

## Notes to Structures and clearances map

<https://dpti.geohub.sa.gov.au/portal/apps/webappviewer/index.html?id=4d8c2ac2db7247c59b208bda01b43c99#>

This map describes road infrastructure height restrictions on South Australian roads.

The map can be used to support heavy vehicle journey planning, in conjunction with the National Heavy Vehicle Regulator's [Route Planner](#) tool and the Department's [RAVNet](#) site.

### **Disclaimer**

Please note, it is the responsibility of the operator and driver of a vehicle to know the height of their vehicle, and its load to ensure that the clearance under overhead structures is sufficient to enable safe passage. A vehicle must not attempt to travel beneath a bridge or overhead structure if the height of the vehicle, and/or load, is greater than shown on the map.

Operators and drivers must **exercise caution** when using this data. The displayed restrictions are based on the most recent available data, and generally limited to the State-maintained Road network. Re-sealing of road surfaces or other works may affect the actual clearance under some overhead structures.

Clearances beneath overhead structures on Council-maintained roads are *not displayed* unless the Department has been advised of the available clearance by the local Road Manager. Please contact the relevant local Road Manager for details of overhead structures or relevant restrictions on Council-maintained roads—check the [South Australian Local Government Association](#) website for contact details.

Clearances beneath other structures such as communications wires, transmission and distribution powerlines (including at rail crossings) and trees are also not displayed unless information has been provided by the asset owner.

The notes below are provided to explain the meanings of each of the dimensions provided.

### **Height On**

Refers to the clearance height to any overhead gantry, arch or similar installation on a road or bridge. "Height On" examples include:

- gantry signage on the Northern Expressway between Salisbury Highway & Port Wakefield; and
- overhead arches on the road bridge at Murray Bridge (See image over).

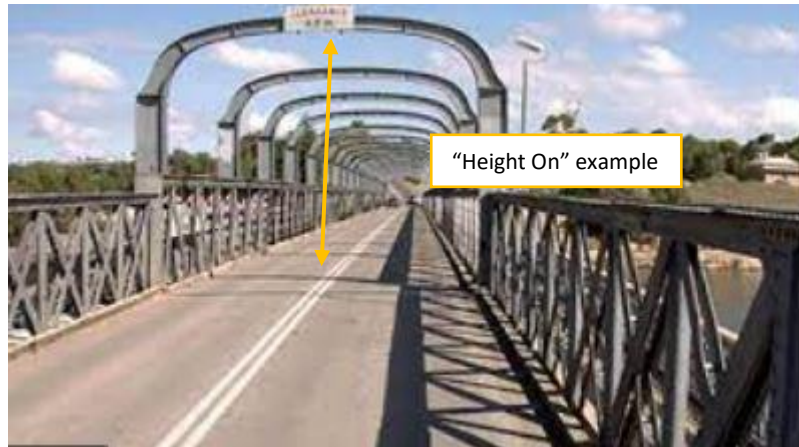


Fig. 1: "Height On" example

### Height Under

Refers to the clearance height beneath the lowest point of a bridge, tunnel, gantry, or similar installation over a road. Generally, where the available clearance is less than 5.0m, a sign will be displayed on the structure as well as highlighted on relevant route network.

"Height Under" examples include:

- footbridges and road bridges over the Southern Expressway; and
- Seaford rail line rail bridges over Marion Road and Daws Road at Mitchell Park.

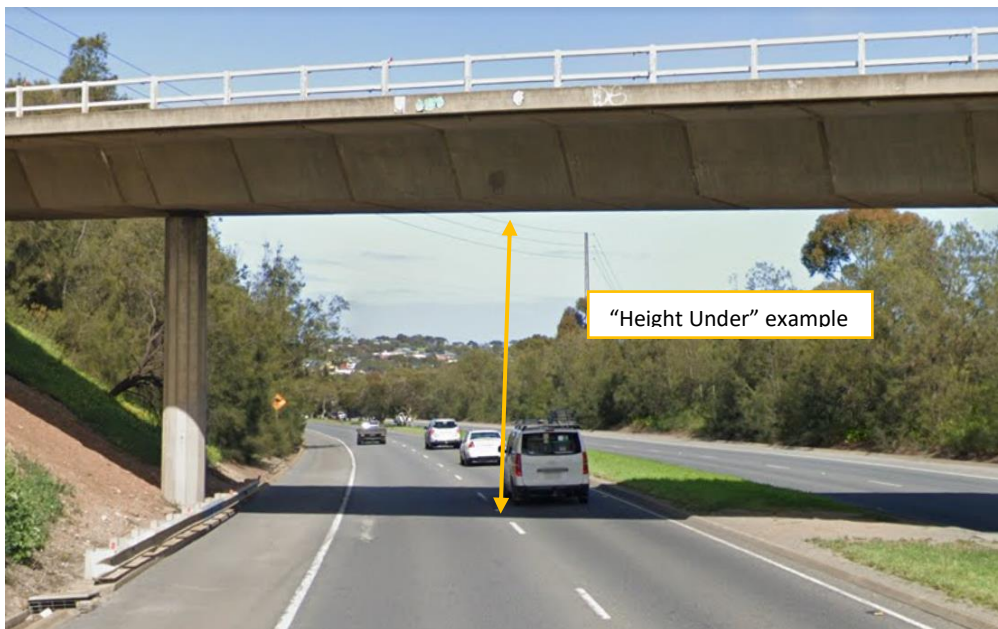


Fig. 2: "Height Under" example

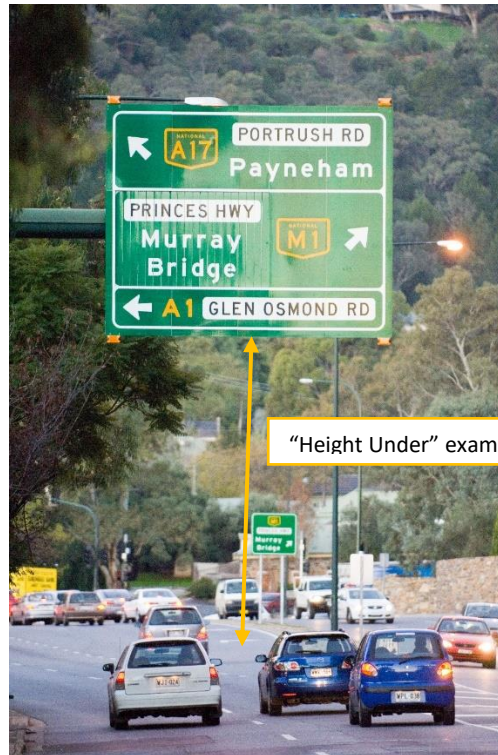


Fig. 3: "Height Under" example

**How to use this map:**

- Ensure all mapping layers are turned on that are relevant to your search, using the check boxes before analysing the height restrictions.

Instructions

Click on the 'Structure Clearances Layers' icon at top right of screen	
Check the box next to the height relevant to your vehicle	
Click on 'Enable pop-up' so you can read structure detail	

**Zoom into the map at to ensure all restrictions are clearly visible, using either the '+' and '-' symbols at top left of your screen (see image over) or by scrolling in and out with your mouse. At a state-wide level you will not see all restrictions that may apply to your route**



If required, select the aerial imagery base layer to determine if a height restriction is “on” or “under”. By zooming into the structure you will also be better able to see at interchanges whether the route you want passes under or over

Instructions:

Click on the ‘more’ icon at top right of screen – refer image	
select ‘Basemap gallery’, then ‘Location SA Imagery Mosaic’	