



Working Faster in BrDR

Keyboard shortcuts and interaction habits

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Getting Started

1

The cost of the slow path

Same task, twice, timed

2

Orientation: three surfaces

Bridge explorer · Bridge workspace · Bridge window

3

Getting around fast

Search, tree, windows, dialogs

4

Data entry

Grids, paste, copy, templates

5

Cheat sheet

The cost of the slow path

- Takes more than a few clicks to complete a simple task.
- Switching between the keyboard and mouse frequently reduces productivity.
- Solution – finding the ideal keyboard-mouse balance for navigation and data entry.

Bridge Explorer (BE)

- Navigating BE ribbon
 - Press **Alt** to activate ribbon shortcuts.
 - Once inside a ribbon page, press **Esc** to go back.
- Searching for bridges
 - When BE grid is in focus, press **Ctrl + F**.
 - Type search string in search bar.
 - Use **Esc** to close the search bar.

BID	Bridge ID	Bridge Name	District	County
1	TrainingBridge1	Training Bridge 1(LRFD)	District 11	01 Abbeville
2	TrainingBridge2	Training Bridge 2(LRFD)	Unknown	Unknown (P)
3	TrainingBridge3	Training Bridge 3(LRFD)	District 11	01 Abbeville
4	PCITrainingBridge1	PCI TrainingBridge1(LFR)		
5	PCITrainingBridge2	PCI TrainingBridge2(LRFD)		
6	PCITrainingBridge3	PCI TrainingBridge3(LFR)		
7	PCITrainingBridge4	PCI TrainingBridge4(LRFD)		
8	PCITrainingBridge5	PCI TrainingBridge5(LFR)		
9	PCITrainingBridge6	PCI TrainingBridge6(LRFD)		
10	Example7	Example 7 PS (LFR)		
11	RCTrainingBridge1	RC Training Bridge1(LFR)		
12	TimberTrainingBridge	Timber Tr. Bridge1 (ASR)		
13	FSys GFS TrainingBridge	FloorSystem GFS Training Bridge 1	District 6	15 Colleton
14	FSys FS TrainingBridge	FloorSystem FS Training Bridge 2	District 11	333 Norfolk
15	FSys GF TrainingBridge	FloorSystem GF Training Bridge 3	District 7	06 Barnwell
16	FLine GFS TrainingBridge	FloorLine GFS Training Bridge 1	District 1	01 Abbeville
17	FLine FS TrainingBridge	FloorLine FS Training Bridge 2	District 2	02 Aiken
18	FLine GF TrainingBridge	FloorLine GF Training Bridge 3	District 1	01 Abbeville
> 19	TrussTrainingExample	Truss Training Example		
20	LRFD Substructure Example	LRFD Substructure Example 1		
21	LRFD Substructure Example	LRFD Substructure Example 2		
22	LRFD Substructure Example	LRFD Substructure Example 3		
23	LRFD Substructure Example	LRFD Substructure Example 4 (NHI Hammer Head)		
24	Visual Reference 1	Visual Reference 1	District 1	12 Chester

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AASHTOWare Bridge Design and Rating

BRIDGE EXPLORER **BRIDGE** FOLDER RATE TOOLS VIEW HELP

New Open Import Batch Find Copy Paste Copy To Remove From Delete

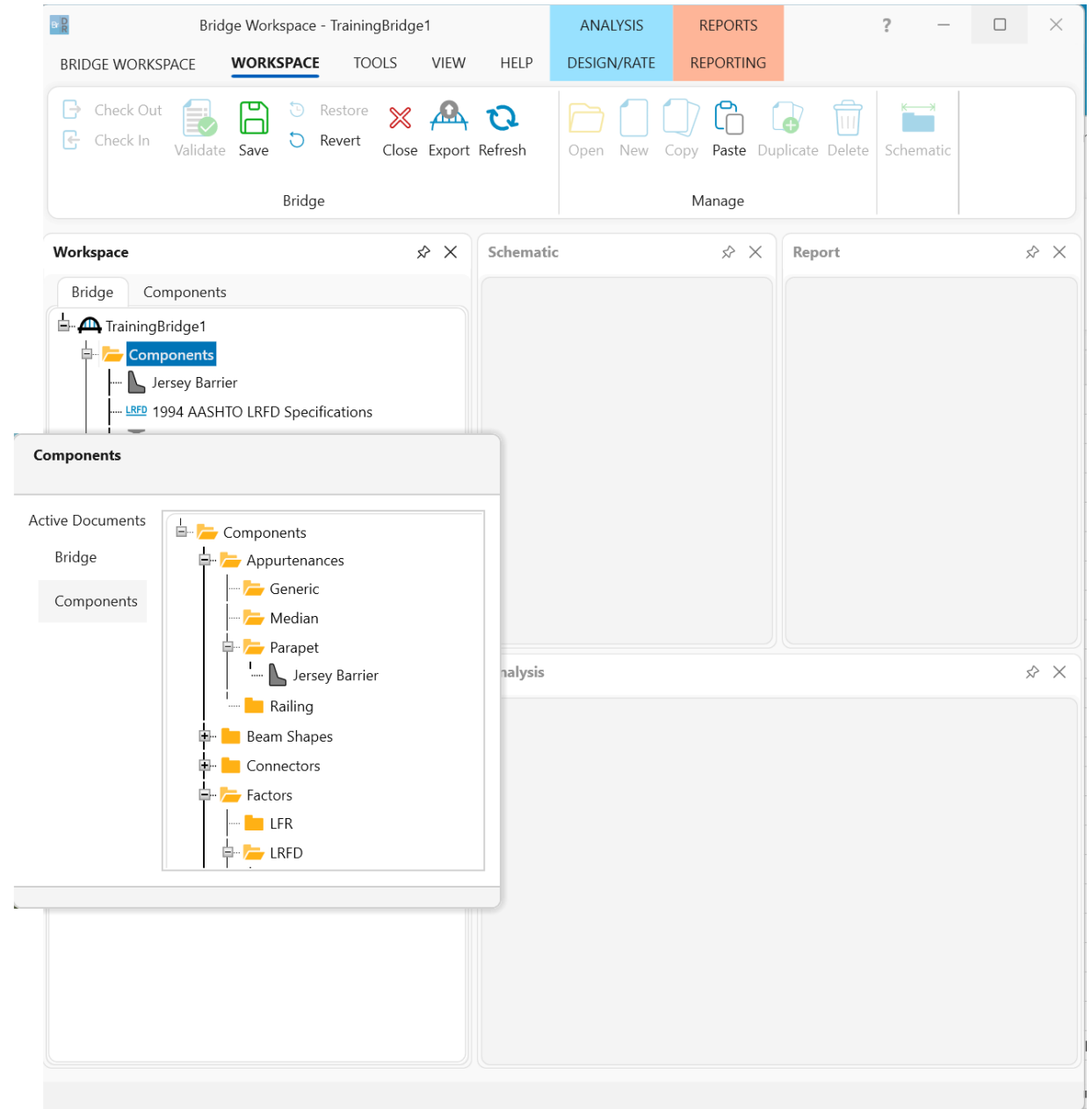
Bridge Manage

★ Favorites Folder
Recent Bridges
All Bridges
Sample Bridges
 AISI LRFD Example Bridges
 Concrete Example Bridges
 Steel Example Bridges
 Timber Example Bridges
Deleted Bridges

BID	Bridge ID	Bridge Name	District	County	Facility	Location
10	Example7	Example 7 PS (LFR)				
19	TrussTrainingExample	Truss Training Example				
20	LRFD Substructure Ex	LRFD Substructure Example 1				
21	LRFD Substructure Ex	LRFD Substructure Example 2			SR 4034	ERIE COUNTY
22	LRFD Substructure Ex	LRFD Substructure Example 3				
23	LRFD Substructure Ex	LRFD Substructure Example 4 (NHI Hammer Head)				
25	Culvert Example 1	Culvert Example 1				
26	Curved Guide Spec	Curved Guide Spec Example(LFR)				
27	MultiCell Box Example	Multi Cell Box Examples				
28	Gusset Plate Example	Gusset Plate Example	District 1			Some Highway
> 29	Splice Example	Splice Example				
31	MetalCulvertExample	MetalCulvertExample 1				

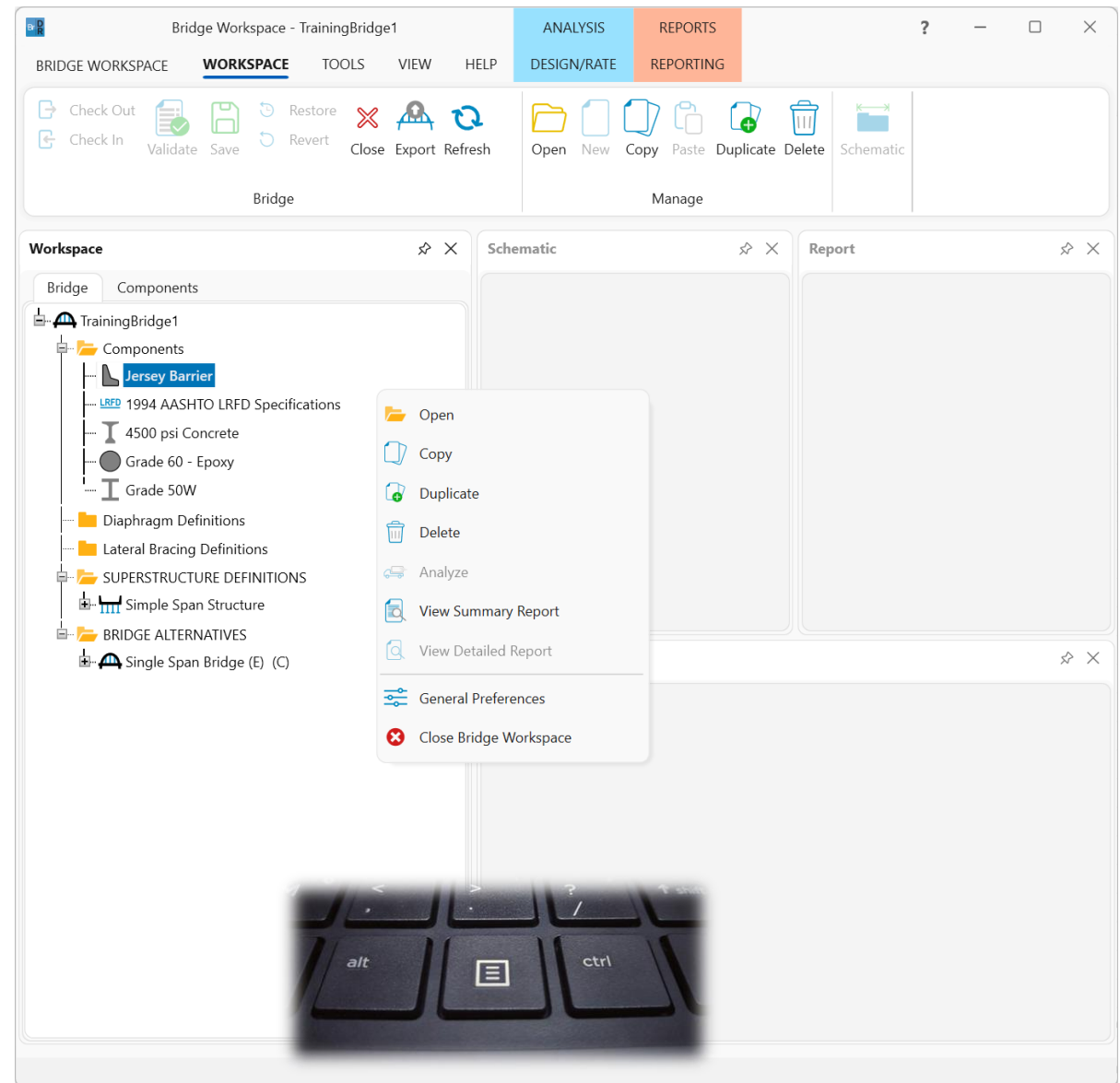
Bridge Workspace (BWS)

- Navigating BWS tree
 - **Ctrl + Tab** to toggle between dock panel tabs.
 - Use left arrow to collapse selected node if expanded.
 - Use right arrow to expand selected tree node if collapsed.
 - **Home** key to select/jump to first tree node.
 - **End** key to select/jump to last tree node.
 - **Application** key to launch context menu.



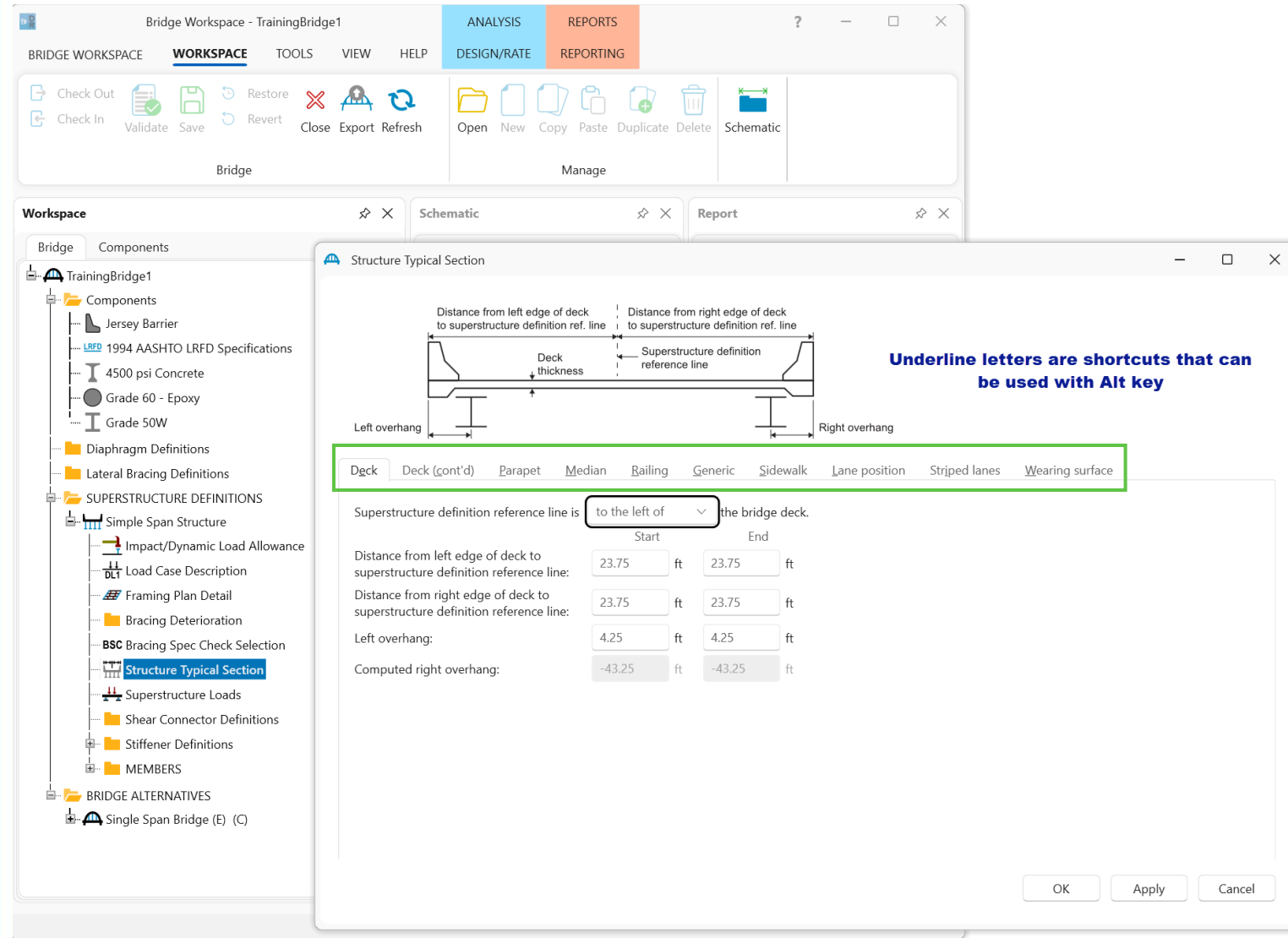
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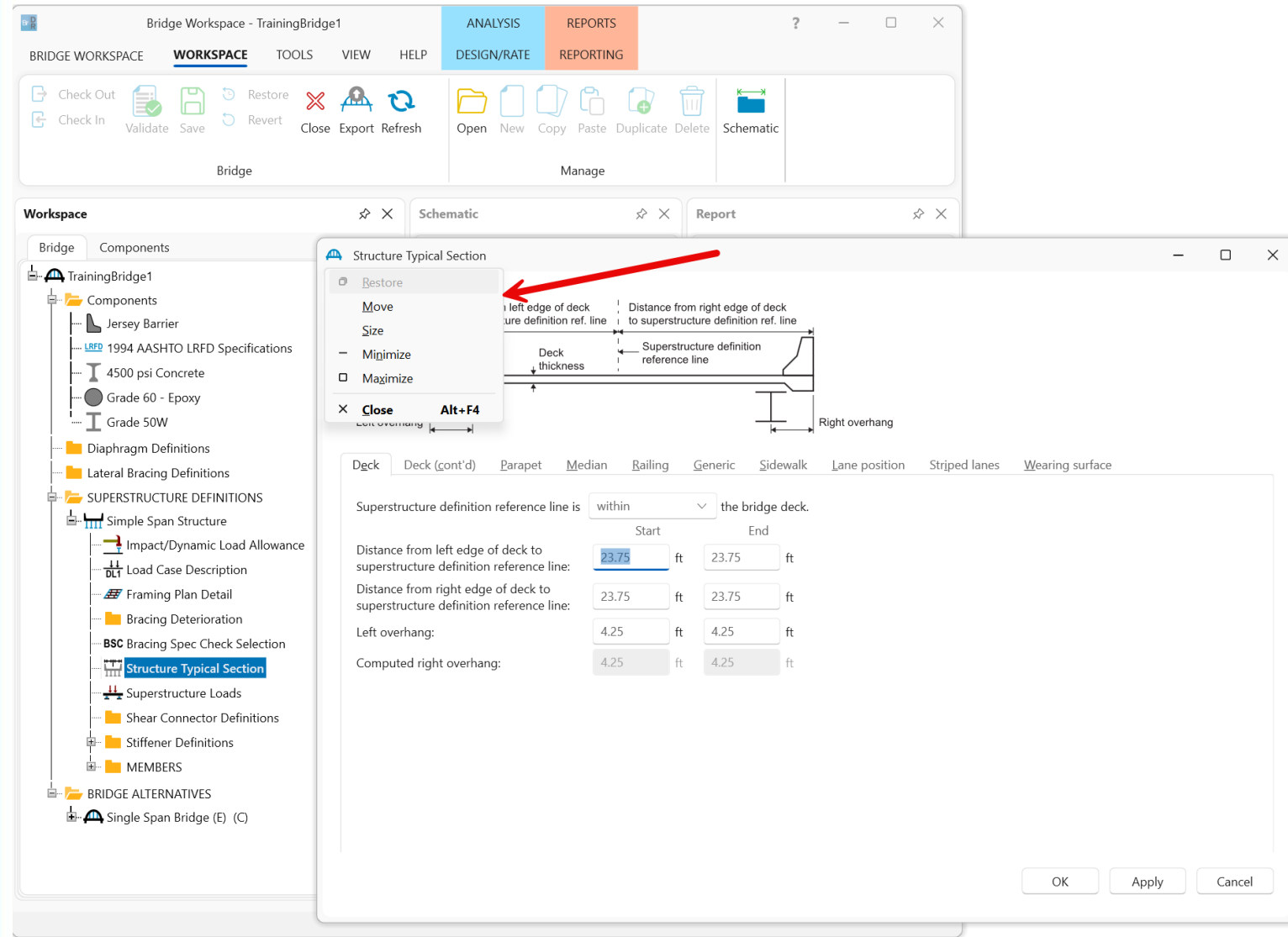
Bridge Window

- Navigating window
 - To move forward, use **Tab**; to move backward, use **Shift + Tab**.
 - To navigate between tabs use **Ctrl + Tab** or click Alt key to view alternate shortcut keys and press **Alt + shortcut key**.
 - **Alt + Space** - Open window control menu.



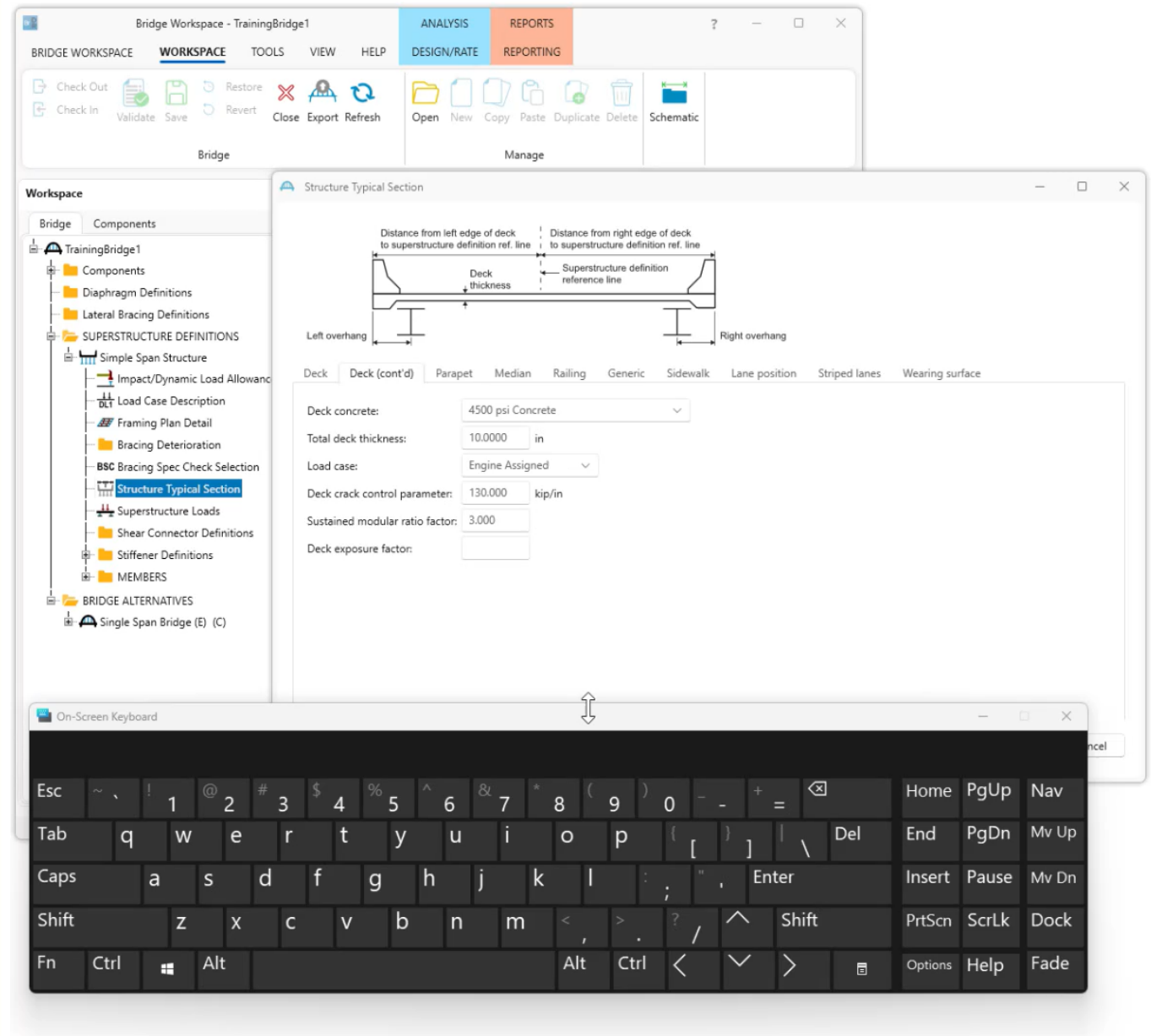
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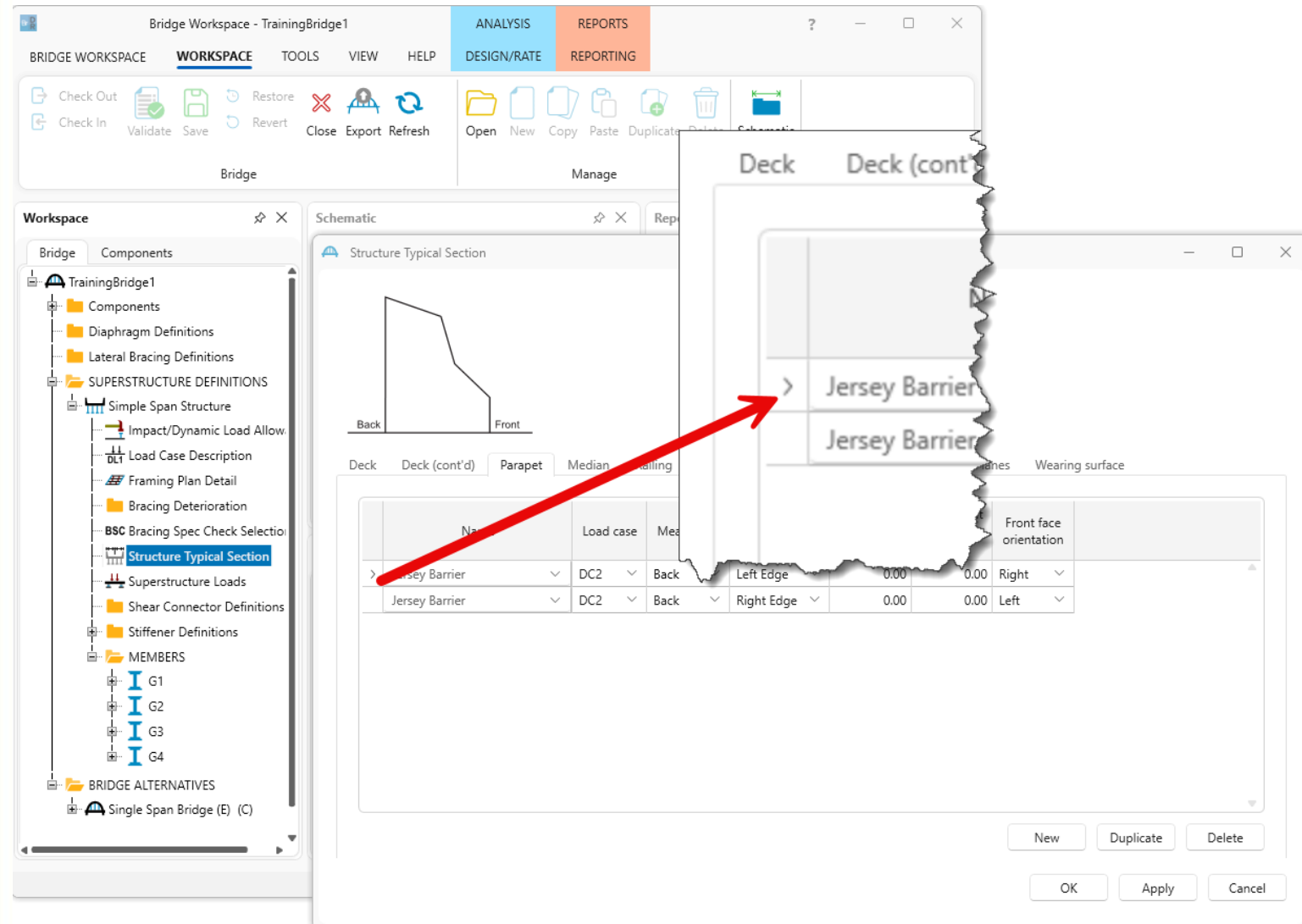
Bridge Window

- Navigating list-box
 - Use down key to open list-box and Enter to select list-box item.
 - Use left or right arrow key to select list-box item without opening list-box.
- Type to select list-box item.
- Use – key (hyphen) to open create new... window



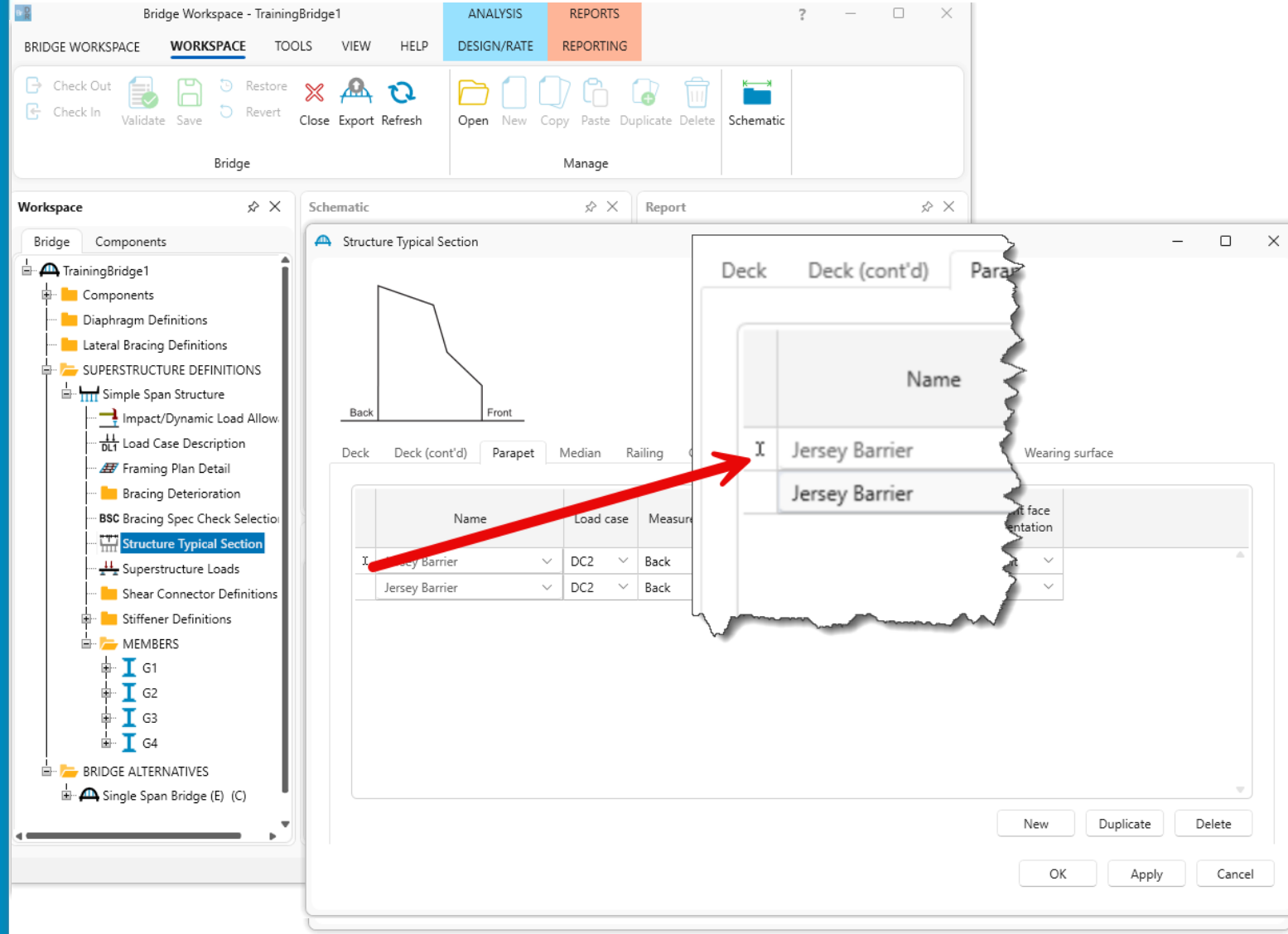
Window Data Grid

- Grid modes
 - Left most column indicate grid edit mode
- Select mode: editor inactive.
- Edit mode: editor active.
- Use **Enter** key to activate cell editor (edit mode).
- Use **Esc** key to deactivate cell editor (select mode).



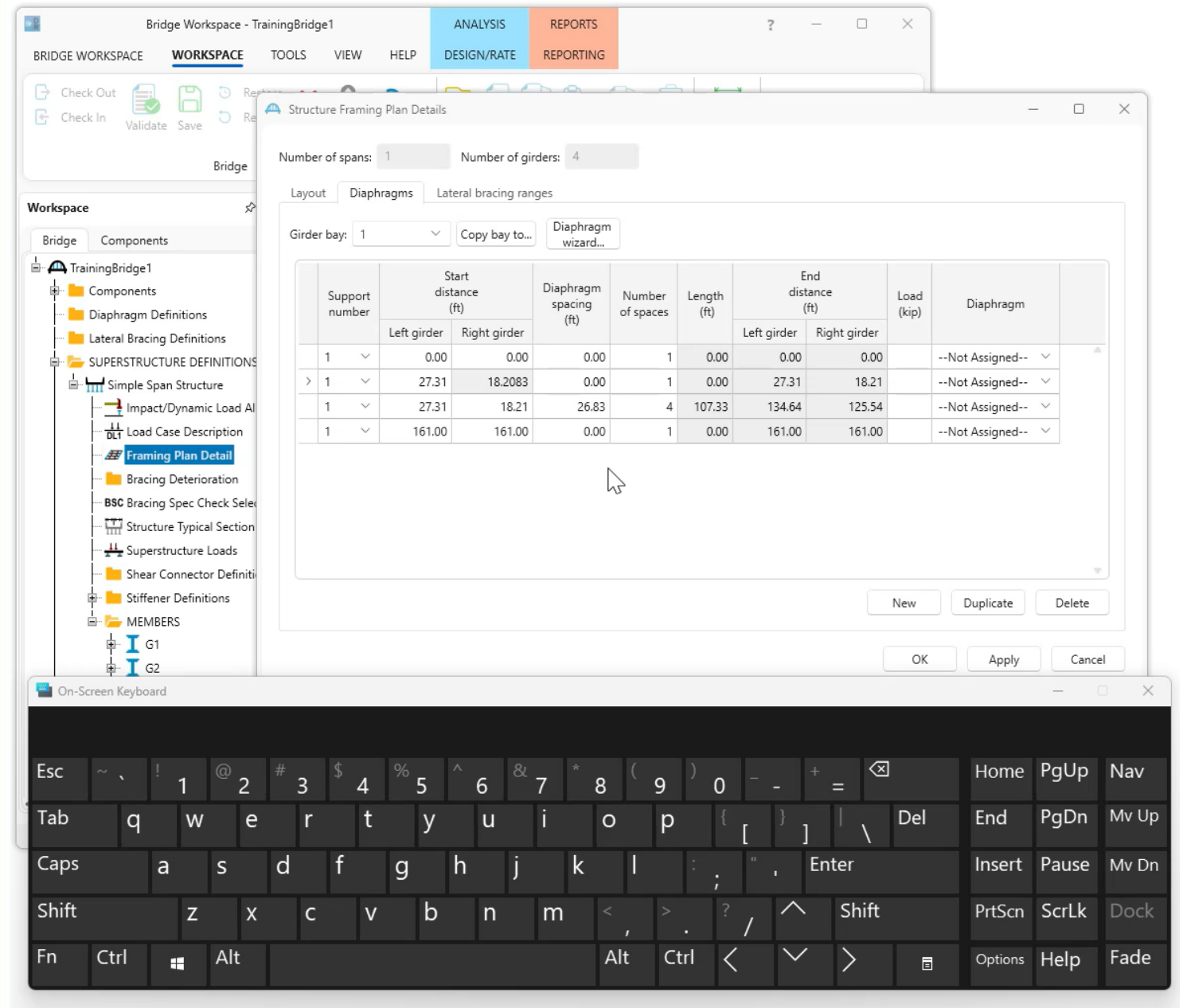
Window Data Grid

- Grid modes
 - > indicate select mode.
-  or I indicate edit mode.
- Note : pressing **Esc** key in select mode will close the window.



Window Data Grid

- Select
 - In select mode – select all rows by using **Ctrl + A** or click left top empty band.
 - Press and hold left mouse button to drag and select rows.
 - Hold Ctrl and click columns to select data from specific columns.



Cheat sheet

Bridge Explorer

- **Alt** – activate ribbon shortcuts.
- **Ctrl + F** – activate grid search.
- **Ctrl + O** – open bridge.
- **Ctrl + N** – new bridge.
- **Application Key** – open context menu.
- **Alt + F4** – close application or window
- **Alt + Space** – activate window control menu.

Bridge Workspace

- **Ctrl + Tab** – toggle between dock panel tabs
- **Enter** or **Ctrl + O** - open window.
- **F5** - refresh BWS tree.
- **Ctrl + S** - save bridge.
- **Ctrl + C** - copy tree node.
- **Ctrl + V** - paste tree node.
- **Ctrl + N** - create new item.
- **Ctrl + D** - duplicate selected tree node.
- **Delete** - delete selected tree node.
- *** Key** (numpad) - expand all tree nodes

Cheat sheet

Bridge Window

- **Esc or Alt + F4** – close window.
- **Enter key** – execute OK.
- **Application key** – open editor context menu.
- **Ctrl + Tab** or **Alt + shortcut key** – toggle between tabs
- **- key (hyphen)** – open create new... window if list-box is in focus.

Window Grid

- **Enter key** – activate edit mode.
- **Esc key**- if in edit mode, activate select mode.
- **Ctrl + A** – select all rows.
- **Ctrl + C** – copy selected data.
- **Ctrl + V** – paste selected data.
- **Alt + N** – add new row.
- **Alt + U** – duplicate selected row.
- **Alt + D** – delete selected row.

Questions