

Adopted Infrastructure Charges Resolution (Version No. 5) July 2014

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A) Introduction

1) Sustainable Planning Act 2009

This is an adopted infrastructure charges resolution (resolution) made pursuant to section 648D of the *Sustainable Planning Act 2009* (Planning Act).

- 2) The resolution is to be read in conjunction with the following:
 - a) the State Planning Regulatory Provision (adopted charges); and
 - b) the applicable local planning instruments.
- 3) This resolution is attached to, but does not form part of the applicable local planning instruments.
- 4) The resolution has effect the day this resolution is published in a newspaper circulating generally in the area.
- 5) The purpose of the resolution is to assist with the implementation of the applicable local planning instruments by stating the following:
 - a) An adopted infrastructure charge for the following trunk infrastructure networks:
 - (i) Water network
 - (ii) Wastewater network
 - (iii) Transport network
 - (iv) Parks network
 - (v) Other matters relevant to an adopted infrastructure charge.

6) Definitions

If a term is not defined in this resolution it will, unless the context otherwise requires, have the meaning given in the Planning Act.

- a) Applicable local planning instrument means the following:
 - (i) Beaudesert Planning Scheme 2007;
 - (ii) Boonah Shire Planning Scheme 2006;
 - (iii) Ipswich Planning Scheme 2006.
- b) **Bedroom** means an area of a building or structure which:
 - is used, designed or intended for use for sleeping but excludes a lounge room, dining room, living room, kitchen, water closet, bathroom, laundry, garage or plant room; or
 - (ii) can be used for sleeping such as a den, study, loft, media or home entertainment room, library, family or rumpus room or other similar area; or
 - (iii) in the context of tourist park, 1 tent or caravan site is equivalent to 1 bedroom and 3 tents or caravan sites are equivalent to 3 bedrooms.

- c) Claimant see Section F.
- d) **Consumer Price Index** means the Consumer Price Index: All Groups Index for Brisbane available from the Australian Bureau of Statistics.
- e) Infrastructure Offset see Section F
- f) Net Developable Area means the sum of the entire site area expressed in square metres and reduced by the area designated as undevelopable due to natural and physical constraints.
- g) Prescribed Amount see Section G
- h) Serviced Premises see Section G.
- i) Trunk Infrastructure Contribution see Section F.
- j) Unused Infrastructure Offset see Section G

B) Application of the resolution

- 1) This resolution applies to the entire local government area of Council. Priority infrastructure areas have been identified within the State Planning Regulatory Provision (adopted charges) which identifies the areas Council intends to accommodate future urban growth. All the priority infrastructure areas have been reproduced for convenience in Section T of this resolution.
- 2) Areas subject to the State Development and Public Works Organisations Act 1971 (State Development Act) are included in this resolution. To the extent the State Development Act or any infrastructure agreement facilitates the charging for infrastructure contributions under a different regime, this resolution will not have effect. Otherwise, the adopted infrastructure charge will apply.
- 3) An adopted infrastructure charges notice may be triggered by:
 - a) assessable development; or
 - b) development compliance assessment.
- 4) The types of development that may trigger the issuing of an adopted infrastructure charges notice are:
 - a) reconfiguring a lot;
 - b) a material change of use; or
 - c) carrying out of building work.
- 5) The development use type under an applicable local planning instrument as stated in columns 1, 2 and 3 of table 1 is included within the development use type stated in column 4 of table 1 for the purposes of this resolution.

Table 1
Planning scheme development use types to which the adopted infrastructure charges schedule apply.

Planning scheme use	Planning scheme use	Planning scheme use	Classes of development to
types - Beaudesert Shire	type - Boonah Shire Planning	type - Ipswich Council	which adopted infrastructure charges
Planning Scheme 2007 Column 1	Scheme 2006 Column 2	Planning Scheme 2006 Column 3	schedule apply Column 4
Caretakers Residence; Dual Occupancy; House; Managers/Workers House; Medium Density Residential.	Caretakers Residence; House; Multiple Dwelling; Relatives' Accommodation.	Caretaker Residential; Single Residential; Dual Occupancy; Display Housing; Multiple Residential.	Residential
Bed and Breakfast; Motel; Tourist Cabins; Camping Ground.	Caravan Park; Host Home Accommodation; Motel; Tourist Cabins; Camping Ground.	Temporary Accommodation.	Accommodation (short term)
Aged Persons Accommodation; Caravan / Relocatable Home Park.			Accommodation (long term)
Funeral Premises; Public Worship.	Funeral Establishment.	Business Use (Funeral Premises); Community Use (Cemetery, Community Hall, Crematorium, Cultural Centre, Gallery, Library, Meeting Rooms, Museum, Place of Worship).	Places of Assembly
Retail Plant Nursery; Retail Showroom.	Plant Nursery; Bulk Supplies; Showroom.	Business Use (Bulky Goods Sales, Vehicle Sales Premises, Garden Centre, Farm Supply Outlet).	Commercial (bulk goods)
General Store; Shop; Shopping Centre; Produce Store; Convenience Restaurant; Food Establishment / Reception Centre Cottage Tourist. Tourist Business Tourist Facility	Shop; Food Premises. Tourist Facility	General Store; Shopping Centre; Business Use (Café, Fast Food Premises, Restaurant, Shop, Snack Bar, Takeaway Food Premises). Tourist Facility	Commercial (retail)
Commercial Activity.	Commercial Premises.	Business Use (Medical Centre, Office, Professional Office); General Store.	Commercial (office)
Child Care Facility; Educational Establishment.	Educational Establishment.	Community Use (Child Care Centre, School).	Education facility
Hotel / Club.	Hotel.	Business Use (Hotel).	Entertainment
Indoor Sports, Recreation and Entertainment.	Indoor Recreation.	Entertainment Use.	Indoor sport and recreation facility
Industry – General; Industry – Low Impact / Service; Warehouse / Storage Facility; Passenger Terminal; Service Station; Transport Terminal;	Industry - Medium Impact; Industry - Low Impact; Bulk Store; Warehouse; Service Station; Transport Depot.	General Industry; Service / Trades use; Business Use (Laundromat, Service Station).	Industry

Truck Depot.			
Industry – High.	Industry - High Impact.	Nuclear Industry; Special industry.	High impact industry
Commercial Ground Water Extraction; Agriculture; Animal Husbandry; Coursing or Trialling Track; Equestrian Activities; Forestry.	Aqua Culture – Minor; Wholesale Nursery; Agriculture; Animal Husbandry; Stables; Stock Sale Yard.	Plant Nursery (Wholesale); Agriculture; Animal Husbandry; Forestry.	Low impact rural
Aquaculture; Feedlot Farming; Intensive Agriculture; Piggery; Poultry Farm; Intensive Animal Husbandry.	Aqua Culture – Significant; Intensive Animal Industry.	Intensive Animal Husbandry.	High impact rural
Veterinary Surgery / Hospital; Corrective Institution; Community Care Centre; Hospital.	Community Facilities.	Community Use; Correctional Centre; Institutional Residential; Business Use (Veterinary Clinic); Community Use (Community Centre, Emergency Service Depot, Hospital, Senior Citizens Centre, Youth Centre).	Essential services
Market; Extractive Industry; Winery / Distillery; Outdoor Sports, Recreation and Entertainment; Cemetery; Landfill Activities; Utility – Local; Utility – Major.	Extractive Industries; Outdoor Recreation.	Recreation Use; Extractive Industry; Aviation Use; Wine Making; Minor Utility; Major Utility.	Specialised uses
Home Based Business (Category 1); Home Based Business (Category 2); Home Based Business (Category 3); Roadside Stall; Private Airstrip; Cattery; Kennel; Temporary Estate Sales Office; Public Park; Telecommunications Facility; Temporary Activity.	Domestic Animal Husbandry; Roadside Stall; Home Based Business (commercial based activity - 45m2 in area); Kennels & Catteries; Park; Telecommunications Facility; Utilities – Local; Utilities – Public.	Home Based Activity; Home Industry; Temporary Sales Office; Park; Night Court; Temporary Use; Car Park.	Minor uses

C) Adopted Infrastructure Charge

The methodology for calculating an adopted infrastructure charge for reconfiguring a lot is stated in table 2.

Table 2

Residential	Charge applicable is the residential 3 or more bedroom dwelling charge per allotment, in accordance with table 3 of this resolution.
Industry	Charge applicable is 25% site coverage of the net developable area at the industry charge in accordance with table 3 of this resolution.

Commercial	Charge applicable is 25% site coverage of the net developable
(Retail)	area at the commercial (retail) charge in accordance with table
	3 of this resolution.
Commercial	Charge applicable is 25% site coverage of the net developable
(Office)	area at the commercial (office) charge in accordance with table
, ,	3 of this resolution.
Commercial Charge applicable is 25% site coverage of the net of	
(Bulk goods)	area at the commercial (bulk goods) charge in accordance with
, ,	table 3 of this resolution.

- Should the use of the newly created allotment be inconsistent with the infrastructure charges applied under table 2 pursuant to a development approval for reconfiguring a lot, the further collection or refund of infrastructure charges will be determined prior to the issue of a development permit for building works.
- 2) In the event that a development application for reconfiguring a lot is a:
 - a) mixed use non-residential development; or
 - b) the use is inconsistent to the categories in table 2; or
 - c) the use of individual allotments is not identified;
 - d) the highest of the infrastructure charges of this resolution included in table 2 will be applied.
- 3) The agreed proportion of Council's adopted infrastructure charge for a material change of use or building work is stated in column 2 of table 3.
- 4) The agreed proportion with Queensland Urban Utilities of an adopted infrastructure charge for a material change of use or building work is stated in column 3 of table 3.
- 5) Council will continue collecting infrastructure charges on behalf of Queensland Urban Utilities until 30 June 2013.
- 6) Upon receiving a development application for a specialised use, Council will determine the most appropriate class of development from table 1 and if approved, apply the charge in accordance with table 3.
- 7) This resolution determines that the Scenic Rim Regional Council 'Register of Fees and Charges' is the current and correct infrastructure charge that will be applied to development.
- 8) This resolution allows the adopted infrastructure charge to increase by an amount representing the increase in the consumer price index for the period starting on the day the charge is levied and ending on the day the charge is paid, in accordance with section 648D (10) of the Planning Act. However the adopted infrastructure charge payable is not to exceed the maximum adopted charge the local government could have levied for the development at the time the charge is paid.
- 9) An adopted infrastructure charge is payable in accordance with section 648H of the Planning Act. Despite this a person may enter into a written agreement with Council about paying the charge at a different time or supplying infrastructure instead of paying all or part of the charge.

Development for which an adopted infrastructure charge may apply	Local Government agreed proportion of adopted infrastructure charges	QUU agreed proportion of adopted infrastructure charges	Local Government agreed proportion of adopted infrastructure charges for stormwater network (non- residential only)	Part of Local Government Area applicable
Column 1	Column 2	Column 3	Column 4	Column 5
Residential use con		¢12 500 por	N/A	Beaudesert Shire
more bedroom dwelling	\$13,250 per dwelling unit	\$12,500 per dwelling unit		Planning Scheme Area.
Residential 3 or more bedroom dwelling	\$12,720 per dwelling unit	\$12,000 per dwelling unit	N/A	Boonah Shire Planning Scheme Area.
	@2013/2014 parity with Beaudesert planning scheme charges, per dwelling unit			
Residential 3 or more bedroom dwelling	\$12,720 per dwelling unit @2013/2014 parity with Beaudesert planning scheme charges per dwelling unit	\$5,000 per dwelling unit	N/A	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
Residential 1 or 2 bedroom dwelling	\$9,750 per dwelling unit	\$8,800 per dwelling unit	N/A	Beaudesert Shire Planning Scheme Area.
Residential 1 or 2 bedroom dwelling	\$7,210 per dwelling unit @ 2013/14 Parity with Beaudesert planning scheme charges per dwelling unit	\$8,800 per dwelling unit	N/A	Boonah Shire Planning Scheme Area.
Residential 1 or 2 bedroom dwelling	\$9,010 per dwelling unit @2013/14 Parity with Beaudesert planning scheme charges per dwelling unit	\$3,500 per dwelling unit	N/A	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
Accommodation (short term) (1 or 2 bedroom dwelling)	\$4,880 per dwelling unit	\$4,400 per dwelling unit	N/A	Beaudesert Shire Planning Scheme Area.
(3 or more bedroom	\$6,730 per dwelling unit	\$6,250 per dwelling unit		

Development for which an adopted infrastructure charge may apply	Local Government agreed proportion of adopted infrastructure charges	QUU agreed proportion of adopted infrastructure charges	Local Government agreed proportion of adopted infrastructure charges for stormwater network (non- residential only)	Part of Local Government Area applicable
Column 1	Column 2	Column 3	Column 4	Column 5
dwelling) Accommodation (short term) (1 or 2 bedroom dwelling)	\$3,600 per dwelling unit @2013/14 Parity with Beaudesert planning scheme charges per dwelling unit	\$4,400 per dwelling unit	N/A	Boonah Shire Planning Scheme Area.
(3 or more bedroom dwelling)	\$5,220 per dwelling unit @2013/14 Parity with Beaudesert planning scheme charges per dwelling unit	\$6,000 per dwelling unit		
Accommodation (short term) (1 or 2 bedroom dwelling)	\$4,510 per dwelling unit @2013/14 Parity with Beaudesert planning scheme charges per dwelling unit	\$1,750 per dwelling unit	N/A	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
(3 or more bedroom dwelling)	\$6,250 per dwelling unit @2013/14 Parity with Beaudesert planning scheme charges per dwelling unit	\$2,500 per dwelling unit		
Accommodation (long term) (1 or 2 bedroom dwelling)	\$9,750 per dwelling unit	\$8,800 per dwelling unit	N/A	Beaudesert Shire Planning Scheme Area.
(3 or more bedroom dwelling)	\$13,250 per dwelling unit	12,500 per dwelling unit		
Accommodation (long term) (1 or 2 bedroom dwelling)	\$7,210 per dwelling unit @2013/14 Parity with Beaudesert planning scheme charges per dwelling unit	\$8,800 per dwelling unit	N/A	Boonah Shire Planning Scheme Area.

Development for which an adopted infrastructure charge may apply	Local Government agreed proportion of adopted infrastructure charges	QUU agreed proportion of adopted infrastructure charges	Local Government agreed proportion of adopted infrastructure charges for stormwater network (non- residential only)	Part of Local Government Area applicable
Column 1	Column 2	Column 3	Column 4	Column 5
(3 or more bedroom dwelling)	\$12,720 per dwelling unit @2013/2014 Parity with Beaudesert planning scheme charges per dwelling unit	\$12,000 per dwelling unit		
Accommodation (long term) (1 or 2 bedroom dwelling)	\$9,010 per dwelling unit @2013/14 Parity with Beaudesert planning scheme charges per dwelling unit	\$3,500 per dwelling unit	N/A	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
(3 or more bedroom dwelling)	\$12,720 per dwelling unit @2013/2014 Parity with Beaudesert planning scheme charges per dwelling unit	\$5,000 per dwelling unit		
Non-residential us	se class			
Places of Assembly	\$55 per m² of GFA	\$15 per m ² of GFA	\$10 per impervious m²	Beaudesert and Boonah Shire Planning Scheme Areas.
Places of Assembly	\$55 per m² of GFA	\$5 per m ² of GFA	\$10 per impervious m²	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
Commercial (bulk goods)	\$110 per m ² of GFA	\$30 per m ² of GFA	\$10 per impervious m²	Beaudesert and Boonah Shire Planning Scheme Areas.
Commercial (bulk goods)	\$110 per m ² of GFA	\$10 per m ² of GFA	\$10 per impervious m²	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure

Development for which an adopted infrastructure charge may apply	Local Government agreed proportion of adopted infrastructure charges	QUU agreed proportion of adopted infrastructure charges	Local Government agreed proportion of adopted infrastructure charges for stormwater network (non- residential only)	Part of Local Government Area applicable
Column 1	Column 2	Column 3	Column 4	Column 5
Commercial (retail)	\$150 per m² of GFA	\$30 per m² of GFA	\$10 per impervious m²	network. Beaudesert and Boonah Shire Planning Scheme Areas.
Commercial (retail)	\$150 per m² of GFA	\$10 per m² of GFA	\$10 per impervious m²	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
Commercial (office)	\$110 per m ² of GFA	\$30 per m ² of GFA	\$10 per impervious m²	Beaudesert and Boonah Shire Planning Scheme Areas.
Commercial (office)	\$110 per m ² of GFA	\$10 per m² of GFA	\$10 per impervious m²	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
Education facility	\$110 per m ² of GFA	\$30 per m² of GFA	\$10 per impervious m²	Beaudesert and Boonah Shire Planning Scheme Areas.
Education facility	\$110 per m ² of GFA	\$10 per m² of GFA	\$10 per impervious m²	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
Entertainment	\$170 per m ² of GFA	\$30 per m² of GFA	\$10 per impervious m²	Beaudesert and Boonah Shire Planning Scheme Areas.
Entertainment	\$170 per m² of GFA	\$10 per m² of GFA	\$10 per impervious m²	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
Indoor sport and recreation facility	\$150 per m ² of GFA, court rates at \$15 per m ² of GFA	\$50 per m² of GFA, court rates \$5 per m² of area	\$10 per impervious m²	Beaudesert and Boonah Shire Planning Scheme Areas.
Indoor sport and recreation facility	\$163 per m² of GFA, court rates at \$16 per m²	\$17 per m² of GFA, court rates \$2 per m² of area	\$10 per impervious m²	Boonah Shire or Ipswich Planning Scheme Area which has no

Development for which an adopted infrastructure charge may apply	Local Government agreed proportion of adopted infrastructure charges	QUU agreed proportion of adopted infrastructure charges	Local Government agreed proportion of adopted infrastructure charges for stormwater network (non- residential only)	Part of Local Government Area applicable
Column 1	Column 2	Column 3	Column 4	Column 5
	400		440	sewer infrastructure network.
Industry	\$20 per m²of GFA	\$30 per m² of GFA	\$10 per impervious m²	Beaudesert and Boonah Shire Planning Scheme Areas.
Industry	\$20 per m² of GFA	\$10 per m² of GFA	\$10 per impervious m²	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
High impact industry	\$30 per m ² of GFA	\$40 per m² of GFA	\$10 per impervious m²	Beaudesert and Boonah Shire Planning Scheme Areas.
High impact industry	\$43 per m² of GFA	\$13 per m² of GFA	\$10 per impervious m²	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
Low impact	Nil charge			
rural High impact rural	\$20 per m² of GFA (excludes poultry farms which are charged \$5 per m² of GFA)	Nil charge	N/A	Entire Local Government Area.
Essential services	\$110 per m²of GFA	\$30 per m² of GFA	\$10 per impervious m²	Beaudesert and Boonah Shire Planning Scheme Areas.
Essential services	\$110 per m ² of GFA	\$10 per m² of GFA	\$10 per impervious m²	Boonah Shire or Ipswich Planning Scheme Area which has no sewer infrastructure network.
Specialised uses		To be determined a	t time of assessment	
Minor uses		Nil c	harge	
	Nil charge			

D) Allocation of adopted infrastructure charge

Table 4 states how the adopted infrastructure charge of the local government is to be allocated to a trunk infrastructure network for the purpose of determining an offset.

Table 4

Infrastructure	Outside PIA boundary		ture Outside PIA boundary Inside PIA boundary		PIA boundary
network	Residential use class	Non- residential use class	Residential use class	Non- residential use class	
Transport	83%	100%	59%	76%	
Stormwater	0%	0%	18%	24%	
Parks	17%	0%	23%	0%	

E) Credits and discounts

- 1) A credit for a premises is an amount which is the greater of the following:
 - a) for an existing lawful use, the amount stated for the adopted infrastructure charges in column 2, 3 and 4 of table 3; and
 - b) where the premises is not subject to an existing lawful use and is located in a residential zone, the corresponding residential amount stated in column 2 and 3 of table 3.
- 2) A credit will only be applied in respect of an existing lawful use or development in existence at the time the development application is made.
- 3) A credit will be calculated in the same manner in which the adopted infrastructure charge is calculated under this resolution.
- 4) An adopted infrastructure charge for a material change of use involving an intensification of an existing lawful use or building work in existence at the time the development application is made will only be levied on the part of the development which is subject to the intensification.
- 5) A credit will not be applied under this resolution for any reason other than the existence of a lawful use of the premises or development the subject of the development application, at the time the development application is made. This means that a credit will not be applied for previous infrastructure contributions paid or trunk infrastructure provided unless the use or development is in existence at the time the development application is made.
- 6) Upon approval of a secondary dwelling, caretaker's residence, manager/workers house, relative's accommodation or dual occupancy when located outside the PIA, a 25% discount should be applied to the Local Government agreed proportion of the adopted infrastructure charges identified in column 2 of table 3.
- 7) Any site within the local government area that is not planned to be serviced by a water supply or waste water service will not be charged that proportion of the adopted infrastructure charge in accordance with table 3.

F) Infrastructure Offset

- An offset applies where the local government has for a trunk infrastructure network:
 - a) Required the following (trunk infrastructure contribution):

- (i) the supply of work for trunk infrastructure in a condition of a development approval, compliance permit or compliance certificate; or
- (ii) the giving of part of the land the subject of a development application; and
- b) Levied an adopted infrastructure charge in an adopted infrastructure charges notice or a negotiated adopted infrastructure charges notice for the same premises.
- 2) A claim for an infrastructure offset can occur when the person bound to provide the trunk infrastructure contribution and the adopted infrastructure charge for the development under the Planning Act (claimant) gives notice in the prescribed form to the local government which states the following:
 - a) That the claimant proposes to supply the trunk infrastructure contribution;
 - b) That the claimant seeks an offset for the supply of the trunk infrastructure contribution against an adopted infrastructure charge (infrastructure offset);
 - c) The claimants estimate of the following:
 - (i) The planned market estimate of the land as a trunk infrastructure contribution;
 - (ii) The pre-market estimate of the supply of work as a trunk infrastructure contribution;
 - (iii) The value of the infrastructure offset for the trunk infrastructure contribution.
- 3) The Local Government is to give notice in the prescribed form to the claimant which states the following:
 - a) Whether an infrastructure offset is applicable or not;
 - b) If an infrastructure offset is not applicable, the reason;
 - c) If an infrastructure offset is applicable, the value of the infrastructure offset.
- 4) The planned market estimate of land is the average of 2 independent land valuator's and 2 local real estate agents.
- 5) The pre-market estimate of the supply of work is the estimate expressed in dollars of the design and construction of the work:
 - a) including the following:
 - (i) the cost of planning and designing the work;
 - (ii) the cost of survey and site investigation for the work;
 - (iii) a cost under a construction contract for the work;
 - (iv) a portable long service leave payment for a construction contract;
 - (v) an insurance premium for the work;
 - (vi) a local government inspection fee for the commencement and end of the maintenance period for the work;

(vii)the cost of an approval for the work;

- b) excluding the following:
 - (i) a cost of carrying out temporary infrastructure;
 - (ii) a cost of carrying out other infrastructure which is not part of the trunk infrastructure contribution;
 - (iii) a cost of the decommissioning, removal and rehabilitation of infrastructure identified in paragraphs (i) and (ii);
 - (iv) a part of the trunk infrastructure contribution provided by the local government or a person other than the person seeking the infrastructure offset;
 - (v) a cost to the extent that GST is payable and an input tax credit can be claimed for the work.
- 6) The pre-market estimate of the supply of work is to be verified by a report by a suitably qualified quantity surveyor to be commissioned by the council and paid for by the claimant.
- 7) The council is to give a copy of the quantity surveyor's report to the claimant within 10 days of receiving it.
- 8) The Council will provide the claimant with an offset equal to the lesser of the actual cost of constructing the trunk infrastructure contribution or the figure of the premarket estimate verified by the quantity surveyor.
- 9) The local government is to calculate the amount of the value of the infrastructure offset by indexing the value of the infrastructure offset in accordance with the consumer price index from the date of the notice given, to the date that the infrastructure offset is to be offset against an infrastructure charge.
- 10) The local government is to offset the amount of the value of an infrastructure offset against an adopted infrastructure charge for the trunk infrastructure network to which the trunk infrastructure contribution relates, if the trunk infrastructure contribution is supplied for the development by the claimant in accordance with the applicable prescribed approval.

G) Refund relating to trunk infrastructure

- 1) A refund relating to trunk infrastructure can apply when there is:
 - a) An unused infrastructure offset for a trunk infrastructure contribution; or
 - b) The provision of additional trunk infrastructure costs where the local government has for a trunk infrastructure network required the payment of additional trunk infrastructure costs in a condition of a development approval under section 650 of the Planning Act.
- 2) The refund for an unused infrastructure offset for a trunk infrastructure contribution can apply when:
 - a) the development to which the trunk infrastructure contribution relates has been lawfully completed;

- b) the trunk infrastructure contribution is planned under this resolution to service the development of other premises (serviced premises); and
- c) the amount of the value of an infrastructure offset has not been fully offset against an adopted infrastructure charge for the trunk infrastructure network to which the trunk infrastructure contribution relates to.
- 3) The refund for the provision of additional trunk infrastructure costs can apply when:
 - a) the development to which the trunk infrastructure contribution relates has been lawfully completed;
 - b) the development is located completely in the priority infrastructure area;
 - c) the trunk infrastructure to which the additional trunk infrastructure costs relate is required for a different type, a greater scale or intensity of development than that anticipated in this resolution.
 - d) the trunk infrastructure to which the additional trunk infrastructure costs relate can be apportioned to serviced premises.
- 4) The claimant may give a notice in the prescribed form to the local government which states the following:
 - a) That the development to which a claim relates has been lawfully completed;
 - b) That the claimant seeks a refund:
 - c) The claimant's estimate of the refund.
- 5) The Local government is to give notice in the prescribed form to the claimant which states the following:
 - a) Whether a refund is applicable or not;
 - b) If a refund is not applicable, the reason;
 - c) If a refund is applicable, the value of the refund.
- 6) The claimant is only entitled to a refund from the local government under an infrastructure agreement prepared by the local government at the cost of the claimant.
- 7) The refund is to accord with the following terms unless otherwise agreed in the infrastructure agreement.
 - a) The refund is to be paid from the prescribed amount of an adopted infrastructure charge for the development of the serviced premises which is collected by the local government for a period of 10 years;
 - b) The refund is not to exceed the value of the unused infrastructure offset or the additional trunk infrastructure costs;
 - c) The prescribed amount is that portion of the adopted infrastructure charge allocated to the trunk infrastructure network of which the trunk infrastructure contribution or additional trunk infrastructure costs form part, which is equal to the trunk infrastructure to which the additional trunk infrastructure costs relate that can reasonably be apportioned to the serviced premises.

H) Desired Standards of Service - Water Network

- 1) The desired standard of service for the water supply network is as follows:
 - ensure drinking standards complies with the national health and medical research Council Australian Drinking Water Guidelines for colour, turbidity and microbiology;
 - collect, store, treat and convey potable water from a source to a consumer in accordance with the Water Act 2000 and the Water Supply (Safety and Reliability) Act 2008;
 - c) minimise non-revenue water loss;
 - d) design the water supply network in accordance with the following:
 - (i) all water supply shall be designed in accordance with the latest distributorretailer (Queensland Urban Utilities) standards;
 - (ii) an average day consumption of 230/EP/day;
 - (iii) a minimum and maximum supply pressure of 210 kPa and 1CPA kPa at each property boundary; or
 - (iv) fire flow for residential development of 15 l/s for industrial and commercial development of 30 l/s.
 - e) design a recycled water system to meet the Water Supply (Safety and Reliability)Act 2008.

I) Desired Standards of Service - Sewer Network

- 1) The desired standard of service for the sewer network is as follows:
 - a) provide a reliable sewerage network that collects, stores, treats and releases sewage from premises;
 - b) design the sewerage network in accordance with the following:
 - (i) the latest distributor-retailer (Queensland Urban Utilities) standards and the table below:
 - (ii) the Water Act 2000 and the Water Supply (Safety and Reliability) Act 2008;
 - (iii) an applicable development approval and environmental authority.

Table 5
Key design parameters for the sewerage network

Column 1 trunk infrastructure item	Column 2 design parameter
Total network	Average dry weather flow – 210/ep/day
	Peak wet weather flow – 5 x average dry weather flow
Pump station	Emergency storage of 3 hours 2 average dry weather flow

	Installed pump capacity – 1.1 x design flow ultimate
Gravity sewer	Air space of at least 305mm of pipe diameter at design flow
	Slope to achieve self cleansing velocity of 1 m/s
Rising main	Minimum velocity 0- 0.6 m/s
	Maximum velocity – 3.0 m/s
	Desirable design velocity 1.0 – 1.5 m/s
Sewerage treatment and release	The terms of an approval applicable to
	sewerage treatment and release

J) Desired Standards of Service - Stormwater Network

The primary aim of an urban stormwater management system is to ensure stormwater generated from developed catchments causes minimal nuisance, danger and damage to people, property and the environment.

- 1) The Desired Standards of Service for:
 - a) Drainage and flood management
 - (i) Collect and convey stormwater volumes for both major (100 year) and minor (10 year) flood events from existing and future land use in a manner that protects life and does not cause nuisance or inundation of habitable rooms;
 - (ii) Design the stormwater network to comply with Council's adopted standards identified in the planning scheme, which generally accord with the Queensland Urban Drainage Manual;
 - (iii) Design road crossing structures to provide an appropriate level of flood immunity for a minimum 50 year flood event and provide a level of immunity for local stormwater drainage systems for a minimum 10 year flood event;
 - (iv) Meet water quality objectives for receiving waters at all times.
 - b) Water quality management
 - (i) Environmental Values for water are the qualities of water that make it suitable for supporting aquatic ecosystems and human water uses. These EVs need to be protected from the effects of pollution, waste discharges and deposits to ensure healthy aquatic ecosystems and waterways that are safe for community use (EPA 2007);
 - (ii) The environmental values of receiving waters within the Scenic Rim Regional Council are:
 - (a) Protection of aquatic ecosystems;
 - (b) Suitability for human consumer;

- (c) Suitability for secondary contact recreation (eg boating);
- (d) Suitability for visual (no contact) recreation;
- (e) Protection of cultural and spiritual values, including Traditional Owner values of water;
- (f) Suitability for stock watering.
- (iii) For the Environmental Values identified within the Scenic Rim LGA, Water Quality Objectives (WQOs) have been determined by the EPA. The proposed design objectives for management of stormwater quality are outlined in table 6 below.

Table 6
Summary of design objectives for management of stormwater quality, operational (post construction) phase of development.

Region	Minim	Minimum reductions in the mean annual loads from		
	unmit	unmitigated development (%)		
South East Queensland	Suspended Solids (TSS)	Total Phosphorous (TP)	Total Nitrogen (TN)	Gross Pollutants > 5 mm
	80	60	45	90

The above objectives are based on the South East Queensland Regional Plan 2009-2031 Implementation Guideline No. 7 WSUD.

K) Desired Standards of Service – Transport Network

- 1) The desired standard of service for the local road network is as follows:
 - a) Provides a functional urban and rural hierarchy that supports settlement patterns, commercial and economic activities and freight movement;
 - b) For roads and intersections the levels of service are categorised into 6 levels, from A to F, with level A best and level F the worst traffic conditions. The desired level of service is D and in some circumstances E.

Table 7
Levels of Service definition for road links

Levels of Service de	
Level of Service	Description
A	Condition of free flow in which individual drivers are virtually
(max V/C 33%)	unaffected by the presence of others in the traffic stream. Freedom
	to select desired speeds and to manoeuvre within the traffic
	stream is extremely high, and the general level of comfort and
	convenience provided is excellent.
В	Zone of stable flow and drivers still have reasonable freedom to
(max V/C 50%)	select their desired speed and to manoeuvre within the traffic
	stream although the level of comfort and convenience is a little
	less than with level of service A.
C	Also in the zone of stable flow but most drivers are restricted to
(max V/C 65%)	some extent in their freedom to select their desired speed and to
	manoeuvre within the traffic stream. The level of comfort and
	convenience declines noticeably at this level.
D	Close to the limit of stable flow and is approaching unstable flow.
(max V/C 80%)	All drivers are severely restricted in their freedom to select their
	desired speed and to manoeuvre within the traffic stream. The

	general level of comfort and convenience is poor, and small
	increases in traffic flow will generally cause operational problems.
E	Traffic volumes are at or close to capacity, and there is virtually no
(max V/C 100%)	freedom to select desired speeds or to manoeuvre within the traffic
	stream. Flow is unstable and minor disturbances within the traffic
	stream will cause breakdown.
F	The zone of forced flow. With it, the amount of traffic approaching
(max V/C > 100%)	the point under consideration exceeds that which can pass it.
	Flow breakdown occurs and queuing and delays result.

Source: Austroads (1999)

Table 8
Levels of service definitions for intersections

Level of Service	Control delay per vehicle (d), including geometric delay [seconds]	
	Signals and roundabouts	Stop signs and give-way (yield) signs
A	d ≤ 10	d ≥ 5
В	10 < d ≤ 20	5 < d ≤ 10
С	20 < d ≤ 30	$10 < d \le 20$
D	$30 < d \le 40$	20 < d ≤ 30
E	$40 < d \le 60$	$30 < d \le 45$
F	60 < d	45 < d

Source: Highway Capacity Manual (2000)

- 2) The desired standards of service for the footpaths and cycleway is as follows:
 - a) The desired standard of service for the pathway network is to provide bike paths and footpaths with a safe and convenient network that encourages walking and cycling as acceptable alternative modes;
 - b) The key planning principles underpinning strategic bicycle and pedestrian planning relate to accessibility to key destinations/attractors, aesthetics and amenity of facilities, and the ability to use them safely. These key principles are:
 - (i) Connectivity defined as the directness of links and the density of connections in path or road network. The better the connectivity between origins and destinations, the better the accessibility (that is the ability to reach desired goods, services and activities);
 - (ii) Amenity refers to the attractive and fit-for-purpose design of footpaths, bike paths and bike lanes to encourage their use. It also includes the provision of appropriate signage, trip end facilities and traffic management features for an appropriate speed environment;
 - (iii) Safety refers to visibility, clearance from obstacles and security (such as lighting, surveillance) of trip end facilities, paths and lanes. Includes education of cyclists on the use of suitable equipment;
 - (iv) Generally, for trips of less than two kilometres walking is a viable mode of transport and for trips of up to 5km cycling is a viable alternative to the car. However, a range of factors determine this choice such as trip purpose, the level fitness and age of the person undertaking the trip, weather, safety, and availability and physical condition of the pedestrian and cycle infrastructure;

- (v) Typically, there are six groups of pedestrians and cyclists:
 - (a) School children;
 - (b) Parents with prams;
 - (c) Disabled and elderly;
 - (d) Recreational and tourist walkers and cyclists;
 - (e) Commuter and utility walkers and cyclists; and
 - (f) Sports cyclists.
- (vi) Each of these groups has different fitness and skill levels, and road safety awareness which require different facility standards.

Table 9
Desired standards of service for pedestrians

Facility	Major collector	Sub-arterial	Arterial	Highway
Footpath on one or both sides of the street	V	Unsuitable	Unsuitable	Unsuitable
Footpath on both sides of the street	√*	$\sqrt{}$	V	Unsuitable
Controlled crossing	V	Unsuitable	Unsuitable	Unsuitable
Traffic signals	√*	V	V	V
Grade separated crossing	n/a	n/a	V	V

^{*} For routes with inexperienced cyclists and children, and near schools, shops and recreational facilities.
√ required to achieve desired standard

Table 10
Desired standards of service for cyclists

Facility	Major collector	Sub-arterial / distributor	Arterial	Highway
Shared on-road or wide shoulder	Unsuitable	Unsuitable	Unsuitable	Unsuitable
Shared footpath	V	V		Unsuitable
Dedicated on-road cycle lane	$\sqrt{}$	Unsuitable	Unsuitable	Unsuitable
Off-road cycle path	√*	√*	$\sqrt{}$	Unsuitable
Controlled crossing	√*	Unsuitable	Unsuitable	Unsuitable
Traffic signals	√*	V	V	√
Grade separated crossing	n/a	n/a		

^{*} For routes with inexperienced cyclists and children, and near schools, shops and recreational facilities.

L) Desired Standards of Service – Open Space Network

- 1) Public parks will be located to ensure adequate pedestrian, cycle and vehicle access;
- 2) Public parks will be provided to a standard that supports a diverse range of recreational, sporting and health-promoting activities to meet community expectations. This includes ensuring land is of an appropriate size, configuration and slope and has an acceptable level of flood immunity;
- 3) Public parks contain a range of embellishments to complement the type and purpose of the park;
- 4) Maximise opportunities to co-locate recreational parks in proximity to other community infrastructure, transport hubs and valued environmental and cultural assets.

Table 11 Recommended levels of provision of land for recreation, sport and linear parks

Predominant	Recreation	Sports Parks ²	Linear Parks ³	Total*
Land Use	¹ Parks			
Town	1.6 ha / 1000	1.5 ha / 1000	1.5 ha / 1000	4.6 ha / 1000
Residential ⁴				
Medium	1.6 ha / 1000	1.5 ha / 1000	1.5 ha / 1000	4.6 ha / 1000
Density /				
Apartments ⁵				
Business	0.25 ha / 1000	Nil	0.5 ha /1000	0.75 ha / 1000
Centres &				
Industrial				
Areas ⁶				
Rural & Park	0.25 ha / 1000	2 ha / 1000	Nil	2.25 ha / 1000
Residential ⁷				

Note: It is assumed that 0.2 ha /1000 will be required for the provision of community facilities. Thus the total amount of land required will be 4.8 ha / 1000.

Table 12

^{1 &}quot;Recreation Parks" refers to public open space areas that are used for social, cultural and informal recreational activities that people undertake in their leisure time.

^{2 &}quot;Sport Parks" refers to public open space areas that are used predominantly for competitive, organised activities that people undertake in their leisure time.

^{3 &}quot;Linear Parks" are public open space areas that provide linkage between features for pedestrians, cyclists and in some cases horses.

^{4 &}quot;Town Residential" refers to those localities with a concentration of residential lots with housing densities of or more dwellings per ha.

^{5 &}quot;Medium Density / Apartments" refers to those localities with a concentration of buildings containing multiple

dwellings of 4 or more stories high and densities of 15+ dwellings per ha.
6 "Business Centres & Industrial" refers to those localities with a concentration of commercial and/or industrial buildings or uses catering for more than 1000 workers

^{7 &}quot;Rural & Park Residential" refers to those lands outside a city or town where population densities are often much lower than 5 dwellings per ha. Usually the allocation for parkland is added to the open space provision in the nearest town / village, so it has capacity to cater for the population it actually services.

The figures in the table 11 are recommended as the benchmarks for measuring the adequacy of provision of recreation and sport parkland to cater for average requirements for communities, visitors or employees, depending on the predominant land use. These figures do not include any allowance for the provision of land for environmental, conservation or waterway related purposes because such lands are managed for a specific purpose and limit the types of public activity that are permitted.

Recommended distribution of parks depending on the predominant land use

Park Hierarchy	Typical	Predominant Land Use	
	Population	Town/Residential/ Rural/Rural Settlen	
	Served	Medium	
		Density/Industrial	
Regional	150,000+	Usually within 50km	Usually within 50km
Council-wide	50,000+	Usually within 15km	Usually within 30km
District	5,000-15,000+	Usually within 5km	Usually within 15km
Local	500-2,500+	Usually within 0.5km	NA

Table 13

Suggested size of sport and recreation parks

Park type	Desired park areas		
	Local District-wide Council-wide		
Recreation parks	0.5-1.0ha	5-10ha	10-40+ha
Sports parks	NA	5-10ha	10-20+ha
Linear parks	Minimum 15m preferable, may be narrower when associated with a waterway or environmental corridor.		

Table 14

Typical embellishments for the urban open space network

Embellishment	Recreation Park		Sports Park	Linear park
type	Local	District	District	
Roads (internal)	Х		V	X
Parking	Х			X
Fencing/bollards				V
Tracks	Х	Х	X	
(unformed)				
Paths (formed)	Х		X	
Landscape				X
rehabilitation				
Landscape	X	X	X	
enhancement				
Lighting	X			
Toilets	X			X
Seating	$\sqrt{}$			
Shelter/shade	$\sqrt{}$			
structure				
Play facilities	$\sqrt{}$			X
Tap/bubbler	$\sqrt{}$			
BBQ facilities	X		X	X
Rubbish Bins	X			
Boat/canoe	X		X	X
launching				
Change rooms	X	X	√	X
Sporting fields	X	X	$\sqrt{}$	X
Irrigation	X	X	X	X
Fitness	X		X	
Equipment				
Skate bowl	X		X	X
Basketball Court	X		$\sqrt{}$	X
Tennis Court	Χ	X	$\sqrt{}$	X
Information	X			X
(signage)				

- 5) Local Recreation Parks primarily serve the needs of local residents and communities within 0.5km walking distance in residential areas. Most Local Recreation Parks will be used by families and children for social and informal recreational activities. Typical facilities include, but are not limited to, those facilities listed in Table 14.
- 6) A local Recreation Park should comply with the following criteria:
 - a) be publicly owned and managed;
 - b) contain 0.5–1 hectares of useable space, exclusive of access ways or other easements;
 - c) have a maximum grade of 1:10 for 80% of the area of the park (i.e. a maximum of 20% of the land may have a greater grade than 1:10);
 - d) be wheelchair accessible with a maximum grade of 1:14 where possible;
 - e) have a minimum 75% local road frontage where possible;
 - f) access to water and power supply required;
 - g) may include grassed areas above Q2, but must include at least 10% of area above Q10 for the location of removable facilities; and
 - h) where possible, provide linkages to other open space areas.
- 7) District Recreation Parks are intended to serve several neighbourhoods and visitors to the Scenic Rim LGA. They should be suitable for a wider variety of informal recreational uses than local parks provide a more comprehensive range of recreational and community facilities. Typical facilities include, but are not limited to, those facilities listed in Table 14. In some cases, it will be possible to integrate informal recreational opportunities with sporting opportunities, where the area is of sufficient size.
- 8) A District Park should comply with the following criteria:
 - a) be publicly owned and managed;
 - b) have a minimum size of 5 hectares of usable space, exclusive of access ways and easements:
 - be located within a 2-5km radius of the majority of potential resident users and easements;
 - d) be linked to other open space areas, where possible;
 - e) have open, flexible use areas totalling a minimum of 2 hectares;
 - f) have approximately 75% of the park perimeter with direct road frontage, to provide good physical access and visibility;
 - g) be accessible to public transport;
 - h) has an average grade of 1:10 for 80% of the area of the park;
 - i) may include grassed areas above the Q2 flood level, but must include at least 10% of area above Q10 flood level for the location of removable facilities and a

- minimum 10% of the area located above the Q100 flood level, suitable for the establishment of permanent facilities;
- 9) A District Sports Park is to be used primarily for organised sporting activities, although it can also include areas for casual use, outside the actual playing fields. The land should be suitable for the development of ovals, playing fields, tennis courts, netball courts, athletic tracks and the like and be able to incorporate additional facilities, such as car parks, amenity blocks, clubrooms and spectator facilities. Typical facilities include, but are not limited to, those facilities listed in Table 14.
- 10) A District Sport Park should comply with the following criteria:
 - a) be publicly owned and managed;
 - b) preferred size is 10 hectares for district (urban) facilities, and 5 ha for district (rural) facilities, to allow for the development of multi-purpose sporting facilities with adequate buffers;
 - c) to maximise the area available for playing fields, a circular, square or rectangular shape (with sides no greater than 2:1) is considered most efficient;
 - d) be located within a 2-5km radius of the majority of potential users in urban areas or within 15kms in rural and rural settlement areas;
 - e) approximately 75% of the park perimeter must have direct road frontage, to provide good physical access and visibility;
 - f) incorporate adequate space for the parking of between 50 and 100 cars (based on park type, catchment and facilities to be provided);
 - g) be accessible to public transport, wherever possible, and to include a safe bus set down area;
 - h) facilitate wheelchair access with a maximum grade of 1:14 where possible:
 - i) laser levelling to a maximum gradient of playing surface 1:100;
 - j) grass cover of 100% for playing areas (preferred grass type predominantly Green Couch);
 - k) top soil to be 100mm of friable fertile soil;
 - I) playing surface must be clear of debris;
 - m) playing area and perimeter to be self-draining;
 - n) access to sewer, water and power connection points required;
 - o) underground irrigation system approved by Council;
 - p) orientation of fields to be north-south and comply with Australian Standards; and
 - q) may include grassed areas above the Q2 flood level, but must include at least 10% of area above Q10 flood level for the location of removable facilities and a minimum 10% of the area to be located above the Q100 flood level, suitable for the establishment of permanent facilities.

- 11) The value of parks can be enhanced considerably if they are linked via safe and convenient pedestrian / cycle paths, connecting communities with the rest of the park network and with the wider regional open space system. Linear Parks serve a number of purposes, such as providing:
 - a) safe and convenient linkages and circuits between residential areas and open space areas, shops, community facilities, and other destinations;
 - b) opportunities for safe cycling and walking in and around communities;
 - c) access along rivers, creeks and waterways;
 - d) multi-purpose bushfire access tracks bordering on bushland areas;
 - e) opportunities to create off-road pedestrian/cycle paths include:
 - (i) along waterways and ridgelines;
 - (ii) within powerlines and other utility easements;
 - (iii) within road reserves;
 - (iv) along park streets and link paths between streets;
 - (v) between residential and bushland areas as multi-purpose fire trails.
- 12) A Linear Park should comply with the following criteria:
 - a) all urban residences (where densities exceed 5 dwellings / ha) will be no more than 500 metres from a pedestrian / cycle path and no employee in an industrial area will be more than 1 km from a pedestrian / cycle path;
 - b) generally off- road pedestrian paths will have a minimum width of 15 metres in an urban area or a minimum width of 10 metres where a park linkage is adjacent to a riparian corridor, waterway or drain to allow for adequate access, security and landscaping;
 - c) a maximum grade of 1:10;
 - d) located generally above the Q2 flood level except where crossings are necessary;
 - e) the impacts of natural and altered waterway erosive processes on stream bank stability are to be mitigated when a Linear Park is adjacent to a watercourse. Revegetation of these riparian corridors must be undertaken to ensure an attractive setting to the Linear Park;
 - f) generally gravel or sealed pathway, depending on intensity of use and likelihood of inundation;
 - g) opportunities for landscape enhancement such as screening or mounding;
 - h) minimise right and acute angled linkages;
 - maximise opportunities for visual corridors or vistas;
 - j) paths to be shaded by trees; and
 - k) planting along Linear Parks must allow clear visibility at entrance /exit points.

- 13) Land is not acceptable for public parks infrastructure if the land cannot safely and effectively contribute to the network of parks and open space areas as detailed in the desired standards of service. Unacceptable categories include land that is:
 - a) within the banks of a watercourse;
 - b) less than 10 metres wide;
 - c) contaminated land or contains other potentially hazardous areas;
 - d) encumbered by an easement of any sort;
 - e) land which has a flood frequency less than Q2;
 - f) a landscape, visual or noise buffer; and
 - g) land not retained in public ownership or is not available for public use such as land which is retained for private use or forms part of community title scheme.

M) Trunk Infrastructure

- The plans for trunk infrastructure identify the existing trunk infrastructure and the future trunk infrastructure intended to service the assumed development at the desired standards of service.
- 2) Table 15, column 2 lists the typical type of infrastructure which is classed as trunk infrastructure and for which the adopted infrastructure charges apply. Column 3 lists the identified existing and future trunk infrastructure where it is possible to do so.

Table 15
Typical trunk infrastructure network systems and items

Trunk infrastructure network	Typical Item
Transport network	All local government owned trunk collector roads and local government roads with regional significance.
	Within these roads, land and work for an associated intersection, traffic lights, lighting, bridges, culverts, kerb and channel local road drainage, swales, furniture, surface marking, pedestrian pathways and cycle ways, information, signage, but excluding services for other infrastructure providers. Footpaths on any State Government trunk road.
	Any future roads identified in the plans for trunk infrastructure.
Open Space network	Land, work and standard embellishments for informal recreation and sport.
	All local parks where located within a PIA.
	All existing district and regional parks throughout the Council region.

Trunk infrastructure network	Typical Item
	All future parks identified in the plans for trunk infrastructure.
Stormwater network	Natural waterways
	Overland flow paths and channels (natural and constructed).
	Piped drainage, manholes, inlets and outlets.
	Culverts when assisting the trunk road network.
	Wetland areas.
	Riparian corridors.
	Any future culvert, detention and bio-retention facility as identified in the plans for trunk infrastructure.
Water supply network	Water Treatment Plant.
	Reservoir and storage facility.
	Pump station.
	Rechlorination facility.
	Distribution main with a nominal diameter of 200 mm or greater.
	Associated monitoring system.
	Fire hydrants and other fittings on trunk mains.
	Pressure reducing valves and pressure gauges
	Any future reservoir, pump station or main with a diameter of 200mm or greater as identified in the plans for trunk infrastructure.

Trunk infrastructure network	Typical Item	
Sewerage network	Pump station.	
	Rising main.	
	Gravity sewer with a nominal diameter of 225 mm or greater.	
	Odour and corrosion control system.	
	Associated monitoring system.	
	Sewerage treatment plant.	
	Storage facility.	
	Release system.	
	Any future pump station, rising main or gravity sewer with a diameter of 225mm or greater as identified in the plans for trunk infrastructure.	

N) Schedule of Works

1) The schedule of works for water, sewer, transport, drainage and open space for the next 15 years is detailed in tables 16-20.

Table 16
Water Network Schedule of Works

Identification	Map	Future trunk	Planned
Identification	reference	infrastructure	date of
	reference	IIIII asti uctui e	completion
Reauc	desert Shire P	lanning Scheme	completion
FM-BDS-0150, FM-	1.1,1.2		2013
BDS-0242, FM-	1.1,1.2	1 100	2010
BDS-0241			
FM-BDS-0149b	1.1,1.2	Pipe	2013
FM-BDS-0173	1.1,1.2	Pipe	2014
FM-BDS-0221	1.1,1.2	Pipe	2014
FP-CNN-0001	1.5	Pipe	2014
FP-CNN-0002	1.5	Pipe	2014
FP-CNN-0003	1.5	Pipe	2014
FP-CNN-0004	1.5	Pipe	2014
FP-CNN-0005	1.5	Pipe	2014
FT- Brookes Dr-	1.3	Reservoir	2014
Kooralbyn		-	
FT- Campbell Dr-	1.3	Reservoir	2014
Kooralbyn			
FP-RTH-0001	1.4	Pipe	2014
FT- Rathdowney	1.4	Reservoir	2014
FP-KRL-0001	1.3	Pipe	2014
FP-KRL-0002	1.3	Pipe	2014
FP-KRL-0003	1.3	Pipe	2014
FP-KRL-0004	1.3	Pipe	2014
FP-RTH-0002	1.4	Pipe	2014
FP-RTH-0003	1.4	Pipe	2014
FP-RTH-0004	1.4	Pipe	2014
FP-RTH-0005	1.4	Pipe	2014
FM-BDS-0057, FM-	1.1,1.2	Pipe	2016
BDS-0058, FM-			
BDS-0063, FM-			
BDS-0064, FM-			
BDS-0146			
FM-BDS-0035	1.1,1.2	Pipe	2016
FM-BDS-0057	1.1,1.2	Pipe	2016
FM-BDS-0058	1.1,1.2	Pipe	2016
FM-BDS-0061	1.1,1.2	Pipe	2016
FM-BDS-0063	1.1,1.2	Pipe	2016
FM-BDS-0064	1.1,1.2	Pipe	2016
FM-BDS-0097	1.1,1.2	Pipe	2016
FM-BDS-0098	1.1,1.2	Pipe	2016
FM-BDS-0099	1.1,1.2	Pipe	2016
FM-BDS-0121	1.1,1.2	Pipe	2016
FM-BDS-0122	1.1,1.2	Pipe	2016
FM-BDS-0146	1.1,1.2	Pipe	2016
FM-BDS-0148	1.1,1.2	Pipe	2016
FM-BDS-0185	1.1,1.2	Pipe	2016
FM-BDS-0186	1.1,1.2	Pipe	2016

Identification	Мар	Future trunk	Planned
	reference	infrastructure	date of
			completion
FM-BDS-0240	1.1,1.2	Pipe	2016
FM-BDS-0243	1.1,1.2	Pipe	2016
FR-BDS-G1	1.1,1.2	Reservoir	2016
FP-CNN-0012	1.5	Pipe	2016
FP-CNN-0013	1.5	Pipe	2016
FP-CNN-0007	1.5	Pipe	2016
FP-CNN-0008	1.5	Pipe	2016
FP-CNN-0009	1.5	Pipe	2016
FP-CNN-0010	1.5	Pipe	2016
FP-CNN-0011	1.5	Pipe	2016
FPMP- Booster 1	1.5	Pump station	2016
FM-BDS-0149a	1.1,1.2	Pipe	2021
FM-BDS-0169	1.1,1.2	Pipe	2021
FM-BDS-0203	1.1,1.2	Pipe	2021
FM-BDS-0204	1.1,1.2	Pipe	2021
FM-BDS-0213	1.1,1.2	Pipe	2021
FM-BDS-0219	1.1,1.2	Pipe	2021
FM-BDS-0235	1.1,1.2	Pipe	2021
FM-BDS-0236 FM-BDS-0237	1.1,1.2 1.1,1.2	Pipe	2021 2021
FM-BDS-0237	1.1,1.2	Pipe Pipe	2021
FM-BDS-0236	1.1,1.2	Pipe	2021
FPU-BDS-0006	1.1,1.2	Pump station	2021
FT-BDS-KR1	1.1,1.2	Reservoir	2021
FP-CNN-0021	1.1,1.2	Pipe	2021
FP-CNN-0022	1.5	Pipe	2021
FP-CNN-0023	1.5	Pipe	2021
FP-CNN-0024	1.5	Pipe	2021
FP-CNN-0029	1.5	Pipe	2021
FP-CNN-0030	1.5	Pipe	2021
FP-CNN-0031	1.5	Pipe	2021
FP-CNN-0032		Pipe	2021
FPMP- Booster 2		Pump station	2021
FM-BDS-0145	1.1,1.2	Pipe	2026
FM-BDS-0175	1.1,1.2	Pipe	2026
FM-BDS-0176	1.1,1.2	Pipe	2026
FM-BDS-0177	1.1,1.2	Pipe	2026
FM-BDS-0181	1.1,1.2	Pipe	2026
FM-BDS-0182	1.1,1.2	Pipe	2026
FM-BDS-0183	1.1,1.2		2026
FM-BDS-0200	1.1,1.2	Pipe	2026
FM-BDS-0209	1.1,1.2	Pipe	2026
FM-BDS-0227	1.1,1.2	Pipe	2026
FT-CNN- proposed	1.5	Reservoir	2026
reservoir			
FP-CNN-0049	1.5	Pipe	2026
FP-CNN-0051	1.5	Pipe	2026
FP-CNN-0052	1.5	Pipe	2026
FP-CNN-0053	1.5	Pipe	2026
FP-CNN-0054	1.5	Pipe	2026
FP-CNN-0055	1.5	Pipe	2026
FP-CNN-0056	1.5	Pipe	2026
FP-KRL-0007	1.3	Water Main	2026

Identification	Map reference	Future trunk infrastructure	Planned date of completion
FP-KRL-0008	1.3	Water Main	2026
l)	oswich Planni	ng Scheme	
P93470	1.2	Pipe	2016
U4180	1.2	Pump Station	2026
P109040	1.2	Pipe	2026
P109050	1.1	Pipe	2026
P109060	1.1	Pipe	2026
P109070	1.1	Pipe	2026
P109080	1.1	Pipe	2026
P109090	1.1	Pipe	2026
P108720	1.2	Pipe	2026
Воо	nah Shire Pla	nning Scheme	
Mt Alford Booster Pump	1.6	Pump Station	2013
Dugandan Reservoir	1.3	Reservoir	2014
FP-BNH-0001	1.5	Water Main	2014
FP-BNH-0002	1.2	Water Main	2014
FP-BNH-0003	1.5	Water Main	2014
FP-BNH-0004	1.3	Water Main	2014
FP-BNH-0005	1.1	Water Main	2014
FP-BNH-0006	1.4	Water Main	2026

Table 17 Sewer Network Schedule of Works

Identification	Map reference	Future trunk infrastructure	Planned date of
D	de e en Obine I	2/	completion
		Planning Scheme	0040
FGS31-1		Gravity Main	2012
FGS31-2		Gravity Main	2012
FGS01		Gravity Main	2012
FRM12		Rising Main	2012
FRM11-2	2.1,2.2	Rising Main	2012
ST_FPS09	2.1,2.2	Pump Station	2012
		Storage	
FRM8	2.1,2.2	Rising Main	2014
FPS09	2.1,2.2	Pump Station	2016
FRM9	2.1,2.2		2016
SP01	2.1,2.2		2016
FGS21-1	2.1,2.2		2016
FGS21-2	2.1,2.2	Gravity Main	2016
FGS2-1	2.1,2.2		2016
FGS2-2	2.1,2.2		2016
FGS7	2.1,2.2		2016
FGS17-1	2.1,2.2	Gravity Main	2016
FGS68	2.1,2.2	Gravity Main	2016
FGS69	2.1,2.2	Gravity Main	2016
FGS67	2.1,2.2	Gravity Main	2016
FGS70	2.1,2.2	Gravity Main	2016
FGS66	2.1,2.2		2016
FGS59	2.1,2.2	Gravity Main	2016
FGS71	2.1,2.2	<u> </u>	2016
ST_SP04	2.1,2.2	Pump Station	2016
		Storage	

Identification	Мар	Future trunk	Planned
	reference	infrastructure	date of
			completion
ST_SP06	2.1,2.2	Pump Station	2016
		Storage	
NSP-CNN-0001	2.4	Gravity Main	2016
NS-KRL-0001	2.3	Gravity Main	2016
NS-KRL-0002	2.3	Gravity Main	2016
NS-KRL-0029	2.3	Gravity Main	2016
FGS16	2.1,2.2	Gravity Main	2021
FGS17-2 FGS17-3	2.1,2.2	Gravity Main	2021
FGS18	2.1,2.2	Gravity Main Gravity Main	2021 2021
FGS19	2.1,2.2 2.1,2.2	Gravity Main	2021
FGS20-1	2.1,2.2	Gravity Main	2021
FGS20-2	2.1,2.2	Gravity Main	2021
FGS21-3	2.1,2.2	Gravity Main	2021
FGS3-1	2.1,2.2	Gravity Main	2021
FGS3-2	2.1,2.2	Gravity Main	2021
NSP-CNN-0002	2.4	Gravity Main	2021
NSP-CNN-0005	2.4	Gravity Main	2021
FGS29	2.1,2.2	Gravity Main	2026
FGS30-1	2.1,2.2	Gravity Main	2026
FGS30-2	2.1,2.2	Gravity Main	2026
FGS48	2.1,2.2	Gravity Main	2026
FGS49	2.1,2.2	Gravity Main	2026
FGS57	2.1,2.2	Gravity Main	2026
FGS58	2.1,2.2	Gravity Main	2026
FRM11-1	2.1,2.2	Rising Main	2026
FRM7	2.1,2.2	Rising Main	2026
SP01	2.1,2.2	Pump Station	2026
FPS07	2.1,2.2	Pump Station	2026
FPS08	2.1,2.2	Pump Station	2026
ST_SP01	2.1,2.2	Pump Station	2026
OT 50007	0.4.0.0	Storage	2000
ST_FPS07	2.1,2.2	Pump Station	2026
ST FPS08	2422	Storage	2026
31_FP300	2.1,2.2	Pump Station Storage	2026
NSP-CNN-0003	2.4	Rising Main	2026
NSP-CNN-0004	2.4	Pump Station	2026
NSP-CNN-0011	2.4	Pump Station	2026
		Storage	2020
NS-KRL-0003	2.3	Gravity Main	2026
NS-KRL-0004	2.3	Gravity Main	2026
NS-KRL-0005	2.3	Gravity Main	2026
NS-KRL-0006	2.3	Gravity Main	2026
NS-KRL-0007	2.3	Gravity Main	2026
NS-KRL-0008	2.3	Gravity Main	2026
NS-KRL-0009	2.3	Gravity Main	2026
NS-KRL-0010	2.3	Gravity Main	2026
NS-KRL-0011	2.3	Gravity Main	2026
NS-KRL-0014	2.3	Gravity Main	2026
NS-KRL-0015	2.3	Gravity Main	2026
NS-KRL-0016	2.3	Gravity Main	2026
NS-KRL-0017	2.3	Gravity Main	2026
NS-KRL-0018	2.3	Gravity Main	2026

Identification	Map reference	Future trunk infrastructure	Planned date of completion
NS-KRL-0019	2.3	Gravity Main	2026
NS-KRL-0020	2.3	Gravity Main	2026
NS-KRL-0026	2.3	Gravity Main	2026
NS-KRL-0027	2.3	Gravity Main	2026
NS-KRL-0028	2.3	Gravity Main	2026
Воо	nah Shire Pla	anning Scheme	
NSP-BNH-0001	2.1	Rising Main	2011
NSP-BNH-0002	2.1	Gravity Main	2012
NSP-ART-001	2.4	Gravity Main	2012
SP435- Elliot Road,	2.1	Pump Station	2014
Boonah		Storage	
SP437- Mt French	2.2	Pump Station	2014
Road, Dugandan		Storage	
SP438- Teviot	2.2	Pump Station	2014
Street, Boonah		Storage	
NSP-BNH-0003	2.2	Rising Main	2021
SP435- Elliot Road,	2.1	Pump Station	2021
Boonah		Storage	
SP437- Mt French	2.2	Pump Station	2021
Road, Dugandan		Storage	
SP439- Rathdowney	2.2	Pump Station	2021
Road, Dugandan		Storage	
NSP-ART-002	2.4	Gravity Main	2026
NSP-ART-003	2.4		2026
NSP-BNH-0004		Gravity Main	2026
SP436- Athol	2.1	Pump Station	2026
Terrace, Boonah		Storage	

Table 18 Transport Schedule of Works- Local Roads

Identific	cation	Мар	Future trunk	Planned
Road	Chainage	reference	infrastructure	date of
				completion
	Beaudese	rt Shire Plan	ning Scheme	
Kerry Road	8880-9605	3.2	Realignment/	2011
			upgrade	
Christmas	15508-	3.3	Realignment/	2011
Creek Road	16108		upgrade	
Kerry Road	8880-9605	3.2	Realignment/	2012
			upgrade	
Christmas	5060-6040	3.3	Realignment/	2012
Creek Road			upgrade	
Christmas	5060-6040	3.3	Realignment/	2013
Creek Road			upgrade	
Veresdale	1615-3385	3.1	Realignment/	2013
Scrub Road			upgrade	
Beechmont	8610-	3.5	Realignment/	2013
Road	10200		upgrade	
Beechmont	7975-8610	3.5	Realignment/	2013
Road			upgrade	
Widgee	0-830	3.3	Rehabilitation	2014
Creek Road				
Veresdale	1615-3385	3.1	Realignment/	2014
Scrub Road			upgrade	

Identific	ation	Мар	Future trunk	Planned
Road	Chainage	reference	infrastructure	date of
				completion
Kerry Road	3685-5520	3.2	Realignment/ upgrade	2014
New road		3.1	Acquisition	2014
(Gould Hill			and	
Road			construction of	
extension)			new major	
01.1.4	4.4050		collector road	2015
Christmas	14250-	3.3	Realignment/	2015
Creek Road	15508	2.0	upgrade	2015
Kerry Road	2440-3685	3.2	Realignment/ upgrade	2015
Kerry Road	2440-3685	3.2	Realignment/	2015
			upgrade	
Brookland	510-2040	3.1	Realignment/	2015
Road	2002 4772	0.5	upgrade	2012
Beechmont	3220-4770	3.5	Realignment/	2016
Road Parkhurst		3.1	upgrade Extension of	2046
Place		3.1	current road	2016
extension			Current road	
Carrigan		3.1	Extension of	2016
Way		0.1	current road	2010
extension			odiroin road	
New road in		3.1	Acquisition	2016
Prelate			and	
estate from			construction of	
Mt Lindesay			new major	
Highway to Fields Road			collector road	
(Prelate				
Drive)				
New road		3.5	Acquisition	2016
(Finch Road			and	
extension)			construction of	
			new major	
			collector road	
Beechmont	3220-4770	3.5	Realignment/	2017
Road	0.000	0.0	upgrade	0047
Brisbane Street	0-989	3.2	Realignment/	2017
Brookland	4820-5565	3.1	upgrade Realignment/	2017
Road	4020-0000	3.1	upgrade	2017
Brookland	3920-4820	3.1	Realignment/	2017
Road	0020 7020	0.1	upgrade	2017
McKee Street	180-328	3.2	Realignment/	2018
			upgrade	
Undullah	5025-5653	3.1	Realignment/	2018
Road			upgrade	
Veresdale	0-1810	3.1	Realignment/	2018
Scrub School			upgrade	
Road	10000		D :: ::	5515
Kerry Road	19696-	3.3	Realignment/	2018
Beechmont	20981 4770-6300	3.5	upgrade Realignment/	2019
Road	4110-0300	3.3	upgrade	2019
Noau	<u> </u>		upgraue	

Identific	ation	Мар	Future trunk	Planned
Road	Chainage	reference	infrastructure	date of completion
Kerry Road	19036- 19696	3.3	Realignment/ upgrade	2019
Veresdale Scrub School Road	0-1810	3.1	Realignment/ upgrade	2019
Kerry Road	21796- 22586	3.3	Realignment/ upgrade	2019
Josephville Road	0-1100	3.2	Rehabilitation	2019
Sandy Creek Road	5906-7203	3.2	Rehabilitation	2019
Kerry Road	0-1926	3.2	Realignment/ upgrade	2019
Kerry Road	17455- 18200	3.2	Realignment/ upgrade	2020
Christmas Creek Road	13050- 14250	3.3	Realignment/ upgrade	2020
Kerry Road	25046- 26231	3.3	Realignment/ upgrade	2020
Beechmont Road	11900- 12300	3.5	Realignment/ upgrade	2021
Kerry Road	26231- 28020	3.3	Realignment/ upgrade	2021
Allan Creek Road	1180-1850	3.1	Realignment/ upgrade	2021
Brookland Road	2040-3640	3.1	Realignment/ upgrade	2021
New road, Tubber Street to Enterprise Drive extension (Tina Street extension)		3.2	Acquisition and construction of new sub arterial road	2021
Sandy Creek Road	7203-8393	3.2	Rehabilitation	2022
Darlington Connection Road	0-2120	3.3	Realignment/ upgrade	2022
Brookland Road	5565-6565	3.1	Realignment/ upgrade	2023
Brookland Road	2040-3640	3.1	Realignment/ upgrade	2023
Brookland Road	3640-3920	3.1	Realignment/ upgrade	2024
Christmas Creek Road	9560- 11165	3.3	Realignment/ upgrade	2024
Veresdale Scrub Road	4635-6455	3.1	Realignment/ upgrade	2025
Kerry Road	7311-8880	3.2	Realignment/ upgrade	2025
Kooralbyn Road	3855-5040	3.3	Realignment/ upgrade	2026

Identific	ation	Мар	Future trunk	Planned
Road	Chainage	reference	infrastructure	date of completion
New road,		3.2	Acquisition	2026
Enterprise			and	
Drive to Tina			construction of	
Street			new road	
extension				
(Enterprise				
Drive				
extension)	0.1100		5 "	2222
Tina St	0-1100	3.2	Realignment/	2026
	lpowi	ch Planning	upgrade	
Kalbar-Peak	14700-	ch Planning 2.0	Realignment/	2011
Crossing	16040	2.0	upgrade	2011
Road	10040		upgrade	
Mutdapilly-	75-1060	2.0	Realignment/	2015
Churchbank	75 1000	2.0	upgrade	2010
Weir Road			apgrado	
Mutdapilly-	75-1060	2.0	Realignment/	2016
Churchbank			upgrade	
Weir Road			1, 3	
Peak	1200-4890	2.0	Realignment/	2022
Crossing-			upgrade	
Churchbank			. •	
Weir Road				
Mutdapilly-	75-4300	2.0	Realignment/	2023
Churchbank			upgrade	
Weir Road				
Harra Danal		Shire Planni		0040
Hoya Road	1310-2075	3.0	Realignment/	2012
Hove Dood	2075-2845	3.0	upgrade Realignment/	2013
Hoya Road	2075-2045	3.0	upgrade	2013
Hoya Road	2845-3905	3.0	Realignment/	2014
Tioya Road	2043-3303	3.0	upgrade	2014
Roadvale	0-1042	3.0	Realignment/	2014
Road	0 10 12	0.0	upgrade	2011
Tarome	3960-5180	3.0	Realignment/	2015
Road			upgrade	
Edward	0-580	3.0	Realignment/	2015
Street			upgrade	
Burnett	0-4840	3.0	Realignment/	2015
Creek Road			upgrade	
Hoya Road	3905-5100	3.0	Realignment/	2016
			upgrade	
Burnett	0-4850	3.0	Realignment/	2016
Creek Road			upgrade	
Munbilla	5450-6320	3.0	Realignment/	2017
Road	4000 5500	2.5	upgrade	00.4=
Munbilla	4000-5500	3.0	Realignment/	2017
Road	40070	2.0	upgrade	0040
Munbilla	12070-	3.0	Realignment/	2018
Road	13120	2.0	upgrade	2010
Hoya Road	5550-6000	3.0	Realignment/ upgrade	2018
Roadvale	2100-3250	3.0	Realignment/	2018
Noauval e	Z 100-3230	3.0	ixealigninent/	2010

Identific	cation	Мар	Future trunk	Planned
Road	Chainage	reference	infrastructure	date of
				completion
Road			upgrade	
Ganthorpe	2100-3700	3.0	Realignment/	2020
Road			upgrade	
Charlwood	200-1630	3.0	Realignment/	2020
Road			upgrade	
Head Road	7300-	3.0	Rehabilitation	2020
	11375			
Ganthorpe	2100-3700	3.0	Realignment/	2021
Road			upgrade	
Charlwood	200-1630	3.0	Realignment/	2021
Road			upgrade	
Tarome	23205-	3.0	Realignment/	2021
Road	25500		upgrade	
Head Road	7300-	3.0	Rehabilitation	2021
	11375			
Munbilla	4000-5500	3.0	Realignment/	2022
Road			upgrade	
Tarome	3960-5180	3.0	Realignment/	2022
Road			upgrade	
Roadvale	3250-4140	3.0	Realignment/	2022
Road			upgrade	
Roadvale	3250-4140	3.0	Rehabilitation	2023
Road				
Munbilla	6790-7290	3.0	Realignment/	2023
Road			upgrade	
Tarome	23205-	3.0	Realignment/	2023
Road	25500		upgrade	
Munbilla	3875-5450	3.0	Realignment/	2024
Road			upgrade	
Tarome	0-1460	3.0	Realignment/	2024
Road			upgrade	
Munbilla	7460-9000	3.0	Realignment/	2025
Road			upgrade	
Tarome	7345-9065	3.0	Realignment/	2025
Road			upgrade	
Munbilla	13120-	3.0	Realignment/	2026
Road	14700	_	upgrade	
Tarome	5180-7460	3.0	Realignment/	2026
Road			upgrade	

Table 19
Transport Schedule of Works - Footpaths

Identification Footpath	Map reference	Future trunk infrastructure	Planned date of completion
Beaudese	rt Shire Plan	ning Scheme	
Christie Street	N/A	Footpath	2012
Mt Lindesay Highway	N/A	Footpath	2012
Mt Lindesay Highway	N/A	Footpath	2013
Mt Lindesay Highway	N/A	Footpath	2014
Telemon Street	N/A	Footpath	2015
My Lindesay Highway	N/A	Footpath	2016
Alpine Terrace	N/A	Footpath	2019
Beechmont Road	N/A	Bikeway	2020

Beechmont Road	N/A	Bikeway	2021
Long Road	N/A	Footpath	2022
Long Road	N/A	Footpath	2026
Tina Street	N/A	Bikeway	2026
Ipswi	ch Planning	Scheme	
Hall Street	N/A	Footpath	2014
Boon	ah Planning	Scheme	
High Street	N/A	Footpath	2015
High Street	N/A	Footpath	2016
High Street	N/A	Footpath	2017
High Street	N/A	Footpath	2018
Boonah/Ipswich Road	N/A	Footpath	2021
Hoya Road	N/A	Footpath	2023
Hoya Road	N/A	Footpath	2026

Table 20 Open Space Schedule of Works

Identification		Map refere	Future trunk infrastructure	Planned date of
		nce		completion
Be	audesert S	hire Plann	ing Scheme	·
Jubilee Park	B100	4.2	Embellishment	2011
Middle Park	R101	4.5	Embellishment	2011
Rathdowney	R102	4.4	Embellishment	2011
Memorial Park				
Botanical Gardens	T103	4.6	Embellishment	2012
Middle Park	R101	4.5	Embellishment	2012
Staffsmith park	T104	4.6	Embellishment	2012
Dick Westerman	B105	4.1	Embellishment	2012
Jubilee Park	B100	4.2	Embellishment	2012
Lions Park, Canungra	C106	4.8	Embellishment	2012
Youngman Family	T107	4.6	Embellishment	2012
Park				
Lions Bicentennial	B108	4.2	Embellishment	2012
Park, Beaudesert				
Middle Park	R101	4.5	Embellishment	2013
Jubilee Park	B100	4.2	Embellishment	2013
New district sports	K109	4.3	Acquisition/	2013
park, Kooralbyn.			embellishment	
Rosser Park	T110	4.7	Embellishment	2014
Jubilee Park	B100	4.2	Embellishment	2014
New district	C111	4.8	Acquisition	2015
recreation/ sports				
park, Canungra				
Selwyn Park	B112	4.2	Embellishment	2015
New Tamborine Mt	T113	4.6	Planning	2015
cemetery				
Boomerang Lagoon	K114	4.3	Embellishment	2016
New Tamborine Mt	T113	4.6	Acquisition	2016
cemetery				
New district	C111	4.8	Earthworks	2016
recreation/ sports				
park, Canungra	D445	4.5	Δ ' '.'. '	204=
New district sports	B115	4.2	Acquisition of	2017
park, Spring Creek			land	
corridor south,				
Beaudesert				

Identification		Map	Future trunk	Planned
		refere nce	infrastructure	date of completion
New district sports	B116	4.2	Acquisition of	2017
park, Central	Billo	7.2	land	2017
Beaudesert Rosser Park	T110	17	Embellishment	2017
Staffsmith Park	T104	4.7	Embellishment	2017
New Tamborine Mt	T113	4.6 4.6	Earthworks	2017 2017
cemetery	1113	4.0	Earthworks	2017
New district	C111	4.8	Embellishment	2017
recreation/ sports		1.0	Linbollorinorit	2017
park, Canungra				
New district sports	B115	4.2	Earthworks	2018
park, Spring Creek				
corridor south				
Beaudesert				
New district sports	B116	4.2	Earthworks	2018
park, Central				
Beaudesert				2212
New district	B117	4.2	Acquisition of	2018
recreation park,			land	
Spring Creek corridor				
north Beaudesert.	B115	4.2	Embellishment	2019
New district sports	ВПЭ	4.2	Embellishment	2019
park, Spring Creek corridor south,				
Beaudesert				
New district sports	B116	4.2	Embellishment	2019
park, Central	5110	1.2	Linbollorinorit	2010
Beaudesert				
New district	B117	4.2	Earthworks	2019
recreation park,				
Spring Creek corridor				
north, Beaudesert.				
New regional	B118	4.2	Earthworks	2019
recreation park,				
Central Beaudesert	D400	4.0	Finale alliale va avet	2040
Jubilee Park	B100 B112	4.2	Embellishment Embellishment	2019
Selwyn Park Central Place,	B112		Embellishment	2019
Beaudesert	БПЭ	4.2	Embellishment	2019
Nth Tamborine Sports	T120	4.6	Embellishment	2019
Park	1120	7.0	Linbolistinicit	2013
New district	B117	4.2	Embellishment	2020
recreation park,			2111001110111	2020
Spring Creek corridor				
north, Beaudesert				
New regional	B118	4.2	Embellishment	2020
recreation park,				
Central Beaudesert				
Moriarty Park	C121	4.8	Embellishment	2020
Everdell Park	R122	4.1	Embellishment	2020
New district youth	B123	4.2	Acquisition of	2021
facility, Spring Creek			land	
corridor south,				
Beaudesert	B123	4.2	Earthworks	2022
New district youth	ום	4.2	⊏aitiiwoiks	2023

Identification		Map refere nce	Future trunk infrastructure	Planned date of completion
facility, Spring Creek corridor south, Beaudesert				•
New public pool, Spring Creek corridor south, Beaudesert	B124	4.2	Acquisition of land	2026
New multi purpose centre, Central Beaudesert	B125	4.2	Acquisition of land	2026
New district sports park, Spring Creek corridor central, Beaudesert	B126	4.2	Acquisition of land	2026
New regional sports park, Spring Creek corridor south, Beaudesert	B127	4.2	Acquisition of land	2026
New district sports/ recreation park, Waters Creek, Beaudesert	B128	4.1	Acquisition of land	2026
	Ipswich F	Planning S	Scheme	
Peak Mountain View Park, Peak Crossing	P100	3.2	Embellishment	2012
Peak Mountain View Park, Peak Crossing	P100	3.2	Embellishment	2013
Harrisville Memorial Park	H101	3.1	Embellishment	2013
Peak Mountain View Park, Peak Crossing	P100	3.2	Embellishment	2014
Peak Mountain View Park, Peak Crossing	P100	3.2	Embellishment	2016
Peak Mountain View Park, Peak Crossing	P100	3.2	Embellishment	2018
New district sports park, Hayes Park, Hayes Park, Harrisville	H102	3.1	Acquisition of land	2021
	Boonah Shii	re Plannin		
Toby Slatter Park, Boonah	B100	4.2	Embellishment	2012
Kalbar Civic Centre Park, Kalbar	K101	4.3	Embellishment	2012
Springleigh Park, Boonah	B102	4.1	Embellishment	2012
Bicentennial Park, Boonah	B103	4.1	Embellishment	2012
Bicentennial Park, Boonah	B103	4.1	Embellishment	2012
Coronation Park, Boonah	B104	4.1	Embellishment	2012
Coronation Park, Boonah	B104	4.1	Embellishment	2012
Moffatt Park, Aratula Coronation Park, Boonah	A105 B104	4.4	Embellishment Embellishment	2012 2013

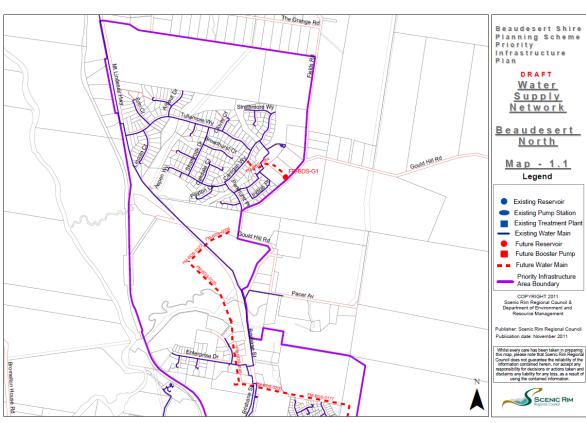
Identificatio	n	Map refere nce	Future trunk infrastructure	Planned date of completion
Springleigh Park, Boonah	B102	4.1	Embellishment	2013
Coronation Park, Boonah	B104	4.1	Embellishment	2014
Springleigh Park, Boonah	B102	4.1	Embellishment	2014
Coronation Park, Boonah	B104	4.1	Embellishment	2017
Coronation Park, Boonah	B104	4.1	Embellishment	2018
Coronation Park, Boonah	B104	4.1	Embellishment	2018
Kalbar Civic Centre Park, Kalbar	K101	4.3	Embellishment	2019
New District Sports Park, Kalbar	K106	4.3	Acquisition of land	2021
New District Sports Park, Kalbar	K106	4.3	Earthworks	2022
New District Sports Park, Kalbar	K106	4.3	Embellishment	2024

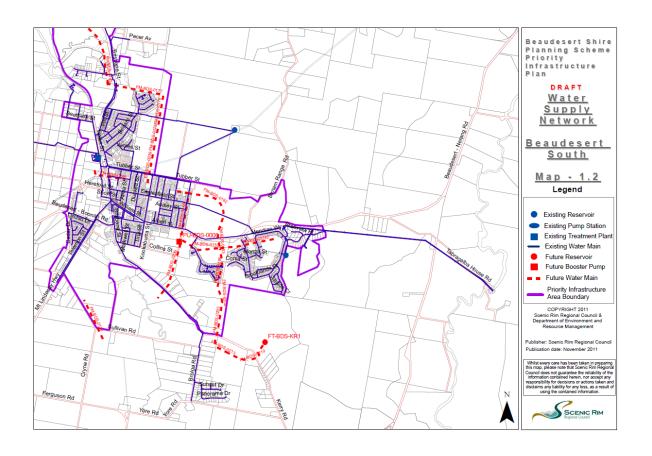
Table 21 Stormwater Network Schedule of Works

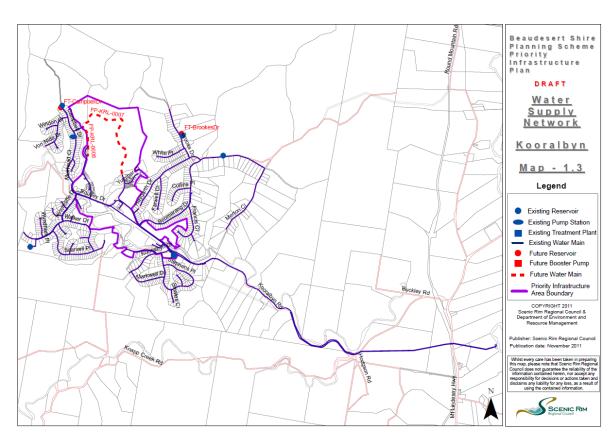
Identification	Map reference	Future trunk infrastructure	Planned date of
	TOTOTOTIO	iiiiasiiaotaic	completion
Beau	desert Shire F	Planning Scheme	-
C29	5.0	Culvert	2012
		augmentation	
BR5	5.0	Acquisition of	2012
		land for bio-	
		retention basin	
BR8	5.0	Acquisition of	2012
		land for bio-	
		retention basin	
BR9	5.0	Acquisition of	2012
		land for bio-	
		retention basin	
BR2	5.0	Acquisition of	2012
		land for bio-	
		retention basin	
BR5	5.0	Construct bio-	2016
		retention basin	
BR8	5.0	Construct bio-	2016
		retention basin	22.12
BR9	5.0	Construct bio-	2016
		retention basin	
C16	5.0	Culvert	2017
0.15		augmentation	20:5
C15	5.0	Culvert	2019
		augmentation	2051
C22	5.0	Culvert	2021
		augmentation	

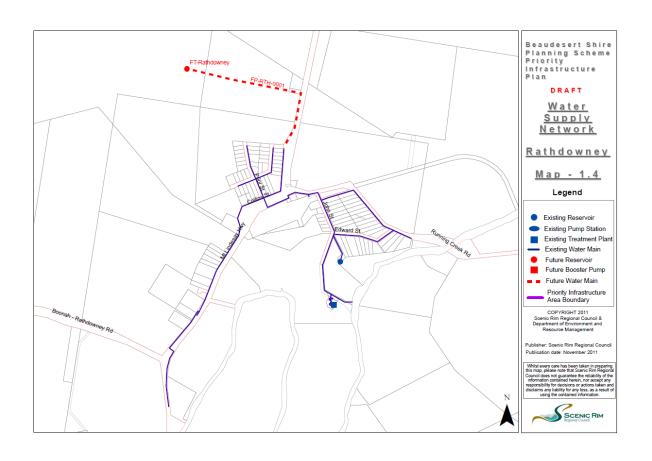
Identification	Map reference	Future trunk infrastructure	Planned date of completion
C23	5.0	Culvert augmentation	2021
C20	5.0	Culvert augmentation	2021
BR4	5.0	Acquisition of land for bio-retention basin	2022
BR3	5.0	Acquisition of land for bio-retention basin	2022
DBN	5.0	Acquisition of land for detention basin	2022
DBS	5.0	Acquisition of land for detention basin	2022
l)	oswich Plann	ing Scheme	
Mutdapilly- Churchbank Weir Rd	N/A	Culvert augmentation	2012
Mutdapilly- Churchbank Weir Rd	N/A	Culvert augmentation	2013
	Boonah Plann		
Springleigh Park	N/A	Drainage reconstruction	2014
Springleigh Park	N/A	Drainage reconstruction	2016
Mt Walker West Road	N/A	Culvert augmentation	2020

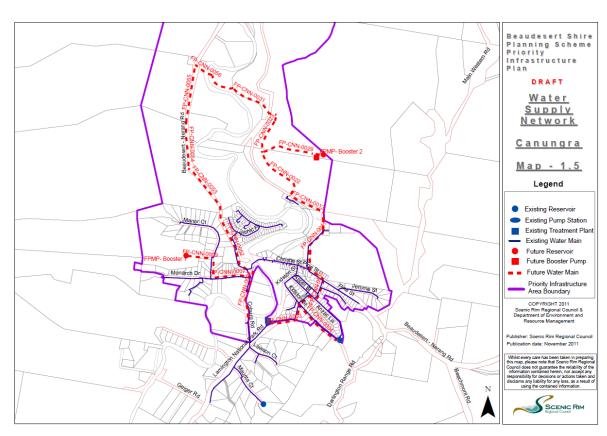
O) Plans for trunk infrastructure – Water Network

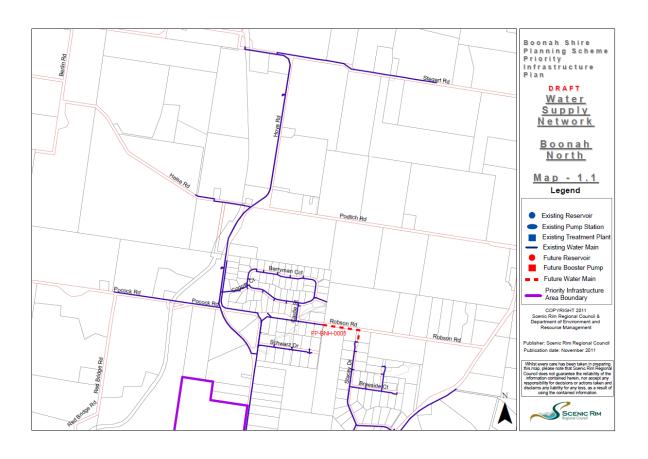


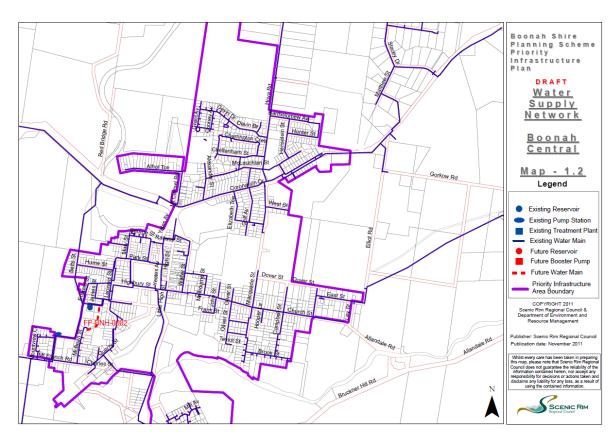


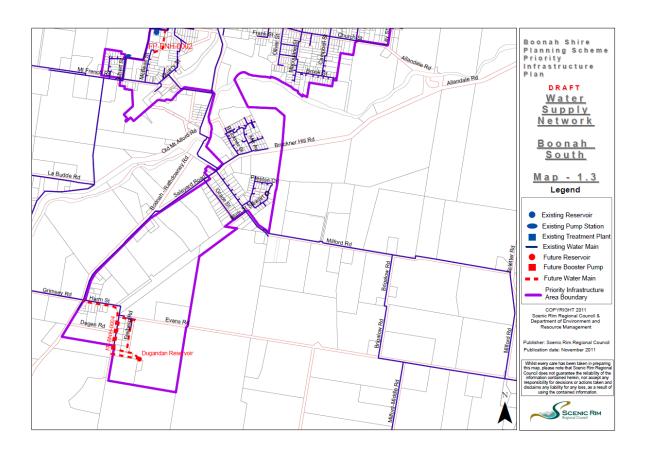


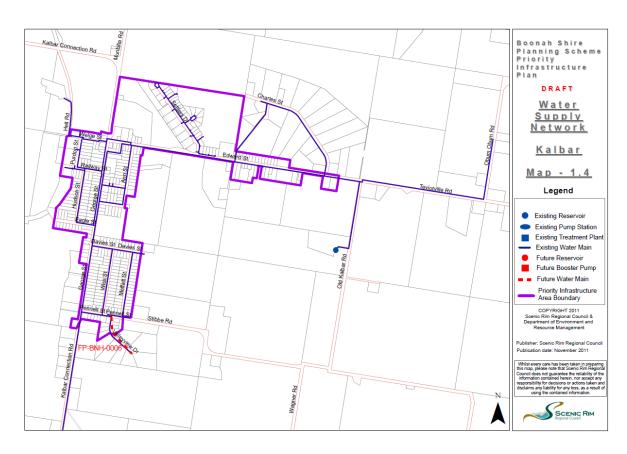


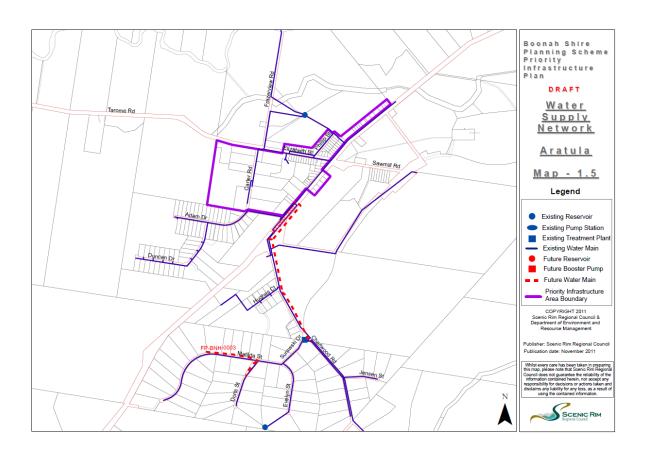


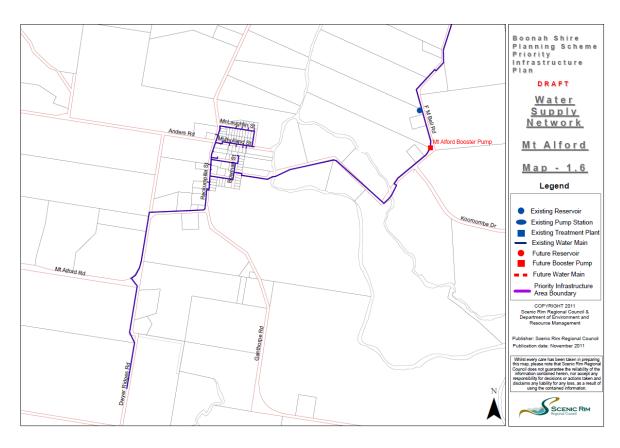


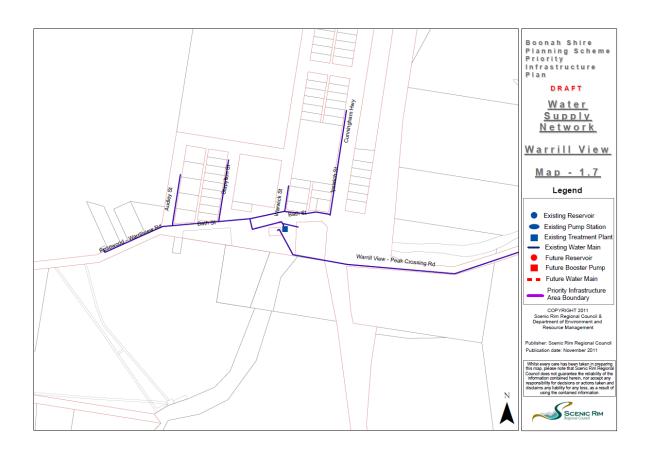


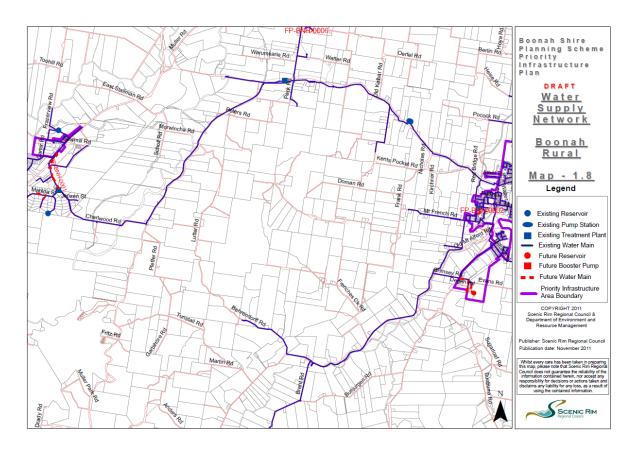


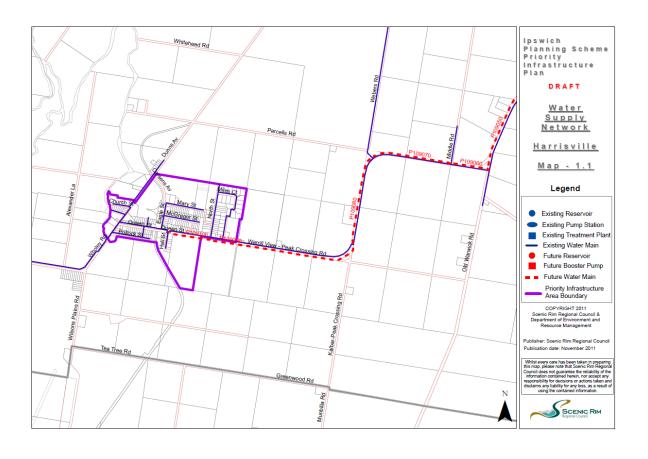


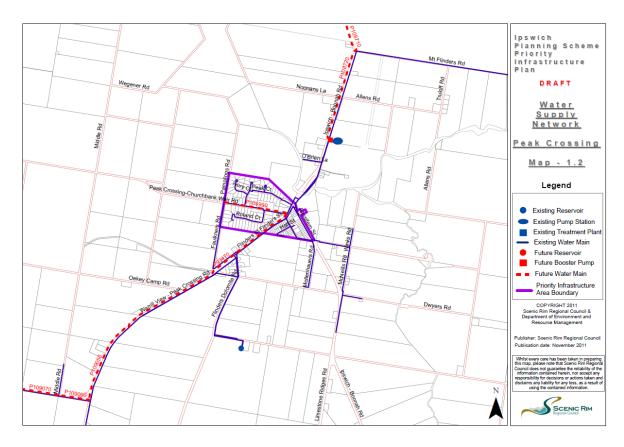




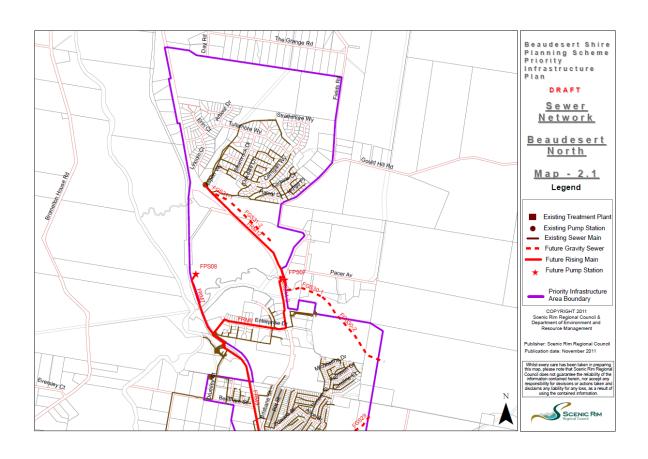


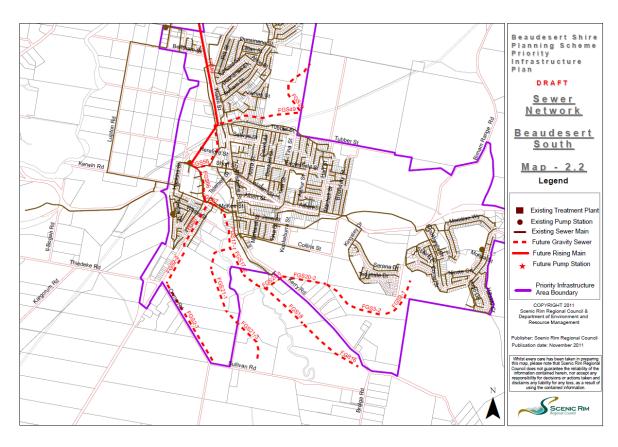


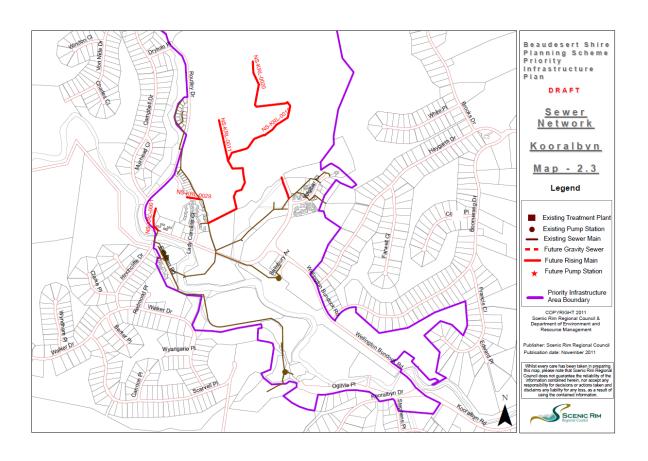


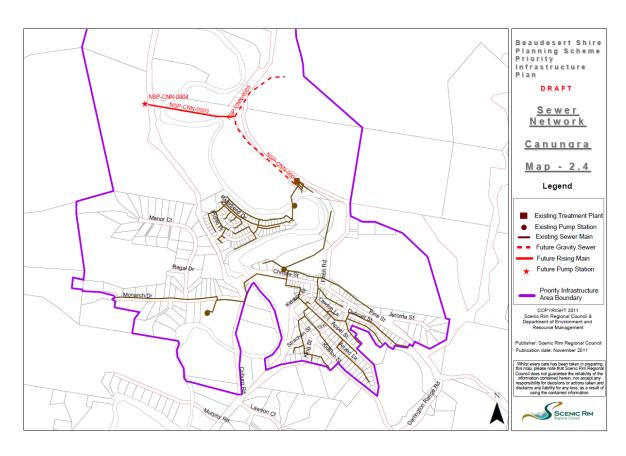


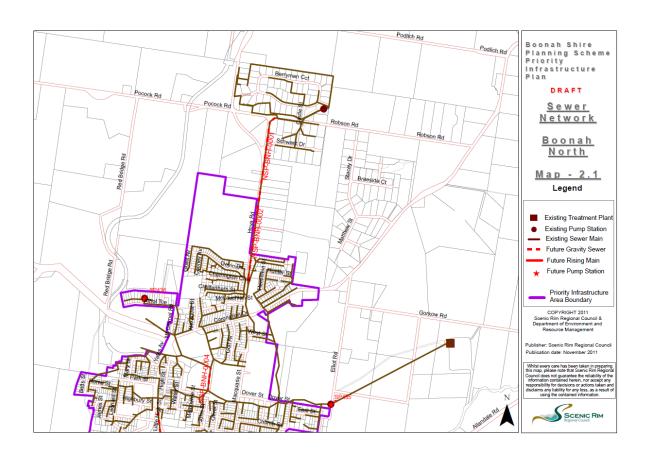
P) Plans for Trunk Infrastructure - Sewer Network

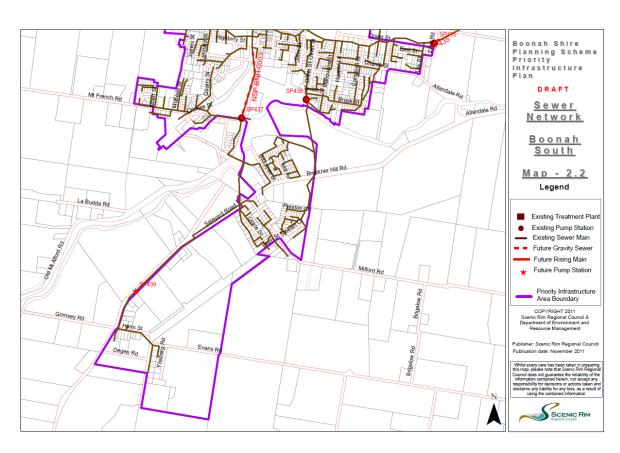


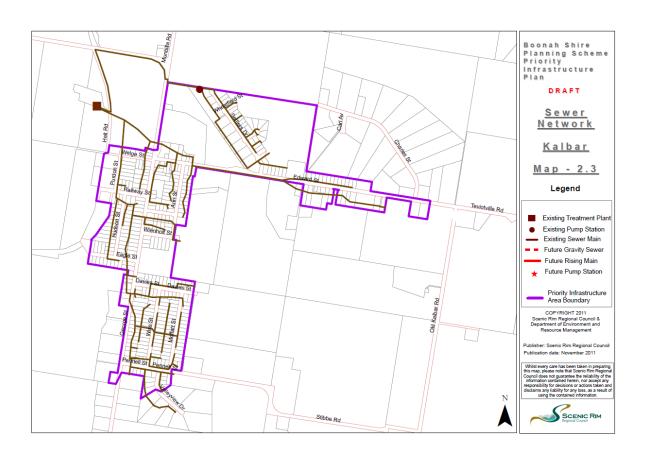


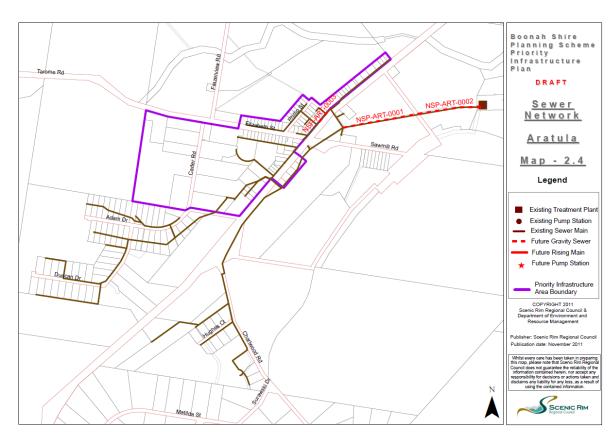




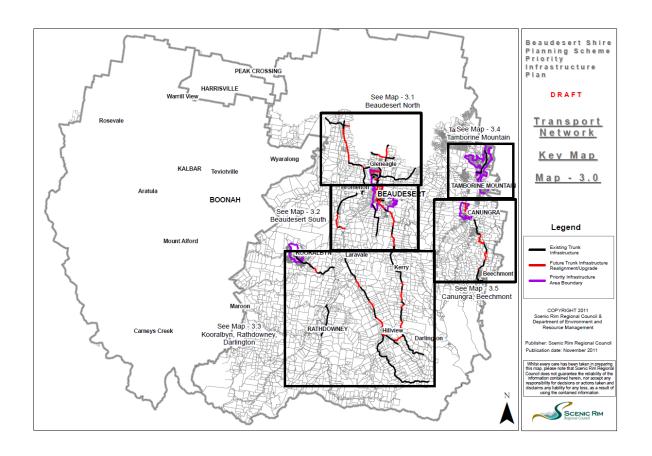


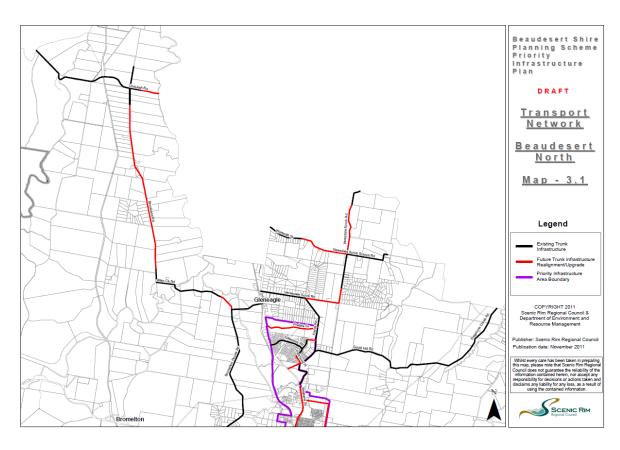


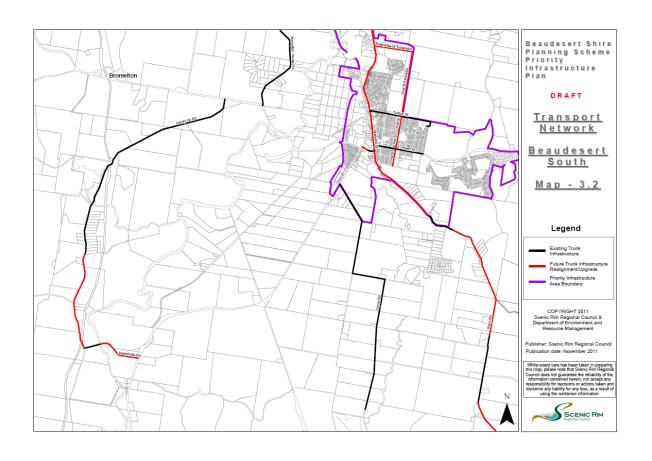


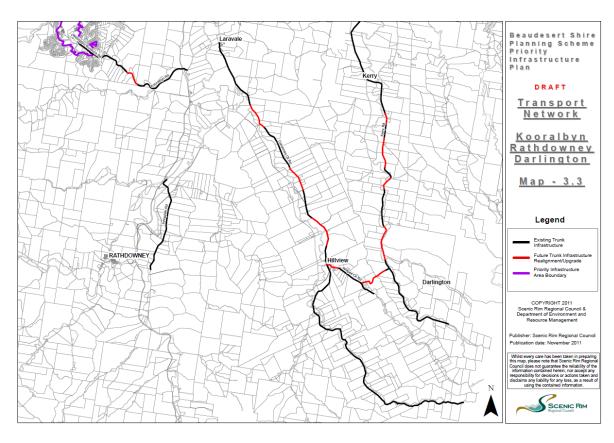


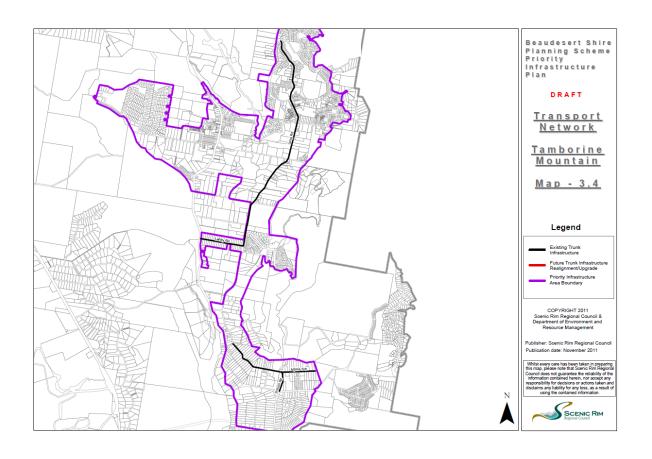
Q) Plans for Trunk Infrastructure – Transport Network

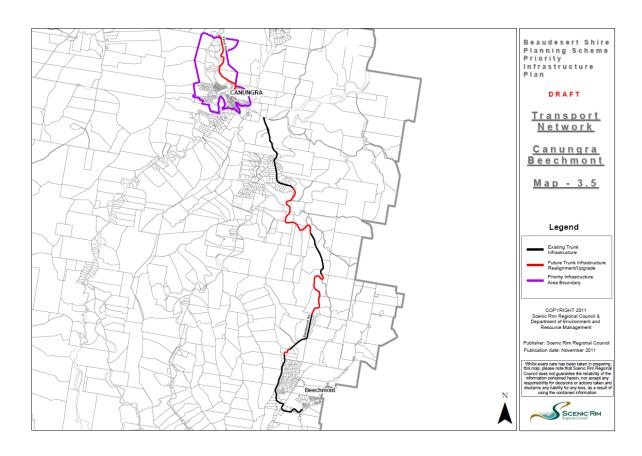


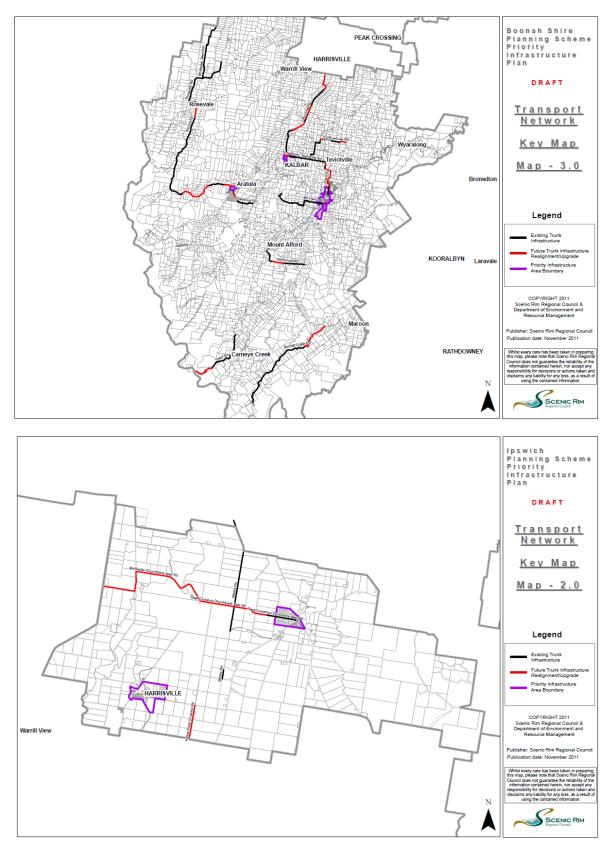




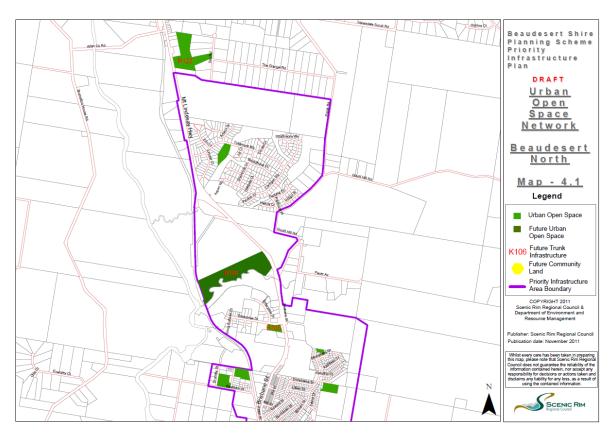


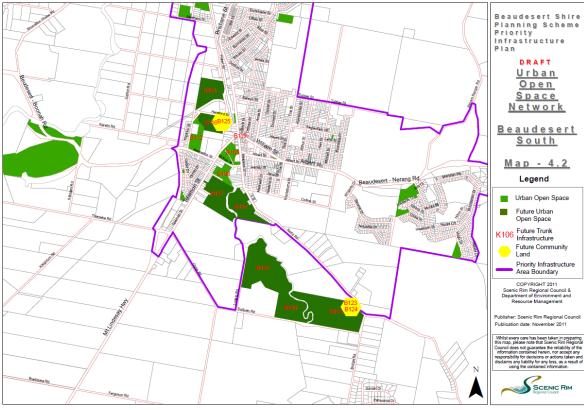


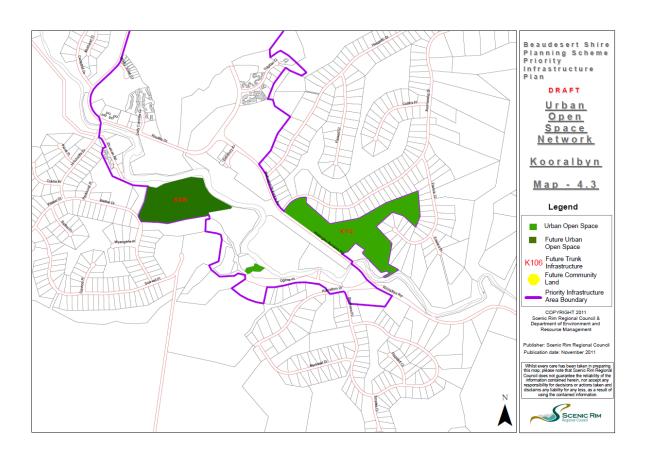




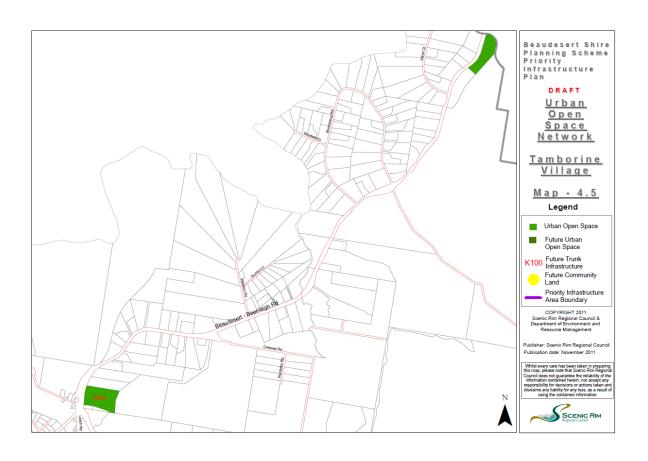
R) Plans for Trunk Infrastructure - Open Space Network

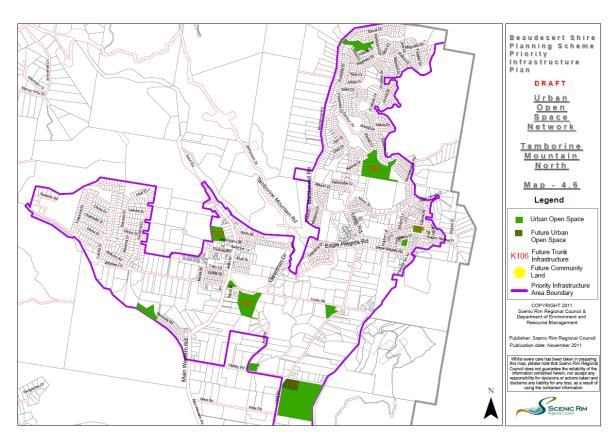


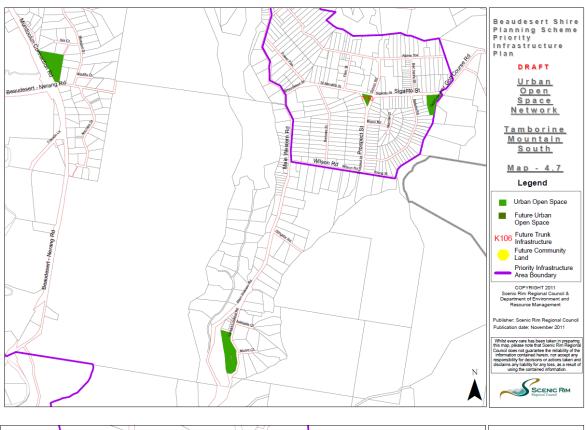


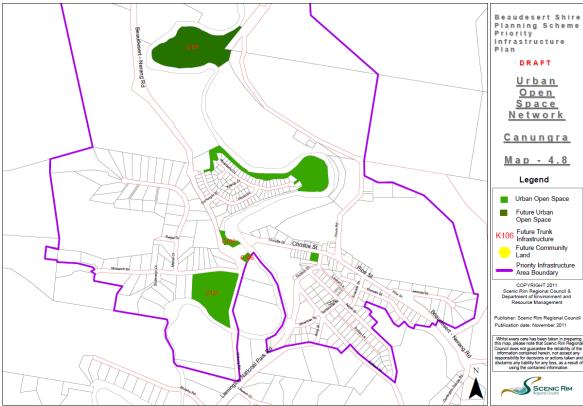


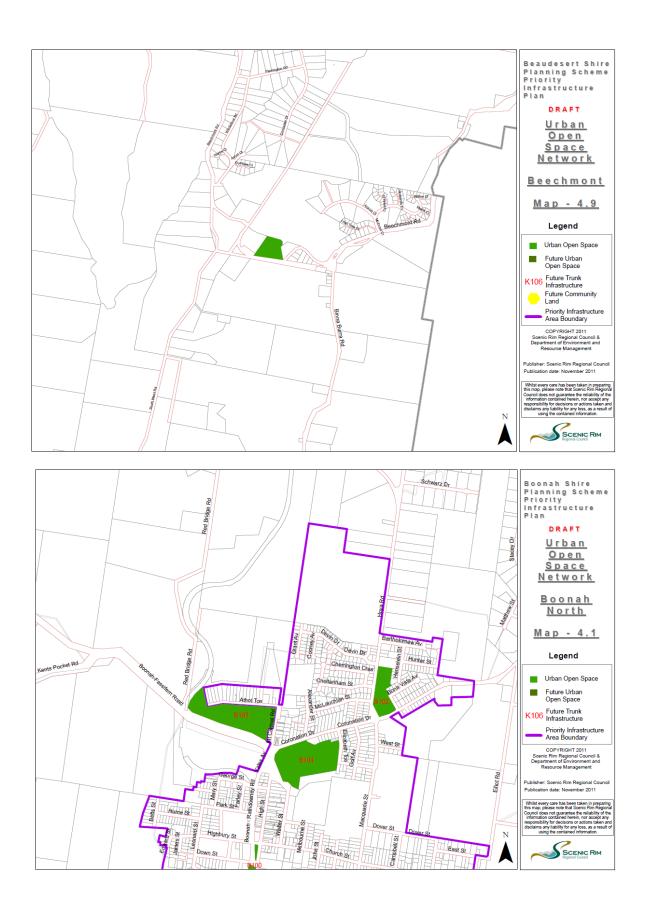


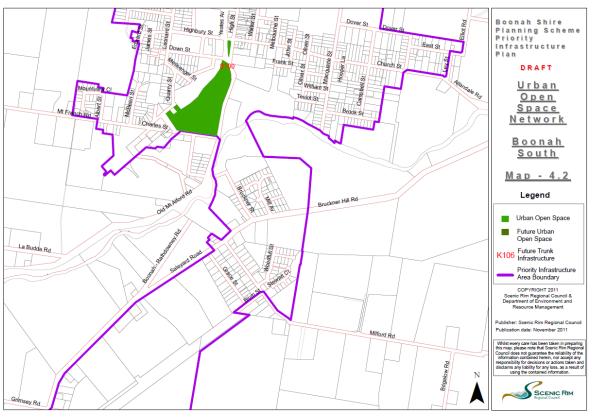


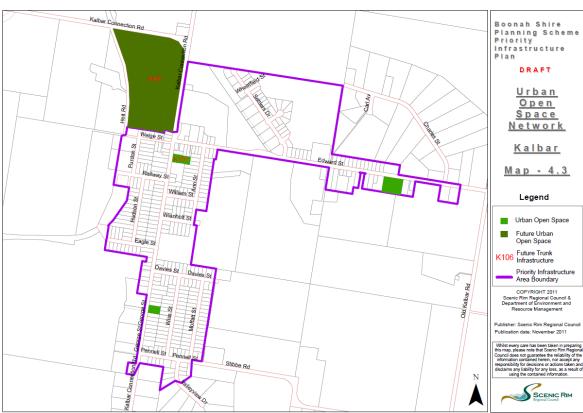




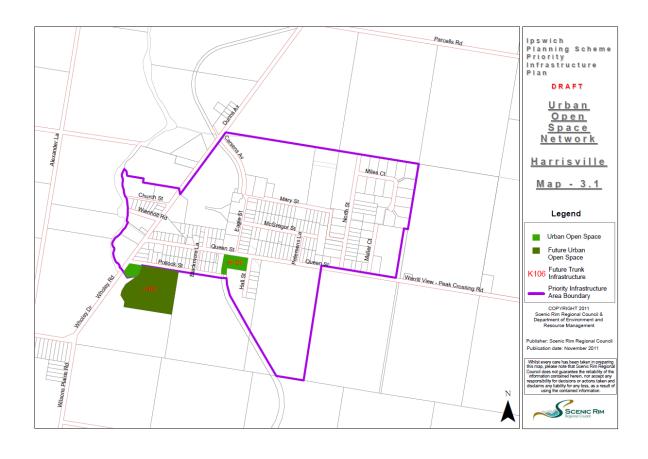


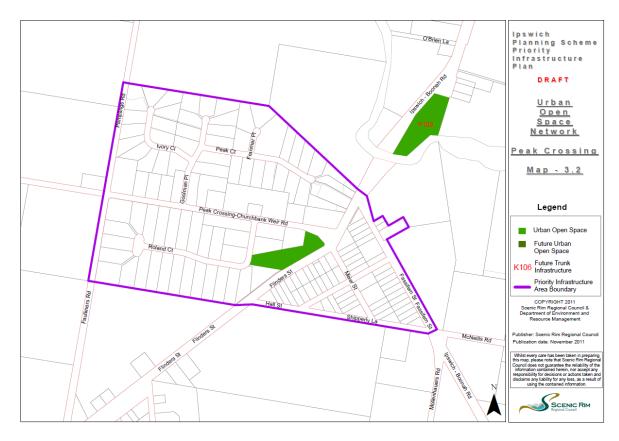




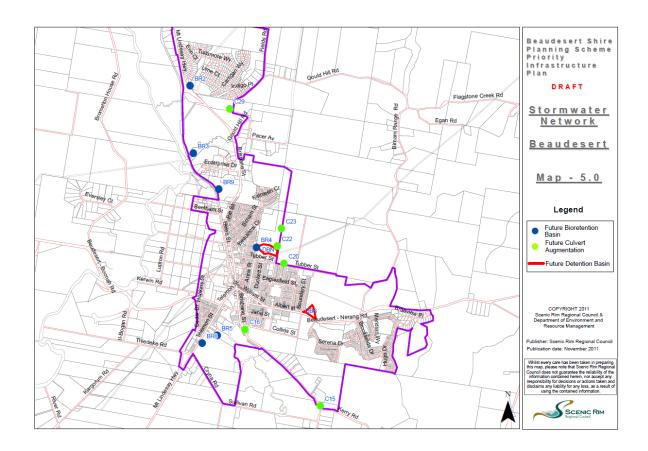








S) Plans for Trunk Infrastructure – Stormwater Network



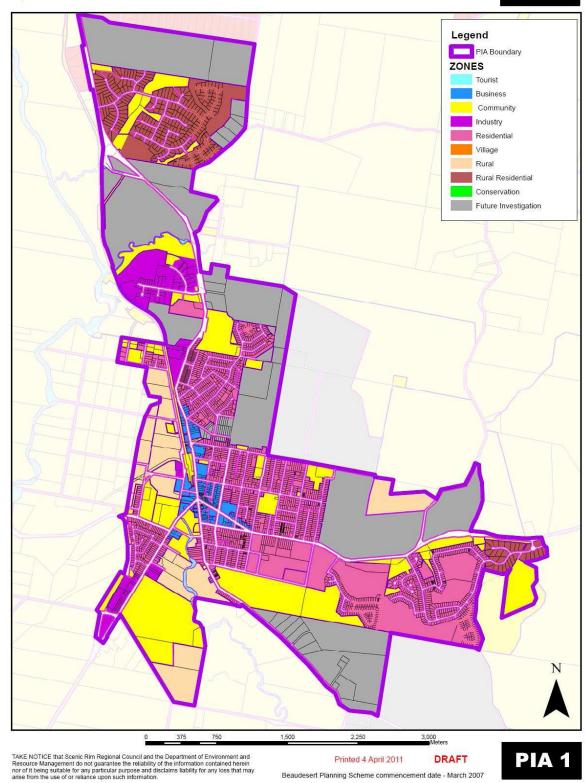
T) Priority Infrastructure Areas

Council's adopted priority infrastructure areas as detailed in the State Planning Regulatory Provision.



PIA - BEAUDESERT

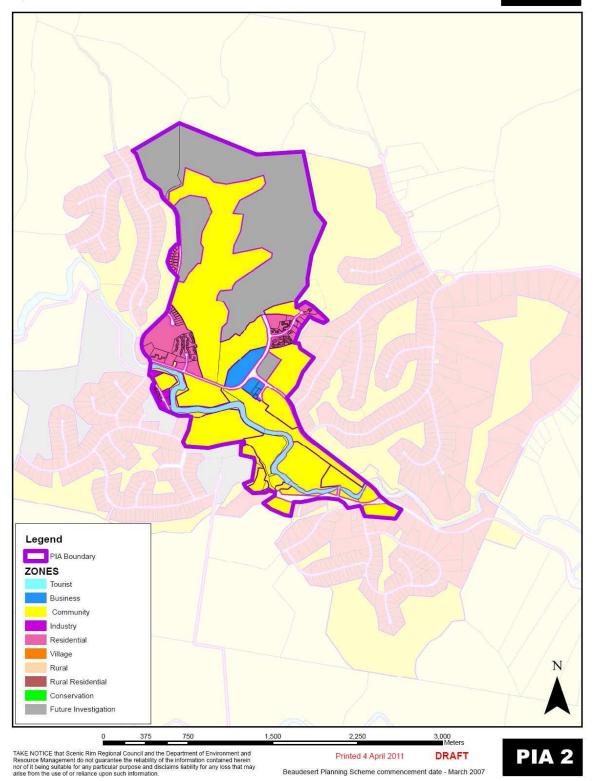
PIA 1





PIA - KOORALBYN

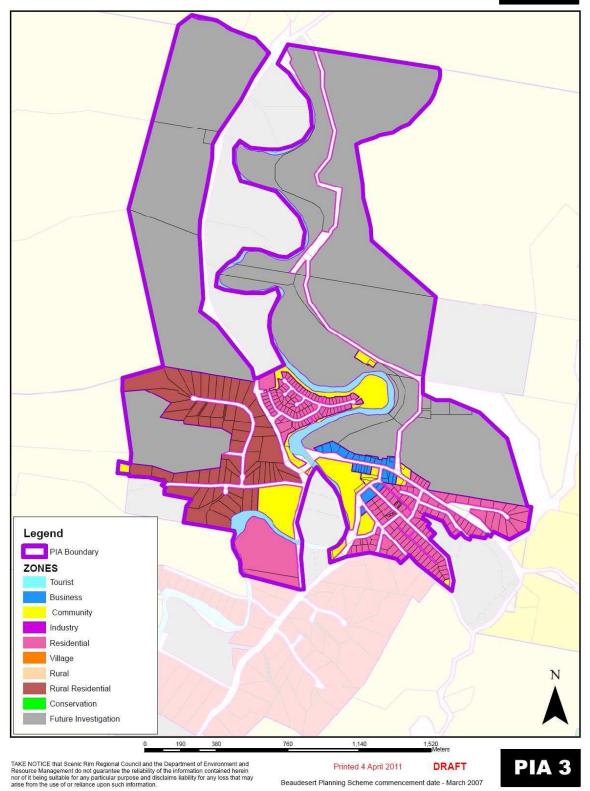
PIA 2





PIA - CANUNGRA

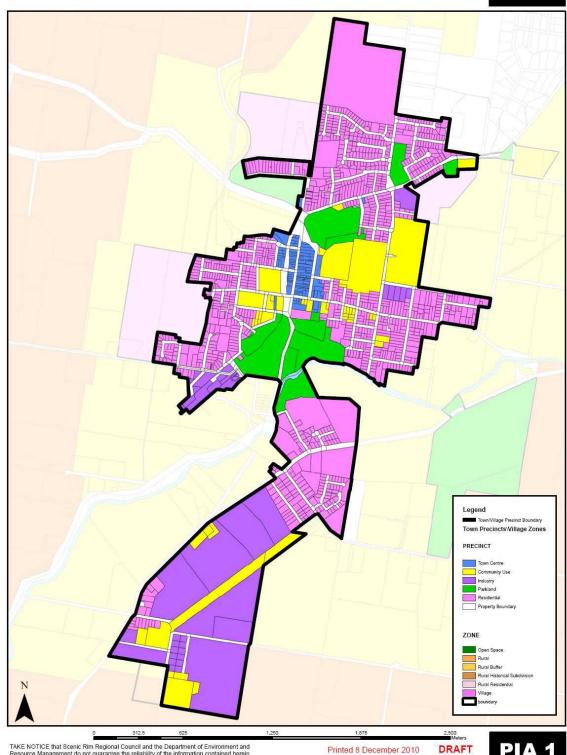
PIA 3



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PIA - BOONAH



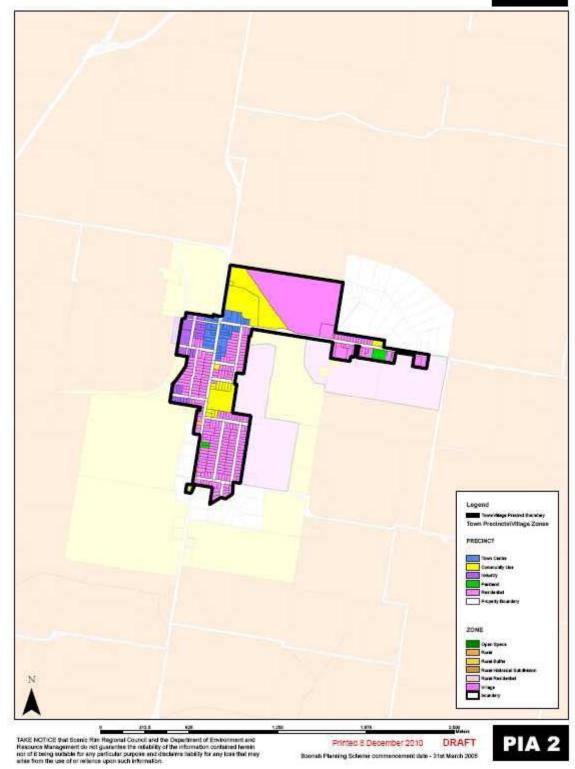
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PIA - KALBAR



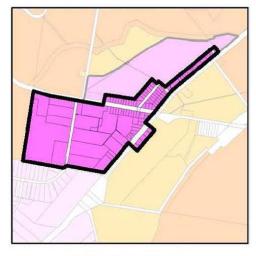




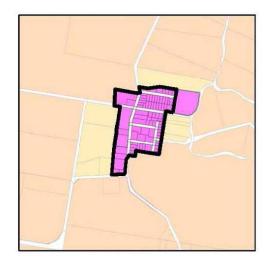
PIA -

PIA 3

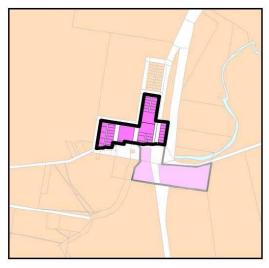
ARATULA, MT ALFORD, WARRILL VIEW



ARATULA



MT ALFORD



WARRILL VIEW





0 250 500 1,000 1,500 2,000 Meters

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DRAFT

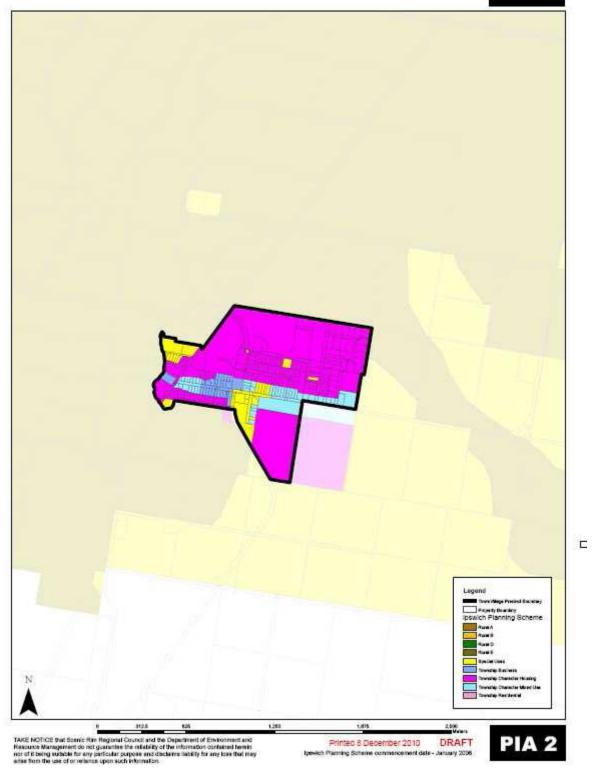
Boonah Planning Scheme commencement date - 31st March 2006





PIA - HARRISVILLE



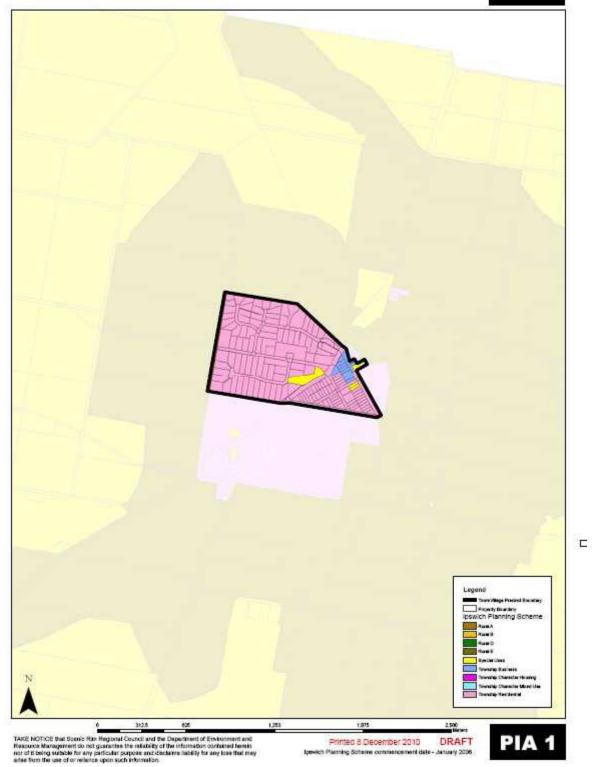


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PIA - PEAK CROSSING





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