



Restricted Access Vehicle (RAV) Preliminary Assessment Checklist

Date: Road Name:

The Preliminary Assessment Checklist can be used to assist the road manager in collecting the necessary road data to identify any significant deficiencies that may render the road(s) unsuitable for the requested RAV access. For further information about the assessment criteria within this checklist, please refer to the *Standard Restricted Access Vehicle Route Assessment Guidelines* on the Access Requirement in WA page on our website.

Glossary of Technical Terms

- AADT:** Annual Average Daily Traffic is determined by the total yearly two-way traffic volume divided by 365, expressed as vehicles per day.
- VPD:** The number of vehicles observed passing a point on a road in both directions for 24 hours. (It is a measure of daily volume, often more relevant to low volume, Local Government roads, typically rural roads in these guidelines. 'vpd' can differ from AADT in being a better measure of traffic volume during periods of more intensive RAV usage or seasonal tourist traffic.)
- Carriageway Width:** That portion of road or structure devoted particularly to the use of vehicles that is between guide posts, kerbs or barriers where these are provided, inclusive of shoulders and auxiliary lanes.
- Rural Road:** All roads that provide a secondary network of National, State and Local Government roads connecting cities and towns.
- Urban and Townsite Road:** All roads within a populated area of established dwellings, a central place of trade and recognised as a distinct place. Generally the area will act as a central hub of activity for the community.
- Seal Width:** Width between edges of sealed surface or between edge lines (where installed on undivided carriageweighs), whichever is less.

What is the AADT? (Daily Traffic Volumes)

Is it on a School Bus Route? Yes No

Road Widths

Depending on the road you are required to assess the road is either a 'Rural Road' or 'Urban and Townsite Road'.

The road is a: Rural Road complete Table 1 Townsite Road complete Table 2

Table 1 - Rural Road Width:

Criteria	Road Section 1	Road Section 2	Road Section 3	Road Section 4	Road Section 5
Road Surface	<input type="radio"/> Sealed <input type="radio"/> Unsealed	<input type="radio"/> Sealed <input type="radio"/> Unsealed	<input type="radio"/> Sealed <input type="radio"/> Unsealed	<input type="radio"/> Sealed <input type="radio"/> Unsealed	<input type="radio"/> Sealed <input type="radio"/> Unsealed
Carriageway Width (m)					
Sealed Width (m)					
Length (m)					
Posted Speed Limit (km/h)					
SLK					
Sight Distance always over 250m	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

Table 2 - Townsite Road Width:

Please tick most appropriate					
<input type="checkbox"/>		Undivided Carriageway 1 way	<input type="checkbox"/>		Undivided Carriageway 2 way
<input type="checkbox"/>		Undivided Carriageway 2 lanes each way	<input type="checkbox"/>		Divided Carriageway Single Lane
<input type="checkbox"/>		Divided Carriageway 2 lanes each way	<input type="checkbox"/>		Divided Carriageway 3 lanes each way
Please answer the following					
What is the posted speed limit on the road (km/h) ?					
What is the carriageway width (m) ? (width measurement should be taken from the edge of the seal to the road centre or edge of the median/traffic island)					
What is the shoulder width (m) ? (if applicable)					
Question				Comments	
Is there designated cycle lanes ?			<input type="radio"/> Yes <input type="radio"/> No		
Is there Parallel Parking ?			<input type="radio"/> Yes <input type="radio"/> No		
If Yes are there designated parking bays ?			<input type="radio"/> Yes <input type="radio"/> No		
Is there regular Angle Parking ?			<input type="radio"/> Yes <input type="radio"/> No		
If Yes are there designated parking bays ?			<input type="radio"/> Yes <input type="radio"/> No		

Grades

Have any gradients been identified ? Yes If Yes complete Table 3 No

Table 3 - Grades (ONLY list grades 3% or above for unsealed roads, 5% or above for sealed roads)

Criteria	Grade 1	Grade 2	Grade 3	Grade 4
Road Surface	<input type="radio"/> Sealed	<input type="radio"/> Sealed	<input type="radio"/> Sealed	<input type="radio"/> Sealed
	<input type="radio"/> Unsealed	<input type="radio"/> Unsealed	<input type="radio"/> Unsealed	<input type="radio"/> Unsealed
Grade (%)				
Length (m)				
SLK				

Sight Distance

Is the sight distance acceptable for the Restricted Access Vehicle category being assessed? Yes No

Is there anything restricting sight distance? (e.g. trees, shrubs, parking bays/rest areas) Yes No

If Yes: Can anything be done to increase sight distance? If Yes, please specify in the comment section below Yes No

Table 5 - Intersection Sight Distance

Name of Intersecting Road (not the road being assessed)	AADT of intersecting Road	Sight Distance 1 (m)	Specify direction taken (e.g. north east = NE)	Sight Distance 2 (m)	Specify direction taken (e.g. north east = NE)	Are photo's attached?
						<input type="radio"/> Yes <input type="radio"/> No
						<input type="radio"/> Yes <input type="radio"/> No
						<input type="radio"/> Yes <input type="radio"/> No
						<input type="radio"/> Yes <input type="radio"/> No

Railway Crossing

Have any railway crossings been identified? Yes If Yes complete Table 4 No

Table 4 - Railway Crossings

Please tick most appropriate		
What is the main use for the railway?	<input type="radio"/> Freight	<input type="radio"/> Passenger <input type="radio"/> Other
What is the railway crossing protected by?	<input type="radio"/> Give Way Sign <input type="radio"/> Flashing Lights with Boom	<input type="radio"/> Stop Sign <input type="radio"/> Advance warning flashing amber lights <input type="radio"/> Flashing Lights <input type="radio"/> No Protection
Please answer the following		
What is the angle between the railway line and the road (degrees)? (Only applicable for crossings not protected by boom gates)		
Sight Distances (Only applicable for crossings not protected by boom gates)		
Direction of Travel (e.g. South-West)	Sight Distance LHS (m)	Sight Distance RHS (m)
Stacking Distances		
If the railway crossing is near to an intersection/T-junction, please specify stacking distance measurements		
	Approach Stacking Distance (m) and/or Departure Stacking Distance (m)	

Comments:

To prevent any assessment delays, please attach any current traffic counts along with relevant roman data for newly constructed roads.

I		On behalf of	
	endorse the above decisions, subject to Main Roads final approval.		
Signature		Date	

Email completed form to: hvsrouteassessments@mainroads.wa.gov.au
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OFFICE USE ONLY	Application TRIM Reference	
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