

*AASHTOWare BrDR 7.5.0*

---

*Library Tutorial*

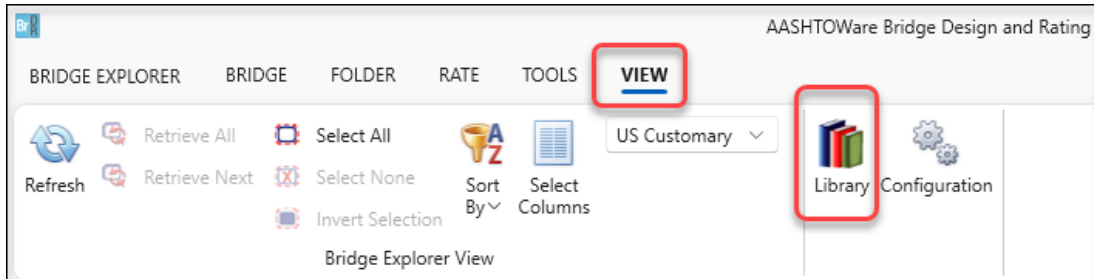
*LIB2 – Library Export/Import Example*

## LIB2 – Library Export/Import Example

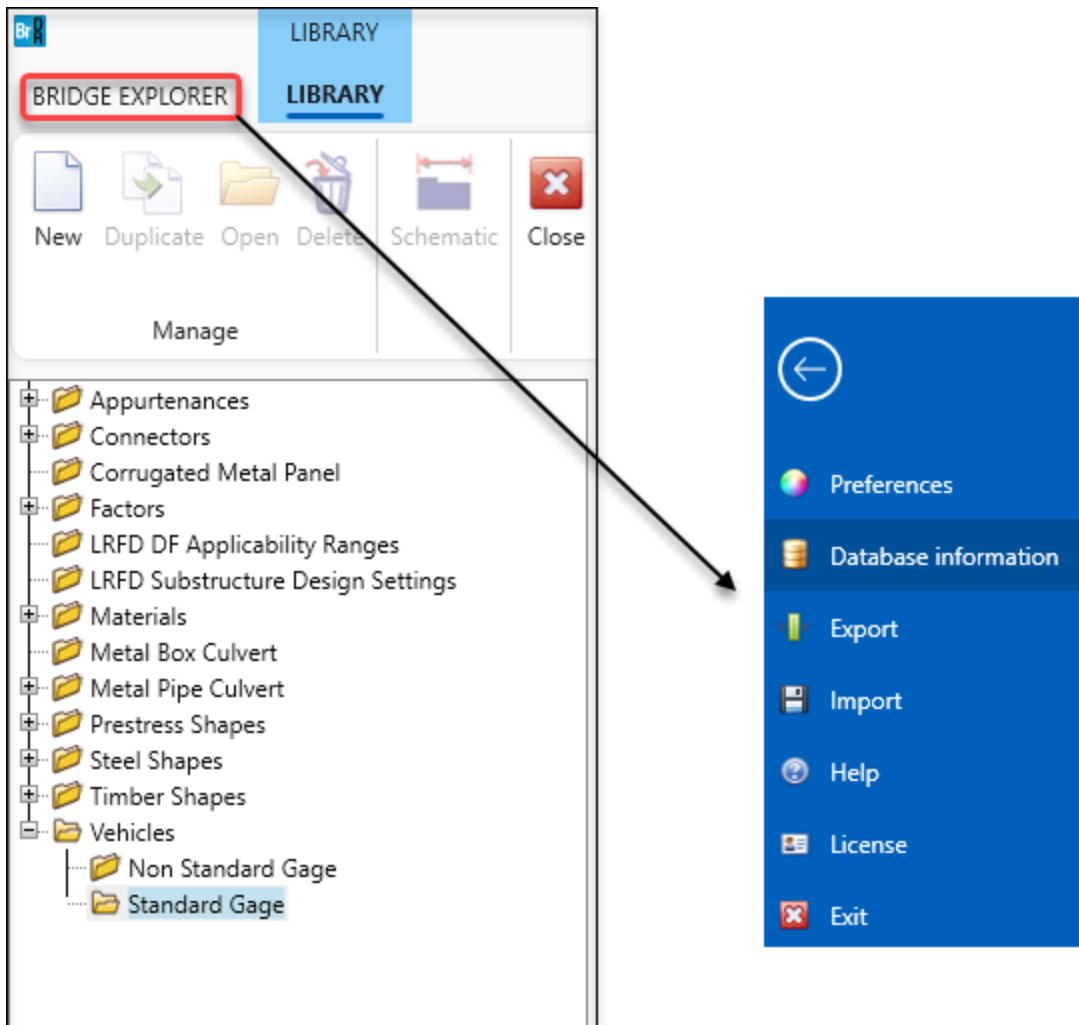
### Library Export/Import

Where is it?

**VIEW** on the **BRIDGE EXPLORER** ribbon will expose the **Library** button.



Select **BRIDGE EXPLORER** to expose the menu.

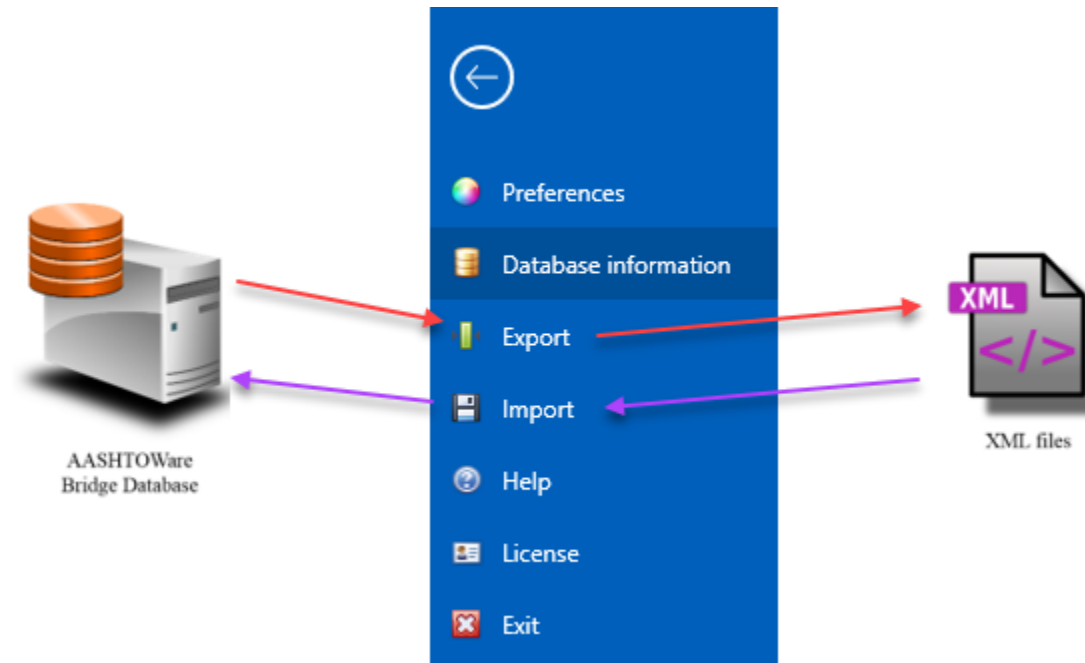


## LIB2 – Library Export/Import Example

### What is it?

**Library Export/Import** is a feature in the Library Explorer to exchange library items between AASHTOWare Bridge databases.

- Library Export allows user to export selected **Agency Defined** library items in a AASHTOWare Bridge database to an XML file.
- Library Import allows user to import selected library items in that XML file to a different AASHTOWare Bridge database.



### Why use it?

The ability to exchange library data enforces the requirements of modeling a bridge with the same components or performing a rating with the same customized vehicle. This eliminates the risk of manually creating the same library item in different AASHTOWare Bridge databases.

## LIB2 – Library Export/Import Example

### When use it?

- When you want to transfer customized library items to a different AASHTOWare Bridge database so you can model a bridge with the same components.

### Who can use it?

The export and import features are available to the user that has the proper access privileges granted in **Libraries** and **Library Import**. Without the proper privileges, the Export and Import items in the **Bridge Explorer** on the ribbon will expose the menu and will be grayed out.

- For export, user needs to have **Read** privilege of **Libraries**.
- For import, user needs to have **Write** and **Create** privileges in both **Libraries** and **Library Import**.

The screenshot shows the 'Access privileges: Libraries' dialog box in the AASHTOWare Bridge Explorer. The dialog displays a table of privileges for various user groups. The 'Read' column is highlighted in red, and the 'Write' and 'Create' columns are highlighted in blue. The 'Libraries' folder is selected in the left-hand tree view.

| Group             | Read                                | Write                               | Create                              | Delete                              |
|-------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| > Administrators  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Design Engineers  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Managers          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rating Engineers  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Routing Engineers | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |

Export Privilege

Import Privilege

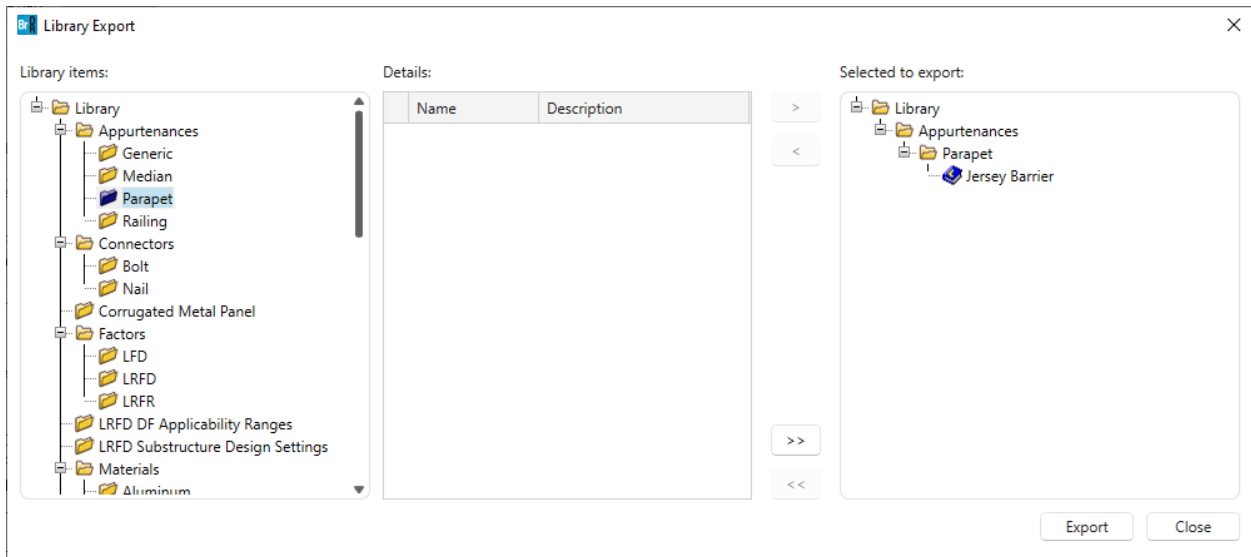
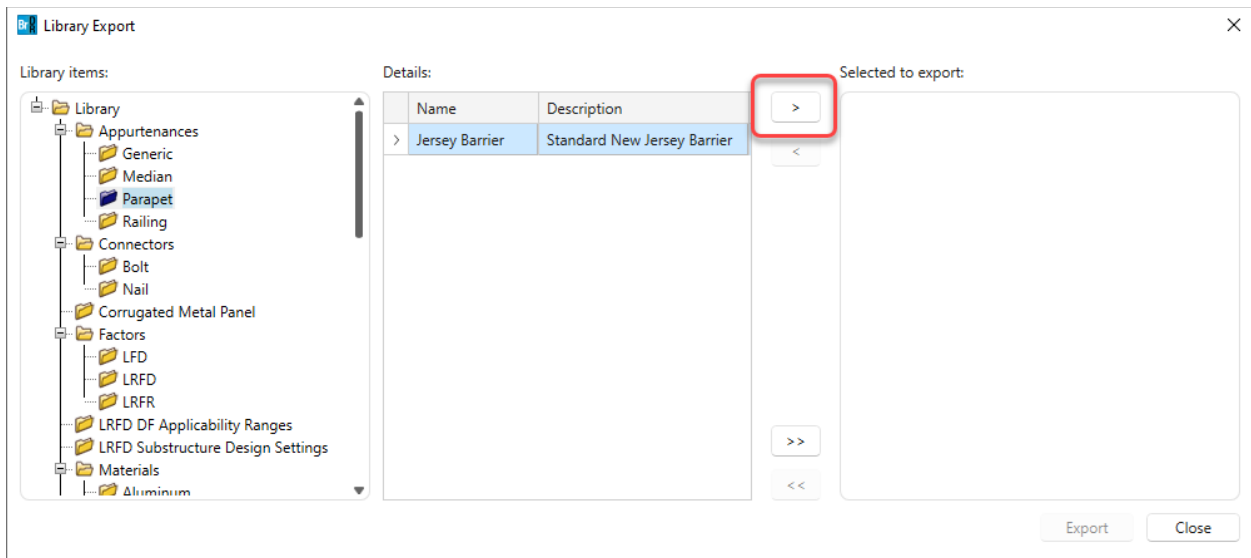
## LIB2 – Library Export/Import Example

### How to use it?





Both the export and import windows are displayed by opening the Library Explorer and selecting the **Bridge Explorer** on the ribbon to expose the menu. Both windows allow you to pick and choose the available library items.

To safeguard your existing library data, import will check for duplicates to prevent overwriting customized data. All imported library items will be located in their respective Agency folders.

### Library Export

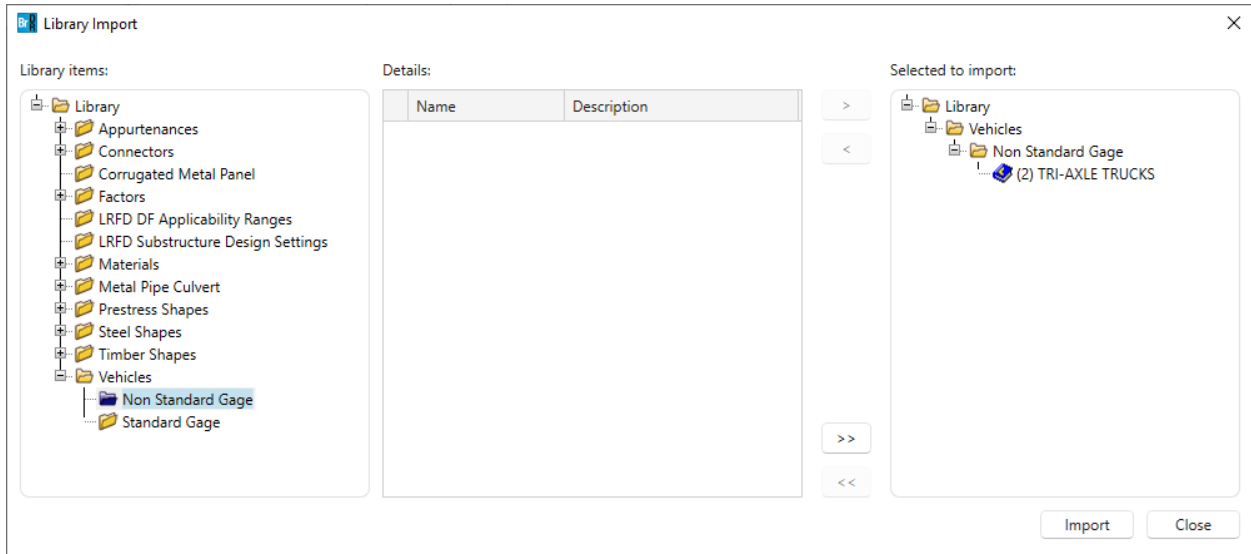
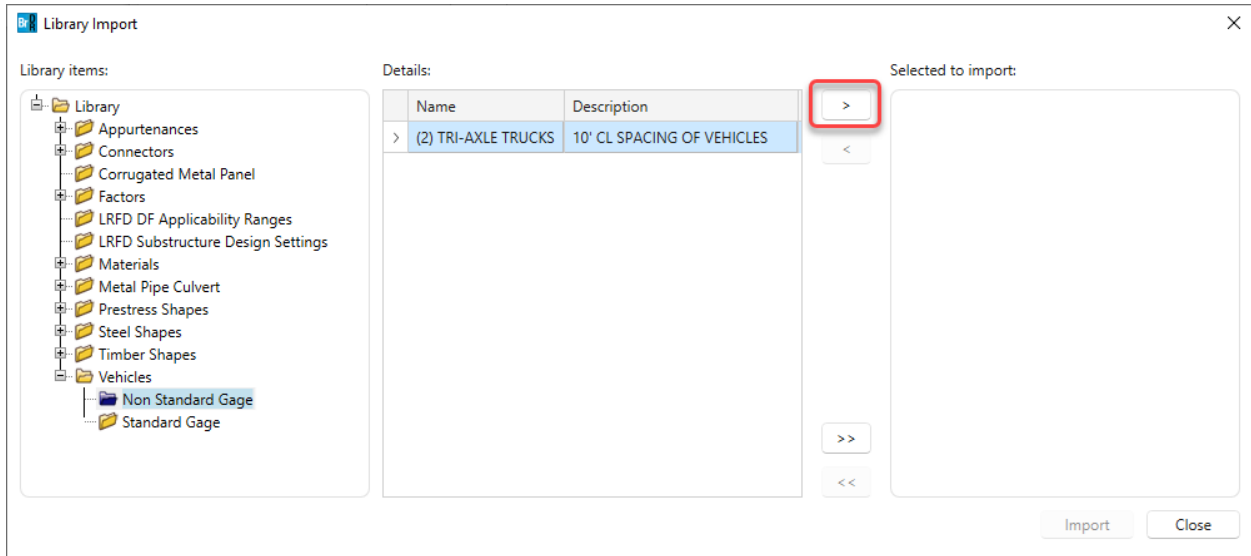



## LIB2 – Library Export/Import Example

- **Library Items:**  
Displays a tree that includes each of the library folders in the Library Explorer. Blue folders in this tree indicate that the folder contains data that can be exported.
- **Details:**  
Displays a list of the names and descriptions of the data items in the currently selected library folder in the **Library items** tree.
-   
Select this button to add the data items currently selected in the **Details** list to the list of items **Selected to export**.
-   
Select this button to remove the data items currently selected in the **Selected to export** list.
-   
Select this button to add all the data items in all of the library folders to the list of items **Selected to export**.
-   
Select this button to remove all the data items in the **Selected to export** list.
- **Selected to export:**  
Displays the data items that have been selected for export.




## LIB2 – Library Export/Import Example

### Library Import



- **Library Items:**  
Displays a tree that includes each of the library folders in the Library Explorer. Blue folders in this tree indicate that the folder contains data that can be imported.
- **Details:**  
Displays a list of the names and descriptions of the data items in the currently selected library folder in the **Library items** tree.
-   
Select this button to add the data items currently selected in the **Details** list to the list of items **Selected to import**.

## LIB2 – Library Export/Import Example

-   
Select this button to remove the data items currently selected in the **Selected to import** list.
-   
Select this button to add all the data items in all of the library folders to the list of items **Selected to import**.
-   
Select this button to remove all the data items in the **Selected to import** list.
- Selected to import:  
Displays the data items that have been selected for import.