SCHEDULE 2 – INTERNAL, CONNECTING AND EXTERNAL INFRASTRUCTURE – DESIGN AND CONSTRUCTION STANDARDS

# SCHEDULE 2 – INTERNAL, CONNECTING & EXTERNAL INFRASTRUCTURE – DESIGN AND CONSTRUCTION STANDARDS<sup>1</sup>

## Division 1 – Internal or Connecting Roads

#### 1.1 Planned Standards of Service

(1) Tables S2.1 to S2.4 identify the planned <u>standards of service</u> for road and road drainage works, including works for reconfiguring a lot, within the Localities within the Shire:

**Table S2.1 – Rural Locality** 

Design Criteria	Planned Standards of Service
Maximum design speed and	100km/hr
minimum sight distance:	170 metres
Carriageways:	
(a) Lanes	2x 3 metres
(b) Formation	9 metres – measured between shoulder points
(c) Shoulder width	1.5 metres
(d) Seal and	(A) 6 metre seal except where for a cul-de-sac (4 metres seal).
pavement	(B) seal to be bitumen for all new roads arising from
width	reconfiguring a lot and for all roads accessing Extractive
	industry, Rural service industry and Intensive animal
	husbandry uses along routes with houses
Reserve width:	20.0 metres
Kerbing:	Nil
Footpath and Cycleway	For networks shown in PSP No. 8 as existing or future trails

Table S2.2 – Rural Residential Locality

	Table 52.2 – Rufai Residential Locality					
Road Type (refer to definitions at the end of this Schedule)	Bitumen sealed width	Dedicated reserve width	Nominal design speed and volume range	Typical traffic catchment	Shoulder type (Refer Table S2.6)	
Access place/street (NB – highest order road type in the Village Locality)	2 lanes at 6 metres wide	16 metres with 5 metres verge (min)	50km/hr (minimum) carrying 10 vehicle trips per day per lot	Relates to maximum street length under S8.5 of Queensland Streets	B1	
Collector/ Trunk Collector - Distributor	2 lanes at 8 metres wide	20 metres with 5 metres verge (min)	60km/hr with 2400 vehicles per day	300 lots – increasable based on widened reserve under Table 8.5B and C of Queensland Streets	B2	
Council Sub- arterial to Arterial	2 lanes at 8 metres wide	30 metres	100km/hr (maximum)	na	B2	

<sup>&</sup>lt;sup>1</sup> Copies of the most recent versions of publications, standards, codes, manuals and other references quoted as standards for planning, design and construction in Schedule 2 are held by Council and may be viewed or purchased at Council chambers.

Table S2.3 – Urban Locality – Residential Zone

Road Type (refer to definitions at the end of this	Bitumen sealed width	Dedicated reserve width	Nominal design speed and volume	Typical traffic catchment	Kerb and channel (K&C) and
Schedule)			range		footpath/cycle- way
Access place/street	2 lanes at 8 metres - inc parking	16 metres with 3 metres verge (min)	50km/hr carrying up to 500 vehicles per day	50-100 lots	Concrete drive- over K&C on both sides of the road. No footpath or cycleway
Collector/ Trunk Collector - Distributor	2 lanes at 10 metres - inc parking	20 metres with 3.5 metres verge (min)	60km/hr for: - collector - up to 3000 vehicles per day - trunk – up to 10000 vehicles per day	300 lots – increasable based on a widened reserve under Table 8.5B and C of Queensland Streets	Concrete drive- over K&C on both sides of the road. Dual use path on one side with a minimum width of 1.2 metres
Council Sub- arterial to Arterial	2 lanes at 10 metres width	30 metres with 4.5 metres verge (min)	100km/hr	na	na

Table S2.4 - Urban Locality - Industrial Zone

	oun Bocane	Industri			
Road Type (refer	Bitumen	Dedicated	Maximum	Typical	Kerb and channel
to definitions at	sealed	reserve	design	traffic	(K&C) and
the end of this	width	width	speed and	catchment	footpath/cycle way
Schedule)			volume		
Access	2 x 3.5	20 metres	60km/hr	8ha	Concrete barrier-type
place/street	metres	with 4	carrying up		K&C on both sides of
	lanes for	metres	to 3000		the road.
	moving	verge	vehicles per		Footpath/cycleway
	plus 2 x	(min)	day		not required.
	2.5 metres	,			1
	as parking				
	lanes				
Collector/ Trunk	2 x 3.5	24 metres	60km/hr	30ha	Concrete barrier-type
Collector -	metres	with 4	carrying up		K&C on both sides of
Distributor	lanes for	metres	to 10000		the road. Dual use
	moving	verge	vehicles per		path on one side with
	plus 2 x	(min) and	day		a minimum width of
	3.0 metres	a median	•		1.2 metres.
	as parking				
	lanes				

## 1.2 Location and Design Standards for New Roads related to Reconfiguring a Lot

(1) Table S2.5 identifies the <u>locational and design standards</u> for infrastructure works, including works for reconfiguring a lot, for roads and road drainage works within the Localities within the Shire:

Table S2.5 - Location and Design Standards

Infrastructure	And Design Standards  Location and Design Standards			
Component	Location and Design Standards			
	(1) For moods and streets of collector or levier order status (refer			
(a) Roads and Streets	(1) For roads and streets of collector or lower order status (refer			
(including grades and	definitions at the end of this Schedule), the following sections of			
carriageway cross-fall	Queensland Streets:			
(two-way) and verges)	(i) All Circumstances:			
	(A) Section 6.0 "The Road System"			
	(B) Section 3.7 "The No-Access Street"			
	(C) Section 3.8 "Practical Collector System Design"			
	(D) Section 3.9 "The Access Street System"			
	(ii) Rural Residential Locality:			
	(A) Section 8.0 "Rural Residential Streets"			
	(iii) Residential Zone:			
	(A) AMCORD - Element 1.3 "Street Network" and Element 2.1			
	"Street Design and On-Street Car Parking"			
	(B) Design Element A4 Street Design – Part 4 – Subdivision –			
	Queensland Residential Design Guideline			
	(C) Section 2.0 "The Residential Street"			
	(D) Section 10.0 "Multi-Unit Residential Streets"			
	(iv) Industrial Zone:			
	(A) Section 9.0 "Industrial Streets"			
	(v) Rural Locality:			
	(A) Rural Road Design Guide to the Geometric Design of Rural			
	Roads, AUSTROADS			
	(2) Institute of Public Works Engineering Australia (IPWEA) – Standard			
	Drawings – Road/Street – Type Cross Sections			
	(3) For sub-arterial and higher order roads, the following:			
	(A) Road Planning and Design Manual – Queensland			
	Department of Main Roads, and			
	(B) Guide to Traffic Engineering Practice, AUSTROADS			
(b) Road Flooding	In accordance with Queensland Urban Drainage Manual – Volume 1:			
, ,	Text – Section 5.00.			

Table S2.5 - Location and Design Standards continued

Infrastructure	Location and Design St				
Component	Location and Design Standards				
(c) Public utilities in	IPWEA Standard Drawings – Road/Street - R0100 and R0101				
Road Reserves					
(d) Blind or Dead-end	Zone Maximum length Maximum turning				
Road (Cul-de-sac) – refer		(m)	circle diameter (m)		
IPWEA Standard	Rural Residential	Over 200 metres in	15 metres sealed		
Drawings – Road/Street –	and Residential:	length has an			
Type Cross Sections		alternative			
		emergency route			
	Industrial & Other:	Refer IPWEA	Section 2.12		
	- Access Street	Standard Drawings –	"Turning Areas" of		
	- Collector	Road/Street – R-0032	Queensland Streets		
	- Turning Radius				
(e) Truncations of	Except where a corner is	already truncated, trunc	ations are:		
properties at corners	(i) right angled to be six				
(where intersections form	(ii) otherwise, truncation				
the boundaries to	planned roads or where	an intersection forms a be	oundary to land, and		
properties)	(iii) dedicated as road an	d cleared of improvemen	nts or obstructions (free		
	of cost to Council) prior to:				
	(A) plan sealing for reconfiguring of a lot, or				
	(B) commencement of a use or works, and				
	(iv) formed and graded v	with construction of a roa	ndway on the truncated		
	area.				
(f) Intersections or	(i) Location/Design –				
Roundabouts	(A) Part 5 to 7	of AUSTROADS "Guid	le to Traffic Engineering		
	Practice"				
	(B) Chapters 13 and 14, Road Planning and Design manual,				
	QDMR				
		3 and 2.11 of Queensland			
	(ii) Spacings – Section 2				
	(iii) Acceleration and deceleration lanes and intersections with State-				
	controlled roads - Department of Main Roads Standard Specifications				
	Roads – Volume 1 and 2				
(g) School bus routes	Collector and higher ord				
	and all new roads in the				
	turning, stopping, sight of				
	buses in accordance with Section 3.5 "Bus Routes" of Queensland				
	Streets.				

#### 1.3 Construction Standards

- (1) Table S2.6 identifies the <u>standards of construction</u> for infrastructure works, including works for reconfiguring a lot, for roads and road drainage works within the Localities within the Shire.
- (2) To be constructed prior to:
  - (a) plan sealing where involving reconfiguring a lot,
  - (b) commencement of any approved use or building works (whichever is first).

**Table S2.6 – Construction Standards** 

Infrastructure	Construction Standards
Component	
(a) Rural Residential	<b>B1</b> – gravel, 1.5 metres wide and unsealed
Locality - Shoulder Type	<b>B2</b> – gravel, 1.5 metres wide and unsealed
	IPWEA Standard Drawings – Road/Street – Kerb and Channels
	Footpath or cycleway where shown on PSP No.8
(b) Road subgrade and	Department of Main Roads - Standard Specifications Roads - Volume 1
pavement	and 2 and Pavement Design Manual
(c) Kerbing and	IPWEA Standard Drawings – Road/Street – Kerb and Channels
channelling in Urban	
Locality	
(d) Footpath	On level areas in the road reserve with forming and grading to the
	permanent level for the full length of the road frontage in accordance
	with IPWEA Standard Drawings – Road/Street – R.0065 with:
	(i) Rural and Residential Locality – for a width of 1.5 metres with
	grassed surface for stability
	(ii) Residential and Industrial Zone – for a width of 1.2 metres with a
	minimum cross fall of 1.5% and a maximum crossfall of 4% width,
	100mm depth of approved loam and grassing for stability
	(iii) Commercial and Business Zone – formation and paving for the full
	width of the length of the road frontage of the site with a minimum cross
	fall of 1.5% and a maximum cross fall of 5%
	(iv) In parks or easements - paved width of 1.2m
(e) Cycleway	Guide to Traffic Engineering Practice, Part 14 - Bicycles,
	AUSTROADS, 1999
(f) Maintenance	Materials and works maintained for 12 months at the proponents expense

## Division 2 – Road Frontage or Site External Works

#### 2.1 Planned Standards of Service

- (1) The following <u>standards of service</u> are provided for at the road frontage(s) to the site in accordance with the specifications in Table S2.7:
  - (a) reinforced crossing(s),
  - (b) footpath formation and pavement for the full length of the road frontages of the land in the Urban or Rural Residential Locality or where shown on PSP No. 8,
  - (c) kerbing and channelling to the full frontage(s) of the site in the Rural Residential Locality and Urban Locality,
  - (d) where the road is partially sealed, the area between the seal and the kerb alignment/full seal width along the full frontage(s) of the land is formed, constructed and sealed, and
  - (e) any repair, reinstatement, relocation or alteration of existing roadworks, public utility mains, services or installations and drainage works to the frontage of the land made necessary due to construction works for the site.

## 2.2 Design and Construction Standards

- (1) Table S2.7 identifies the <u>standards of design and construction</u> for infrastructure works, including works for reconfiguring a lot, for frontage works within the Localities within the Shire.
- (2) To be constructed prior to:
  - (a) plan sealing where involving reconfiguring a lot, or
  - (b) commencement of any approved use or building works (whichever is first).

Table S2.7 – Design and Construction Standards

Table S2.7 – Design an				
Infrastructure	Design and Constru	ction Standards		
Component				
(a) Property	(1) For reconfiguring	a lot or an assessable development, vehicular access		
Access/Crossover/Turn-	to a collector or higher order road conforms to specifications in Section			
out and Inverts	10.9 "Access" of Queensland Streets.			
	(2) If in the Rural, Ru	ral Residential or Urban Locality and except as		
		able use code, where more than one property access		
		nts from the same road are separated by at least 15		
		of at least 10 metres from any intersection or		
	property access on an			
		over through the kerb and channelling or in the		
		to the property alignment are designed and		
	constructed:			
	(A) for the Rural	l and Rural Residential Locality - as per DMR		
		rsign Manual, or		
	(B) for the Urba	n Locality – as per IPWEA Standard Drawings –		
	Road/Street -	R-0050 (Residential) or R-0052 (Commercial		
	/Industrial).			
	(4) Access strips or ea	asements to rear lots arising from reconfiguring a lot		
	have the following co	onstruction standards from the pavement edge of the		
	road for its full length			
	(A) minimum str			
	Locality Minimum (metres)			
	Rural Residential 7			
	Urban: - Residential Lots 7			
	- Commercial/Industrial or Other Lots 10			
	(B) minimum construction:			
	Locality			
	Rural Residential	100mm compact gravel for 4 metres width unless involving a		
		reciprocal easement in which case a driveway width is not		
		less than 5 metres with 2 coat bitumen seal for 3.5 metres width		
	Urban:	Reinforced concrete not less than 100mm deep for 3.5 metre		
		width unless involving a reciprocal easement in which case a		
		driveway width is not less than 12 metres with 2 coat bitumen		
	(C) maximum lo	seal for 7 metres width ongitudinal grade of 1:6,		
	(D) maximum cross fall of 1:20, (E) above the 1 in 10 year flood,			
	(E) above the 1 in 10 year flood, (F) single straight truncations at each end of a minimum of 4 metres,			
	and			
	(G) undergrounding of services.			
(b) Footpath Formation	Refer Table S2.6 (d)	<i>5</i>		
(c) Kerbing and	Refer Table S2.6 (c)			
channelling	(•)			
(d) Pavement and	Refer Table S2.6 (b)			
Subgrade Construction	2.0 (0)			

## Division 3 - Water Supply and Sewerage

#### 3.1 Planned Standards of Service

(1) Table S2.8 identifies the planned <u>standards of service</u> for infrastructure to service activities, including lots arising from reconfiguring a lot, with water supply in the Shire:

Table S2.8 – Water Supply Standards of Service

	District Supply Standards of Screece
Area	Planned Standards of Service
(a) Rural	(i) No existing or planned municipal water supply reticulation system.
Locality <sup>2</sup>	(ii) Residential uses have a minimum 45000litre rain water tank.
	(iii) Non residential uses are provided with secure and reliable water supply to
	meet all water consumption needs on the site including:
	(A) fire fighting as provided at 3000litres/hr for a 5 hour period,
	(B) potable and ablution supply at 140litres/head/day, or
	(C) animal health and sanitation, as relevant.
(b) Rural	All uses and lots are provided with the standards of service in (a) (ii) or (iii)
Residential	above.
Locality	
(c) Urban Locality	
(1) Residential	(i) Connection of any use or lot to Council's reticulated water supply system,
Zone	with 20 metres of head of pressure at the property boundary for fire fighting.
(2) Business and	Connection of any use or lot to the Council's reticulated water supply system,
Commercial Zone	with 20 metres of head of pressure at the property boundary for fire fighting.
and Parks and	In the Parks and Open Space zone, connection to reticulated supply where in
Open Space Zone	conjunction with building works.
(3) Industrial Zone	Connection of any use or lot to the Council's reticulated water supply system.
	Flows and pressures at the property boundary accord with Queensland Water
	Resources Commission's (DNRM&E) Guidelines for Planning and Design of
	Urban Water Schemes.

(2) Table S2.9 identifies the planned <u>standards of service</u> for infrastructure to service activities, including lots arising from reconfiguring a lot, for sewerage in the Shire:

Table S2.9 - Sewerage Standards of Service

Locality	Planned Standards of Service			
(a) Rural,	(i) No existing or planned servicing by a municipal sewerage system (as regulated			
Rural and	under the Water Act 2000 or the Environmental Protection Act, 1994).			
Residential	(ii) Purposes producing domestic waste water at a peak design capacity of 20 or less EP			
	(4200l/day) are serviced by an on-site sewerage treatment works (including those			
	forming part of a common effluent drainage scheme) and land disposal area located,			
	sized, serviced and maintained in accordance with the <i>Plumbing and Drainage Act</i>			
	2002 and the On-site Sewerage Code, 2002.			
(b) Urban	Connection of a use or lot to Council's reticulated sewerage scheme in accordance with			
	the Water Act 2000,			

#### 3.2 Design and Construction Standards

(1) Table S2.10 identifies the <u>standards of design and construction</u> for infrastructure works, including works for reconfiguring a lot, for water supply and sewerage within the Shire.

<sup>&</sup>lt;sup>2</sup> In Murgon Shire:

<sup>(</sup>A) for *Residential uses* within the settlement of Moffatdale – potential for connection to the constant low flow non-potable system, or

<sup>(</sup>B) on properties fronting the rural water supply system between Byee and Windera/Cloyna – potential for connection to the non-potable supplies, as necessary.

- (2) To be constructed prior to:
  - (a) plan sealing where involving reconfiguring a lot, or
  - (b) commencement of any approved use or building works (whichever is first)

Table S2.10 – Water Supply and Sewerage Design and Construction Standards

	Design and Construction Standards
Locality	Design and Construction Standards  (i) Pleak/grow water treatment systems for demostic savegage with a peak design
(a) Rural,	(i) Black/grey water treatment systems for domestic sewerage with a peak design
Village,	capacity of 20 or less EP (4200litres) is designed and constructed in accordance with:
Rural	(A) On-site Sewerage Code, 2002.
Residential,	(B) Australian Standard AS/NZS 3500.2:2003 - Plumbing and Drainage –
Bunya	Sanitary Plumbing and Drainage and AS 3500 – Part 2.1:1996 – National
Mountains	Plumbing and Drainage – Sanitary Plumbing and Drainage –
and all	Performance Requirements.
zones for	(C) Australian Standard AS/NZS 1547:2000 – On-site Domestic Waste Water
Widgee and	Management - Section 1 and 3.
Woolooga	(D) Australian Standard AS/NZS 1546.1:1998 – On-site Domestic Waste
	Water Treatment Units – Septic Tanks.
	(E) Australian Standard AS/NZS 1546.3:2001 – On-site Domestic Waste
	Water Treatment Units – Aerated Waterless Toilets.
	(ii) Waterless composting toilets, chemical toilets and incinerating or other toilets
	designed and constructed in accordance with Australian Standard AS/NZS 1546.2:2001
	- On-site Domestic Waste Water Treatment Units - Composting Toilets and the
	Environmental Protection (Waste Management) Regulation 2000.
	(iii) On-site water supply designed and constructed in accordance with:
	(A) Australian Standard AS/NZS 3500.1:2003 – Plumbing and Drainage –
	Water Services and AS 3500 – Part 1.1:1998 – National Plumbing and
	Drainage – Water Supply – Performance Requirements.
	(B) Australian Standard AS/NZS 2180-1986 – Metal Rainwater Goods –
	Selection and Installation.
(b) Urban	(i) Reticulated water supply:
(0) 010	- Design:
	(A) the Queensland Water Resources Commission's Guidelines for Planning
	and Design of Urban Water Schemes.
	(B) DNR Technical Bulletin – Fire Fighting, No.3/1997, September, 1997
	- Construction:
	(A) the Water Supply Code of Australia (WSA03-2002), or substituting
	Queensland version and if the matter is not dealt with by WSA03-2002,
	the IPWEA Standard Drawings – Water.
	- Maintenance:
	(A) Materials and works maintained by the proponent at their expense for 12
	months.
	(ii) Reticulated Sewerage System:
	- Design:
	(A) the Queensland Water Resources Commission's Guideline for Planning
	and Design of Sewerage Systems.
	- Construction:
	(A) the Sewerage Code of Australia (WSA04-2001) and the Sewerage
	Pumping Station Code (WSA04-2001) (or substituting Queensland
	versions) or if the matter is not dealt with by these Codes, the <i>IPWEA</i>
	Standard Drawings – Sewerage.
	- Maintenance:
	(A) Materials and works maintained by the proponent at their expense for 12 months.
	i months

#### Division 4 – Stormwater

#### 4.1 Planned Standards of Service

(1) Tables S2.11 and S2.12 identify the planned <u>standards of service</u> for infrastructure to service activities, including lots arising from reconfiguring a lot, for stormwater quantity and quality management in the Shire:

Table S2.11 - Stormwater Quantity Standards of Service

T III	Cart of State and Cart of Stat				
Locality	Planned Standards of Service				
(a)(i) Rural	In all circumstances:				
and Rural	(i) No existing or planned municipal stormwater collection systems.				
Residential	(ii) Roof water drained to a 4500litre roof water tank.				
	(iii) Drainage is discharged from the boundary of the development site:				
	(A) without nuisance and annoyance to adjoining or downstream properties,				
	(B) into natural systems, and				
	(C) with conveyance to a lawful point of discharge including by way of				
	easement where drainage systems traverse private property into natural				
	systems,				
	For reconfiguring a lot:				
	(i) Impervious surfaces, roads or lot drainage captured and infiltrated on site to prevent				
	an increase in the outflow from the site under normal operating conditions.				
	(ii) No concentrated runoff, prolonged ponding, scour, undercut or erosion from runoff.				
	(iii) Overland flow paths held in a grassed state.				
(b) Urban	(i) Roof water, impervious surface, road or lot drainage captured and drained to prevent				
	concentrated flows or downstream nuisance in accordance with standards of service in				
	the Queensland Urban Drainage Manual – Volume 1: Text, 1994.				

Table S2.12 - Stormwater Quality Standards of Service

Locality	Planned Standard of Service
All	No net worsening of the quality of stormwater discharging from the site during
	construction and for 2 years thereafter as related to the documented pre-
	development state.

#### 4.2 Design and Construction Standards

- (1) Table S2.13 identifies the <u>standards of design and construction</u> for infrastructure works, including works for reconfiguring a lot, for stormwater management in the Shire.
- (2) To be constructed prior to:
  - (a) plan sealing where involving reconfiguring a lot, or
  - (b) commencement of any approved use or building works (whichever is first).

Table S2.13 – Stormwater Design and Construction Standards

Design Feature	Design and Construction Standards
(a) Drainage	(A) Urban and Rural Residential Locality - Queensland Urban
systems/structures for	Drainage Manual – Volume 1: Text 5.18 and IPWEA
roads, lots and culverts	Standard Drawings – Drainage.
	(B) Rural and Village Locality - Queensland Department of
	Main Roads – <i>Urban Road Design – Volume 2 – Culvert</i>
	Design (Sect 10-1800 to 10-2080) and IPWEA Standard
	Drawings – Drainage.
(b) Roof drainage systems	(A) Australian Standard – AS2180-1986 – Metal Rainwater
	Goods – Selection and Installation.
	(B) Australian Standard – AS3500.3.1 – 1998 – National
	Plumbing and Drainage - Part 3.1: Stormwater Drainage –
	Performance Requirements.
(c) Design rainfall for	Australian Rainfall and Runoff
stormwater flows	
(d) Temporary and	Soil Erosion and Sediment Control – Engineering Guideline for
permanent methods of	Queensland Construction Sites, Institute of Engineers, Australia
water quality control	(Queensland Division), 1996
(e) Maintenance of	Materials and works maintained by the proponent at their expense for 12
Works	months.

# Division 5 - Electricity, Telecommunications and Street Lighting

#### 5.1 Planned Standards of Service

- (1) Tables S2.14 identifies the planned <u>standards of service</u> for infrastructure to service activities, including lots arising from reconfiguring a lot, for electricity and telecommunications in the Shire.
- (2) To be constructed prior to:
  - (c) plan sealing where involving reconfiguring a lot, or
  - (d) commencement of any approved use or building works (whichever is first).

**Table S2.14 – Electricity, Telecommunications and Street Lighting Standards of Service and Construction** 

Element	Planned Standards of Service and Construction
Electricity	(A) All Localities - The standards of services nominated by the
	electricity supply authority with reticulated electricity to be made
	available at the property boundary.
	(B) <i>Rural Locality</i> - Alternative power may be considered where
	agreed to by the electricity service authority.
	(C) <i>Urban Locality</i> - Electricity supply is to be undergrounded with
	common trenching of services restricted to electricity and
	telecommunications in one trench with sewer and water mains in
	separate trenches.
	(D) <i>Construction</i> – Ergon Specifications URD Underground
	Residential Distribution.
Telecommunications	The standards of service nominated by the relevant telecommunications supply
	authority with reticulated services to be made available at the property
	boundary.
	In the Urban Locality, common trenching of services is restricted to electricity
	and telecommunications in one trench with sewer and water mains in separate
	trenches.
Street Lighting in	Reconfiguring a lot involving the opening of a road or the creation of 5 or
the Urban and	more lots provides for street lighting installed and designed in accordance with
Rural Residential	the requirements of:
Locality	(A) Ergon,
	(B) Australian Standard AS 1158.3.1-Public Lighting Code (1986) –
	Table 1.1 certified by a RPEQ,
	(C) Guide to Traffic Engineering Practice – Part 12, Roadway
	Lighting, AUSROADS, and
	(D) if on a State-controlled road or a Council sub-arterial or higher
	order road, the requirements contained in the Department of Main
	Roads Standard Drawings

#### **ROAD TYPE CLASSIFICATION:**

Type <sup>3</sup>	Characteristics
Access Place/Street	Local systems providing lot access and movement in a local area
	(where speed and volume are low) with connection to collector roads.
Collector Road	Collects traffic from access streets and provides for a higher volume
	of traffic including bus movement and carriageway parking in the
	Urban Locality. In the Industrial or the Business and Commercial
	zones, direct property access to collector roads is acceptable
Trunk Collector/Distributor	Roads that collect and distribute traffic from all local areas, moderate
Road	use visitor sites and to or from surrounding road systems. Roads cater
	for moderate travel speeds and large vehicles but exclude the
	provision for lot accesses or verge parking
Council Sub-Arterial to	Primary roads providing largely for the main traffic movements into
Arterial Road	and through regions including access to high visitor uses. Roads cater
	generally to higher travel speed vehicles, busses and trucks. No
	further property access or on-street parking is envisaged to maintain
	through-traffic safety and efficiency of movement. Systems feed the
	National Highways and other state controlled district systems

 $<sup>^{\</sup>rm 3}$  Existing collector and higher order roads are mapped on the Zone maps