



# Appendix A - South Australia Class 1 and Class 3 Road Grader and Combination Operator's Guide

Non-participating Road Managers, Participating Road Managers and Road Manager Conditions

July 2021

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## Non-participating road managers

City of Adelaide

City of Prospect

Corporation of the Town of Walkerville\*

\* Corporation of the Town of Walkerville consents to passage within Council boundaries on State roads.

## Participating Road Managers, access and conditions of access

Notes applying for all road managers:

- All access is subject to signposted mass restrictions that may apply on roads for general vehicles (e.g. 'No Trucks' signage on roads, or load limits on specific roads or over bridges).
- Due to the slow acceleration and overall speed of road graders and grader combinations, operators are asked to be especially aware of the impact on other road users of their movement on road. This particularly applies when crossing or travelling on State roads and other high-traffic roads, where sight distances need to be considered. Pilot vehicles and traffic management may also be necessary in some circumstances.
- To be clear, following some council comments received, a roller trailer plant must be towed using only its fitted rubber tyres on road, unless directly undertaking the compaction of material during approved road construction or maintenance activities. Flat steel drums etc. must be raised clear of the road surface when travelling to and between work sites.

### Road grader (single vehicle) – maximum 2.8m wide, 16t rear axle group

Council	Network	Conditions
Department for Infrastructure and Transport (DIT)	<ul style="list-style-type: none"> <li>• 40t Special Purpose Vehicle; and</li> <li>• Old Norton Summit Road, Skye, between published 40t network and Horsnells Gully Road (City of Burnside)</li> </ul>	Subject to restriction on specified roads, structures published to the network as displayed on RAVnet. * Refer to Conditions Table.
Adelaide Plains Council	All Council roads	No mass exemption on Wasleys Road bridge over Light River.
Barossa Council	All Council roads	–

Road grader (single vehicle) – maximum 2.8m wide, 16t rear axle group		
Council	Network	Conditions
Berri Barmera Council	All Council roads	–
City of Burnside	Haven Road, Skye	Access to Haven Road is only permitted via Horsnells Gully Road; right turn Old Norton Summit Road to Horsnells Gully Road, left turn only from Horsnells Gully Road to Old Norton Summit Road.
City of Charles Sturt	All Council roads	–
City of Holdfast Bay	All Council roads	–
City of Onkaparinga	All Council roads	<p>Weather and road access:                      On unsealed roads and single lane narrow roads, travel is suspended during periods of prolonged rain and up to 1 day for every 5mm of rain within the 24 hours period after the rainfall event.</p> <p><b>Note:</b> Suspension does not apply to emergency works undertaken at Council's request.</p>
City of Playford	40t Special Purpose Vehicle Network	* Refer to Conditions Table.
City of Port Adelaide Enfield	All Council roads	–
City of Victor Harbor	Listed Council roads	<p>Access to the following roads only:</p> <ul style="list-style-type: none"> <li>• Waterport Road - between Adelaide Road and District Council of Alexandrina boundary</li> <li>• Welch Road</li> <li>• Armstrong Road</li> <li>• Mill Road</li> <li>• Waitpinga Road</li> <li>• Range Road – between Waitpinga Road and District Council of Yankalilla boundary.</li> </ul>
Clare and Gilbert Valleys Council	All Council roads	–

### Road grader (single vehicle) – maximum 2.8m wide, 16t rear axle group

Council	Network	Conditions
Coorong District Council	All Council roads	–
District Council of Barunga West	All Council roads	–
District Council of Ceduna	All Council roads	* Refer to Conditions Table.
District Council of Cleve	All Council roads	–
District Council of Copper Coast	Specified Council roads*	* Refer to Conditions Table.
District Council of Elliston	All Council roads	–
District Council of Franklin Harbour	All Council roads	No access to unsealed roads in wet conditions. Contact Council for specific requests on (08) 8629 2019.
District Council of Grant	All Council roads	–
District Council of Karoonda East Murray	All Council roads on 26m B-double GML network.	Any road damage caused to be reported to General Manager Infrastructure & Environment on (08) 8578 1004.
District Council of Kimba	All Council roads	–
District Council of Lower Eyre Peninsula	All Council roads	–
District Council of Loxton Waikerie	All Council roads	–
District Council of Orroroo Carrieton	All Council roads	–
District Council of Peterborough	All Council roads	–
District Council of Streaky Bay	All Council roads	No travel on unsealed roads where pooled water remains.
District Council of Tumby Bay	All Council roads	–
District Council of Yorke Peninsula	All Council roads	–
Flinders Ranges Council	All Council roads	–
Light Regional Council	All Council roads	–

### Road grader (single vehicle) – maximum 2.8m wide, 16t rear axle group

Council	Network	Conditions
Mid Murray Council	All Council roads	–
Municipal Council of Roxby Downs	All Council roads	–
Naracoorte Lucindale Council	All Council roads**	** Refer to Conditions Table for exclusions required by the South Eastern Water Conservation & Drainage Board (SEWCDB).
Northern Areas Council	All Council roads	–
Port Pirie Regional Council	All Council roads	–
Regional Council of Goyder	All Council roads	–
Rural City of Murray Bridge	Specified Council roads*	* Refer to Conditions Table.
Southern Mallee District Council	All Council roads	–
Town of Gawler	All Council roads	–
Wakefield Regional Council	All Council roads	<ul style="list-style-type: none"> <li>• No access to natural surface roads (signed as dry weather Road only) in wet conditions.</li> <li>• No access to load limited Dunns Bridge, Bridge Road, Balaklava.</li> </ul>
Wattle Range Council	All Council roads**	** Refer to Conditions Table for exclusions required by the South Eastern Water Conservation and Drainage Board (SEWCDB)

### Road grader combination – Grader 2.8m wide, 16t rear axle group, combination length 19m

Council	Network	Conditions
Department for Infrastructure & Transport (DIT)	19m Network (HML)	Subject to restriction on specified roads, structures published to the network as displayed on RAVnet.
Adelaide Plains Council	All Council roads	No mass exemption on Wasleys Road bridge over Light River.

### Road grader combination – Grader 2.8m wide, 16t rear axle group, combination length 19m

Council	Network	Conditions
Barossa Council	All Council roads	–
Berri Barmera Council	All Council roads	–
City of Charles Sturt	All Council roads	–
City of Onkaparinga	All Council roads	Weather and road access: On unsealed roads and single lane narrow roads, travel is suspended during periods of prolonged rain and up to 1 day for every 5mm of rain within the 24 hours period after the rainfall event. <b>Note:</b> Suspension does not apply to emergency works undertaken at Council's request.
City of Playford	26m B-double GML Network*	* Refer to Conditions Table.
City of Port Adelaide Enfield	All Council roads	–
City of Victor Harbor	Specified Council roads*	* Refer to Conditions Table.
Clare and Gilbert Valleys Council	<ul style="list-style-type: none"> <li>• All Council roads (Grader and Roller only)</li> <li>• 26m B-double GML/HML other combinations</li> </ul>	Grader and trailer/s other than a roller trailer may only use the 26m B-double network (GML).
Coorong District Council	All Council roads	–
District Council of Barunga West	All Council roads	–
District Council of Ceduna	All Council roads*	* Refer to Conditions Table.
District Council of Cleve	All Council roads	–
District Council of Copper Coast	Specified Council roads*	* Refer to Conditions Table.
District Council of Elliston	All Council roads	–

### Road grader combination – Grader 2.8m wide, 16t rear axle group, combination length 19m

Council	Network	Conditions
District Council of Franklin Harbour	All Council roads	No access to unsealed roads in wet conditions. Contact Council for specific requests on (08) 8629 2019.
District Council of Grant	All Council roads	–
District Council of Karoonda East Murray	All Council roads on 26m B-double GML network.	Any road damage caused to be reported to General Manager Infrastructure & Environment on (08) 8578 1004.
District Council of Kimba	All Council roads	–
District Council of Lower Eyre Peninsula	All Council roads	<ul style="list-style-type: none"> <li>• One trailer only may be towed.</li> <li>• 25km/h speed limit if towed trailer is unbraked.</li> </ul>
District Council of Loxton Waikerie	All Council roads	–
District Council of Orroroo Carrieton	All Council roads	–
District Council of Peterborough	All Council roads	–
District Council of Streaky Bay	All Council roads	<ul style="list-style-type: none"> <li>• Ribbed or stone rollers must be floated through the unsealed road network.</li> <li>• No travel on unsealed roads where pooled water remains.</li> </ul>
District Council of Tumby Bay	All Council roads	–
District Council of Yorke Peninsula	All Council roads	–
Flinders Ranges Council	All Council roads	–
Light Regional Council	All Council roads	–
Mid Murray Council	All Council roads	–
Municipal Council of Roxby Downs	All Council roads	–
Northern Areas Council	All Council roads	–
Port Pirie Regional Council	All Council roads	–
Regional Council of Goyder	All Council roads	–



### Road grader combination – Grader 2.8m wide, 16t rear axle group, combination length 19m

Council	Network	Conditions
Rural City of Murray Bridge	Specified Council roads*	* Refer to Conditions Table.
Southern Mallee District Council	All Council roads	–
Town of Gawler	All Council roads	Compliant heavy vehicles with a GVM/GCM up to 45.5t will allowed on the heavy vehicle detour route/SPV network from 1 July 2021.
Wakefield Regional Council	All Council roads	<ul style="list-style-type: none"> <li>No access to natural surface roads (signed as dry weather Road only) in wet conditions.</li> <li>No access to load limited Dunns Bridge, Bridge Road, Balaklava.</li> </ul>
Wattle Range Council	All Council roads**	** Refer to Conditions Table for exclusions required by the SEWCDB.

### Road grader combination – Grader 2.8m wide, 16t rear axle group, combination length 26m

Council	Network	Conditions
Department for Infrastructure & Transport (DIT)	26m B-double GML/HML within participating councils' boundaries	Subject to restriction on specified roads, structures published to the network as displayed on RAVnet.
Adelaide Plains Council	All Council roads	No mass exemption on Wasleys Road bridge over Light River.
Berri Barmera Council	<ul style="list-style-type: none"> <li>19m HML network</li> <li>26m B-double GML/HML network</li> </ul>	–
Clare and Gilbert Valleys Council	26m B-double GML/HML	–
Coorong District Council	All Council roads	–
District Council of Barunga West	All Council roads	–
District Council of Ceduna	All Council roads	* Refer to Conditions Table.
District Council of Cleve	All Council roads	–

### Road grader combination – Grader 2.8m wide, 16t rear axle group, combination length 26m

Council	Network	Conditions
District Council of Copper Coast	Specified Council roads*	* Refer to Conditions Table.
District Council of Elliston	All Council roads	–
District Council of Franklin Harbour	All Council roads	No access to unsealed roads in wet conditions. Contact Council for specific requests on (08) 8629 2019.
District Council of Karoonda East Murray	All Council roads on 26m B-double GML network.	<ul style="list-style-type: none"> <li>Any road damage caused to be reported to General Manager Infrastructure &amp; Environment on (08) 8578 1004.</li> <li>To limit road damage risks, no use of unsealed roads when 5mm or more rain has fallen in the past 24 hours.</li> <li>Extreme care to be taken through the intersections of Walker Flat Road and Kunlara Road.</li> </ul>
District Council of Kimba	All Council roads	–
District Council of Loxton Waikerie	All Council roads	–
District Council of Mount Remarkable	All Council roads	No access to natural surface (unsealed) roads in wet conditions.
District Council of Orroroo Carrieton	All Council roads	–
District Council of Peterborough	All Council roads	–
District Council of Streaky Bay	All Council roads	<ul style="list-style-type: none"> <li>Ribbed or stone rollers must be floated through the unsealed road network.</li> <li>No travel on unsealed roads where pooled water remains.</li> </ul>
District Council of Tumby Bay	All Council roads	–
District Council of Yorke Peninsula	All Council roads	–
Flinders Ranges Council	All Council roads	–
Light Regional Council	All Council roads	–
Mid Murray Council	All Council roads	–

### Road grader combination – Grader 2.8m wide, 16t rear axle group, combination length 26m

Council	Network	Conditions
Municipal Council of Roxby Downs	All Council roads	–
Northern Areas Council	All Council roads	–
Port Pirie Regional Council	All Council roads	–
Regional Council of Goyder	All Council roads	–
Rural City of Murray Bridge	Specified Council roads*	Refer to Conditions Table.
Southern Mallee District Council	All Council roads	–
Wakefield Regional Council	All Council roads	<ul style="list-style-type: none"> <li>• No access to natural surface roads (signed as dry weather road only) in wet conditions.</li> <li>• No access to load limited Dunns Bridge, Bridge Road, Balaklava.</li> </ul>

## Road Manager Conditions

### Department for Infrastructure & Transport (DIT)

#### Single road grader conditions

No access on the following State roads:

- Barossa Valley Way, Altona – between McLaren Hill Road and Altona Road (within Barossa Council)
- Whole of Holbrooks Road, Underdale (bridge over River Torrens – within City of Charles Sturt)
- West Lakes Boulevard, West Lakes – between Military Road and Frederick Road (bridges over lake – within City of Charles Sturt)
- Glynburn Road – between Kensington Road, Erindale and Greenhill Road, Burnside (within City of Burnside)
- Main Road, McLaren Vale – between Malpas Road/Binneys Road intersection and Branson Road/Rifle Range Road intersection (within City of Onkaparinga)
- Main Road, Coromandel Valley – between McNamara Road and Black Road (within City of Onkaparinga)
- Sir Condor Laucke Way, Nuriootpa – between Sturt Highway and Stonewell Road (within Light Regional Council)
- Thiele Highway, Kapunda – between Kings Bridge Road and North Terrace Kapunda (within Light Regional Council)
- Ridley Road between Pine Hut Road and Piltz Road (within Mid-Murray Council)
- Sea Parade, Port MacDonnell – between Feast Street and Pascoe Road/Eight Mile Creek Road junction
- All state roads within City of Victor Harbor. Council has provided a route on its roads connecting adjacent councils.

#### Road grader combination conditions (19m and 26m)

No access on the following State roads

- Marrabel Road, Marrabel – between Golf Course Road and Curio Road (within Clare and Gilbert Valleys Council)
- Owen Road, Hamley Bridge – between Albert Street and Linke Road (within Light Regional Council)
- Thiele Highway, Kapunda – between Kings Bridge Road and North Terrace over Allen Creek Bridge (within Light Regional Council)

## City of Playford

- The heavy vehicle must remain on the sealed sections of the road and avoid travelling off the edge (except in cases of emergency).
- If roadside furniture is required to be removed to allow the passage of the heavy vehicle, it must be prepared for ease of removal and then removed as the heavy vehicle is approaching and replaced as originally fitted immediately after the heavy vehicle has passed.
  - The operator is responsible for the removal and replacement of all roadside furniture without adversely interrupting the movement of the heavy vehicle. A separate support vehicle must travel with the vehicle and load if the removal of any road furniture is required. This task is not to be performed by pilot/escort vehicles.
  - If the heavy vehicle or heavy vehicle combination is likely to cross over and cause damage to traffic islands, kerbs or medians, suitable heavy timber ramps and running planks are to be placed to prevent damage to these assets.
- The heavy vehicle must not travel during school zone restriction times between 8am to 9am and 2:30pm to 3:30pm on an official school day. In this section, a school zone refers to an area on a street near a school or near a crosswalk leading to a school.
- In the event that the permitted heavy vehicle damages assets or infrastructure within City of Playford roads, contact must be made with Traffic Engineer via 08 8256 0333 with receipt of the advised damage from the road manager. A written statement of the damage must be recorded and provided in writing to the road manager prior to repairs of the damaged infrastructure or asset.

## City of Victor Harbor

Access to the following roads only:

- Waterport Road – between Adelaide Road and District Council of Alexandrina boundary
- Welch Road
- Armstrong Road
- Mill Road
- Waitpinga Road
- Range Road – between Waitpinga Road and District Council of Yankalilla boundary

## District Council of Ceduna

### Weather and road access

- On unsealed roads and single lane narrow roads, travel is suspended during periods of prolonged rain and up to one day for every 5mm of rain within the 24-hour period after the rainfall event. This is applied to allow sufficient time for the road and road pavement to dry, preventing damage.

- Access may be further restricted or deferred in the event of a significant rainfall event. Contact must be made with the road manager on such an occasion.

#### **Wet Road Restriction**

- Restricted Access Vehicles (RAV) operators are required to inspect all unsealed routes that have received greater than 15mm of rain in a 24-hour period, to ensure that the pavement will not be damaged by the RAV operation. This requirement, together with restriction 1) above, means the inspection should occur at least three days after the rain event, and in a vehicle that is unlikely to cause any damage.

#### **Restricted Infrastructure Condition: Heavy Vehicle Movement – Report of Damage**

- In the event that the permitted heavy vehicle damages assets or infrastructure, contact must be made with the General Manager Operations on (08) 8625 3407 with receipt of the advised damage from the road manager.
- A written statement of the damage must be recorded and provided in writing to the road manager prior to repairs of the damaged infrastructure or asset.
- Travel is not permitted on Poynton Street between Kuhlmann Street and Day Terrace, Ceduna.

#### **District Council of Copper Coast**

All unsealed council roads and access to sealed roads is limited to the following roads:

- Wallaroo Bypass (Bowman Road, Sharples Road, Magazine Road, Cresco Road, Chatfield Terrace)
- Tickera Road, Kadina – between Spencer Highway and Drain Road
- Snodgrass Road, North Moonta
- Wallaroo Plain Road, Wallaroo Plain
- Roach Street, Kadina
- Agery Road – between Roach Street and Council boundary
- Thrington Road, Thrington
- Ninnes Road, Ninnes
- Prices Road, Paskeville
- Kainton Road – between Upper Yorke Road and Paskeville
- Verran Terrace/Arthurton Road – between Moonta and Yorke Peninsula Council boundary
- Moonta-Wallaroo Road, North Moonta
- Haylock Road, North Moonta

### Weather and road access

- On unsealed roads and single lane narrow roads, travel is suspended during periods of prolonged rain and up to one day for every 5mm of rain within the 24-hour period after the rainfall event. This is applied to allow sufficient time for the road and road pavement to dry, preventing damage.
- Access may be further restricted deferred in the event of a significant rainfall event. Contact must be made with the road manager on such an occasion.

### District Council of Karoonda East Murray

- Any road damage caused to be reported to General Manager Infrastructure & Environment on (08) 8578 1004.
- To limit road damage risks, no use of unsealed roads when 5mm or more rain has fallen in the past 24 hours.
- Extreme care to be taken through the intersections of Walker Flat Road and Kunlara Road.

### Naracoorte Lucindale Council

Access is not permitted for road graders as a single vehicle on the following road bridges over SEWCDB Drains:

Road name	Drain name
Bagnalls Road – approx. 2.6km south of Elad Road	Drain C
Lochaber South Road, Stewart Range – approx. 100m south of Messamurray Road	Drain E

Access is not permitted for road graders in combination (towing one or more items) on the following road bridges over SEWCDB drains:

Road name	Drain name
Bagnalls Road, Coles – approx. 2.6km south of Elad Road	Drain C
Bagnalls Road – approx. 300m east of above	Drain M
Cluain Lane, Fox – approx. 950m south of Khayyam Road	Drain M
Crooked Lane, Moyhall – 2km south of Nilans Lane	Drain M
Lochaber South Road, Stewart Range – approx. 100m south of Messamurray Road	Drain E

## Rural City of Murray Bridge

Access is limited to the following roads:

- OD4 (Murray Bridge bypass) – Hindmarsh Road, Maurice Road, Cypress Terrace
- Ferries McDonald Road, Monarto South
- Brinkley Road, Mulgundawa
- Old Princes Highway – between East Terrace Callington and Adelaide Road Murray Bridge East
- Bremer Valley Road – between Old Princes Highway and Bondleigh Road
- Usher Road and Pope Road, Gifford Hill
- Hoadville Road, Brinkley
- Jarvis Road, Jervois
- Flagstaff Road, Murray Bridge South

## Wattle Range Council

Access is not permitted for road graders as a single vehicle or in combination on the following road bridges over SEWCDB Drains:

Road name	Drain name
Bevilaqua Ford Road, Canunda – approx. 450m south of Narrow Neck Road	Bevilaqua Drain
Canunda Frontage Road, English Gap – approx. 50m south of Ninde Park Road	Drain 48
Carthew Road, Rendelham – north of Wright Road intersection	Drain 10B
Carthew Road/Main Road 300 intersection, Rendelsham	Drain 20B
Hennesey Lane, Trihi – approx. 600m north of Mount McIntyre Road	Trihi Lagoon Drain
Hogans Lane, Thornlea – approx. 800m south east of Whitehead Road	Mount Hope Drain
Maldari Road, Coonawarra – approx. 1.5km north of Tricia Reschke Road	Drain C
Mitchell Road, Kalangadoo – approx. 200m south of Rogers Road	Drain A



Rod Road, Tantanoola – approx. 400m east of Agricultural Bureau Drive	Drain 56A
Rogers Road, Kalangadoo – approx. 300m west of Mitchells Lane	Drain A

## Contacting the Department for Infrastructure and Transport

For clarification on any of the information outlined above, the Department's Heavy Vehicle Policy and Strategy team can be contacted by:

Email: [DIT.RoadAuthority@sa.gov.au](mailto:DIT.RoadAuthority@sa.gov.au)

Phone: 1300 334 640

### For more information:

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