for the company		
	Fax	The primary fax number for the company		
	Email	The primary email address for the company		
	USDOT	The company's United States Department of Transportation number (if company has one)		
	MCR	The company's Motor Carrier Registration number		
	Delivery Method	The company's default delivery method to be used for issued permits. The delivery method can be changed from the default when ordering a permit.		
		Email	Permits will be emailed to the email address on file unless changed in application.	
		Web Download	Permits will be downloaded by the company. These and all other issued permits can be accessed from the Permits Panel .	
		Fax	Permits will be faxed to the fax number on file unless changed in the application.	
		Mail	Permits will be shipped to the mailing address on file.	
		Courier	Permits will be sent to the company via courier to the physical address on file.	
	Update	Click to save cha	anges made	
	Cancel	Click to close without saving changes		

TABLE 4: THE ADMINISTRATIVE PANEL

Element	Function			
	Contacts	List of contacts for the company		
	Addresses	List of addresses for the company		
	Renewal	List of addresses for the company's Renewal Notices		
	Yards	Contact information for separate yards for the company		
	Users	Contact information for Company Users		
	Vehicles	Listing of the company's vehicle inventory in TxPROS. These vehicles can be used to populate information on the permit application.		
	Bond Type	Some Permit Types require a customer to post a Bond . A Bond can also be used as an Operating Authority for certain Permit Types. Bond Processing is handled by the TxDMV Permit Office. If TxDMV has loaded a bond under a Customers' account, the bond will be noted in this field under Customer Data .		
	Start Date	The beginning date of the Customer's bond		
	End Date	The ending date of the Customer's bond		
New Company	Allows Wire Services to create accounts in TxPROS			
Reports	The Reports function in the Administrative Panel on the TxPROS Customer Dashboard allows users to run a Customer Journal Report in different formats that will help them track permitting activity.			
Bid Route	Allows a route to be generated without actually submitting an application to TxDMV. This feature is provided as a service for quoting loads. This feature does not take into account loads that require axle spacing and weight entry.			
Time Permit Rte	Allows customers to obtain TxDMV approved routing for a time period permit that was previously obtained			
Saved Trips	Allows customers to manage trips that were saved during the Order Permits process.			
HUB Estimator	Allows customers to estimate the cost of their HUB renewal.			
Hubometer	Allows customers to closeout or reissue their HUB permits.			

COMPANY DATA

The **Company Data** button opens the **Company Information** screen. This screen is partially populated from the information entered when the account was created. Other information such as the USDOT Number can be added here to use as an authority needed when ordering permits. When making changes to the **Company Information** screen, click the **Update** button to save changes.

On the *Company Information* screen *Company Assets* can be added, edited, and deleted. Here the Company User can add contacts for their company, add addresses for their company, add renewal addresses, designate yards for their company, add users that can access their account, and maintain a vehicle inventory.

Note: It is not mandatory to add information to the data fields below. This capability has been provided as an aid to the customer to save time when applying for permits and to provide better reporting capabilities.

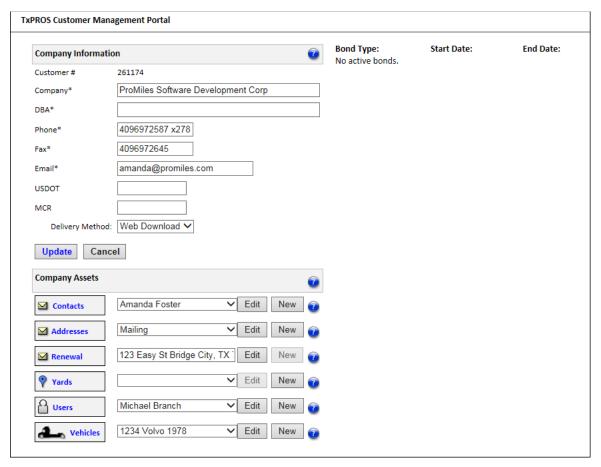


FIGURE 15: COMPANY DATA

CONTACTS

Any person that will need access to the TxPROS system, or any person that might need to be contacted by TxDMV at any step of the permitting process should be added into the system as a **Contact**.

Note: Just because a **Contact** is entered into the system does not mean that they will be able to log in to TxPROS. Each **Contact** must be set up as a **User** to log in to the TxPROS system.

TO ADD A NEW CONTACT

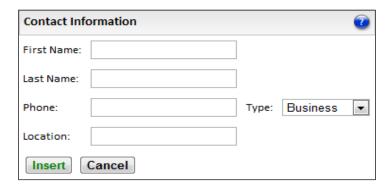
1. Click the Company Data button in the Administrative Panel on the Customer Dashboard.



2. Click the **New** button to the right of **Contacts**.



The **Contact Information** window will be displayed.



- 3. Enter the appropriate data for the **Contact**.
- 4. Click the **Insert** button to save or click the **Cancel** button to discard changes.

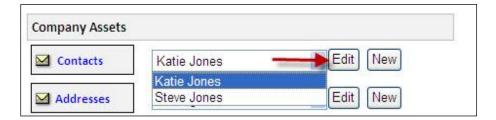
The new **Contact** will appear in the **Contacts** dropdown list.

TO EDIT A CONTACT

1. Click the Company Data button in the Administrative Panel on the Customer Dashboard.



- 2. Choose the **Contact** to be edited from the dropdown list.
- 3. Click the **Edit** button to the right of **Contacts**.



The **Contact Information** window will be displayed.

- 4. Change the information for the **Contact** as needed.
- 5. Click the **Update** button to save or click the **Cancel** button to discard changes.



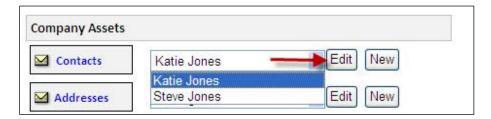
The changes will be saved.

TO DELETE A CONTACT

1. Click the Company Data button in the Administrative Panel on the Customer Dashboard.



- 2. Choose the **Contact** to be deleted from the dropdown list.
- 3. Click the **Edit** button to the right of **Contacts**.



The **Contact Information** window will be displayed.

4. Click the **Delete** button to delete or click the **Cancel** button to exit without deleting.



The contact will be deleted.

Note: To modify other **Company Assets**, follow the same steps as listed above for **Contacts**.

ADDRESSES

The Mailing and Physical address information is stored here for the company.

- The Mailing address will be the default address used if the **Delivery Method** of **Mail** is chosen for a permit.
- The Physical address will be the default address used if the **Delivery Method** of **Courier** is chosen for a permit.

Note: To edit Address information, follow the same steps listed in the Contacts section.

RENEWAL

Companies will have the option to enter up to three (3) addresses into the company profile for **Renewal Notices** to be mailed out automatically. Notices will be sent out to customers that have permits expiring in 45 days. These notices will be emailed and sent by USPS First Class mail. Emailed notices will be sent on the first day of the month. Mailed notices will be sent on the first business day of the month.

YARDS

Some companies divide their operations into separate operating units. These operating units may be called Yards, Divisions, Terminals, or another preferred terminology. The TxPROS system allows customers to divide their fleet into separate operating units and uses the term **Yards** to define these. Vehicles can be assigned to a **Yard**. Permits requested for these vehicles will be assigned to the vehicle's **Yards**. For some companies, this capability facilitates searching for permits and reporting on permitting operations. This **Yard** capability is provided by MCD as a service to its customers and is optional. Customers are not required to use this service. Permits ordered by MCD permit specialists will not have **Yard** information.

Note: To edit **Yard** information, follow the same steps listed in the **Contacts** section.

USERS

TxPROS Users will have the ability to log in to the TxPROS system and order permits. The person who creates the company account will be designated as an **Account Supervisor** and have the ability to add new **Users** to the company account. When a **User** is added they will be designated as an **Account Supervisor** or as a **User**. Only **Account Supervisors** can add, edit, and delete other **Users**. This is also where a User's Password can be reset.

Note: To edit User information, follow the same steps listed in the Contacts section.

TO DEACTIVATE A USER

 Follow the same steps as editing a User but click the Deactivate button rather than Update. This User will not be able to log in to the system.

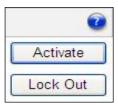
Note: Only Customer Users set up as a Supervisor can deactivate another User for the company.

TO ACTIVATE A DEACTIVATED USER

When a **User** is deactivated, the button will change to say **Activate**.

1. To activate a deactivated **User**, follow the same steps as editing a **User** but click the **Activate** button rather than the **Deactivate** button.

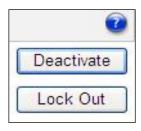




TO UNLOCK A USER

Should a **User** become locked out of the system due to too many attempts to log in with the incorrect log in information, a company Supervisor can unlock them. Once a **User** is locked out, the **Lock Out** button will change to **Unlock**.

1. Click the **Unlock** button to allow the **User** to log in to the system.





VEHICLES

A company can choose to keep a listing of its vehicle inventory. These **Vehicles** can be used to populate information on the permit application. **Vehicles** may include trucks, trucks/tractors, and or trailers. **Vehicles** can also be assigned to a Yard to aid in reporting by yard or location. Yards must be entered in the **Yard Company Data** before assigning to a vehicle.

Note: To edit **Vehicle** information, follow the same steps listed in the **Contacts** section.

REPORTS

The **Reports** function in the **Administrative Panel** on the **TxPROS Customer Dashboard** allows users to run a **Customer Journal Report** in different formats that will help track their permitting activity.

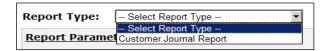
TO RUN A CUSTOMER JOURNAL REPORT

1. Click the **Reports** button in the **Administrative Panel** on the **Customer Dashboard**.

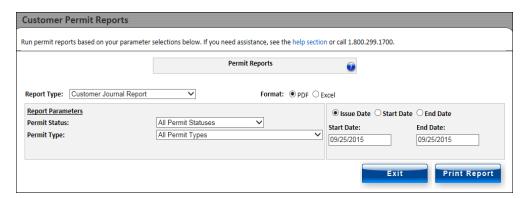


The Customer Permit Reports screen will be displayed.

2. Choose the Report Type from the **Report Type** dropdown list.



Once the particular report is chosen, the Report Parameters will be displayed.

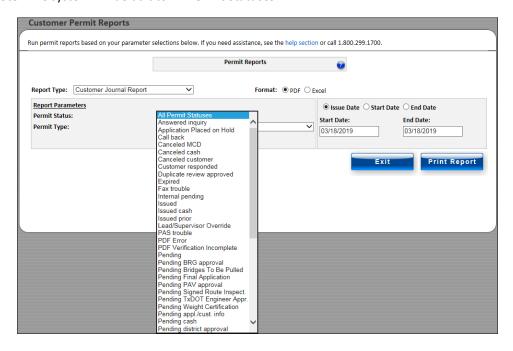


3. Select a format type from the **Format** radio buttons.



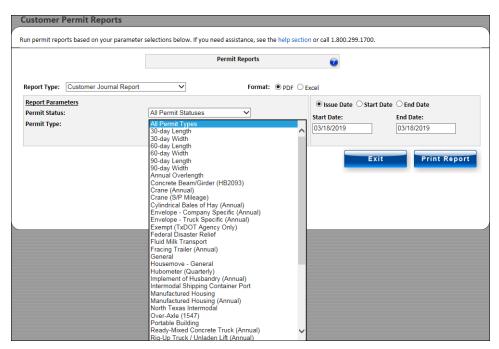
4. Choose the permit status from the **Permit Status** dropdown list to narrow the search criteria.

Note: The system will default to All Permit Statuses.



5. Choose the Permit Type from the **Permit Type** dropdown list.

Note: The system will default to All Permit Types.



- 6. Select the desired permit date search format from the following options:
 - Issue Date
 - Start Date
 - End Date

Chapter 1 Welcome to TxPROS Online Customer Interface

- 7. Enter the starting date of the search into the **Start Date** field.
- 8. Enter the ending date of the search into the **End Date** field.
- 9. Click the **Print Report** button.



The report will be displayed in the format requested, in a new web browser window. This report can be viewed, saved, or printed.

- 10. Close the additional web browser window to return to the *Customer Permit Reports* screen.
- 11. Click the **Exit** button or click the **Home** button to return to the **Customer Dashboard**

BID ROUTE

The **Bid Route** feature will allow a user to enter a truck and its load dimensions to create a route without submitting a permit application to TxDMV. This feature is provided as a service for quoting loads. A valid permit and route will be required for travel. This feature does not take into account loads that require axle spacing and weight entry. The supplied route cannot be guaranteed and should not be used on the date of travel. This tool is for quoting purposes only.

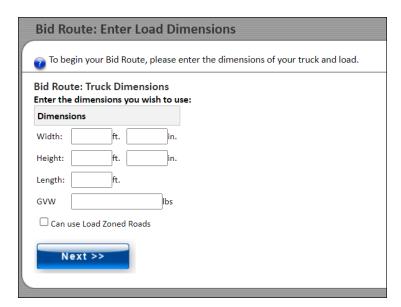
TO USE BID ROUTE

1. Click the Bid Route button in the Administrative Panel on the Customer Dashboard.



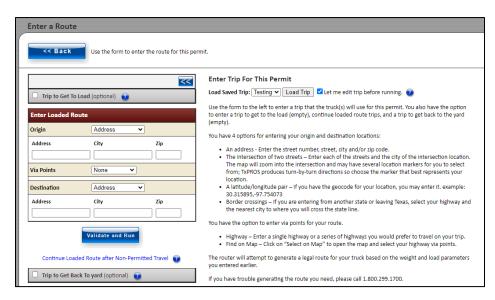
2. Enter the load dimensions and other fields into the *Bid Route: Enter Load Dimensions* screen.

Note: If the fields are left blank, the system will assume the dimensions are legal and will route accordingly.



3. Click the **Next** button to continue.

The **Enter a Route** screen will be displayed.



- 4. Proceed to enter a trip as described in the Enter a Route Screen section on page 87.
- 5. Once the route points are entered, click the Validate and Run button and review the route results.

Note: If the route needs to be altered, click the **Expand** Chevron to expand the **Enter Loaded Route Panel**Change the Origin or Destination points or add in one or more Via Points.

6. Once satisfied with the route results given for the quote, click the **Return to Dashboard** link to return to the **Customer Dashboard**.

TIME PERIOD ROUTE

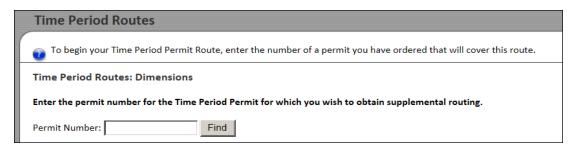
The **Time Period Rte** function will allow for a TxDMV approved route to be generated for time-based permits. These routes are good for a configurable number of days, as defined by TxDMV, after the route has been generated.

TO GENERATE A TIME- BASED ROUTE

1. Click the Time Period Rte button in the Administrative Panel on the Customer Dashboard.

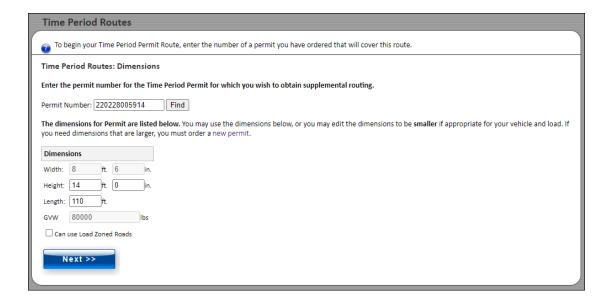


The **Time Period Routes** screen will be displayed.



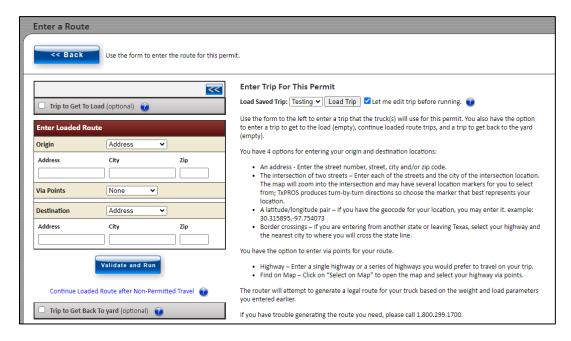
Enter the Permit Number for a time-based permit assigned to the company and click the **Find** button.
The dimensions that were saved to the permit during the Order Permits process are displayed in the
Dimensions fields. The saved dimensions can be used, or the Company User can enter dimensions
that are less than the ones shown on the screen.

If the Company User enters a Permit Number that is not a time-based permit or a Permit Number for a company other than they own, the system will not find the permit.



3. Click the **Next** button.

The **Enter a Route** screen will be displayed.



- 4. Proceed to enter a trip as described in the Enter a Route Screen section on page 87.
- 5. Once the route points are entered click the Validate and Run button and review the route results.

Note: If the route needs to be altered, click the Expand Chevron to expand the Enter Loaded Route Panel



EXEL. Change the Origin or Destination points or add in one or more Via Points.

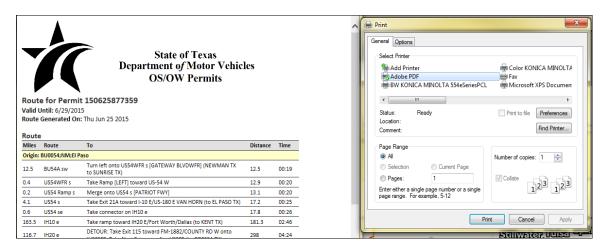
After the trip has been calculated, it can be printed to be used with the permit.

6. Click the Print Route link at the top of the Enter Loaded Route Results Panel to print.

To use this route, click the Print Route link and carry a copy of the route with permit number 150625877359. After printing, or if you wish to cancel, click the Return to Dashboard link. This route is valid until 6/29/2015

- Print Route
- · Return to Dashboard

A window will be displayed allowing the Company User to print the route. The printed document will reference the Permit Number entered and will only be valid for four days after the route was printed/generated.



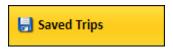
- 7. Click the **Print** button to print the route.
- 8. Close the *Time Permit Route* window to return to the *Enter a Route* screen.
- 9. Click the **Return to Dashboard** link to return to the **Customer Dashboard**

SAVED TRIPS

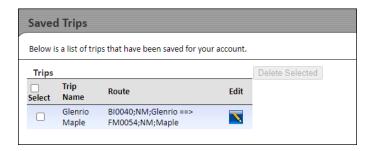
The **Saved Trips** function in TxPROS allows Company Users to manage trips that were saved during the Order Permits process. **Saved Trips** are only available to Company Users with a **User Type** of **Supervisor**.

TO EDIT A SAVED TRIP NAME

1. Click the Saved Trips button in the Administrative Panel on the Customer Dashboard.



The **Saved Trips** screen will be displayed.



2. Click the **Edit** button to the right of the trip to be edited.

The **Enter the name for this trip** box will be displayed.



- 3. Enter the new name for the trip in the Enter the name for this trip field.
- 4. Click the **Save Name** button to save the new trip name or click the **Cancel** button to close the **Enter the name for this trip** box without saving the new trip name and return to the **Saved Trips** screen.
- 5. Click the Home button to return to the Customer Dashboard

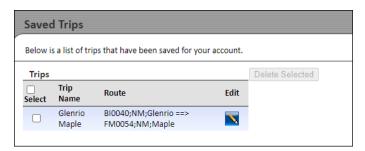


TO DELETE A SAVED TRIP

1. Click the Saved Trips button in the Administrative Panel on the Customer Dashboard.



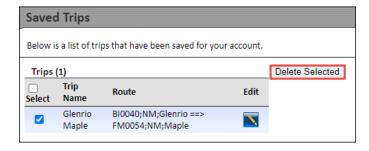
The Saved Trips screen will be displayed.



2. Select the **Delete** checkbox to the left of the trip to be deleted.



The **Delete Selected** button will be displayed.



3. Click the **Delete Selected** button to delete the selected trip or click the **Home** button to cancel deleting the trip and return to the *Saved Trips* screen.

A confirmation message will be displayed.



- 4. Click the **OK** button to delete the selected trip or click the **Cancel** button to cancel deleting the trip and return to the **Saved Trips** screen.
- 5. Click the Home button to return to the Customer Dashboard



HUB ESTIMATOR

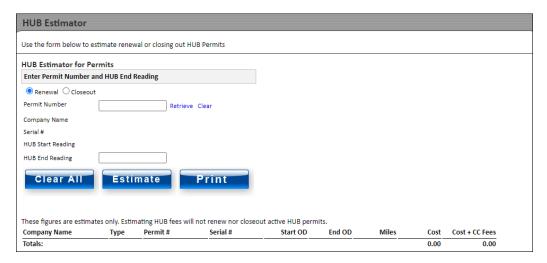
The HUB Estimator function in TxPROS allows Company Users to estimate the cost of their HUB renewal.

TO ESTIMATE A HUB RENEWAL

1. Click the HUB Estimator button in the Administrative Panel on the Customer Dashboard.



The **HUB Estimator** screen will be displayed.

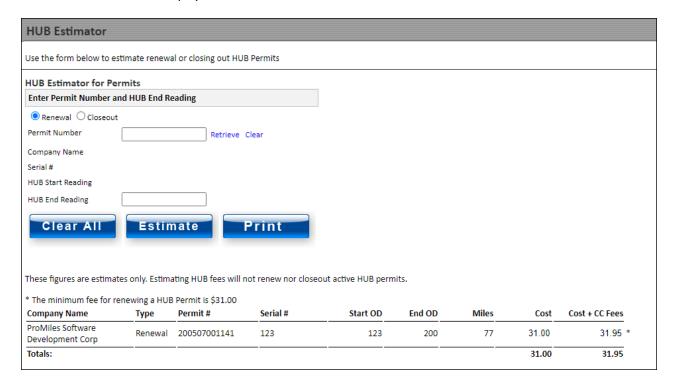


- 2. Enter the HUB Permit Number in the Permit Number field.
- 3. Click the **Retrieve** link to retrieve information for that permit or click the **Clear** link to remove the number entered in the field.

The Company Name, Serial Number, and HUB Start Reading will be displayed for that permit.

- 4. Enter the end reading in the **HUB End Reading** field.
- 5. Click the **Estimate** button to calculate the estimated fee for the renewal.

The estimated cost will be displayed.



- 6. Click the **Print** button to print the Estimate.
- 7. Click the Clear All button to clear all the fields for a new entry.
- 8. Click the **Home** button to return to the **Customer Dashboard**

HUBOMETER

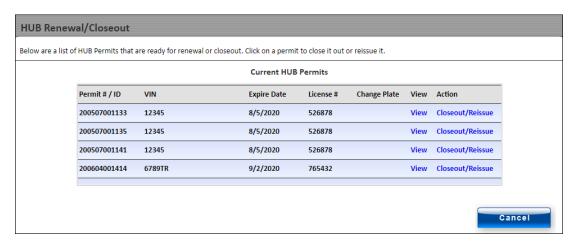
HUB permits are quarterly permits issued for the movement of oil well servicing, drilling vehicles or cranes equipped with a hubometer on the drive axle. The **Hubometer** function in the **Administrative Panel** on the **Customer Dashboard** allows customers to closeout or reissue their HUB permits.

TO VIEW A HUBOMETER PERMIT

1. Click the **Hubometer** button in the **Administrative Panel** on the **Customer Dashboard**.



The HUB Renewal/Closeout screen will be displayed.



2. Click the View link to the right of the desired permit.

The **Permit Details** screen will be displayed for that permit.

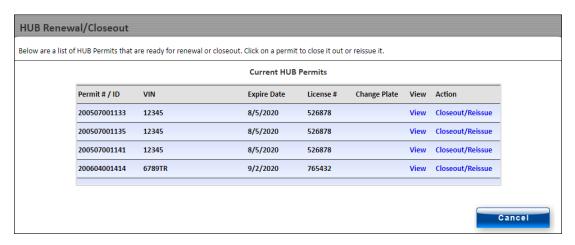
3. Close the *Permit Details* screen to return to the *HUB Renewal/Closeout* screen.

TO REISSUE A HUBOMETER PERMIT

1. Click the Hubometer button in the Administrative Panel on the Customer Dashboard.



The HUB Renewal/Closeout screen will be displayed.



2. Click the Closeout/Reissue link to the right of the desired permit.

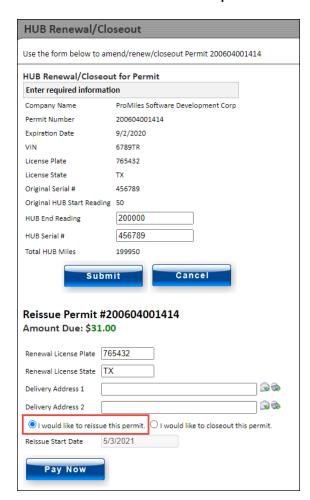
The **HUB Renewal/Closeout** screen will be displayed for that permit.



- 3. Enter the HUB reading in the HUB End Reading field.
- 4. Verify the serial number that auto-populated in the **Serial #** field. Update if necessary.
- Click the Submit button to complete the renewal or click the Cancel button to return to the HUB Renewal/Closeout screen.

The screen will expand allowing the user to reissue and pay the amount currently due.

6. Select the I would like to reissue this permit radio button.

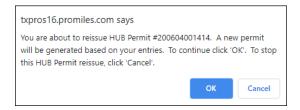


From this screen a user can review/edit the Delivery Address for the reissued permit as well as enter a secondary Delivery Address. The **Reissue Start Date** will default to the current date; however, this date can be changed to a future date.

Note: If you do not enter the correct serial number or if the ending HUB reading is less than the beginning HUB reading from when the permit was first ordered, the system will prompt you with questions or error messages depending on your entry. You must have the correct serial number and HUB reading to complete the Closeout/Reissue process.

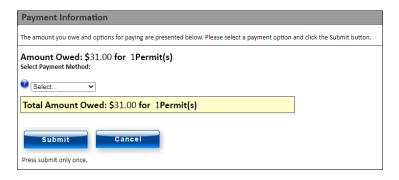
7. Click the Pay Now button to pay the amount due.

A confirmation message will be displayed.



8. Click the **OK** button to continue or the **Cancel** button to return to the **HUB Renewal/Closeout** screen.

The **Payment Information** screen will be displayed.



9. Select the desired method of payment, enter any additional information the system may require such as credit card information, and click the **Submit** button.

Note: Although the original Hub Permit may have been purchased by a Wire Service, the renewal can be requested by the company that holds the permit. The closeout/reissue can be paid by the Wire Service or by the company.

The **HUB Closeout Successful** screen will be displayed.



10. Click the **Return to Dashboard** link to return to the **Home Page** or click the **Return to HUB Permit Closeout** link to closeout or reissue another HUB permit.

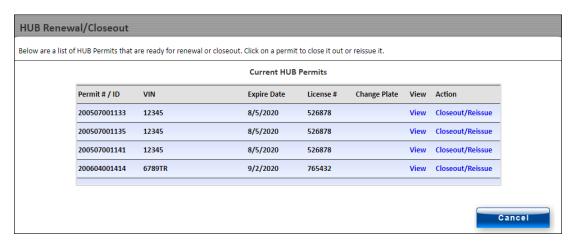
The reissued HUB permit is now available to the customer from their **Customer Dashboard**. The reissued permit will be delivered to the customer using the delivery method(s) selected during closeout/reissue.

TO CLOSEOUT A HUBOMETER PERMIT

1. Click the Hubometer button in the Administrative Panel on the Customer Dashboard.

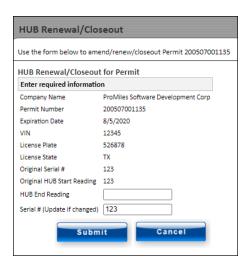


The HUB Renewal/Closeout screen will be displayed.



2. Click the Closeout/Reissue link to the right of the desired permit.

The **HUB Renewal/Closeout** screen will be displayed for that permit.



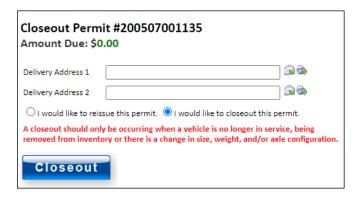
- 3. Enter the HUB reading in the **HUB End Reading** field.
- 4. Verify the serial number that auto-populated in the Serial # field. Update if necessary.
- 5. Click the **Submit** button to complete the closeout or click the **Cancel** button to return to the **HUB Renewal/Closeout** screen.

The screen will expand allowing the user to pay for this permit and close it out.

6. Select the I would like to closeout this permit radio button.



The screen will be refresh, and the **Closeout** button will be displayed.



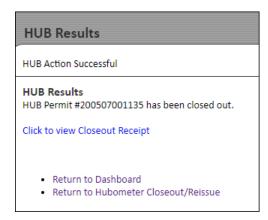
7. Click the **Closeout** button to pay the amount due.

A confirmation message will be displayed.



8. Click the **OK** button to continue or the **Cancel** button to return to the **HUB Renewal/Closeout** screen.

The **HUB Results** screen will be displayed.



9. Click the **Click to view Closeout Receipt** link to view the receipt.

The receipt will be downloaded for display. Close the receipt display to return to the HUB Results screen.

10. Click the **Return to Dashboard** link to return to the **Home Page** or click the **Return to Hubometer Closeout/Reissue** link to closeout or reissue another HUB permit.

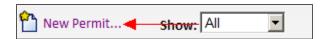
ORDERING A PERMIT

The TxPROS Customer Interface allows customers to create permit applications for OS/OW travel within the State of Texas. If the parameters of the load are within limits set by MCD, the permit can be self-issued by the customer. Permit applications exceeding these limits, or applications that need assistance from the Permit Office, will be submitted to the Permit Office for issuing.

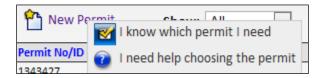
This chapter will deal mainly with applications that are self-issue. If a permit application exceeds the parameter envelopes for self-issue, or if the customer would like assistance from the Permit Office, the application will be submitted to the Permit Office for review. The progress of this permit application can be tracked on the **Customer Dashboard** in the **Permits Panel**. More information regarding applications that are not self-issue, is found in Chapter 3 Generating a Route and Chapter 4 Working with Your Trip Results.

TO CREATE A PERMIT

1. Click the New Permit link in the Permits Panel on the Customer Dashboard.



2. If the Company User knows what type of permit they need, they should choose I know which permit I need. Otherwise select I need help choosing the permit.



Selecting I need help choosing a permit will open the *Permit Wizard* which will ask several questions designed to help determine what permit best fits the needs for this load.

Once the *Permit Wizard* is complete, or if the Company User selected **I know which permit I need**, the *Order Permits* screen will be displayed.

- If ordering a permit for the company, the information entered and saved from the Company
 Information screen will be completed on the Order Permit screen.
- If the user is a Wire Service and the permit is being ordered for another company, enter the Customer Number for the company the permit is being ordered for.
- 3. Choose a primary and, optionally, an additional **Delivery Method** from the dropdown lists. If the delivery method information does not populate, enter the necessary information. If the information does populate from the saved *Customer Data*, but the Company User wants to change it for this permit, they should enter the updated information.

4. The Company User may enter a **Customer Reference** for this permit. This is an optional field on the permit application that enables the Company User to associate a permit to a particular job, job number, or some other internal tracking. This option is not required and has been provided as a service to MCD customers. If information is entered for the **Customer Reference**, the Company User will be able to search for that information and generate a report for all permits associated to that reference. This reference will also print on the permit.

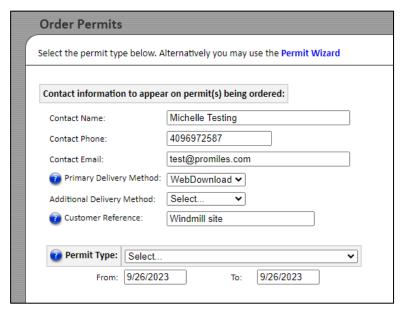


FIGURE 16: CUSTOMER ORDER PERMITS SCREEN

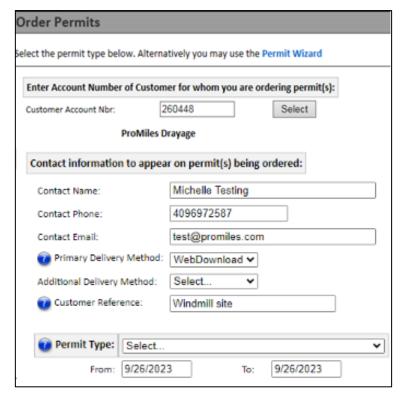
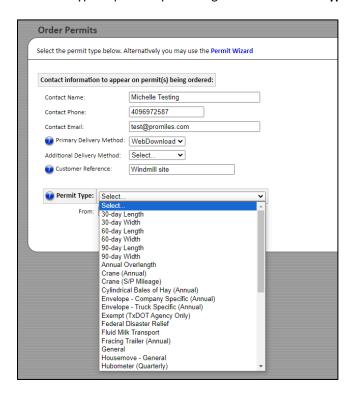


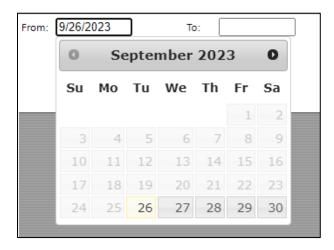
FIGURE 17: WIRE SERVICE ORDER PERMITS SCREEN

5. Select the type of permit by choosing it from the **Permit Type** dropdown list.



Note: After choosing a Permit Type, the **Next** and **Cancel** buttons appear at the bottom.

6. Enter the start date for the permit by clicking in the **From** box and choosing a date from the calendar. The start date cannot be earlier than today and is limited by the Permit Type as to how many days in advance it can be ordered.



The **To** Date will be auto-populate based on the particular permit that is requested. If fewer days are preferred, select an end date.

7. Click the **Next** button to proceed with the permit or click the **Cancel** button to cancel this permit application.

The **Operating Authority** screen will be displayed.

8. Choose the **Operating Authority** information by selecting the **Operating Authority** that will be used for this permit. **Operating Authority** options will be different based on the particular Permit Type selected. If an **Operating Authority** is not required for the Permit Type selected, this screen will not be shown.

Some **Operating Authority** values can be predefined by entering the USDOT number into the **Company Data** screen. See page 34.

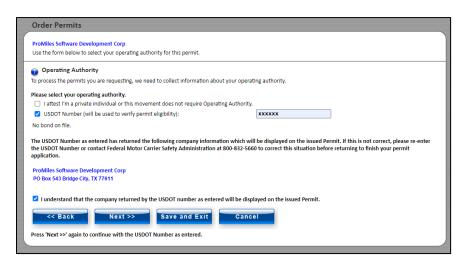


TABLE 5: OPERATING AUTHORITY

Element	Content
Private Individual	Check the box to attest user is a private individual or that this movement does not require Operating Authority. Checking this box requires an explanation to be provided for why an Operating Authority is not required. Entry requires a contact phone and email address.
USDOT Number	Check the box to attest a USDOT number will be provided to verify permit eligibility. The USDOT number entry is required.
USDOT Number Attest	If a USDOT number was provided, the Company Name and address associated to that USDOT number will display. Check the box to attest to understanding that the company returned by the USDOT number query will be displayed on the issued permit PDF.
USDOT Number Warning Message	If the USDOT number cannot be verified, or if the USDOT number is out of service, the permit cannot be completed.

9. Click the **Next** button to proceed with the order process, click the **Save and Exit** button to save the progress and resume the application later, click the **Cancel** button to cancel the permit application, or click the **Back** button to go back to the previous screen.

Note: If the Company User chooses to **Save and Exit** for future use, the saved permit application can be accessed from the **Permits Panel** on the **Customer Dashboard**. Click the **Select** link then click **Resume Permit** to resume this permit application.

TO ENTER TRUCK AND LOAD INFORMATION

1. Enter information about the truck and load in the Order Permits - Truck and Load Information screen.

If the company already saved a vehicle in the **Company Data** screen as described on page 39, the Company User can choose that vehicle from the dropdown list. It will auto-populate the known information about the vehicle into the form.

If the unit the Company User is entering is not in their **Vehicle Inventory** on the **Company Data** screen, the program will ask them if it should add the unit to their **Vehicle Inventory** list. If they choose **OK**, the unit will appear in **Vehicle Inventory** and will be available in the future when ordering a permit. A unit number must be entered to save in the unit list.

Note: For optimal routing, enter exact load dimensions.

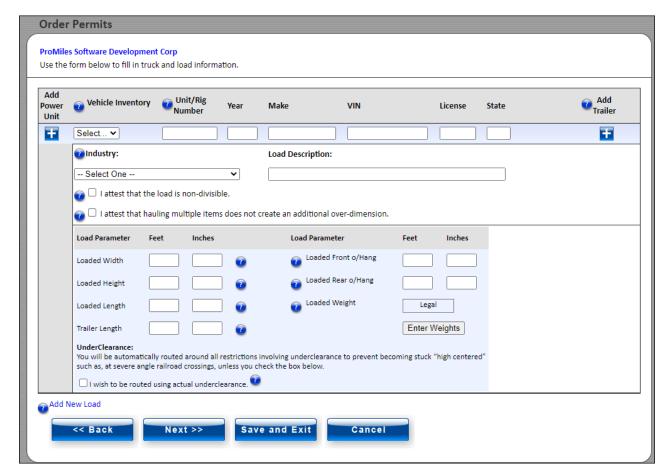


FIGURE 18: TRUCK AND LOAD INFORMATION SCREEN

TABLE 6: SET TRUCK AND LOAD INFORMATION

Element	Function Required				
Vehicle	Information for the vehicle that will be on the permit				
	Add Power Unit	Create another permit for another vehicle on this application. All truck and load parameters and the permit dates must be the same for each vehicle to use this option.	No		
	Delete Power Unit	Delete a permit request for additional vehicles on this application. This only displays if a user has clicked Add Power Unit .	No		
	Vehicle Inventory	List of saved vehicles and trailers in the customer's TxPROS account. This information is set up in the Company Data/Company Assets section.	No		
	Unit/Rig Number	Unit number of the vehicle on the permit	No		
	Year	Model year of the vehicle on the permit	Yes		
	Make	Manufacturer of the vehicle on the permit	Yes		
	VIN	Vehicle Identification Number of the vehicle on the permit	Yes		
	License	License number of the vehicle on the permit	Yes		
	State	State that issued the license for the vehicle on the permit	Yes		
	Add Trailer Icon	Add a line to enter trailer information for the permit.	No		
	Delete Trailer Icon	Delete a permit request for additional trailers on this application. This only displays if a user has clicked Add Trailer .	No		
Trailer	Information for the trailer that will be on the permit. Trailers are not required to be entered for all Permit Types. Some permits will not allow a trailer to be entered; some will require having one entered, while others will allow a trailer to be entered at the user's discretion.				

TABLE 6: SET TRUCK AND LOAD INFORMATION

Element		Function	Required?
	Vehicle Inventory	List of saved vehicles and trailers in the customer's TxPROS account. This information is set up in the Company Data/Company Assets section.	No
	Unit/Rig Number	Unit number of the trailer on the permit	No
	Year	Model year of the trailer on the permit	Yes
	Make	Manufacturer of the trailer on the permit	Yes
	VIN	Vehicle Identification Number of the trailer on the permit	Yes
	License	License number of the trailer on the permit	Yes
	State	State that issued the license for the trailer on the permit	Yes
Industry	An appropriate industry for the items being hauled must be selected from this dropdown list.		Yes
Load Description	A brief description of the load being hauled		Yes
I attest that the load is non-divisible.	By checking this option, the Company User confirms that the load being hauled cannot be broken down further or disassembled as per TxDMV rules. If the load IS divisible then the legally loaded option must be confirmed.		Yes/or below option
I attest that hauling multiple items does not create an additional overdimension.	TxDMV rules. abo		Yes/or above option

Load Measurements

All measurements are performed according to TxDMV regulations. For the legal and maximum load limits, visit the link below:

http://www.txdmv.gov/motor-carriers/oversize-overweight-permits/texas-size-weight-limits

The fields in this section are related to describing the dimensions of the load.

Load Parameter	Dimension values of the load

TABLE 6: SET TRUCK AND LOAD INFORMATION

Element		Function	Required?
	Feet	Number of complete feet and inches of each load parameter. Note 1: The Inches value should be rounded up. For	Yes
	Inches	example, if the Load Width is 13 feet, 7.5 inches, then enter the Feet value of 13, and the Inches value of 8. In situations when inches are not required, round up to the nearest feet.	
		Note 2: This value is not applicable to the Loaded Weight parameter.	
	Loaded Width	Width is measured from the outside points of the wide extremities of the load, excluding safety devices such a flags.	
	Loaded Height	Height is measured from the roadbed to the highest p load or vehicle. Although the system requires a minim 12'6", the Company User must enter the exact loaded greater, for routing safety.	num entry of
	Loaded Length	Length is measured from the front extension of the true the back extension of the trailer or load and must incluorer overhangs. Overhang measurements must also be listed on the permit.	ude all
	Trailer Length	Trailer Length is measured from the front most portion trailer (excludes trailer tongue) to the rear most extens of the trailer. This measurement excludes any load or	ded portion
	Loaded Front o/Hang	Front overhang is the measurement of the portion of the extends beyond the front bumper of the vehicle.	the load that
	Loaded Rear o/Hang	Rear overhang is the measurement of the portion of the extends beyond the rear bumper of a single vehicle or vehicle in a vehicle combination.	
	Loaded Weight	Click on "Enter Weights" to list axle spacings, weights, on the permit application. See <i>Figure 19: Axle Weights</i> illustration and below for Enter Weights description.	

TABLE 6: SET TRUCK AND LOAD INFORMATION

Element		Function	Required?
Enter Weights	the GVW or any axle exceeds legal weight or if required by Permit Type. See Figure 19: Axle Weights Screen for more information. This feature can be used when weights are less than legal, in order to obtain a better		No/unless exceeds legal or Permit Type requires
UnderClearance		rms to TxDMV that the carrier does not want to be rictions involving underclearance.	No
Enter underclearance in inches	If the user selects, I wish to be routing using actual underclearance, enter the underclearance value in inches.		No
Add New Load Add a second truck/load parameter box that can be filled out separate to order two or more permits of the same type at the same time. This would be used for a Rig Move.		re permits of the same type at the same time. This	No
	Copy Previous Load Information When adding a new load (see above), this option ca copy all of the load dimensions into the newly added parameter box.		
	Move Description When adding a new load, a text box displays above the truck, information to name the Rig Move.		e truck/load
	Delete New Load	Delete an additional load if not needed.	
Back	Return to the previous screen.		
Next	Continue to the next screen.		
Save and Exit	Save the permit and load information and exit. This application can be resumed at a later time.		
Cancel	Cancel a permit application.		

2. Click the **Enter Weights** button to enter the appropriate axle weights and spacings if the loaded weight exceeds legal axle or gross weight limits.

Note: If dimensions are not entered in the *Set Axle Weights* screen, the system will assume the dimensions are legal. If the dimensions are less than legal requirements, enter those dimensions in the *Set Axle Weights* screen for a more accurate route.

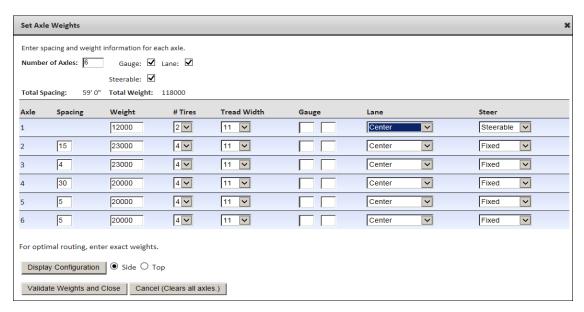


FIGURE 19: AXLE WEIGHTS SCREEN

TABLE 7: SET AXLE WEIGHTS

Element	Function
Number of Axles	Total amount of axles for the load and power unit
Gauge	Show or hide the Axle Gauge column
Lane	Show or hide the Axle Lane column
Steerable	Show or hide the Axle Steer column This option should be selected (shown) if the vehicle has a steering or articulated axle other than the first axle.
Total Spacing	Total axle spacing for the truck and load This is an informative feature that is auto-updated as the Company User enters axles. Spacing cannot exceed vehicle length from the <i>Truck and Load</i> screen.
Total Weight	Total weight for the truck and load This is an informative feature that is auto-updated as the Company User enters weights.
Axle	The order of the axles from the steering axle backwards OR From the first axle on a trailer backwards

TABLE 7: SET AXLE WEIGHTS

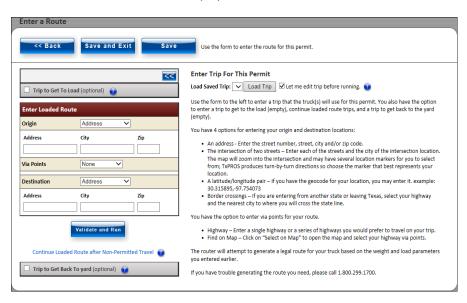
Element	Function	
Spacing	The space between the current axle and the axle in front of it, measured in feet, according to TxDMV regulations Spacing must be entered in whole feet. The minimum spacing between axles is 4	
	feet.	
Weight	The load borne by the current axle	
	Note: The weight measurements are performed according to TxDMV regulations. For the legal and maximum load limits, see the following link:	
	http://www.txdmv.gov/motor-carriers/oversize-overweight-permits/texas-size-weight-limits	
# Tires	Number of tires on the current axle	
Tread Width	Tread width of the tires on the current axle as measured according to TxDMV regulations	
Gauge (Column)	The inside gauge of the axle measured from the inside of inboard wheels	
	Only applicable if part of a trunion.	
Lane (Column)	Indicate the Lane the axle is in. Options include center, left, right, left outrigger and right outrigger.	
Steer (Column)	Indicate if the axle is steerable, articulating, or fixed.	
Display Configuration	Displays the axle configuration in a diagram with a side or top view:	
Comiguration	Axle Configuration X 15	
	Close	
	FIGURE 20: AXLE CONFIGURATION	
Validate Weights and Close	Once weights are entered, this validates that the axle weights and spacings are legal and closes the window.	
Cancel (Clears all axles)	Clears all axle information for this permit application	

3. Enter information about the axle spacings and axle weights of the load.

- 4. Click the **Display Configuration** button to view a side or top view diagram of the axle configuration to confirm settings. Make changes if necessary.
- 5. Click the Validate Weights and Close button.
- 6. Click the **Next** button to continue, click the **Save and Exit** button to save the application and return to the **Customer Dashboard**, or click the **Cancel** button to cancel the permit application.



The Enter a Route screen will be displayed.



Note: For more detailed information on obtaining a route, see *Chapter 3* on page 87. The process described here is meant as a high-level explanation of the Order Permits process.

From this screen the Company User can:

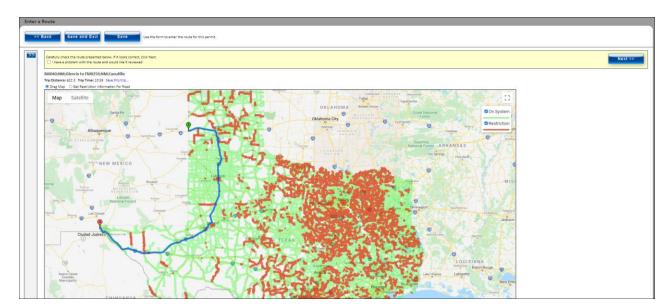
- Generate a simple point-to-point route
- Generate a route through specified map points
- Generate a route over specified highways
- The Company User can generate multiple routes, each with a separate Origin and Destination, when the Company User:
 - Continues Loaded Route after Non-Permitted Travel also known as a split trip
 - Generates a route for an Empty Load, if an unloaded vehicle is oversize or overweight and if it:
 - Must travel empty to pick up the load Trip to Get To Load
 - Must travel empty to a storage facility after dropping its load Trip to Get
 Back To yard

7. Choose the Origins and Destinations to be any combination of specific addresses, intersections, border crossings, and latitudes/longitudes or locations selected on a map.

Note: Each of these multiple routes can be simple point-to-point or routed over specified roadways. For example, the Company User can generate one leg of a split trip as simple point-to-point and select the Origin by an intersection and the Destination by its address. Another leg could stipulate that it will travel over specified roadways, and the Origin could be a Border Crossing and the Destination could be selected by clicking on the map. An Empty Load permit route could be generated at the beginning and end of the trip route.

8. When all routing selections are made, click the **Validate and Run** button.

The **Enter Loaded Route Results Panel** will be displayed. See Enter Loaded Route Results Panel on page 121 for more information.



If the system requires additional information to generate the route, or if it cannot generate a route based on the information provided, the **Validation Results** window gives the opportunity to provide more information or to expand the **Enter Loaded Route Panel** to modify the route details.

When the system has collected sufficient information to generate a route, the **Enter Loaded Route Results Panel** will display the route and additional information about the route.

Note: If the route needs to be altered, click the **Expand** Chevron to expand the **Enter Loaded Route Panel**.

Note 2: For more detailed information on obtaining a route, see Chapter 3 on page 87.

9. If the trip is not satisfactory and needs to be reviewed, click the checkbox located at the top of the **Enter Loaded Route Results Panel**, indicating there is a problem with the route provided.

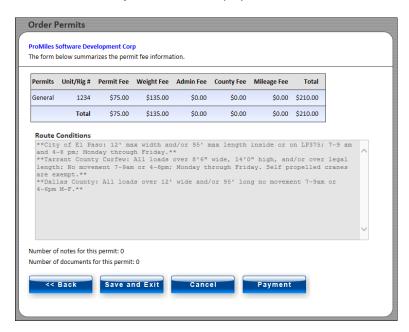


An additional box will be displayed. Enter the problems with the route that need to be reviewed.



10. If the trip looks satisfactory, or if the route needs to be reviewed, click the **Next** button on the top right of the map.

The **Permit Summary** screen will be displayed.

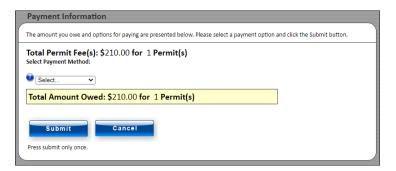


Note: From this screen the Company User can review the payment and route information, add or review notes for the permit application, or attach and/or review documents for the permit application. The Company User can also go **Back** one page, **Save and Exit** to continue at a later time, **Cancel** the permit application, or click the **Payment** button to continue to the **Payment Information** screen.

11. Click the Payment button.



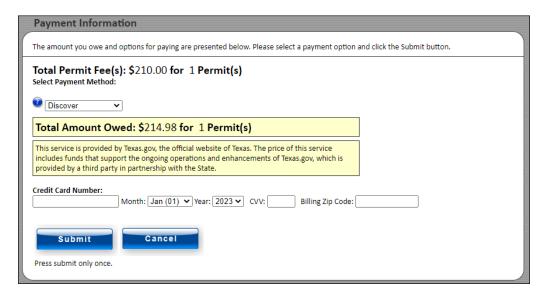
The **Payment Information** screen will be displayed.



12. Select the appropriate payment method from the dropdown list.

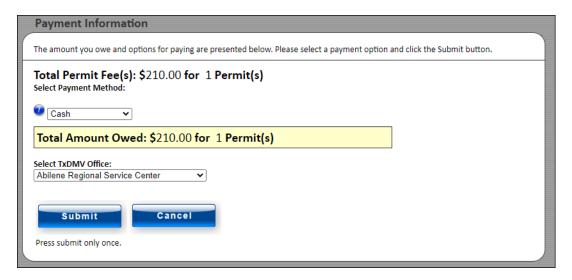


Depending on the payment method selected, additional information will need to be provided such as the credit card number, PAC Number, or the ID Number for a Comptroller Transmittal.



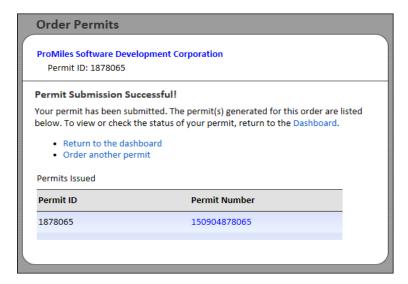
For cash payments, select the Regional Service Center where the payment will be made.

Note: Cash permits cannot be accessed until paid for at the selected location.



13. Once complete click the **Submit** button to finalize the process or click the **Cancel** button to select another payment option.

If the payment is approved the Company User will be presented with the *Permit Submission Successful* page. This page will list the Permit ID and the Permit Number. If the permit has been issued, it can be accessed through the link that is the **Permit Number** as well as on the **Customer Dashboard**. The Company User will receive the permit via the delivery method selected when this order originated.

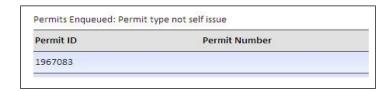


- 14. To order another permit, click the Order another permit hyperlink, or click the Permit Wizard button.
- 15. Click the **Return to the Dashboard** link or click the **Home** button to return to the **Customer Dashboard**

Note: Wire Services are responsible for delivering the permit to the Customer. TxPROS delivers the permit to the Wire Service. The Permit PDF will be available from the **Wire Service Dashboard**.

PERMIT ENQUEUED

When the Company User orders a permit that is not self-issue, the system will allow them to go through the permit application process from start to finish including gathering information for the payment once the application is complete. Instead of the **Payment Successful** message, they will be notified that their permit is enqueued or that it has been placed in a Permit Office queue for processing. The application will have a **Permit ID** as a reference number. They will not have a Permit Number and the payment will not be processed until the permit is issued.



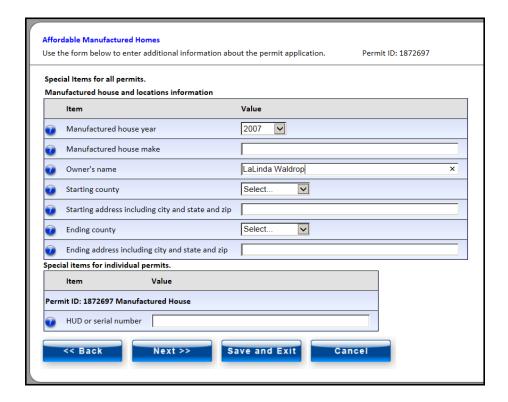
Permit applications that are enqueued can be found in the **Permits Panel** on the **Customer Dashboard** listed by the **Permit ID**.

OTHER PERMIT ENTRY SCREENS

The TxPROS system will display other application screens depending on the Permit Type.

Certain Permit Types require special data items to be provided for the permit. Manufactured Housing is an example of such a permit. These items are entered using the *Special Items* screen. Each *Special Items* screen will be different based on the information needed. Hover over the question marks for additional information for each field.

MANUFACTURED HOMES



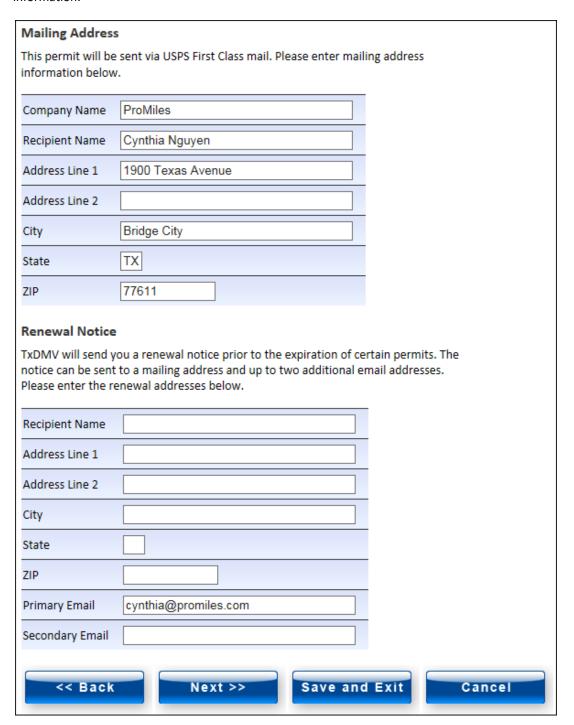
Permits such as the Over-Axle (1547) and Ready-Mixed Concrete Truck (Annual) permits require the user to select the counties to include on the permit. The counties are selected using the *County Information* screen.

COUNTY INFORMATION



MUST MAIL PERMITS

Permits that must be mailed have a screen for the user to enter a mailing address and renewal notice information.



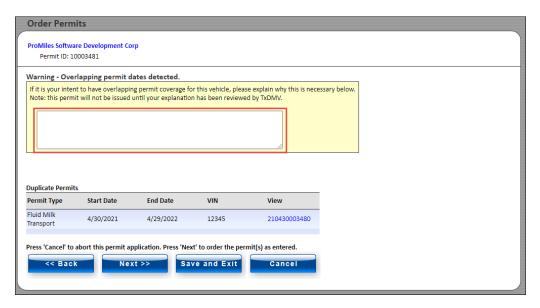
The table below describes all possible fields that could display for mailing information.

TABLE 8: MAILED PERMITS - MAILING ADDRESS INFORMATION DETAILS

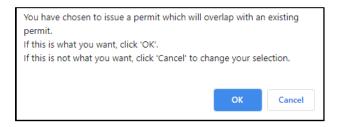
Element	Content
Company Name	The name of the company where the permit is being delivered
Recipient Name	The name of the individual person at the company who the permit should be addressed to
Address Line 1	The company's mailing address. This is pulled from the data entered in Contact Information under Company Data . The information can be changed in this screen to the address for permit delivery.
Address Line 2	Additional company mailing address information. This is pulled from the data entered in Contact Information under Company Data . The information can be changed in this screen to the address for permit delivery.
City	The city related to the company's mailing address. This is pulled from the data entered in Contact Information under Company Data . The information can be changed in this screen to the city for permit delivery.
State	State related to the company's mailing address. This is pulled from the data entered in Contact Information under Company Data . The information can be changed in this screen to the state for permit delivery.
Zip	The ZIP code related to the company's mailing address. This is pulled from the data entered in Contact Information under Company Data . The information can be changed in this screen to the ZIP for permit delivery.
Primary Email	The company's email address
Secondary Email	The company's secondary email address

OVERLAPPING PERMITS

TxPROS will detect if a permit(s) for the same company, for the same vehicle (VIN), with overlapping travel dates is being ordered. TxPROS will prevent customers from issuing the overlapping permit(s), but it can be submitted to MCD for review and approval. TxPROS will require the customer to type an explanation in the text box provided. After the customer enters payment information, TxPROS will move the permit to the specific queue for that Permit Type.



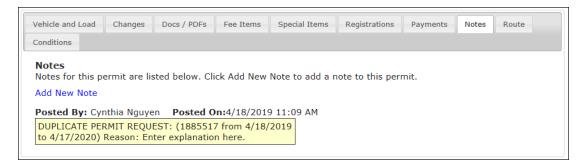
When an explanation is provided to explain the reason for the duplicated permit, a verification message will be displayed.



Click **OK** to view the *Permit Summary* screen. Once the payment method is selected, the *Permit Submission Successful* screen will be displayed.

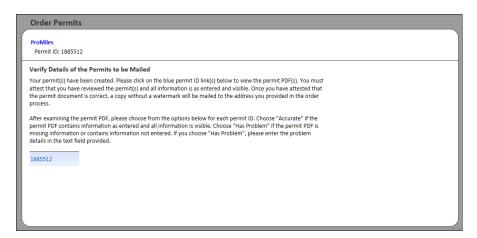


Once the permit is enqueued, a permit note is created with the customer name, the reason the customer requested a duplicate permit, the overlapping permit numbers (IDs), and travel dates for each permit. A supervisor override is required to issue the permit with overlapping travel dates.



TO ATTEST THAT PERMIT PDF IS ACCURATE

- 1. Begin the permit application process as described on page 59.
- 2. After the *Payment Information* screen, the Permit PDF needs to be verified by the user.

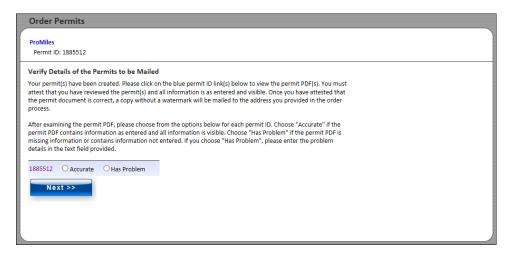


3. Click the Permit ID link.

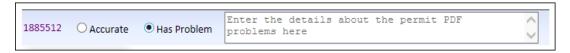
The **Permit PDF** will be displayed in a new window.

4. After viewing the PDF, click the original window tab to return to the Order Permits screen.

The **Order Permits** screen will now display options for the Company User to attest to the Permit PDF. The Company User must choose one of the two radio buttons for every permit to move forward.



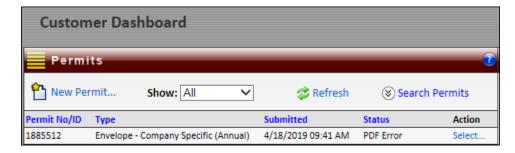
5. If the Company User clicks the Has Problem radio button, a text field will be provided.



6. Enter the details about the Permit PDF in the text field.

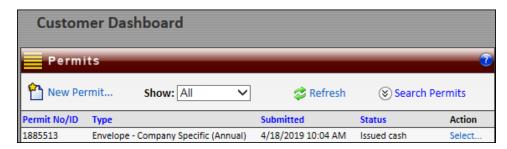
7. Click the **Next** button to submit the permit.

Note: The permit application can be found in the **Permits Panel** on the **Customer Dashboard** listed by the Permit ID with the status of PDF Error.



8. Click the **Approve** radio button and click the **Next** button to submit the permit.

Note: The permit application can be found in the **Permits Panel** on the **Customer Dashboard** listed by the Permit ID with the applicable status.



Note: If the permit application is paid for but not attested, the status will be Issued for 35 minutes. After that timeframe, the status will change to PDF Verification Incomplete.

TO CREATE A PERMIT THAT REQUIRES AN UPLOAD WEIGHT CERTIFICATION

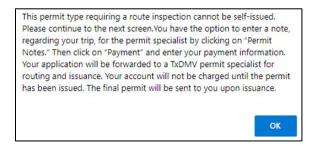
TxPROS will perform evaluations to determine if a weight certification is required. If a weight certification is required, then the user will be prompted by a new window to upload a weight certification. If a weight certification is required and not uploaded, the system will prevent issuance of the permit.

- Select the Permit Type of Housemove General.
- 2. Enter and **Origin** and a **Destination** on the **Enter a Route** screen.



3. Click the Validate and Run button.

A message will be displayed.



4. Click the **OK** button on the *Confirmation Message* screen.

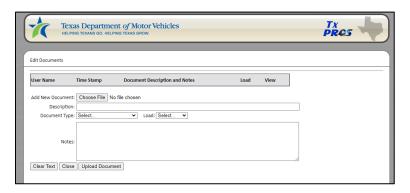
The Weight Certification screen will be displayed.



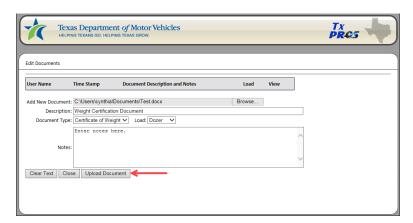
5. Click the **Upload Weight Certification** link to upload a document or click the **Next** button to continue the permit application.

If the Company User clicks the **Upload Weight Certification** link, the **Edit Documents** screen will be displayed.

Note: If the Company User clicks the Next button, the permit application will continue.



- 6. Click the **Choose File** button to upload the document.
- 7. Once all information is complete, click the **Upload Document** button.



- 8. The document will show the document was uploaded successfully.
- 9. Click the **Close** button to return to the **Order Permits** screen.

The **Order Permits** screen will be displayed.

- 10. Click the Next button.
- 11. Click the Payment button to complete the method of payment or click the **Cancel** button to cancel the permit order without submitting the permit for purchase.

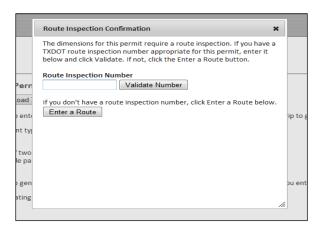
ROUTE INSPECTION LOADS

If the truck and load have dimensions that require a **Route Inspection** as determined by TxDMV, the customer is required to perform a route survey for the trip and return the signed **Route Inspection** form to TxDMV. Once the **Route Inspection** form has been received and approved, users are able to issue permits using this route survey.

TO ENTER A PERMIT THAT REQUIRES A ROUTE INSPECTION

1. Begin the permit application process as described on page 59.

Once all truck and load information has been entered, the **Route Inspection Confirmation** window will be displayed.



• If the Company User has a valid Route Inspection for the dimensions and route, they should enter the Route Inspection Number and click the Validate Number button. If the Route Inspection is validated, the system will enter the route from the previously approved Route Inspection, the user can then pay for and issue the permit.

The **Route Inspection** will be validated if all of the following criteria are met:

- a. The dimensions on the route does not exceed the dimensions on the previously approved **Route Inspection**,
- b. The Route Inspection is not expired, and
- c. The route is exactly the same.
- If the user needs to create a new **Route Inspection** form, click the **Enter a Route** button. The system will allow the user to enter the route and print a **Route Inspection** form. After the customer performs the route survey, they can fax or mail the **Route Inspection** form back to MCD as instructed on the **Route Inspection** form. The **Route Inspection ID** will now be displayed on the permit entry screens and the permit will have a status of *Unfinished*. When the **Route Inspection** form is received by MCD and approved, it is marked as **Approved** in TxPROS. The customer is notified by email or fax that the **Route Inspection** has been approved. For more information about this process, visit http://www.txdmv.gov/oversize-weight-permits/route-inspections.

Note: To search for a Route Inspection Number in TxPROS, see Route Inspections on page 28.

After the **Route Inspection** has been approved, the customer is able to resume the permit process and enter the **Route Inspection Number** into the screen above and issue the permit.

- 2. Once the approval is received, locate the Permit ID in the Permit Panel on the Customer Dashboard.
- 3. Once the permit is located in the queue, click the **Select** link then click **Resume Permit** to resume permit creation.
- 4. Click the **Next** button until the user is prompted to enter the **Route Inspection Number**.
- 5. Enter the Route Inspection Number and click the Validate Number button.
- 6. A pop-up window will be displayed stating if the **Route Inspection Number** is valid.
- 7. Click the **OK** button to view the trip details.
- 8. Complete the permit approval and payment process.

Note: Route Inspection approvals are valid for a predetermined number of days set by TxDMV. **Route Inspections** can only be reused for additional trips with the same or lower dimensions and the exact same route. If the dimensions increase, or the route changes, a new **Route Inspection** form will need to be completed and approved.

Note: A permit can be edited after a **Route Inspection** form has been printed, submitted, and/or approved; however, if changes are made to the route or if dimensions are increased, the **Route Inspection** form and/or approval are no longer valid. A new **Route Inspection** form must be completed and approved.

ENTER A ROUTE SCREEN

The *Enter a Route* screen is the starting point for generating a route.

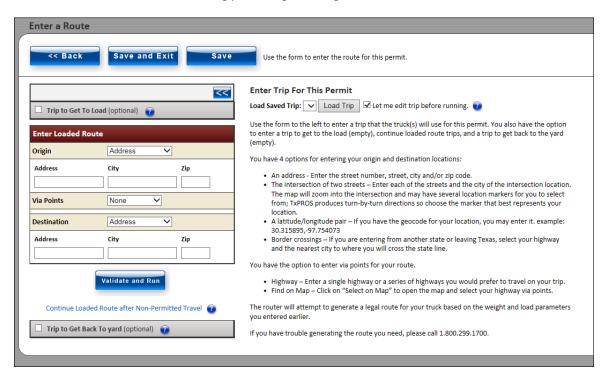


FIGURE 21: ENTER A ROUTE SCREEN

TABLE 9: ENTER A ROUTE SCREEN ELEMENTS

Element	Function
Back Button	Click to go back one page in the permit application process.
Save and Exit Button	Click to save progress and exit the permit application.
Save Button	Click to save progress.
Enter Loaded Route Panel	The Enter Loaded Route Panel is used to enter details about routes to be generated. See <i>Enter Loaded Route Panel</i> on page 88 for more information.
Enter Trip For This Permit Panel	The Enter Trip For This Permit Panel provides information on Origin and Destination location options. See <i>Enter Trip For This Permit Panel</i> on page 120 for more information.
Enter Loaded Route Results Panel	The Enter Loaded Route Results Panel provides an overview of the current generated route. See <i>Enter Loaded Route Results Panel</i> on page 121 for more information.

ENTER LOADED ROUTE PANEL

The Enter Loaded Route Panel is used to enter the following details about routes to be generated:

- The Origin/Destination of the route (see page 91)
- Path conditions of the route such as the Via Points it should pass through or the roadways it should attempt to use (see *page 109*)
- Whether the permit needs to include getting the vehicle to the load or return the vehicle to the yard (see *pages 117 thru 119*)
- Multiple route segments each with a separate Origin and Destination when the user uses the
 Continue Loaded Route after Non-Permitted Travel feature (see page 112)

The fields and options vary based on the selections.



FIGURE 22: ENTER LOADED ROUTE PANEL

TABLE 10: ENTER LOADED ROUTE PANEL ELEMENTS

Element	Function		
Route Area			
Origin/Destination dropdown lists	The beginning and ending locations of a route. The available fields for each vary based on the way the user selects the Origin or Destination. See Selecting an Origin and Destination on page 91 for more information.		
Via Points dropdown list None option	Select to generate a basic point-to-point route with no specified Via Points or highways. See <i>Point-To-Point</i> on page 103 for more information.	Note: The user can also use any of these	
Via Points dropdown list Highway option	Select to display fields to specify road names to use in the route. See <i>Highway Names</i> on page 104 for more information.	methods for the Continue Loaded Route after Non- Permitted Travel	
Via Points dropdown list Find on Map option	Select to display the Select on Map link to pick a location from the map. See <i>Find On Map</i> on page 109 for more information.	feature or an Empty Load permit route.	
	Additional Routes Area		
Trip to Get to Load	to Load Select to display an extra Route field for an oversize/overweight truck to drive empty to the location of the load.		
Trip to Get Back to yard	Select to display an extra Route field for an oversize/overweight truck to drive empty from dropping off the load to a storage location.		
Continue Loaded Route after Non- Permitted Travel	Select to display extra Route fields for two or more separate routes under the same permit.		
Additional Route Details			
Validate and Run Click to generate a route based on the selections. This action will collapse the Enter Loaded Route Panel. The user can expand the panel to change the route choices by clicking the Expand Chevron icon.		•	

Types of Routes

The following types of routes can be generated:

- From one location to another location (see page 103)
- From one location to another location through specified Via Points selected on the map (see page 109)
- From one location to another location along specified roadways or through specified intersections (see *page 104*)

The user can use the above options to do any or all of the following:

- Generate a split trip (see Continue Loaded Route after Non-Permitted Travel on page 112)
- Add a leg to the beginning of the route for the vehicle to pick up the load (see *Generate a Route with an Empty Load Route for Before the Trip* on page 117)
- Add a leg to the end of the route to drop the unloaded vehicle to a storage yard (see Generate a Route with an Empty Load Route for After the Trip on page 119)

SELECTING AN ORIGIN AND DESTINATION

When generating a route, the user can enter the details of the Origin or Destination using a variety of methods. Different fields are available depending on the method the user chooses. The methods are:

- Address (see below)
- Intersection (see page 94)
- Border Crossing (see page 97)
- Location select on a map Lat/Lon/Map (see page 98)

By Address

TO ENTER A SPECIFIC ADDRESS OF AN ORIGIN OR DESTINATION

- 1. Begin a permit application to the point of entering a route as described in *To Create a Permit* on page 59.
- 2. In the Enter Loaded Route Panel, in an Origin or Destination field, select Address.

The fields change to allow the user to enter the details regarding the address.

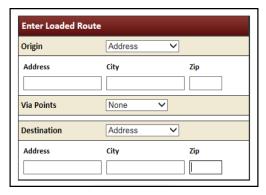
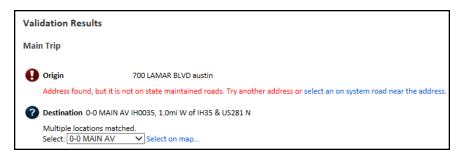


FIGURE 23: ENTER ROUTE POINTS: ORIGIN OR DESTINATION ADDRESS

- 3. Enter a street address in the Address field.
- 4. Enter the City and/or ZIP code of the address in the City and Zip fields.
- 5. Enter the remainder of the Origin and Destination and click the Validate and Run button.

If the user has entered an address that TxPROS cannot find, the system will display messages to assist in location selection:



- 6. Re-enter the trip trying a different address or using the system suggestions.
- 7. Click the **Validate and Run** button.

The **Enter Loaded Route Results Panel** will be displayed.

Note: When the system no longer has any problems with the address information or any other location entered, the **Enter Loaded Route Results Panel** displays the route. Review the route and driving directions. Expand the **Enter Loaded Route Panel** if any changes are necessary. Changes will require the user to click the **Validate and Run** button to update the route.

8. Click the **Next** button to continue the permit application process.

Note: The user has the option to click the **Save and Exit** button to save their progress and return to the **Customer Dashboard**, to **Cancel**, or to submit a **Payment**.

TABLE 11: VALIDATION RESULTS SCREEN OPTIONS

Element	Function	
Location	Submitted routing point	
Туре	Routing point type so	elected from the Enter Loaded Route Panel
	Address	Route point is a street address and city, and/or ZIP code.
	Intersection	Route point is the intersection of two roadways. The user has the option of specifying a city.
	Border Crossing	Route point is a border crossing.
	Lat/Lon /Map	Route point is a location on the map manually selected by the user.
Alternatives	Potential routing points based on the information entered in the Enter Loaded Route Panel	
Ø	Route points that the system has successfully resolved are labeled with a check mark.	
?	Route points that have multiple potential resolutions are labeled with a question mark.	
•	Route points that cannot be resolved by the system are labeled with an exclamation mark. If the results contain the message: Address found, but it is not on state maintained roads. Try another address or select an on-system road near the address; adjust the route points or click the link to pick a location on the map.	

TABLE 11: VALIDATION RESULTS SCREEN OPTIONS

Element	Function
Run Trip Button	Click to continue generating a route after selecting from multiple potential resolutions. This button is only displayed when at least one route point is labeled with: and no route points are labeled with:
Edit Route Button	Click to return to the Enter Loaded Route Panel to re-enter the route point information.
Validating Button	Displayed while the system calculates a route and as long as no route point is labeled with:

Helpful Hints:

If the system cannot locate the entered address:

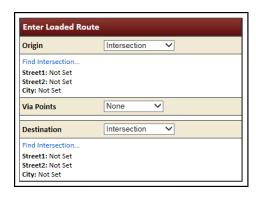
- Verify the address. If the address is correct, verify the spelling.
- Some addresses, especially industrial location addresses may not be in the system.
- If the address includes prefix direction such as N, NE, etc., try the address without the prefix.
- If the address includes indicators such as road, street, drive, etc., try the address without those indicators.
- If the address entered is not on a state-maintained road, the system will suggest the user enter another address or use the **Find on Map** feature as described on page 108.

By Intersection

TO SELECT AN ORIGIN OR DESTINATION USING AN INTERSECTION

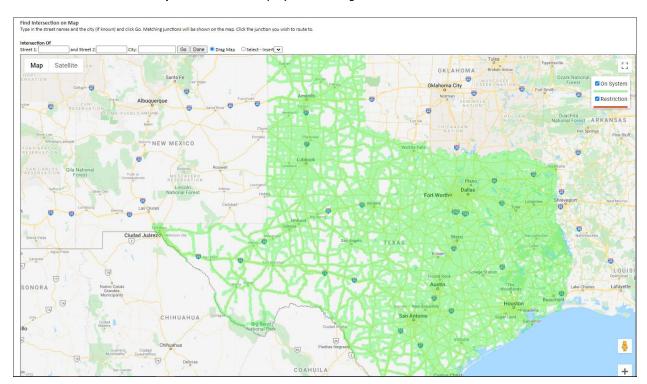
- 1. Begin a permit application to the point of entering a route as described in *To Create a Permit* on page 59.
- 2. In the Enter Loaded Route Panel, in an Origin or Destination field, select Intersection.

The fields change to allow the user to enter the details regarding the intersection.

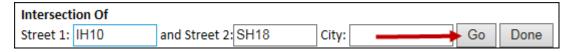


3. Click the **Find Intersection** link beneath Origin or Destination.

The **Find Intersection on Map** screen will be displayed to the right.



- 4. Enter the two street locations in the **Street 1** and **Street 2** boxes. The user can also enter a city, but it is not required. If the user is not certain of the city boundaries, they may get better results without the city name. If the streets are Texas highways, the street names should be entered using the TxDOT standard names. See *Table 14: Official TxDOT Highway* Names on page 108.
- 5. Click the **Go** button.



Note: If the user clicks the **Done** button instead of the **Go** button it will take them back to the **Enter Loaded Route Panel** to make a different routing selection.

All of the possible intersection matches will be displayed on the map, each marked with a numbered pushpin.



FIGURE 24: INTERSECTION LOCATION FOUND

6. Zoom in and click the pushpin that marks the desired location. That location will be added to the **Origin** or **Destination** field to the left.

Element

Description

Zoom Level

Click the Zoom Level icons (+/-) to zoom in and out of the center of the map.

Full Screen

View

Click to view map in full screen view

Full Screen View

Full Screen View

Full Screen View

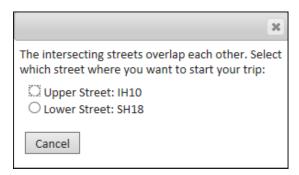
Click to view map in full screen view

TABLE 12: MAP ZOOM TOOL

See Map Zoom Operations on page 102 for additional map zoom operations.

If an intersection has multiple possible matches, at the same location, the pushpin will be split. This denotes a possible upper and lower location found. These split locations are typically found at overpasses, etc. When the user clicks one of these split locations, a pop-up window will be displayed listing the upper and lower locations for that intersection.

7. Choose the proper location to continue or click the **Cancel** button to close the pop-up window.



8. Enter the remainder of the Origin and Destination and click the Validate and Run button.

The **Enter Loaded Route Results Panel** will be displayed showing the route.

Note: When the system doesn't have any problems with the information entered, the **Enter Loaded Route Results Panel** displays the route. Review the route and driving directions. Expand the **Enter Loaded Route Panel** if any changes are necessary. Changes will require the user to click **Validate and Run** to update the route.

9. Click the **Next** button to continue the permit application process.

Note: The user has the option to click the **Save and Exit** button to save their progress and return to the **Customer Dashboard**, to **Cancel**, to go **Back**, or to submit a **Payment**.

Helpful Hints:

If the system cannot locate the entered intersection:

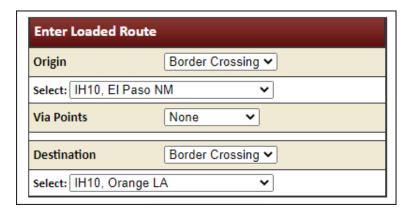
- Enter the Street 1 or Street 2 names using the format for Highway Names as described on page 108.
- Remove the city name to see all possible matches.
- When there are multiple possible matches, select the intersection that best represents the Origin or Destination.
- If the Street 1 or Street 2 names include prefix direction such as N, NE, etc., try it without the prefix.
- If the Street 1 or Street 2 names indicators such as road, street, drive, etc., try without those indicators.
- If the Street 1 or Street 2 names are not on a state-maintained road, enter another location or use the **Find on Map** feature as described on page 108.

By Border Crossing

TO SELECT AN ORIGIN OR DESTINATION AT A BORDER CROSSING

- 1. Begin a permit application to the point of entering a route as described in *To Create a Permit* on page 59.
- 2. In the Enter Loaded Route Panel, in an Origin or Destination field, select Border Crossing.

The fields change to allow the user to select a border crossing into the State.



- From the dropdown list beneath Origin or Destination, select the proper Border Crossing. The Border
 Crossing list displays the Texas Highway name, the name of the city within Texas closest to the border
 crossing, and the State that the border crossing is with.
- 4. Enter the remainder of the Origin and Destination and click the Validate and Run button.

The **Enter Loaded Route Results Panel** will be displayed showing the route.

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

5. Click the **Next** button to continue the permit application process.

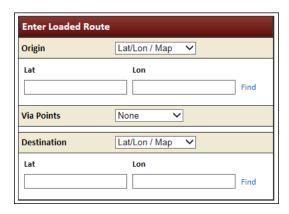
Note: The user has the option to click the **Save and Exit** button to save their progress and return to the **Customer Dashboard**, to **Cancel**, or to submit a **Payment**.

By Selecting a Location on a Map

TO SELECT AN ORIGIN OR DESTINATION BY CLICKING ON THE MAP

- 1. Begin a permit application to the point of entering a route as described in *To Create a Permit* on page 59.
- 2. In the Enter Loaded Route Panel, in an Origin or Destination field, select Lat/Lon/Map.

The fields change to allow the user to enter latitude and longitude coordinates.



3. If the user knows the actual latitude and longitude of the location to be used, they can enter that information into the **Lat** and **Lon** fields. If the user does not know the latitude and longitude coordinates, they must click the **Find** link to the right of the **Lat** and **Lon** fields.



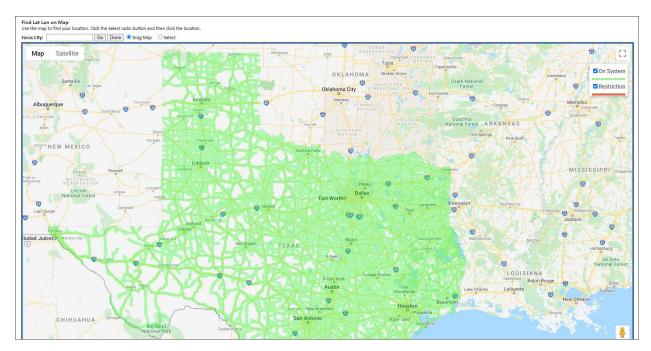


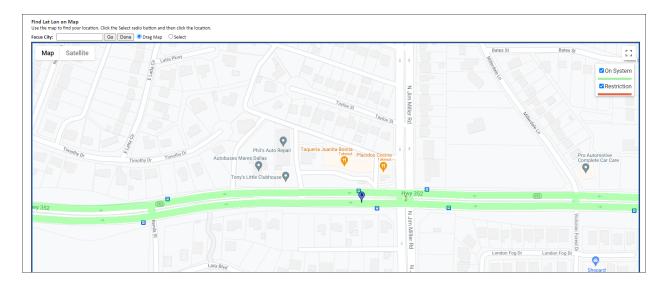
FIGURE 25: FIND LAT LON ON MAP SCREEN

4. Use the *Find Lat Lon on Map* screen to select a routing Origin or Destination by clicking on the map. See *Set Location Screen Options* on page 101 for more information on using and navigating this screen.

TABLE 13: SELECT LOCATION SCREEN ELEMENTS

Element	Function
Map Area	Displays roads in the State
Focus City Tool	Enter the name of a city or town and click Go to center the map on that city and zoom to a level where the city fills the screen.
Go Button	Click to zoom in to the city or town after entering the city name in the Focus City field.
Done Button	Click to have the lat/lon of the area selected on the map entered into the Origin or Destination fields in the Enter Loaded Route Panel .
Drag Map option	Default radio button. This will allow the user to click on the map and drag it to view different areas of the map.
Select	Select to set an Origin or Destination location to route.
Zoom icons	Use to zoom in and out of the map area. See <i>Table</i> 12 on page 95.

5. Use the *Zoom* tool (see *Table* 12 on page 95) and the *Focus City* tool (see *To Use the Focus City Tool* on page 101) to locate the Origin or Destination location. Make sure the map is zoomed in close enough to see both directions of travel.

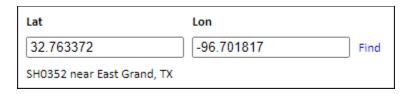


6. Click the Select radio button.



7. Click a location on the map.

The **Find Lat Lon on Map** screen is closed, and the new location is entered in the **Lat** and **Lon** fields in the **Enter Loaded Route Panel**.



8. Enter the remainder of the Origin and Destination and click the Validate and Run button.

The **Enter Loaded Route Results Panel** will be displayed.

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

9. Click the **Next** button to continue the permit application process.

Note: The user has the option to click the **Save and Exit** button to save their progress and return to the **Customer Dashboard**, to **Cancel**, or to submit a **Payment**.

Helpful Hints:

- When selecting a location on the map, the user must select a location that is on a statemaintained road. To do this make sure the map zoomed in sufficiently to click the correct road and that the road is highlighted green.
- 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.

SET LOCATION SCREEN OPTIONS

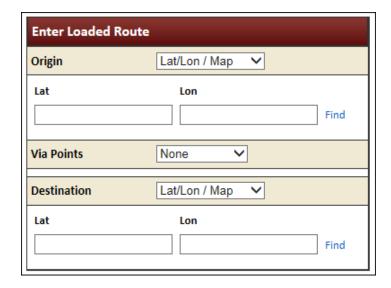
TO SELECT AN ORIGIN OR DESTINATION USING THE LAT/LON/MAP OPTION

- 1. Use the *Zoom* tool (see *Table* 12 on page 95) and the *Focus City* tool (see *To Use the Focus City Tool* on page 101) to locate an Origin or Destination location.
- 2. Click the Select radio button.
- 3. Click a location on the map.

The **Find Lat Lon on Map** screen is closed, and the new location is entered in the **Lat/Lon** fields in the **Enter Loaded Route Panel**.

TO USE THE FOCUS CITY TOOL

1. In the Enter Loaded Route Panel, in the Origin or Destination field, select Lat/Lon/Map.



2. Click the **Find** link to the right of the **Lat** and **Lon** box.

The **Find Lat Lon on Map** screen will be displayed.

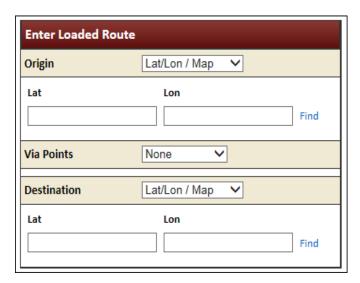
- 3. Enter the name of a city or town within the State in the **Focus City** field.
- 4. Click the **Go** button.

The map centers to the city or town that is entered and zooms to a set level.

Note: If the user clicks the **Done** button instead of the **Go** button it will take them back to the **Enter Loaded Route Panel**.

TO DRAG THE MAP TO A SELECT LOCATION

1. In the Enter Loaded Route Panel, in the Origin or Destination field, select Lat/Lon/Map.



2. Click the **Find** link to the right of the **Lat** and **Lon** box.

The **Find Lat Lon on Map** screen will be displayed.

- 3. Select the **Drag Map** radio button.
- 4. Place the cursor in the map area, click the map, and hold the mouse button down.
- 5. Drag the cursor around.

The map area moves with the cursor.

Note: Drag Map can be used any time the map is displayed, including after a route is generated.

MAP ZOOM OPERATIONS

There are several methods to zoom in and out of the map area.

TO ZOOM IN TO A LOCATION ON THE MAP

There are three possible ways to zoom to a location on the map:

1. Place the cursor on a map location and dial the scroll button on the mouse.

Note: The map view zooms into the location where the cursor is located.

- 2. Use the *Zoom* tool (see *Table* 12 on page 95).
- 3. Use the Focus City tool (see To Use the Focus City Tool on page 101).

ROUTING METHODS

The user can generate a basic point-to-point route, or can stipulate that a route be generated:

- Through specified Via Points (see page 108)
- Along specified roadways and through designated intersections (see *page 103*)

Note: Via Points and Via Highways are for use when editing the route. It is recommended that the user try to create their route with only an Origin and Destination to begin with. If the desired route is not generated, edit the route by expanding the **Enter Loaded Route Panel** and adding Via Points or Via Highways.

POINT-TO-POINT

TO GENERATE A POINT-TO-POINT ROUTE WITHOUT VIA POINTS OR ROADWAYS

 Begin a permit application to the point of entering a route as described in *To Create a Permit* on page 59.

The **Enter Loaded Route Panel** will be displayed.

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



FIGURE 26: ENTER ROUTE POINTS: VIA POINTS NONE

- 3. Choose the **Origins** and **Destinations** to be any combination of the following:
 - Address
 - Intersection
 - Border Crossing
 - Lat/Lon/Map
- 4. Click the Validate and Run button.

The **Enter Loaded Route Results Panel** will be displayed to the right.

Note: When the system doesn't have any problems with the information entered, the **Enter Loaded Route Results Panel** displays the route. Review the route and driving directions. **Expand the Enter Loaded Route Panel**if any changes need to be made. Changes will require the user to click **Validate and Run** to update the route.

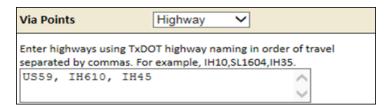
5. Click the **Next** button to continue the permit application process.

HIGHWAY NAMES

This routing method allows the user 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 that the route should take.



TO GENERATE A ROUTE VIA SPECIFIED ROADWAYS

1. Begin a permit application to the point of entering a route as described in *To Create a Permit* on page 59.

The **Enter Loaded Route Panel** will be displayed.

2. Select the **Highway** option in the **Via Points** section.

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

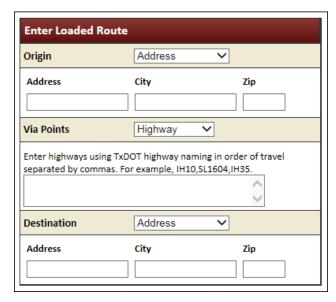
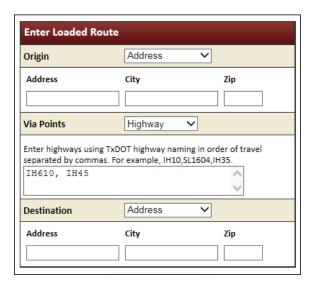


FIGURE 27: ENTER ROUTE POINTS: HIGHWAY FIELDS

3. In the **Highway Names** fields, enter the names of roadways that the system should use to generate the route, in the order of travel, separated by commas.



- 4. Choose the **Origins** and **Destinations** to be any combination of the following:
 - Address
 - Intersection
 - Border Crossing
 - Lat/Lon/Map
- 5. Click the Validate and Run button.

The **Enter Loaded Route Results Panel** will be displayed showing the route from Origin to Destination via the highway(s) entered.

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

6. Click the **Next** button to continue the permit application.

UNDERSTANDING HIGHWAY NAMES

To use an extreme example, if the user is routing from Laredo to Dallas, Routing will greatly prefer to take Interstate 35 as that is the most direct route, as shown to the right.

However, using Highway Names, the user could recommend that TxPROS Online Routing take the following path, if reasonable:

US Highway 59

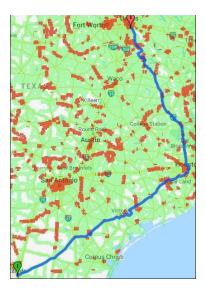
From 59 to Loop 610

From 610 to Interstate 45

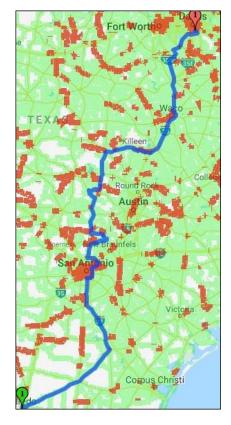




The route could be generated like this:



Users can also use **Highway Names** to stipulate an intersection that they want the route to cross. As another extreme example, consider the Laredo to Dallas route again. The user can enter the **Highway Names** U.S. highway 281 (US281) and U.S. highway 190 (US190). The system will use those two adjacent values as an *intersection* (located west of Temple) through which it will attempt to route.



TROUBLESHOOTING HIGHWAY NAMES

The entered roadways are recommendations, not requirements. 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. In the previous example, if the user stipulated:

- US Highway 59
- From 59 to Loop 610
- From 610 to Interstate 45
- From 45 to SH79
- From 79 to Interstate 20
- Take I-20 into Dallas

In this case, the Highway 79 that intersects with I-45 is a UNITED STATES highway (US79); not a STATE highway (SH79). For best results, use the official TxDOT Highway Names:

TABLE 14: OFFICIAL TXDOT HIGHWAY NAMES

Road Type	Naming Convention	Examples
Interstate highways	IHXX, Where XX is the route number	IH35, IH610
US highways	USXX, Where XX is the route number	US96, US287
State highways	SHXX, Where XX is the route number	SH71, SH349
Farm to market roads	FMXXXX, Where XXXX is the road number	FM307, FM1442
Ranch to market roads	RMXXXX, Where XXXX is the road number	RM2248
State spur	SPXXXX, Where XXXX is the spur number	SP600
State loop	SLXXXX, Where XXXX is the route number	SL1
Business Interstate highways	BIXX, Where XX is the route number	BI35
Business US highways	BUXX, Where XX is the route number	BU96

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

FIND ON MAP

TO GENERATE A ROUTE THROUGH DESIGNATED MAP POINTS

1. Begin a permit application to the point of entering a route as described in *To Create a Permit* on page 59

The **Enter Loaded Route Panel** will be displayed.

2. Select the **Find on Map** option in the **Via Points** section.

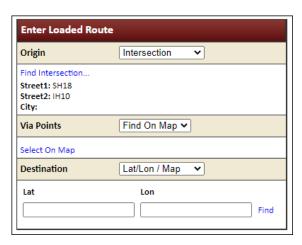
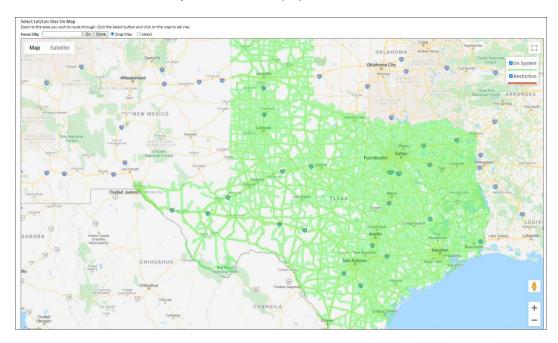


FIGURE 28: ENTER ROUTE POINTS: FIND ON MAP

3. Click the Select on Map link.

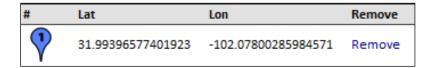
The **Select Lat/Lon Vias on Map** screen will be displayed.



4. Zoom in and move around the map as described on page 102. The user must be zoomed in to level 14 to click a location on the map as a Via Point.

5. To select a Via Point, click the **Select** radio button and click the map in the location to be added as a Via Point.

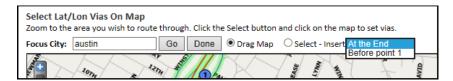
The Via Point selected will be added to the list beneath the map and a numbered marker will be added to the map.



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



6. Add additional Via Points to the list by repeating steps 4 and 5. Via Points do not have to be entered in consecutively traveled order. When selecting each Via Point, the user decides if they want to add this point 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 on the **Clear Lat Lon Vias** link in the **Via Points** box on the left.

Once finished click the **Done** button. The Vias will be entered into the trip between the Origin and the Destination.

- 7. Choose the **Origins** and **Destinations** to be any combination of the following:
 - Address
 - Intersection
 - Border Crossing
 - Lat/Lon/Map
- 8. 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 and/or Destination in the list of Find on Map vias.

The **Enter Loaded Route Results Panel** will be displayed showing the route from Origin to Destination via the **Find on Map** via(s) entered.

Chapter 3 Generating a Route

Note: When the system doesn't have any problems with the information entered, the **Enter Loaded Route Results Panel** displays the route. Review the route and driving directions. Expand the **Enter Loaded Route Panel** if any changes need to be made. Changes will require the user to click the **Validate and Run** button to update the route.

9. Click the **Next** button to continue the permit application process.

Helpful Hints:

- When selecting a location on the map, the user must select a location that is on a state-maintained road. To do this make sure the map is zoomed in sufficiently to click the correct road and that the road is highlighted green.
- 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.

CONTINUE LOADED ROUTE AFTER NON-PERMITTED TRAVEL

The **Continue Loaded Route after Non-Permitted Travel** link is used to create split trips. This may be used in two scenarios:

- When hauling a load and prefer to exit Texas on one state-maintained road while coming back into Texas with the same load on a different state-maintained road.
- When there are no state maintained roads to get from one place to another, users may use this feature to identify the end of state-maintained travel (to get on city streets or county roads) only to pick up (with the same load) at the next available state-maintained road.

TO GENERATE A SPLIT TRIP USING CONTINUE LOADED ROUTE AFTER NON-PERMITTED TRAVEL LINK

 Begin a permit application to the point of entering a route as described in *To Create a Permit* on page 59.

In the **Enter Loaded Route Panel**, split trips can be entered by selecting the **Continue Loaded Route after Non-Permitted Travel** link.

2. In the Enter Loaded Route Panel, click the Continue Loaded Route after Non-Permitted Travel link.

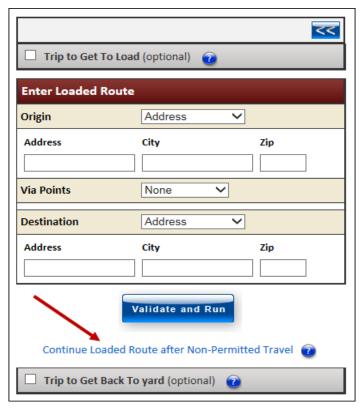
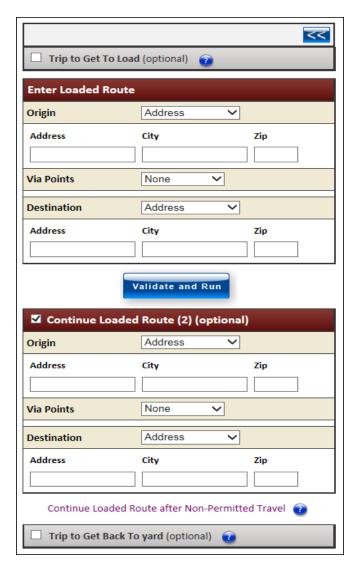


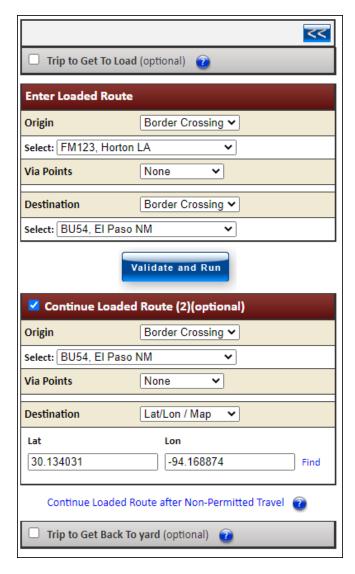
FIGURE 29: ENTER ROUTE POINTS: SPLIT TRIP, POINT-TO-POINT

The **Continue Loaded Route (2) Panel** for the split trip will be displayed.



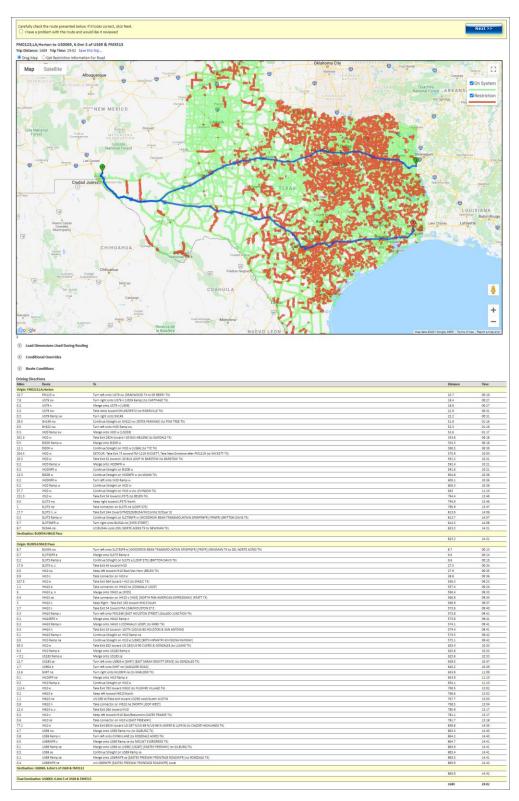
- The user can route any split trips through specified locations as described on page 109.
- The user can route any split trips over specified roadways as described on page 112.
- The user can add an Empty Load permit route before the split trips as described on page 117.
- The user can add an Empty Load permit route after the split trips as described on page 119.

- 3. Choose the **Origins** and **Destinations** to be any combination of the following:
 - Address
 - Intersection
 - Border Crossing
 - Lat/Lon/Map



4. Click the Validate and Run button.

The Enter Loaded Route Results Panel will be displayed to the right.



The driving directions are split for each leg of the split trip.

Chapter 3 Generating a Route

Note: When the system doesn't have any problems with the information entered, the **Enter Loaded Route Results Panel** displays the route. Review the route and driving directions. Expand the **Enter Loaded Route Panel** if any changes need to be made. Changes will require the user to click the **Validate and Run** button to update the route.

5. Click the **Next** button to continue the permit application process.

Note: Split trips cannot be self-issued by the customer. The user will be given a permit ID number and the permit will be Enqueued for the Permit Office to approve.

GENERATE A ROUTE WITH AN EMPTY LOAD ROUTE FOR BEFORE THE TRIP

If the motor carrier's truck is oversize/overweight even without a load, they might need to include the route from the storage area to the original location of the load on their permit application. Since the truck is not carrying a load, the weight and (maybe) the dimensions will be different. The **Empty Load Route** is treated as an additional leg of the route but is subject to the roadway restrictions based on its altered weight and size.

TO ADD AN EMPTY LEG OF THE ROUTE BEFORE THE TRIP

1. Begin a permit application to the point of entering a route as described in *To Create a Permit* on page 59.

The **Enter Loaded Route Panel** will be displayed.

2. Select the **Trip to Get to Load** checkbox.

The **Empty To Load** area will be displayed below the **Trip to Get To Load** checkbox.

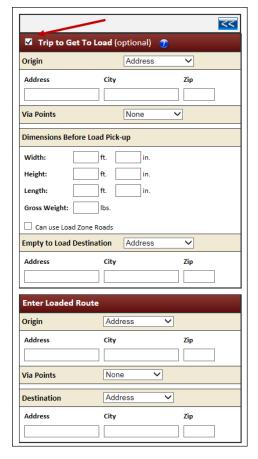


FIGURE 30: ENTER ROUTE POINTS: EMPTY LOAD BEFORE TRIP, POINT-TO-POINT

- 3. Complete this routing section with the same options as **Enter Loaded Route**.
- 4. Enter the dimensions of the truck as it is before it picks up the load.

- 5. Complete the routing selection for Origin and Destination in the **Enter Loaded Route Panel** based on the truck and load parameters entered in the permit application.
- 6. Click the Validate and Run button.

The **Enter Loaded Route Results Panel** will be displayed to the right.

Note: When the system doesn't have any problems with the information entered, the **Enter Loaded Route Results Panel** displays the route. Review the route and driving directions. Expand the **Enter Loaded Route Panel** if any changes need to be made. Changes will require the user to click the **Validate and Run** button to update the route.

7. Click the **Next** button to continue the permit application process.

TABLE 15: EMPTY TO LOAD /RETURN TO YARD FIELDS

Element	Function		
Origin/Destination dropdown lists	The beginning and ending locations of a route. The available fields for each vary based on the way the user selects the Origin or Destination. See Selecting an Origin and Destination on page 91 for more information.		
Via Points dropdown list None option	To generate a basic point to point route with no specified Via Points or highways. See <i>page 103</i> for more information.	Note: The user can use any of these methods for the Continue Loaded Route after Non-Permitted Travel routes or an Empty Load permit route.	
Via Points dropdown list Highway option	Select to display fields to specify road names to use in the route. See <i>page 104</i> for more information.		
Via Points dropdown list Find on Map option	Select to display Select on Map to pick a location from the map. See <i>page 109</i> for more information.		
Width	Width of the empty truck if the width of the empty vehicle e	xceeds legal	Required
Height	Height of the empty truck if the height of the empty vehicle exceeds legal Require		Required
Length	Length of the empty truck if the length of the empty vehicle exceeds legal Requi		Required
Gross Weight	Weight of the empty truck if the gross weight of the empty vehicle exceeds legal		Required
Can use Load Zone Roads	If the empty truck meets the weight limits for load zoned roads, check this box. If the empty truck exceeds these limits, do not check this box.		
Empty to Load Destination	Select to enter Empty to Load Destinations. This option is used if the empty travel Destination is not the same as the loaded travel Origin.		

GENERATE A ROUTE WITH AN EMPTY LOAD ROUTE FOR AFTER THE TRIP

If the motor carrier's truck is oversize/overweight even without a load, they might need to include the route from the Destination to the truck storage yard on their permit application. Since the truck is not carrying a load, the weight and (maybe) the dimensions will be different. The Empty Load route is treated as an additional leg of the route but is subject to the roadway restrictions based on its altered weight and size.

TO ADD AN EMPTY LEG OF THE ROUTE AFTER THE TRIP

1. Begin a permit application to the point of entering a route as described in *To Create a Permit* on page 59.

The Enter Loaded Route Panel will be displayed.

2. Select the **Trip to Get Back To yard** checkbox.

The **Empty To Yard** area will be displayed below the **Trip to Get Back To yard** checkbox.

- 3. Complete this routing section with the same options as **Enter Loaded Route**.
- 4. Enter the dimensions of the truck as it is without the load
- 5. Complete the routing selection for Origin and Destination in the **Enter Loaded Route Panel** based on the truck and load parameters entered in the permit application.

See Table 15 on page 118 for more information on the fields in this area.

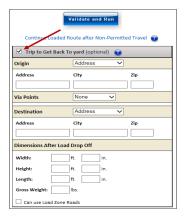


FIGURE 31: ENTER ROUTE POINTS: RETURN TO YARD, POINT-TO-POINT

6. Click the Validate and Run button.

The Enter Loaded Route Results Panel will be displayed to the right.

Note: When the system doesn't have any problems with the information entered, the **Enter Loaded Route Results Panel** displays the route. Review the route and driving directions. Expand the **Enter Loaded Route Panel** if any changes need to be made. Changes will require the user to click the **Validate and Run** button to update the route.

7. Click the **Next** button to continue the permit application process.

ENTER TRIP FOR THIS PERMIT PANEL

The **Enter Trip For This Permit Panel** is used to load saved trips for routes to be generated and gives instruction for Origin and Destination options.

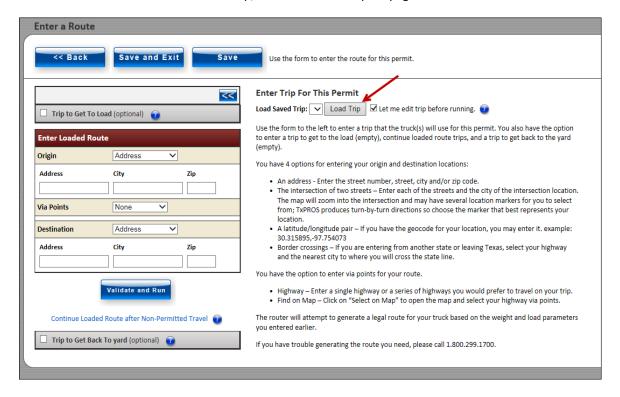
LOAD SAVED TRIP

If the user would like to use the Origin, Destination and/or other routing points from a previously saved trip, select a trip from the **Load Saved Trip:** dropdown list in the **Enter Trip For This Permit Panel** and click **Load Trip**. The routing information is populated. This information can be edited or kept the same.

To edit the saved trip, check the **Let me edit trip before running** checkbox determined before clicking the **Validate and Run** button.

To obtain a route using this routing information, click the **Validate and Run** button. The system will always validate the route and provide a route based on current restrictions.

For more information on how to save a trip, see To Save This Trip on page 126.



ENTER LOADED ROUTE RESULTS PANEL

The **Enter Loaded Route Results Panel** displays the route generated based on:

- Information the user entered about the load
- Permit Type for which the user is applying
- The Origin and Destination required by the user
- Restrictions on the available roadways between the Origin and Destination

The **Enter Loaded Route Results Panel** consists of the following elements:

- Route Overview Area
- Route Details Area
 - o Load Dimensions Used During Routing
 - Conditional Overrides
 - Route Conditions
- Turn-by-Turn Driving Directions

Once the user has clicked the **Validate and Run** button, the **Enter Loaded Route Results Panel** will display as shown below. *Table 16: Enter Loaded Route Results Panel* Elements defines the information found in the **Enter Loaded Route Results Panel**. The route is colored blue.

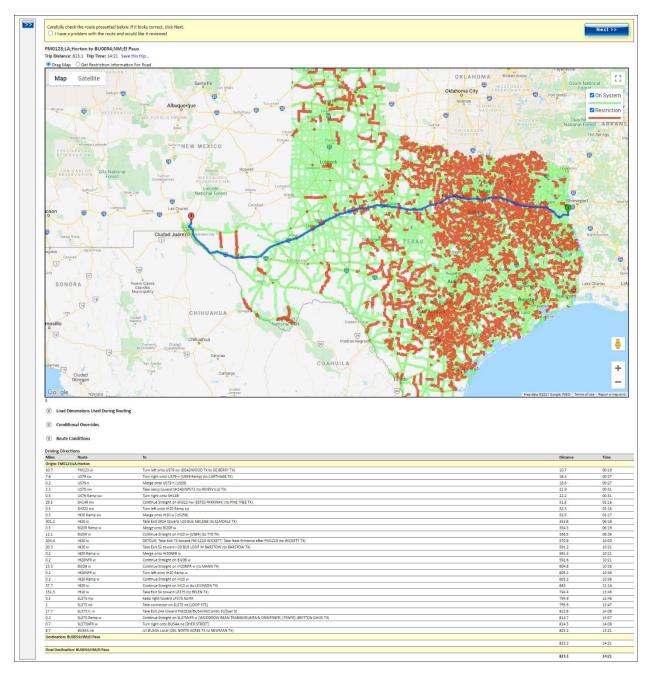


FIGURE 32: ENTER LOADED ROUTE RESULTS PANEL

TABLE 16: ENTER LOADED ROUTE RESULTS PANEL ELEMENTS

Element	Function	
Expand Route Details	Click to expand the Enter Loaded Route Panel to view or edit the route points.	
Route Review Checkbox	Check this box to have the route reviewed. A text box will display to add notes describing what the user would like for the route to do. See <i>To Submit a Route for Review</i> on page 125 for more information.	
Next Button	Click to proceed to the next page in the permit application process once routing is complete.	
Origin/Destination	The Origin and Destination of the current route	
Trip Distance	The total distance of the calculated trip in miles	
Trip Time	The estimated travel time for the vehicle calculated	
Save this trip link	Click this link to name this trip and have it recalled for future permit applications (see <i>To Save This Trip</i> on page 126).	
Drag Map	Default radio button. This will allow the user to click on the map and drag it to view different areas of the map (see To Drag the Map to a Select Location on page 102).	
Get Restriction Information For Road	Select radio button then click a red highlighted roadway in the Trip Results map to display the restrictions assigned to that roadway (see Enter Loaded Route Results: Get Restriction Information for Road on page 127).	

TABLE 16: ENTER LOADED ROUTE RESULTS PANEL ELEMENTS

Element	Function	
Map Area	Displays a map of the current route. The Zoom Tool provides methods to quickly zoom in and out in the Map Area. See Table 12 on page for 95 and Map Zoom Operations on page 102 for more information. The roadways that are restricted for the current vehicle and load are shown on the map as red highlights—)	
Load Dimensions Used During Routing	Expand this section to review the load dimensions used in the permit application.	
Conditional Overrides	Expand this section to display any restrictions preventing the route. A Restriction Override reason will be displayed, indicating a TxDMV User has approved this override.	
Route Conditions	Expand this section to display any special conditions or restrictions that apply to the entered route and truck and route dimensions.	
Driving Directions	This section displays the detailed turn by turn driving directions along with the calculated distance and time for travel.	

SUBMIT A ROUTE FOR TXDMV REVIEW

The user can submit a route for review to the Permit Office if they are not able to get the route needed for travel. If they are not able to get the necessary route due to restrictions, the Permit Office may be able to obtain temporary override permission if the load is needed in the restricted area. The user must enter the Origin and Destination and click the **Validate and Run** button before they can submit the route for Permit Office review.

TO SUBMIT A ROUTE FOR REVIEW

- 1. Begin a permit application and create a route as described in *To Create a Permit* on page 59.
 - The **Enter Loaded Route Results Panel** will be displayed showing the route.
- From the Enter Loaded Route Results Panel check the box next to, I have a problem with the route and would like it reviewed field. In the text box below the user enters the reason they would like the route reviewed.



FIGURE 33: SUBMITTING A ROUTE FOR REVIEW

- 3. Click the Next button.
- 4. Continue through the payment process. Once the permit application is completed by the Permit Office, they can collect payment to prevent a longer wait for the permit. The payment will not be processed by the Permit Office until the permit application is complete.

This permit will be submitted to TxDMV for review. As such the permit will not be generated until TxDMV reviews and approves the application. Once the permit application is approved, the user will receive it via the delivery method they chose. The permit will also be available for printing from the **Permits Panel** on the **Customer Dashboard**.

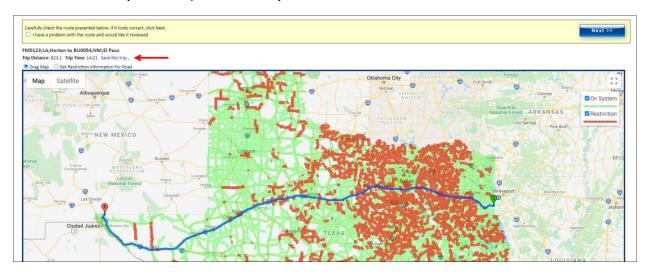
During the approval process, the Permit Office may need to contact the user for more information. They may put the permit in Call Back status with a message that they need the user to contact them regarding the permit. The user will be able to track their permit application from the **Permits Panel** on the **Customer Dashboard**. If they have a permit listed there that has a status of **Call Back**, the user needs to contact the Permit Office and reference that **Permit ID**. The Permit ID is available from the **Permits Panel** on the **Customer Dashboard**.

ENTER LOADED ROUTE RESULTS: SAVE THIS TRIP

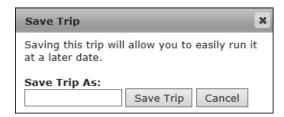
From the Enter Loaded Route Results Panel, the user can save a trip to recall for use at a later time.

TO SAVE THIS TRIP

1. Click the Save this trip... link to open the Save Trip box.



2. Enter a name for this trip and click the **Save this trip...** link or click the **Cancel** button to exit and return to the **Enter Loaded Route Results Panel** without saving. If saved, the Origin, Destination and other routing points are saved to recall for a later route.



Note: Once a trip is saved, it can be recalled for use at a later time. For more information about loading the saved trip, see *Load Saved Trip* on page 120.

DRAG MAP

Drag Map will allow the user to click on the map and drag it to view different areas of the map. See *To Drag the Map to a Select Location* on page 102 for more information.

ENTER LOADED ROUTE RESULTS: GET RESTRICTION INFORMATION FOR ROAD

After generating a route, restrictions that apply to the vehicle and load dimensions will be displayed on the map as red highlights. The user can get some basic information regarding these restrictions by using the **Get Restriction Information For Road** radio button.

TO VIEW RESTRICTION INFORMATION ON A PARTICULAR ROAD

1. Generate a route as described in *Chapter 3 Generating a Route* on page 87.

The **Enter Loaded Route Results Panel** will display the roadways with the roadways restricted to the current vehicle and load by highlighting them in red.

- 2. From the **Enter Loaded Route Results Panel**, zoom in to the area where the particular restriction is located on the map.
- 3. Click the **Get Restriction Information For Road** radio button from above the map.
- 4. Click the red highlighted road.



The **Restriction Viewer** window will be displayed.

This window will list any restrictions associated to the particular road segment that the user selected. Each restriction will include the official TxDMV text for that restriction and dimension, or dimensions, that are associated with it. At least one of the restrictions for that section of road will apply to the vehicle and load the user is routing since it was highlighted red.

5. After viewing the restrictions, click the **Close** button at the top or the bottom of the window to close the **Restriction Viewer** window and return to the trip.

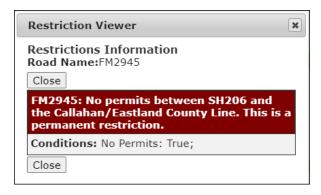


FIGURE 34: RESTRICTION VIEWER

Note: If the user receives the following error message, zoom in closer on the map and be sure to click the road segment that is highlighted red.

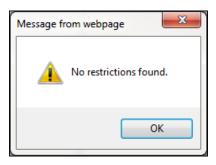


TABLE 17: RESTRICTION INFORMATION SCREEN ELEMENTS

Element	Function	
Road Name	The TxPROS name of the current road segment	
Close Button	Click to close the <i>Restrictions Information</i> screen/Restriction Viewer window.	
Restriction description	The details of each restriction assigned to the current road segment	
Restriction Condition	Height	Roadway restriction prohibits loads that are greater than the stated height.
	Weight	Roadway restriction prohibits loads that are greater than the stated weight.
	Length	Roadway restriction prohibits loads that are greater than the stated length.
	Width	Roadway restriction prohibits loads that are greater than the stated width.
	Turn	Roadway restriction prohibits loads to make turns here.
	No Permit	Roadway restriction prohibits any OS/OW traffic.

ENTER LOADED ROUTE RESULTS: ROUTE DETAILS

This section of the **Enter Loaded Route Results Panel** provides details about the roadways used in the current route. This information is also available in the **Permit Details**. See *Table 2: Permit Details* on page 16.

- **⊗** Load Dimensions Used During Routing
- S Conditional Overrides
- **⊗** Route Conditions

FIGURE 35: ROUTE DETAILS AREA

TABLE 18: ROUTE DETAILS AREA ELEMENTS

Element	Function
Load Dimensions Used During Routing	Expands to display the load dimensions used for the trip that was calculated
Conditional Overrides	Expands to display any restrictions preventing the route. A Restriction Override reason will be displayed, indicating a TxDMV User has approved this override.
Route Conditions	Expands to display any special conditions or restrictions that apply to the entered route and truck and load dimensions

ENTER LOADED ROUTE RESULTS: LOAD DIMENSIONS USED DURING ROUTING

Beneath the map there is a dropdown list that will populate with the load dimensions that were entered prior to calculating the trip. This is provided as an error checking feature to ensure that the route generated matches to the vehicle and load parameters the user intended.

Load Dimensions Used During Routing

 Width:
 8 ft. 8 in.
 Height:
 13 ft. 8 in.

 Length:
 100 ft. 0 in.
 Weight:
 92000

 Front O'Hang:
 0 ft. 0 in.
 Rear O'Hang:
 0 ft. 0 in.

Underclearance: 0 ft. 1 in.

FIGURE 36: LOAD DIMENSIONS USED DURING ROUTING

TABLE 19: LOAD DIMENSIONS USED DURING ROUTING DETAILS

Dimension	Definition		
No	Note: All measurements are performed according to TxDMV regulations. For the legal and maximum load limits, see		
http://www.txc	lmv.gov/motor-carriers/oversize-overweight-permits/texas-size-weight-limits		
Width	Greatest width of the truck and load		
Height	Greatest height of the truck and load		
Length	Length of the truck and load		
Weight	Total weight of the truck and load		
Front o/Hang	Length of the load extending beyond the foremost point of the vehicle and load		
Rear o/Hang	Length of the load extending beyond the rearmost point of the vehicle and load		
Underclearance	Measurement of under clearance available as stated by the applicant. This value is used for any under clearance restrictions.		

ENTER LOADED ROUTE RESULTS: FAILED TO GENERATE

If a customer enters a trip with an Origin or Destination on a road segment with restrictions that are not structures, the user will receive a Failed to Generate message and will be given two options to finish the permit application.

- 1. The user can adjust the route by expanding the Enter Loaded Route Panel and changing the route points. If the route points are changed, the user must click the Validate and Run button to update their route.
- 2. The user can click the continue your order to have your trip reviewed link and finish the application process through the payment step. However, the user will not be able to issue the permit until the route has been reviewed and approved by a TxDMV User. Once the route has been reviewed and approved by a TxDMV User, the permit will be issued and delivered via the primary delivery method chosen at the beginning of permit creation. The overridden restrictions and their reasons will be printed on the permit under Route Conditions.

Failed to generate trip on stop #: 1

TxPROS was unable to generate a route for your trip. Please continue to the next screen and enter your payment information. Your application will be forwarded to a TxDMV permit specialist for routing and issuance. Your account will not be charged until the permit has been issued. The final permit will be sent to you upon issuance. You can adjust your trip or continue your order to have your trip reviewed.

ENTER LOADED ROUTE RESULTS: ROUTE CONDITIONS

The Enter Loaded Route Results Panel displays Route Conditions which show any special conditions or restrictions that apply to the entered route in conjunction with the truck and load dimensions.

Route Conditions

El Paso: 12' max width and/or 95' max length inside or on LP375; 7-9 am and 4-6 pm; Monday through Friday.

Tarrant County: All loads over 8'6" wide, 14'0" high, and/or over legal length: No movement 7-9am or 4-6pm; Monday through Friday. Self propelled cranes and over-weight only are exempt.

Dallas County: All loads over 12' wide and/or 95' long no movement 7-9am or 4-6pm M-F.

FIGURE 37: ROUTE CONDITIONS

ENTER LOADED ROUTE RESULTS: DETAILED DRIVING DIRECTIONS

This area of the **Enter Loaded Route Results Panel** displays turn-by-turn directions for completing the current route.

Miles	Route	То	Distance	Time
Origin: FM0	123;LA;Horton			
10.7	FM123 w	Turn left onto US79 sw (DEADWOOD TX to DE BERRY TX)	10.7	00:19
7.8	US79 sw	Turn right onto US79 n [US59 Ramp] (to CARTHAGE TX)	18.4	00:27
0.2	US79 n	Merge onto US79 n [US59]	18.6	00:27
3.3	US79 nw	Take ramp toward SH149/SP572 (to RIDERVILLE TX)	21.9	00:31
0.3	US79 Ramp sw	Turn right onto SH149	22.2	00:31
29.5	SH149 nw	Continue Straight on SH322 nw [ESTES PARKWAY] (to PINE TREE TX)	51.8	01:16
0.5	SH322 nw	Turn left onto IH20 Ramp sw	52.3	01:16
0.3	IH20 Ramp sw	Merge onto IH20 w [US259]	52.6	01:17
301.3	IH20 w	Take Exit 292A toward I-20 BUS ABILENE (to ELMDALE TX)	353.8	06:18
0.5	BI20R Ramp w	Merge onto BI20R w	354.3	06:19
12.1	BI20R w	Continue Straight on IH20 w [US84] (to TYE TX)	366.5	06:36
204.4	IH20 w	DETOUR: Take Exit 73 toward FM-1219 WICKETT; Take Next Entrance after FM1219 (to WICKETT TX)	570.9	10:00
20.3	IH20 w	Take Exit 52 toward I-20 BUS LOOP W BARSTOW (to BARSTOW TX)	591.2	10:21
0.2	IH20 Ramp w	Merge onto IH20NFR w	591.4	10:21
0.2	IH20NFR W	Continue Straight on BI20B w	591.6	10:21
13.3	BI20B w	Continue Straight on IH20NFR w (to MANN TX)	604.8	10:36
0.2	IH20NFR w	Turn left onto IH20 Ramp w	605.1	10:36
0.2	IH20 Ramp w	Continue Straight on IH20 w	605.3	10:36
37.7	IH20 w	Continue Straight on IH10 w (to LEVINSON TX)	643	11:14
151.3	IH10 w	Take Exit 34 toward LP375 (to BELEN TX)	794.4	13:46
0.5	SL375 nw	Keep right toward LP375 North	794.9	13:46
1	SL375 ne	Take connector on \$1.375 ne [LOOP 375]	795.9	13:47
17.7	SL375 n, w	Take Exit 24A toward FM2529/BU54/McCombs St/Dyer St	813.6	14:06
0.2	SL375 Ramp w	Continue Straight on SL375NFR w [WOODROW BEAN TRANSMOUNTAIN DRINFRNFR] [FRNFR] (BRITTON DAVIS TX)	813.7	14:07
0.7	SL375NFR w	Turn right onto BU54A ne [DYER STREET]	814.5	14:08
8.7	BU54A ne	Jet BU54A Local (DEL NORTE ACRES TX to NEWMAN TX)	823.2	14:21
Destination:	BU0054;NM;EI Paso			
			823.2	14:21
Final Destina	ation: BU0054;NM;EI Paso			
			823.1	14:21

FIGURE 38: DETAILED DRIVING DIRECTIONS

TABLE 20: DETAILED DRIVING DIRECTIONS

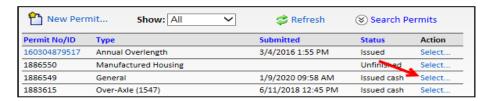
Element	Definition
Miles	Number of miles for the current segment of travel
Route	Roadway on which the driver is traveling while performing the current segment of travel
То	Instructions to the driver in completing the current segment of travel
Distance	Total distance covered at the completion of the current segment of travel
Time	Total estimated time traveled at the completion of the current segment of travel

COMMUNICATING WITH THE PERMIT OFFICE

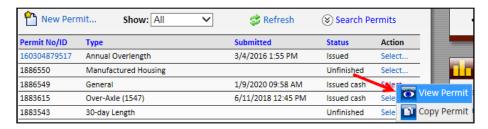
The Permit Office can email or fax users **Notes** from the system that may require a response. If the user receives a **Note** from the Permit Office, they can access that application in the **Permits Panel** on the **Customer Dashboard**.

TO RESPOND TO PERMIT OFFICE REQUESTS

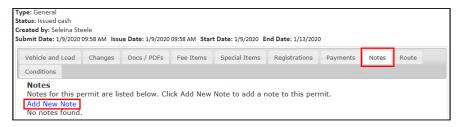
 Locate the permit application in the Permits Panel on the Customer Dashboard and click the Select link.



2. Click View Permit.

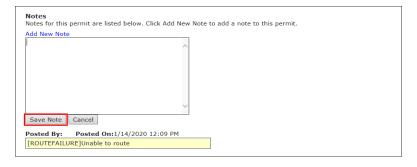


Click the Notes tab and then click the Add New Note link.



The user will be able to view the notes from the Permit Office and will be able to add a response **Note** so that the permit application can be completed.

4. Click the Save Note button to have the Note saved and submitted to the Permit Office.



PERMITS PENDING ADDITIONAL ACTION

There will be instances when the system will allow the user to complete the permit process, including payment; however, the permit is pending until additional action is taken. The permit will not be "issued" until the action is completed.

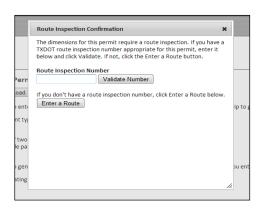
ROUTE INSPECTION LOADS

If the truck and load have dimensions that require a **Route Inspection** as determined by TxDMV, the customer is required to perform a route survey for the trip and return the signed **Route Inspection** form to TxDMV. Once the **Route Inspection** form has been received and approved, users are able to issue permits using this route survey.

TO ENTER A PERMIT THAT REQUIRES A ROUTE INSPECTION

1. Begin the permit application process as described on page 59.

Once all truck and load information has been entered, the **Route Inspection Confirmation** window will be displayed.



• If the user has a valid Route Inspection for the dimensions and route, enter the **Route**Inspection Number and click the **Validate Number** button. If the **Route Inspection** is
validated, the system will enter the route from the previously approved **Route Inspection**,
and the user can pay for and issue the permit.

The **Route Inspection** will be validated if all of the following criteria are met:

- a. The dimensions on the route do not exceed the dimensions on the previously approved **Route Inspection**,
- b. The **Route Inspection** is not expired, and
- c. The route is exactly the same.
- If the user needs to create a new **Route Inspection** form, click the **Enter a Route** button. The system will allow the user to enter the route and print a **Route Inspection** form. The **Route Inspection** form will be available to print on the **Permit Summary** screen. After the customer performs the route survey, they can fax or mail the **Route Inspection** form back to MCD as instructed on the **Route Inspection** form. The **Route Inspection ID** will now be

displayed on the permit entry screens, and the permit will have a status of *Unfinished*. When the **Route Inspection** form is received by MCD and approved, it is marked as **Approved** in TxPROS. The customer is notified by email or fax that the **Route Inspection** has been approved. For more information about this process, visit http://www.txdmv.gov/oversize-weight-permits/route-inspections.

Note: To search for a Route Inspection Number in TxPROS, see Route Inspections on page 28.

After the **Route Inspection** has been approved, the customer is able to resume the permit process and enter the **Route Inspection Number** into the screen above and issue the permit.

- 2. Once the approval is received, locate the Permit ID in the Permit Panel on the Customer Dashboard.
- 3. Once the permit is located in the queue, click the **Select** link and then click **Resume Permit** to resume permit creation.
- 4. Click the **Next** button until the user is prompted to enter the **Route Inspection Number**.
- 5. Enter the Route Inspection Number and click the Validate Number button.
- 6. A pop-up window will be displayed stating if the Route Inspection Number is valid.
- 7. Click the **OK** button to view the trip details.
- 8. Complete the permit approval and payment process.

Note: Route Inspection approvals are valid for a predetermined number of days set by TxDMV. **Route Inspections** can only be reused for additional trips with the same or lower dimensions and the exact same route. If there are any differences, a new **Route Inspection** form will need to be completed and approved.

Note: A permit can be edited after a **Route Inspection** form has been printed, submitted, and/or approved. If changes are made to the route or if dimensions are increased, the **Route Inspection** form and/or approval are no longer valid. A new **Route Inspection** form must be completed and approved.

APPENDIX A INSTALLING AND LAUNCHING ONLINE CUSTOMER INTERFACE

This application can be accessed from the link for TxPROS located on the TxDMV Motor Carrier Division (MCD) homepage http://www.txdmv.gov/motor-carriers. Click the **TxPROS** icon.



This application can also be accessed directly from the link https://txpros.txdmv.gov.

Note: This application will require pop-ups. On the browser select **Tools** and allow or do not block pop-ups.

Terms	Definitions
Bid Route	A feature that enables the user to create a route based on the truck and load parameters without submitting a permit application to TxDMV. This feature is provided as a service for quoting loads.
Condition	A single detail of a restriction such as <i>Length</i> (that is, the maximum allowable vehicle length on the restricted roadways) or No Permit (no oversize/overweight vehicles can use the roadway)
Customer Reference	An optional field on the permit application that enables the customer to associate a permit to a particular job, job number, or some other internal tracking reference. This field is searchable, reportable, and will print on the permit.
Off-system	Roads not maintained by TxDMV which need approval from another authority (for example: district, county, or city) in order to route oversize/overweight vehicles
On-system	Roads maintained by TxDMV on which they have the authority to route oversize/overweight vehicles
Restriction	A restriction is an object in the TxPROS system that affects OS/OW routing. This object can be a Physical Restriction such as a bridge with limits on clearance or it can be a Legal Restriction such as no travel during an area at set times.
Yard	Some companies divide their operations into separate operating units. These operating units may be called Yards, Divisions, Terminals, or another preferred terminology. The TxPROS system allows customers to divide their fleet into separate operating units and uses the term yard to define these.