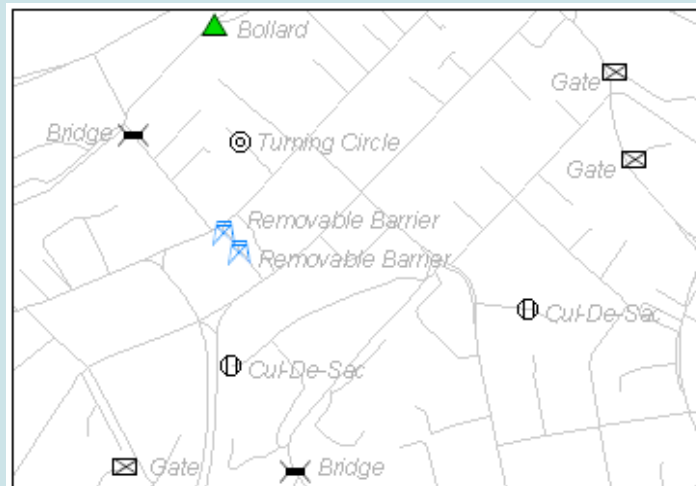


Transport Nodes

Dataset



June 2009

Transport Nodes

Transport nodes should always be used in conjunction with the **Transport segments**. **Transport nodes** can be defined as a point that represents one or more of the following features:

- The end of the road
- A junction of two or more road segments
- A grade separated intersection
- A place where the value of an attribute changes
- A small roundabout
- A barrier
- A bridge or tunnel, the length of which is less than 25 metres.

The **Transport nodes** are comprised by the following transport node features:

<u><i>Tnode_feat.</i></u>	<u><i>Description</i></u>
<i>Unknown Barrier</i>	A node which represent an undefined node feature.
<i>Normal Node</i>	A node which is not associated with any particular feature. A normal node usually occurs at intersections, where attributes change, or at the end of a line.
<i>Bridge</i>	A node representing a bridge under 25m in length. A bridge is an elevated construction.
<i>Cul-de-sac</i>	A road ending in a characteristic round or hammerhead shape normally sealed and curbed and guttered with supporting cad design.
<i>Roundabout</i>	Intersections of many Transport segments that form a roundabout of less than 25m in diameter.
<i>Mountable Roundabout</i>	Intersections of many Transport segments that form a mountable roundabout of less than 25m in diameter. A roundabout that a vehicle can drive over if required.
<i>Turning Circle</i>	Turning circles are unconstructed widened areas usually on private land, less than 25m in diameter.
<i>Bus Stop</i>	Signed stops for bus operator to pick up and drop off passengers.
<i>Tunnel</i>	A tunnel will be under ground, under a bridge or built structure and less than 25 metres in length.
<i>Railway Station</i>	Indicates a station on the railway.
<i>Opening Bridge</i>	A bridge under 25m which can be opened for (generally) water traffic.
<i>Bridge/Tunnel</i>	Represents a coincidental occurrence of a bridge and tunnel both under 25m.
<i>Weighbridge</i>	A facility for the weighing of vehicles including loads.

<i>Gate</i>	A gated opening in a fence.
<i>Boom Gate</i>	A substantial gate that would withstand major force. Generally typified by a substantial horizontal bar extending across the road from a singular mounting or pivot point.
<i>Traffic Lights or Signalled Pedestrian Crossing</i>	Where traffic is controlled by traffic lights. Traffic lights can be either at intersections or signalled pedestrian crossings.
<i>Signalled Level Crossing</i>	A crossing of a road and a railway with signals controlling the road traffic.
<i>Non-Signalled Level Crossing</i>	A road crossing a railway without signals
<i>Signalled Level Crossing and Barrier</i>	A crossing of a road and a railway with signals and barriers controlling the road traffic.
<i>Railway Signals</i>	Signal on the railway to manage rail movements.
<i>Ford</i>	A shallow place, constructed or not, in a body of water such as a watercourse, where road traffic crossings can be made.
<i>Immovable Barrier</i>	A permanent barrier stopping traffic flow.
<i>Removable Barrier</i>	A barrier stopping traffic flow that is designed to be removed when required.
<i>Fence Barrier</i>	A fence crossing a feature without a gate or opening.
<i>Bollard</i>	A post (usually metal) permanent or removable, secured to the Ground, that prohibits traffic flow.

Transport Layer (Transport Nodes) - Data Structure

This dataset is available in a number of formats to suit most GIS / Desktop Mapping platforms. Datum is GDA94. The following attributes are normally supplied although further attributes are available and may be supplied upon request:

Field	Type	Description
Tranode_id	Integer (32)	The unique database identifier for each transport node
Tnode_feat	Character (60)	The type of feature represented by a Transport Node. Transport nodes will only exist where there is an intersection of transport segments, a node feature to be recorded, a change in segment attributes or the end of a line.
Barrier_ty	Character (60)	Description of the Barrier. Eg Gate, Boom gate or Bollard
Bridge_ty	Character (60)	The primary reason for its construction. Eg Railway, Stock or Underpass
Bridge_nam	Character (60)	The unique identifier in the State's Nomenclature Register for a named bridge represented by an instance.
Tunnel_ty	Character (60)	The primary reason for its construction. Eg Railway or Pedestrian.
Tunnel_nam	Character (60)	The unique identifier in the State's Nomenclature Register for a named tunnel represented by an instance.
Carrier_na	Character (60)	The unique identifier in the State's Nomenclature Register for the feature carried by the bridge. Eg Where two roads are crossing, it indicates the road the bridge is on.
Status	Character (60)	Whether feature is in construction, closed or open. This will only apply to bridge features
Traff_dir	Character (60)	Whether or not traffic may travel in both directions on bridge or tunnel
Junc_move	Character (60)	A broad classification of the legal movements at a normal Transport Node.
Authority	Character (60)	Indicates the authority that is responsible for the maintenance of the transport feature
Foreign_id	Character (30)	Foreign data identification information
Ufi	Character (12)	Unique Feature Identifier – a unique identifier attached to every representation of a feature instance within The LIST
Fmp	Character (12)	Feature Metadata Pointer – a code relating to information on lineage and accuracy of each feature
Created_On	Character (19)	Date which the region was created in the Transport table. Format YYYY-MM-DD HH:MM:SS

Metadata

<http://www.thelist.tas.gov.au/asdd/ANZTA0005000017.html>

Links



<http://www.thelist.tas.gov.au>

Data Pricing – Standard Commercial Rate

Base Data Fee (Standard State Supply)	\$300.00
Administration & Licencing	\$100.00
GST	\$ 40.00
Total	\$440.00

Additional fees may apply for supply of data in non supported formats

Extracts of portions of the Transport Nodes data set can be supplied to client specifications and will be charged at a \$0.01c per km² rate with a minimum charge of \$100.00 plus GST. Additional administration and licencing fees may not apply for partial extracts.

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