

Safe Movement Guideline | Pilot and Escort Operations in Queensland

September 2021

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Part 1 - Introduction

1. Purpose of the guideline

This guideline provides the additional specifications, operational requirements and driver conditions for pilot and escort vehicles and drivers assisting the movement of oversize vehicles and combinations on the Queensland road network under National Notices, Permits and Guidelines (including light vehicle guidelines).

2. How this guideline should be used

This document must be read in conjunction with the *Queensland Access Conditions Guide* that contains specific additional information and travel restrictions referred to in this guideline, a notice, permit or the *Safe Movement Guideline for Over-dimension Light Agricultural Vehicles and Combinations in Queensland*.

Unless otherwise specified, the specifications, requirements and restrictions of this guideline are in addition to the provisions of Schedule 8 of the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation*. Schedule 8 provides general requirements for oversize heavy vehicles, pilot and escort vehicles and pilot and escort drivers.

An accredited level 1 pilot vehicle driver escorting oversize vehicles and combinations must comply with accredited level 1 pilot vehicle driver provisions of this Guideline. Where a pilot vehicle is assisting an agricultural vehicle or combination and the pilot vehicle is being driven by a (non-accredited) pilot vehicle driver, the driver should also comply with the requirements and conditions provided in this guideline wherever practical (Part 2 Sections 1-4 in particular).

Secondary pilot vehicles up to 6.5 tonnes Gross Vehicle Mass assisting with a piloting function under a notice, permit or guideline are also required to comply with this Guideline as a condition of assisting a vehicle operating under the notice, permit. Schedule 1 Part 4 section 24 of the *Heavy Vehicle National Law* (Matters for which statutory instruments may make provision) – provides the NHVR power to require a heavy vehicle (4.5t up to 6.5t) operating as a secondary pilot vehicle to comply with the guideline when assisting with pilot operations

3. Guideline authority

This guideline is issued under the *Transport Operations (Road Use Management—Vehicle Standards and Safety) Regulation 2021* section 53, in accordance with the Statutory Instruments Act 1992 section 22.

4. Definitions

Unless otherwise stated, words and expressions used in the guideline have the same meanings as those defined in the *Heavy Vehicle National Law* and subordinate legislation.

Access Conditions Guide means the [Queensland Access Conditions Guide](#) published on the Queensland Government Publications Portal webpage that contains location and time travel restrictions, conditions of access and additional information that is referenced in notices, permits and guidelines.

Accredited level 1 pilot vehicle driver means a person who is level 1 accredited under the *Transport Operations (Road Use Management — Accreditation and Other Provisions) Regulation*, Part 2 for the duties of a pilot vehicle driver.

Built-up area, in relation to a length of road, means an area where there are buildings on land next to the road, or there is street lighting at intervals not over 100m for a distance of at least 500m, or the whole road if it is shorter than 500m.

Business day means a day that is not a Saturday, Sunday, or a public holiday.

City means and includes any place within the city limits of the towns or cities listed in Appendix A of the *Queensland Access Conditions Guide* and are not limited to the Central Business District of any such place.

Daytime means the period beginning at sunrise and ending at sunset or where visibility is not less than 250m in natural light.

Escort vehicle means a vehicle that displays warning signs and lights as required under schedule 8 Part 1 Division 5 of the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation* and is driven by an accredited level 2 escort vehicle driver to warn other road users of the oversize vehicle's presence.

HV(MDL)NR means the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation*.

Light vehicle means a motor vehicle that has a Gross Vehicle Mass of 4.5 tonne or less, or a trailer that has an ATM of 4.5 tonne or less.

Movement Record means a document that contains information that is required to be recorded under Part 2 Section 4.4 of this Guideline (in a Movement Record book).

NHVR means the National Heavy Vehicle Regulator.

Night-time means the period beginning at sunset and ending at sunrise or where visibility is less than 250m due to natural light.

Oversize light vehicle means a light vehicle that, together with any load, does not comply with Part 4, division 3, subdivision 1 (Projection limits) or Schedule 1, Part 6, Division 2 (Dimension requirements) of the VSS Regulation.

Pilot vehicle means a vehicle that displays warning signs and lights as required under schedule 8 Part 1 Division 5 of the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation* and is driven by an accredited level 1 pilot vehicle driver, to warn other road users of the oversize vehicle's presence.

Pilot vehicle driver, for the purpose of an agricultural notice or guideline, means a person who holds a current licence to drive a pilot vehicle as described in this guideline.

Pilot or escort operation includes any operation where a pilot, escort or police vehicle accompanies an oversize vehicle or combination in accordance with a notice, permit or other lawful authorisation.

QPS means Queensland Police Service.

Queensland excess mass and dimension conditions means conditions for access to the road network (including the Conditions of Operations Database) located on the [TMR website](#).

Queensland Globe means the [Queensland mapping website](#).

TMR means the Department of Transport and Main Roads.

VSS Regulation means the *Transport Operations (Road Use Management – Vehicle Standards and Safety) Regulation 2021*.

5. Applicable persons

Escort operations can be conducted by Police Officers, and level 2 accredited escort vehicle drivers appointed by the Chief Executive of TMR to carry out pilot and escort duties under Section 21 of the *Transport Operations (Road Use Management Act) 1995*.

Note: Police officers are not bound to follow this guideline when conducting escort operations.

Level 1 pilot operations can be conducted by accredited level 1 pilot vehicle drivers and accredited level 2 escort vehicle drivers appointed by the Chief Executive of TMR to carry out pilot duties under Section 21 of the *Transport Operations (Road Use Management) Act 1995*.

Note: The accreditation process for level 1 pilot vehicle drivers and escort vehicle drivers can be found on the [pilot and escort vehicle driver accreditation page](#) on the TMR website.

Agricultural vehicle and combination pilot operations can be conducted by a pilot vehicle driven by a person who holds a current licence to drive the pilot vehicle as described in this guideline, except where an accredited level 1 pilot vehicle/driver or escort vehicle/driver is specified.

6. Contact details for Queensland Police Service

Telephone: 1300 077 020

Email: HVROPO@police.qld.gov.au

Part 2 - Requirements

1. Warning devices

1.1 Wig wag lights for escort vehicles only

- 1.1.1 Wig wag lights must only be operated by an escort vehicle during daylight hours when escorting an oversize vehicle or combination that requires an escort vehicle. An escort vehicle's wig wag lights, when operating, must:
- (a) emit a yellow or white coloured light; and
 - (b) not be a strobe light; and
 - (c) have a power of at least —
 - (d) if LED technology is used—25 watts; or
 - (e) if other technology is used—55 watts; and
 - (f) flash alternatively to give a wig wag effect.
- 1.1.2 Wig wag lights must be installed in the following position:
- (a) fitted symmetrically (same position on both sides of the vehicle); and
 - (b) no higher than the top of dipped beam lamp; and
 - (c) not less than 250mm from the ground; and
 - (d) mounted at the front of the vehicle without obstructing the driver's view; and
 - (e) the outside edge of the lights is to be no further than 400mm from the side of the car.

1.2 Additional requirements

- 1.2.1 Warning signs as required under Schedule 8 of the HV(MDL)NR must be clearly visible and legible to other road users when engaged in piloting or escorting an oversize vehicle or combination.
- 1.2.2 The warning sign on a pilot or escort vehicle must be entirely covered, removed, or laid flat so as not to be read by other road users when the pilot or escort vehicle is not actively engaged in piloting or escorting.
- 1.2.3 An escort vehicle must carry six traffic cones or triangles that comply with the Australian Standard or a standard equivalent to the Australian Standard.

2. Operating requirements

2.1 Pilot and escort vehicle operating requirements

- 2.1.1 A pilot or escort vehicle must have:
- (a) four or more wheels; and
 - (b) a gross vehicle mass (GVM) of 4.5t or less for a pilot or escort vehicle; or
 - (c) a GVM of 6.5t or less in the case of a secondary rear pilot vehicle if two pilot vehicles are required. (refer to Schedule 8 of the HV(MDL)NR).
- 2.1.2 When there is more than one pilot or escort vehicle required, the pilot or escort vehicle directly in front of the oversize vehicle or combination is classified as the lead pilot or escort vehicle.

- 2.1.3 When there is a requirement for only one pilot or escort vehicle, that vehicle is classified as the lead pilot or escort vehicle.
- 2.1.4 When a police vehicle forms part of an escort, the police will be in charge of the move. (**Note:** Police escorts are only involved when a permit has been obtained for the movement).

2.2 Speed limits

- 2.2.1 The maximum speed limit applying to a person driving an oversize vehicle or combination is:
- (a) When required to travel with a pilot or escort vehicle - 80km/h outside built-up areas, except where official traffic signs indicate a lower speed limit; otherwise
 - (b) 90km/h outside built-up areas, except where official traffic signs indicate a lower speed limit.

2.3 Traffic build-up

- 2.3.1 Where the oversize vehicle or combination is travelling at a speed that causes a build-up of traffic, the driver of the oversize vehicle or combination must take all reasonable steps to alleviate the build-up of traffic. This does not include exceeding any posted speed limit or speed limit indicated in Part 2 Section 2.2

2.4 Road network access conditions

- 2.4.1 Specific area and road travel restrictions and conditions are contained in the Access Conditions Guide.
- 2.4.2 Pilot and escort vehicle drivers must be aware of all travel restrictions in a notice, permit, guideline, the Access Conditions Guide, and the Queensland excess mass and dimension conditions (including the Conditions of Operations Database).

3. Positioning of pilot, escort and assisting vehicles

The following tables indicate the recommended position and distance that pilot or escort vehicles and police escort vehicles should employ when accompanying an oversize vehicle or combination.

Where a combination of pilot vehicles and escort vehicles is required –

- an escort vehicle must take the lead pilot/escort role and take the position immediately in front of the oversize vehicle (between 200m and 1500m based on the relevant road type in Tables 1 to 8) or
- where a Police vehicle is immediately in front of the oversize vehicle; the position immediately in front of the Police vehicle (between 300m and 2000m based on the relevant road type in Tables 3, 5, 6, 7 and 8).

The relevant maximum distances may be varied by an accredited pilot or escort vehicle driver or the police officer, taking into consideration traffic volume and flow, road condition, speed of travel of the oversize vehicle, maximum speed limit, location, weather conditions, the approaching vehicle speed and braking distance.

Additional vehicles required to accompany an oversize vehicle or combination as a result of requirements from permits and other authorities (for example, railway, Telstra etc.) should travel where appropriate behind the oversize vehicle or combination and in front of the rear pilot or escort vehicles until they are to be used to assist the oversize vehicle or combination as determined by the accredited pilot or escort vehicle driver.

Table 1 – One pilot or escort vehicle

Location	Vehicle	Maximum Distance
Built-up area	one escort or pilot vehicle	300m in front of the oversize vehicle
Built-up area (dual carriageway)	one escort or pilot vehicle	300m behind the oversize vehicle
Outside built-up area (max. posted speed limit is less or equal to 80km/h)	one escort or pilot vehicle	between 300m and 1000m in front of oversize vehicle
Outside built-up area (max. posted speed limit is in excess of 80km/h)	one escort or pilot vehicle	between 1000m and 1500m in front of oversize vehicle

Note: If the length is only excess dimension, the pilot or escort vehicle is to travel at a maximum distance of 300m behind the oversize vehicle.

Table 2 – Two pilot or escort vehicles

Location	Vehicle	Maximum Distance
Built-up area (single and dual carriageway)	one escort or pilot vehicle	300m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
Outside built-up area (max. posted speed limit is less or equal to 80km/h)	one escort or pilot vehicle	between 500m and 1000m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
Outside built-up area (max. posted speed limit is in excess of 80km/h)	one escort or pilot vehicle	between 1000m and 1500m in front of the oversize vehicle
	one escort or pilot vehicle	500m behind the oversize vehicle

Note: The lead escort vehicle driver must take up the position in front of the Oversize vehicle.

Table 3 – One pilot or escort vehicle and one police vehicle

Location	Vehicle	Maximum Distance
Built-up area	one escort or pilot vehicle	300m in front of the oversize vehicle
	one police vehicle	300m behind the oversize vehicle
Built-up area (dual carriageway)	one escort or pilot vehicle	300m in front of the oversize vehicle
	one police vehicle	300m behind the oversize vehicle
Outside built-up area (max. posted speed limit is less or equal to 80km/h)	one escort or pilot vehicle	between 500m and 1000m in front of the oversize vehicle
	one police vehicle	either 200m in front of the oversize vehicle or 300m behind the oversize vehicle
Outside built-up area (max. posted speed limit is in excess of 80km/h)	one escort or pilot vehicle	between 1000m and 1500m in front of the oversize vehicle
	one police vehicle	either 500m in front of the oversize vehicle or 200m behind the oversize vehicle

Table 4 – Three pilot or escort vehicles

Location	Vehicle	Maximum Distance
Built-up area (single and dual carriageway)	one escort or pilot vehicle	400m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one escort or pilot vehicle	200m in front of the oversize vehicle
Outside built-up area (max. posted speed limit is less or equal to 80km/h)	one escort or pilot vehicle	between 500m and 1000m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one escort or pilot vehicle	200m in front of the oversize vehicle
Outside built-up area (max. posted speed limit is in excess of 80km/h)	one escort or pilot vehicle	between 1000m and 1500m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one escort or pilot vehicle	500m in front of the oversize vehicle

Note: The lead escort vehicle driver must take up the position taken by the police vehicle in Table 5.

Table 5 – Two pilot or escort vehicles and one police vehicle

Location	Vehicle	Maximum Distance
Built-up area (single and dual carriageway)	one escort or pilot vehicle	200m in front of the police vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one police vehicle	200m in front of the oversize vehicle
Outside built-up area (max. posted speed limit is less or equal to 80km/h)	one escort or pilot vehicle	between 500m and 1000m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one police vehicle	200m in front of the oversize vehicle
Outside built-up area (max. posted speed limit is in excess of 80km/h)	one escort or pilot vehicle	between 1000m and 1500m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one police vehicle	500m in front of the oversize vehicle

Table 6 – Two pilot or escort vehicles and two police vehicles

Location	Vehicle	Maximum Distance
Built-up area (single and dual carriageway)	one escort or pilot vehicle	200m in front of the first police vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one police vehicle	100m in front of the oversize vehicle
	one police vehicle	either 200m behind the oversize vehicle or 300m in front of the oversize vehicle
Outside built-up area (max. posted speed limit is less or equal to 80km/h)	one escort or pilot vehicle	between 1000m and 1500m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one police vehicle	200m in front of the oversize vehicle
	one police vehicle	either 200m behind the oversize vehicle or 800m to 1200m in front of the oversize vehicle, but behind the leading escort or pilot vehicle
Outside built-up area (max. posted speed limit is in excess of 80km/h)	one escort or pilot vehicle	between 1500m and 2000m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one police vehicle	500m in front of the oversize vehicle
	one police vehicle	either 200m behind the oversize vehicle or 1300m to 1800m in front of the oversize vehicle, but behind the leading escort or pilot vehicle

Table 7 – Two pilot or escort vehicles and more than two police vehicles

(Specific number of police vehicles as per NHVR permit.)

Location	Vehicle	Maximum Distance
Built-up area (single and dual carriageway)	one escort or pilot vehicle	200m in front of the first police vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one police vehicle	100m in front of the oversize vehicle
	one police vehicle	300m in front of the oversize vehicle
	one police vehicle	200m behind the oversize vehicle
	other police vehicles	as considered appropriate
Outside built-up area (max. posted speed limit is less or equal to 80km/h)	one escort or pilot vehicle	between 1000m and 1500m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one police vehicle	200m in front of the oversize vehicle
	one police vehicle	vehicle between 800m to 1200m in front of the oversize vehicle, but behind the leading escort or pilot vehicle
	one police vehicle	200m behind the oversize vehicle
	other police vehicles	as considered appropriate

Outside built-up area (max. posted speed limit is in excess of 80km/h)	one escort or pilot vehicle	between 1500m and 2000m in front of the oversize vehicle
	one escort or pilot vehicle	300m behind the oversize vehicle
	one police vehicle	500m in front of the oversize vehicle
	one police vehicle	between 1300m to 1800m in front of the oversize vehicle, but behind the leading escort or pilot vehicle
	one police vehicle	200m behind the oversize vehicle
	other police vehicles	as considered appropriate

Table 8 – Convoy with three pilot or escort vehicles and one or more police vehicles

(as per NHVR permit.)

Location	Vehicle	Maximum Distance
Built-up area (single and dual carriageway)	one escort or pilot vehicle	200m in front of the first police vehicle
	one escort or pilot vehicle	300m behind the last oversize vehicle
	one escort or pilot vehicle	100m behind the first oversize vehicle and 100m in front of the second oversize vehicle
	one police vehicle	200m in front of the first oversize vehicle
	other police vehicles	either 300m in front of the first oversize vehicle, 200m behind the last oversize vehicle, or as considered appropriate
Outside built-up area (max. posted speed limit is less or equal to 80km/h)	one escort or pilot vehicle	between 1000m and 1500m in front of the first oversize vehicle
	one escort or pilot vehicle	300m behind the last oversize vehicle
	one escort or pilot vehicle	100m behind the first oversize vehicle and 100m in front of the second oversize vehicle
	one police vehicle	200m in front of the first oversize vehicle
	other police vehicles	either between 800m to 1200m in front of the first oversize vehicle, 200m behind the last oversize vehicle, or as considered appropriate
Outside built-up area (max. posted speed limit is in excess of 80km/h)	one escort or pilot vehicle	between 1500m and 2000m in front of the oversize vehicles
	one escort or pilot vehicle	800m behind the last oversize vehicle
	one escort or pilot vehicle	100m behind the first oversize vehicle and 100m in front of the second oversize vehicle
	one police vehicle	500m in front of the oversize first vehicle
	other police vehicles	either between 1300m to 1800m in front of the oversize vehicles, 200m behind the last oversize vehicle, or as considered appropriate

4. Pilot and escort vehicle drivers

4.1 Driver requirements

- 4.1.1 Accredited pilot and escort vehicle drivers must:
- (a) carry their industry authority card or interim industry authority document at all times and their pilot/escort movement record book (if applicable) when performing the role; and
 - (b) produce their industry authority card or interim industry authority document at the request of an employer, police officer or an authorised officer; and
 - (c) produce their industry authority card or interim industry authority to the driver of the oversize vehicle (with the Record Movement Book) and to other pilot/escort vehicle drivers before commencing the journey, to confirm their level of accreditation; and
 - (d) comply with any requirements for pilot/escort vehicle drivers specified under a Notice, Permit, guideline, the Access Conditions Guide and any other authorisation.
- 4.1.2 Pilot/escort vehicle drivers accompanying vehicles/combinations over 3.5m wide and/or over 25m in length should ensure they have ready access to the Critical Roads Network on Queensland Globe.
- 4.1.3 Pilot and escort vehicle drivers must ensure that the route nominated is trafficable for the oversize vehicle or combination.
- 4.1.4 A driver must not operate a vehicle as a pilot or escort vehicle unless:
- (a) that person is authorised to undertake the duties of pilot vehicle driver or escort vehicle driver; or
 - (b) in the case of an escort vehicle, the person must be accredited to level 2; or
 - (c) that person is approved to carry out pilot/escort duties under the mutual recognition provisions of this guideline.
- 4.1.5 The driver of any pilot or escort vehicle cannot disobey any traffic regulation or authorise anyone else to disobey any traffic regulation, unless specifically covered under section 311 of *Transport Operations (Road Use Management-Road Rules) Regulation 2009* legislation.
- 4.1.6 An accredited level 1 pilot or level 2 escort driver must not accompany an oversize vehicle or combination except where:
- (a) if the oversize vehicle is a heavy vehicle, the pilot or escort operation complies with the provisions of the HVNL (including requirements under Schedule 8 of the HV(MDL)NR) and the requirements of this Guideline including the recommended positions and distances for pilot and escort vehicles specified in Part 2, Section 3; and
 - (b) the oversize vehicle or combination is authorised to move by virtue of a relevant Notice, Permit, guideline or other authorisation; and
 - (c) the requirements of the Notice, Permit, Guideline and other authorisation are met (including any travel time and/or location restrictions); and
 - (d) if the operation is under any other lawful authority, the conditions of that authority is met.

Note: To satisfy conditions under 4.1.6, an accredited level 1 pilot or level 2 escort driver must view the Notice, Permit, Guideline and other authorisations to ensure compliance with all conditions applicable to the movement of the vehicle or combination.

4.2 Communications

- 4.2.1 All persons involved in the operation of an oversize vehicle or combination and any other entity associated with the movement of the vehicle must ensure they have the appropriate equipment to maintain two-way radio communication between all pilots, escorts, police officers and the oversize vehicle at all times during the pilot or escort operation.
- 4.2.2 The driver of an oversize vehicle or combination must comply with any lawful direction or signal given by the pilot or escort vehicle driver, in relation to the movement of the oversize vehicle.

4.3 Damage caused by oversize vehicles

- 4.3.1 The driver of a pilot or escort vehicle accompanying an oversize vehicle or combination who is aware of any damage an oversize vehicle or combination has caused, must as soon as practical, notify the driver of the oversize vehicle or combination.
- 4.3.2 The driver of a pilot vehicle must report any damage caused by the oversize vehicle or combination to the driver of the lead pilot or escort vehicle.
- 4.3.3 The driver of the lead pilot or escort vehicle accompanying an oversize vehicle or combination who is aware of any damage to property owned by a Local Government and/or TMR, incurred during the movement of the oversize agricultural vehicle or combination, must report the damage to the nearest TMR office after the completion of the trip.
- 4.3.4 The driver of the lead pilot or escort vehicle accompanying an oversize vehicle or combination who is aware of any damage to property owned by any other entity must report the damage to the appropriate authority as soon as possible. If the damage could cause a dangerous situation, it must be reported immediately.

4.4 Record of movement

- 4.4.1 This section does not apply in relation to a journey undertaken as a pilot or escort for a vehicle for which a NHVR permit has been obtained and a police officer is in attendance for the entire route or movement.
- 4.4.2 A movement record must be completed for any journey or part of a journey if no Police are present for the entire movement.
- 4.4.3 Where more than one pilot or escort must accompany the oversize vehicle or combination, the lead pilot or escort vehicle driver at the commencement of the journey is required to complete the movement record.
- 4.4.4 Accredited level 1 pilot and escort vehicle drivers should complete a record of movement for each journey undertaken as records may assist in updating accreditation.

Note: Pilot/escort movement record books are available from most [Department of Transport and Main Roads customer service centres](#) or authorised [Queensland Government Agency Program Offices](#).

- 4.4.5 Before escorting an oversize vehicle or combination on a journey, the lead pilot or escort vehicle driver must give a copy of the record of movement to the driver of the oversize vehicle or combination.

- 4.4.6 Once issued, the record of movement allows the movement of the oversize vehicle or combination providing the pilot or escort operation is carried out in accordance with the requirements of this guideline at all times.
- 4.4.7 The pilot or escort vehicle driver who completed the record of movement must keep a copy of the record in the escort vehicle during the time the oversize vehicle or combination is being escorted. The copy of the record must be produced when requested by a police officer or an authorised officer.

4.5 No travel in low visibility

- 4.5.1 A pilot or escort vehicle driver must not accompany an oversize vehicle or combination, if due to circumstances such as fog, heavy rain, smoke, dust, or insect plague:
 - (a) visibility is less than 250m in the daytime; or
 - (b) the headlights of a vehicle approaching within 250m could not be seen at night-time; or
 - (c) visibility is sufficiently restricted that the safety of the pilot or escort operation, or other road users may be comprised.
- 4.5.2 If an oversize vehicle or combination is being escorted by a pilot or escort vehicle, the pilot or escort vehicle driver must direct the driver of the oversize vehicle or combination to drive to the nearest safe parking area until visibility improves.

4.6 Interstate pilot and escort drivers – mutual recognition

- 4.6.1 Pilot and escort vehicle drivers who are registered or licensed or certified or accredited in another state or territory may operate under this guideline under the following conditions:
 - (a) activities are restricted to the level of authority for which they are permitted to operate in their state or territory; and
 - (b) they hold and have held for a total of at least 3 years during the 5 years before the day of entry into Queensland, a provisional or open licence to drive a motor vehicle; and
 - (c) operations are conducted in accordance with the terms and conditions contained in this guideline; and
 - (d) the driver can provide evidence of achieved competency (including the ability to perform traffic control duties if a level 2 escort driver) if requested to do so by an authorised officer.
- 4.6.2 Pilot drivers who do not have accreditation in Queensland and reside in any jurisdiction that does not have formal accreditation are permitted to carry out pilot operations (up to level 1 pilot vehicle driver) in Queensland provided:
 - (a) The journey has commenced outside of Queensland; and
 - (b) they hold and have held for a total of at least 3 years during the 5 years before the day of entry into Queensland, a provisional or open licence to drive a motor vehicle; and
 - (c) they currently reside in the state or territory in which the drivers licence was issued; and

- (d) they can provide evidence that they normally carry out pilot or escort operations as a means of earning a livelihood in their state or territory; and
- (e) only permitted to pilot a load going out of Queensland with the same transport company for which they piloted a load into Queensland.

5. Traffic control recommendations

These recommendations are for escort vehicle drivers (level 2 accredited) other than police officers.

5.1 Hand gestures from moving escort vehicle (accredited escort vehicle driver only)

The powers of an accredited escort driver are restricted under Part 2 of the *Transport Operations (Road Use Management — Accreditation and Other Provisions) Regulation 2015* to the following:

5.1.1 An escort driver must only use gestures when:

- (a) the escort vehicle is in motion; and
- (b) no other vehicle is passing, overtaking or within 50m of the escort vehicle; and
- (c) the driver of the escort vehicle can maintain full control over the vehicle at all times; and
- (d) in the hours of darkness an illuminated wand showing an amber or orange light is used; and
- (e) road conditions are suitable, e.g. no loose or slippery road surfaces, corners, corrugations, or adverse weather conditions are likely to cause a risk; and
- (f) the gesture is clearly displayed and as required; and
- (g) the driver displays a gesture as outlined within Part 2, subsection 5.1.2.

5.1.2 An escort vehicle driver may only display the following gestures when they are of the opinion that the driver of an approaching vehicle does not appear to be slowing to a speed appropriate for the prevailing conditions, moving from the centre line, providing a clear passage or giving way to the excess dimensional vehicle:

- (a) a hand gesture, without a sign as indicated in Part 2, section 5.6 of this guideline 'Directing Traffic to Proceed', to move traffic; and
- (b) a hand gesture, without a sign as indicated in Part 2, section 5.7 of this guideline 'Warning Traffic to Slow Down', to slow traffic; and
- (c) a hand gesture with the arm horizontal to the road surface and point the hand towards the off-side edge of the roadway.

5.1.3 The gesture itself is not considered a signal and can only be used in conjunction with the conditions imposed by the requirements contained within this document for an escort vehicle driver.

5.2 Duties of escort vehicle driver performing traffic control

- 5.2.1 An escort vehicle driver performing traffic control is limited to using hand signals in conjunction with a bat/banner to direct driver, riders and pedestrians.
- 5.2.2 An escort vehicle driver is permitted to perform traffic control duties only when accompanying an oversize vehicle or combination.

5.3 Position of escort vehicle driver during traffic control

- 5.3.1 When performing traffic control, an escort vehicle driver should be standing in a position:
 - (a) facing the traffic; and
 - (b) just outside the travelled path; and
 - (c) so that oncoming traffic approximately 150m away, can see the controller; and
 - (d) that will not obstruct road user's view of other signs and devices or be him/herself obscured by them; and
 - (e) so that a clear escape path is available.
- 5.3.2 An escort vehicle driver should be standing a distance of at least 100m in front of the oversize vehicle or combination at the point where the oversize vehicle clears the obstacle.
- 5.3.3 An escort vehicle driver should be standing a distance of at least 100m behind the escort vehicle.
- 5.3.4 Despite Part 2 subsections 5.3.2 and 5.3.3, an escort vehicle driver is permitted to stand in a position closer to the escort vehicle and or the oversize vehicle or combination, in urban areas, low speed limits or in special circumstances when in the opinion of the level 2 escort vehicle driver, a lesser distance is more appropriate. The escort vehicle driver must ensure the safety of other road users when controlling traffic from a position which does not comply with Part 2 subsections 5.3.2 and 5.3.3.
- 5.3.5 An escort vehicle driver should hold the bat at an angle of 90 degrees to the road.
- 5.3.6 During the hours of darkness, the operations area should be illuminated. Such illumination shall be placed so as to not shine into the eyes of approaching drivers.

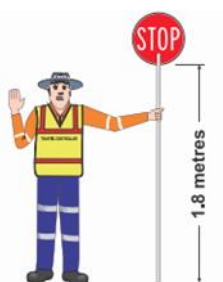
5.4 Position of an escort vehicle during traffic control

- 5.4.1 When performing traffic control, an escort vehicle driver should place the escort vehicle:
 - (a) facing the traffic; and
 - (b) just outside the travelled path. In special circumstances, the escort vehicle may be placed in another position, where the escort vehicle driver considers it is safe for other road users; and
 - (c) so that the vehicle is able to be seen approximately 150m away from all directions; and
 - (d) so that it will not obstruct any other road user's view of other signs and devices.

- 5.4.2 An escort vehicle should be placed at a distance of approximately 200m in front of the oversize vehicle or combination at the point where the oversize vehicle clears the obstacle.
- 5.4.3 Despite of Part 2 subsection 5.4.2, an escort vehicle driver is permitted to place the escort vehicle in a position closer to the oversize vehicle or combination in urban areas, low speed limits or in special circumstances when, in the opinion of the escort vehicle driver, a lesser distance is more appropriate.
- 5.4.4 An escort vehicle driver must ensure the safety of other road users when placing the escort vehicle in a position which does not comply with Part 2 subsection 5.4.2.

5.5 Warning traffic to stop

- 5.5.1 Wait for a suitable break in traffic before stopping the traffic.
- 5.5.2 Hold the bat with 'STOP' facing the oncoming traffic.
- 5.5.3 Raise the free hand into the stop signal position with the palm towards the traffic.
- 5.5.4 Once traffic has stopped, a traffic controller should change position, if necessary, to be clearly visible to further traffic.
- 5.5.5 A level 2 escort vehicle driver should stand clear of the traffic before allowing it to proceed.



5.6 Directing traffic to proceed

- 5.6.1 When signalling traffic to proceed, turn the bat to show 'SLOW' facing the oncoming traffic.
- 5.6.2 Signal with the free hand, using a sweeping motion in the direction the traffic is to move.
- 5.6.3 Do not wave the sign to signal traffic to proceed.



5.7 Warning traffic to slow down

- 5.7.1 Hold the bat with 'SLOW' facing the oncoming traffic.
- 5.7.2 Signal with the free hand in an up and down motion to slow down.
- 5.7.3 Do not wave the sign to signal traffic to slow down.



5.8 Clothing requirements for traffic controllers

- 5.8.1 Pilot and escort vehicle driver's clothing must be neat and clean, so it is easily visible in all conditions (day and night).
- 5.8.2 A vest must be worn by a level 2 escort vehicle driver performing traffic control duties.
- 5.8.3 The vest shall be worn as an outer garment and shall not be covered by any other garment or article.
- 5.8.4 A vest must be constructed of the following material and design:
- (a) a vest must be fluorescent lime/yellow. The word 'PILOT', in minimum 80mm high upper-case lettering, must be centrally placed across the full width of the front and back, on retro-reflective material that is fluorescent red or orange colour during daytime and white in colour when exposed to artificial light; and
 - (b) the word 'PILOT' must be placed in the lime/yellow section of the garment; and
 - (c) a 100mm wide strip of the red/orange retro-reflective material shall be located around the base (hip area) of the vest with a 50mm wide strip located around the high chest area of the vest, which is to be edged with a 10mm strip of silver/white retro-reflective binding; and
 - (d) the vest colours, fabric fluorescence, and retro-reflectivity are to meet the requirements of AS 1906.4 - *Retroreflective Materials and Devices for Road Traffic Control Purposes, Part 4: High-visibility materials for safety garments*.
- 5.8.5 Head protection if worn by a level 2 escort vehicle driver performing traffic control duties must have one of the following types of head protection:
- (a) a hat or cap that is either of a fluorescent red/orange colour with either a stiff brim at least 80mm wide and or a legionnaire type neck flap made of fluorescent fabric; or
 - (b) a highly visible safety helmet or cap complying with AS 1800 – *Occupational protective helmets – Selection, care and use*, with the option of an attached brim at least 80mm wide, and or a legionnaire type neck flap made of fluorescent fabric.
- 5.8.6 Pilot and escort vehicle driver's clothing must be neat, clean, and highly visible.

5.9 Traffic control signals and equipment

- 5.9.1 A traffic control sign or bat shall consist of either:
- (a) STOP or SLOW bat, with a STOP banner in white reflectorised letters and border on a red reflectorized background on one side, and a SLOW banner in black letters and border on a yellow background on the other side; or

- (b) STOP or STOP bat, with a STOP banner in white reflectorised letters and border on a red reflectorised background on both sides (may be used for short length jobs where drivers may be confused if they can read a STOP sign and a SLOW sign at the same time during traffic control operations); or
 - (c) SLOW or SLOW bat, with a SLOW banner in black letters and border on a yellow background on both sides. (May be used to slow traffic approaching from both directions at the same time; during restricted two-way operations.)
- 5.9.2 A traffic controller sign or bat must be 450mm diameter or 600mm diameter and suitable for daytime use and for use during hours of darkness.
- 5.9.3 Reflectorised materials used for a traffic control sign or bat shall:
- (a) comply with AS 1906.1 – *Retro-reflective Materials and Devices for Road Traffic Control Purposes Part 1: Retroreflective Materials*; and
 - (b) meet or exceed the abovementioned standard; and
 - (c) only be covered by any clear protective overlay film, provided the retroreflective properties of the base material are not reduced by more than 10 percent and the film shall not reflect light that will detract from the light reflected from the base material.