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# Agricultural Combination **Operating Conditions**

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# Document Control

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<b>Custodian</b>	Manager Heavy Vehicle Road Network Access
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## Amendments

Revision Number	Revision Date	Description of Key Changes	Section
1	22/09/2021	Formatted document, amended allowable delineation methods, added passing and overtaking requirements, updated general pilot requirements, added requirements for positioning pilot vehicles and managing traffic and updated Perth metropolitan area map.	All cl.10.3, cl.8.2, s.11, Appendix 2
2	28/07/2022	Updated definition for Agricultural Machine to include rigid vehicle fitted with an apparatus used for an agricultural application.	Definitions
3	25/08/2022	Removed reference to combinations exceeding 40 metres in length.	cl.12.2, 12.3 & 12.4
4	25/10/2022	Amended document to reference updated order title.	cl. 1.1.1
5	23/05/2023	Clarified restricted roads in Metro & bridge crossing permit requirements. Added Height Clearance Requirements, Width Clearance Requirements & Contraflow Movements.	s.7.2-6

## REFERENCES AND RELATED DOCUMENTS

The following document relates to these Operating Conditions and are available on the Main Roads website:

Document Number	Description
D15#453366	Oversize Vehicle & Pilot Vehicle General Requirements
D18#793921	Agricultural Pilot Operational Requirements
D13#317598	Contact Details for Other Agency Approvals

## DEFINITIONS

The following are definitions for terms used in these Operating Conditions. Refer to the definitions in the *Road Traffic (Administration) Act 2008* and the *Road Traffic (Vehicles) Act 2012* and any subsidiary legislation to these Acts for the meanings of any terms not defined in this section. If a definition in the relevant Acts or the subsidiary legislation conflicts with a definition in this section, the definition in this section prevails for the purpose of these Operating Conditions.

Term	Definition
<b>Agricultural Combination</b>	A self-propelled vehicle, including an agricultural machine, that is towing an agricultural implement or two or more vehicles that include an agricultural implement in combination, exceeding statutory mass and/or dimension limits.
<b>Agricultural Machine</b>	A machine with its own motive power, built to perform agricultural tasks, including a rigid vehicle fitted with an apparatus used for an agricultural application.
<b>Agricultural Pilot</b>	A person authorised to accompany an agricultural combination under the Heavy Vehicle Agricultural Pilot Authorisation, who is not required to hold any formal qualifications or a heavy vehicle pilot licence.
<b>Central Zones</b>	The area within and including the boundaries of the Perth and Fremantle central zones as depicted in <a href="#">Appendix 3</a> .
<b>Curfew</b>	A period when the movement of an agricultural combination is not permitted.
<b>Day</b>	The hours between sunrise and sunset. Sunrise and sunset times can be obtained from the Perth Observatory website at <a href="http://www.perthobservatory.com.au/">www.perthobservatory.com.au/</a> or by contacting the Perth Observatory on 08 9293 8255, or from the Geoscience Australia website at <a href="http://www.ga.gov.au/geodesy/astro/sunrise.jsp">http://www.ga.gov.au/geodesy/astro/sunrise.jsp</a>
<b>Friday Long Weekend</b>	A weekend extended to three days where the preceding Friday is the granted Public Holiday.
<b>Front Projection</b>	The distance measured from the front of the lens of the vehicle's headlights to the forward most part of the vehicle.
<b>Licensed Pilot</b>	A qualified heavy vehicle pilot who is a holder of a heavy vehicle pilot licence issued under Part 13A of the Road Traffic (Vehicles) Regulations 2014.
<b>Main Roads website</b>	<a href="http://www.mainroads.wa.gov.au">www.mainroads.wa.gov.au</a>
<b>Mandurah Curfew Map</b>	The area within <a href="#">Appendix 4</a> .

<b>Metropolitan Area</b>	As depicted in <a href="#">Appendix 2</a> , means the area within: <ul style="list-style-type: none"> <li>(a) the northern boundaries of the Local Government districts of Wanneroo, Swan and Mundaring;</li> <li>(b) the eastern boundaries of the Local Government districts of Wanneroo, Swan, Mundaring, Kalamunda, Armadale and Serpentine-Jarrahdale;</li> <li>(c) the southern boundaries of the Local Government districts of Serpentine-Jarrahdale and Rockingham; and</li> <li>(d) the Indian Ocean coastline.</li> </ul>
<b>Monday Long Weekend</b>	A weekend extended to three days where the following Monday is the granted Public Holiday.
<b>Night</b>	The hours between sunset and sunrise. Sunset and sunrise times can be obtained from the Perth Observatory website at <a href="http://www.perthobservatory.com.au/">www.perthobservatory.com.au/</a> or by contacting the Perth Observatory on 08 9293 8255, or from the Geoscience Australia website at <a href="http://www.ga.gov.au/geodesy/astro/sunrise.jsp">http://www.ga.gov.au/geodesy/astro/sunrise.jsp</a>
<b>Operator</b>	A representative of the company responsible for the operation of the an Agricultural Combination.
<b>Order</b>	An Order issued under the Road Traffic (Vehicles) Act 2012.
<b>Peak Traffic Periods</b>	The hours of 7:30am to 9:00am and 4:30pm to 6:00pm, Monday to Friday (public holidays excluded).
<b>Posted Speed Limit</b>	The speed limit indicated on the speed limit sign or in the absence of a speed limit sign in a built-up area, 50 kilometres per hour.
<b>Projection</b>	The distance an object extended beyond the normal confines or body of the vehicle to the front, side or rear.
<b>RAV</b>	Restricted Access Vehicle (RAV) and includes an agricultural combination.
<b>Tandem Drive Network 2</b>	The Tandem Drive Network 2 approved roads are published in the form of Road Tables or are available on the RAV Mapping Tool on the Main Roads website.
<b>Traffic Guidance Scheme</b>	A traffic guidance scheme is a documented plan for managing traffic in high-risk situations, such as contraflow movements. There are traffic guidance schemes for common movements approved by Main Roads, which are available on the Oversize Over-mass Permits page on the Main Roads website.
<b>Special Permit</b>	A Temporary Permit Exceeding 48 hours (for licencing purposes) for over-mass and over-dimensional vehicles, available from the Department of Transport.
<b>Vehicle Regulations</b>	The <i>Road Traffic (Vehicles) Regulations 2014</i> .

## 1 APPLICATION

- 1.1.1** The *Agricultural Combinations Order* applies to an agricultural combination that has a towing vehicle, which is licensed, or is covered by a valid special permit, or is being moved by a dealer using Trade Plates.
- 1.1.2** The *Agricultural Combinations Order* also applies to an agricultural machine when not towing an agricultural implement.

## 2 COMPLYING WITH LICENCING CONDITIONS

Drivers and operators are reminded that in addition to these Operating Conditions, the agricultural combination must be driven in accordance with any conditions of the vehicle's licence, as imposed by the relevant *Licensing Authority*.

## 3 COMPULSORY HEAVY VEHICLE INCIDENT REPORTING

All on-road incidents involving an agricultural combination must be reported to Main Roads Heavy Vehicle Services by the operator. The Heavy Vehicle Incident Reporting form is available on the Incident Reporting page on the Main Roads website and it must be submitted within 48 hours of the incident occurring.

## 4 ORDER STATUS

### 4.1 Order Suspension & Revocation

- 4.1.1** Approval to operate an agricultural combination may be suspended when road and/or traffic conditions are considered unsuitable. Main Roads personnel, WA Police or Traffic Escort Wardens, may make verbal notification of such suspension.
- 4.1.2** Approval to operate an agricultural combination may be suspended or revoked if the operator or vehicle combination fails to comply with any of the requirements specified in these Operating Conditions.

### 4.2 Order Amendments & Notifications

- 4.2.1** These Operating Conditions are subject to occasional amendment. If amendments are made that impact operators, they will be published as an "HVS update" on the Main Roads website on the first working day of the month. Operators and drivers are required to ensure that they are operating vehicles on the public road network in accordance with the current *Agricultural Combination Operating Conditions*.
- 4.2.2** Heavy Vehicle Travel Impacts are published when road conditions may impede the movement of Restricted Access Vehicles. Operators and drivers are required to check the Heavy Vehicle Travel Impacts on the Main Roads website immediately prior to operating the vehicle on the public road network to ensure that there is no relevant information that will impede their vehicle operating on the WA road network.
- 4.2.3** All conditions stipulated in HVS Updates or Heavy Vehicle Travel Impacts must be adhered to. Where a condition stipulates that contact must be made with a site supervisor or any other person prior to travel, this must be done via email or text message and evidence provided to Main Roads' personnel upon request.

## 5 MASS REQUIRMENTS

### 5.1 Mass Limits – Wheels on an Agricultural Combinations

The wheels on an agricultural combination must not exceed a mass limit specified for an axle in the table below:

Width of narrowest tyre on axle (mm)		Mass limit (t)		
at least	less than	axle with 1 tyre	axle with 2 tyres	axle with 4 tyres
190	228	3.0	6.0	9.0
228	254	3.0	6.0	9.5
254	279	3.0	6.0	10.0
279	305	3.25	6.5	11.0
305	330	3.5	7.0	12.0
330	356	3.75	7.5	13.0
356	381	4.0	8.0	14.0
381	406	4.5	9.0	14.0
406	458	5.0	10.0	14.0
458	508	5.5	11.0	14.0
508	-	6.0	14.0	16.0



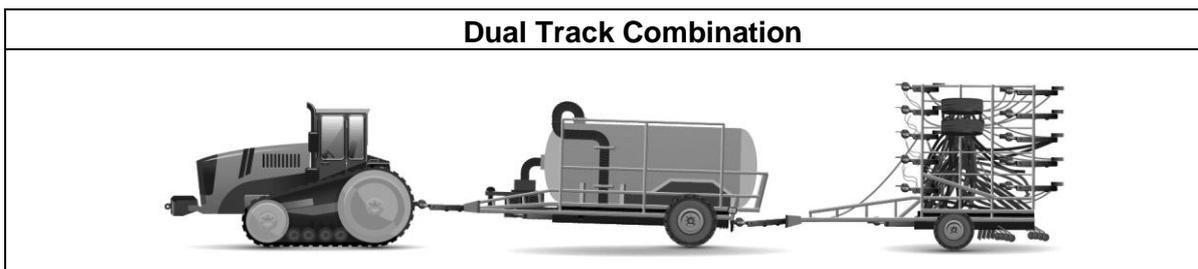
### 5.2 Track Widths

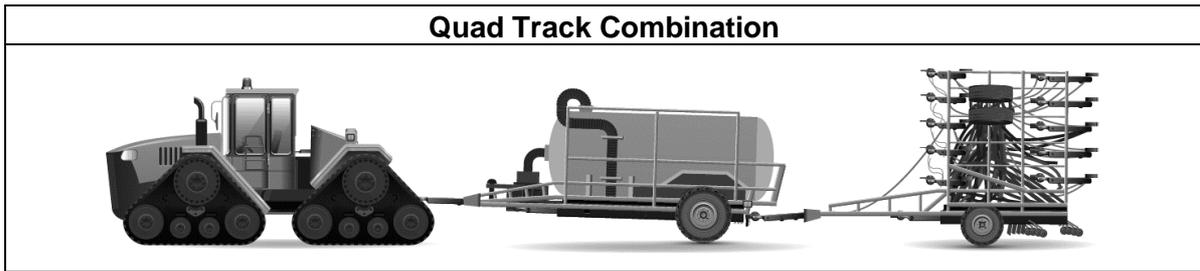
The rubber tracks on an agricultural combination must have a width of at least 406 millimetres.

### 5.3 Mass Limits – Dual & Quad Tracked Agricultural Combinations

The tracks on dual or quad agricultural combination must not exceed the mass limits specified in the following table:

Dual Tracked	14.0 tonnes per track
Quad Tracked	7.0 tonnes per track

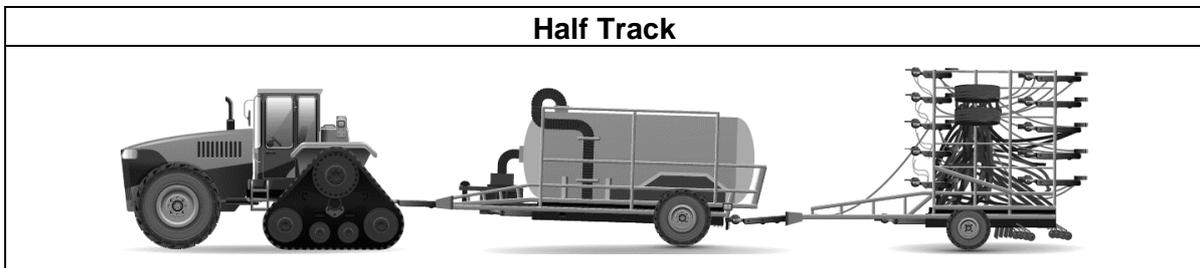




## 5.4 Mass Limits – Half Tracked Agricultural Combinations

5.4.1 The tracks on a half tracked agricultural combination must not exceed the mass limit specified in the following table:

Half Tracked	7.0 tonnes per track
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## 6 DIMENSION REQUIREMENTS

- 6.1.1 An agricultural combination must not exceed 6.0 metres in height.
- 6.1.2 An agricultural combination must not exceed 40.0 metres in length.
- 6.1.3 An agricultural combination must not exceed 8.5 metres in width.
- 6.1.4 An agricultural combination must not exceed 4.5 metres rear overhang.
- 6.1.5 Despite sub-clause 6.1.4, an agricultural combination that consists of an auger or conveyor may have a rear overhang not exceeding 14.0 metres.
- 6.1.6 An agricultural combination must be reduced to the smallest possible dimension, i.e. any boom or other equipment fully retracted.

**Note 1:** For the purpose of this clause, any flags, lights or mirrors on the agricultural combination shall be disregarded when measuring the dimensions.

**Note 2:** Any Agricultural Combination exceeding the above dimension limits must apply for an Oversize Single Trip Permit.

## 7 ACCESS CONDITIONS

### 7.1 Route Survey

7.1.1 Prior to departure, the operator or driver of the agricultural combination must assess the route of travel to ensure that it is suitable for use and that it can be driven along without contravening these Operating Conditions.

**7.1.2** An agricultural combination must not be driven along a road if it is likely to cause:

- (a) Damage to a property or another vehicle;
- (b) Damage to telecommunication, electrical, rail, gas, water or sewage services; or
- (c) Damage to a road (including a bridge), structure, roadside furniture, rail crossing or tree.

## 7.2 Approved Roads

An agricultural combination may travel on any road within the State of Western Australia, except:

- (a) A Freeway;
- (b) A Highway within the Metropolitan Area; and
- (c) A road within a Central Zone.

## 7.3 Bridge Restrictions

**7.3.1** An agricultural combination exceeding the following mass limits must not be driven on any bridge unless the operator obtains a bridge crossing permit:

- (a) 9.0 tonne on a single axle;
- (b) 16.5 tonne on a tandem axle group;
- (c) 20.0 tonne on a tri or quad axle group; or
- (d) 42.5 tonne gross mass.

**Note 1:** *If an Agricultural Combination needs to cross a bridge, a Bridge Crossing Permit or Single Trip Permit must be obtained. Application forms are available on the Main Roads website. Additional Traffic Escort and/or pilot requirements may be applied.*

**Note 2:** *Drive over structure locations are published on the RAV Mapping Tool, available on the Main Roads website.*

## 7.4 Height Clearance Requirements

Unless otherwise specified on the permit, an Agricultural Combination must not travel under a structure unless there is a minimum of 300 millimetres clearance between the load and the structure.

**Note:** *Drive under structure locations are published on the Agricultural Vehicles page and the RAV Mapping Tool on the Main Roads website.*

## 7.5 Width Clearance Requirements

If a minimum 300 millimetre clearance between the an Agricultural Combination and any fixed obstacle, including roadside furniture, traffic signals, guardrails etc. is not available due to the width of the load, a spotter must be utilised to guide the driver of the an Agricultural Combination through the obstacle. The driver of a pilot vehicle may perform the function of a spotter, provided it does not affect their ability to perform their duties as the pilot.

## 7.6 Contraflow Movements

**7.6.1** Contraflow movements must only be conducted in accordance with an approved Traffic Guidance Scheme. If an approved Traffic Guidance Scheme is not available on the Oversize Overmass (OSOM) on the Main Roads website, the operator must submit a Traffic Guidance Scheme to Main Roads Heavy Vehicle Services for approval.

**7.6.2** An Agricultural Combination undertaking a contraflow movement within the Metropolitan Area must contact the Main Roads Network Operations Centre on 138 111 and advise them of the location, date and time of the contraflow movement.

**7.6.3** This clause does not apply to an Agricultural Combination required to travel across the centreline of a road, then immediately return to the correct side of the road, to avoid an obstacle, such as a streetlight, parked vehicle, stay wire or power line.

## 7.7 Other Agency Height Approvals

**7.7.1** An agricultural combination exceeding 4.3 metres in height must not be driven on a road without current written approval from all of the relevant overhead cable operators.

**7.7.2** Despite sub-clause 7.7.1, an agricultural combination up to 4.6 metres in height may travel on any road listed in *Tandem Drive Network 2*, without approval from the relevant cable operator, except where a height restriction is specified as a road condition in *Tandem Drive Network 2*.

**7.7.3** Any written approval obtained in accordance with this clause must be carried and produced to a member of the WA Police or Main Roads.

**Note:** *Contact Details for Other Agency Approvals are available on Oversize Overmass (OSOM) page of the Main Roads website.*

## 8 SPEED & SAFE TRAVEL CONDITIONS

### 8.1 Speed Restrictions

**8.1.1** An agricultural combination exceeding 3.5 metres in width must not be driven at a speed that exceeds the lesser of:

- (a) The maximum vehicle speed defined as part of the vehicle's licencing conditions; or
- (b) 80 km/h; or
- (c) The posted speed limit.

**8.1.2** A agricultural combination exceeding 2.5 metres in width travelling at night must not be driven at a speed that exceeds the lesser of:

- (a) The maximum vehicle speed defined as part of the vehicle's licencing conditions; or
- (b) 80 km/h; or
- (c) The posted speed limit.

**Note:** *The above are the maximum allowable speeds. Agricultural combinations must be driven at a safe speed, taking into consideration the road conditions and the combination's performance capabilities.*

**8.1.3** An agricultural combination approaching a railway crossing must be driven at a speed at which the driver can, if necessary, stop safely before the crossing.

**8.1.4** An agricultural combination approaching any fixed obstacle, including roadside furniture, traffic signals, guardrails etc. must be driven at a speed at which the driver can safely negotiate the obstacle and if necessary, stop safely.

**8.1.5** An agricultural combination approaching another vehicle in the opposing direction must be driven at a speed at which the driver can, if necessary, move over or stop safely before passing.

## 8.2 Passing & Overtaking

- 8.2.1** The driver of an agricultural combination or lead pilot must monitor the UHF channel 40 for oncoming RAVs. Where it is identified that the agricultural combination and a RAV will need to pass in opposing directions and the road width is not adequate, the agricultural combination or RAV that is passing a suitable parking bay must stop in the parking bay to facilitate the vehicles passing each other. All involved parties must communicate with one another to determine who will stop in a parking bay, or if no parking bay is available, move off the road at a suitable location.
- 8.2.2** Where the road width is not sufficient to allow an oncoming vehicle to pass the agricultural combination and for both vehicles to remain on the sealed section of road, the agricultural combination driver must determine which vehicle is a higher risk. Higher risk includes factors, such as heavier axle loadings and higher centre of gravity. The higher risk vehicle must remain on the sealed section of road, where practicable.
- 8.2.3** To avoid unreasonable traffic build up and allow vehicles to pass safely, an agricultural combination in excess of 4.5 metres in width must stop in all suitable parking bays to allow built up traffic to pass.

**Note:** *Unreasonable traffic build up can include multiple vehicles, as well as a single vehicle that has been held-up behind the agricultural combination for more than 10 minutes, due to a lack of overtaking opportunities. Nothing in this clause prevents an agricultural combination from stopping or slowing down in other suitable and safe areas to allow vehicles to pass safely.*

## 8.3 Minimum Following Distance

The driver of an agricultural combination must maintain a distance of at least 200 metres from any other heavy vehicle travelling in front of it, unless:

- (a) Agricultural combinations are travelling in convoy in accordance with these operating conditions; or
- (b) The agricultural combination is overtaking the vehicle in front or the vehicle in front is stopping; or
- (c) There is a separate lane available for the use of overtaking traffic; or
- (d) The agricultural combination is in an urban area and it is not reasonably practicable to maintain such a distance; or
- (e) The agricultural combination is stopped, or coming to a stop for the purpose of complying with a provision of any law or avoiding conflict with other traffic

## 8.4 Poor Visibility

- 8.4.1** The driver of an agricultural combination must not begin to travel if, due to circumstances such as fog, heavy rain, smoke, dust or insect plague:
- (a) The visibility is less than 250 metres during the day; or
  - (b) The headlights of a vehicle approaching within 250 metres cannot be seen at night.
- 8.4.2** Where an agricultural combination is already travelling when visibility is reduced to the level described above, the driver must drive into the nearest safe parking area, and wait until visibility improves beyond that level before continuing to travel.

## 9 TOWING & LOADING RESTRICTIONS

### 9.1 Towing

- 9.1.1 The self-propelled towing vehicle in an agricultural combination must not tow more than three (3) agricultural implements.
- 9.1.2 The self-propelled towing vehicle in an agricultural combination must only tow two (2) agricultural implements if towing one (1) other non-agricultural vehicle.
- 9.1.3 Only one (1) non-agricultural vehicle may be towed in an agricultural combination.
- 9.1.4 A non-agricultural vehicle in an agricultural combination must not exceed 2.5 metres in width.
- 9.1.5 An agricultural combination must not tow a heavy vehicle, other than an agricultural implement.

### 9.2 Carrying a Load

An agricultural combination that exceeds a statutory mass limit must not carry a load, unless:

- (a) The load is equipment and/or substances necessary for the operation of the vehicle; or
- (b) The load is necessary to enable the vehicle to perform its agricultural function.

## 10 WARNING DEVICES

### 10.1 Lights

- 10.1.1 An agricultural combination must operate with headlights switched on at all times, unless the agricultural combination is not required to be fitted with headlights.
- 10.1.2 An agricultural combination in excess of 2.5 metres in width must display at least one amber flashing warning light, which must be visible in all directions, or must be supplemented by additional warning lights so at least one warning light is visible in all directions.
- 10.1.3 A warning light must comply with the requirements set out in the *Oversize Vehicle & Pilot Vehicle General Requirements*.
- 10.1.4 An agricultural combination must not operate an amber warning light if not required under this clause.

### 10.2 Warning Signs & Flags

- 10.2.1 An agricultural combination in excess of 2.5 metres in width must clearly display "Oversize" warning signs on the front and rear of the vehicle.
- 10.2.2 An agricultural combination must display a warning flag on the extremity of a front or rear projection greater than 1.2 metres.
- 10.2.3 An "Oversize" warning sign and warning flag must comply with the requirements set out in the *Oversize Vehicle & Pilot Vehicle General Requirements*.
- 10.2.4 An agricultural combination must not display an "Oversize" warning sign if not required under this clause.

### 10.3 Other Markings

- 10.3.1** If an agricultural combination has a forward projection exceeding 1.2 metres, the part that is projecting forward of the vehicle's body must display striping made from retro-reflective material, coloured red and white or red and yellow.
- 10.3.2** A side projection on an agricultural combination that extends beyond the body or wheels, whichever is wider, by more than 150mm, must be delineated with one of the allowable delineating methods set out in the *Oversize Vehicle & Pilot Vehicle General Requirements*.
- 10.3.3** Any part of an axle on an agricultural combination that projects more than 150 mm from the outside wall of the tyres must be painted fluorescent yellow or have yellow fluorescent or other high-visibility material wrapped around it.

### 10.4 Additional Lighting Requirements at Night

An agricultural combination travelling at night must be sufficiently illuminated to ensure it is clearly visible to approaching traffic.

## 11 PILOT REQUIREMENTS

### 11.1 General Pilot Requirements

- 11.1.1** The pilot vehicle must comply with the requirements stipulated in the *Agricultural Pilot Operational Requirements*.
- 11.1.2** The driver of a pilot vehicle must hold a Heavy Vehicle Pilot License, unless authorised under the *Heavy Vehicle Agricultural Pilot Authorisation*, available on the Main Roads website.
- 11.1.3** For the purpose of this clause, the driver of a pilot vehicle operating in accordance with the *Heavy Vehicle Agricultural Pilot Authorisation* is known as an "agricultural pilot".
- 11.1.4** Where an agricultural pilot is specified in [Appendix 1A](#), the driver of a pilot vehicle is not required to hold a Heavy Vehicle Pilot License.
- 11.1.5** Where a Licensed Heavy Vehicle Pilot is specified in [Appendix 1A](#), it may be substituted for an agricultural pilot, provided there is a holder of a Heavy Vehicle Pilot License in the lead agricultural combination, overseeing the pilots.
- 11.1.6** The headlights or day running lights on a pilot vehicle or escort vehicle must be switched on when accompanying an agricultural combination.
- 11.1.7** A pilot vehicle must not tow a trailer or carry a load, but it may carry tools, equipment or substances for use in connection with the Agricultural Combination it is accompanying.
- 11.1.8** Despite sub-clause 11.1.7. where an agricultural pilot is specified in [Appendix 1A](#), the pilot vehicle may tow one (1) agricultural implement or trailer, provided:
- It is not wider than 2.5 metres; and
  - It does not interfere with the driver's rearward field of vision; and
  - It does not obstruct the pilot vehicle's warning light and sign, unless there is an additional warning light and sign mounted to agricultural implement or trailer.

## 11.2 Pilot Vehicle Warning Lights and Signs

- 11.2.1** When accompanying an agricultural combination, pilot vehicles must have amber flashing warning lights operating in accordance with the *Agricultural Pilot Operational Requirements*.
- 11.2.2** When accompanying an agricultural combination exceeding 4.5 metres in width, the lead pilot vehicle must have two “alternating flashing white lights”, known as *Wig Wag Lights*, on the front of the pilot vehicle in accordance with the *Agricultural Pilot Operational Requirements*.
- 11.2.3** When accompanying an agricultural combination, pilot vehicles must have “Oversize Load Ahead” warning signs displayed in accordance with the *Agricultural Pilot Operational Requirements*.
- 11.2.4** Pilot vehicles must not have warning lights operating or signs displayed when not accompanying an agricultural combination.

## 11.3 Managing Traffic

- 11.3.1** The lead pilot or driver of the lead agricultural combination must use UHF Channel 40 at regular intervals to warn oncoming traffic of the approaching oversize agricultural combination.
- 11.3.2** In accordance with clause 8.2, the lead pilot must monitor the UHF channel 40 for oncoming RAVs or oncoming higher risk vehicles and must facilitate the agricultural combination or the other vehicles pulling into parking bays, or other appropriate areas, to enable the oncoming vehicles to pass safely.
- 11.3.3** To ensure the oncoming traffic can pass the agricultural combination safely, the lead pilot must communicate clearly with oncoming traffic to advise them to move off the road to enable the oversize agricultural combination to pass. If a vehicle is not a sufficient distance off the road to allow clear passage of the agricultural combination, the pilot must advise the driver of the agricultural combination and the agricultural combination must stop until the passage is clear.
- 11.3.4** In accordance with clause 8.2, a rear pilot must monitor the traffic build up at the rear of the agricultural combination and advise the lead pilot when there is traffic build up. The pilots must facilitate the agricultural combination pulling into parking bays or stopping in other safe locations as required to enable vehicles to pass.

**Note:** *Unreasonable traffic build up can include multiple vehicles, as well as a single vehicle that has been held-up behind the agricultural combination for more than 10 minutes, due to a lack of overtaking opportunities. Nothing in this clause prevents an agricultural combination from stopping or slowing down in other suitable and safe areas to allow vehicles to pass safely.*

## 11.4 Position of Pilot Vehicles

- 11.4.1** When one (1) pilot vehicle accompanies an agricultural combination, the pilot vehicle must travel:
- (a) Behind the agricultural combination when travelling on a road with multiple lanes in the direction of travel (other than overtaking lanes); or
  - (b) In front of the agricultural combination when travelling on a road with a single lane in the direction of travel.

- 11.4.2** When two (2) pilot vehicles accompany an agricultural combination, the pilot vehicles must travel:
- (a) One (1) in front of the agricultural combination and one (1) behind the agricultural combination; or
  - (b) Where necessary to manage traffic behind the agricultural combination, both may travel behind the agricultural combination when travelling on a road with multiple lanes in the direction of travel (other than overtaking lanes), provided the agricultural combination does not encroach into oncoming traffic.
- 11.4.3** Sub-clauses 11.4.1 and 11.4.2 do not apply when it is necessary for the pilot vehicles to be positioned in a different manner for the purpose of warning traffic at intersections and bridge crossings.
- 11.4.4** A pilot vehicle must travel far enough ahead of the agricultural combination it is accompanying to give adequate warning to other road users of the presence of the agricultural combination, taking into account the type of vehicles that use the road, traffic speed, road geometry, availability of safe pullover areas, weather, visibility and other driving conditions.
- 11.4.5** A pilot vehicle must not travel on or over continuous dividing lines on a carriageway, unless positioning the vehicle in a safe manner to control an intersection or close a road / bridge.
- 11.4.6** When crossing continuous dividing lines on a carriageway to control an intersection or close a road / bridge, the pilot must ensure there is sufficient sight distance available for approaching traffic to see the pilot vehicle and stop safely

## 11.5 Number of Pilot Vehicles

- 11.5.1** An agricultural combination must be accompanied by the minimum number of pilot vehicles specified in [Appendix 1A](#) when travelling outside of the Metropolitan Area.
- 11.5.2** An agricultural combination must be accompanied by the minimum number of pilot vehicles and traffic escort vehicles specified in [Appendix 1B](#) when travelling inside the Metropolitan Area.
- 11.5.3** The number of pilot vehicles specified in [Appendix 1A](#) & [Appendix 1B](#) are the minimum number of pilot vehicles required. If an operator considers it necessary to use additional pilot vehicles to facilitate the safe movement of an oversize agricultural combination, additional pilot vehicles may be used.
- 11.5.4** In addition to any other pilot requirements, an agricultural combination consisting of an auger or a conveyor with a rear overhang exceeding 10.0 metres, must be accompanied by at least one (1) agricultural pilot to safely facilitate the excessive tail swing.

## 11.6 Convoy Travel with Pilot Vehicles

- 11.6.1** A maximum of three agricultural combinations may travel in convoy with one another when accompanied by pilot vehicles.
- 11.6.2** When agricultural combinations are travelling in convoy, the pilot vehicle requirements and any other conditions that are applicable to the largest combination, apply to the convoy.
- 11.6.3** The distance between agricultural combinations travelling in convoy must not exceed 100 metres.

**11.6.4** Despite sub-clause 11.6.3, an agricultural combination that is travelling over a bridge must always maintain a distance of at least 200 metres from any other RAV travelling in front of it.

## 12 CURFEW

### 12.1 Night Curfews

An agricultural combination that exceeds 3.2 metres in width is not permitted to travel at night, unless:

- (a) Travelling on an Agricultural Pilot Green Zone road; or
- (b) Travelling between Green Zone roads on an Orange Zone road within 1 km; and
- (c) Complying with clause 10.4 - Additional Lighting Requirements at night.

**Note:** *Agricultural Pilot Zones are available on the RAV Mapping Tool on the Main Roads website.*

### 12.2 Metropolitan Area Curfews

**12.2.1** An agricultural combination that exceeds 2.7 metres in width or 22 metres in length must not be driven on any road within the Metropolitan Area during the peak traffic periods.

**12.2.2** An agricultural combination that exceeds 6.5 metres in width must only travel within the Metropolitan Area on weekdays from Monday to Friday between 09:30am and 2:00pm, and Saturday and Sunday between sunrise and sunset.

### 12.3 Christmas and New Year Curfews

**12.3.1** An agricultural combination exceeding 5.5 metres in width must not travel on any of the following prohibited roads during the following curfew periods:

**Prohibited Roads:**

- |   |                               |
|---|-------------------------------|
| (a) All roads in the Metropolitan Area                          | (b) Albany Highway            |
| (c) Brand Highway   | (d) Brookton Highway          |
| (e) Bussell Highway   | (f) Forrest Highway           |
| (g) Indian Ocean Drive  | (h) Muir Highway              |
| (i) North West Coastal Highway (Geraldton to Kalbarri Turn-off) | (j) Northampton Kalbarri Road |
| (k) South Coast Highway   | (l) South Western Highway     |

**Curfew Periods:**

- (a) From sunrise on the Friday until sunset on the Sunday prior to Christmas Day; and
- (b) From sunrise on 24th December until sunset on 3rd January.

**12.3.2** Despite sub-clause 12.3.1, an agricultural combination may travel on the prohibited roads, except roads within the Metropolitan Area, for a maximum distance of 1.0 kilometre, for the purpose of traveling between non-prohibited roads.

## 12.4 Easter Curfews

**12.4.1** An agricultural combination exceeding 5.5 metres in width must not travel on any of the following prohibited roads during the following curfew period:

**Prohibited Roads:**

- |  |                               |
|--|-------------------------------|
| (a) All roads in the Metropolitan Area                             | (b) Albany Highway            |
| (c) Brand Highway  | (d) Brookton Highway          |
| (e) Bussell Highway  | (f) Forrest Highway           |
| (g) Indian Ocean Drive   | (h) Muir Highway              |
| (i) North West Coastal Highway<br>(Geraldton to Kalbarri Turn-off) | (j) Northampton Kalbarri Road |
| (k) South Coast Highway  | (l) South Western Highway     |

**Curfew Period:**

From sunrise on the Thursday before Good Friday until sunset on the Tuesday after Easter Monday.

**12.4.2** Despite sub-clause 12.4.1, an agricultural combination may travel on the prohibited roads, except roads within the Metropolitan Area, for a maximum distance of 1.0 kilometre, for the purpose of traveling between non-prohibited roads.

## 12.5 Long Weekends

An agricultural combination exceeding 2.7 metres in width and/or 30 metres in length must not travel on Forrest Highway and Lakelands Lake Clifton Road (includes Mandurah and Dawesville Bypasses), between the intersections of Pinjarra Road and Peppermint Grove Road, (Refer to the [Appendix 4 – Mandurah Curfew Map](#)), during the following periods:

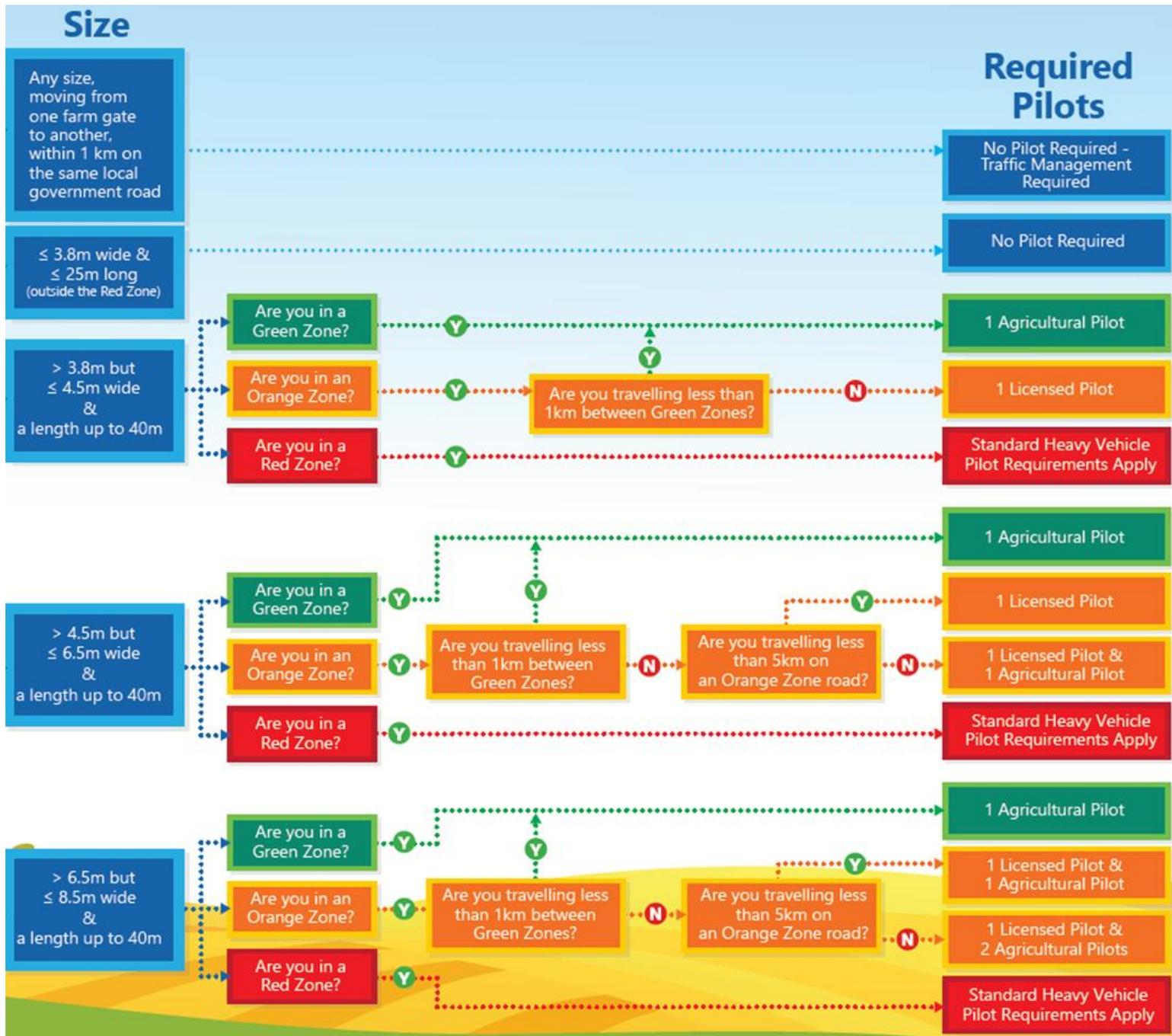
- Sunset on the Thursday prior to a Monday long weekend until sunrise on the Tuesday after a Monday long weekend; and
- Sunset on the Wednesday prior to a Friday long weekend until sunrise on the Monday after a Friday long weekend.

**Note:** If the public holiday falls on a Tuesday, Wednesday or Thursday no curfew applies.

## 13 APPENDICES

Appendix	Title
Appendix 1A	Agricultural Pilot Requirements
Appendix 1B	General Pilot Requirements
Appendix 2	Metropolitan Area Map
Appendix 3	Central Zones
Appendix 4	Mandurah Curfew Map

## Appendix 1A – Agricultural Pilot Requirements



**Green Zone** – All roads within the areas bounded by Regional Distributor and State roads.

**Orange Zone** – All Regional Distributor and State roads, outside the Metropolitan Area.

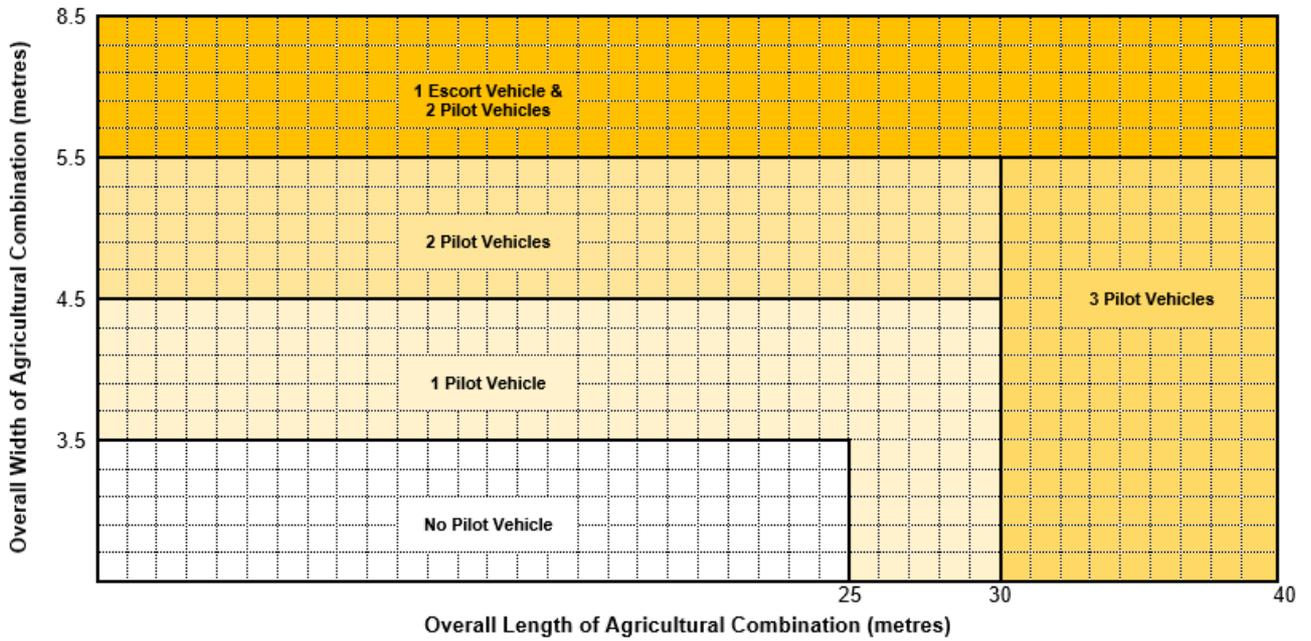
**Red Zone** – All roads within the Metropolitan Area.

**Note:** Agricultural Pilot Zones are available on the RAV Mapping Tool on the Main Roads website.

Traffic management must be in accordance with D07#103477 - Traffic Management Requirements - Towed Agricultural Implements Crossings, available on the Main Roads website.

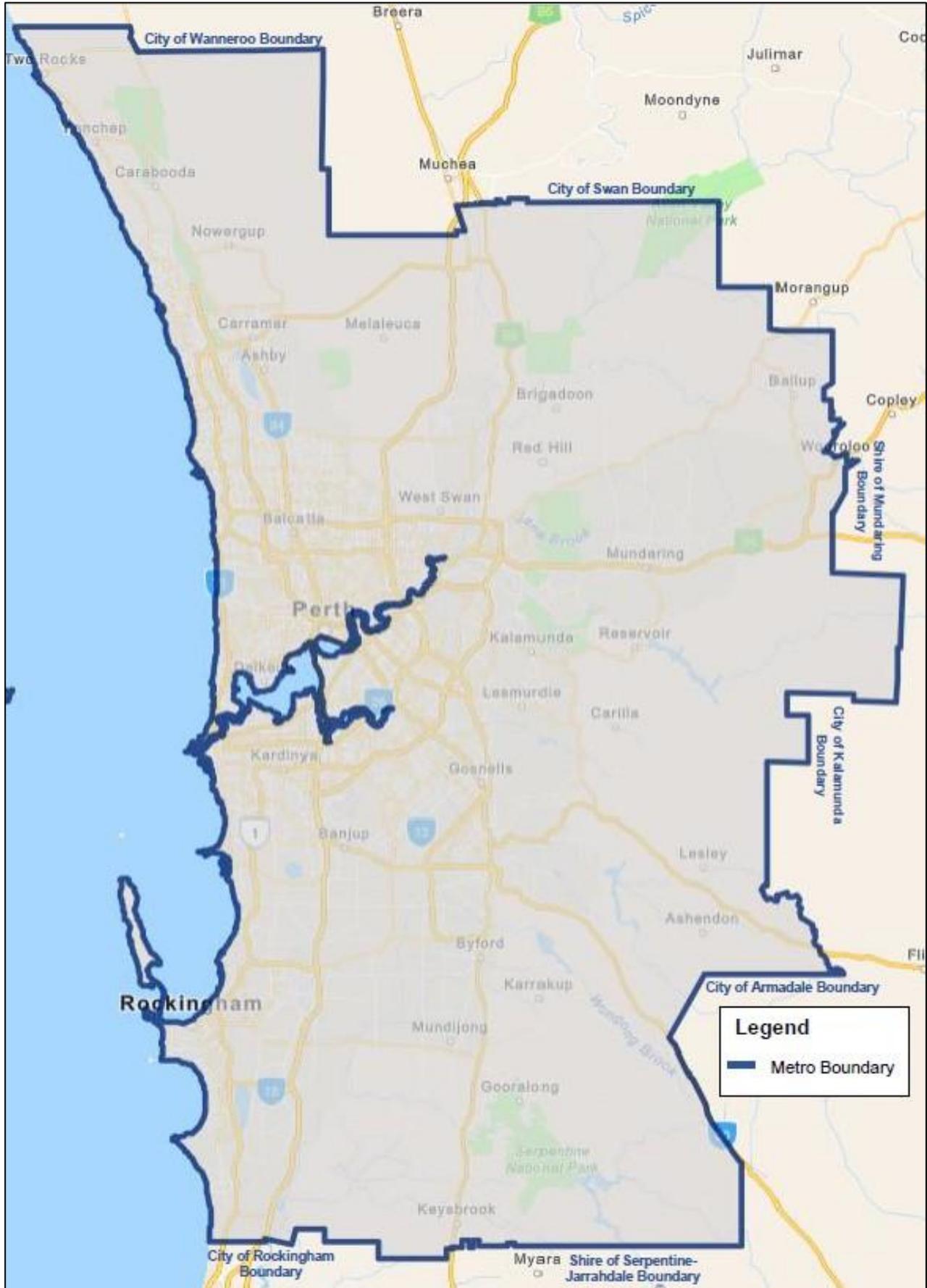
## Appendix 1B – General Pilot Requirements

### Minimum Pilot Requirements



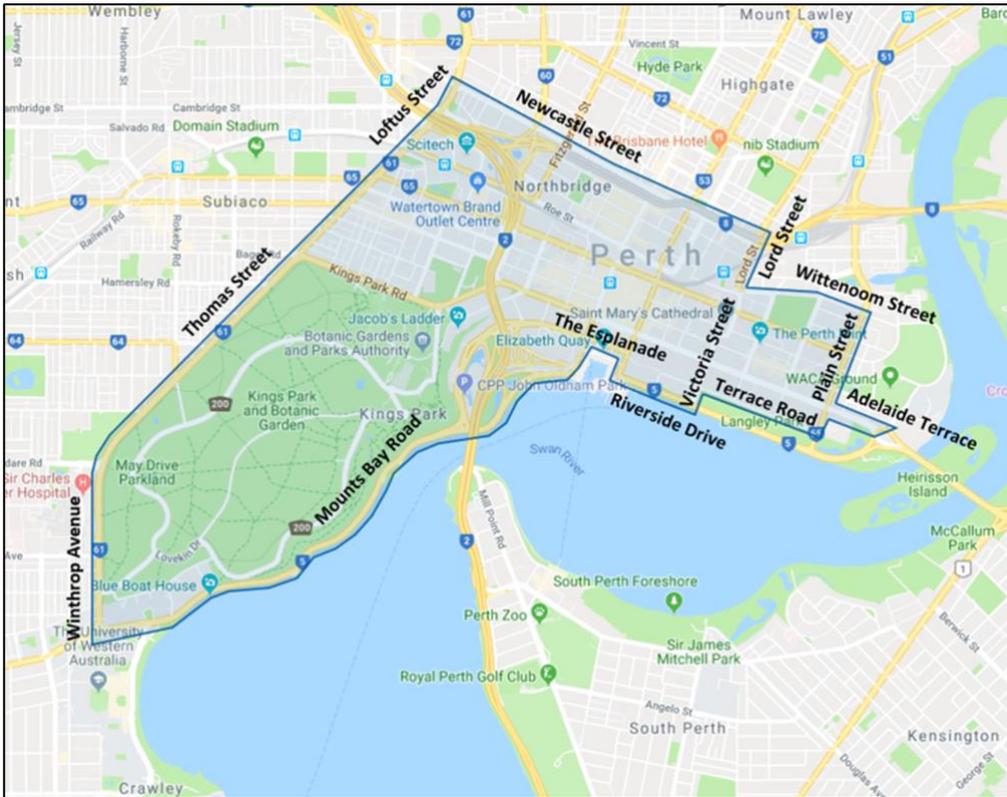
**Note:** The driver of a 'Pilot Vehicle' referred to in Appendix 1B must be a licensed pilot.

## Appendix 2 – Metropolitan Area Map

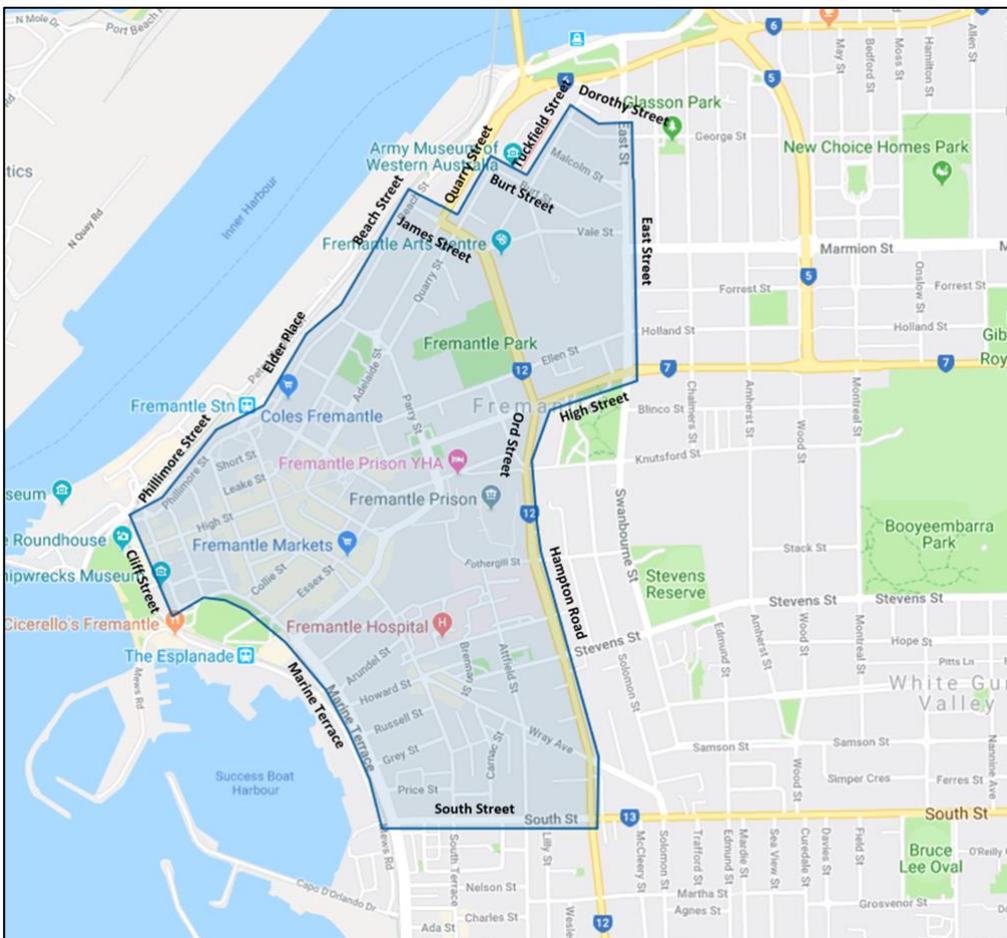


## Appendix 3 – Central Zones

### Perth Map



### Fremantle Map



## Appendix 4 – Mandurah Curfew Map

