

State code 1: Development in a state-controlled road environment

State Development Assessment Provisions guideline - State Code 1: Development in a state-controlled road environment. This guideline provides direction on how to address State Code 1.

Table 1.1 Development in general

Performance outcomes	Acceptable outcomes	Response
Buildings, structures, infrastructure, services and utilities		
PO1 The location of the development does not create a safety hazard for users of the state-controlled road .	AO1.1 Development is not located in a state-controlled road . AND AO1.2 Development can be maintained without requiring access to a state-controlled road .	Complies with AO1.1 No development is proposed within the state-controlled road. Complies with AO1.2 The proposed shop is setback from the state controlled road and as such, can be maintained without disruption to the state controlled road.
PO2 The design and construction of the development does not adversely impact the structural integrity or physical condition of the state-controlled road or road transport infrastructure .	No acceptable outcome is prescribed.	Complies with PO2 The shop is proposed within an existing building with a small extension and drive-through facility proposed. The proposed shot is substantially setback from the state-controlled road. The design and construction of the development does not adversely impact the structural integrity or physical conditions of the state-controlled road.
PO3 The location of the development does not obstruct road transport infrastructure or adversely impact the operating performance of the state-controlled road .	No acceptable outcome is prescribed.	Complies with PO3 The proposed shop is within an existing building and will not obstruct road transport infrastructure or adversely impact the operating performance of the

Performance outcomes	Acceptable outcomes	Response
		state-controlled road. The proposed shop is substantially setback from the road frontage.
PO4 The location, placement, design and operation of advertising devices, visible from the state-controlled road , do not create a safety hazard for users of the state-controlled road .	No acceptable outcome is prescribed.	Not Applicable with PO4 The proposal does not include any advertising devices.
PO5 The design and construction of buildings and structures does not create a safety hazard by distracting users of the state-controlled road .	AO5.1 Facades of buildings and structures fronting the state-controlled road are made of non-reflective materials. AND AO5.2 Facades of buildings and structures do not direct or reflect point light sources into the face of oncoming traffic on the state-controlled road. AND AO5.3 External lighting of buildings and structures is not directed into the face of oncoming traffic on the state-controlled road. AND AO5.4 External lighting of buildings and structures does not involve flashing or laser lights.	Complies with AO5.1 The façade of the building is constructed of non-reflective materials. Complies with AO5.2 The façade of the building does not direct or reflect point light sources into the face of oncoming traffic on the state-controlled road. Complies with AO5.3 External lighting will not be directed into the face of oncoming traffic on the state-controlled road. Complies with AO5.4 External lighting will not involve flashing or laser lights.
PO6 Road, pedestrian and bikeway bridges over a state-controlled road are designed and constructed to prevent projectiles from being thrown onto the state-controlled road .	AO6.1 Road, pedestrian and bikeway bridges over the state-controlled road include throw protection screens in accordance with section 4.11 of the Design Criteria for Bridges and	Not Applicable with AO6.1 Road, pedestrian and bikeway bridges are not proposed.

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Performance outcomes	Acceptable outcomes	Response
	Other Structures Manual, Department of Transport and Main Roads, 2020.	
Landscaping		
PO7 The location of landscaping does not create a safety hazard for users of the state-controlled road .	AO7.1 Landscaping is not located in a state-controlled road. AND AO7.2 Landscaping can be maintained without requiring access to a state-controlled road. AND AO7.3 Landscaping does not block or obscure the sight lines for vehicular access to a state-controlled road.	Complies with AO7.1 No additional landscaping is proposed as part of this development. Complies with AO7.2 Landscaping is existing and maintained without obstructing the state-controlled road. Complies with AO7.3 Landscaping is existing and does not block or obscure the sight lines for vehicular access to the state-controlled road.
Stormwater and overland flow		
PO8 Stormwater run-off or overland flow from the development site does not create or exacerbate a safety hazard for users of the state-controlled road .	No acceptable outcome is prescribed.	Complies with PO8 As the proposed shop is within an existing building with a minor extension, there is only a small change to the impervious area. As such, the existing stormwater management will be unchanged and is suitable.
PO9 Stormwater run-off or overland flow from the development site does not result in a material worsening of the operating performance of the state-controlled road or road transport infrastructure .	No acceptable outcome is prescribed.	Complies with PO9 As the proposed shop is within an existing building with a minor extension, there is only a small change to the impervious area. As such, the existing stormwater management will be unchanged and is suitable.
PO10 Stormwater run-off or overland flow from the development site does not adversely impact the structural integrity or physical condition of the state-controlled road or road transport infrastructure .	No acceptable outcome is prescribed.	Complies with PO10 As the proposed shop is within an existing building with a minor extension, there is only a small change to the impervious area. As such, the existing stormwater management will be unchanged and is suitable.

Performance outcomes	Acceptable outcomes	Response
PO11 Development ensures that stormwater is lawfully discharged.	AO11.1 Development does not create any new points of discharge to a state-controlled road. AND AO11.2 Development does not concentrate flows to a state-controlled road. AND AO11.3 Stormwater run-off is discharged to a lawful point of discharge. AND AO11.4 Development does not worsen the condition of an existing lawful point of discharge to the state-controlled road.	Complies with AO11.1 As the proposed shop is within an existing building with a minor extension, there is only a small change to the impervious area. As such, the existing stormwater management will be unchanged and is suitable. There will be no new points of discharge to a state-controlled road as a result of the development. Complies with AO11.2 Existing stormwater management will be unchanged as a result of the development. Complies with AO11.3 The existing stormwater run-off will be unchanged as a result of this development. Complies with AO11.4 There will be no change to lawful point of discharge as a result of this development.
Flooding		
PO12 Development does not result in a material worsening of flooding impacts within a state-controlled road .	AO12.1 For all flood events up to 1% annual exceedance probability, development results in negligible impacts (within +/- 10mm) to existing flood levels within a state-controlled road. AND AO12.2 For all flood events up to 1% annual exceedance probability, development results in negligible impacts (up to a 10% increase) to existing peak velocities within a state-controlled road.	Not Applicable with AO12 The subject site is not flood affected.

Performance outcomes	Acceptable outcomes	Response
	AND AO12.3 For all flood events up to 1% annual exceedance probability, development results in negligible impacts (up to a 10% increase) to existing time of submergence of a state-controlled road.	
Drainage Infrastructure		
PO13 Drainage infrastructure does not create a safety hazard for users in the state-controlled road .	AO13.1 Drainage infrastructure is wholly contained within the development site, except at the lawful point of discharge. AND AO13.2 Drainage infrastructure can be maintained without requiring access to a state-controlled road.	Not Applicable with AO13.1 No new drainage infrastructure required as part of this development. Not Applicable with AO13.2
PO14 Drainage infrastructure associated with, or within, a state-controlled road is constructed, and designed to ensure the structural integrity and physical condition of existing drainage infrastructure and the surrounding drainage network.	No acceptable outcome is prescribed.	Not Applicable with PO14 No new drainage infrastructure is required as part of this development.

Table 1.2 Vehicular access, road layout and local roads

Performance outcomes	Acceptable outcomes	Response
Vehicular access to a state-controlled road or within 100 metres of a state-controlled road intersection		
PO15 The location, design and operation of a new or changed access to a state-controlled road does not compromise the safety of users of the state-controlled road .	No acceptable outcome is prescribed.	Complies with PO15 No physical changes to the existing access are proposed as part of this development. No additional car parking spaces are proposed as part of this development. The traffic generated by

Performance outcomes	Acceptable outcomes	Response
		the proposed shop is expected to be minimal. As such, the proposal does not compromise the safety of users of the state-controlled road.
PO16 The location, design and operation of a new or changed access does not adversely impact the functional requirements of the state-controlled road .	No acceptable outcome is prescribed.	Complies with PO16 No physical changes to the existing access are proposed as part of this development. No additional car parking spaces are proposed as part of this development. The traffic generated by the proposed shop is expected to be minimal. As such, the proposal does not adversely impact the functional requirements of the state-controlled road.
PO17 The location, design and operation of a new or changed access is consistent with the future intent of the state-controlled road .	No acceptable outcome is prescribed.	Complies with PO16 No physical changes to the existing access are proposed as part of this development. No additional car parking spaces are proposed as part of this development. The traffic generated by the proposed shop is expected to be minimal. As such, the proposal will have no impact on the future intent of the state-controlled road.
PO18 New or changed access is consistent with the access for the relevant limited access road policy : 1. LAR 1 where direct access is prohibited; or 2. LAR 2 where access may be permitted, subject to assessment.	No acceptable outcome is prescribed.	Not Applicable with PO18
PO19 New or changed access to a local road within 100 metres of an intersection with a state-controlled road does not compromise the safety of users of the state-controlled road .	No acceptable outcome is prescribed.	Not Applicable with PO19
PO20 New or changed access to a local road within 100 metres of an intersection with a state-controlled road does not adversely impact on the operating performance of the intersection.	No acceptable outcome is prescribed.	Not Applicable with PO20

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Performance outcomes	Acceptable outcomes	Response
Public passenger transport and active transport		
PO21 Development does not compromise the safety of users of public passenger transport infrastructure, public passenger services and active transport infrastructure .	No acceptable outcome is prescribed.	Not Applicable with PO21 The site is not within or near a public passenger transport facility.
PO22 Development maintains the ability for people to access public passenger transport infrastructure, public passenger services and active transport infrastructure .	No acceptable outcome is prescribed.	Not Applicable with PO22
PO23 Development does not adversely impact the operating performance of public passenger transport infrastructure, public passenger services and active transport infrastructure .	No acceptable outcome is prescribed.	Not Applicable with PO23
PO24 Development does not adversely impact the structural integrity or physical condition of public passenger transport infrastructure and active transport infrastructure .	No acceptable outcome is prescribed.	Not Applicable with PO24

Table 1.3 Network impacts

Performance outcomes	Acceptable outcomes	Response
PO25 Development does not compromise the safety of users of the state-controlled road network.	No acceptable outcome is prescribed.	Complies with PO25 No physical changes to the existing access are proposed as part of this development. No additional car parking spaces are proposed as part of this development. The traffic generated by the proposed shop is expected to be minimal. As such, the proposal does not compromise the safety of users of the state-controlled road.
PO26 Development ensures no net worsening of the operating performance of the state-controlled road network.	No acceptable outcome is prescribed.	Complies with PO26 No physical changes to the existing access are proposed as part of this development. No additional car parking spaces are proposed as part of this development. The traffic generated by

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Performance outcomes	Acceptable outcomes	Response
		the proposed shop is expected to be minimal. As such, the proposal does not result in a net worsening of the operating performance of the state-controlled road.
PO27 Traffic movements are not directed onto a state-controlled road where they can be accommodated on the local road network.	No acceptable outcome is prescribed.	Not Applicable with PO27 The site only has frontage and access to the state controlled road.
PO28 Development involving haulage exceeding 10,000 tonnes per year does not adversely impact the pavement of a state-controlled road .	No acceptable outcome is prescribed.	Not Applicable with PO28 The development does not involve haulage exceeding 10,000 tonnes per year.
PO29 Development does not impede delivery of planned upgrades of state-controlled roads .	No acceptable outcome is prescribed.	Complies with PO29 The proposed shop is within an existing building setback from the state controlled road. The proposal will not impact on any planned upgrades to state-controlled roads.
PO30 Development does not impede delivery of corridor improvements located entirely within the state-controlled road corridor .	No acceptable outcome is prescribed.	Complies with PO30 The proposed development is within an existing building setback from the state controlled road. The proposal will not impede the delivery of any corridor improvements within the state controlled road.

Table 1.4 Filling, excavation, building foundations and retaining structures

Performance outcomes	Acceptable outcomes	Response
PO31 Development does not create a safety hazard for users of the state-controlled road or road transport infrastructure .	No acceptable outcome is prescribed.	Not Applicable with PO31 As the proposed shop is within an existing building with a small extension and the shop will utilise the existing site access and car parking, no filling, excavation, new building foundations or retaining structures are proposed.
PO32 Development does not adversely impact the operating performance of the state-controlled road .	No acceptable outcome is prescribed.	Not Applicable with PO32

Performance outcomes	Acceptable outcomes	Response
PO33 Development does not undermine, damage or cause subsidence of a state-controlled road .	No acceptable outcome is prescribed.	Not Applicable with PO33
PO34 Development does not cause ground water disturbance in a state-controlled road .	No acceptable outcome is prescribed.	Not Applicable with PO34
PO35 Excavation, boring, piling, blasting and fill compaction do not adversely impact the physical condition or structural integrity of a state-controlled road or road transport infrastructure .	No acceptable outcome is prescribed.	Not Applicable with PO35
PO36 Filling and excavation associated with the construction of new or changed access do not compromise the operation or capacity of existing drainage infrastructure for a state-controlled road .	No acceptable outcome is prescribed.	Not Applicable with PO36

Table 1.5 Environmental emissions

Statutory note: Where a **state-controlled road** is co-located in the same transport corridor as a railway, the development should instead comply with Environmental emissions in State code 2: Development in a railway environment.

Performance outcomes	Acceptable outcomes	Response
Reconfiguring a lot		
Involving the creation of 5 or fewer new residential lots adjacent to a state-controlled road or type 1 multi-modal corridor		
PO37 Development minimises free field noise intrusion from a state-controlled road .	AO37.1 Development provides a noise barrier or earth mound which is designed, sited and constructed: - to achieve the maximum free field acoustic levels in reference table 2 (item 2.1); - in accordance with: - Chapter 7 integrated noise barrier design of the Transport Noise Management Code of Practice: Volume 1 (Road Traffic Noise), Department of Transport and Main Roads, 2013;	Not Applicable with AO37 The proposal does not include reconfiguring a lot.

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Performance outcomes	Acceptable outcomes	Response
	b. Technical Specification-MRTS15 Noise Fences, Transport and Main Roads, 2019; c. Technical Specification-MRTS04 General Earthworks, Transport and Main Roads, 2020. OR AO37.2 Development achieves the maximum free field acoustic levels in reference table 2 (item 2.1) by alternative noise attenuation measures where it is not practical to provide a noise barrier or earth mound. OR AO37.3 Development provides a solid gap-free fence or other solid gap-free structure along the full extent of the boundary closest to the state-controlled road.	
Involving the creation of 6 or more new residential lots adjacent to a state-controlled road or type 1 multi-modal corridor		
PO38 Reconfiguring a lot minimises free field noise intrusion from a state-controlled road .	AO38.1 Development provides noise barrier or earth mound which is designed, sited and constructed: 1. to achieve the maximum free field acoustic levels in reference table 2 (item 2.1); 2. in accordance with: a. Chapter 7 integrated noise barrier design of the Transport Noise Management Code of Practice: Volume 1 (Road Traffic Noise), Department of Transport and Main Roads, 2013;	Not Applicable with AO38

Performance outcomes	Acceptable outcomes	Response
	b. Technical Specification-MRTS15 Noise Fences, Transport and Main Roads, 2019; c. Technical Specification-MRTS04 General Earthworks, Transport and Main Roads, 2020. OR AO38.2 Development achieves the maximum free field acoustic levels in reference table 2 (item 2.1) by alternative noise attenuation measures where it is not practical to provide a noise barrier or earth mound.	
Material change of use (accommodation activity)		
Ground floor level requirements adjacent to a state-controlled road or type 1 multi-modal corridor		
PO39 Development minimises noise intrusion from a state-controlled road in private open space .	AO39.1 Development provides a noise barrier or earth mound which is designed, sited and constructed: 1. to achieve the maximum free field acoustic levels in reference table 2 (item 2.2) for private open space at the ground floor level; 2. in accordance with: a. Chapter 7 integrated noise barrier design of the Transport Noise Management Code of Practice: Volume 1 (Road Traffic Noise), Department of Transport and Main Roads, 2013; b. Technical Specification-MRTS15 Noise Fences, Transport and Main Roads, 2019;	Not Applicable with AO39 The proposal is not for an accommodation activity.

Performance outcomes	Acceptable outcomes	Response
	c. Technical Specification-MRTS04 General Earthworks, Transport and Main Roads, 2020. OR AO39.2 Development achieves the maximum free field acoustic level in reference table 2 (item 2.2) for private open space by alternative noise attenuation measures where it is not practical to provide a noise barrier or earth mound.	
PO40 Development (excluding a relevant residential building or relocated building) minimises noise intrusion from a state-controlled road in habitable rooms at the facade.	AO40.1 Development (excluding a relevant residential building or relocated building) provides a noise barrier or earth mound which is designed, sited and constructed: 1. to achieve the maximum building façade acoustic level in reference table 1 (item 1.1) for habitable rooms; 2. in accordance with: a. Chapter 7 integrated noise barrier design of the Transport Noise Management Code of Practice: Volume 1 (Road Traffic Noise), Department of Transport and Main Roads, 2013; b. Technical Specification-MRTS15 Noise Fences, Transport and Main Roads, 2019; c. Technical Specification-MRTS04 General Earthworks, Transport and Main Roads, 2020. OR	Not Applicable with AO40

Performance outcomes	Acceptable outcomes	Response
	AO40.2 Development (excluding a relevant residential building or relocated building) achieves the maximum building façade acoustic level in reference table 1 (item 1.1) for habitable rooms by alternative noise attenuation measures where it is not practical to provide a noise barrier or earth mound.	
PO41 Habitable rooms (excluding a relevant residential building or relocated building) are designed and constructed using materials to achieve the maximum internal acoustic level in reference table 3 (item 3.1).	No acceptable outcome is provided.	Not Applicable with PO41
Above ground floor level requirements (accommodation activity) adjacent to a state-controlled road or type 1 multi-modal corridor		
PO42 Balconies, podiums, and roof decks include: 1. a continuous solid gap-free structure or balustrade (excluding gaps required for drainage purposes to comply with the Building Code of Australia); 2. highly acoustically absorbent material treatment for the total area of the soffit above balconies, podiums, and roof decks.	No acceptable outcome is provided.	Not Applicable with PO42 The proposal is not for an accommodation activity.
PO43 Habitable rooms (excluding a relevant residential building or relocated building) are designed and constructed using materials to achieve the maximum internal acoustic level in reference table 3 (item 3.1).	No acceptable outcome is provided.	Not Applicable with PO43
Material change of use (other uses)		
Ground floor level requirements (childcare centre, educational establishment, hospital) adjacent to a state-controlled road or type 1 multi-modal corridor		
PO44 Development: 1. provides a noise barrier or earth mound that is designed, sited and constructed: a. to achieve the maximum free field acoustic level in reference table 2 (item	No acceptable outcome is provided.	Not Applicable with PO44 The proposal does not include a child care centre, educational establishment, or hospital.

Performance outcomes	Acceptable outcomes	Response
2.3) for all outdoor education areas and outdoor play areas; b. in accordance with: i. Chapter 7 integrated noise barrier design of the Transport Noise Management Code of Practice: Volume 1 (Road Traffic Noise), Department of Transport and Main Roads, 2013; ii. Technical Specification-MRTS15 Noise Fences, Transport and Main Roads, 2019; iii. Technical Specification-MRTS04 General Earthworks, Transport and Main Roads, 2020; or 2. achieves the maximum free field acoustic level in reference table 2 (item 2.3) for all outdoor education areas and outdoor play areas by alternative noise attenuation measures where it is not practical to provide a noise barrier or earth mound.		
PO45 Development involving a childcare centre or educational establishment: 1. provides a noise barrier or earth mound that is designed, sited and constructed: 2. to achieve the maximum building facade acoustic level in reference table 1 (item 1.2); 3. in accordance with: a. Chapter 7 integrated noise barrier design of the Transport Noise Management Code of Practice: Volume 1 (Road Traffic	No acceptable outcome is provided.	Not Applicable with PO45

Performance outcomes	Acceptable outcomes	Response
Noise), Department of Transport and Main Roads, 2013; b. Technical Specification-MRTS15 Noise Fences, Transport and Main Roads, 2019; c. Technical Specification-MRTS04 General Earthworks, Transport and Main Roads, 2020; or 4. achieves the maximum building facade acoustic level in reference table 1 (item 1.2) by alternative noise attenuation measures where it is not practical to provide a noise barrier or earth mound.		
PO46 Development involving: 1. indoor education areas and indoor play areas; or 2. sleeping rooms in a childcare centre; or 3. patient care areas in a hospital achieves the maximum internal acoustic level in reference table 3 (items 3.2-3.4).	No acceptable outcome is provided.	Not Applicable with PO46
Above ground floor level requirements (childcare centre, educational establishment, hospital) adjacent to a state-controlled road or type 1 multi-modal corridor		
PO47 Development involving a childcare centre or educational establishment which have balconies, podiums or elevated outdoor play areas predicted to exceed the maximum free field acoustic level in reference table 2 (item 2.3) due to noise from a state-controlled road are provided with: 1. a continuous solid gap-free structure or balustrade (excluding gaps required for drainage purposes to comply with the Building Code of Australia);	No acceptable outcome is provided.	Not Applicable with PO47 The proposal is not for a child care centre, educational establishment, or hospital.

Performance outcomes	Acceptable outcomes	Response
2. highly acoustically absorbent material treatment for the total area of the soffit above balconies or elevated outdoor play areas .		
PO48 Development including: 1. indoor education areas and indoor play areas in a childcare centre or educational establishment ; or 2. sleeping rooms in a childcare centre ; or 3. patient care areas in a hospital located above ground level, is designed and constructed to achieve the maximum internal acoustic level in reference table 3 (items 3.2-3.4).	No acceptable outcome is provided.	Not Applicable with PO48
Air, light and vibration		
PO49 Private open space, outdoor education areas and outdoor play areas are protected from air quality impacts from a state-controlled road .	AO49.1 Each dwelling or unit has access to a private open space which is shielded from a state-controlled road by a building, solid gap-free fence , or other solid gap-free structure . OR AO49.2 Each outdoor education area and outdoor play area is shielded from a state-controlled road by a building, solid gap-free fence , or other solid gap-free structure .	Not Applicable with AO49 The proposal does not include private open space, outdoor education areas, or outdoor play areas.

Performance outcomes	Acceptable outcomes	Response
PO50 Patient care areas within hospitals are protected from vibration impacts from a state-controlled road or type 1 multi-modal corridor .	AO50.1 Hospitals are designed and constructed to ensure vibration in the patient treatment area does not exceed a vibration dose value of $0.1\text{m/s}^{1.75}$. AND AO50.2 Hospitals are designed and constructed to ensure vibration in the ward of a patient care area does not exceed a vibration dose value of $0.4\text{m/s}^{1.75}$.	Not Applicable with AO50 The proposal does not include a hospital.
PO51 Development is designed and sited to ensure light from infrastructure within, and from users of, a state-controlled road or type 1 multi-modal corridor, does not: 1. intrude into buildings during night hours (10pm to 6am); 2. create unreasonable disturbance during evening hours (6pm to 10pm).	No acceptable outcomes are prescribed.	Complies with PO51 Lighting will be suitable.

Table 1.6: Development in a future state-controlled road environment

Performance outcomes	Acceptable outcomes	Response
PO52 Development does not impede delivery of a future state-controlled road .	AO52.1 Development is not located in a future state-controlled road. OR ALL OF THE FOLLOWING APPLY: AO52.2 Development does not involve filling and excavation of, or material changes to, a future state-controlled road.	Not Applicable with AO52 The subject site is not within a future state-controlled road environment.

Performance outcomes	Acceptable outcomes	Response
	AND AO52.3 The intensification of lots does not occur within a future state-controlled road. AND AO52.4 Development does not result in the landlocking of parcels once a future state-controlled road is delivered.	
PO53 The location and design of new or changed access does not create a safety hazard for users of a future state-controlled road .	AO53.1 Development does not include new or changed access to a future state-controlled road .	Not Applicable with AO53
PO54 Filling, excavation, building foundations and retaining structures do not undermine, damage or cause subsidence of a future state-controlled road .	No acceptable outcome is prescribed.	Not Applicable with AO54
PO55 Development does not result in a material worsening of stormwater, flooding, overland flow or drainage impacts in a future state-controlled road or road transport infrastructure .	No acceptable outcome is prescribed.	Not Applicable with AO55
PO56 Development ensures that stormwater is lawfully discharged.	AO56.1 Development does not create any new points of discharge to a future state-controlled road. AND AO56.2 Development does not concentrate flows to a future state-controlled road. AND	Not Applicable with AO56

Performance outcomes	Acceptable outcomes	Response
	AO56.3 Stormwater run-off is discharged to a lawful point of discharge. AND AO56.4 Development does not worsen the condition of an existing lawful point of discharge to the future state-controlled road.	