

Task Force on Vehicle Weights and Dimensions Policy

Internal Trade and Movement of Oversize and/or Overweight Loads

Draft Proposals for Minimum National Standards

- 1. Signage, Lighting and Flags for Oversized Vehicles**
- 2. Escort Vehicles: Vehicle Specification, Signage and Lighting**
- 3. Escort Vehicles: Driver Qualifications**



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1. Signage, Lighting and Flags for Oversized Vehicles

D – Sign

Dimensions	Over dimensional Vehicle – Min 30 cm high by Min 245 cm wide  245 cm (min) ■ - Red □ - White
Colour	White level II reflectance and stop sign red
Material	Level 1, high intensity retro-reflective material (CGSB 62-GP-11M)
Position	Mounted on a rigid surface in a clearly visible position from the rear and front of the overdimensional vehicle or load; visible for a distance of at least 150 metres.

Lighting:

360° Amber Warning Light¹	
a. Visibility	Minimum 300 m in all directions
b. Flashing Rate	60 to 90 flashes per minute
c. Mounting height from roadway	Minimum 1.5 m
Solid Amber Light²	
a. Visibility	Minimum 150 metres from the front of the vehicle
b. Mounting Position	At extremity of the vehicle or load (width or length)
Solid Red Light	
a. Application	For nighttime travel <u>only</u> on loads which overhang the rear of the vehicle by 1.5 m or greater
b. Visibility	Minimum 150 metres from the rear of the vehicle
c. Mounting Position	At extremity of the overhanging load (width or length)

Flags:

Square Flags	
Color	Red fluorescent or orange fluorescent
Dimensions	Minimum 40 cm on each side
Mounting	Fastened by two consecutive corners
Material	Fabric or flexible plastic
Visibility	The flag(s) must be kept in good and clean condition.
Position - Over width Vehicle:	At each corner of the load, and where applicable, at each corner of a protrusion
Rear Overhang:	At the rearmost point of the vehicle or load.
Front Projection:	At the foremost point of the load.

¹ All 360° warning lamp(s) shall conform to SAE J845 or SAE J1318 of class 1 or 2 standard

² Solid amber lamp(s) shall conform to SAE Code P2 or P3 with markings to appear on lamp(s).

2. Escort Vehicles: Vehicle Specification, Signage and Lighting

Vehicle Specifications

Vehicle	Must be large enough and have sufficient load carrying capacity to carry the required equipment and signage and lighting (e.g. Full-size pickup truck)
	No. of axles - Max 2
	Wheelbase - Minimum 2.65 m

Radio Communications

Radio Communications	The escort vehicle(s) and towing vehicle(s) shall be equipped with a working two-way radio communication device permitting direct communication between the vehicles.
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Safety Equipment and Warning Signals

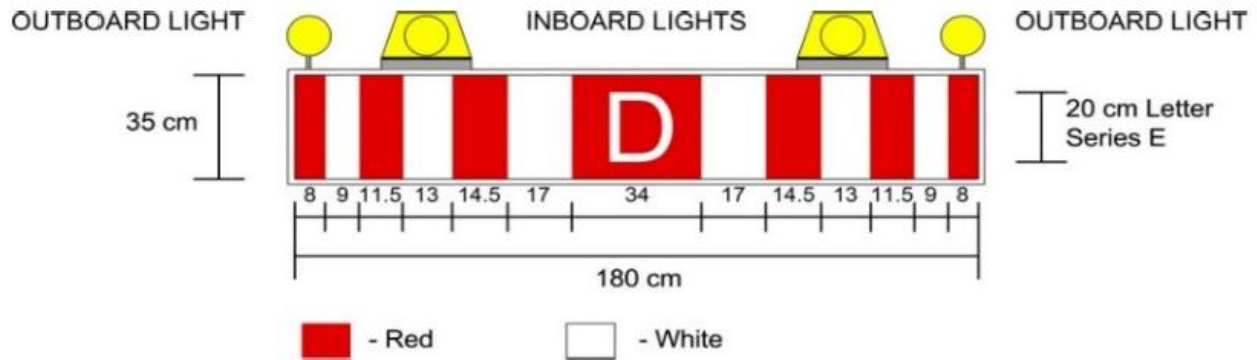
Safety Equipment & Warning Signals	• A fire extinguisher in effective working order • Six 45 cm traffic cones and/or portable reflectors (triangular shape), • Flare and portable lanterns visible up to a distance of 300 meters • Reflective safety vest • Stop/slow paddle • Extra light bulbs as normally required for commercial vehicles
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Escort Vehicle – Signage and Lighting: (Option 1)

D-Sign	 • Mounted on a rigid surface and clearly visible for a distance of at least 150 metres from the front and rear of the escort vehicle. • White level II reflectance and stop sign red • The sign shall be removed or covered when not in use.
Lighting	• Two amber inboard rotating or flashing amber lights that are at least 200 mm in diameter and visible on a 360-degree basis from the vehicle (SAE J845 or J1318 Class 1 or 2) • All required lamps must be kept in good working order • The lenses must be kept in good and clean condition, free from the accumulation of dirt, snow or pit markings.

Draft Proposals for Discussion

Escort Vehicle – Signage and Lighting: (Option 2): Lighted Sign Box with Integrated D-Sign



Design	It has 2 positions: upright when in use and folded flat on the carrier when not in use.
Box	The box is designed to be mounted on a vehicle top, carriers or an equivalent surface and must: • have two positions: (i) upright, displaying the symbol or sign when escorting a load; and (ii) folded flat, when not escorting a load be constructed of durable material suitable for use of the sign in all weather and highway conditions. • be 180 cm by 35 cm in dimension • be self-illuminated to provide uniform lighting of the sign message to ensure the sign is visible from a distance of 300 metres under clear conditions at night • shelter all wire connectors, switches and flashers • protect and seal its interior from the elements
Sign	Must be at least 3 mm thick with a white plexiglass background with red bars painted with transparent red paint. The letter “D” must be white in colour and 20 cm high, Series E
Outboard Lights	Must have two 175 mm flashing amber outboard lights (SAE J595).
Inboard Lights	Must have two amber inboard rotating or flashing amber lights that are at least 200 mm in diameter and visible on a 360-degree basis from the vehicle (SAE J845 or J1318 Class 1 or 2).

3. Escort Vehicle: Driver Qualifications

Driver Qualifications

Must be operated by a person at least 18 years of age with at least two years' experience and in possession of a full (unrestricted) driver's license.