

## ADOPTED INFRASTRUCTURE CHARGES RESOLUTION FOR THAT PART OF COUNCIL'S LOCAL GOVERNMENT AREA COVERED BY *Pine Rivers Plan*

1. This resolution applies to that part of the Moreton Bay Regional Council local government area covered by *PineRiversPlan*.

To remove any doubt, it is declared that this resolution does not form part of *PineRiversPlan* or any of the other planning schemes for the Moreton Bay Regional Council local government area.

2. This resolution has effect on, and from, the day that the *Draft State Planning Regulatory Provision (adopted charges)* comes into effect.

3. This resolution adopts an infrastructure charge for various forms of development and, in each case, that charge is less than the maximum adopted charge prescribed in *State planning regulatory provision (adopted charges)* for that form of development.

To enable the adopted infrastructure charges schedule appearing in Table 2 of the *State planning regulatory provision (adopted charges)* to be applied to the “use types” set out in *PineRiversPlan*, Table 1 of this resolution identifies the corresponding “use types” for each of the classes of development appearing in Table 2 of the *State planning regulatory provision (adopted charges)*.

**Table 1 – Corresponding “Use Types” for the Classes of Development to Which Adopted Infrastructure Charges may be Applied**

| <b><i>PineRiversPlan</i> “Use Types”</b>  | <b>Classes of development identified in Table 2 of the <i>State planning regulatory provision (adopted charges)</i></b> |
|---|---|
| Associated Unit,<br>Detached House,<br>Duplex Dwelling,<br>High Density Multiple Dwelling Units,<br>Infill Housing,<br>Low Density Multiple Dwelling Units,<br>Medium Density Multiple Dwelling Units | Residential   |
| Accommodation Units,<br>Bed and Breakfast Accommodation,<br>Camping Grounds,<br>Caravan/Transportable Home Park (where  | Accommodation (short term)  |



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| predominantly caravan sites),<br>Hotel (residential component),<br>Motel,<br>Tourist Cabins  |  |
| Caravan/Transportable Home Park (where<br>predominantly transportable home sites),<br>Caretaker's Residence,<br>Pensioner Units,<br>Retirement Village | Accommodation (long term)              |
| Community Facilities,<br>Funeral Parlour,<br>Place of Worship  | Places of Assembly                     |
| Bulk Garden Supplies,<br>Hardware Shop,<br>Outdoor Sales,<br>Retail Nursery,<br>Showroom,<br>Vehicle Sales   | Commercial (bulk goods)                |
| Adult Product Shop,<br>Commercial Services,<br>Fast Food Delivery Service,<br>Food Outlet,<br>Service Station,<br>Shop                                 | Commercial (retail)                    |
| Display Home,<br>Estate Sales Office,<br>Office  | Commercial (office)                    |
| Child Care Centre,<br>Educational Establishment  | Education Facility                     |
| Hotel (non-residential component),<br>Nightclub  | Entertainment                          |
| Indoor entertainment and Sport   | Indoor Sport and Recreational Facility |
| General industry,<br>Rural Industry,<br>Service Industry,<br>Warehouse   | Industry                               |



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|--|----------------------|
| Concrete Batching Plant,<br>Hazardous and Offensive Industry,<br>Salvage Yard  | High Impact Industry |
| Agriculture,<br>Animal Accommodation,<br>Dairy,<br>Farm Forestry,<br>Non Intensive Animal Husbandry  | Low Impact Rural     |
| Intensive Animal Husbandry   | High Impact Rural    |
| Hospital,<br>Institution,<br>Veterinary Clinic,<br>Veterinary Hospital   | Essential Services   |
| Airstrip,<br>Aquaculture,<br>Car Depot,<br>Car Park,<br>Cattery,<br>Cemetery,<br>Contractor's Depot,<br>Crematorium,<br>Extractive Industry,<br>Kennels,<br>Local Utilities,<br>Market,<br>Motor Sport,<br>Outdoor Recreation,<br>Passenger Terminal,<br>Public Utilities,<br>Shooting,<br>Simulated Conflict,<br>Special Use,<br>Stock Sales Yard | Specialised Uses     |
| Environmental Park,<br>Domestic Storage,<br>Home Business,<br>Major Telecommunication Facility,  | Minor Uses           |



|  |  |
|--|--|
| Park,<br>Radio Station,<br>Recycling Depot,<br>Road Purposes |  |
|--|--|

4. Under the *Sustainable Planning Act 2009*, an adopted infrastructure charge may be levied for the trunk infrastructure that is planned to serve the premises on which development is undertaken.

The types of development that may trigger the levying of an adopted infrastructure charge under this adopted infrastructure charges resolution are:-

- (a) reconfiguring a lot; and
- (b) a material change of use of premises; and
- (c) a combination of (a) and (b) above.

5. Table 2 identifies Council's adopted infrastructure charges at 1 July 2011 for each of the types of development that may trigger the levying of an adopted infrastructure charge under this adopted infrastructure charges resolution. The adopted infrastructure charges in Table 2 are to automatically change in line with future adjustments to the adopted infrastructure charges schedule as they are gazetted by the Minister. At all times, Council's adopted infrastructure charges are to match the maximum adopted charges appearing in the adopted infrastructure charges schedule current at that point in time. Unless otherwise exempted elsewhere in this resolution, Council's adopted infrastructure charges apply to development undertaken under a development approval or compliance permit anywhere within that part of Council's local government area covered by *PineRiversPlan*.

**Table 2 – Council's Adopted Infrastructure Charges**

| Development for Which an Adopted Infrastructure Charge May Apply | Maximum Adopted Charge Set in the Adopted Infrastructure Charges Schedule of the <i>State Planning Regulatory Provision (adopted charges)</i> |                                     | Council's Adopted Infrastructure Charge   |  |
|--|---|-------------------------------------|---|--|
|  | Charge for all Trunk Infrastructure Networks Other than Stormwater  | Charge for Trunk Stormwater Network | Council's Adopted Infrastructure Charge for all Trunk Infrastructure Networks Other than Stormwater | Council's Adopted Infrastructure Charge for Trunk Stormwater Network |
|  |   |                                     |   |  |



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|   |   |                                       |   |                                       |
|---|---|---------------------------------------|---|---------------------------------------|
| Residential-<br>3 or more bedroom<br>dwelling | \$28,000 per dwelling unit  |                                       | \$28,000 per dwelling unit  |                                       |
| Residential-<br>1 or 2 bedroom<br>dwelling    | \$20,000 per dwelling unit  |                                       | \$20,000 per dwelling unit  |                                       |
| Accommodation<br>(short term)                 | \$10,000 per dwelling unit<br>(1 or 2 bedroom dwelling)<br>Or<br>\$14,000 per dwelling unit<br>(3 or more bedroom dwelling) |                                       | \$10,000 per dwelling unit<br>(1 or 2 bedroom dwelling)<br>Or<br>\$14,000 per dwelling unit<br>(3 or more bedroom dwelling)   |                                       |
| Accommodation<br>(long term)                  | \$20,000 per dwelling unit<br>(1 or 2 bedroom dwelling)<br>Or<br>\$28,000 per dwelling unit<br>(3 or more bedroom dwelling) |                                       | \$20,000 per dwelling unit<br>(1 or 2 bedroom dwelling)<br>Or<br>\$28,000 per dwelling unit<br>(3 or more bedroom dwelling)   |                                       |
| Places of Assembly                            | \$70 per m <sup>2</sup> of<br>GFA   | \$10 per<br>impervious m <sup>2</sup> | \$70 per m <sup>2</sup> of<br>GFA   | \$10 per<br>impervious m <sup>2</sup> |
| Commercial<br>(bulk goods)                    | \$140 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> | \$140 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> |
| Commercial (retail)                           | \$180 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> | \$180 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> |
| Commercial (office)                           | \$140 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> | \$140 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> |
| Education Facility                            | \$140 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> | \$140 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> |
| Entertainment                                 | \$200 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> | \$200 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> |
| Indoor Sport and<br>Recreational<br>Facility  | \$200 per m <sup>2</sup> of<br>GFA, court<br>areas at \$20<br>per m <sup>2</sup> of GFA                                     | \$10 per<br>impervious m <sup>2</sup> | \$200 per m <sup>2</sup> of<br>GFA, court areas<br>at \$20 per m <sup>2</sup> of<br>GFA   | \$10 per<br>impervious m <sup>2</sup> |
| Industry                                      | \$50 per m <sup>2</sup> of<br>GFA   | \$10 per<br>impervious m <sup>2</sup> | \$50 per m <sup>2</sup> of<br>GFA   | \$10 per<br>impervious m <sup>2</sup> |
| High Impact<br>Industry                       | \$70 per m <sup>2</sup> of<br>GFA   | \$10 per<br>impervious m <sup>2</sup> | \$70 per m <sup>2</sup> of<br>GFA   | \$10 per<br>impervious m <sup>2</sup> |
| Low Impact Rural                              | Nil charge  |                                       | Nil charge  |                                       |
| High Impact Rural                             | \$20 per m <sup>2</sup> of<br>GFA   | N/A                                   | \$20 per m <sup>2</sup> of<br>GFA   | N/A                                   |
| Essential Services                            | \$140 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> | \$140 per m <sup>2</sup> of<br>GFA  | \$10 per<br>impervious m <sup>2</sup> |
| Specialised Uses                              | Use and demand determined at<br>time of assessment  |                                       | The actual use is equated to the other<br>“classes of development” identified in<br>this table and a charge equivalent to<br>the most closely matching “class of<br>development” is applied |                                       |
| Minor Uses                                    | Nil charge  |                                       | Nil charge  |                                       |

6. For this resolution, the charges information provided in Table 2 above (including the wording used in that charges information) is to be interpreted in the following way:



- (a) “dwelling unit” for purposes of determining the charge for Residential development has the meaning given to that term in the *Queensland Planning Provisions*;
- (b) for Accommodation (short term) and Accommodation (long term), a room containing 3 or more beds (regardless of the bed size or form) constitutes a “dormitory”;
- (c) for “dormitory” sleeping accommodation within Accommodation (short term) or Accommodation (long term), each bed (regardless of its size or form) constitutes half of a “bedroom”, eg, a room containing 4 separate beds is regarded as 2 “bedrooms”;
- (d) a single “dwelling unit” for Accommodation (short term) and Accommodation (long term) is:
  - (i) each Caretaker’s Residence; or
  - (ii) each caravan, tent or transportable home within Camping Grounds or a Caravan/Transportable Home Park; or
  - (iii) each unit within Pensioner Unit or Retirement Village accommodation;
  - (iv) each unit within Tourist Cabins accommodation;
  - (v) each separate bedroom provided as Bed and Breakfast Accommodation;
  - (vi) each room provided as sleeping accommodation, (including a room that has more than one function and one of those functions is sleeping accommodation), within a Hotel or Accommodation Units development where the sleeping accommodation is not provided in “dormitory” form; or
  - (vii) each unit within a Motel or the like;
- (e) where sleeping accommodation for Accommodation (short term) or Accommodation (long term) is provided in “dormitory” form:
  - (i) a building containing no more than 4 beds (regardless of the bed size or form) constitutes a single 2 bedroom dwelling unit;
  - (ii) a building containing 5 or 6 beds (regardless of the bed size or form) constitutes a single 3 bedroom dwelling unit; and
  - (iii) a building containing more than 6 beds (regardless of the bed size or form) is regarded as more than one dwelling unit. In such instances, each group of 6 beds constitutes a single 3 bedroom dwelling unit;
- (f) gross floor area (GFA) for purposes of determining Council’s adopted infrastructure charge has the meaning given to that term in the *Queensland Planning Provisions*;
- (g) “impervious area” for purposes of determining Council’s adopted infrastructure charge has the meaning given to that term in the *Queensland Urban Drainage Manual (QUDM)*;
- (h) for purposes of determining Council’s adopted infrastructure charge for reconfiguring a lot:
  - (i) each proposed lot within a Residential A, Residential B, Special Residential, Park Residential, Rural Residential, Urban Village, Home Industry, Future Urban or Rural zone, (other than a lot which is intended to be transferred to Council, Unitywater or the Crown for community purposes), is taken to be equivalent to “Residential” development for a 3 or more bedroom dwelling;



- (ii) each proposed lot within a Service Industry, General Industry or Extractive Industry zone, (other than a lot which is intended to be transferred to Council, Unitywater or the Crown for community purposes), is taken to be equivalent to “Industry” development having:
  - a GFA equal to the area of the lot multiplied by the “plot ratio” for the zone of the land prescribed in Table 3; and
  - an impervious area equal to the area of the lot multiplied by the “fraction impervious” for the zone of the land prescribed in Table 4;
- (iii) each proposed lot within a Central Business or Local Business zone, (other than a lot which is intended to be transferred to Council, Unitywater or the Crown for community purposes), is taken to be equivalent to “Commercial (retail)” development having:
  - a GFA equal to the area of the lot multiplied by the “plot ratio” for the zone of the land prescribed in Table 3; and
  - an impervious area equal to the area of the lot multiplied by the “fraction impervious” for the zone of the land prescribed in Table 4;
- (iv) each proposed lot within a Commercial, Neighbourhood Facilities or Village Centre zone, (other than a lot which is intended to be transferred to Council, Unitywater or the Crown for community purposes), is taken to be equivalent to “Commercial (office)” development having:
  - a GFA equal to the area of the lot multiplied by the “plot ratio” for the zone of the land prescribed in Table 3; and
  - an impervious area equal to the area of the lot multiplied by the “fraction impervious” for the zone of the land prescribed in Table 4;
- (v) each proposed lot within a Special Purposes or Special Facilities zone is taken to be equivalent to “Essential Services” development having:
  - a GFA equal to the area of the lot multiplied by the “plot ratio” for the zone of the land prescribed in Table 3; and
  - an impervious area equal to the area of the lot multiplied by the “fraction impervious” for the zone of the land prescribed in Table 4;
- (vi) each proposed lot within a Sports and Recreation zone is taken to be equivalent to “Specialised Uses” development;
- (vii) each proposed lot within a Conservation, Park and Open Space zone is taken to be equivalent to “Minor Uses” development; and
- (viii) the area of new road is taken to be equivalent to “Essential Services” development having no new floor area but an impervious area equal to 90% of the overall area to be dedicated as new road.



For both this section and Table 3 below, “developable area” is that part of the lot which is not affected in terms of development potential for urban purposes by any of the following constraints:

- Q100 flood inundation;
- slopes in excess of 25%;
- endangered regional ecosystems or “of concern” regional ecosystems under the *Vegetation Management Act*.

**Table 3 – Plot Ratios for Non-Residential Development**

| <b>Zone of the Land</b><br>(as described in <i>PineRiversPlan</i> ) | <b>Plot Ratio</b><br>(expressed as m <sup>2</sup> GFA/m <sup>2</sup> of developable area) |
|---|---|
| Central Business  | 0.33  |
| Commercial  | 0.32  |
| Local Business  | 0.30  |
| Neighbourhood Facilities  | 0.34  |
| Village Centre  | 0.24  |
| General Industry  | 0.5   |
| Service Industry  | 0.4   |
| Extractive Industry   | 0.01  |
| Special Purposes  | 0.4   |
| Special Facilities  | 0.4   |

**Table 4 – Impervious Area for Non-Residential Development**

| <b>Zone of the Land</b><br>(as described in <i>PineRiversPlan</i> ) | <b>Fraction Impervious</b><br>(expressed as a percentage of lot area) |
|---|---|
| Central Business  | 100%  |
| Commercial  | 90%   |
| Local Business  | 90%   |
| Neighbourhood Facilities  | 90%   |
| Village Centre  | 90%   |
| General Industry  | 90%   |
| Service Industry  | 90%   |
| Extractive Industry   | 90%   |
| Special Purposes  | 90%   |
| Special Facilities  | 90%   |



7. This resolution declares that an adopted infrastructure charge does not apply to any development undertaken by, or on behalf of, Council for reconfiguring a lot or other development involving any of the land uses listed in Table 5 unless the goods and/or services being offered:-
- (a) are being charged for at a level which Council would normally be expected to know is significantly in excess of that required to meet the normal operating and lifecycle costs of the facility, including all government subsidies on offer; or
  - (b) would normally be provided as part of a viable business concern in that context by private enterprise.

**Table 5 - Council Activities Exempt from Adopted Infrastructure Charges**

| Land Use as Described in <i>PineRiversPlan</i> |                      |
|--|----------------------|
| Car park                                       | Cemetery             |
| Camping Grounds                                | Community Facilities |
| Indoor Entertainment and Sport                 | Environmental Park   |
| Local Utilities                                | Park                 |
| Kennels  | Public Utilities     |
| Major Telecommunication Facility               | Passenger Terminal   |
| Market   | Recycling Depot      |
| Non-Intensive Animal Husbandry                 | Road Purposes        |
| Office   | Salvage Yard         |
| Outdoor Recreation                             | Special Use          |

8. This resolution states how a charge for further development of premises is to be discounted to take into account demand credits for the existing usage of trunk infrastructure by those premises. Demand credits are to be calculated in the following way:
- (a) The demand credit is the greater of:-
    - (i) the monetary equivalent of the actual demand generated by an existing lawful use of the premises, calculated using the adopted infrastructure charges in Table 2; and
    - (ii) the monetary contributions for trunk infrastructure that have been previously made, escalated to present value by applying the movements of the Consumer Price Index (all Groups) for Brisbane between the date that the payment was made and 1 July 2011.
  - (b) No demand credit will be applied in those instances where the right to establish the use has been secured but the use has not been established, or the existing use does not actually place a demand on the network for which credit is sought. The only exception to this is in relation to residential lots on which no dwelling unit has been constructed. In such exceptional cases, a demand credit equivalent to a three bedroom dwelling for each lot that is proposed to be further developed will be allowed.
  - (c) The maximum amount of any demand credit allocated under this resolution is not to exceed the actual demand arising from the proposed development.



9. Under this resolution, Council wishes to make it clear that, in determining the quantum of any adopted infrastructure charge payable for a development proposal, allowance will be made for trunk infrastructure that a development proponent either intends to construct/dedicate, or is required to construct/dedicate, as part of undertaking that proposed development. However, the methodology to be used in such instances must be agreed between the development proponent and the relevant owner of the trunk infrastructure that is intended to be constructed/dedicated and must be confirmed in an infrastructure agreement. Unless that agreement is in place at the due time for payment of the adopted infrastructure charge, a default allowance of \$0 will apply.
10. Until the *Priority Infrastructure Plan* within *PineRiversPlan* comes into effect:
  - (a) the trunk infrastructure networks to which this resolution applies are:
    - (i) the trunk water supply network;
    - (ii) the trunk sewerage network;
    - (iii) the trunk stormwater network;
    - (iv) the trunk transport network; and
    - (v) the open space network;
  - (b) the extent of the trunk infrastructure for each of the networks identified in (a) above is shown in the Plans for Trunk Infrastructure contained in Appendix D to this resolution;
  - (c) the standards of service adopted for each of the networks identified in (a) above are set out in Appendix A to this resolution; and
  - (d) the establishment cost, (expressed as replacement cost at 1 July 2009), for each of the networks identified in (a) above is shown in Appendix B to this resolution.
11. The adopted infrastructure charges under this resolution do not apply to development within that part of Council's local government area covered by the *Mango Hill Infrastructure Development Control Plan*, the extent of which is shown on the map in Appendix C to this resolution.



## APPENDIX A – Adopted Standards of Service for Each Trunk Infrastructure Network

### 1. Trunk Water Supply Network

For the water supply network, Council has adopted the following standards of service:-

- (1) Water supplied for human consumption complies with the National Health and Medical Research Council (NHMRC) Australian Drinking Water Guidelines for colour, turbidity and microbiology.
- (2) Potable water is collected, stored, treated and conveyed from source to consumers in the manner prescribed, and to the standards required, under the *Water Act 2000*.
- (3) Non-revenue water loss does not exceed industry best practice.
- (4) The water supply network is designed and constructed to the standards prescribed in *PineRiversPlan* and its associated planning scheme policies; i.e.; it achieves the levels for the “adopted design parameters” listed in Table 6.

**Table 6: Adopted Design Parameters for the Water Supply Network**

| Item                              | Description                      | Adopted Design Parameter   |
|-----------------------------------|----------------------------------|--|
| <b>Water Demand</b>               |                                  |  |
| 1                                 | Average Day Demand (AD)          | Existing and Future Demand – 296 litres/equivalent person (water supply)/day (L/EPW/d)<br>AD is calculated as follows:<br>$AD = (230 \times 1.2) + \text{System Losses}$<br>Where: <ul style="list-style-type: none"> <li>230 L/EPW/day is the demand target under SEQ ‘permanent water conservation measures’;</li> <li>1.2 is an operational flexibility factor that provides sufficient capacity to maintain an adequate level of service in the event that an element of the trunk infrastructure fails; and</li> <li>System Losses of up to 20 L/EPW/day are catered for.</li> </ul> Note that, in this context, one equivalent person (water supply) is equivalent to the service demand from a single occupant of an average occupied detached house. |
| <b>Peaking Factors</b>            |                                  |  |
| 2                                 | Mean Day Maximum Month (MDMM/AD) | $1.2 \times AD$ (355.2 L/EPW/day)  |
| 3                                 | Maximum Day (MD/AD)              | $1.6 \times AD$ (473.6 L/EPW/day)  |
| 4                                 | Maximum Hour (MH/AD)             | $4.3 \times AD$ (53.03 L/hr/EPW)   |
| <b>System Pressure</b>            |                                  |  |
| 5                                 | Minimum Operating Pressure       | At maximum hour demand, the minimum pressure at the water meter shall not be less than 22m of head.<br>(In isolated high level areas, the minimum operating pressure may be reduced to 16 m above the highest elevation on any lot with the water level in the reservoir not more than 1.0 m above reservoir floor level.)   |
| 6                                 | Maximum Operating Pressure       | 80m of head at the property's water meter  |
| <b>Fire Fighting Requirements</b> |                                  |  |
| 7                                 | System Pressure                  | 12 m minimum pressure head at the hydrant/dedicated  |



| Item                    | Description  | Adopted Design Parameter  |
|-------------------------|--|---|
|                         |  | service location, and minimum 6m pressure head at any location in the water supply zone during the fire event with model conditions as detailed in Items 8, 9 and 10.   |
| 8                       | Fire Flow  | <ul style="list-style-type: none"> <li>For predominantly residential development no more than 3 storeys in height - 15 L/s simultaneous with the background demand prescribed in Item 9 for a period of 2 hours.</li> <li>For predominantly commercial/industrial development or residential buildings greater than 3 storeys in height - 30 L/s simultaneous with the background demand prescribed in Item 9 for a period of 4 hours.</li> </ul> <p>Note that each special risk/hazard land use may require an even greater fire flow.</p> |
| 9                       | Background demand                                    | <ul style="list-style-type: none"> <li>For predominantly Residential Area - 2/3 of MH demand</li> <li>For predominantly Commercial/Industrial Area - MH demand (generally between 10 am to 4 pm)</li> </ul>   |
| 10                      | Reservoir level                                      | <p>With the reservoir at an assumed Mid-Water Level at the commencement of the fire event, the reservoir must not empty during the event assuming a fire flow demand for the applicable context specified in item 8 with supply pumps turned off.</p> <p>Mid-Water Level = (Top Water Level + Floor Level) ÷ 2 (AHD).</p>   |
| <b>Storage</b>          |  |   |
| 11                      | Design Condition                                     | <ul style="list-style-type: none"> <li>Reservoirs must not empty in less than 3 consecutive days at MD demands.</li> <li>During MDMM demand the reservoir shall have net positive inflow and shall be capable of continuous operation under this demand.</li> </ul>   |
| 12                      | Ground Level Storage                                 | <p>Required Storage = [3 x (MD – MDMM)] + Fire Fighting Storage.</p> <p>Where:</p> <ul style="list-style-type: none"> <li>Fire Fighting Storage = 4 hrs of MDMM demand or 0.5 ML whichever is the greater.</li> </ul>   |
| 13                      | Elevated Storage                                     | <p>Required Storage Volume = Operating Volume + Fire Fighting Reserve</p> <p>Where:</p> <ul style="list-style-type: none"> <li>Operating Volume = 6 x (MH – 1/12 MDMM)</li> <li>Fire Fighting Reserve = 150 kL</li> </ul>   |
| <b>Pumping Capacity</b> |  |   |
| 14                      | Duty pump capacity to serve ground level reservoirs. | Supply MDMM demand in no more than 20 hours of operation in any 24 hour period.   |
| 15                      | Pumps serving elevated storage.                      | <p>Pump must discharge not less than:-</p> $[(6 \times \text{MH}) - \text{Operating Volume}] / (6 \times 3600)$ <p>Where:</p> <p>Operating Volume is as prescribed in item 13 above.</p>  |
| 16                      | Standby Pump Capacity                                | Equal to the capacity of the largest duty pump  |
| <b>Pipeline Design</b>  |  |   |
| 17                      | Trunk Main Capacity                                  | Sized for MDMM flows  |
| 18                      | Reticulation Capacity                                | Sized for Maximum Hour and Fire Flow  |
| 19                      | Friction Default Values                              | <p>Hazen Williams Coefficients of Friction:</p> <ul style="list-style-type: none"> <li>C = 100 (diameters ≤ 150 mm)</li> <li>C = 110 (diameters between 150 mm and 300 mm)</li> <li>C = 120 (diameter ≥ 300 mm)</li> </ul>  |



| Item | Description           | Adopted Design Parameter |
|------|-----------------------|--------------------------|
| 20   | Maximum Flow Velocity | Not to exceed 2.5 m/s    |

## 2. Trunk Sewerage Network

For the sewerage network, Council has adopted the following standards of service:-

- (1) A reliable network that collects, stores and treats sewage from premises to industry best practice is provided.
- (2) The sewerage network is designed and constructed to the standards prescribed in:-
  - (a) Council's adopted standards identified in *PineRiversPlan* and its associated planning scheme policies;
  - (b) Water Services Association of Australia (WSAA) guidelines;
  - (c) *Water Act 2000*;
  - (d) all Environmental Protection Agency (EPA) licence conditions; and
  - (e) the adopted design parameters identified in Table 7.

**Table 7: Adopted Design Parameters for the Sewerage Network**

| Item                          | Description  | Adopted Design Parameter  |
|-------------------------------|--|---|
| <b>Occupancy Ratio</b>        |  |   |
| 1                             | Equivalent Person (sewerage)/Equivalent Tenement (EPS/ET). | <ul style="list-style-type: none"> <li>2003 to 2008 – 3.0 EPS/ET</li> <li>2008 – to 2013 2.9 EPS/ET</li> <li>2013 and beyond – 2.8 EPS/ET</li> </ul> <p>Note that, in this context, one equivalent person (sewerage) is equivalent to the service demand from a single occupant of an average occupied detached house, while one equivalent tenement is equivalent to the service demand from an average occupied detached house.</p> |
| <b>Sewage Loading</b>         |  |   |
| 2                             | Average Dry Weather Flow (ADWF).                           | 185 L/EPS/d.  |
| 3                             | Peak Wet Weather Flow (PWWF).                              | 6 x ADWF  |
| 4                             | Peak Dry Weather Flow (PDWF).                              | $C_2 \times \text{ADWF}$ where $C_2$ = Peaking factor shown on dgr no A3-99480 of the Queensland Department of Natural Resources, Mines and Energy (QDNRM&E) Guidelines   |
| <b>Gravity Sewer Design</b>   |  |   |
| 5                             | Flow calculation method.                                   | Manning's Equation  |
| 6                             | Manning's 'n'.   | 0.013   |
| 7                             | Minimum velocity at PWWF.                                  | 0.6 m/s   |
| 8                             | Minimum velocity at PDWF.                                  | 0.3 m/s   |
| 9                             | Depth of Flow at PWWF – Existing system.                   | Maximum hydraulic grade level = 1.0 m below MH cover level and no spillage through overflow structures.   |
| 10                            | Depth of Flow at PWWF – Proposed sewers.                   | Sewage surface level must not exceed obvert level of pipe.  |
| <b>Pumping Station Design</b> |  |   |
| 11                            | Pump Motor Drives.   | Fixed speed drives unless otherwise approved by   |



| Item | Description  | Adopted Design Parameter  |
|------|--|---|
|      |  | Unitywater's Manager Networks Operation.  |
| 12   | Number of Pumps.   | At least two pumps unless otherwise approved by Unitywater's Manager Networks Operation   |
| 13   | For Fixed Speed Pumps:<br>Wet Well Operating Volume (kL).    | $\frac{0.9 \times Q}{N}$<br>Where Q is the flow rate (L/s) of a single pump operating and N is the allowable number of pump starts (as per QDNRM&E Guidelines). The number of pump starts (N) should be not more than 10 for pumps less than 50 kW rating. For pumps greater than 50 kW rating, pumps start limits are to be in accordance with manufacturer's recommendations.   |
| 14   | For Variable Speed Pumps:<br>Wet Well Operating Volume (kL). | $\frac{0.9 \times Q}{N}$<br>Where Q = discharge of a single pump (L/s) operating at 50 Hz<br>N= maximum number of starts per hour recommended by the motor manufacturer.  |
| 15   | Bottom Water Level (BWL).                                    | a) For Fixed Speed Pumps- in accordance with standard drawing 8 50015 in <i>Planning Scheme Policy PSP28 "Civil Infrastructure Design"</i> .<br>b) For Variable Speed Pumps -minimum of 100 mm above top of motor casing.   |
| 16   | Well Diameter  | Minimum internal well diameter = 2000 mm which is to be increased in increments of 500 mm to cater for the prescribed:-<br>a) minimum clearance around pumps and pipework; and<br>b) depth of pump station.   |
| 17   | Top Water Level (TWL).                                       | Must be set at least 300 mm below invert level of inlet sewer.  |
| 18   | Operating Range (i.e., BWL to TWL).                          | Not to exceed a range of 600 mm to 2800 mm but subject to maximum and minimum depths shown on standard drawing 8 50015 in <i>Planning Scheme Policy PSP28 "Civil Infrastructure Design"</i> .   |
| 19   | Duty Point.  | <b>Duty Point 1 - Single Pump Operation:</b><br>(C1 x ADWF) (L/s) at (Static head + Friction Head conditions prescribed in item 20 below) (m)<br><b>Duty Point 2 - Duty Pump Operating in Parallel With Standby Pump</b><br>(5 x ADWF). (L/s) at (Static head + Friction Head conditions prescribed in item 20 below) (m)<br><br>where:<br><ul style="list-style-type: none"> <li>Static Head = (Highest Point in Rising Main –Water Level in Wet Well)</li> <li>Friction Head is derived from the Hazen Williams formula and includes losses due to bends and fittings: <ul style="list-style-type: none"> <li>Hazen Williams C = 100 (dia. ≤ 300)</li> <li>Hazen Williams C = 120 (dia &gt; 300)</li> </ul> </li> </ul> C1 = Peaking Factor shown on dgr A3-99480 of the QDNRM&E guidelines |
| 20   | Pump Selection.  | The pump capable of operating at both duty points described in item 19 and which operates within the range of the system resistance curves that are determined by Conditions 1, 2 and 3 detailed below:<br><b>Condition 1- Normal Operating Condition, Lower Limit System Resistance Curve:</b>   |



| Item                      | Description   | Adopted Design Parameter  |
|---------------------------|---|---|
|                           |   | <p>Static Head corresponding to Top Water Level with rising main friction factors as follows:</p> <ul style="list-style-type: none"> <li>• C = 120 (dia. ≤ 300)</li> <li>• C = 140 (dia &gt; 300)</li> </ul> <p><b>Condition 2 – Normal Operating Condition, Upper Limit System Resistance Curve:</b></p> <p>Static Head corresponding to Bottom Water Level with rising main friction factors as follows</p> <ul style="list-style-type: none"> <li>• C = 100 (dia. ≤ 300)</li> <li>• C = 120 (dia &gt; 300)</li> </ul> <p><b>Condition 3 – System Overflow, Lower Limit System Resistance Curve:</b></p> <p>At an overflow flow condition both pumps are to operate in parallel and are to operate (as determined from the manufacturers design curves) for the static head corresponding to the system overflow level with friction factors for the rising main as follows:</p> <ul style="list-style-type: none"> <li>• C = 120 (dia. ≤ 300)</li> <li>• C = 140 (dia &gt; 300)</li> </ul> |
| 21                        | Emergency Storage.  | 6 hours of ADWF (Emergency storage may include gravity sewers, manholes and pump station wet well volume above TWL)   |
| 22                        | Duty Pump Capacity.   | Not less than C1 x ADWF (C1 is to be determined from drawing A3-99480 of the QDNRM&E Guidelines where the contributing population is the sum of the population contributing to all upstream pump stations plus the population of subject pump station's catchment).   |
| 23                        | Standby Pump Capacity.  | Equivalent to capacity of the duty pump.  |
| 24                        | Total Pump Station Capacity.                                  | Not less than 5 x ADWF  |
| <b>Rising Main Design</b> |   |   |
| 25                        | Flow Equation.  | Hazen Williams.   |
| 26                        | Minimum Diameter.   | 100 mm unless otherwise approved by Unitywater's Manager Electrical Mechanical Services.  |
| 27                        | Friction Factors.   | See Item 20 above.  |
| 28                        | Minimum Velocity (on a Daily Basis).                          | 0.75 m/s (but 1.5m/sec preferred minimum)   |
| 29                        | Maximum Velocity.   | 2.5 m/s   |
| 30                        | Configuration.  | <p>Rising mains are sized to optimise the balance between reduction of detention times and life cycle cost. Factors to be considered should include but not be limited to:</p> <ul style="list-style-type: none"> <li>• Population growth;</li> <li>• Staging;</li> <li>• Operational features to provide for maintenance and replacement activities;</li> <li>• Minimisation of energy costs;</li> <li>• Detention times (reduction of odours).</li> </ul>   |
| 31                        | Interconnection of Rising Mains from Different Pump Stations. | Only with the approval of Unitywater and only where that interconnection has substantiated economic and operational benefits.   |



### **3. Trunk Stormwater Network**

For the stormwater network, Council has adopted the following standards of service:-

- (1) Stormwater flows for anticipated flood events from existing and planned future land use is collected and conveyed to a suitable point of discharge in a manner aimed at protecting life as well as preventing both unreasonable nuisance and inundation of habitable rooms.
- (2) The stormwater network is designed and constructed to a standard which complies with that identified in *PineRiversPlan* and its associated policies while also being in general accord with the *Queensland Urban Drainage Manual* (In particular, the design standards for stormwater drainage works dealt with in part 2 of the “Design Manual” for the former Pine Rivers Shire which forms part of Planning Scheme Policy 28 – “Civil Infrastructure Design” are to be met).
- (3) Road crossing structures are designed and constructed to a standard that provides the level of flood immunity set out in part 2 of the “Design Manual” for the former Pine Rivers Shire which forms part of Planning Scheme Policy 28 – “Civil Infrastructure Design”.
- (4) Council’s adopted water quality objectives as outlined in the following Catchment Management Plans and reports are met at all times:-
  - (a) South Pine River Catchment Management Plan (CMP);
  - (b) Four Mile Creek CMP;
  - (c) Todds Gully Hydrological Investigation;
  - (d) One Mile Creek CMP;
  - (e) Cabbage Tree Creek CMP;
  - (f) Freshwater Creek CMP;
  - (g) Saltwater Creek CMP;
  - (h) Strathpine (Bells Pocket Road Area) Local Area Drainage Plan (LADP);
  - (i) Strathpine Industrial Area LADP;
  - (j) Petrie (Young Street Area) LADP;
  - (k) Kallangur Business Area LADP;
  - (l) Duffield Road, Kallangur (Kahala Road to Freshwater Creek) Local Area Drainage Plan (LADP);
  - (m) Kallangur (East of Duffield Road) LADP;
  - (n) Griffin Area Catchment Management Plan.
- (5) The water quality system is designed and constructed in a manner aimed at ensuring that the water quality criteria set out in the documents entitled “Pine Rivers and Redcliffe Creeks Environmental Values and Water Quality Objectives”, and “Moreton Bay, North Stradbroke, South Stradbroke, Moreton and Moreton Bay Islands Environmental Values and Water Quality Guidelines”, published by the former Environmental Protection Agency in March 2007, are met.

### **4. Trunk Transport Network**

The transport network, in this context, comprises two separate categories, the trunk roads network and the bikeways network.

- (1) For the trunk roads network, Council has adopted the following desired standards of service:-
  - (a) A functional urban and rural road hierarchy that supports settlement patterns, commercial and economic activities, and freight movement is provided.



- (b) The road network is designed and constructed to a standard that complies with the following:-
- (i) Council's adopted standards identified in *PineRiversPlan* and its associated planning scheme policies;
  - (ii) all relevant Austroads guides;
  - (iii) Department of Main Roads Road Planning and Design Manual;
  - (iv) maximum road volume to capacity ratios identified in Table 8; and
  - (v) maximum degree of saturation for intersections identified in Table 9.

**Table 8: Maximum Volume to Capacity Ratios for the Road Network**

| Road Class               | Maximum volume to capacity ratio by location |               |
|--------------------------|--|---------------|
|                          | Urban Context                                | Rural Context |
| Arterial Road            | 80%  | 65%           |
| Arterial Main Street     | 80%  | 65%           |
| Traffic Distributor      | 80%  | 65%           |
| Controlled Distributor   | 80%  | 65%           |
| Sub-Arterial Main Street | 80%  | 65%           |
| Major (Trunk) Collector  | 65%  | 50%           |

Note:-

Capacity ratios identified in Table 8 are derived / allocated in the manner prescribed in the *Austroads Guide to Traffic Engineering Practice*.

**Table 9: Maximum Degree of Saturation for Road Intersections**

| Road / Intersection Type | Maximum degree of intersection saturation by road type |       |
|--------------------------|--|-------|
|                          | Trunk Roads  | Other |
| Signals                  | 90%  | N/A   |
| Roundabout               | 80%  | 80%   |
| Give Way                 | 70%  | 70%   |

Note:-

Saturation ratios identified in Table 9 are derived / allocated in the manner prescribed in the *Austroads Guide to Traffic Engineering Practice*.

- (2) For the bikeways network, Council has adopted the following standards of service:-
- (a) Trunk bikeways are designed and constructed to a standard that provides a safe, attractive and convenient network that links residential areas to major activity nodes and public transport interchanges, thereby encouraging walking and cycling as acceptable travel alternatives.
  - (b) Trunk bikeways are designed and constructed to a standard that complies with Council's adopted standards identified in *PineRiversPlan* and its associated planning scheme policies.



## 5. Trunk Open Space Network

For the open space network, Council has adopted the following standards of service:-

- (1) A connected and accessible network of parks, open space and land for community facilities that meets the reasonable needs of residents, visitors and employees of local businesses is provided at the rate of provision identified in Table 10 and proximity standards outlined in Table 11.
- (2) Each parcel of public park land has:-
  - (a) an area of no less than that identified in Table 12; and
  - (b) a configuration, slope, road frontage, orientation, and acceptable level of flood immunity which satisfies Council's adopted standards identified in Table 14.
- (3) Public parks are embellished in a way that achieves the intended purpose and maximises its usability. The minimum level of embellishment sought for each park type is set out in Table 13.

**Table 10: Rate of Land Provision for Open Space Facilities by Type**

| Infrastructure Type      | Rate of provision (Ha/1000 resident population)                              |  |  |
|--------------------------|--|--|--|
|                          | Local  | District                               | Shire  |
| <b>Recreation park</b>   | Local Park – 0.5<br>Neighbourhood Park – 0.7<br>Linkage Park – not specified | District Park – 0.3<br>Town Park – 0.1 | Shire Park - 1.1<br>Foreshore Park – not specified |
| <b>Sporting Facility</b> | 0.3  | 0.9                                    | 0.3  |

**Table 11: Proximity Standards for Open Space Facilities**

| Infrastructure Type      | Proximity to Target Users – maximum travel distance (km)                     |  |   |
|--------------------------|--|--|---|
|                          | Local  | District                               | Shire   |
| <b>Recreation park</b>   | Local Park – 0.4<br>Neighbourhood Park – 0.7<br>Linkage Park – not specified | District – 1.5<br>Town – not specified | Shire Park - 5 – 10<br>Foreshore Park – not specified |
| <b>Sporting Facility</b> | 1  | 2                                      | 5 - 10  |

**Table 12: Size of Open Space Facilities**

| Infrastructure Type      | Minimum size (Ha)  |                                      |   |
|--------------------------|--|--------------------------------------|---|
|                          | Local  | District                             | Shire   |
| <b>Recreation park</b>   | Local Park – 0.4<br>Neighbourhood Park – 0.7<br>Linkage Park – not specified | District Park – 4<br>Town Park – 0.2 | Shire Park – 10<br>Foreshore Park – not specified |
| <b>Sporting Facility</b> | 1.8  | 4                                    | 10  |



**Table 13: Standard Embellishments for Open Space Facilities**

| Embellishment type              | Recreation Park |               |      |          |       |         |           | Sporting Facility |          |       |
|---------------------------------|-----------------|---------------|------|----------|-------|---------|-----------|-------------------|----------|-------|
|                                 | Local           | Neighbourhood | Town | District | Shire | Linkage | Foreshore | Local             | District | Shire |
| Play Equipment                  |                 |               |      |          |       |         |           |                   |          |       |
| Softfall (mulch)                |                 |               |      |          |       |         |           |                   |          |       |
| Softfall (rubber)               |                 |               |      |          |       |         |           |                   |          |       |
| Edging                          |                 |               |      |          |       |         |           |                   |          |       |
| Connecting pathways             |                 |               |      |          |       |         |           |                   |          |       |
| Bikeway                         |                 |               |      |          |       |         |           |                   |          |       |
| Seating                         |                 |               |      |          |       |         |           |                   |          |       |
| Tab/Bubbler                     |                 |               |      |          |       |         |           |                   |          |       |
| Bin                             |                 |               |      |          |       |         |           |                   |          |       |
| Signage                         |                 |               |      |          |       |         |           |                   |          |       |
| Landscaping                     |                 |               |      |          |       |         |           |                   |          |       |
| Shade Trees                     |                 |               |      |          |       |         |           |                   |          |       |
| Bollards                        |                 |               |      |          |       |         |           |                   |          |       |
| Slip rail                       |                 |               |      |          |       |         |           |                   |          |       |
| Electric BBQ                    |                 |               |      |          |       |         |           |                   |          |       |
| Shelter                         |                 |               |      |          |       |         |           |                   |          |       |
| Picnic table                    |                 |               |      |          |       |         |           |                   |          |       |
| Multi-use Court                 |                 |               |      |          |       |         |           |                   |          |       |
| General Lighting                |                 |               |      |          |       |         |           |                   |          |       |
| Public toilet                   |                 |               |      |          |       |         |           |                   |          |       |
| Irrigation                      |                 |               |      |          |       |         |           |                   |          |       |
| Feature Infrastructure          |                 |               |      |          |       |         |           |                   |          |       |
| Feature Trees                   |                 |               |      |          |       |         |           |                   |          |       |
| Hard pavement                   |                 |               |      |          |       |         |           |                   |          |       |
| Dog off-leash area              |                 |               |      |          |       |         |           |                   |          |       |
| On-site car parking             |                 |               |      |          |       |         |           |                   |          |       |
| On-site access road             |                 |               |      |          |       |         |           |                   |          |       |
| Event space                     |                 |               |      |          |       |         |           |                   |          |       |
| Hard courts                     |                 |               |      |          |       |         |           |                   |          |       |
| Playing fields (inc irrigation) |                 |               |      |          |       |         |           |                   |          |       |
| Sports field Lighting           |                 |               |      |          |       |         |           |                   |          |       |
| Toilet/Change room              |                 |               |      |          |       |         |           |                   |          |       |
| Court/Field Shelters            |                 |               |      |          |       |         |           |                   |          |       |
| Maintenance compound            |                 |               |      |          |       |         |           |                   |          |       |
| Beach Shower                    |                 |               |      |          |       |         |           |                   |          |       |



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| Embellishment type | Recreation Park |               |      |          |       |         |           | Sporting Facility |          |       |
|--------------------|-----------------|---------------|------|----------|-------|---------|-----------|-------------------|----------|-------|
|                    | Local           | Neighbourhood | Town | District | Shire | Linkage | Foreshore | Local             | District | Shire |
| Beach Access       |                 |               |      |          |       |         |           |                   |          |       |
| Turf               |                 |               |      |          |       |         |           |                   |          |       |
| Earthworks         |                 |               |      |          |       |         |           |                   |          |       |
| Services           |                 |               |      |          |       |         |           |                   |          |       |



**Table 14: Configuration, Slope, Road Frontage, Orientation and Flood Immunity Criteria**

|                      | Recreation Park   |   |  |  |  |  |  | Sporting Facility  |  |  |
|----------------------|---|---|--|--|--|--|--|--|--|--|
|                      | Local   | Neighbourhood   | Town   | District   | Shire  | Linkage  | Foreshore  | Local  | District   | Shire  |
| <b>Configuration</b> | <p>Square / compact</p> <p>Average ratio (width-depth) at least 0.5</p> <p>No less than 15m in width at any point</p> | <p>Square / compact</p> <p>Average ratio (width-depth) at least 0.5</p> <p>No less than 30m in width at any point</p> | <p>Square / compact</p> <p>Average ratio (width-depth) 0.5</p> | <p>Average ratio (width-depth) at least 0.75</p> <p>No less than 30m in width at any point</p> | <p>Average ratio (width-depth) at least 0.75</p> <p>No less than 30m in width at any point</p> | <p>For Linkage Parks along waterways, minimum width of 75m overall or 30m each side (measured from top of bank), whichever is the greater. In all other cases 30m minimum width.</p> | <p>Minimum width 50m at activity nodes (measured from the line of the highest astronomical tide)</p> | <p>Square, circular or other compact shape</p>   | <p>Square, circular or similar compact shape</p>   | <p>Square, circular or similar compact shape</p>   |
| <b>Slope</b>         | <p>Reasonably flat</p> <p>At least one area 15mx15m, &lt; 5%</p>  | <p>Reasonably flat</p> <p>At least one area 20mx20m, &lt; 5%</p>  | <p>Reasonably flat</p>   | <p>Reasonably flat</p> <p>At least one area 25mx25m, &lt; 5%</p>                               | <p>Reasonably flat</p> <p>At least one area 50mx50m, &lt; 5%</p>                               | -  | <p>Reasonably flat</p> <p>At least one area 25mx25m, &lt; 5%</p>                                     | <p>Contains at least one area 200m x 150m with a slope &lt; 1:200 suitable for sporting fields</p> | <p>Contains several areas of 200x150m with a slope of &lt;1:200 suitable for sporting fields</p> | <p>Contains several areas of 200x150m with a slope of &lt;1:200 suitable for sporting fields</p> |



|                       | Recreation Park                                      |  |  |  |  |  |  | Sporting Facility   |   |   |
|-----------------------|--|--|--|--|--|--|--|---|---|---|
|                       | Local  | Neighbourhood  | Town   | District   | Shire  | Linkage  | Foreshore  | Local   | District  | Shire   |
| <b>Road frontage</b>  | at least 50% of park perimeter                       | at least 40% of park perimeter                       | 25%  | at least 40% of park perimeter                       | at least 30% of park perimeter                       | Sufficient for passive surveillance and maintenance access | at least 30% of park perimeter                       | at least 40% of park perimeter  | at least 40% of park perimeter  | at least 30% of park perimeter  |
| <b>Orientation</b>    | Private allotments address the park (where possible) | Private allotments address the park (where possible) | Private allotments address the park (where possible) | Private allotments address the park (where possible) | Private allotments address the park (where possible) | -  | Private allotments address the park (where possible) | Able to accommodate formalised sporting activities and have minimal impact on residential amenity<br>Long axis generally orientated north-south | Able to accommodate formalised sporting activities and have minimal impact on residential amenity<br>Long axis generally orientated north-south | Able to accommodate formalised sporting activities and have minimal impact on residential amenity<br>Long axis generally orientated north-south |
| <b>Flood immunity</b> | At least 0.4 ha of park area above Q20               | At least 0.7ha of park area above Q20                | At least 0.2ha of park area above Q20                | At least 4ha of park area above Q20                  | At least 10ha of park area above Q20                 | -  | -  | At least 1.8 ha of park area above Q20  | At least 4ha of park area above Q20   | At least 10ha of park area above Q20  |



|                        | Recreation Park                                   |   |   |   |   |   |   | Sporting Facility                                 |   |   |
|------------------------|---|---|---|---|---|---|---|---|---|---|
|                        | Local   | Neighbourhood                                     | Town  | District  | Shire   | Linkage   | Foreshore   | Local   | District  | Shire   |
| Activity area location | At least 10m from private lots and 20m from roads | At least 10m from private lots and 20m from roads | At least 10m from private lots and 20m from roads | At least 10m from private lots and 20m from roads | At least 20m from private lots and 50m from roads | At least 10m from private lots and 20m from roads | At least 10m from private lots and 20m from roads | At least 10m from private lots and 20m from roads | At least 20m from private lots and 50m from roads | At least 20m from private lots and 50m from roads |

Notes:-

- (1) For Tables 10 to 14, recreation park covers the following sub-categories shown on the plans for trunk infrastructure:-
  - (a) Local Park
  - (b) Neighbourhood Park
  - (c) District Park
  - (d) Town Park
  - (e) Shire Park
  - (f) Linkage Park
  - (g) Foreshore Park
- (2) For Tables 10 to 14, sports park covers the following sub-categories shown on the plans for trunk infrastructure:-
  - (a) Local Sporting Facility
  - (b) District Sporting Facility
  - (c) Shire Sporting Facility
- (3) Linkage Parks provide for connectivity between recreation and sport facilities as well as providing land for the construction of recreational trails and bikeways.



## APPENDIX B – Establishment Cost for Each Trunk Infrastructure Network

### 1. Trunk Water Supply Network

- (1) The establishment cost of the water supply network up to 2026 is \$203,360,113 (net present value, including the value of Government grants and subsidies, at the base date 1 July 2010).
- (2) The net present value of the establishment cost as at the base date 1 July 2010 has been calculated using a discount rate of 9.88% being Unitywater's 2010 weighted average cost of capital (WACC).
- (3) Table 15 summaries the establishment cost for the water supply network apportioned to each service catchment.

**Table 15 - Water Supply Network – Summary of Establishment Cost Funded by Infrastructure Charges**

| Charge area<br>(service catchment) | Establishment cost*     |                     |                       |                      |
|------------------------------------|-------------------------|---------------------|-----------------------|----------------------|
|                                    | Existing infrastructure |                     | Future infrastructure | Total                |
|                                    | Active                  | Passive             |                       |                      |
| Albany Creek Llz                   | \$3,265,170             | \$3,445,857         | \$630,820             | <b>\$7,341,848</b>   |
| Albany Creek Hlz                   | \$4,844,826             | \$8,132,952         | \$225,385             | <b>\$13,203,162</b>  |
| Clear Mtn Hlz                      | \$3,774,665             | \$3,931,377         | \$791,928             | <b>\$8,497,971</b>   |
| Dayboro                            | \$1,108,590             | \$0                 | \$2,356,242           | <b>\$3,464,832</b>   |
| Eatons Hill Hlz                    | \$3,713,012             | \$1,216,022         | \$75,240              | <b>\$5,004,274</b>   |
| Hills Hlz                          | \$1,721,466             | \$2,251,802         | \$243,823             | <b>\$4,217,091</b>   |
| Hills Llz                          | \$6,080,692             | \$13,765,306        | \$2,018,979           | <b>\$21,864,977</b>  |
| Kallangur                          | \$3,984,964             | \$21,333,902        | \$14,311,231          | <b>\$39,630,097</b>  |
| Petrie                             | \$1,449,811             | \$3,813,430         | \$736,474             | <b>\$5,999,716</b>   |
| Samford Village                    | \$341,722               | \$1,438,549         | \$66,218              | <b>\$1,846,488</b>   |
| Samford Downs                      | \$3,650,053             | \$2,861,932         | \$46,018              | <b>\$6,558,003</b>   |
| Strathpine Lawnton Llz             | \$10,757,686            | \$21,709,239        | \$1,069,789           | <b>\$33,536,715</b>  |
| Dakabin                            | \$913,109               | \$2,123,076         | \$2,864,531           | <b>\$5,900,716</b>   |
| Griffin                            | \$913,057               | \$2,491,551         | \$7,490,280           | <b>\$10,894,888</b>  |
| Mango Hill                         | \$835,188               | \$8,036,609         | \$6,232,962           | <b>\$15,104,759</b>  |
| <b>Totals</b>                      | <b>\$47,354,012</b>     | <b>\$96,551,604</b> | <b>\$39,159,921</b>   | <b>\$183,065,536</b> |

\* Establishment costs are expressed in net present value terms at the base date (1 July 2010)

- (4) All existing infrastructure has been valued at current replacement cost at 1 July 2010.
- (5) The establishment cost of future trunk infrastructure at its programmed construction date has been determined by inflating the Council's unit rates by the following:-
  - (a) construction costs – the 2010 ten year average of Rawlinson's "building price index" for Brisbane (5.97%); and
  - (b) land acquisition costs – Council's adopted "Land Value Index" at 1 July 2010 (7.14%);
 and then applying the contingencies referred to in (7) as well as the administration fee referred to in (6) below.



- (6) The establishment cost of the water supply network includes an allowance for the costs associated with preparing and administering this trunk infrastructure charges regime over time. These costs equate to 2% of the establishment cost of the water supply network.
- (7) The establishment cost of trunk infrastructure for the water supply network includes an allowance of 22% for design and supervision costs. It also includes a contingency to deal with construction, utility relocation and land acquisition cost variations. These contingency allowances are listed in Table 16.

**Table 16 - Contingency Allowances**

| Contingency       | Contingency (% of construction and land acquisition cost) |          |          |          |
|-------------------|---|----------|----------|----------|
|                   | 5 years   | 10 years | 15 years | 20 years |
| Total contingency | 25%   | 25%      | 25%      | 25%      |

## 2. Trunk Sewerage Network

- (1) The establishment cost of the sewerage network up to 2026 is \$314,142,744 (net present value, including the value of Government grants and subsidies, at the base date 1 July 2010).
- (2) The net present value of the establishment cost as at the base date 1 July 2010 has been calculated using a discount rate of 9.88% being Unitywater's 2010 weighted average cost of capital (WACC).
- (3) Table 17 summarises the establishment cost for the sewerage network apportioned to each service catchment.

**Table 17 - Sewerage Network – Summary of Establishment Cost Funded by Infrastructure Charges**

| Charge area<br>(service<br>catchment) | Establishment cost*          |                                 |                               |                                  |                       |                       |              |
|---------------------------------------|------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|-----------------------|--------------|
|                                       | Existing infrastructure      |                                 |                               |                                  | Future infrastructure |                       | Total        |
|                                       | Local<br>catchment<br>active | Regional<br>catchment<br>active | Local<br>catchment<br>passive | Regional<br>catchment<br>passive | Local<br>catchment    | Regional<br>catchment |              |
| BRA (Brendale A)                      | \$2,996,300                  | \$12,914,082                    | \$8,390,821                   | \$0                              | \$8,418,574           | \$9,230,508           | \$41,950,285 |
| BRB (Brendale B)                      | \$1,049,971                  | \$6,213,132                     | \$1,689,492                   | \$0                              | \$1,237,206           | \$4,440,917           | \$14,630,717 |
| CTC (Cabbage<br>Tree Creek)           | \$2,518,093                  | \$6,601,469                     | \$3,797,885                   | \$0                              | \$1,315,351           | \$4,721,416           | \$18,954,215 |
| DAY (Dayboro)                         | \$312,476                    | \$6,660,284                     | \$1,047,410                   | \$0                              | \$18,982              | \$0                   | \$8,039,152  |
| KBR (Kedron<br>Brook)                 | \$1,628,072                  | \$11,981                        | \$1,305,818                   | \$0                              | \$49,968              | \$0                   | \$2,995,840  |
| MNA (Murrumba<br>Downs Nth A)         | \$91,924                     | \$1,613,150                     | \$982,207                     | \$0                              | \$0                   | \$4,096,798           | \$6,784,079  |
| MNB (Murrumba<br>Downs Nth B)         | \$2,904,446                  | \$4,777,879                     | \$9,656,083                   | \$0                              | \$13,735,976          | \$12,134,027          | \$43,208,410 |
| MNC (Murrumba<br>Downs Nth C)         | \$1,403,413                  | \$892,733                       | \$351,454                     | \$0                              | \$131,530             | \$2,267,208           | \$5,046,339  |
| MSA (Murrumba<br>Downs Sth A)         | \$2,029,873                  | \$2,660,843                     | \$5,530,260                   | \$0                              | \$33,665              | \$6,757,546           | \$17,012,187 |
| MSB (Murrumba<br>Downs Sth B)         | \$3,607,662                  | \$3,917,426                     | \$10,415,979                  | \$0                              | \$2,626,403           | \$9,948,798           | \$30,516,267 |
| MSC (Murrumba                         | \$3,183,845                  | \$5,402,842                     | \$12,487,075                  | \$0                              | \$906,931             | \$13,721,198          | \$35,701,891 |



MORETON BAY REGIONAL COUNCIL  
ADOPTED INFRASTRUCTURE CHARGES RESOLUTION – Pine Rivers District

|                     |                     |                     |                     |            |                     |                     |                      |
|---------------------|---------------------|---------------------|---------------------|------------|---------------------|---------------------|----------------------|
| Downs Sth C)        |                     |                     |                     |            |                     |                     |                      |
| SAM (Samford)       | \$783,958           | \$604,749           | \$1,479,034         | \$0        | \$120,422           | \$432,252           | <b>\$3,420,415</b>   |
| SEW-01 (New Area 1) | \$0                 | \$1,299,012         | \$0                 | \$0        | \$11,177,546        | \$3,299,006         | <b>\$15,775,564</b>  |
| SEW-02 (New Area 2) | \$247,210           | \$1,303,327         | \$599,224           | \$0        | \$6,388,368         | \$3,309,963         | <b>\$11,848,092</b>  |
| SEW-03 (New Area 3) | \$0                 | \$1,432,135         | \$393,170           | \$0        | \$15,718,262        | \$3,637,089         | <b>\$21,180,656</b>  |
| SEW-04 (New Area 4) | \$58,362            | \$633,758           | \$73,677            | \$0        | \$1,804,051         | \$1,609,508         | <b>\$4,179,355</b>   |
| SEW-05 (New Area 5) | \$88,268            | \$958,510           | \$238,994           | \$0        | \$6,303,939         | \$2,434,258         | <b>\$10,023,968</b>  |
| SEW-06 (New Area 6) | \$178,363           | \$940,354           | \$0                 | \$0        | \$7,646,309         | \$2,388,148         | <b>\$11,153,174</b>  |
| SEW-07 (New Area 7) | \$78,164            | \$407,027           | \$121,641           | \$0        | \$155,724           | \$1,033,697         | <b>\$1,796,253</b>   |
| <b>Totals</b>       | <b>\$23,160,399</b> | <b>\$59,244,693</b> | <b>\$58,560,224</b> | <b>\$0</b> | <b>\$77,789,206</b> | <b>\$85,462,336</b> | <b>\$304,216,859</b> |

\* Establishment costs are expressed in net present value terms at the base date (1 July 2010).

- (4) All existing infrastructure has been valued at current replacement cost at 1 July 2010.
- (5) The establishment cost of future trunk infrastructure at its programmed construction date has been determined by inflating the Council's unit rates by the following:-
  - (a) construction costs – the 2010 ten year average of Rawlinson's "building price index" for Brisbane (5.97%); and
  - (b) land acquisition costs – Council's adopted "Land Value Index" at 1 July 2010 (7.14%);
 and then applying the contingencies referred to in (7) as well as the administration fee referred to in (6) below.
- (6) The establishment cost of the sewerage network includes an allowance for the costs associated with preparing and administering this trunk infrastructure charges regime over time. These costs are equal to 2% of the establishment cost of the sewerage network.
- (7) The establishment cost of trunk infrastructure for the sewerage network includes an allowance of 22% for design and supervision costs. It also includes a contingency to deal with construction, utility relocation and land acquisition cost variations. These contingency allowances are listed in Table 18.

**Table 18 - Contingency Allowances**

| Contingency       | Contingency (% of construction and land acquisition cost) |          |          |          |
|-------------------|---|----------|----------|----------|
|                   | 5 years   | 10 years | 15 years | 20 years |
| Total contingency | 25%   | 25%      | 25%      | 25%      |

### 3. Trunk Stormwater Network

- (1) The establishment cost of the future stormwater network up to 2026 is \$680,941,406 (net present value at the base date 1 July 2010).
- (2) The net present value of the establishment cost as at the base date 1 July 2010 has been calculated using a discount rate of 8.08% being Council's 2010 weighted average cost of capital (WACC).



- (3) Table 19 summarises the establishment cost for the stormwater network apportioned to each service catchment.

**Table 19 - Stormwater – Summary of Establishment Cost Funded by Infrastructure Charges**

| Service Catchment   | Establishment Cost*   |                      |                      |
|---------------------|-----------------------|----------------------|----------------------|
|                     | Future Infrastructure |                      | Total                |
|                     | Quantity              | Quality              |                      |
| Albany Creek        | \$0                   | \$10,461,024         | \$10,461,024         |
| Branch Creek        | \$474,750             | \$14,087,576         | \$14,562,326         |
| Brendale Strathpine | \$0                   | \$2,805,302          | \$2,805,302          |
| BS01                | \$9,848,780           | \$0                  | \$9,848,780          |
| Cabbage Tree Creek  | \$311,778             | \$8,824,179          | \$9,135,957          |
| CH01                | \$654,967             | \$0                  | \$654,967            |
| Conflagration Creek | \$1,636,138           | \$8,208,369          | \$9,844,507          |
| Coulthards Creek    | \$4,109,710           | \$4,558,748          | \$8,668,458          |
| Dayboro Village     | \$0                   | \$5,105,191          | \$5,105,191          |
| Eatons Hill/Draper  | \$0                   | \$7,070,772          | \$7,070,772          |
| Eatons Hill/Warner  | \$0                   | \$7,088,931          | \$7,088,931          |
| Four Mile Creek     | \$1,582,043           | \$29,583,390         | \$31,165,433         |
| Freshwater Creek    | \$5,171,066           | \$45,460,715         | \$50,631,781         |
| FW01                | \$6,270,961           | \$0                  | \$6,270,961          |
| FW02                | \$989,773             | \$0                  | \$989,773            |
| FW03                | \$1,607,550           | \$0                  | \$1,607,550          |
| Griffin             | \$1,463,010           | \$24,335,208         | \$25,798,219         |
| Kedron Brook        | \$1,946,034           | \$9,112,423          | \$11,058,457         |
| Kingfisher Creek    | \$140,944             | \$9,236,265          | \$9,377,210          |
| North Pine          | \$4,469,366           | \$49,768,559         | \$54,237,926         |
| One Mile Creek      | \$3,077,602           | \$30,144,240         | \$33,221,841         |
| P01                 | \$4,315,629           | \$0                  | \$4,315,629          |
| Petrie              | \$167,374             | \$13,312,796         | \$13,480,170         |
| Saltwater Creek     | \$21,350,506          | \$108,053,693        | \$129,404,200        |
| Samford Downs       | \$0                   | \$10,907,546         | \$10,907,546         |
| Samford Village     | \$0                   | \$218,152            | \$218,152            |
| Sandy Creek         | \$0                   | \$9,453,357          | \$9,453,357          |
| Sideling Creek      | \$0                   | \$2,201,788          | \$2,201,788          |
| South Pine          | \$6,361,466           | \$169,591,569        | \$175,953,035        |
| Todds Gully         | \$1,806,915           | \$11,361,066         | \$13,167,982         |
| Wongam Creek        | \$0                   | \$12,234,182         | \$12,234,182         |
| <b>TOTAL</b>        | <b>\$77,756,362</b>   | <b>\$603,185,044</b> | <b>\$680,941,406</b> |



\* Establishment costs are expressed in net present value terms at the base date (1 July 2010).

- (4) All existing infrastructure has been valued at current replacement cost at 1 July 2010.
- (5) The establishment cost of future trunk infrastructure at its programmed construction date has been determined by inflating the Council's unit rates by the following:-
  - (a) construction costs – the 2010 ten year average of Rawlinson's "building price index" for Brisbane (5.97%); and
  - (b) land acquisition costs – Council's adopted "Land Value Index" at 1 July 2010 (7.14%);
 and then applying the contingencies referred to in (7) as well as the administration fee referred to in (6) below.
- (6) The establishment cost of the stormwater network includes an allowance for the costs associated with preparing and administering this infrastructure charges regime over time. These costs are equal to 2% of the establishment cost of the stormwater network.
- (7) The establishment cost of trunk infrastructure for the stormwater network includes an allowance of 14% for design and supervision costs. It also includes a contingency to deal with construction, utility relocation and land acquisition cost variations. These contingency allowances are listed in Table 20.

**Table 20 - Contingency Allowances**

| Contingency       | Contingency (% of construction and land acquisition cost) |          |          |          |
|-------------------|---|----------|----------|----------|
|                   | 5 years   | 10 years | 15 years | 20 years |
| Total contingency | 20%   | 20%      | 20%      | 20%      |

#### **4. Trunk Transport Network**

- (1) For the trunk roads network, the methodology used for cost apportionment and development of charge rates attributed the value of existing spare capacity within the network as well as the value of new works not required to address existing deficiencies in the network to future development. As such, the establishment costs listed for this network are limited to those new works and spare capacity.
- (2) The establishment cost of the future trunk road network up to 2026 is \$588,843,045 (net present value at the base date 1 July 2010).
- (3) The net present value of the establishment cost as at the base date 1 July 2010 has been calculated using a discount rate of 8.08% being Council's 2010 weighted average cost of capital (WACC).
- (4) Table 21 summarises the establishment cost for the trunk roads network apportioned to each service catchment.



**Table 21 - Trunk Roads Network – Summary of Establishment Cost  
Funded by Infrastructure Charges**

| Service Catchment | Establishment Cost*                       |                       |               |
|-------------------|---|-----------------------|---------------|
|                   | Spare capacity in existing infrastructure | Future infrastructure | TOTAL         |
| ALL               | \$118,707,875                             | \$470,135,170         | \$588,843,045 |

\* Establishment costs are expressed in net present value terms at the base date (1 July 2010).

- (5) All existing infrastructure has been valued at current replacement cost at 1 July 2010.
- (6) The establishment cost of future trunk roads infrastructure at its programmed construction date has been determined by inflating the Council's unit rates by the following:-
  - (a) construction costs – the 2010 ten year average of Rawlinson's "building price index" for Brisbane (5.97%); and
  - (b) land acquisition costs – Council's adopted "Land Value Index" at 1 July 2010 (7.14%);
 and then applying the contingencies referred to in (8) as well as the administration fee referred to in (7) below.
- (7) The establishment cost of the trunk roads network includes an allowance for the costs associated with preparing and administering this infrastructure charges regime over time. These costs are equal to 2% of the establishment cost of the trunk roads network.
- (8) The establishment cost of future trunk roads infrastructure includes an allowance of 9-30% for design and supervision costs. It also includes a contingency to deal with construction, utility relocation and land acquisition cost variations. These contingency allowances are listed in Table 22.

**Table 22 - Contingency Allowances**

| Contingency       | Contingency (% of construction and land acquisition cost) |          |          |          |
|-------------------|---|----------|----------|----------|
|                   | 5 years   | 10 years | 15 years | 20 years |
| Total contingency | 15%   | 15%      | 15%      | 15%      |

- (9) For the bikeways trunk infrastructure network, the methodology used for cost apportionment and subsequent development of charge rates restricts that apportionment to future infrastructure only, while the contribution amount to be levied on new development is limited to that proportion of the future infrastructure establishment cost corresponding to anticipated growth in cycle trips up until 2026. As such, the establishment costs listed for this network are limited to new works only.
- (10) The establishment cost of the future bikeways trunk infrastructure up to 2026 is \$44,012,413.32 (net present value at the base date 1 July 2010).



- (11) The net present value of the establishment cost as at the base date 1 July 2010 has been calculated using a discount rate of 8.08% being Council's 2010 weighted average cost of capital.
- (12) Table 23 summaries the establishment cost for the future bikeways trunk infrastructure apportioned to each service catchment.

**Table 23 - Bikeways Network – Summary of Establishment Cost Funded by Infrastructure Charges**

| Service Catchment | Establishment Cost *  |                 |
|-------------------|-----------------------|-----------------|
|                   | Future Infrastructure | Total           |
| Shirewide         | \$44,012,413.32       | \$44,012,413.32 |

\* Establishment costs are expressed in net present value terms at the base date (1 July 2010).

- (13) The establishment cost of the future bikeways trunk infrastructure has been determined by inflating Council's unit rates by the following:-
- (a) construction costs – the 2010 ten year average of Rawlinson's "building price index" for Brisbane (5.97%); and
  - (b) land acquisition costs – Council's adopted "Land Value Index" for 1 July 2010 (7.14%);
- and then applying the contingencies referred to in (15) as well as the administration fee referred to in (14) below.
- (14) The establishment cost of the future bikeways trunk infrastructure includes an allowance for the costs associated with preparing and administering this Infrastructure charging regime over time. These costs are equal to 2% of the establishment cost of the future infrastructure.
- (15) The establishment cost of the future bikeways trunk infrastructure includes an allowance of 10% for design and supervision costs. It also includes a contingency to deal with construction, utility relocation and land acquisition cost variations. These contingency allowances are listed in Table 24.

**Table 24 - Bikeways Network - Contingency Allowances**

| Contingency       | Contingency (% of construction and land acquisition cost) |          |          |          |
|-------------------|---|----------|----------|----------|
|                   | 5 years   | 10 years | 15 years | 20 years |
| Total contingency | 20%   | 20%      | 20%      | 20%      |

## 5. Trunk Open Space Network

- (1) The establishment cost of the open space network up to 2026 is \$953,781,732 (present value at the base date 1 July 2010).
- (2) The net present value of the establishment cost as at the base date 1 July 2010 has been calculated using a discount rate of 8.23% being Council's 2010 weighted average cost of capital (WACC).
- (3) Table 26 summarises the establishment cost for the open space network apportioned to each service catchment.
- (4) All existing infrastructure has been valued at current replacement cost as at 1 July 2010 and specifically excludes the land component of land acquired prior to 1 January 1990.



- (5) The establishment cost of future trunk infrastructure at its programmed construction date has been determined by inflating the Council's unit rates by the following:-
- (a) construction costs – the 2010 ten year average of Rawlinson's "building price index" for Brisbane (5.97%); and
  - (b) land acquisition costs – Council's adopted "Land Value Index" at 1 July 2010 (7.14%);
- and then applying the contingencies referred to in (7) as well as the administration fee referred to in (6) below.
- (6) The establishment cost of the open space network includes an allowance for the costs associated with preparing and administering this infrastructure charges regime over time. These costs are equal to 2% of the establishment cost of the open space network.
- (7) The establishment cost of trunk infrastructure for the open space network does not include an allowance for design and supervision costs but does include a contingency to deal with construction, utility relocation and land acquisition cost variations. These contingency allowances are listed in Table 25.

**Table 25 - Contingency Allowances**

| Contingency       | Contingency (% of construction and land acquisition cost) |          |          |          |
|-------------------|---|----------|----------|----------|
|                   | 5 years   | 10 years | 15 years | 20 years |
| Total Contingency | 20%   | 20%      | 20%      | 20%      |



**Table 26 - Open Space Network – Summary of Establishment Cost Funded by Infrastructure Charges**

| Service Catchment   | Establishment Cost   |                     |                     |                     |                     |                     |                     |                      |                     |                     |                      |
|---------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|----------------------|
|                     | Linkage Park         | Local Park          | Neighbourhood Park  | Town Park           | District Park       | Shire Park          | Local Sporting      | District Sporting    | Shire Sporting      | Recreation Trails   | TOTAL                |
| Central Pine        | \$68,536,853         | \$12,242,273        | \$21,917,901        | \$625,370           | \$10,673,929        | \$0                 | \$9,669,624         | \$11,238,843         | \$0                 | \$1,799,729         | \$136,704,521        |
| Dakabin             | \$7,153,023          | \$2,752,955         | \$4,172,134         | \$1,024,773         | \$0                 | \$0                 | \$0                 | \$5,637,839          | \$0                 | \$94,055            | \$20,834,778         |
| Dayboro             | \$2,008,426          | \$693,000           | \$3,135,099         | \$0                 | \$0                 | \$0                 | \$1,510,550         | \$0                  | \$0                 | \$0                 | \$7,347,076          |
| Fringing Semi-urban | \$69,685,557         | \$64,503            | \$5,000,437         | \$0                 | \$794,899           | \$0                 | \$0                 | \$4,899,215          | \$0                 | \$625,489           | \$81,070,101         |
| Griffin             | \$24,741,456         | \$3,294,703         | \$2,911,274         | \$0                 | \$0                 | \$0                 | \$0                 | \$8,776,959          | \$0                 | \$180,071           | \$39,904,463         |
| Hills               | \$30,788,649         | \$6,501,927         | \$2,904,588         | \$0                 | \$4,939,960         | \$0                 | \$1,021,152         | \$8,053,780          | \$0                 | \$1,622,987         | \$55,833,044         |
| Mango Hill          | \$62,340,678         | \$28,288,897        | \$8,009,596         | \$7,981,742         | \$0                 | \$0                 | \$6,809,705         | \$27,648,922         | \$0                 | \$503,060           | \$141,582,600        |
| North Pine          | \$50,826,739         | \$17,957,285        | \$5,086,792         | \$174,154           | \$8,936,494         | \$0                 | \$7,448,814         | \$27,074,368         | \$0                 | \$1,311,614         | \$118,816,261        |
| Samford Village     | \$743,191            | \$325,295           | \$709,604           | \$0                 | \$0                 | \$0                 | \$1,489,139         | \$2,863,502          | \$0                 | \$543,558           | \$6,674,289          |
| Shire Balance       | \$60,827,876         | \$1,798,600         | \$14,069,592        | \$0                 | \$118,787           | \$0                 | \$2,978,278         | \$7,790,379          | \$0                 | \$2,665,049         | \$90,248,561         |
| South Pine          | \$73,521,819         | \$2,578,509         | \$9,428,911         | \$644,120           | \$107,669           | \$0                 | \$3,128,135         | \$7,073,385          | \$0                 | \$2,183,100         | \$98,665,648         |
| Shire wide          | \$0                  | \$0                 | \$0                 | \$0                 | \$0                 | \$25,460,825        | \$0                 | \$0                  | \$67,175,358        | \$63,464,207        | \$156,100,390        |
| <b>TOTAL</b>        | <b>\$451,174,267</b> | <b>\$76,497,946</b> | <b>\$77,345,929</b> | <b>\$10,450,158</b> | <b>\$25,571,739</b> | <b>\$25,460,825</b> | <b>\$34,055,397</b> | <b>\$111,057,193</b> | <b>\$67,175,358</b> | <b>\$74,992,920</b> | <b>\$953,781,732</b> |

Notes:-

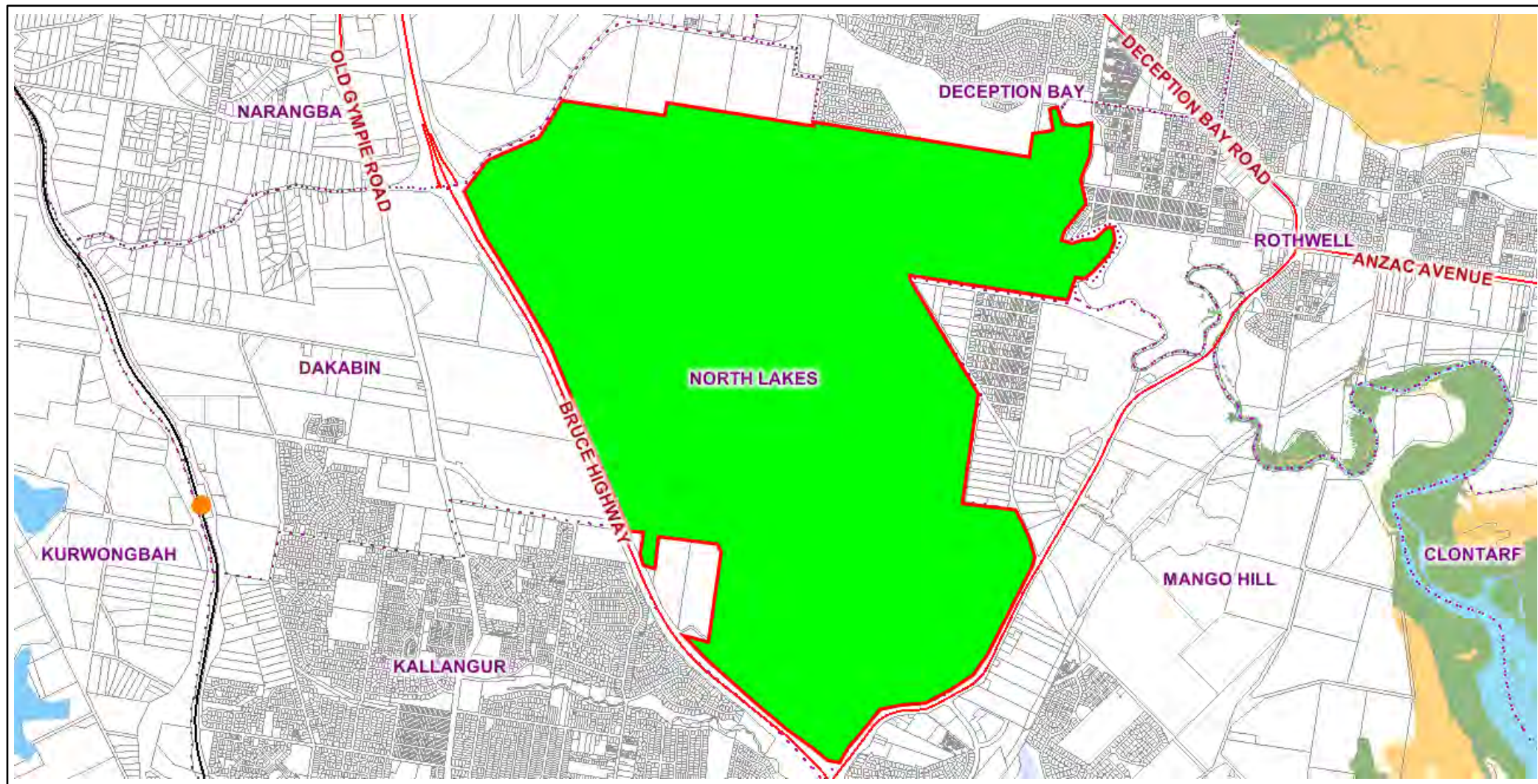
- (1) Establishment costs are expressed in net present value terms at the base date (1 July 2010).
- (2) This table excludes the value allocated to the external catchment and commercial use.
- (3) The proportion of future infrastructure expenditure being allocated to future development demand at 1 July 2010 is equivalent to 68% of the value of future embellishment cost. The remaining 32% of future embellishment costs will be funded directly by Council so that costs associated with 'deficiencies' within the existing network are not passed to proponents of development approved after 1 July 2010.
- (4) Differences between the total value and the sum of the column can occur due to values being displayed without cents. Background calculations including cents are correct.



**APPENDIX C – Extent of the Area Covered by the *Mango Hill Infrastructure Development Control Plan***



# Mango Hill DCP Area



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Scale = 1:36,153

Metres 500 1,000 1,500 2,000





## APPENDIX D – The Plans for Trunk Infrastructure

For this Appendix, the “Plans for Trunk Infrastructure” are shown as network maps with “project IDs” for each item of future trunk infrastructure and a series of tables which provide details of each of those “project IDs”.

**Table 27 - Trunk Infrastructure Networks, Systems and Items**

| Network               | System   | Items  |
|-----------------------|--|--|
| Water                 | Active Assets (mainly above ground visible assets) | Reservoirs, tanks, pumping stations, disinfection booster stations, telemetry systems. (Note that all other active assets have now transferred to State control under the SEQ Water Reforms.)  |
|                       | Passive Assets (underground assets)                | Trunk delivery and distribution mains (with some exceptions, at least 300mm diameter), pipe fittings.  |
| Sewerage              | Active Assets (mainly above ground visible assets) | Treatment plants, pumping stations, telemetry systems, biosolids facility.   |
|                       | Passive Assets (underground assets)                | Gravity mains (generally at least 300mm diameter) and fittings, pressure mains and fittings, manholes.   |
| Stormwater management | River Level infrastructure                         | <ol style="list-style-type: none"> <li>(1) river corridor revegetation and rehabilitation together with any necessary ancillary infrastructure and works;</li> <li>(2) land needed for stormwater conveyance purposes within river corridors; and</li> <li>(3) river crossing upgrades for major transport corridors including bridges and culverts.</li> </ol>  |
|                       | Creek Level Infrastructure                         | <ol style="list-style-type: none"> <li>(1) facilities for conveyance and detention of stormwater within creek corridors including any necessary land component;</li> <li>(2) works within creek corridors for stormwater treatment including gross pollutant traps, trash racks, sedimentation basins, wetlands and gully trap filters;</li> <li>(3) creek corridor revegetation and rehabilitation together with any necessary ancillary works; and</li> <li>(4) creek crossing upgrades for minor local streets including bridges and culverts.</li> </ol> |
|                       | Local Area Infrastructure                          | Underground piped drainage, overland flow paths and any necessary land acquisition required solely for a local area drainage system.   |
| Transport             | Local government and State controlled roads        | Council controlled arterial roads, arterial main streets, distributor roads, sub-arterial main streets and major collector roads.<br>Local function of State controlled roads  |
|                       | Bikeways   | All routes expected to carry in excess of 50 cyclists per day.   |
| Open Space            | Parks  | <ul style="list-style-type: none"> <li>• Local park</li> <li>• Neighbourhood Park</li> </ul>   |



| Network | System                                 | Items   |
|---------|--|---|
|         |  | <ul style="list-style-type: none"> <li>• Town Park</li> <li>• District Park</li> <li>• Shire Park</li> <li>• Bushland Recreation Park</li> <li>• Linear Linkage Park</li> <li>• Foreshore Park</li> </ul> |
|         | Sporting Facilities                    | <ul style="list-style-type: none"> <li>• Local Sporting Facilities</li> <li>• District Sporting Facilities</li> <li>• Shire Sporting Facilities</li> </ul>  |
|         | Recreation Trails (Shire and District) | <ul style="list-style-type: none"> <li>• Class 1 trails</li> <li>• Class 2 trails</li> <li>• Class 3 trails</li> </ul>  |

**Table 28 - Schedule of Proposed Land / Works —Water Supply Network**

| Project ID                           | Trunk Infrastructure Item   |
|--------------------------------------|---|
| <b>NEW RESERVOIRS</b>                |   |
| <b>Dayboro</b>                       |   |
| PIPWS0002                            | RES-03, Dayboro LLZ Res No 2 near the existing reservoir site (1.5MI)         |
| <b>Petrie, Kallangur Supply Zone</b> |   |
| PIPWS0003                            | RES-04, Boundary Road Reservoir No 3 (24MI)                                   |
| <b>MAINS</b>                         |   |
| <b>Petrie, Kallangur Supply Zone</b> |   |
| PIPWS0031                            | WM-NLC, (500mm x 2800m) Main for feed from North Link Main Connector          |
| PIPWS0032                            | Flow Modulated Valve - RCC Main Protheroe Rd                                  |
| PIPWS0006                            | WM-BA01, (750mm x 2600m) Hughes Road (Bdy Rd Res to Old Gympie Rd)            |
| PIPWS0007                            | WM-KW01, (750mm x 1300m) Old Gympie Rd (Hughes Rd to White Horse Rd)          |
| PIPWS0008                            | WM-WA01, (750mm x 2300m) Old Gympie Road (White Horse Rd to Anzac Av)         |
| PIPWS0009                            | WM-KN02, (600mm x 180m) - Hughes Rd (Old Gympie Road to Goodwin Road)         |
| PIPWS0010                            | WM-OB01, (750 mm x 864m) Kerr Road Main (Old Gympie Rd- Balstrup Rd)          |
| PIPWS0011                            | WM-BR01, (750mm x 62m) Boundary Road Reservoir intake Main                    |
| PIPWS0038                            | WM-BY01, (300 mm x 428m) Anzac Avenue across the Creek to Brays Road          |
| PIPWS0015                            | WM-NS02A, (450mm x 911m) North South Arterial Rd up to Kinsellas Rd East      |
| PIPWS0033                            | WM-NS02B, (375mm x 410m) Kinsellas Rd East to Future Transport corridor       |
| PIPWS0016                            | WM-DG01, (300mm x 408m) Dohles Rocks Road (across Bruce Hwy)                  |
| PIPWS0039                            | WM-KRE, (375mm x 1250m) Water trunk main along Kinsellas Road East            |
| PIPWS0034                            | WM-MVR, (300mm x 1650m) Water trunk main along Maryvale Road                  |
| PIPWS0035                            | WM-FWC, (300mm x 2300m) Water trunk main for Freshwater Creek development     |
| PIPWS0036                            | WM-DHN, (300mm x 1220m) Water trunk main along Dholes Rocks Road & Henry Road |
| PIPWS0037                            | WM-KRM, (450mm x 120m) Duplication of main from Kallangur                     |



| Project ID                                 | Trunk Infrastructure Item  |
|--|--|
|  | Booster Pumps  |
| <b>Clear Mountain, Samford Supply Zone</b> |  |
| PIPWS0019                                  | WM-BR02, (1200 m x 150mm) - Buranda Rd Loop                              |
| PIPWS0028                                  | WM-JM01, (178m x 100mm) - Fire Flow Deficiency Jancy Court               |
| <b>Dayboro</b>                             |  |
| PIPWS0022                                  | WM-LR01, (150mm x 1030m) Extension of supply main to reservoir site      |
| <b>DISINFECTION BOOSTER STATIONS</b>       |  |
| <b>Hills Supply Zone</b>                   |  |
| PIPWS0024                                  | Disinfection booster system (most likely at Albany Ck LL Res., complex.) |

**Table 29 - Schedule of Proposed Land / Works —Sewerage Network**

| Project ID                              | Trunk Infrastructure Item  | Infrastructure Level |
|---|--|----------------------|
| <b>BRENDALE WWTP AUGMENTATION</b>       |  |                      |
| PIPWW70112                              | BWWTP Stage 3 Augmentation (PIP)                                       | Regional             |
| PIPWW70001                              | VEMP-Flow Balancing  | Regional             |
| PIPWW70002                              | Duplication of Existing Outfall  | Regional             |
| <b>MURRUMBA DOWNS WWTP AUGMENTATION</b> |  |                      |
| PIPWW70003                              | Stage 2 Augmentation (Capacity Upgrade) Improvements to existing plant | Regional             |
| PIPWW70113                              | Stage 3 Augmentation   | Regional             |
| <b>PUMPING STATIONS</b>                 |  |                      |
| PIPWW70005                              | FPS-E (PS135), Construct (89L/s; 6,839EP)                              | Local                |
| PIPWW70006                              | FPS-G (PS136), Construct (63L/s; 4,865EP)                              | Local                |
| PIPWW70007                              | FPS-A (PS170), Construct 95L/s; 7,269EP)                               | Local                |
| PIPWW70008                              | FPS-B (PS175), Construct (285L/s; 21,924EP)                            | Local                |
| PIPWW70009                              | FPS-C (PS174), Construct (156L/s; 12,025EP)                            | Local                |
| PIPWW70010                              | FPS-D (PS179), Construct (79L/s; 7,445EP)                              | Local                |
| PIPWW70011                              | FPS-F, Construct (18L/s; 1,377EP)                                      | Local                |
| PIPWW70012                              | FPS-H, Construct (25L/s; 1,927EP)                                      | Local                |
| PIPWW70013                              | PS108A, construct (364L/s; 31,261EP)                                   | Local                |
| PIPWW70014                              | PS118, Upgrade pumps for diversion of flow to FPS-A                    | Local                |
| PIPWW70015                              | PS181, Pump Upgrade to suite new rising main                           | Local                |
| PIPWW70034                              | PS107, Bypass and Decommission   | Local                |
| PIPWW70016                              | PS117, Bypass and Decommission   | Local                |
| PIPWW70017                              | PS113, Bypass and Decommission   | Local                |
| PIPWW70116                              | PS159 Bypass and Decommission  | Local                |
| PIPWW70117                              | Upgrade PS260 (Diversion to BCC sewer network)                         | Local                |
| PIPWW70088                              | PS203, New Pump Station (455L/s)                                       | Local                |
| PIPWW70089                              | PS231, Upgrade Pumps (118L/s)  | Local                |



| Project ID               | Trunk Infrastructure Item                                 | Infrastructure Level |
|--------------------------|---|----------------------|
| PIPWW70090               | PS234, Upgrade Pumps (28L/s)                              | Local                |
| PIPWW70091               | PS230, Upgrade Pumps (165L/s)                             | Local                |
| PIPWW70092               | PS402, Upgrade Pumps (27L/s)                              | Local                |
| PIPWW70093               | PS166, Upgrade Pumps (29L/s)                              | Local                |
| PIPWW70094               | PS102, Upgrade Pumps (357L/s)                             | Local                |
| PIPWW70095               | PS103, Upgrade Pumps (535L/s)                             | Local                |
| PIPWW70096               | PS104, Upgrade Pumps (106L/s)                             | Local                |
| PIPWW70097               | PS127, Upgrade Pumps (5L/s)                               | Local                |
| PIPWW70098               | PS143, Upgrade Pumps (696L/s)                             | Local                |
| PIPWW70099               | PS167, Upgrade Pumps (75L/s)                              | Local                |
| PIPWW70100               | PS180, Upgrade Pumps (201L/s)                             | Local                |
| <b>EMERGENCY STORAGE</b> |   |                      |
| PIPWW70019               | ES-A PS170 (185KL)  | Local                |
| PIPWW70020               | ES-B PS175 (460KL)  | Local                |
| PIPWW70021               | ES-C PS174 (215KL)  | Local                |
| PIPWW70022               | ES-D PS179 (290KL)  | Local                |
| PIPWW70023               | ES-F (55KL)   | Local                |
| PIPWW70024               | ES-H (75KL)   | Local                |
| PIPWW70025               | ES-E PS135 (267KL)  | Local                |
| PIPWW70026               | ES-G PS136 (189KL)  | Local                |
| PIPWW70027               | PS108A (700KL)  | Local                |
| PIPWW70120               | PS-181  | Local                |
| <b>GRAVITY SEWERS</b>    |   |                      |
| PIPWW70031               | EOH-BA2 (300mm x 927m)                                    | Local                |
| PIPWW70033               | EOH-BB2 (300mm x 560m)                                    | Local                |
| PIPWW70035               | EOH-CA1 (300mm x 194m)                                    | Local                |
| PIPWW70036               | EOH-CA2 (375mm x 1043)                                    | Local                |
| PIPWW70037               | EOH-CB2 (300mm x 580m)                                    | Local                |
| PIPWW70040               | EOH-DB2 (300mm x 672m)                                    | Local                |
| PIPWW70043               | EOH-EB2 (300mm x 543m)                                    | Local                |
| PIPWW70046               | WOH-AA1 (300mm x 500m)                                    | Local                |
| PIPWW70047               | WOH-AA2 (300mm x 600m)                                    | Local                |
| PIPWW70048               | WOH-AA3 (300mm x 131m)                                    | Local                |
| PIPWW70049               | WOH-BA (300mm x 1190m)                                    | Local                |
| PIPWW70050               | WOH-EA (300mm x 284m)                                     | Local                |
| PIPWW70052               | MDN-A (525mm x 2770m)                                     | Local                |
| PIPWW70055               | MDN-B (375mm x 1214m)                                     | Local                |
| PIPWW70125               | MDN-C (750mm x 596m)                                      | Local                |
| PIPWW70059               | MDN-J (375mm x 754m)                                      | Local                |
| PIPWW70109               | MDN-K (300mm x 407m)                                      | Local                |
| PIPWW70110               | GTY-175, Gravity main (700mm x 1020m)                     | Local                |
| PIPWW70111               | GTY-174, Gravity main from PS174 rising main (375mmx540m) | Local                |
| PIPWW70078               | NLK-EA (300mm x 900m)                                     | Local                |
| PIPWW70126               | NLK-EA (375mm x 1000m)                                    | Local                |
| PIPWW70128               | NLK-EB (300mm x 1000m)                                    | Local                |
| PIPWW70083               | NLK-ED (300mm x 1200m)                                    | Local                |
| PIPWW70129               | NLK-ED (450mm x 1150m)                                    | Local                |
| <b>PRESSURE MAINS</b>    |   |                      |
| PIPWW70066               | RMN-108A (500mm x 2795m)                                  | Local                |
| PIPWW70067               | RMN-135 (RM-E)(250mm x 929m)                              | Local                |
| PIPWW70068               | RMN-136 (RM-G)(225mm x 1515m)                             | Local                |
| PIPWW70069               | RMN-170 (RM-A1) (300mm x                                  | Local                |



| Project ID | Trunk Infrastructure Item                                     | Infrastructure Level |
|------------|---|----------------------|
|            | 1380m) FPS-A to Goodrich Rd                                   |                      |
| PIPWW70070 | RMN-170 (RM-A2) (300mm x 1165m) McClintock Drv to Ogg Rd      | Local                |
| PIPWW70071 | RMN-175 (2 x 400mm x 524HDPE + 2 x 300mm x 484DICACL)         | Local                |
| PIPWW70130 | RMN-174 (2X250mmx2,000m)                                      | Local                |
| PIPWW70074 | RMN-179 (RM-D) (225mm x 450m)                                 | Local                |
| PIPWW70075 | RMN-F (150mm x 770m)  | Local                |
| PIPWW70076 | RMN-H (150mm x 1234m)   | Local                |
| PIPWW70077 | RMN-181 (525mm x 7350m)                                       | Local                |
| PIPWW70131 | RMN-204 (225mm x 700m)  | Local                |
| PIPWW70132 | RMN260 (375mm) (Diversion of catchment to BCC sewer network.) | Local                |

**Table 30 - Schedule of Proposed Land / Works —Stormwater Network**

| Project ID | Trunk Infrastructure Item     | Quality/<br>Quantity<br>Infrastructure | Infrastructure Level |
|------------|-------------------------------|--|----------------------|
| AC_GPT_1   | Albany Creek GPT              | Quality                                | Creek                |
| AC_GPT_2   | Albany Creek GPT              | Quality                                | Creek                |
| AC_GPT_3   | Albany Creek GPT              | Quality                                | Creek                |
| AC_GPT_4   | Albany Creek GPT              | Quality                                | Creek                |
| AC_REH_1   | Albany Creek Rehabilitation   | Quality                                | Creek                |
| AC_REH_2   | Albany Creek Rehabilitation   | Quality                                | Creek                |
| AC_REH_3   | Albany Creek Rehabilitation   | Quality                                | Creek                |
| AC_RMIN_2  | Albany Creek RCMA Minor       | Quality                                | Creek                |
| AC_ST_1    | Albany Creek Sediment Trap    | Quality                                | Creek                |
| AC_ST_2    | Albany Creek Sediment Trap    | Quality                                | Creek                |
| AC_ST_3    | Albany Creek Sediment Trap    | Quality                                | Creek                |
| AC_ST_4    | Albany Creek Sediment Trap    | Quality                                | Creek                |
| AC_ST_5    | Albany Creek Sediment Trap    | Quality                                | Creek                |
| AC_ST_6    | Albany Creek Sediment Trap    | Quality                                | Creek                |
| AC_ST_7    | Albany Creek Sediment Trap    | Quality                                | Creek                |
| AC_ST_8    | Albany Creek Sediment Trap    | Quality                                | Creek                |
| AC_ST_9    | Albany Creek Sediment Trap    | Quality                                | Creek                |
| AC_TR_1    | Albany Creek Trash Rack       | Quality                                | Creek                |
| AC_TR_2    | Albany Creek Trash Rack       | Quality                                | Creek                |
| AC_TR_3    | Albany Creek Trash Rack       | Quality                                | Creek                |
| AC_TR_4    | Albany Creek Trash Rack       | Quality                                | Creek                |
| AC_TR_5    | Albany Creek Trash Rack       | Quality                                | Creek                |
| AC_TR_6    | Albany Creek Trash Rack       | Quality                                | Creek                |
| AC_TR_7    | Albany Creek Trash Rack       | Quality                                | Creek                |
| AC_TR_8    | Albany Creek Trash Rack       | Quality                                | Creek                |
| AC_WET_1   | Albany Creek Wetland          | Quality                                | Creek                |
| AC_WET_2   | Albany Creek Wetland          | Quality                                | Creek                |
| AC_WET_3   | Albany Creek Wetland          | Quality                                | Creek                |
| BC_CU_1    | Branch Creek Crossing Upgrade | Quantity                               | Creek                |
| BC_REH_1   | Branch Creek Rehabilitation   | Quality                                | Creek                |
| BC_REH_2   | Branch Creek Rehabilitation   | Quality                                | Creek                |
| BC_REV_1   | Branch Creek Revegetation     | Quality                                | Creek                |
| BC_REV_2   | Branch Creek Revegetation     | Quality                                | Creek                |
| BC_RMIN_1  | Branch Creek RCMA Minor       | Quality                                | Creek                |



| Project ID | Trunk Infrastructure Item                | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|--|--|-------------------------|
| BC_RMIN_2  | Branch Creek RCMA Minor                  | Quality                                | Creek                   |
| BS_GPT_1   | Brendale / Strathpine GPT                | Quality                                | Creek                   |
| BS_GPT_2   | Brendale / Strathpine GPT                | Quality                                | Creek                   |
| BS_REV_1   | Brendale / Strathpine Revegetation       | Quality                                | Creek                   |
| BS_ST_1    | Brendale / Strathpine Sediment Trap      | Quality                                | Creek                   |
| BS_ST_2    | Brendale / Strathpine Sediment Trap      | Quality                                | Creek                   |
| BS_ST_3    | Brendale / Strathpine Sediment Trap      | Quality                                | Creek                   |
| BS_ST_4    | Brendale / Strathpine Sediment Trap      | Quality                                | Creek                   |
| BS_ST_5    | Brendale / Strathpine Sediment Trap      | Quality                                | Creek                   |
| BS_TR_2    | Brendale / Strathpine Trash Rack         | Quality                                | Creek                   |
| BS_TR_3    | Brendale / Strathpine Trash Rack         | Quality                                | Creek                   |
| BS_WET_1   | Brendale / Strathpine Wetland            | Quality                                | Creek                   |
| BS_GPT_3   | Brendale / Strathpine GPT                | Quality                                | Creek                   |
| BS01_OCW1  | Brendale/Strathpine 01 Open Channel Work | Quantity                               | Local                   |
| BS01_PD_1  | Brendale/Strathpine 01 Pipe Drainage     | Quantity                               | Local                   |
| BS01_PD_2  | Brendale/Strathpine 01 Pipe Drainage     | Quantity                               | Local                   |
| BS01_PD_3  | Brendale/Strathpine 01 Pipe Drainage     | Quantity                               | Local                   |
| BS01_PD_4  | Brendale/Strathpine 01 Pipe Drainage     | Quantity                               | Local                   |
| CC_GPT_1   | Conflagration Creek GPT                  | Quality                                | Creek                   |
| CC_GPT_2   | Conflagration Creek GPT                  | Quality                                | Creek                   |
| CC_GPT_3   | Conflagration Creek GPT                  | Quality                                | Creek                   |
| CC_GPT_4   | Conflagration Creek GPT                  | Quality                                | Creek                   |
| CC_GPT_5   | Conflagration Creek GPT                  | Quality                                | Creek                   |
| CC_REH_1   | Conflagration Creek Rehabilitation       | Quality                                | Creek                   |
| CC_RES_1   | Conflagration Creek Corridor - Reserve   | Quantity                               | Creek                   |
| CC_RMIN_1  | Conflagration Creek RCMA Minor           | Quality                                | Creek                   |
| CC_ST_1    | Conflagration Creek Sediment Trap        | Quality                                | Creek                   |
| CC_TR_1    | Conflagration Creek Trash Rack           | Quality                                | Creek                   |
| CC_TR_2    | Conflagration Creek Trash Rack           | Quality                                | Creek                   |
| CC_TR_3    | Conflagration Creek Trash Rack           | Quality                                | Creek                   |
| CC_TR_4    | Conflagration Creek Trash Rack           | Quality                                | Creek                   |
| CC_TR_5    | Conflagration Creek Trash Rack           | Quality                                | Creek                   |
| CC_TR_6    | Conflagration Creek Trash Rack           | Quality                                | Creek                   |
| CC_TR_7    | Conflagration Creek Trash Rack           | Quality                                | Creek                   |
| CC_TR_8    | Conflagration Creek Trash Rack           | Quality                                | Creek                   |
| CC_TR_9    | Conflagration Creek Trash Rack           | Quality                                | Creek                   |
| CC_WET_1   | Conflagration Creek Wetland              | Quality                                | Creek                   |
| COU_DB_1   | Coulthards Creek Detention Basin         | Quantity                               | Creek                   |



| Project ID | Trunk Infrastructure Item              | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|--|--|-------------------------|
| COU_DB_2   | Coulthards Creek Detention Basin       | Quantity                               | Creek                   |
| COU_GPT_1  | Coulthards Creek GPT                   | Quality                                | Creek                   |
| COU_GPT_2  | Coulthards Creek GPT                   | Quality                                | Creek                   |
| COU_GPT_3  | Coulthards Creek GPT                   | Quality                                | Creek                   |
| COU_GPT_4  | Coulthards Creek GPT                   | Quality                                | Creek                   |
| COU_GPT_5  | Coulthards Creek GPT                   | Quality                                | Creek                   |
| COU_GPT_6  | Coulthards Creek GPT                   | Quality                                | Creek                   |
| COU_GPT_7  | Coulthards Creek GPT                   | Quality                                | Creek                   |
| COU_OCW_1  | Coulthards Creek Open Channel Work     | Quantity                               | Creek                   |
| COU_REH_1  | Coulthards Creek Rehabilitation        | Quality                                | Creek                   |
| COU_RES_1  | Coulthards Creek Corridor - Reserve    | Quantity                               | Creek                   |
| COU_ST_1   | Coulthards Creek Sediment Trap         | Quality                                | Creek                   |
| COU_ST_2   | Coulthards Creek Sediment Trap         | Quality                                | Creek                   |
| COU_ST_3   | Coulthards Creek Sediment Trap         | Quality                                | Creek                   |
| COU_ST_4   | Coulthards Creek Sediment Trap         | Quality                                | Creek                   |
| COU_ST_5   | Coulthards Creek Sediment Trap         | Quality                                | Creek                   |
| COU_ST_6   | Coulthards Creek Sediment Trap         | Quality                                | Creek                   |
| COU_TR_1   | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_TR_10  | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_TR_11  | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_TR_2   | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_TR_3   | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_TR_4   | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_TR_5   | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_TR_6   | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_TR_7   | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_TR_8   | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_TR_9   | Coulthards Creek Trash Rack            | Quality                                | Creek                   |
| COU_WET_1  | Coulthards Creek Wetland               | Quality                                | Creek                   |
| COU01_PD_1 | Coulthards Creek 01 Pipe Drainage      | Quantity                               | Local                   |
| COU01_PD_2 | Coulthards Creek 01 Pipe Drainage      | Quantity                               | Local                   |
| CT_CU_3    | Cabbage Tree Creek Crossing Upgrade    | Quantity                               | Creek                   |
| CT_GPT_1   | Cabbage Tree Creek GPT                 | Quality                                | Creek                   |
| CT_GPT_10  | Cabbage Tree Creek GPT                 | Quality                                | Creek                   |
| CT_GPT_2   | Cabbage Tree Creek GPT                 | Quality                                | Creek                   |
| CT_GPT_3   | Cabbage Tree Creek GPT                 | Quality                                | Creek                   |
| CT_GPT_4   | Cabbage Tree Creek GPT                 | Quality                                | Creek                   |
| CT_GPT_5   | Cabbage Tree Creek GPT                 | Quality                                | Creek                   |
| CT_GPT_6   | Cabbage Tree Creek GPT                 | Quality                                | Creek                   |
| CT_GPT_7   | Cabbage Tree Creek GPT                 | Quality                                | Creek                   |
| CT_GPT_8   | Cabbage Tree Creek GPT                 | Quality                                | Creek                   |
| CT_GPT_9   | Cabbage Tree Creek GPT                 | Quality                                | Creek                   |
| CT_REH_1   | Cabbage Tree Creek Rehabilitation      | Quality                                | Creek                   |
| CT_REV_1   | Cabbage Tree Creek Revegetation        | Quality                                | Creek                   |
| CT_SB_1    | Cabbage Tree Creek Sedimentation Basin | Quality                                | Creek                   |



| Project ID | Trunk Infrastructure Item           | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|-------------------------------------|--|-------------------------|
| DV_GPT_1   | Dayboro Village GPT                 | Quality                                | Creek                   |
| DV_GPT_10  | Dayboro Village GPT                 | Quality                                | Creek                   |
| DV_GPT_2   | Dayboro Village GPT                 | Quality                                | Creek                   |
| DV_GPT_3   | Dayboro Village GPT                 | Quality                                | Creek                   |
| DV_GPT_4   | Dayboro Village GPT                 | Quality                                | Creek                   |
| DV_GPT_5   | Dayboro Village GPT                 | Quality                                | Creek                   |
| DV_GPT_6   | Dayboro Village GPT                 | Quality                                | Creek                   |
| DV_GPT_7   | Dayboro Village GPT                 | Quality                                | Creek                   |
| DV_GPT_8   | Dayboro Village GPT                 | Quality                                | Creek                   |
| DV_GPT_9   | Dayboro Village GPT                 | Quality                                | Creek                   |
| DV_REV_1   | Dayboro Village Revegetation        | Quality                                | Creek                   |
| DV_RMAJ_1  | Dayboro Village RCMA Major          | Quality                                | Creek                   |
| DV_RMIN_1  | Dayboro Village RCMA Minor          | Quality                                | Creek                   |
| DV_ST_1    | Dayboro Village Sediment Trap       | Quality                                | Creek                   |
| DV_ST_2    | Dayboro Village Sediment Trap       | Quality                                | Creek                   |
| DV_ST_3    | Dayboro Village Sediment Trap       | Quality                                | Creek                   |
| DV_ST_4    | Dayboro Village Sediment Trap       | Quality                                | Creek                   |
| DV_ST_5    | Dayboro Village Sediment Trap       | Quality                                | Creek                   |
| DV_ST_6    | Dayboro Village Sediment Trap       | Quality                                | Creek                   |
| DV_ST_7    | Dayboro Village Sediment Trap       | Quality                                | Creek                   |
| DV_ST_8    | Dayboro Village Sediment Trap       | Quality                                | Creek                   |
| DV_ST_9    | Dayboro Village Sediment Trap       | Quality                                | Creek                   |
| ED_GPT_1   | Eatons Hill / Draper GPT            | Quality                                | Creek                   |
| ED_REH_1   | Eatons Hill / Draper Rehabilitation | Quality                                | Creek                   |
| ED_REH_2   | Eatons Hill / Draper Rehabilitation | Quality                                | Creek                   |
| ED_REV_2   | Eatons Hill / Draper Revegetation   | Quality                                | Creek                   |
| ED_RMIN_1  | Eatons Hill / Draper RCMA Minor     | Quality                                | Creek                   |
| ED_ST_1    | Eatons Hill / Draper Sediment Trap  | Quality                                | Creek                   |
| ED_ST_2    | Eatons Hill / Draper Sediment Trap  | Quality                                | Creek                   |
| ED_ST_3    | Eatons Hill / Draper Sediment Trap  | Quality                                | Creek                   |
| ED_ST_4    | Eatons Hill / Draper Sediment Trap  | Quality                                | Creek                   |
| ED_ST_5    | Eatons Hill / Draper Sediment Trap  | Quality                                | Creek                   |
| ED_ST_6    | Eatons Hill / Draper Sediment Trap  | Quality                                | Creek                   |
| ED_TR_1    | Eatons Hill / Draper Trash Rack     | Quality                                | Creek                   |
| ED_TR_2    | Eatons Hill / Draper Trash Rack     | Quality                                | Creek                   |
| EW_GPT_1   | Eatons Hill / Warner GPT            | Quality                                | Creek                   |
| EW_REH_1   | Eatons Hill / Warner Rehabilitation | Quality                                | Creek                   |
| EW_WET_1   | Eatons Hill / Warner Wetland        | Quality                                | Creek                   |
| FC_DB_2    | Freshwater Creek Detention Basin    | Quantity                               | Creek                   |
| FC_DB_3    | Freshwater Creek Detention Basin    | Quantity                               | Creek                   |
| FC_GPT_1   | Freshwater Creek GPT                | Quality                                | Creek                   |
| FC_GPT_10  | Freshwater Creek GPT                | Quality                                | Creek                   |
| FC_GPT_100 | Freshwater Creek GPT                | Quality                                | Creek                   |



| Project ID | Trunk Infrastructure Item | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|---------------------------|--|-------------------------|
| FC_GPT_11  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_12  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_13  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_14  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_15  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_16  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_17  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_18  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_2   | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_20  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_21  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_22  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_23  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_24  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_25  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_26  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_27  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_28  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_29  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_3   | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_30  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_31  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_32  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_33  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_34  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_35  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_36  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_37  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_38  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_39  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_4   | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_40  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_41  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_42  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_43  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_44  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_45  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_46  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_47  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_48  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_49  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_5   | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_50  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_51  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_52  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_53  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_54  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_55  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_56  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_57  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_58  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_59  | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_6   | Freshwater Creek GPT      | Quality                                | Creek                   |
| FC_GPT_60  | Freshwater Creek GPT      | Quality                                | Creek                   |



| Project ID | Trunk Infrastructure Item            | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|--------------------------------------|--|-------------------------|
| FC_GPT_61  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_62  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_63  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_64  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_65  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_66  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_67  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_68  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_69  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_7   | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_70  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_71  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_72  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_73  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_74  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_75  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_76  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_77  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_78  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_79  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_8   | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_80  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_81  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_82  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_83  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_84  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_85  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_86  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_87  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_88  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_89  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_9   | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_90  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_91  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_92  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_94  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_95  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_96  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_97  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_98  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_GPT_99  | Freshwater Creek GPT                 | Quality                                | Creek                   |
| FC_REH_2   | Freshwater Creek Rehabilitation      | Quality                                | Creek                   |
| FC_REV_1   | Freshwater Creek Revegetation        | Quality                                | Creek                   |
| FC_SB_1    | Freshwater Creek Sedimentation Basin | Quality                                | Creek                   |
| FM_CU_1    | Four Mile Creek Crossing Upgrade     | Quantity                               | Creek                   |
| FM_DB_1    | Four Mile Creek Detention Basin      | Quantity                               | Creek                   |
| FM_DB_2    | Four Mile Creek Detention Basin      | Quantity                               | Creek                   |
| FM_DB_3    | Four Mile Creek Detention Basin      | Quantity                               | Creek                   |
| FM_GPT_1   | Four Mile Creek GPT                  | Quality                                | Creek                   |
| FM_GPT_10  | Four Mile Creek GPT                  | Quality                                | Creek                   |
| FM_GPT_11  | Four Mile Creek GPT                  | Quality                                | Creek                   |
| FM_GPT_12  | Four Mile Creek GPT                  | Quality                                | Creek                   |



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| Project ID | Trunk Infrastructure Item      | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|--------------------------------|--|-------------------------|
| FM_GPT_2   | Four Mile Creek GPT            | Quality                                | Creek                   |
| FM_GPT_3   | Four Mile Creek GPT            | Quality                                | Creek                   |
| FM_GPT_4   | Four Mile Creek GPT            | Quality                                | Creek                   |
| FM_GPT_5   | Four Mile Creek GPT            | Quality                                | Creek                   |
| FM_GPT_6   | Four Mile Creek GPT            | Quality                                | Creek                   |
| FM_GPT_7   | Four Mile Creek GPT            | Quality                                | Creek                   |
| FM_GPT_8   | Four Mile Creek GPT            | Quality                                | Creek                   |
| FM_GPT_9   | Four Mile Creek GPT            | Quality                                | Creek                   |
| FM_REH_1   | Four Mile Creek Rehabilitation | Quality                                | Creek                   |
| FM_REH_2   | Four Mile Creek Rehabilitation | Quality                                | Creek                   |
| FM_REH_3   | Four Mile Creek Rehabilitation | Quality                                | Creek                   |
| FM_REH_5   | Four Mile Creek Rehabilitation | Quality                                | Creek                   |
| FM_REV_1   | Four Mile Creek Revegetation   | Quality                                | Creek                   |
| FM_REV_2   | Four Mile Creek Revegetation   | Quality                                | Creek                   |
| FM_REV_3   | Four Mile Creek Revegetation   | Quality                                | Creek                   |
| FM_REV_4   | Four Mile Creek Revegetation   | Quality                                | Creek                   |
| FM_ST_1    | Four Mile Creek Sediment Trap  | Quality                                | Creek                   |
| FM_ST_2    | Four Mile Creek Sediment Trap  | Quality                                | Creek                   |
| FM_ST_3    | Four Mile Creek Sediment Trap  | Quality                                | Creek                   |
| FM_ST_4    | Four Mile Creek Sediment Trap  | Quality                                | Creek                   |
| FM_ST_5    | Four Mile Creek Sediment Trap  | Quality                                | Creek                   |
| FM_ST_6    | Four Mile Creek Sediment Trap  | Quality                                | Creek                   |
| FM_ST_7    | Four Mile Creek Sediment Trap  | Quality                                | Creek                   |
| FM_ST_8    | Four Mile Creek Sediment Trap  | Quality                                | Creek                   |
| FM_ST_9    | Four Mile Creek Sediment Trap  | Quality                                | Creek                   |
| FM_TR_1    | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_10   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_11   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_12   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_13   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_14   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_15   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_16   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_17   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_18   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_19   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_2    | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_20   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_21   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_22   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_23   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_24   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_25   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_26   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_27   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_28   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_29   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_3    | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_30   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_31   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_32   | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_4    | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_5    | Four Mile Creek Trash rack     | Quality                                | Creek                   |
| FM_TR_6    | Four Mile Creek Trash rack     | Quality                                | Creek                   |



| Project ID | Trunk Infrastructure Item         | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|-----------------------------------|--|-------------------------|
| FM_TR_7    | Four Mile Creek Trash rack        | Quality                                | Creek                   |
| FM_TR_8    | Four Mile Creek Trash rack        | Quality                                | Creek                   |
| FM_TR_9    | Four Mile Creek Trash rack        | Quality                                | Creek                   |
| FM_WET_1   | Four Mile Creek Wetland           | Quality                                | Creek                   |
| FM_WET_2   | Four Mile Creek Wetland           | Quality                                | Creek                   |
| FW01_PD_1  | Freshwater Creek 01 Pipe Drainage | Quantity                               | Local                   |
| FW01_PD_2  | Freshwater Creek 01 Pipe Drainage | Quantity                               | Local                   |
| FW01_PD_3  | Freshwater Creek 01 Pipe Drainage | Quantity                               | Local                   |
| FW02_PD_1  | Freshwater Creek 02 Pipe Drainage | Quantity                               | Local                   |
| FW02_PD_2  | Freshwater Creek 02 Pipe Drainage | Quantity                               | Local                   |
| FW03_PD_1  | Freshwater Creek 03 Pipe Drainage | Quantity                               | Local                   |
| FW03_PD_2  | Freshwater Creek 03 Pipe Drainage | Quantity                               | Local                   |
| GR_BIO_1   | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_10  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_11  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_12  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_13  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_14  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_15  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_16  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_17  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_18  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_19  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_2   | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_20  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_21  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_22  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_23  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_24  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_25  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_26  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_27  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_28  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_29  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_3   | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_30  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_31  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_32  | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_4   | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_5   | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_6   | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_7   | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_8   | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BIO_9   | Griffin Bioretention Basin        | Quality                                | Creek                   |
| GR_BS_1    | Griffin Bank Stabilisation        | Quantity                               | Creek                   |
| GR_BS_2    | Griffin Bank Stabilisation        | Quantity                               | Creek                   |
| GR_BS_3    | Griffin Bank Stabilisation        | Quantity                               | Creek                   |



| Project ID | Trunk Infrastructure Item       | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|---------------------------------|--|-------------------------|
| GR_BS_4    | Griffin Bank Stabilisation      | Quantity                               | Creek                   |
| GR_CU_1    | Griffin Crossing Upgrade        | Quantity                               | Creek                   |
| GR_CU_2    | Griffin Crossing Upgrade        | Quantity                               | Creek                   |
| GR_CU_3    | Griffin Crossing Upgrade        | Quantity                               | Creek                   |
| GR_DB_1    | Griffin Detention Basin         | Quantity                               | Creek                   |
| GR_DB_2    | Griffin Detention Basin         | Quantity                               | Creek                   |
| GR_DB_3    | Griffin Detention Basin         | Quantity                               | Creek                   |
| GR_GPT_1   | Griffin GPT                     | Quality                                | Creek                   |
| GR_GPT_2   | Griffin GPT                     | Quality                                | Creek                   |
| GR_GPT_3   | Griffin GPT                     | Quality                                | Creek                   |
| GR_POND_1  | Griffin Pond                    | Quality                                | Creek                   |
| GR_POND_2  | Griffin Pond                    | Quality                                | Creek                   |
| GR_POND_3  | Griffin Pond                    | Quality                                | Creek                   |
| GR_REH_1   | Griffin Rehabilitation          | Quality                                | Creek                   |
| GR_REH_1a  | Griffin Rehabilitation          | Quality                                | Creek                   |
| GR_REH_2   | Griffin Rehabilitation          | Quality                                | Creek                   |
| GR_REH_3   | Griffin Rehabilitation          | Quality                                | Creek                   |
| GR_REH_4   | Griffin Rehabilitation          | Quality                                | Creek                   |
| GR_REH_5   | Griffin Rehabilitation          | Quality                                | Creek                   |
| GR_REV_1   | Griffin Revegetation            | Quality                                | Creek                   |
| GR_REV_2   | Griffin Revegetation            | Quality                                | Creek                   |
| GR_REV_3   | Griffin Revegetation            | Quality                                | Creek                   |
| GR_REV_4   | Griffin Revegetation            | Quality                                | Creek                   |
| GR_RMIN_1  | Griffin RCMA Minor              | Quality                                | Creek                   |
| GR_RMIN_2  | Griffin RCMA Minor              | Quality                                | Creek                   |
| GR_RMIN_3  | Griffin RCMA Minor              | Quality                                | Creek                   |
| GR_RMIN_4  | Griffin RCMA Minor              | Quality                                | Creek                   |
| GR_RMIN_5  | Griffin RCMA Minor              | Quality                                | Creek                   |
| GR_RMIN_6  | Griffin RCMA Minor              | Quality                                | Creek                   |
| GR_SW_1    | Griffin Swale                   | Quality                                | Creek                   |
| GR_WET_1   | Griffin Wetland                 | Quality                                | Creek                   |
| GR_WET_2   | Griffin Wetland                 | Quality                                | Creek                   |
| GR_WET_3   | Griffin Wetland                 | Quality                                | Creek                   |
| GR_WET_4   | Griffin Wetland                 | Quality                                | Creek                   |
| GR_WET_5   | Griffin Wetland                 | Quality                                | Creek                   |
| KB_BS_1    | Kedron Brook Bank Stabilisation | Quantity                               | Creek                   |
| KB_BS_2    | Kedron Brook Bank Stabilisation | Quantity                               | Creek                   |
| KB_GPT_1   | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_10  | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_11  | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_12  | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_13  | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_14  | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_15  | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_16  | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_17  | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_18  | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_19  | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_2   | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_3   | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_4   | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_5   | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_6   | Kedron Brook GPT                | Quality                                | Creek                   |
| KB_GPT_7   | Kedron Brook GPT                | Quality                                | Creek                   |



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| Project ID | Trunk Infrastructure Item           | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|-------------------------------------|--|-------------------------|
| KB_GPT_8   | Kedron Brook GPT                    | Quality                                | Creek                   |
| KB_GPT_9   | Kedron Brook GPT                    | Quality                                | Creek                   |
| KB_OCW_1   | Kedron Brook Open Channel Work      | Quantity                               | Creek                   |
| KB_REH_1   | Kedron Brook Rehabilitation         | Quality                                | Creek                   |
| KB_REH_2   | Kedron Brook Rehabilitation         | Quality                                | Creek                   |
| KB_REH_3   | Kedron Brook Rehabilitation         | Quality                                | Creek                   |
| KB_REV_1   | Kedron Brook Revegetation           | Quality                                | Creek                   |
| KB_REV_3   | Kedron Brook Revegetation           | Quality                                | Creek                   |
| KB_RMAJ_1  | Kedron Brook RCMA Major             | Quality                                | Creek                   |
| KC_BS_1    | Kingfisher Creek Bank Stabilisation | Quantity                               | Creek                   |
| KC_GPT_1   | Kingfisher Creek GPT                | Quality                                | Creek                   |
| KC_GPT_2   | Kingfisher Creek GPT                | Quality                                | Creek                   |
| KC_GPT_3   | Kingfisher Creek GPT                | Quality                                | Creek                   |
| KC_GPT_4   | Kingfisher Creek GPT                | Quality                                | Creek                   |
| KC_GPT_5   | Kingfisher Creek GPT                | Quality                                | Creek                   |
| KC_GPT_6   | Kingfisher Creek GPT                | Quality                                | Creek                   |
| KC_GPT_7   | Kingfisher Creek GPT                | Quality                                | Creek                   |
| KC_REH_1   | Kingfisher Creek Rehabilitation     | Quality                                | Creek                   |
| KC_ST_10   | Kingfisher Creek Sediment Trap      | Quality                                | Creek                   |
| KC_ST_2    | Kingfisher Creek Sediment Trap      | Quality                                | Creek                   |
| KC_ST_3    | Kingfisher Creek Sediment Trap      | Quality                                | Creek                   |
| KC_ST_4    | Kingfisher Creek Sediment Trap      | Quality                                | Creek                   |
| KC_ST_5    | Kingfisher Creek Sediment Trap      | Quality                                | Creek                   |
| KC_ST_6    | Kingfisher Creek Sediment Trap      | Quality                                | Creek                   |
| KC_ST_7    | Kingfisher Creek Sediment Trap      | Quality                                | Creek                   |
| KC_ST_8    | Kingfisher Creek Sediment Trap      | Quality                                | Creek                   |
| KC_ST_9    | Kingfisher Creek Sediment Trap      | Quality                                | Creek                   |
| KC_TR_1    | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_10   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_11   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_12   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_13   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_14   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_15   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_16   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_17   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_18   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_19   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_2    | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_20   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_21   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_22   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_23   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_24   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_25   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_26   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_27   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_28   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_29   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_3    | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_32   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_33   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |



| Project ID | Trunk Infrastructure Item           | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|-------------------------------------|--|-------------------------|
| KC_TR_34   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_35   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_36   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_37   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_38   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_39   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_4    | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_40   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_41   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_42   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_43   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_44   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_45   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_46   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_47   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_48   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_49   | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_5    | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_6    | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_7    | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_8    | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_TR_9    | Kingfisher Creek Trash Rack         | Quality                                | Creek                   |
| KC_WET_1   | Kingfisher Creek Wetland            | Quality                                | Creek                   |
| KC_WET_2   | Kingfisher Creek Wetland            | Quality                                | Creek                   |
| NPR_CU_1   | North Pine River Crossing Upgrade   | Quantity                               | River                   |
| NPR_CU_2   | North Pine River Crossing Upgrade   | Quantity                               | River                   |
| NPR_CU_3   | North Pine River Crossing Upgrade   | Quantity                               | River                   |
| NPR_CU_4   | North Pine River Crossing Upgrade   | Quantity                               | River                   |
| NPR_REH_10 | North Pine River Rehabilitation     | Quality                                | River                   |
| NPR_REH_7  | North Pine River Rehabilitation     | Quality                                | River                   |
| NPR_REH_8  | North Pine River Rehabilitation     | Quality                                | River                   |
| NPR_REH_9  | North Pine River Rehabilitation     | Quality                                | River                   |
| NPR_RES_10 | North Pine River Corridor - Reserve | Quantity                               | River                   |
| NPR_RES_11 | North Pine River Corridor - Reserve | Quantity                               | River                   |
| NPR_REV_1  | North Pine River Revegetation       | Quality                                | River                   |
| NPR_REV_10 | North Pine River Revegetation       | Quality                                | River                   |
| NPR_REV_11 | North Pine River Revegetation       | Quality                                | River                   |
| NPR_REV_2  | North Pine River Revegetation       | Quality                                | River                   |
| NPR_REV_3  | North Pine River Revegetation       | Quality                                | River                   |
| NPR_REV_4  | North Pine River Revegetation       | Quality                                | River                   |
| NPR_REV_5  | North Pine River Revegetation       | Quality                                | River                   |
| NPR_REV_6  | North Pine River Revegetation       | Quality                                | River                   |
| NPR_REV_7  | North Pine River Revegetation       | Quality                                | River                   |
| NPR_REV_8  | North Pine River Revegetation       | Quality                                | River                   |
| NPR_REV_9  | North Pine River Revegetation       | Quality                                | River                   |
| NPR_RMAJ_2 | North Pine River RCMA Major         | Quality                                | River                   |
| NPR_RMAJ_3 | North Pine River RCMA Major         | Quality                                | River                   |
| NPR_RMAJ_4 | North Pine River RCMA Major         | Quality                                | River                   |



| Project ID | Trunk Infrastructure Item            | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|--------------------------------------|--|-------------------------|
| NPR_RMAJ_5 | North Pine River RCMA Major          | Quality                                | River                   |
| NPR_RMAJ_6 | North Pine River RCMA Major          | Quality                                | River                   |
| NPR_RMAJ_7 | North Pine River RCMA Major          | Quality                                | River                   |
| OM_BS_1    | One Mile Creek Bank<br>Stabilisation | Quantity                               | Creek                   |
| OM_BS_3    | One Mile Creek Bank<br>Stabilisation | Quantity                               | Creek                   |
| OM_BS_4    | One Mile Creek Bank<br>Stabilisation | Quantity                               | Creek                   |
| OM_DB_2    | One Mile Creek Detention Basin       | Quantity                               | Creek                   |
| OM_GPT_1   | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_GPT_10  | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_GPT_11  | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_GPT_12  | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_GPT_13  | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_GPT_14  | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_GPT_2   | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_GPT_3   | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_GPT_5   | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_GPT_6   | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_GPT_7   | One Mile Creek GPT                   | Quality                                | Creek                   |
| OM_REH_1   | One Mile Creek Rehabilitation        | Quality                                | Creek                   |
| OM_REH_2   | One Mile Creek Rehabilitation        | Quality                                | Creek                   |
| OM_REH_3   | One Mile Creek Rehabilitation        | Quality                                | Creek                   |
| OM_REH_4   | One Mile Creek Rehabilitation        | Quality                                | Creek                   |
| OM_REH_5   | One Mile Creek Rehabilitation        | Quality                                | Creek                   |
| OM_REH_6   | One Mile Creek Rehabilitation        | Quality                                | Creek                   |
| OM_SW_1    | One Mile Creek Swale                 | Quality                                | Creek                   |
| OM_WET_1   | One Mile Creek Wetland               | Quality                                | Creek                   |
| OM_WET_10  | One Mile Creek Wetland               | Quality                                | Creek                   |
| OM_WET_2   | One Mile Creek Wetland               | Quality                                | Creek                   |
| OM_WET_3   | One Mile Creek Wetland               | Quality                                | Creek                   |
| OM_WET_4   | One Mile Creek Wetland               | Quality                                | Creek                   |
| OM_WET_5   | One Mile Creek Wetland               | Quality                                | Creek                   |
| OM_WET_6   | One Mile Creek Wetland               | Quality                                | Creek                   |
| OM_WET_7   | One Mile Creek Wetland               | Quality                                | Creek                   |
| OM_WET_8   | One Mile Creek Wetland               | Quality                                | Creek                   |
| OM_WET_9   | One Mile Creek Wetland               | Quality                                | Creek                   |
| P01_PD_1   | Petrie 01 Pipe Drainage              | Quantity                               | Local                   |
| P01_PD_2   | Petrie 01 Pipe Drainage              | Quantity                               | Local                   |
| P01_PD_3   | Petrie 01 Pipe Drainage              | Quantity                               | Local                   |
| PE_DB_1    | Petrie Detention Basin               | Quantity                               | Creek                   |
| PE_GPT_1   | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_10  | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_11  | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_12  | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_13  | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_14  | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_15  | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_16  | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_17  | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_18  | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_19  | Petrie GPT                           | Quality                                | Creek                   |
| PE_GPT_2   | Petrie GPT                           | Quality                                | Creek                   |



| Project ID | Trunk Infrastructure Item             | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|---------------------------------------|--|-------------------------|
| PE_GPT_20  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_21  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_22  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_23  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_24  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_25  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_26  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_27  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_28  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_29  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_3   | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_30  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_31  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_32  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_33  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_34  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_35  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_36  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_37  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_38  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_39  | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_4   | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_5   | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_6   | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_7   | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_8   | Petrie GPT                            | Quality                                | Creek                   |
| PE_GPT_9   | Petrie GPT                            | Quality                                | Creek                   |
| PE_REH_1   | Petrie Rehabilitation                 | Quality                                | Creek                   |
| PE_REV_1   | Petrie Revegetation                   | Quality                                | Creek                   |
| PE_WET_1   | Petrie Wetland                        | Quality                                | Creek                   |
| PE_WET_2   | Petrie Wetland                        | Quality                                | Creek                   |
| PE_WET_3   | Petrie Wetland                        | Quality                                | Creek                   |
| PE_WET_4   | Petrie Wetland                        | Quality                                | Creek                   |
| SAL_BS_1   | Saltwater Creek Bank<br>Stabilisation | Quantity                               | Creek                   |
| SAL_CU_3   | Saltwater Creek Crossing<br>Upgrade   | Quantity                               | Creek                   |
| SAL_CU_4   | Saltwater Creek Crossing<br>Upgrade   | Quantity                               | Creek                   |
| SAL_DB_1   | Saltwater Creek Detention Basin       | Quantity                               | Creek                   |
| SAL_DB_10  | Saltwater Creek Detention Basin       | Quantity                               | Creek                   |
| SAL_DB_11  | Saltwater Creek Detention Basin       | Quantity                               | Creek                   |
| SAL_DB_2   | Saltwater Creek Detention Basin       | Quantity                               | Creek                   |
| SAL_DB_6   | Saltwater Creek Detention Basin       | Quantity                               | Creek                   |
| SAL_DB_9   | Saltwater Creek Detention Basin       | Quantity                               | Creek                   |
| SAL_GPT_1  | Saltwater Creek GPT                   | Quality                                | Creek                   |
| SAL_GPT_14 | Saltwater Creek GPT                   | Quality                                | Creek                   |
| SAL_GPT_15 | Saltwater Creek GPT                   | Quality                                | Creek                   |
| SAL_GPT_16 | Saltwater Creek GPT                   | Quality                                | Creek                   |
| SAL_GPT_18 | Saltwater Creek GPT                   | Quality                                | Creek                   |
| SAL_GPT_2  | Saltwater Creek GPT                   | Quality                                | Creek                   |
| SAL_GPT_20 | Saltwater Creek GPT                   | Quality                                | Creek                   |
| SAL_GPT_21 | Saltwater Creek GPT                   | Quality                                | Creek                   |
| SAL_GPT_22 | Saltwater Creek GPT                   | Quality                                | Creek                   |



| Project ID | Trunk Infrastructure Item          | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|------------------------------------|--|-------------------------|
| SAL_GPT_23 | Saltwater Creek GPT                | Quality                                | Creek                   |
| SAL_GPT_3  | Saltwater Creek GPT                | Quality                                | Creek                   |
| SAL_GPT_4  | Saltwater Creek GPT                | Quality                                | Creek                   |
| SAL_GPT_6  | Saltwater Creek GPT                | Quality                                | Creek                   |
| SAL_GPT_8  | Saltwater Creek GPT                | Quality                                | Creek                   |
| SAL_GPT_9  | Saltwater Creek GPT                | Quality                                | Creek                   |
| SAL_REH_1  | Saltwater Creek Rehabilitation     | Quality                                | Creek                   |
| SAL_REH_2  | Saltwater Creek Rehabilitation     | Quality                                | Creek                   |
| SAL_REH_3  | Saltwater Creek Rehabilitation     | Quality                                | Creek                   |
| SAL_REH_4  | Saltwater Creek Rehabilitation     | Quality                                | Creek                   |
| SAL_REH_5  | Saltwater Creek Rehabilitation     | Quality                                | Creek                   |
| SAL_RES_1  | Saltwater Creek Corridor - Reserve | Quantity                               | Creek                   |
| SAL_RES_4  | Saltwater Creek Corridor - Reserve | Quantity                               | Creek                   |
| SAL_REV_1  | Saltwater Creek Revegetation       | Quality                                | Creek                   |
| SAL_REV_2  | Saltwater Creek Revegetation       | Quality                                | Creek                   |
| SAL_REV_4  | Saltwater Creek Revegetation       | Quality                                | Creek                   |
| SAL_REV_5  | Saltwater Creek Revegetation       | Quality                                | Creek                   |
| SAL_RMAJ_1 | Saltwater Creek RCMA Major         | Quality                                | Creek                   |
| SAL_RMAJ_2 | Saltwater Creek RCMA Major         | Quality                                | Creek                   |
| SAL_RMAJ_3 | Saltwater Creek RCMA Major         | Quality                                | Creek                   |
| SAL_RMAJ_4 | Saltwater Creek RCMA Major         | Quality                                | Creek                   |
| SAL_RMAJ_5 | Saltwater Creek RCMA Major         | Quality                                | Creek                   |
| SAL_TR_1   | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_11  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_12  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_13  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_14  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_15  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_16  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_17  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_18  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_19  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_2   | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_20  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_21  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_22  | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_7   | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_TR_8   | Saltwater Creek Trash Rack         | Quality                                | Creek                   |
| SAL_WET_1  | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_10 | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_11 | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_12 | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_14 | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_18 | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_2  | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_3  | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_5  | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_6  | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_7  | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_8  | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SAL_WET_9  | Saltwater Creek Wetland            | Quality                                | Creek                   |
| SC_GPT_1   | Sandy Creek GPT                    | Quality                                | Creek                   |



| Project ID | Trunk Infrastructure Item         | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|-----------------------------------|--|-------------------------|
| SC_GPT_2   | Sandy Creek GPT                   | Quality                                | Creek                   |
| SC_GPT_3   | Sandy Creek GPT                   | Quality                                | Creek                   |
| SC_GPT_4   | Sandy Creek GPT                   | Quality                                | Creek                   |
| SC_GPT_5   | Sandy Creek GPT                   | Quality                                | Creek                   |
| SC_GPT_6   | Sandy Creek GPT                   | Quality                                | Creek                   |
| SC_GPT_7   | Sandy Creek GPT                   | Quality                                | Creek                   |
| SC_GPT_8   | Sandy Creek GPT                   | Quality                                | Creek                   |
| SC_GPT_9   | Sandy Creek GPT                   | Quality                                | Creek                   |
| SC_REH_1   | Sandy Creek Rehabilitation        | Quality                                | Creek                   |
| SC_REV_1   | Sandy Creek Revegetation          | Quality                                | Creek                   |
| SC_ST_1    | Sandy Creek Sediment Trap         | Quality                                | Creek                   |
| SC_ST_2    | Sandy Creek Sediment Trap         | Quality                                | Creek                   |
| SC_TR_1    | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_10   | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_11   | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_12   | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_13   | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_14   | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_15   | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_16   | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_17   | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_18   | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_2    | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_3    | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_4    | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_5    | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_6    | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_7    | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_8    | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_TR_9    | Sandy Creek Trash Rack            | Quality                                | Creek                   |
| SC_WET_1   | Sandy Creek Wetland               | Quality                                | Creek                   |
| SC_WET_2   | Sandy Creek Wetland               | Quality                                | Creek                   |
| SD_REH_1   | Samford Downs Rehabilitation      | Quality                                | Creek                   |
| SD_REH_2   | Samford Downs Rehabilitation      | Quality                                | Creek                   |
| SD_REH_3   | Samford Downs Rehabilitation      | Quality                                | Creek                   |
| SD_REV_1   | Samford Downs Revegetation        | Quality                                | Creek                   |
| SD_REV_2   | Samford Downs Revegetation        | Quality                                | Creek                   |
| SD_RMIN_1  | Samford Downs RCMA Minor          | Quality                                | Creek                   |
| SD_RMIN_2  | Samford Downs RCMA Minor          | Quality                                | Creek                   |
| SID_GPT_1  | Sideling Creek GPT                | Quality                                | Creek                   |
| SID_GPT_2  | Sideling Creek GPT                | Quality                                | Creek                   |
| SID_GPT_3  | Sideling Creek GPT                | Quality                                | Creek                   |
| SID_REV_1  | Sideling Creek Revegetation       | Quality                                | Creek                   |
| SID_RMIN_1 | Sideling Creek RCMA Minor         | Quality                                | Creek                   |
| SPR_CU_1   | South Pine River Crossing Upgrade | Quantity                               | River                   |
| SPR_CU_2   | South Pine River Crossing Upgrade | Quantity                               | River                   |
| SPR_CU_3   | South Pine River Crossing Upgrade | Quantity                               | River                   |
| SPR_CU_4   | South Pine River Crossing Upgrade | Quantity                               | River                   |
| SPR_CU_5   | South Pine River Crossing Upgrade | Quantity                               | River                   |



| Project ID | Trunk Infrastructure Item           | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|-------------------------------------|--|-------------------------|
| SPR_CU_6   | South Pine River Crossing Upgrade   | Quantity                               | River                   |
| SPR_CU_7   | South Pine River Crossing Upgrade   | Quantity                               | River                   |
| SPR_CU_8   | South Pine River Crossing Upgrade   | Quantity                               | River                   |
| SPR_CU_9   | South Pine River Crossing Upgrade   | Quantity                               | River                   |
| SPR_REH_10 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_11 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_12 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_13 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_17 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_18 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_19 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_20 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_21 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_22 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_23 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_24 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_25 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_26 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_27 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_28 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_29 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_30 | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_5  | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_6  | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_7  | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_8  | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_REH_9  | South Pine River Rehabilitation     | Quality                                | River                   |
| SPR_RES_4  | South Pine River Corridor - Reserve | Quantity                               | River                   |
| SPR_RES_6  | South Pine River Corridor - Reserve | Quantity                               | River                   |
| SPR_RES_9  | South Pine River Corridor - Reserve | Quantity                               | River                   |
| SPR_REV_1  | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_10 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_11 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_12 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_13 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_17 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_2  | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_20 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_21 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_24 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_25 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_27 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_28 | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_3  | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_4  | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_5  | South Pine River Revegetation       | Quality                                | River                   |
| SPR_REV_7  | South Pine River Revegetation       | Quality                                | River                   |



| Project ID  | Trunk Infrastructure Item     | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|-------------|-------------------------------|--|-------------------------|
| SPR_REV_8   | South Pine River Revegetation | Quality                                | River                   |
| SPR_REV_9   | South Pine River Revegetation | Quality                                | River                   |
| SPR_RMAJ_1  | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_10 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_11 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_13 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_17 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_18 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_19 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_2  | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_20 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_21 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_24 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_25 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_27 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_28 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_29 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_3  | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_30 | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_4  | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_6  | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_7  | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_8  | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMAJ_9  | South Pine River RCMA Major   | Quality                                | River                   |
| SPR_RMIN_1  | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_10 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_11 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_12 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_13 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_17 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_19 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_20 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_21 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_22 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_23 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_24 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_25 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_26 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_27 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_28 | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_5  | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_6  | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_7  | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_8  | South Pine River RCMA Minor   | Quality                                | River                   |
| SPR_RMIN_9  | South Pine River RCMA Minor   | Quality                                | River                   |
| SV_GPT_1    | Samford Village GPT           | Quality                                | Creek                   |
| SV_RMIN_1   | Samford Village RCMA Minor    | Quality                                | Creek                   |
| SV_ST_1     | Samford Village Sediment Trap | Quality                                | Creek                   |
| SV_TR_1     | Samford Village Trash Rack    | Quality                                | Creek                   |
| TG_CU_1     | Todds Gully Crossing Upgrade  | Quantity                               | Creek                   |
| TG_CU_2     | Todds Gully Crossing Upgrade  | Quantity                               | Creek                   |
| TG_CU_3     | Todds Gully Crossing Upgrade  | Quantity                               | Creek                   |
| TG_CU_4     | Todds Gully Crossing Upgrade  | Quantity                               | Creek                   |
| TG_GPT_1    | Todds Gully GPT               | Quality                                | Creek                   |



MORETON BAY REGIONAL COUNCIL  
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| Project ID | Trunk Infrastructure Item     | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|-------------------------------|--|-------------------------|
| TG_GPT_10  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_11  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_12  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_13  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_14  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_15  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_16  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_17  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_18  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_19  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_2   | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_20  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_21  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_22  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_23  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_24  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_25  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_26  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_27  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_28  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_29  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_3   | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_30  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_31  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_32  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_33  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_34  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_35  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_37  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_38  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_39  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_4   | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_40  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_41  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_42  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_43  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_44  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_45  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_46  | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_5   | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_6   | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_7   | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_8   | Todds Gully GPT               | Quality                                | Creek                   |
| TG_GPT_9   | Todds Gully GPT               | Quality                                | Creek                   |
| TG_OCW_1   | Todds Gully Open Channel Work | Quantity                               | Creek                   |
| TG_OCW_2   | Todds Gully Open Channel Work | Quantity                               | Creek                   |
| TG_REV_1   | Todds Gully Revegetation      | Quality                                | Creek                   |
| TG_RMAJ_1  | Todds Gully RCMA Major        | Quality                                | Creek                   |
| TG_WET_1   | Todds Gully Wetland           | Quality                                | Creek                   |
| WC_REH_2   | Wongam Creek Rehabilitation   | Quality                                | Creek                   |
| WC_REV_1   | Wongam Creek Revegetation     | Quality                                | Creek                   |
| WC_REV_2   | Wongam Creek Revegetation     | Quality                                | Creek                   |
| WC_RMIN_1  | Wongam Creek RCMA Minor       | Quality                                | Creek                   |
| WC_RMIN_2  | Wongam Creek RCMA Minor       | Quality                                | Creek                   |



| Project ID | Trunk Infrastructure Item  | Quality/<br>Quantity<br>Infrastructure | Infrastructure<br>Level |
|------------|----------------------------|--|-------------------------|
| WC_ST_1    | Wongam Creek Sediment Trap | Quality                                | Creek                   |
| WC_TR_1    | Wongam Creek Trash Rack    | Quality                                | Creek                   |

**Table 31 - Schedule of Proposed Land / Works — Transport Network**

| Project ID                 | Trunk Infrastructure Item  |
|----------------------------|--|
| PIPRD70075                 | Dohles Rocks Road from East Petrie Local Bypass to School Road                                   |
| PIPRD70030                 | Old Gympie Road from Anzac Avenue to Boundary Road   |
| PIPRD70023                 | Old North Road from Stanley Street to Samsonvale Road  |
| PIPRD70063                 | Queens Road from South Pine Road to Shire Boundary   |
| PIPRD70028                 | South Pine Road from Buckland Road to Queens Road  |
| PIPRD70074                 | Youngs Crossing Road from Samsonvale Road to Protheroe Road                                      |
| PIPRD70001                 | Youngs Crossing Road Realignment from Protheroe Road to Dayboro Road                             |
| PIPRD70082                 | Camelia Avenue from Illawarra Street to Nymphaea Street  |
| PIPRD70002 &<br>PIPRD70003 | Beeville Road from Dayboro Road to Torrens Road  |
| PIPRD70091                 | South Pine Road from Queens Road to Lily Street  |
| PIPRD70004                 | Torrens Road from Beeville Road to Narangba Road   |
| PIPRD70016                 | Patricks Road from Leslie Street to Ferny Way  |
| PIPRD70025                 | Dakabin Connection Road from Old Gympie Road to Bruce Highway                                    |
| PIPRD70029                 | South Pine Road from Bunya Road to Plucks Road   |
| PIPRD70015                 | Francis Road from Gympie Road to Tarandi Street  |
| PIPRD70034                 | Leitchs Road Realignment from Kremzow Road to Stanley Street                                     |
| PIPRD70047                 | Mango Hill Ring Road from North South Arterial to North South Arterial                           |
| PIPRD70065                 | Narangba Road from Boundary Road to Torrens Road   |
| PIPRD70081                 | Narangba Road from School Road to Boundary Road  |
| PIPRD70014                 | North South Arterial from Bruce Highway to Anzac Avenue (Council Portion)                        |
|                            | Patricks Road / Dawson Parade Intersection (Patricks Road EB Pimelea Street SB Dawson Parade NB) |
| PIPBW70001                 | Bikeway 18 Samford   |
| PIPBW70004                 | Bikeway 18 Samford   |
| PIPBW70008                 | Bikeway 18 Samford   |
| PIPRD70028                 | South Pine Road from Buckland Road to Queens Road  |
| PIPRD70074                 | Youngs Crossing Road from Samsonvale Road to Protheroe Road                                      |
| PIPRD70001                 | Youngs Crossing Road Realignment from Protheroe Road to Dayboro Road                             |
| PIPRD70082                 | Camelia Avenue from Illawarra Street to Nymphaea Street  |
| PIPRD70002 &<br>PIPRD70003 | Beeville Road from Dayboro Road to Torrens Road  |
| PIPRD70091                 | South Pine Road from Queens Road to Lily Street  |
| PIPRD70004                 | Torrens Road from Beeville Road to Narangba Road   |
| PIPRD70016                 | Patricks Road from Leslie Street to Ferny Way  |
| PIPRD70025                 | Dakabin Connection Road from Old Gympie Road to Bruce Highway                                    |



| Project ID | Trunk Infrastructure Item   |
|------------|---|
| PIPRD70029 | South Pine Road from Bunya Road to Plucks Road                            |
| PIPRD70015 | Francis Road from Gympie Road to Tarandi Street                           |
| PIPRD70034 | Leitchs Road Realignment from Kremzow Road to Stanley Street              |
| PIPRD70047 | Mango Hill Ring Road from North South Arterial to North South Arterial    |
| PIPRD70065 | Narangba Road from Boundary Road to Torrens Road                          |
| PIPRD70081 | Narangba Road from School Road to Boundary Road                           |
| PIPRD70014 | North South Arterial from Bruce Highway to Anzac Avenue (Council Portion) |
| PIPBW70001 | Bikeway 18 Samford  |
| PIPBW70004 | Bikeway 18 Samford  |
| PIPBW70008 | Bikeway 18 Samford  |
| PIPBW70009 | Bikeway 18 Samford  |
| PIPBW70012 | Bikeway 01-08a Strathpine to Brendale                                     |
| PIPBW70013 | Bikeway 01-08a Strathpine to Brendale                                     |
| PIPBW70014 | Bikeway 01-08a Strathpine to Brendale                                     |
| PIPBW70015 | Bikeway 01-08a Strathpine to Brendale                                     |
| PIPBW70016 | Bikeway 01-08a Strathpine to Brendale                                     |
| PIPBW70017 | Bikeway 01-08a Strathpine to Brendale                                     |
| PIPBW70018 | Bikeway 01-08a Strathpine to Brendale                                     |
| PIPBW70021 | Bikeway 01-14a Strathpine to Petrie                                       |
| PIPBW70022 | Bikeway 01-14a Strathpine to Petrie                                       |
| PIPBW70023 | Bikeway 01-14a Strathpine to Petrie                                       |
| PIPBW70024 | Bikeway 01-14a Strathpine to Petrie                                       |
| PIPBW70025 | Bikeway 01-14a Strathpine to Petrie                                       |
| PIPBW70026 | Bikeway 01-14a Strathpine to Petrie                                       |
| PIPBW70027 | Bikeway 01-14a Strathpine to Petrie                                       |
| PIPBW70028 | Bikeway 01-14a Strathpine to Petrie                                       |
| PIPBW70034 | Bikeway 01-14b Strathpine to Petrie                                       |
| PIPBW70035 | Bikeway 01-14b Strathpine to Petrie                                       |
| PIPBW70037 | Bikeway 01-14b Strathpine to Petrie                                       |
| PIPBW70038 | Bikeway 01-14b Strathpine to Petrie                                       |
| PIPBW70039 | Bikeway 01-14b Strathpine to Petrie                                       |
| PIPBW70040 | Bikeway 01-14b Strathpine to Petrie                                       |
| PIPBW70041 | Bikeway 01-14b Strathpine to Petrie                                       |
| PIPBW70042 | Bikeway 01-14c Strathpine to Petrie                                       |
| PIPBW70043 | Bikeway 01-14c Strathpine to Petrie                                       |
| PIPBW70044 | Bikeway 01-14c Strathpine to Petrie                                       |
| PIPBW70053 | Bikeway 01-14c Strathpine to Petrie                                       |
| PIPBW70055 | Bikeway 01-14c Strathpine to Petrie                                       |
| PIPBW70057 | Bikeway 01-14c Strathpine to Petrie                                       |
| PIPBW70058 | Bikeway 01-14c Strathpine to Petrie                                       |
| PIPBW70059 | Bikeway 01-14c Strathpine to Petrie                                       |
| PIPBW70060 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70061 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70062 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70063 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70065 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70067 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70068 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70070 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70073 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70074 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70075 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70077 | Bikeway 01-15a Strathpine to Warner                                       |
| PIPBW70078 | Bikeway 01-15a Strathpine to Warner                                       |



| Project ID | Trunk Infrastructure Item                    |
|------------|--|
| PIPBW70079 | Bikeway 01-15a Strathpine to Warner          |
| PIPBW70080 | Bikeway 01-15b Strathpine to Warner          |
| PIPBW70081 | Bikeway 01-15b Strathpine to Warner          |
| PIPBW70082 | Bikeway 01-15b Strathpine to Warner          |
| PIPBW70083 | Bikeway 01-15b Strathpine to Warner          |
| PIPBW70084 | Bikeway 01-15b Strathpine to Warner          |
| PIPBW70087 | Bikeway 01-16a Strathpine to Albany Creek    |
| PIPBW70090 | Bikeway 01-16a Strathpine to Albany Creek    |
| PIPBW70091 | Bikeway 01-16a Strathpine to Albany Creek    |
| PIPBW70093 | Bikeway 01-16a Strathpine to Albany Creek    |
| PIPBW70095 | Bikeway 1-16b Strathpine to Albany Creek     |
| PIPBW70459 | Bikeway 1-16b Strathpine to Albany Creek     |
| PIPBW70460 | Bikeway 1-16b Strathpine to Albany Creek     |
| PIPBW70097 | Bikeway 01-16z Strathpine to Albany Creek    |
| PIPBW70099 | Bikeway 01-16z Strathpine to Albany Creek    |
| PIPBW70101 | Bikeway 01-16z Strathpine to Albany Creek    |
| PIPBW70103 | Bikeway 01-16z Strathpine to Albany Creek    |
| PIPBW70104 | Bikeway 02-17b Chermside to Arana Hills      |
| PIPBW70105 | Bikeway 02-17b Chermside to Arana Hills      |
| PIPBW70106 | Bikeway 02-17b Chermside to Arana Hills      |
| PIPBW70107 | Bikeway 02-17b Chermside to Arana Hills      |
| PIPBW70109 | Bikeway 02-17b Chermside to Arana Hills      |
| PIPBW70110 | Bikeway 03-12-a Redcliffe City to Mango Hill |
| PIPBW70111 | Bikeway 03-12-a Redcliffe City to Mango Hill |
| PIPBW70118 | Bikeway 04-16b Mitchelton to Albany Creek    |
| PIPBW70124 | Bikeway 06-14a Dakabin to Petrie             |
| PIPBW70125 | Bikeway 06-14a Dakabin to Petrie             |
| PIPBW70126 | Bikeway 06-14a Dakabin to Petrie             |
| PIPBW70127 | Bikeway 06-14a Dakabin to Petrie             |
| PIPBW70128 | Bikeway 06-14a Dakabin to Petrie             |
| PIPBW70130 | Bikeway 07-15a Lawnton to Warner             |
| PIPBW70131 | Bikeway 07-15a Lawnton to Warner             |
| PIPBW70132 | Bikeway 07-15a Lawnton to Warner             |
| PIPBW70133 | Bikeway 07-15a Lawnton to Warner             |
| PIPBW70136 | Bikeway 07-15a Lawnton to Warner             |
| PIPBW70137 | Bikeway 07-15a Lawnton to Warner             |
| PIPBW70138 | Bikeway 07-15a Lawnton to Warner             |
| PIPBW70140 | Bikeway 07-26a Lawnton to Cashmere           |
| PIPBW70141 | Bikeway 07-26a Lawnton to Cashmere           |
| PIPBW70142 | Bikeway 07-26a Lawnton to Cashmere           |
| PIPBW70143 | Bikeway 07-26a Lawnton to Cashmere           |
| PIPBW70144 | Bikeway 07-26a Lawnton to Cashmere           |
| PIPBW70151 | Bikeway 08-15b Brendale to Warner            |
| PIPBW70152 | Bikeway 08-15b Brendale to Warner            |
| PIPBW70153 | Bikeway 08-16a Brendale to Albany Creek      |
| PIPBW70154 | Bikeway 08-16a Brendale to Albany Creek      |
| PIPBW70155 | Bikeway 08-16a Brendale to Albany Creek      |
| PIPBW70156 | Bikeway 08-16a Brendale to Albany Creek      |
| PIPBW70157 | Bikeway 08-16a Brendale to Albany Creek      |
| PIPBW70158 | Bikeway 08-16a Brendale to Albany Creek      |
| PIPBW70159 | Bikeway 08-16a Brendale to Albany Creek      |
| PIPBW70160 | Bikeway 08-16a Brendale to Albany Creek      |
| PIPBW70161 | Bikeway 08-16a Brendale to Albany Creek      |
| PIPBW70162 | Bikeway 08-27a Brendale to Bald Hills        |
| PIPBW70163 | Bikeway 09-14a Narangba to Petrie            |
| PIPBW70164 | Bikeway 09-14a Narangba to Petrie            |



| Project ID | Trunk Infrastructure Item                |
|------------|--|
| PIPBW70165 | Bikeway 09-14a Narangba to Petrie        |
| PIPBW70166 | Bikeway 09-14a Narangba to Petrie        |
| PIPBW70168 | Bikeway 09-14a Narangba to Petrie        |
| PIPBW70170 | Bikeway 09-14a Narangba to Petrie        |
| PIPBW70173 | Bikeway 09-14a Narangba to Petrie        |
| PIPBW70175 | Bikeway 09-14a Narangba to Petrie        |
| PIPBW70178 | Bikeway 09-14a Narangba to Petrie        |
| PIPBW70187 | Bikeway 12-13-a Mango Hill to Kallangur  |
| PIPBW70190 | Bikeway 12-13-a Mango Hill to Kallangur  |
| PIPBW70191 | Bikeway 12-13b Mango Hill to Kallangur   |
| PIPBW70193 | Bikeway 12-13b Mango Hill to Kallangur   |
| PIPBW70454 | Bikeway 12-13b Mango Hill to Kallangur   |
| PIPBW70209 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70211 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70212 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70214 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70215 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70216 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70218 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70221 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70222 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70223 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70224 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70225 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70227 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70456 | Bikeway 12-15b Mango Hill to Warner      |
| PIPBW70228 | Bikeway 12-25a Mango Hill to Draper      |
| PIPBW70229 | Bikeway 12-25a Mango Hill to Draper      |
| PIPBW70230 | Bikeway 12-25a Mango Hill to Draper      |
| PIPBW70232 | Bikeway 12-25a Mango Hill to Draper      |
| PIPBW70233 | Bikeway 12-25a Mango Hill to Draper      |
| PIPBW70235 | Bikeway 12-25a Mango Hill to Draper      |
| PIPBW70236 | Bikeway 12-25a Mango Hill to Draper      |
| PIPBW70237 | Bikeway 12-27a Mango Hill to Bald Hills  |
| PIPBW70238 | Bikeway 12-27a Mango Hill to Bald Hills  |
| PIPBW70241 | Bikeway 12-27a Mango Hill to Bald Hills  |
| PIPBW70242 | Bikeway 12-27a Mango Hill to Bald Hills  |
| PIPBW70243 | Bikeway 12-27a Mango Hill to Bald Hills  |
| PIPBW70244 | Bikeway 12-27a Mango Hill to Bald Hills  |
| PIPBW70245 | Bikeway 12-27a Mango Hill to Bald Hills  |
| PIPBW70246 | Bikeway 12-27a Mango Hill to Bald Hills  |
| PIPBW70247 | Bikeway 12-27a Mango Hill to Bald Hills  |
| PIPBW70248 | Bikeway 12-27-z Mango Hill to Bald Hills |
| PIPBW70249 | Bikeway 12-27-z Mango Hill to Bald Hills |
| PIPBW70250 | Bikeway 13-14a Kallangur to Petrie       |
| PIPBW70251 | Bikeway 13-14a Kallangur to Petrie       |
| PIPBW70253 | Bikeway 13-14a Kallangur to Petrie       |
| PIPBW70256 | Bikeway 13-14a Kallangur to Petrie       |
| PIPBW70257 | Bikeway 13-14a Kallangur to Petrie       |
| PIPBW70258 | Bikeway 13-14a Kallangur to Petrie       |
| PIPBW70259 | Bikeway 13-14b Kallangur to Petrie       |
| PIPBW70260 | Bikeway 13-14b Kallangur to Petrie       |
| PIPBW70261 | Bikeway 13-14b Kallangur to Petrie       |
| PIPBW70262 | Bikeway 13-14b Kallangur to Petrie       |
| PIPBW70264 | Bikeway 13-14b Kallangur to Petrie       |
| PIPBW70269 | Bikeway 13-14b Kallangur to Petrie       |



| Project ID | Trunk Infrastructure Item                  |
|------------|--|
| PIPBW70270 | Bikeway 13-14b Kallangur to Petrie         |
| PIPBW70271 | Bikeway 14-15a Petrie to Warner            |
| PIPBW70272 | Bikeway 14-15a Petrie to Warner            |
| PIPBW70274 | Bikeway 14-15a Petrie to Warner            |
| PIPBW70276 | Bikeway 14-15a Petrie to Warner            |
| PIPBW70277 | Bikeway 14-15a Petrie to Warner            |
| PIPBW70278 | Bikeway 14-15a Petrie to Warner            |
| PIPBW70282 | Bikeway 14-19a Petrie to Dayboro           |
| PIPBW70285 | Bikeway 14-19a Petrie to Dayboro           |
| PIPBW70286 | Bikeway 14-19a Petrie to Dayboro           |
| PIPBW70289 | Bikeway 14-19a Petrie to Dayboro           |
| PIPBW70290 | Bikeway 14-19a Petrie to Dayboro           |
| PIPBW70291 | Bikeway 14-19a Petrie to Dayboro           |
| PIPBW70447 | Bikeway 14-19a Petrie to Dayboro           |
| PIPBW70293 | Bikeway 14-19b Petrie to Dayboro           |
| PIPBW70294 | Bikeway 14-20-a Petrie to Griffin          |
| PIPBW70295 | Bikeway 14-20-a Petrie to Griffin          |
| PIPBW70297 | Bikeway 14-20-a Petrie to Griffin          |
| PIPBW70298 | Bikeway 14-20-a Petrie to Griffin          |
| PIPBW70299 | Bikeway 14-20-a Petrie to Griffin          |
| PIPBW70300 | Bikeway 14-20-a Petrie to Griffin          |
| PIPBW70301 | Bikeway 14-20-a Petrie to Griffin          |
| PIPBW70302 | Bikeway 14-20-a Petrie to Griffin          |
| PIPBW70303 | Bikeway 14-20b Petrie to Griffin           |
| PIPBW70304 | Bikeway 14-20b Petrie to Griffin           |
| PIPBW70305 | Bikeway 14-20b Petrie to Griffin           |
| PIPBW70306 | Bikeway 14-20b Petrie to Griffin           |
| PIPBW70307 | Bikeway 14-20b Petrie to Griffin           |
| PIPBW70310 | Bikeway 14-20b Petrie to Griffin           |
| PIPBW70317 | Bikeway 14-20b Petrie to Griffin           |
| PIPBW70315 | Bikeway 14-20b Petrie to Griffin           |
| PIPBW70318 | Bikeway 15-26a Warner to Cashmere          |
| PIPBW70319 | Bikeway 15-26a Warner to Cashmere          |
| PIPBW70320 | Bikeway 15-26a Warner to Cashmere          |
| PIPBW70321 | Bikeway 15-26a Warner to Cashmere          |
| PIPBW70323 | Bikeway 16-17a Albany Creek to Arana Hills |
| PIPBW70325 | Bikeway 16-17a Albany Creek to Arana Hills |
| PIPBW70326 | Bikeway 16-17a Albany Creek to Arana Hills |
| PIPBW70328 | Bikeway 16-17a Albany Creek to Arana Hills |
| PIPBW70335 | Bikeway 16-17b Albany Creek to Arana Hills |
| PIPBW70337 | Bikeway 16-17b Albany Creek to Arana Hills |
| PIPBW70339 | Bikeway 16-17b Albany Creek to Arana Hills |
| PIPBW70349 | Bikeway 16-25a Albany Creek to Draper      |
| PIPBW70351 | Bikeway 16-25a Albany Creek to Draper      |
| PIPBW70352 | Bikeway 16-25a Albany Creek to Draper      |
| PIPBW70354 | Bikeway 16-25a Albany Creek to Draper      |
| PIPBW70355 | Bikeway 16-25b Albany Creek to Draper      |
| PIPBW70356 | Bikeway 16-25b Albany Creek to Draper      |
| PIPBW70357 | Bikeway 16-25b Albany Creek to Draper      |
| PIPBW70358 | Bikeway 16-25b Albany Creek to Draper      |
| PIPBW70360 | Bikeway 17-18a Arana Hills to Samford      |
| PIPBW70361 | Bikeway 17-18a Arana Hills to Samford      |
| PIPBW70362 | Bikeway 17-18a Arana Hills to Samford      |
| PIPBW70363 | Bikeway 17-18b Arana Hills to Samford      |
| PIPBW70364 | Bikeway A                                  |
| PIPBW70365 | Bikeway A                                  |



| Project ID | Trunk Infrastructure Item |
|------------|---------------------------|
| PIPBW70367 | Bikeway A                 |
| PIPBW70369 | Bikeway A                 |
| PIPBW70370 | Bikeway B                 |
| PIPBW70371 | Bikeway B                 |
| PIPBW70372 | Bikeway B                 |
| PIPBW70373 | Bikeway B                 |
| PIPBW70376 | Bikeway C                 |
| PIPBW70377 | Bikeway C                 |
| PIPBW70378 | Bikeway C                 |
| PIPBW70379 | Bikeway C                 |
| PIPBW70381 | Bikeway C                 |
| PIPBW70383 | Bikeway C                 |
| PIPBW70384 | Bikeway C                 |
| PIPBW70385 | Bikeway D                 |
| PIPBW70386 | Bikeway DW                |
| PIPBW70389 | Bikeway DW                |
| PIPBW70392 | Bikeway DW                |
| PIPBW70393 | Bikeway DW                |
| PIPBW70394 | Bikeway DW                |
| PIPBW70395 | Bikeway DW                |
| PIPBW70397 | Bikeway DW                |
| PIPBW70400 | Bikeway DW                |
| PIPBW70401 | Bikeway DW                |
| PIPBW70458 | Bikeway DW                |
| PIPBW70403 | Bikeway DW                |
| PIPBW70405 | Bikeway DW                |
| PIPBW70407 | Bikeway DW                |
| PIPBW70408 | Bikeway DW                |
| PIPBW70409 | Bikeway DW                |
| PIPBW70410 | Bikeway DW                |
| PIPBW70413 | Bikeway E                 |
| PIPBW70414 | Bikeway E                 |
| PIPBW70415 | Bikeway E                 |
| PIPBW70416 | Bikeway E                 |
| PIPBW70417 | Bikeway E                 |
| PIPBW70420 | Bikeway F                 |
| PIPBW70421 | Bikeway F                 |
| PIPBW70422 | Bikeway F                 |
| PIPBW70423 | Bikeway F                 |
| PIPBW70424 | Bikeway F                 |
| PIPBW70426 | Bikeway F                 |
| PIPBW70444 | Bikeway G                 |
| PIPBW70453 | Bikeway G                 |
| PIPBW70429 | Bikeway H                 |

**Table 32 - Schedule of Proposed Land / Works — Open Space Network**

| Project ID | Trunk Infrastructure Item              | Infrastructure Type |
|------------|--|---------------------|
| PIPPK70000 | Greensill Road Park 1 (Embellishments) | Linkage Park        |
| PIPPK70001 | Pine Rivers Park (Embellishments)      | Shire Park          |
| PIPPK70002 | Greenview Park (Embellishments)        | Town Park           |
| PIPPK70004 | England Park (Embellishments)          | Linkage Park        |
| PIPPK70005 | Buckley Park (Embellishments)          | Local Park          |
| PIPPK70006 | Kremzow Park (Embellishments)          | Linkage Park        |



| Project ID | Trunk Infrastructure Item                    | Infrastructure Type        |
|------------|--|----------------------------|
| PIPPK70007 | Centenary Way Reserve (Embellishments)       | Linkage Park               |
| PIPPK70008 | Joe Davis Park (Embellishments)              | Local Sporting Facility    |
| PIPPK70009 | Nolan Park (Embellishments)                  | Local Sporting Facility    |
| PIPPK70010 | Leitchs Road Park 1 (Embellishments)         | Linkage Park               |
| PIPPK70011 | John Leitch Memorial Park (Embellishments)   | Neighbourhood Park         |
| PIPPK70012 | Brendale Park (Embellishments)               | Local Park                 |
| PIPPK70013 | Scouts Crossing Park (Embellishments)        | Linkage Park               |
| PIPPK70014 | South Pine Sporting Complex (Embellishments) | Shire Sporting Facility    |
| PIPPK70015 | Leitch Park (Embellishments)                 | Linkage Park               |
| PIPPK70016 | Cash's Crossing Park (Embellishments)        | Linkage Park               |
| PIPPK70017 | Mountford Park (Embellishments)              | Local Sporting Facility    |
| PIPPK70018 | Pitonga Way (Embellishments)                 | Linkage Park               |
| PIPPK70019 | Norman L Reilly Park (Embellishments)        | Linkage Park               |
| PIPPK70020 | Raynbird Park (Embellishments)               | Linkage Park               |
| PIPPK70021 | Bob Bell Park (Embellishments)               | Neighbourhood Park         |
| PIPPK70022 | Normanby Way (Embellishments)                | Linkage Park               |
| PIPPK70024 | Douglas Park (Embellishments)                | Neighbourhood Park         |
| PIPPK70026 | Lawnton Reserve (Embellishments)             | Linkage Park               |
| PIPPK70027 | Rob Akers Reserve (Embellishments)           | Linkage Park               |
| PIPPK70029 | Lang Park (Embellishments)                   | Neighbourhood Park         |
| PIPPK70030 | Torelliana Park (Embellishments)             | Linkage Park               |
| PIPPK70031 | Piggott Reserve (Embellishments)             | Linkage Park               |
| PIPPK70032 | Banksia Street Park (Embellishments)         | Local Park                 |
| PIPPK70033 | Greensill Road Park 2 (Embellishments)       | Linkage Park               |
| PIPPK70034 | John Bray Park (Embellishments)              | Linkage Park               |
| PIPPK70035 | Jock Mitchell Park (Embellishments)          | Local Park                 |
| PIPPK70038 | Wolter Park (Embellishments)                 | Local Sporting Facility    |
| PIPPK70039 | Wade Court Park (Embellishments)             | Local Park                 |
| PIPPK70041 | Platypus Court Park (Embellishments)         | Linkage Park               |
| PIPPK70043 | Stephen Lawn Park (Embellishments)           | Linkage Park               |
| PIPPK70044 | Mary Bray Park (Embellishments)              | Local Park                 |
| PIPPK70045 | Leis Park (Embellishments)                   | District Park              |
| PIPPK70046 | Garret Street Park (Embellishments)          | Local Park                 |
| PIPPK70047 | Heritage Village Reserve (Embellishments)    | Linkage Park               |
| PIPPK70048 | Max Court Park (Embellishments)              | Linkage Park               |
| PIPPK70055 | Les Hughes Sporting Complex (Embellishments) | District Sporting Facility |
| PIPPK70056 | Dick Turnbull Park (Embellishments)          | Local Park                 |
| PIPPK70057 | Bell Trees Park (Embellishments)             | Neighbourhood Park         |
| PIPPK70059 | Don McQuilty Park (Embellishments)           | Local Park                 |
| PIPPK70061 | Barclay Park (Embellishments)                | Neighbourhood Park         |
| PIPPK70063 | Lenny Allen Childrens Park (Embellishments)  | Neighbourhood Park         |
| PIPPK70067 | Peter Campbell Park (Embellishments)         | Linkage Park               |
| PIPPK70072 | Youngs Crossing Road Park (Embellishments)   | Linkage Park               |
| PIPPK70074 | Granville Drive Park (Embellishments)        | Local Park                 |
| PIPPK70075 | Durakai Reserve (Embellishments)             | Local Park                 |
| PIPPK70077 | Links Crescent Park (Embellishments)         | Linkage Park               |
| PIPPK70078 | Ebert Park (Embellishments)                  | Neighbourhood Park         |
| PIPPK70080 | Wilf Crump Park (Embellishments)             | Local Park                 |
| PIPPK70081 | Peter Curtain Park (Embellishments)          | Neighbourhood Park         |
| PIPPK70082 | Waratah Park (Embellishments)                | Neighbourhood Park         |



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| Project ID | Trunk Infrastructure Item                     | Infrastructure Type        |
|------------|---|----------------------------|
| PIPPK70084 | Laurie Smith Gardens (Embellishments)         | Linkage Park               |
| PIPPK70088 | North Pine Playing Fields (Embellishments)    | District Sporting Facility |
| PIPPK70093 | Merv Ewart Reserve (Embellishments)           | Linkage Park               |
| PIPPK70094 | Youngs Crossing Park (Embellishments)         | Linkage Park               |
| PIPPK70095 | Nuttall Park (Embellishments)                 | Local Park                 |
| PIPPK70096 | Chandler Reserve (Embellishments)             | Linkage Park               |
| PIPPK70097 | Marilyn Boxer Reserve (Embellishments)        | Linkage Park               |
| PIPPK70099 | Wright Reserve (Embellishments)               | Neighbourhood Park         |
| PIPPK70100 | Oxford Street Reserve 3 (Embellishments)      | Linkage Park               |
| PIPPK70102 | Peter Brennand Park (Embellishments)          | Local Park                 |
| PIPPK70103 | Mungarra Reserve (Embellishments)             | District Park              |
| PIPPK70104 | Tweedale Reserve (Embellishments)             | Linkage Park               |
| PIPPK70105 | Vera Murray Park (Embellishments)             | Linkage Park               |
| PIPPK70106 | Greg Pascoe Park (Embellishments)             | Local Park                 |
| PIPPK70107 | Gordon Jackson Lookout (Embellishments)       | Local Park                 |
| PIPPK70112 | John Oxley Reserve (Embellishments)           | District Sporting Facility |
| PIPPK70113 | Castle Hill Lakes Reserve (Embellishments)    | Linkage Park               |
| PIPPK70119 | Wyllie Park (Embellishments)                  | District Park              |
| PIPPK70121 | Augustins Crescent Park (Embellishments)      | Local Park                 |
| PIPPK70122 | Curruthers Park (Embellishments)              | Local Park                 |
| PIPPK70123 | Barwon Street Reserve (Embellishments)        | Local Park                 |
| PIPPK70125 | Acacia Park (Embellishments)                  | Linkage Park               |
| PIPPK70126 | Kul-La Reserve (Embellishments)               | Local Park                 |
| PIPPK70127 | Ogg Road Park (Embellishments)                | Local Park                 |
| PIPPK70128 | One Mile Golf Course Reserve (Embellishments) | Linkage Park               |
| PIPPK70130 | Ruth Whitfield Park (Embellishments)          | Local Park                 |
| PIPPK70132 | Florence Street Park (Embellishments)         | Local Park                 |
| PIPPK70134 | Sweeney Reserve (Embellishments)              | District Park              |
| PIPPK70136 | McSweeney Reserve (Embellishments)            | District Park              |
| PIPPK70140 | John W Mott Reserve (Embellishments)          | Linkage Park               |
| PIPPK70141 | Freshwater Reserve (Embellishments)           | Linkage Park               |
| PIPPK70142 | Balstrup Road Park (Embellishments)           | Linkage Park               |
| PIPPK70143 | McCormack Road Park (Embellishments)          | Linkage Park               |
| PIPPK70145 | Fred Ward Park (Embellishments)               | Local Park                 |
| PIPPK70147 | Bob O'Neill Park (Embellishments)             | Local Park                 |
| PIPPK70151 | Kurwongbah Park (Embellishments)              | Neighbourhood Park         |
| PIPPK70152 | Eucumbene Park (Embellishments)               | Local Park                 |
| PIPPK70154 | John Moore Park (Embellishments)              | Local Park                 |
| PIPPK70155 | Alice Mawson Reserve (Embellishments)         | Linkage Park               |
| PIPPK70156 | Jim Akers Park (Embellishments)               | Linkage Park               |
| PIPPK70157 | Penson Park (Embellishments)                  | Local Park                 |
| PIPPK70160 | Gyp Park (Embellishments)                     | Local Park                 |
| PIPPK70161 | Lillypilly Court Park (Embellishments)        | Linkage Park               |
| PIPPK70166 | Glasshouse Circuit Park (Embellishments)      | Linkage Park               |
| PIPPK70171 | Alma Road Park 2 (Embellishments)             | Neighbourhood Park         |
| PIPPK70173 | Les Young Park (Embellishments)               | Local Park                 |
| PIPPK70174 | Rupert Kneen Park (Embellishments)            | Neighbourhood Park         |
| PIPPK70178 | Jillian Street Reserve (Embellishments)       | Local Park                 |
| PIPPK70180 | Glasshouse Circuit Park 2 (Embellishments)    | Local Park                 |



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| Project ID | Trunk Infrastructure Item                                 | Infrastructure Type        |
|------------|---|----------------------------|
| PIPPK70181 | Jenelle Park (Embellishments)                             | Local Park                 |
| PIPPK70182 | Banyula Park (Embellishments)                             | Local Park                 |
| PIPPK70183 | Baker Street Park (Embellishments)                        | Local Park                 |
| PIPPK70184 | Martin Purcell Park (Embellishments)                      | Linkage Park               |
| PIPPK70185 | Raimondo Court Reserve (Embellishments)                   | Local Park                 |
| PIPPK70186 | Whitehorse Road Park (Embellishments)                     | Local Park                 |
| PIPPK70187 | Bob Brock Park (Embellishments)                           | District Sporting Facility |
| PIPPK70189 | Pine Hills Park (Embellishments)                          | Local Park                 |
| PIPPK70191 | Boundary Park (Embellishments)                            | Neighbourhood Park         |
| PIPPK70192 | Mimoorra Park (Embellishments)                            | Local Park                 |
| PIPPK70193 | Murlac Park (Embellishments)                              | Local Park                 |
| PIPPK70194 | George Georges Park (Embellishments)                      | Linkage Park               |
| PIPPK70195 | Lionel Burton Park (Embellishments)                       | Local Park                 |
| PIPPK70196 | Bunyaville Close Reserve (Embellishments)                 | Linkage Park               |
| PIPPK70199 | Camden Park (Embellishments)                              | Neighbourhood Park         |
| PIPPK70200 | Alfredson Park (Embellishments)                           | Linkage Park               |
| PIPPK70201 | Everton Glen Reserve (Embellishments)                     | Linkage Park               |
| PIPPK70202 | Cabbage Tree Creek Environmental Reserve (Embellishments) | Linkage Park               |
| PIPPK70203 | Peter Street North Park (Embellishments)                  | Linkage Park               |
| PIPPK70204 | Caswell Place Reserve (Embellishments)                    | Local Park                 |
| PIPPK70205 | John Carter Reserve (Embellishments)                      | Linkage Park               |
| PIPPK70209 | Bunya Timber Reserve (Embellishments)                     | Local Park                 |
| PIPPK70212 | Brian Battersby Park (Embellishments)                     | Linkage Park               |
| PIPPK70213 | Brian Battersby Reserve (Embellishments)                  | Linkage Park               |
| PIPPK70214 | Leslie Patrick Park (Embellishments)                      | District Sporting Facility |
| PIPPK70215 | Wightman Reserve (Embellishments)                         | Linkage Park               |
| PIPPK70223 | Collins Road Forestry Reserve (Embellishments)            | Linkage Park               |
| PIPPK70229 | Listonia Drive Park (Embellishments)                      | Linkage Park               |
| PIPPK70230 | Kim Grayson Park (Embellishments)                         | Linkage Park               |
| PIPPK70231 | Sue Miller Park (Embellishments)                          | Neighbourhood Park         |
| PIPPK70233 | Sylvia Gibbs Park (Embellishments)                        | Linkage Park               |
| PIPPK70236 | Cowrie Parade Park (Embellishments)                       | Linkage Park               |
| PIPPK70237 | Narrabeen Road Park (Embellishments)                      | Linkage Park               |
| PIPPK70238 | Daniel Reserve (Embellishments)                           | Linkage Park               |
| PIPPK70239 | Richard Lee Reserve (Embellishments)                      | Linkage Park               |
| PIPPK70240 | Ghost Gum Court Park (Embellishments)                     | Linkage Park               |
| PIPPK70244 | Scenic Close Reserve (Embellishments)                     | Local Park                 |
| PIPPK70246 | Mahaca Park (Embellishments)                              | Linkage Park               |
| PIPPK70252 | Ivan Stegman Park (Embellishments)                        | Local Park                 |
| PIPPK70253 | Leontine Cooper Park (Embellishments)                     | Local Park                 |
| PIPPK70256 | Stanton Reserve (Embellishments)                          | Linkage Park               |
| PIPPK70257 | Cressbrook Drive Reserve (Embellishments)                 | Linkage Park               |
| PIPPK70265 | Edward D Allison Park (Embellishments)                    | Linkage Park               |
| PIPPK70266 | Eatons Crossing Road Reserve (Embellishments)             | Linkage Park               |
| PIPPK70270 | Boxwood Court Park (Embellishments)                       | Linkage Park               |
| PIPPK70271 | Raymont Reserve (Embellishments)                          | Linkage Park               |
| PIPPK70272 | Gum Street Reserve (Embellishments)                       | Linkage Park               |
| PIPPK70273 | Forest Road Reserve 2 (Embellishments)                    | Linkage Park               |
| PIPPK70275 | Henry Court Reserve (Embellishments)                      | Linkage Park               |
| PIPPK70276 | Barker Street Reserve (Embellishments)                    | Neighbourhood Park         |



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| Project ID | Trunk Infrastructure Item                        | Infrastructure Type        |
|------------|--|----------------------------|
| PIPPK70277 | Somers Street Reserve (Embellishments)           | Linkage Park               |
| PIPPK70280 | Riversleigh Crescent Park (Embellishments)       | Linkage Park               |
| PIPPK70281 | Everest Street Reserve (Embellishments)          | Neighbourhood Park         |
| PIPPK70282 | Doug Stevens Park (Embellishments)               | Linkage Park               |
| PIPPK70283 | Kimberley Court Park (Embellishments)            | Linkage Park               |
| PIPPK70284 | Cabarita Crescent Reserve (Embellishments)       | Linkage Park               |
| PIPPK70287 | Hayward Avenue Reserve (Embellishments)          | Local Park                 |
| PIPPK70288 | One Mile Park West (Embellishments)              | Linkage Park               |
| PIPPK70289 | Barlee Court Park (Embellishments)               | Local Park                 |
| PIPPK70294 | Church Road Park (Embellishments)                | Linkage Park               |
| PIPPK70297 | Parakeet Court Reserve (Embellishments)          | Linkage Park               |
| PIPPK70301 | Bunya Crossing Road Park 3 (Embellishments)      | Linkage Park               |
| PIPPK70303 | Leslie Street Park (Embellishments)              | Local Park                 |
| PIPPK70304 | Eden Drive Park (Embellishments)                 | Local Park                 |
| PIPPK70305 | Ken Duncombe Drive Reserve (Embellishments)      | Linkage Park               |
| PIPPK70306 | William Johnston Park (Embellishments)           | Neighbourhood Park         |
| PIPPK70309 | H T Ireland Reserve (Embellishments)             | Neighbourhood Park         |
| PIPPK70310 | Starling Street Reserve (Embellishments)         | Linkage Park               |
| PIPPK70312 | Gum Tree Park (Embellishments)                   | Neighbourhood Park         |
| PIPPK70316 | Apex Park (Embellishments)                       | Local Park                 |
| PIPPK70318 | Bunya Pine Court Reserve (Embellishments)        | Linkage Park               |
| PIPPK70321 | Church Road Park 3 (Embellishments)              | Linkage Park               |
| PIPPK70322 | Thomas Morrison Reserve (Embellishments)         | Linkage Park               |
| PIPPK70323 | Frank Nichols Reserve (Embellishments)           | District Park              |
| PIPPK70325 | Saraband Drive Reserve 1 (Embellishments)        | Local Park                 |
| PIPPK70326 | Gibson Court Reserve (Embellishments)            | Linkage Park               |
| PIPPK70327 | Ira Buckby Road West Reserve (Embellishments)    | Linkage Park               |
| PIPPK70328 | Jan Sked Reserve (Embellishments)                | Linkage Park               |
| PIPPK70329 | Justin Somers Reserve (Embellishments)           | Linkage Park               |
| PIPPK70332 | Tosca Street Park (Embellishments)               | Linkage Park               |
| PIPPK70335 | Samsonvale Road Roundabout Park (Embellishments) | Town Park                  |
| PIPPK70336 | Kumbari Reserve (Embellishments)                 | Neighbourhood Park         |
| PIPPK70337 | Hughes Park (Embellishments)                     | Linkage Park               |
| PIPPK70339 | Odempa Park (Embellishments)                     | Neighbourhood Park         |
| PIPPK70340 | Neilsen Park (Embellishments)                    | Local Park                 |
| PIPPK70341 | Yellow Button Close Reserve (Embellishments)     | Linkage Park               |
| PIPPK70343 | Paramount Drive Reserve (Embellishments)         | Neighbourhood Park         |
| PIPPK70352 | Wilkinson Park (Embellishments)                  | Local Park                 |
| PIPPK70354 | John Johnson Park (Embellishments)               | Local Park                 |
| PIPPK70357 | Julie Jenkins Park (Embellishments)              | Local Park                 |
| PIPPK70359 | Tarnee Park (Embellishments)                     | Local Park                 |
| PIPPK70364 | Fernwood Reserve (Embellishments)                | Linkage Park               |
| PIPPK70367 | George Willmore Park (Embellishments)            | District Park              |
| PIPPK70369 | James Drysdale Recreation Reserve                | District Sporting Facility |



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| Project ID | Trunk Infrastructure Item                       | Infrastructure Type     |
|------------|---|-------------------------|
|            | (Embellishments)                                |                         |
| PIPPK70370 | Bert Hall Park (Embellishments)                 | Linkage Park            |
| PIPPK70372 | Melva Reserve (Embellishments)                  | Local Park              |
| PIPPK70373 | Surrey Farm Park (Embellishments)               | Neighbourhood Park      |
| PIPPK70374 | Hill View Park (Embellishments)                 | Linkage Park            |
| PIPPK70381 | Thomsett Park (Embellishments)                  | Local Park              |
| PIPPK70385 | Thiess Drive Park (Embellishments)              | Linkage Park            |
| PIPPK70388 | Mike McGuill Park (Embellishments)              | Neighbourhood Park      |
| PIPPK70389 | Willow Glen Court Reserve (Embellishments)      | Linkage Park            |
| PIPPK70393 | Stansell Court Reserve (Embellishments)         | Linkage Park            |
| PIPPK70396 | Jacob Draper Reserve (Embellishments)           | Linkage Park            |
| PIPPK70397 | Reginald Draper Reserve (Embellishments)        | Linkage Park            |
| PIPPK70399 | Thomas Draper Reserve (Embellishments)          | Linkage Park            |
| PIPPK70401 | Dudley Court Park (Embellishments)              | Linkage Park            |
| PIPPK70403 | Bunya Crossing Reserve (Embellishments)         | Linkage Park            |
| PIPPK70405 | Wahminda Park (Embellishments)                  | Linkage Park            |
| PIPPK70406 | Maureen Lawrence Park (Embellishments)          | Linkage Park            |
| PIPPK70419 | Vermillion Avenue Reserve (Embellishments)      | Linkage Park            |
| PIPPK70420 | Paris Park (Embellishments)                     | Neighbourhood Park      |
| PIPPK70422 | Humphries Park (Embellishments)                 | Local Park              |
| PIPPK70424 | Claremont Park (Embellishments)                 | Neighbourhood Park      |
| PIPPK70426 | Saltwater Creek Reserve 2 (Embellishments)      | Linkage Park            |
| PIPPK70428 | Dohles Rocks Foreshore (Embellishments)         | Foreshore Park          |
| PIPPK70429 | Catherine Petrie Park (Embellishments)          | Local Park              |
| PIPPK70430 | Bob Thomas Park (Embellishments)                | Linkage Park            |
| PIPPK70432 | Ceccato Drive Park (Embellishments)             | Linkage Park            |
| PIPPK70440 | Wagner Park (Embellishments)                    | Linkage Park            |
| PIPPK70444 | Reg Crouch Park (Embellishments)                | Linkage Park            |
| PIPPK70446 | Kapalama Park (Embellishments)                  | Local Park              |
| PIPPK70449 | Pam Goring Park (Embellishments)                | Local Park              |
| PIPPK70451 | Hansford Park (Embellishments)                  | Local Park              |
| PIPPK70452 | Fred Kruger Park (Embellishments)               | Linkage Park            |
| PIPPK70454 | Halpine Lake Reserve (Embellishments)           | Linkage Park            |
| PIPPK70458 | W F Roberts Reserve (Embellishments)            | Linkage Park            |
| PIPPK70477 | Woodside Playing Fields (Embellishments)        | Local Sporting Facility |
| PIPPK70496 | Mayfield Park (Embellishments)                  | Neighbourhood Park      |
| PIPPK70503 | Cedar Creek Road Corner Park 1 (Embellishments) | Linkage Park            |
| PIPPK70504 | Taylor Park (Embellishments)                    | Linkage Park            |
| PIPPK70505 | Scheldt Park (Embellishments)                   | Neighbourhood Park      |
| PIPPK70508 | Andrew Road Park (Embellishments)               | Local Park              |
| PIPPK70512 | Fogg Park (Embellishments)                      | Neighbourhood Park      |
| PIPPK70514 | Lily Clench Park (Embellishments)               | Linkage Park            |
| PIPPK70517 | Richards Park (Embellishments)                  | Linkage Park            |
| PIPPK70532 | Roderick A Cruice Park (Embellishments)         | Neighbourhood Park      |
| PIPPK70533 | Tullamore Park (Embellishments)                 | Linkage Park            |
| PIPPK70534 | Arthur Williamson Park (Embellishments)         | Linkage Park            |
| PIPPK70536 | Hillview Court Reserve (Embellishments)         | Linkage Park            |



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| Project ID | Trunk Infrastructure Item                           | Infrastructure Type        |
|------------|---|----------------------------|
| PIPPK70553 | Lions Park (Embellishments)                         | Local Park                 |
| PIPPK70556 | Louisa Williams Park (Embellishments)               | Local Park                 |
| PIPPK70557 | Edmonds Court Park 2 (Embellishments)               | Local Park                 |
| PIPPK70558 | Edmonds Court Park 1 (Embellishments)               | Local Park                 |
| PIPPK70559 | Bill Porter Park (Embellishments)                   | Linkage Park               |
| PIPPK70560 | Dayboro Sports Oval (Embellishments)                | Local Sporting Facility    |
| PIPPK70562 | Campdraft Place Park (Embellishments)               | Neighbourhood Park         |
| PIPPK70564 | Laidlaw Street Park (Embellishments)                | Neighbourhood Park         |
| PIPPK70567 | Apex Park (Embellishments)                          | Local Park                 |
| PIPPK70603 | Luida Court Park (Embellishments)                   | Linkage Park               |
| PIPPK70606 | Royce Fathers Reserve (Embellishments)              | Linkage Park               |
| PIPPK70607 | Harold Brown Park (Embellishments)                  | Linkage Park               |
| PIPPK70608 | Bora Park (Embellishments)                          | Linkage Park               |
| PIPPK70614 | Brian Daley Reserve (Embellishments)                | Linkage Park               |
| PIPPK70616 | Joseph Marsh Park (Embellishments)                  | Neighbourhood Park         |
| PIPPK70623 | Bunya Lake Court Reserve (Embellishments)           | Linkage Park               |
| PIPPK70628 | Hulcombe Road Park 1 (Embellishments)               | Neighbourhood Park         |
| PIPPK70630 | Gibbons Road Park (Embellishments)                  | Linkage Park               |
| PIPPK70636 | Undambi Rotary Reserve (Embellishments)             | Neighbourhood Park         |
| PIPPK70637 | Westbourne Park (Embellishments)                    | Neighbourhood Park         |
| PIPPK70652 | John Scott Park (Embellishments)                    | Neighbourhood Park         |
| PIPPK70655 | Basil O'Brien Park (Embellishments)                 | Local Park                 |
| PIPPK70665 | Gordon Park (Embellishments)                        | Linkage Park               |
| PIPPK70667 | Samford Parklands (Embellishments)                  | Shire Park                 |
| PIPPK70678 | Samford Sportsfields (Embellishments)               | District Sporting Facility |
| PIPPK70700 | Ron Thomason Park (Embellishments)                  | Linkage Park               |
| PIPPK70721 | Kinsella's Fields NORTH LAKES (Embellishments)      | District Sporting Facility |
| PIPPK70800 | England Park (Embellishments)                       | Local Sporting Facility    |
| PIPPK70802 | Alf Shaw Park (Embellishments)                      | Neighbourhood Park         |
| PIPPK70806 | Wahminda Park (Embellishments)                      | Local Sporting Facility    |
| PIPPK70814 | Macs Corner (Embellishments)                        | Town Park                  |
| PIPPK71006 | Ascot Crescent Park 1 (Embellishments)              | Local Park                 |
| PIPPK71012 | Cribb Road Park (Embellishments)                    | Linkage Park               |
| PIPPK71013 | District Sporting Facility GRIFFIN (Embellishments) | District Sporting Facility |
| PIPPK71035 | Future Local Park BRENDALE (Embellishments)         | Local Park                 |
| PIPPK71073 | Vanilla Avenue Park (Embellishments)                | Linkage Park               |
| PIPPK71102 | Angshell Court Park (Embellishments)                | Linkage Park               |
| PIPPK71127 | Ashley Court Park (Embellishments)                  | Linkage Park               |
| PIPPK71144 | Linkage Park BRENDALE (Embellishments)              | Linkage Park               |
| PIPPK71160 | Oak River Road Park (Embellishments)                | Linkage Park               |
| PIPPK71170 | Hodge Road Park (Embellishments)                    | Linkage Park               |
| PIPPK71173 | Goodfellows Road Park (Embellishments)              | Linkage Park               |
| PIPPK71185 | Hawkins Road Park 2 (Embellishments)                | Linkage Park               |
| PIPPK71191 | Cosgrove Road Park (Embellishments)                 | Linkage Park               |
| PIPPK71193 | Kurrajong Drive Park 4 (Embellishments)             | Linkage Park               |
| PIPPK71196 | Reick Road Park (Embellishments)                    | Local Park                 |
| PIPPK71197 | Gibbons Road Park 1 (Embellishments)                | Linkage Park               |
| PIPPK71201 | Mikaela Court Park (Embellishments)                 | Local Park                 |
| PIPPK71226 | Ascot Crescent Park 2 (Embellishments)              | Local Park                 |
| PIPPK71227 | Diane Parade Park (Embellishments)                  | Local Park                 |
| PIPPK71228 | Woods Road Park (Embellishments)                    | Linkage Park               |



| Project ID | Trunk Infrastructure Item                                   | Infrastructure Type |
|------------|---|---------------------|
| PIPPK71000 | Future Local Park KALLANGUR (Land & Embellishments)         | Local Park          |
| PIPPK71001 | Future Local Park KALLANGUR (Land & Embellishments)         | Local Park          |
| PIPPK71003 | Future Local Park STRATHPINE (Land & Embellishments)        | Local Park          |
| PIPPK71004 | Future Local Park KALLANGUR (Land & Embellishments)         | Local Park          |
| PIPPK71005 | Future Local Park PETRIE (Land & Embellishments)            | Local Park          |
| PIPPK71007 | Future Neighbourhood Park LAWNTON (Land & Embellishments)   | Neighbourhood Park  |
| PIPPK71009 | Future Local Park EATONS HILL (Land & Embellishments)       | Local Park          |
| PIPPK71010 | Future District Park LAWNTON (Land & Embellishments)        | District Park       |
| PIPPK71014 | Future Local Park DAKABIN (Land & Embellishments)           | Local Park          |
| PIPPK71016 | Future Sporting Facility MANGO HILL (Land & Embellishments) | Sporting Facility   |
| PIPPK71017 | Future Neighbourhood Park DAKABIN (Land & Embellishments)   | Neighbourhood Park  |
| PIPPK71018 | Future Town Park DAKABIN (Land & Embellishments)            | Town Park           |
| PIPPK71019 | Future Linkage Park DAKABIN (Land & Embellishments)         | Linkage Park        |
| PIPPK71020 | Future Linkage Park DAKABIN (Land & Embellishments)         | Linkage Park        |
| PIPPK71021 | Future Linkage Park DAKABIN (Land & Embellishments)         | Linkage Park        |
| PIPPK71022 | Future Local Park DAKABIN (Land & Embellishments)           | Local Park          |
| PIPPK71024 | Future Linkage Park DAKABIN (Land & Embellishments)         | Linkage Park        |
| PIPPK71025 | Future Local Park KALLANGUR (Land & Embellishments)         | Local Park          |
| PIPPK71026 | Future Local Park GRIFFIN (Land & Embellishments)           | Local Park          |
| PIPPK71028 | Future Local Park GRIFFIN (Land & Embellishments)           | Local Park          |
| PIPPK71029 | Future Neighbourhood Park GRIFFIN (Land & Embellishments)   | Neighbourhood Park  |
| PIPPK71030 | Future Local Park GRIFFIN (Land & Embellishments)           | Local Park          |
| PIPPK71031 | Future Local Park GRIFFIN (Land & Embellishments)           | Local Park          |
| PIPPK71032 | Future Local Park GRIFFIN (Land & Embellishments)           | Local Park          |
| PIPPK71033 | Future Linkage Park GRIFFIN (Land & Embellishments)         | Linkage Park        |
| PIPPK71038 | Future Neighbourhood Park KALLANGUR (Land & Embellishments) | Neighbourhood Park  |
| PIPPK71039 | Future Local Park MANGO HILL (Land & Embellishments)        | Local Park          |
| PIPPK71040 | Future Local Park MANGO HILL (Land & Embellishments)        | Local Park          |
| PIPPK71041 | Future Local Park MANGO HILL (Land & Embellishments)        | Local Park          |



| Project ID | Trunk Infrastructure Item                                    | Infrastructure Type |
|------------|--|---------------------|
|            | Embellishments)  |                     |
| PIPPK71043 | Future Local Park MANGO HILL (Land & Embellishments)         | Local Park          |
| PIPPK71044 | Future Town Park MANGO HILL (Land & Embellishments)          | Town Park           |
| PIPPK71045 | Future Neighbourhood Park MANGO HILL (Land & Embellishments) | Neighbourhood Park  |
| PIPPK71046 | Future Local Park MANGO HILL (Land & Embellishments)         | Local Park          |
| PIPPK71047 | Future Local Park MANGO HILL (Land & Embellishments)         | Local Park          |
| PIPPK71048 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71050 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71051 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71052 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71053 | Future Linkage Park NORTH LAKES (Land & Embellishments)      | Linkage Park        |
| PIPPK71054 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71055 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71056 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71057 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71058 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71059 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71060 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71061 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71062 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71063 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71064 | Future Linkage Park MANGO HILL (Land & Embellishments)       | Linkage Park        |
| PIPPK71065 | Future Local Park GRIFFIN (Land & Embellishments)            | Local Park          |
| PIPPK71066 | Future Local Park GRIFFIN (Land & Embellishments)            | Local Park          |
| PIPPK71067 | Future Local Park GRIFFIN (Land & Embellishments)            | Local Park          |
| PIPPK71068 | Future Neighbourhood Park GRIFFIN (Land & Embellishments)    | Neighbourhood Park  |
| PIPPK71069 | Future Neighbourhood Park GRIFFIN (Land & Embellishments)    | Neighbourhood Park  |
| PIPPK71071 | Future Linkage Park GRIFFIN (Land & Embellishments)          | Linkage Park        |
| PIPPK71072 | Future Linkage Park GRIFFIN (Land & Embellishments)          | Linkage Park        |



| Project ID | Trunk Infrastructure Item                                  | Infrastructure Type |
|------------|--|---------------------|
| PIPPK71074 | Future Linkage Park GRIFFIN (Land & Embellishments)        | Linkage Park        |
| PIPPK71075 | Future Linkage Park GRIFFIN (Land & Embellishments)        | Linkage Park        |
| PIPPK71076 | Future Linkage Park GRIFFIN (Land & Embellishments)        | Linkage Park        |
| PIPPK71077 | Future Linkage Park MANGO HILL (Land & Embellishments)     | Linkage Park        |
| PIPPK71078 | Future Linkage Park MANGO HILL (Land & Embellishments)     | Linkage Park        |
| PIPPK71079 | Future Linkage Park GRIFFIN (Land & Embellishments)        | Linkage Park        |
| PIPPK71083 | Future Linkage Park MANGO HILL (Land & Embellishments)     | Linkage Park        |
| PIPPK71084 | Future Linkage Park MANGO HILL (Land & Embellishments)     | Linkage Park        |
| PIPPK71100 | Future Linkage Park DAYBORO (Land & Embellishments)        | Linkage Park        |
| PIPPK71101 | Future Linkage Park DAYBORO (Land & Embellishments)        | Linkage Park        |
| PIPPK71102 | Future Linkage Park SAMFORD VALLEY (Land & Embellishments) | Linkage Park        |
| PIPPK71103 | Future Linkage Park SAMFORD VALLEY (Land & Embellishments) | Linkage Park        |
| PIPPK71104 | Future Linkage Park DRAPER (Land & Embellishments)         | Linkage Park        |
| PIPPK71105 | Future Linkage Park EVERTON HILLS (Land & Embellishments)  | Linkage Park        |
| PIPPK71109 | Future Linkage Park EATONS HILL (Land & Embellishments)    | Linkage Park        |
| PIPPK71110 | Future Linkage Park DRAPER (Land & Embellishments)         | Linkage Park        |
| PIPPK71111 | Future Linkage Park DRAPER (Land & Embellishments)         | Linkage Park        |
| PIPPK71112 | Future Linkage Park BUNYA (Land & Embellishments)          | Linkage Park        |
| PIPPK71113 | Future Linkage Park LAWNTON (Land & Embellishments)        | Linkage Park        |
| PIPPK71116 | Future Linkage Park MURRUMBA DOWNS (Land & Embellishments) | Linkage Park        |
| PIPPK71117 | Future Linkage Park KALLANGUR (Land & Embellishments)      | Linkage Park        |
| PIPPK71118 | Future Linkage Park JOYNER (Land & Embellishments)         | Linkage Park        |
| PIPPK71120 | Future Linkage Park STRATHPINE (Land & Embellishments)     | Linkage Park        |
| PIPPK71121 | Future Linkage Park EATONS HILL (Land & Embellishments)    | Linkage Park        |
| PIPPK71123 | Future Linkage Park SAMFORD VALLEY (Land & Embellishments) | Linkage Park        |
| PIPPK71128 | Future Linkage Park ALBANY CREEK (Land & Embellishments)   | Linkage Park        |
| PIPPK71129 | Future Linkage Park EVERTON HILLS (Land & Embellishments)  | Linkage Park        |
| PIPPK71130 | Future Linkage Park EVERTON HILLS (Land & Embellishments)  | Linkage Park        |
| PIPPK71133 | Future Linkage Park ALBANY CREEK                           | Linkage Park        |



| Project ID | Trunk Infrastructure Item                                    | Infrastructure Type |
|------------|--|---------------------|
|            | (Land & Embellishments)                                      |                     |
| PIPPK71134 | Future Linkage Park ALBANY CREEK (Land & Embellishments)     | Linkage Park        |
| PIPPK71135 | Future Linkage Park ALBANY CREEK (Land & Embellishments)     | Linkage Park        |
| PIPPK71136 | Future Linkage Park ALBANY CREEK (Land & Embellishments)     | Linkage Park        |
| PIPPK71137 | Future Linkage Park STRATHPINE (Land & Embellishments)       | Linkage Park        |
| PIPPK71139 | Future Linkage Park LAWNTON (Land & Embellishments)          | Linkage Park        |
| PIPPK71140 | Future Linkage Park ALBANY CREEK (Land & Embellishments)     | Linkage Park        |
| PIPPK71141 | Future Linkage Park LAWNTON (Land & Embellishments)          | Linkage Park        |
| PIPPK71142 | Future Linkage Park LAWNTON (Land & Embellishments)          | Linkage Park        |
| PIPPK71144 | Future Linkage Park BRENDAL (Land & Embellishments)          | Linkage Park        |
| PIPPK71145 | Future Linkage Park STRATHPINE (Land & Embellishments)       | Linkage Park        |
| PIPPK71148 | Future Linkage Park PETRIE (Land & Embellishments)           | Linkage Park        |
| PIPPK71150 | Future Linkage Park JOYNER (Land & Embellishments)           | Linkage Park        |
| PIPPK71151 | Future Linkage Park JOYNER (Land & Embellishments)           | Linkage Park        |
| PIPPK71152 | Future Linkage Park HIGHVALE (Land & Embellishments)         | Linkage Park        |
| PIPPK71153 | Future Linkage Park CAMP MOUNTAIN (Land & Embellishments)    | Linkage Park        |
| PIPPK71154 | Future Linkage Park BUNYA (Land & Embellishments)            | Linkage Park        |
| PIPPK71155 | Future Linkage Park SAMFORD VALLEY (Land & Embellishments)   | Linkage Park        |
| PIPPK71156 | Future Linkage Park ALBANY CREEK (Land & Embellishments)     | Linkage Park        |
| PIPPK71157 | Future Linkage Park ALBANY CREEK (Land & Embellishments)     | Linkage Park        |
| PIPPK71158 | Future Linkage Park CLEAR MOUNTAIN (Land & Embellishments)   | Linkage Park        |
| PIPPK71159 | Future Linkage Park DAKABIN (Land & Embellishments)          | Linkage Park        |
| PIPPK71161 | Future Linkage Park KALLANGUR (Land & Embellishments)        | Linkage Park        |
| PIPPK71162 | Future Linkage Park LAWNTON (Land & Embellishments)          | Linkage Park        |
| PIPPK71164 | Future Linkage Park EATONS HILL (Land & Embellishments)      | Linkage Park        |
| PIPPK71165 | Future Linkage Park South Pine River (Land & Embellishments) | Linkage Park        |
| PIPPK71167 | Four Mile Creek Linkage Completion (Land & Embellishments)   | Linkage Park        |
| PIPPK71168 | Future South Pine River Linkage 1 (Land & Embellishments)    | Linkage Park        |
| PIPPK71169 | Future South Pine River Linkage 2 (Land & Embellishments)    | Linkage Park        |



| Project ID | Trunk Infrastructure Item                                    | Infrastructure Type      |
|------------|--|--------------------------|
| PIPPK71170 | Future South Pine River Linkage 3 (Land & Embellishments)    | Linkage Park             |
| PIPPK71171 | Future Linkage Park South Pine River (Land & Embellishments) | Linkage Park             |
| PIPPK71172 | Future Linkage Park DAKABIN (Land & Embellishments)          | Linkage Park             |
| PIPPK71176 | Future PIP Park Warner Lakes 3 (Land & Embellishments)       | Local Park               |
| PIPPK71177 | Future PIP Park Warner Lakes 4 (Land & Embellishments)       | Local Park               |
| PIPPK71178 | Future Local Park MANGO HILL (Land & Embellishments)         | Local Park               |
| PIPPK71179 | Future Local Park MANGO HILL (Land & Embellishments)         | Local Park               |
| PIPPK71180 | Future Local Park MANGO HILL (Land & Embellishments)         | Local Park               |
| PIPPK71181 | Future Neighbourhood Park MANGO HILL (Land & Embellishments) | Neighbourhood Park       |
| PIPPK71182 | Future Town Park MANGO HILL (Land & Embellishments)          | Town Park                |
| PIPPK71186 | Linkage Park KINGS SCRUB (Land & Embellishments)             | Linkage Park             |
| PIPPK71187 | Basin Road Samsonvale Linkage Park (Land & Embellishments)   | Linkage Park             |
| PIPPK71188 | Future Linkage Park CEDAR CREEK (Land & Embellishments)      | Linkage Park             |
| PIPPK71190 | Future Linkage Park YUGAR (Land & Embellishments)            | Linkage Park             |
| PIPPK71199 | Brickworks Road Linkage Park (Land & Embellishments)         | Linkage Park             |
| PIPPK71202 | Linkage Park Brays Road (Land & Embellishments)              | Linkage Park             |
| PIPPK71205 | Linkage Park Samford Valley (Land & Embellishments)          | Linkage Park             |
| PIPPK71209 | Future NL 4 (Land & Embellishments)                          | Local Park               |
| PIPPK71210 | Future NL 5 (Land & Embellishments)                          | Local Park               |
| PIPPK71212 | Future NL 7 (Land & Embellishments)                          | Local Park               |
| PIPPK71216 | Future NL 11 (Land & Embellishments)                         | Local Park               |
| PIPPK71218 | Future NL 13 (Land & Embellishments)                         | Local Park               |
| PIPPK71222 | Future NL 17 (Land & Embellishments)                         | Local Park               |
| PIPPK71225 | Future NL 20 (Land & Embellishments)                         | Linkage Park             |
| PIPPK71235 | Future Linkage Park WARNER (Land & Embellishments)           | Linkage Park             |
| PIPPK71236 | Future Linkage Park WARNER (Land & Embellishments)           | Linkage Park             |
| PIPPK71237 | Future Linkage Park WARNER (Land & Embellishments)           | Linkage Park             |
| PIPPK71238 | Future Linkage Park WARNER (Land & Embellishments)           | Linkage Park             |
| PIPPK71239 | Future Linkage Park GRIFFIN (Land & Embellishments)          | Linkage Park             |
| PIPPK71240 | Future Linkage Park MURRUMBA DOWNS (Land & Embellishments)   | Linkage Park             |
| PIPPK71241 | Future Linkage Park CEDAR CREEK (Land & Embellishments)      | Linkage Park             |
| PIPRT00100 | Petrie to Young's Crossing (North Pine River) Trail          | Class 1 Recreation Trail |



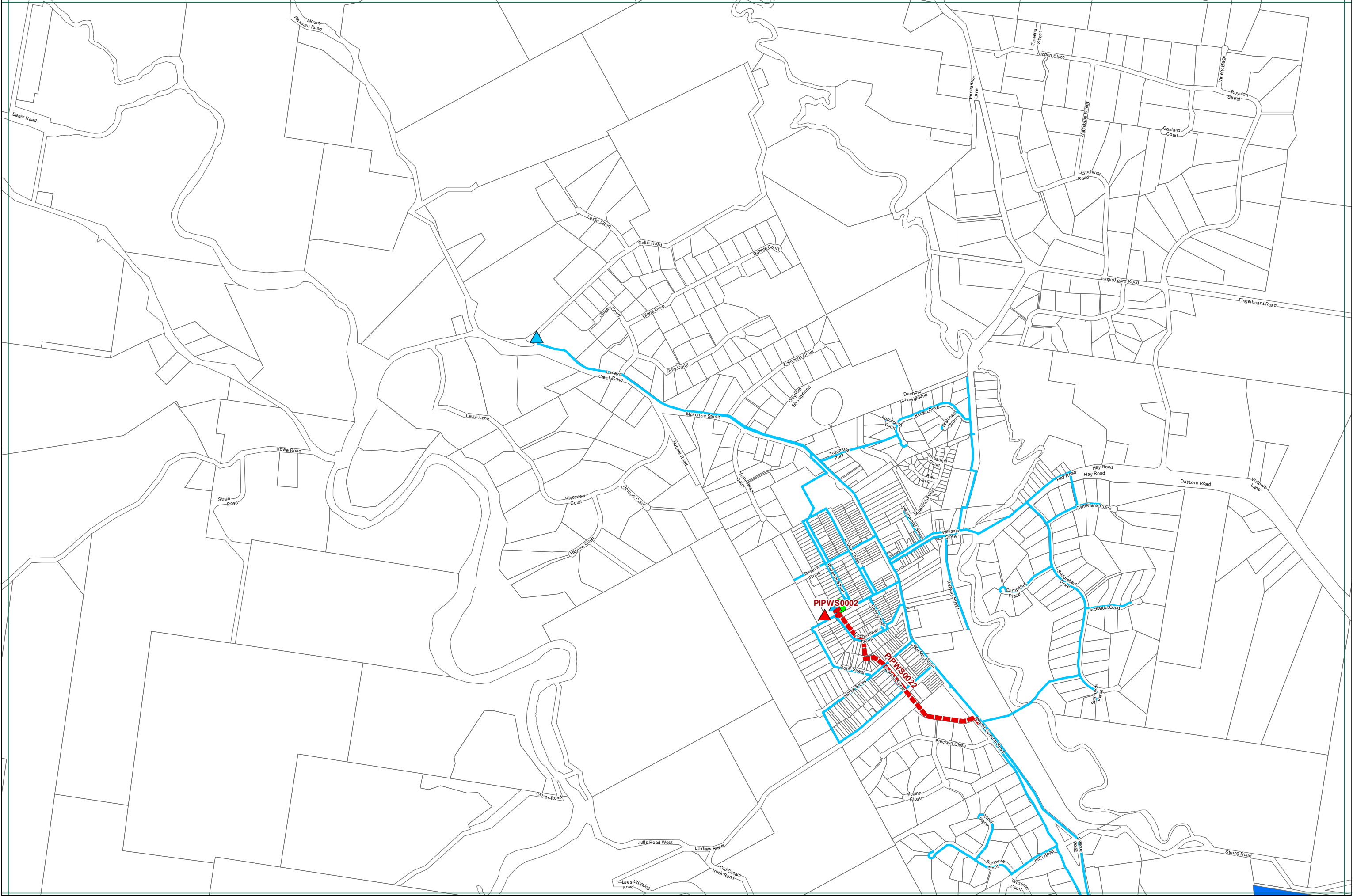
MORETON BAY REGIONAL COUNCIL  
ADOPTED INFRASTRUCTURE CHARGES RESOLUTION – Pine Rivers District

| Project ID | Trunk Infrastructure Item                                | Infrastructure Type               |
|------------|--|-----------------------------------|
| PIPRT00200 | Murrumba Link Trail                                      | Class 1 Recreation Trail          |
| PIPRT00300 | Freshwater Creek Trail                                   | Class 1 Recreation Trail          |
| PIPRT00400 | Petrie to Dohles Rocks (North Pine River) Link Trail     | Class 1 Recreation Trail          |
| PIPRT00500 | Dohles Rocks to Mango Hill Trail                         | Class 1 Concrete Recreation Trail |
| PIPRT00600 | Four Mile Creek Concept Trail                            | Class 1 Recreation Trail          |
| PIPRT00700 | Petrie to Redcliffe Rail Concept Trail                   | Class 1 Recreation Trail          |
| PIPRT00800 | North Pine Dam to Youngs Crossing Trail                  | Class 1 Recreation Trail          |
| PIPRT00900 | Winn Road Link Trail                                     | Class 2 Recreation Trail          |
| PIPRT01000 | One Mile Creek Trail                                     | Class 1 Recreation Trail          |
| PIPRT01100 | Eaton's Crossing Road Trail                              | Class 1 Recreation Trail          |
| PIPRT01200 | North Pine Country Club to Narangba Road                 | Class 1 Recreation Trail          |
| PIPRT01300 | Patman Street Circuit                                    | Class 2 Recreation Trail          |
| PIPRT01400 | Andrew Clark Road Concept Circuit Trail                  | Class 2 Recreation Trail          |
| PIPRT01500 | South Pine River (east) Concept Trail                    | Class 2 Recreation Trail          |
| PIPRT01600 | South Pine River (central) Concept Trail                 | Class 2 Recreation Trail          |
| PIPRT01800 | Samford State Forest to Camp Mountain State Forest       | Class 2 Recreation Trail          |
| PIPRT01900 | Cabbage Tree Creek Trail                                 | Class 1 Recreation Trail          |
| PIPRT02000 | Samford State Forest (internal) Trail                    | Class 2 Recreation Trail          |
| PIPRT02100 | Bunyaville State Forest (internal) Trails                | Class 2 Recreation Trail          |
| PIPRT02200 | Jinker Extension Track                                   | Class 1 Recreation Trail          |
| PIPRT02300 | Bunyaville State Forest to South Pine River No. 1        | Class 1 Recreation Trail          |
| PIPRT02400 | Bunyaville State Forest to South Pine River No. 2        | Class 1 Recreation Trail          |
| PIPRT02500 | Old Northern Road Trail                                  | Class 1 Recreation Trail          |
| PIPRT02600 | Albany Creek Concept Trail                               | Class 1 Recreation Trail          |
| PIPRT02700 | Mailman Track  | Class 2 Recreation Trail          |
| PIPRT02800 | Samford to Dayboro Road and Rail Trail                   | Class 2 Recreation Trail          |
| PIPRT02900 | Samford State Forest to Samford Village Circuit Trail    | Class 2 Recreation Trail          |
| PIPRT03000 | Samford State Forest to Samford Village (southern) Trail | Class 2 Recreation Trail          |
| PIPRT03100 | Samford West Trails                                      | Class 3 Recreation Trail          |
| PIPRT03200 | Dawson Valley Trail                                      | Class 2 Recreation Trail          |
| PIPRT03300 | House Mountain Range Concept Trail                       | Class 2 Recreation Trail          |
| PIPRT03400 | Mount Nebo Concept Link Trail                            | Class 3 Recreation Trail          |
| PIPRT03500 | Laceys Creek Trail                                       | Class 2 Recreation Trail          |
| PIPRT03600 | Dayboro State Forest Link Trail                          | Class 2 Recreation Trail          |
| PIPRT03700 | Dayboro State Forest Circuit Trail                       | Class 2 Recreation Trail          |
| PIPRT03800 | Laceys Creek to Dayboro State Forest Link Trail          | Class 3 Recreation Trail          |
| PIPRT03900 | Alison Booker Bushland Reserve Circuit Trail             | Class 2 Recreation Trail          |
| PIPRT04000 | Woodward Road link Trail                                 | Class 3 Recreation Trail          |
| PIPRT04100 | Dayboro North East Link Trail                            | Class 2 Recreation Trail          |
| PIPRT04200 | Dayboro - Mount Mee Road Link Trail                      | Class 3 Recreation Trail          |
| PIPRT04300 | Fred Road Circuit Trail                                  | Class 2 Recreation Trail          |
| PIPRT04400 | Petrie to Dayboro Link (Dayboro Road) Trail              | Class 2 Recreation Trail          |
| PIPRT04500 | Bonnie View Court Trail                                  | Class 2 Recreation Trail          |
| PIPRT04600 | Smiths Road Circuit Trail                                | Class 2 Recreation Trail          |
| PIPRT04700 | Dunlop Lane Circuit Trail                                | Class 2 Recreation Trail          |
| PIPRT04800 | Mumford Road Link Trail                                  | Class 1 Recreation Trail          |



| Project ID | Trunk Infrastructure Item                          | Infrastructure Type      |
|------------|--|--------------------------|
| PIPRT04900 | Boundary Road Link Trail                           | Class 1 Recreation Trail |
| PIPRT05000 | South Pine Concept Trail                           | Class 2 Recreation Trail |
| PIPRT05100 | Dawson Valley Trail                                | Class 2 Recreation Trail |
| PIPRT05200 | House Mountain Range Connection Trail<br>- Concept | Class 2 Recreation Trail |





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Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Reservoirs

Existing Water Pumps

Future Water Mains

Future Water Pumps

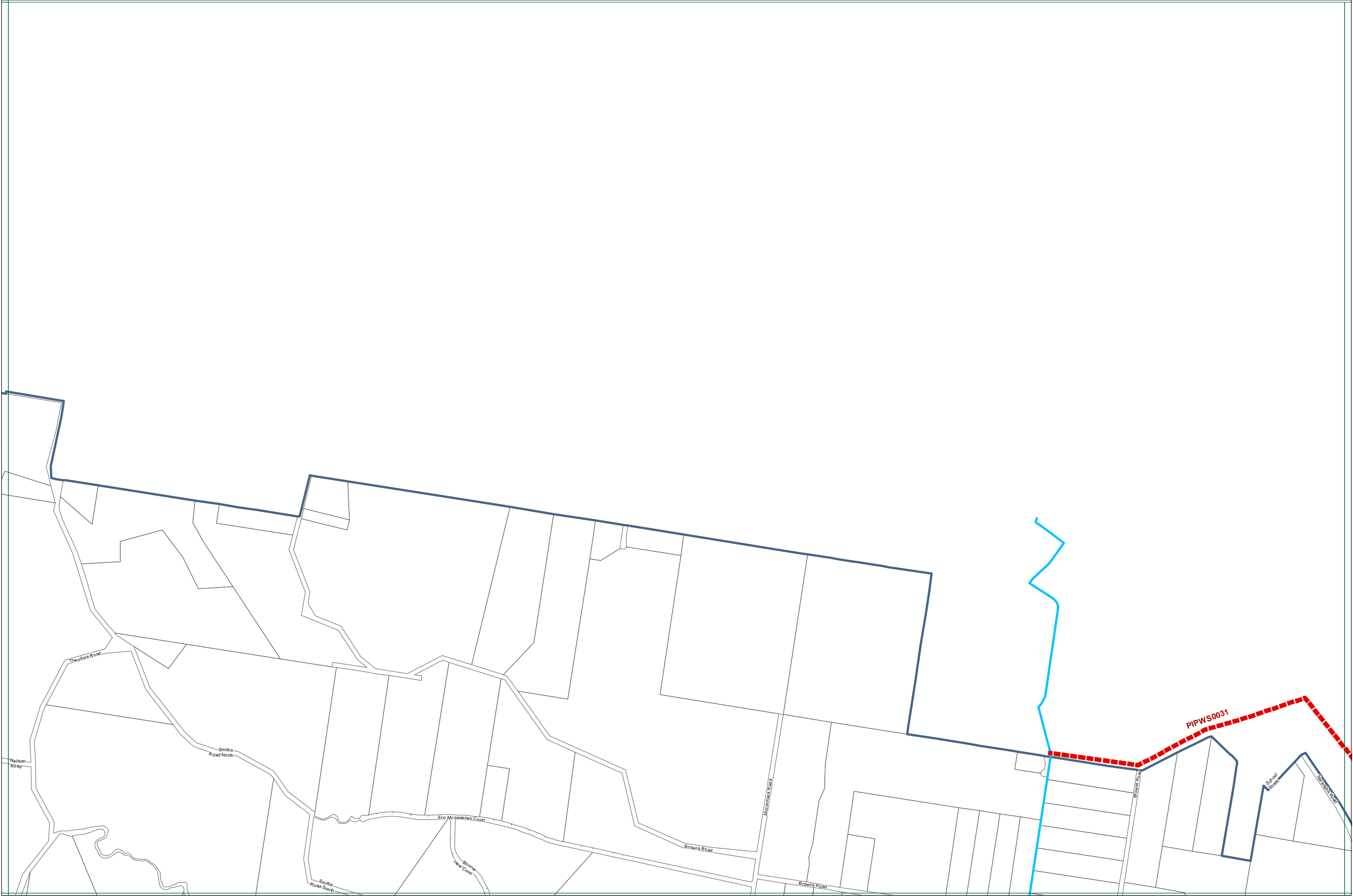
Future Water Reservoirs

|     |     |     |
|-----|-----|-----|
| 5.3 | 5.5 | 5.7 |
| 7.3 | 7.5 | 7.7 |
| 9.3 | 9.5 | 9.7 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY**  
  
*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
**Pine Rivers District**  
**WATER SUPPLY NETWORK ASSETS**  
**Map Number 7.5**





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Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs

|     |     |      |
|-----|-----|------|
| 5.7 |     |      |
| 7.7 | 7.9 | 7.11 |
| 9.7 | 9.9 | 9.11 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY

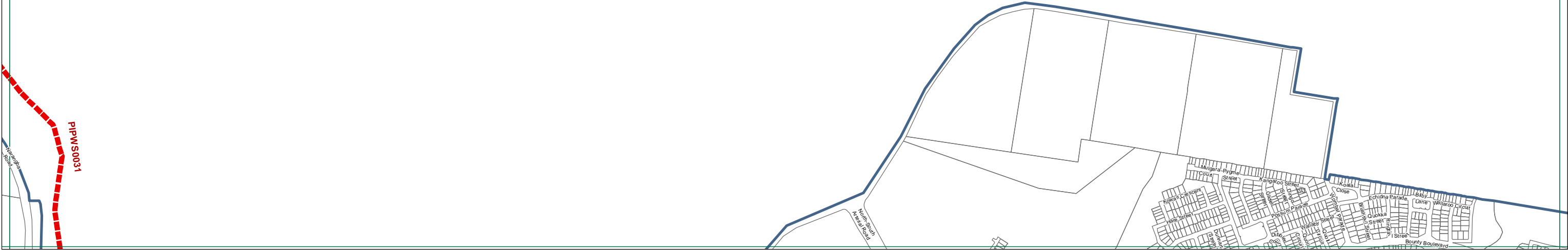
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

WATER SUPPLY NETWORK ASSETS

Map Number 7.9





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Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs

|     |      |      |
|-----|------|------|
| 7.9 | 7.11 | 7.13 |
| 9.9 | 9.11 | 9.13 |

**DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
WATER SUPPLY**  
  
*Adopted Infrastructure  
Charges Resolution*

**MORETON BAY REGIONAL COUNCIL  
Pine Rivers District**  
  
**WATER SUPPLY NETWORK ASSETS**  
  
**Map Number 7.11**





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Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs

|      |      |      |
|------|------|------|
| 7.3  | 7.5  | 7.7  |
| 9.3  | 9.5  | 9.7  |
| 11.3 | 11.5 | 11.7 |

DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
WATER SUPPLY

Adopted Infrastructure  
Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

WATER SUPPLY NETWORK ASSETS

Map Number 9.5





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N

Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

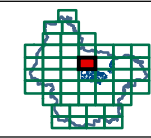
Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs



|      |      |      |
|------|------|------|
| 7.5  | 7.7  | 7.9  |
| 9.5  | 9.7  | 9.9  |
| 11.5 | 11.7 | 11.9 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

WATER SUPPLY NETWORK ASSETS

Map Number 9.7





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N

Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

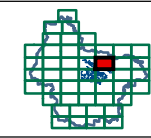
Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs



|      |      |       |
|------|------|-------|
| 7.7  | 7.9  | 7.11  |
| 9.7  | 9.9  | 9.11  |
| 11.7 | 11.9 | 11.11 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY

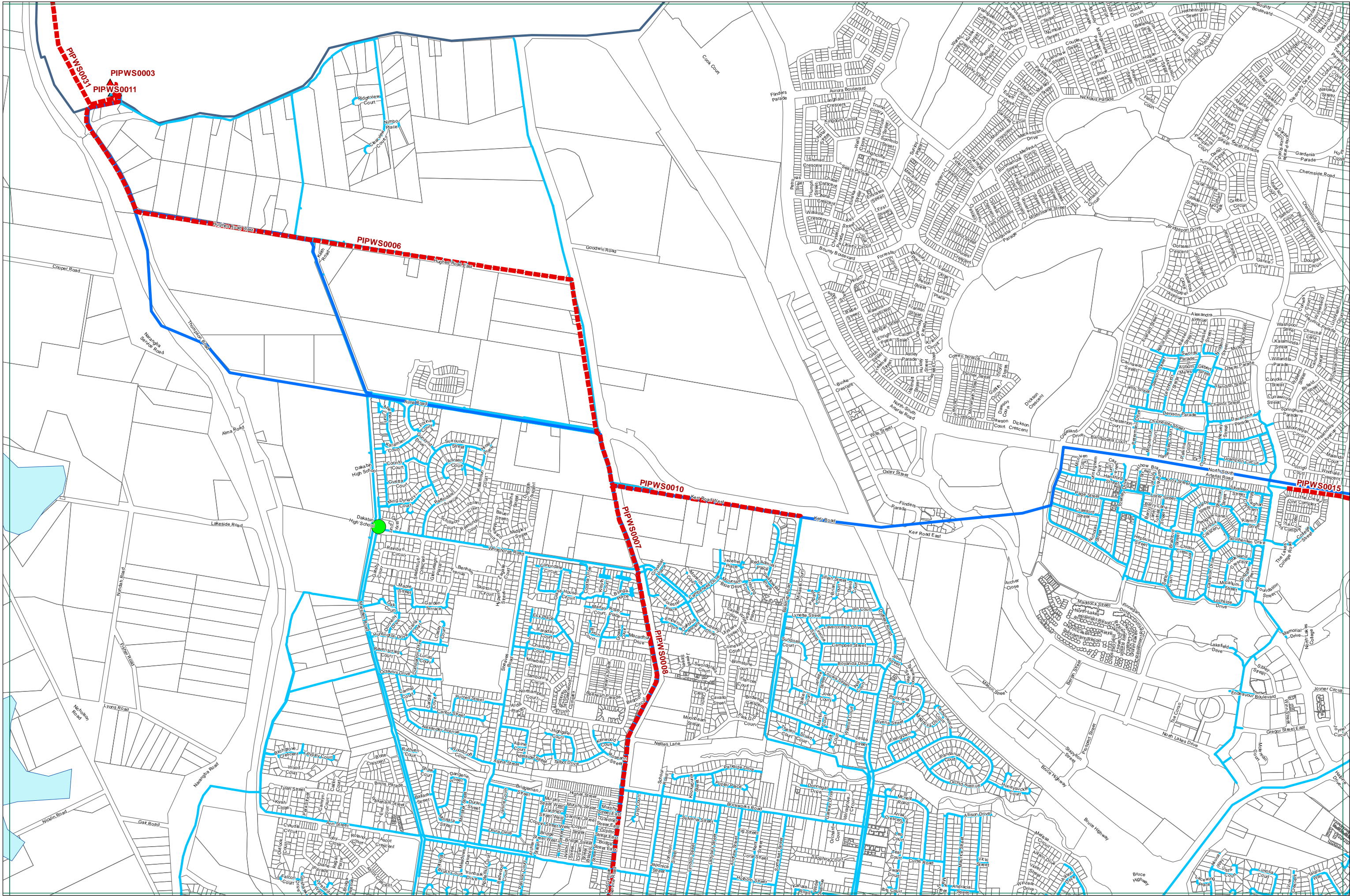
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

WATER SUPPLY NETWORK ASSETS

Map Number 9.9





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Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs

|      |       |       |
|------|-------|-------|
| 7.9  | 7.11  | 7.13  |
| 9.9  | 9.11  | 9.13  |
| 11.9 | 11.11 | 11.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL

Pine Rivers District

WATER SUPPLY NETWORK ASSETS

Map Number 9.11





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Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs

|       |       |  |
|-------|-------|--|
| 7.11  | 7.13  |  |
| 9.11  | 9.13  |  |
| 11.11 | 11.13 |  |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY

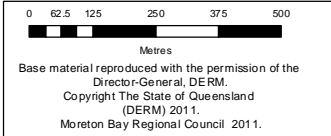
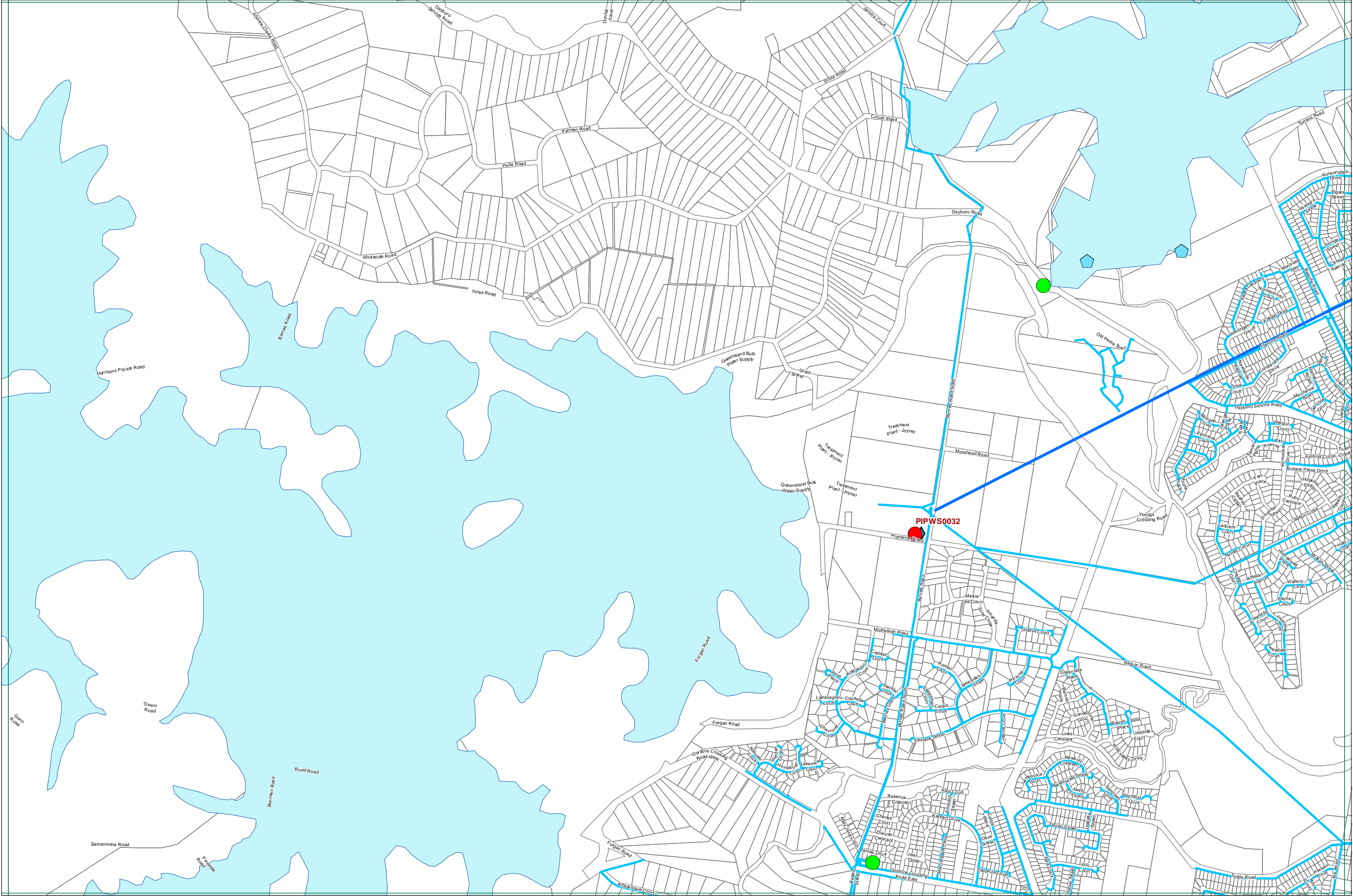
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

WATER SUPPLY NETWORK ASSETS

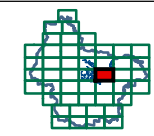
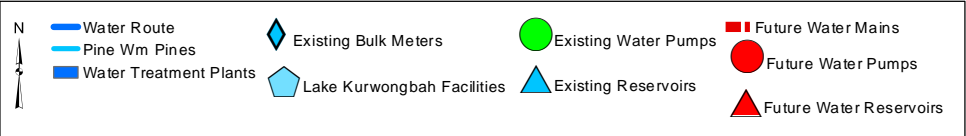
Map Number 9.13





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|      |      |       |
|------|------|-------|
| 9.7  | 9.9  | 9.11  |
| 11.7 | 11.9 | 11.11 |
| 13.7 | 13.9 | 13.11 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY**

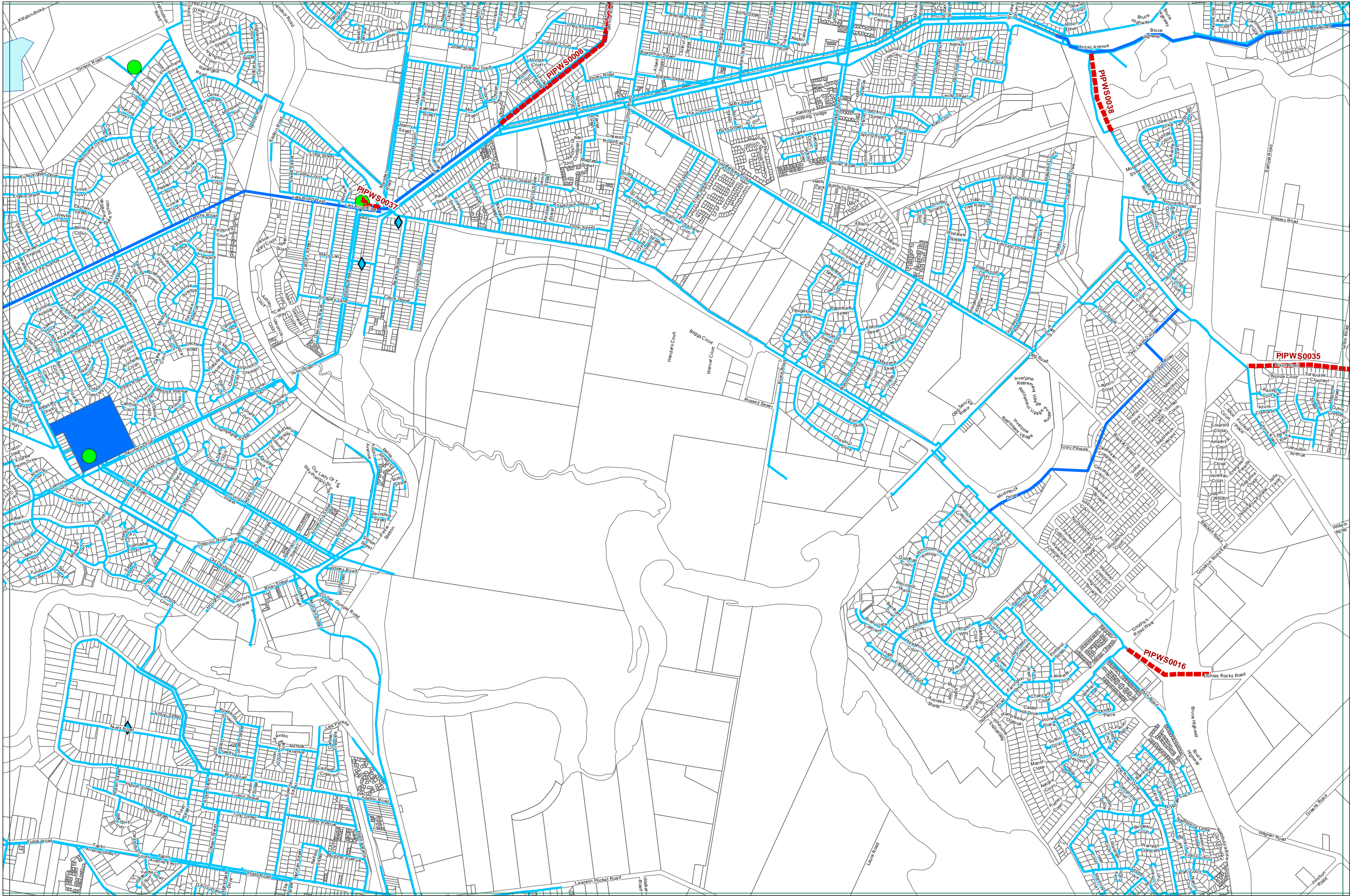
*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
**Pine Rivers District**

**WATER SUPPLY NETWORK ASSETS**

**Map Number 11.9**





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N

Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Reservoirs

Existing Water Pumps

Future Water Pumps

Future Water Reservoirs

|      |       |       |
|------|-------|-------|
| 9.9  | 9.11  | 9.13  |
| 11.9 | 11.11 | 11.13 |
| 13.9 | 13.11 | 13.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY

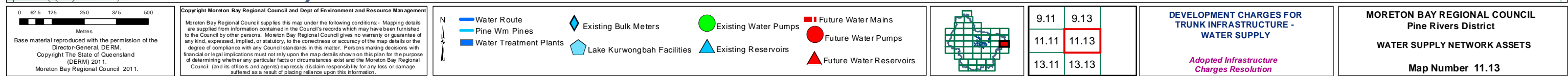
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL Pine Rivers District

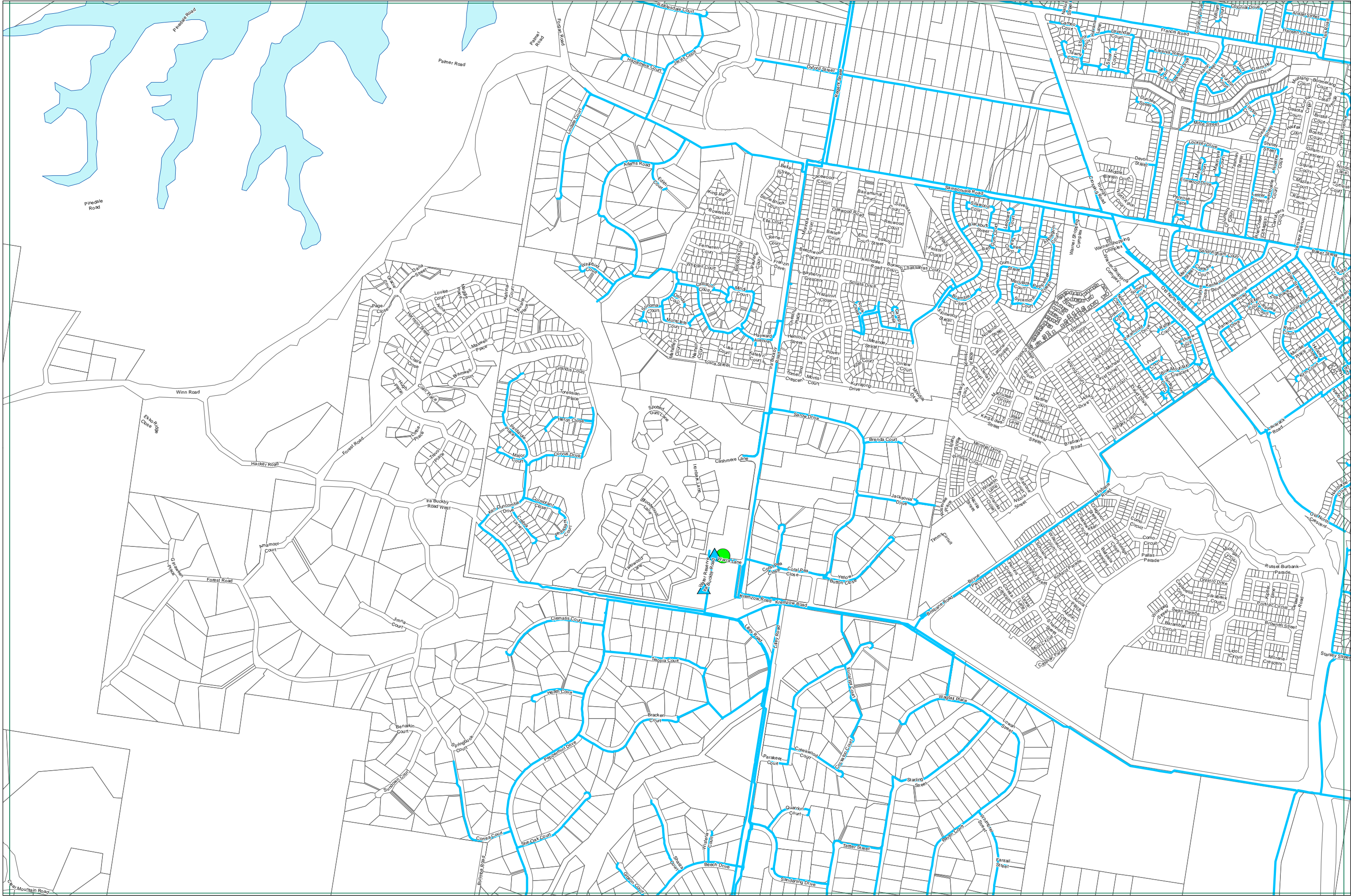
WATER SUPPLY NETWORK ASSETS

Map Number 11.11









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N

Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs

|      |      |       |
|------|------|-------|
| 11.7 | 11.9 | 11.11 |
| 13.7 | 13.9 | 13.11 |
| 15.7 | 15.9 | 15.11 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY**

*Adopted Infrastructure Charges Resolution*

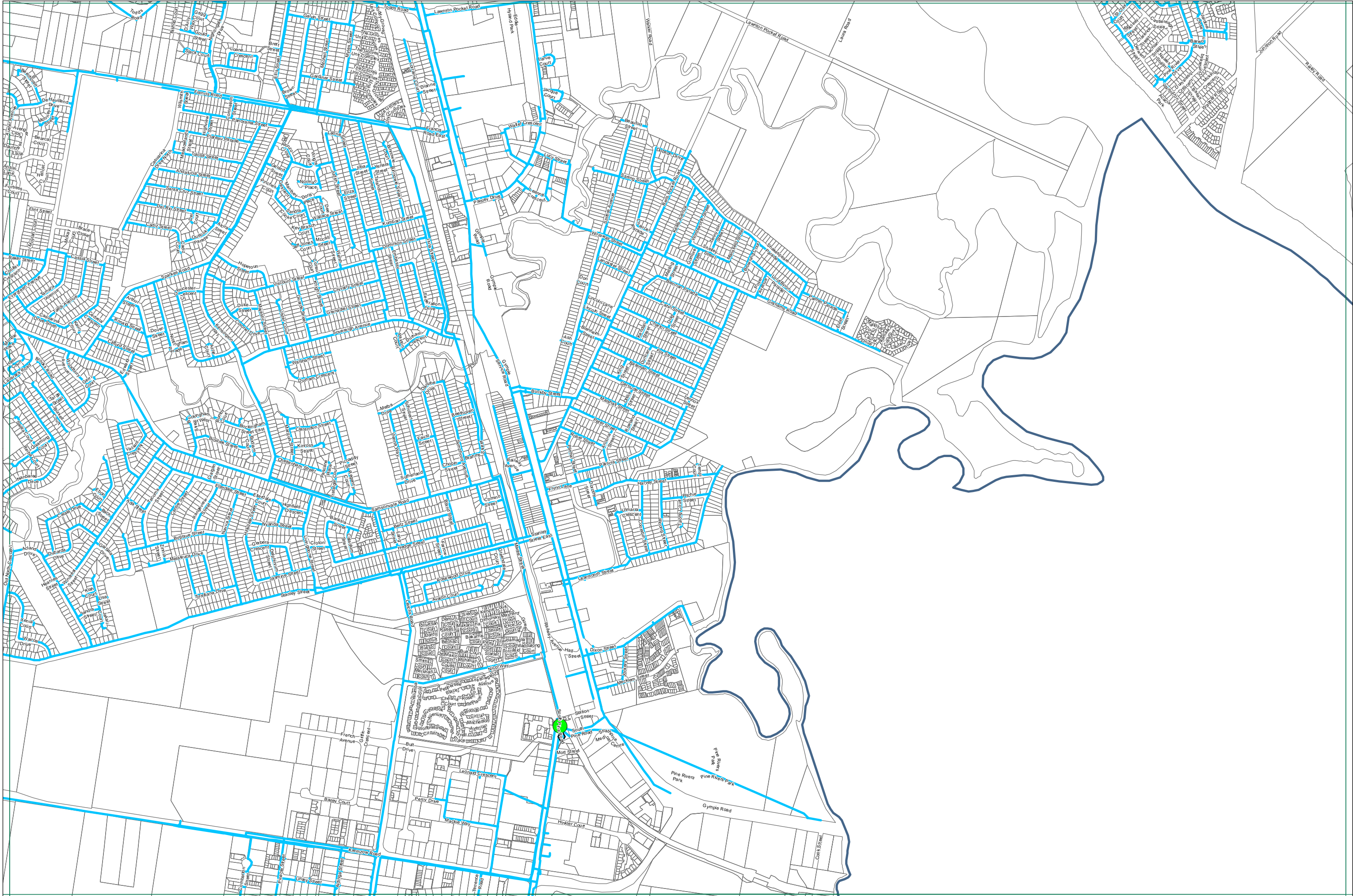
**MORETON BAY REGIONAL COUNCIL**

**Pine Rivers District**

**WATER SUPPLY NETWORK ASSETS**

**Map Number 13.9**

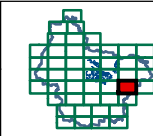




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- Water Route  
Pine Wm Pines  
Water Treatment Plants  
Existing Bulk Meters  
Lake Kurwongbah Facilities  
Existing Water Pumps  
Existing Reservoirs  
Future Water Mains  
Future Water Pumps  
Future Water Reservoirs

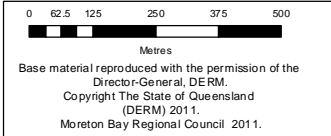


|      |       |       |
|------|-------|-------|
| 11.9 | 11.11 | 11.13 |
| 13.9 | 13.11 | 13.13 |
| 15.9 | 15.11 |       |

DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
WATER SUPPLY  
  
Adopted Infrastructure  
Charges Resolution

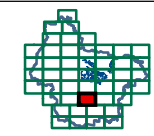
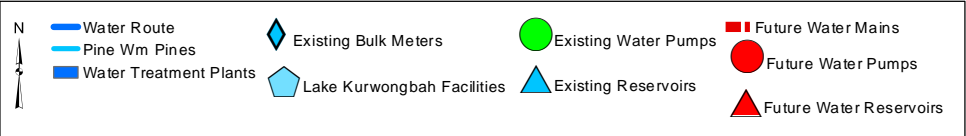
MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
  
WATER SUPPLY NETWORK ASSETS  
  
Map Number 13.11





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|      |      |      |
|------|------|------|
| 13.5 | 13.7 | 13.9 |
| 15.5 | 15.7 | 15.9 |
| 17.6 | 17.8 |      |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY**

*Adopted Infrastructure Charges Resolution*

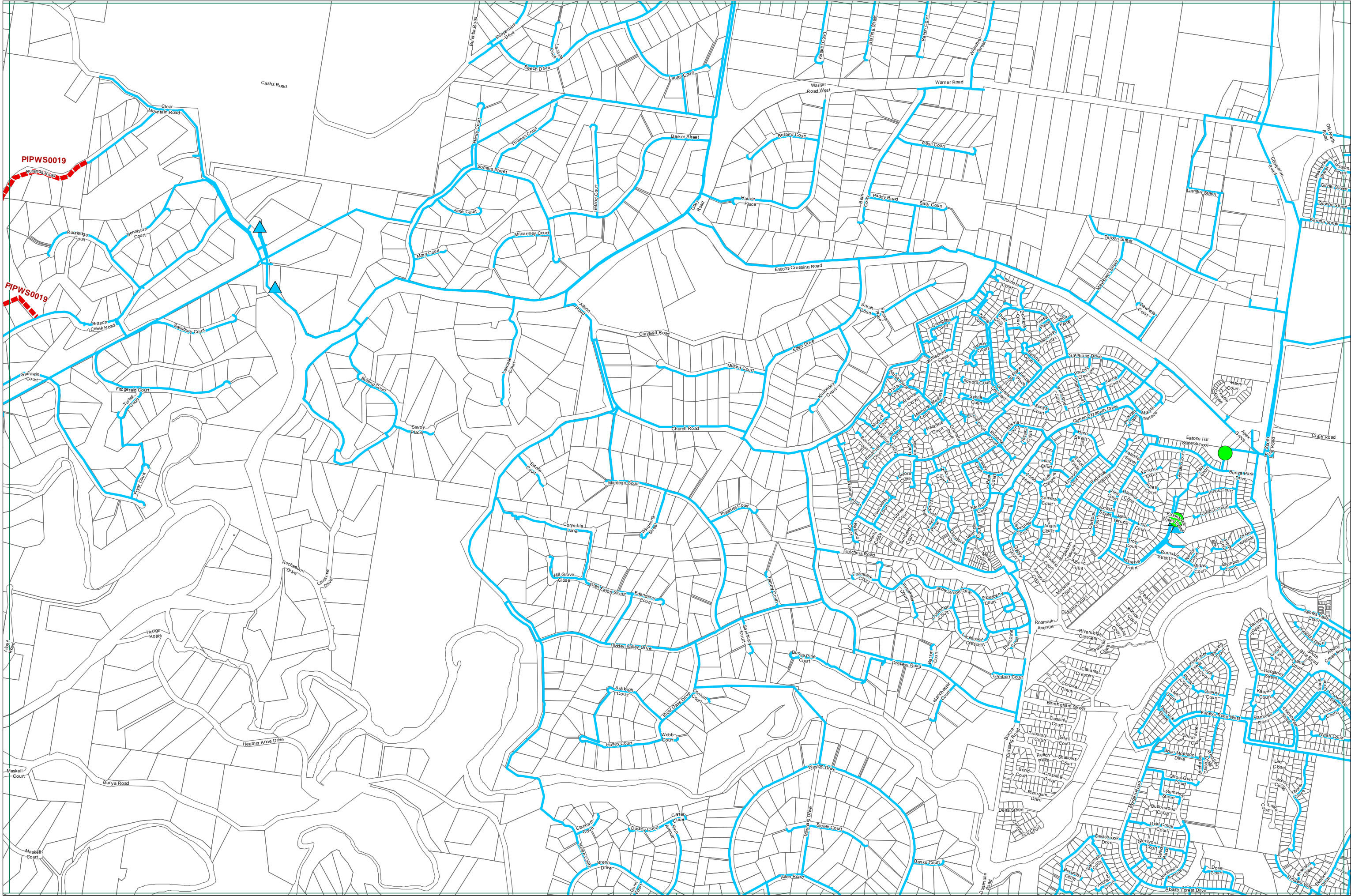
**MORETON BAY REGIONAL COUNCIL**

**Pine Rivers District**

**WATER SUPPLY NETWORK ASSETS**

**Map Number 15.7**





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Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs

|      |       |       |
|------|-------|-------|
| 13.7 | 13.9  | 13.11 |
| 15.7 | 15.9  | 15.11 |
| 17.8 | 17.10 |       |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL

Pine Rivers District

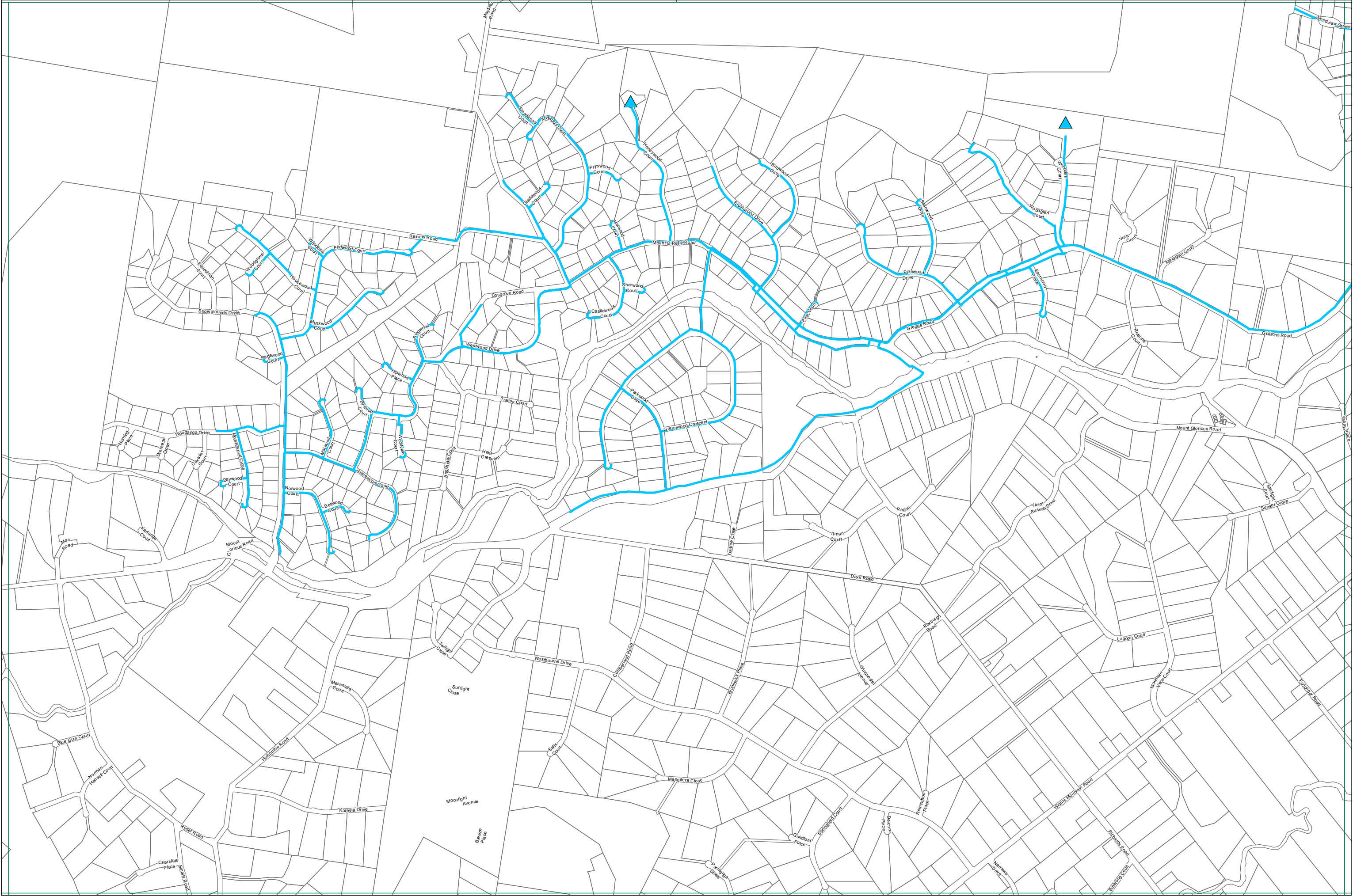
WATER SUPPLY NETWORK ASSETS

Map Number 15.9









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Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

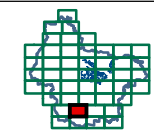
Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs



|      |      |
|------|------|
| 15.5 | 15.7 |
| 17.4 | 17.6 |
| 19.4 | 19.6 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

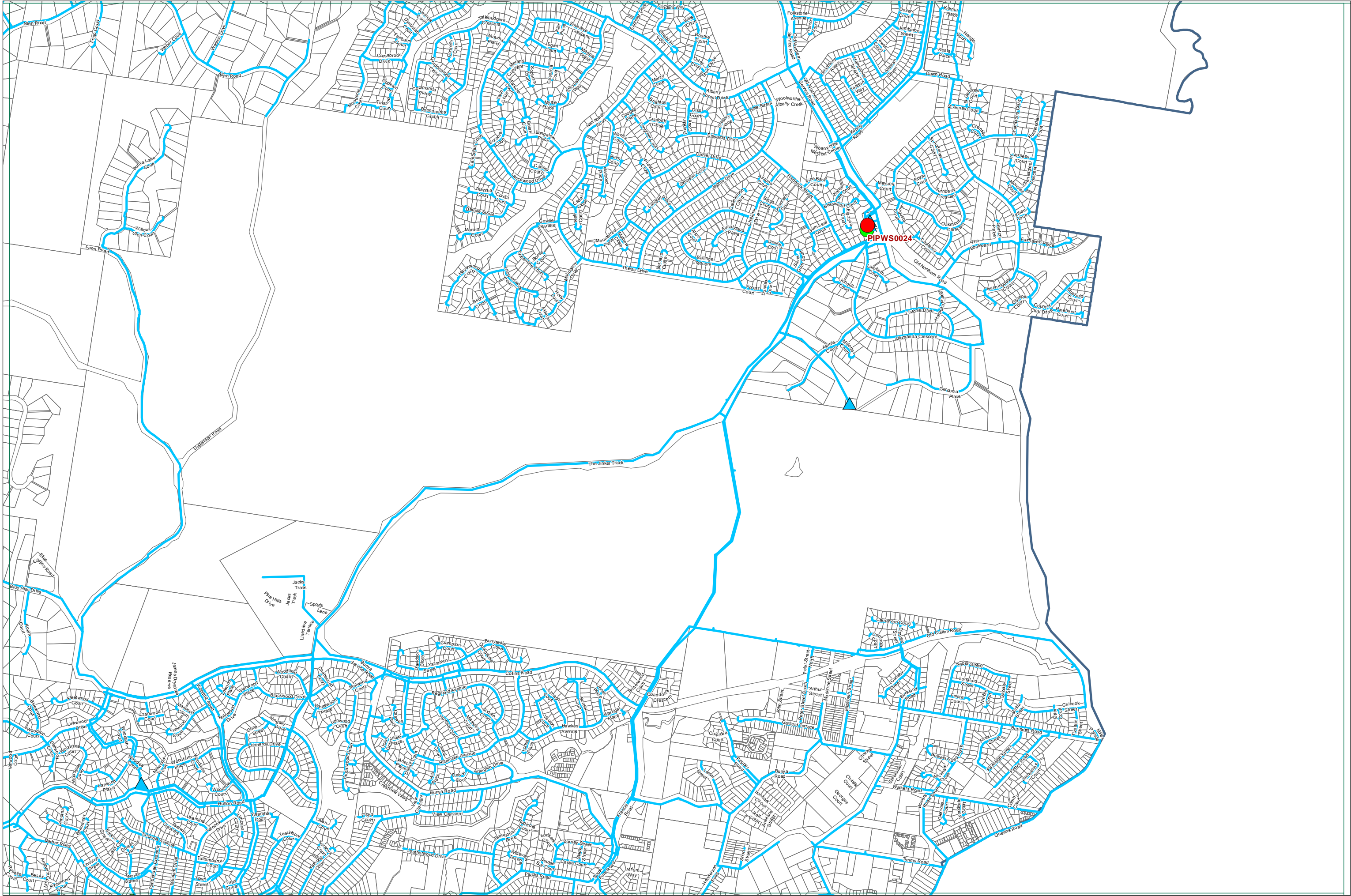
WATER SUPPLY NETWORK ASSETS

Map Number 17.6









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Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

Future Water Reservoirs

Map of Moreton Bay Region showing the location of the Pine Rivers District.

|      |       |
|------|-------|
| 15.9 | 15.11 |
| 17.8 | 17.10 |
| 19.8 | 19.10 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - WATER SUPPLY

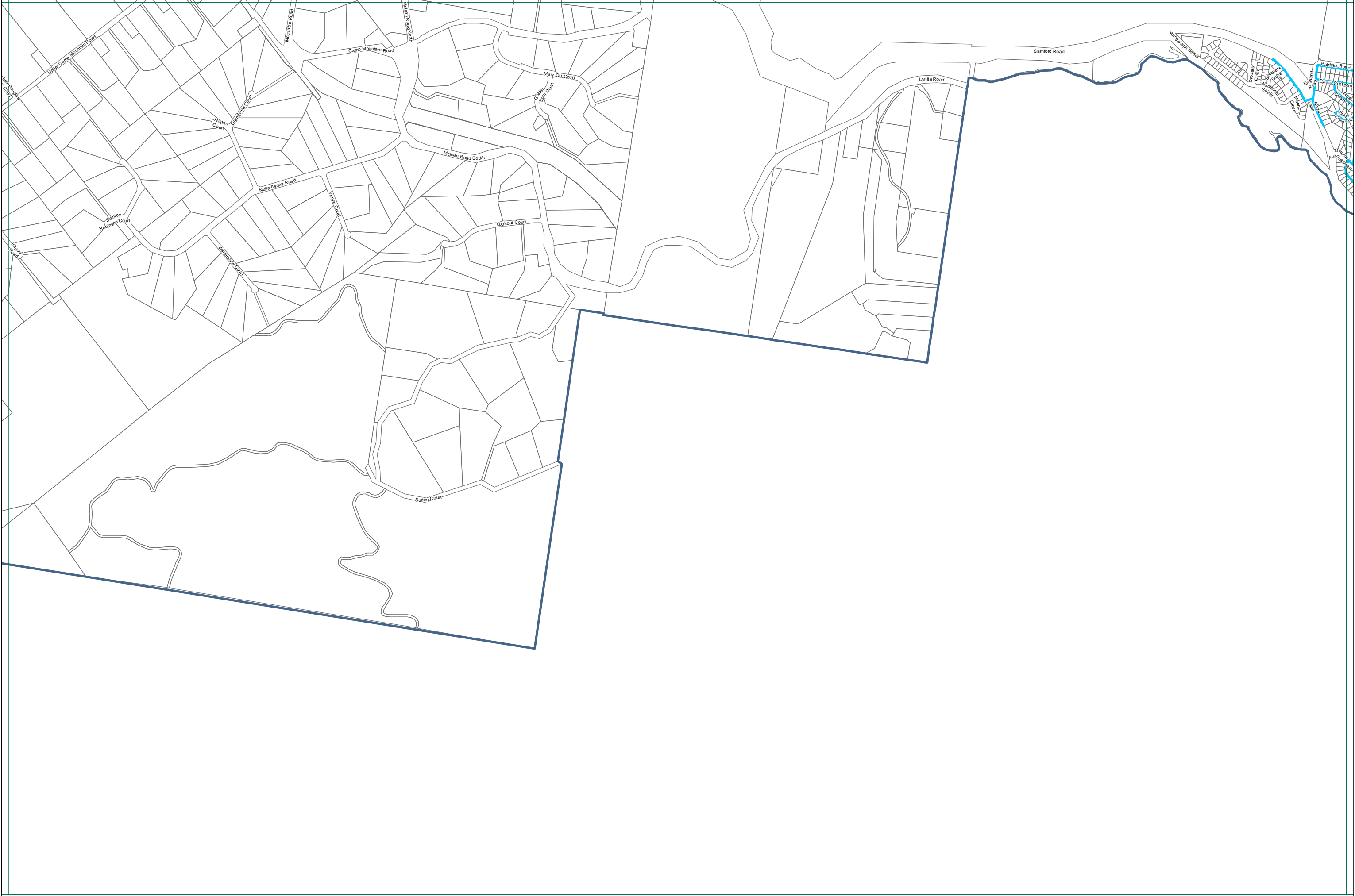
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL Pine Rivers District

WATER SUPPLY NETWORK ASSETS

Map Number 17.10





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Water Route

Pine Wm Pines

Water Treatment Plants

Existing Bulk Meters

Lake Kurwongbah Facilities

Existing Water Pumps

Existing Reservoirs

Future Water Mains

Future Water Pumps

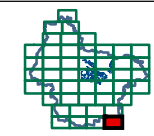
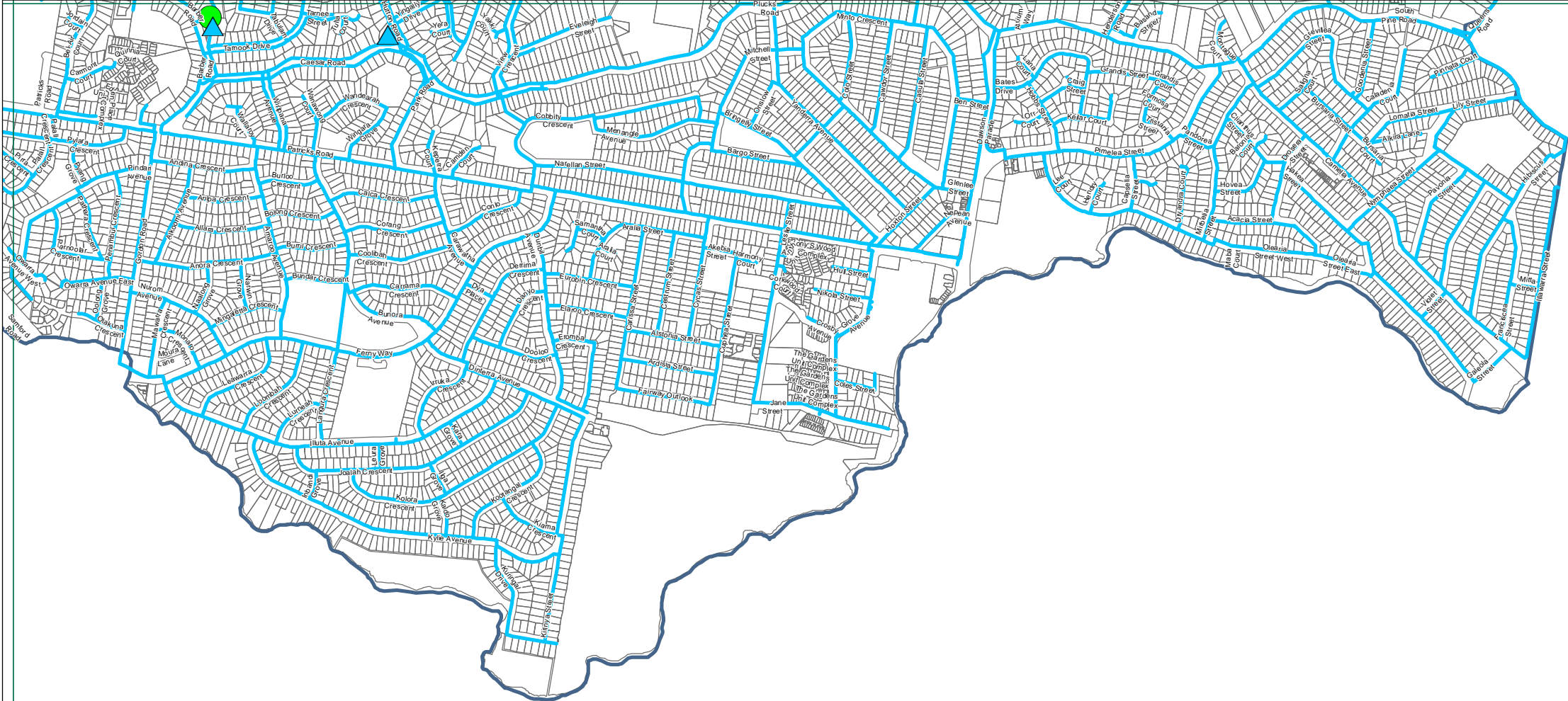
Future Water Reservoirs

|      |      |       |
|------|------|-------|
| 17.6 | 17.8 | 17.10 |
| 19.6 | 19.8 | 19.10 |

DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
WATER SUPPLY  
  
*Adopted Infrastructure  
Charges Resolution*

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
  
WATER SUPPLY NETWORK ASSETS  
  
Map Number 19.8





|      |       |
|------|-------|
| 17.8 | 17.10 |
| 19.8 | 19.10 |





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N

●

Existing Pump Stations

Existing Minor Sewer Trunk Mains

Existing Sewer Trunk Mains - Gravity

Existing Sewer Trunk Mains - Rising

●

Future Pump Station

Pump Station Upgrade

Pump Stations to Decommission

Future Storage Points

Future Gravity Mains

Future Rising Mains

|     |     |     |
|-----|-----|-----|
| 5.3 | 5.5 | 5.7 |
| 7.3 | 7.5 | 7.7 |
| 9.3 | 9.5 | 9.7 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - SEWERAGE

Adopted Infrastructure Charges Resolution

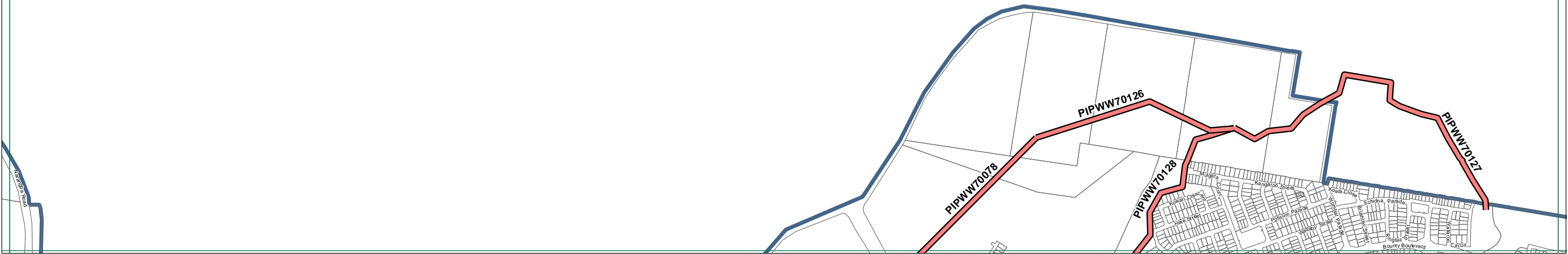
MORETON BAY REGIONAL COUNCIL

Pine Rivers District

SEWERAGE NETWORK ASSETS

Map Number 7.5





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N

●

 Existing Pump Stations

Existing Minor Sewer Trunk Mains

Existing Sewer Trunk Mains - Gravity

Existing Sewer Trunk Mains - Rising

●

 Future Pump Station

Pump Station Upgrade

●

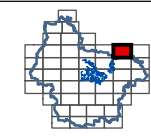
 Pump Stations to Decommission

■

 Future Storage Points

Future Gravity Mains

Future Rising Mains



|     |      |      |
|-----|------|------|
| 7.9 | 7.11 | 7.13 |
| 9.9 | 9.11 | 9.13 |

DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
SEWERAGE

*Adopted Infrastructure  
Charges Resolution*

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

SEWERAGE NETWORK ASSETS

Map Number 7.11





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N

●

Existing Pump Stations

Existing Minor Sewer Trunk Mains

Existing Sewer Trunk Mains - Gravity

Existing Sewer Trunk Mains - Rising

●

Future Pump Station

Pump Station Upgrade

Pump Stations to Decommission

Future Storage Points

Future Gravity Mains

Future Rising Mains

|      |      |      |
|------|------|------|
| 7.3  | 7.5  | 7.7  |
| 9.3  | 9.5  | 9.7  |
| 11.3 | 11.5 | 11.7 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - SEWERAGE

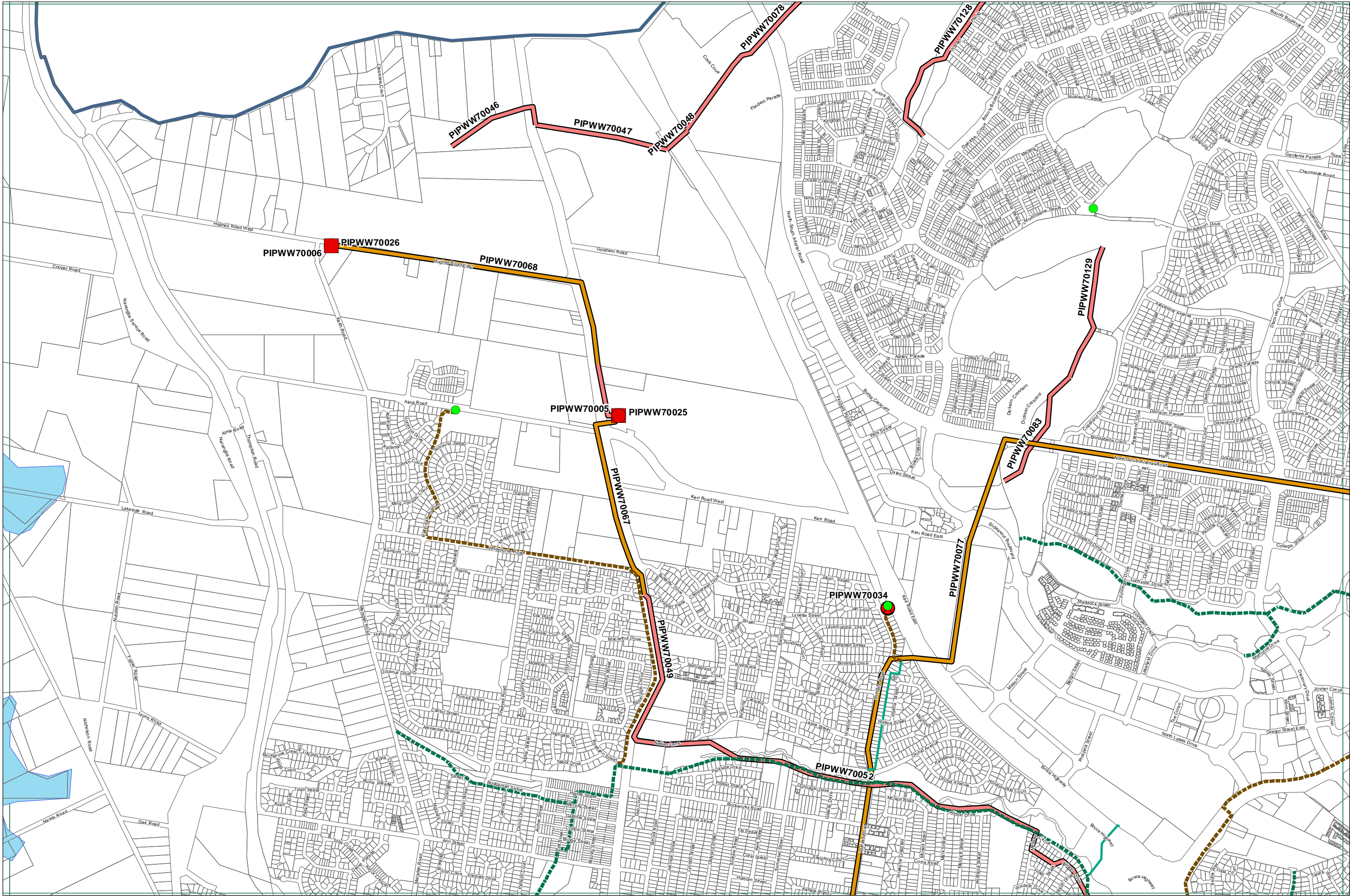
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

SEWERAGE NETWORK ASSETS

Map Number 9.5





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N

- Existing Pump Stations
- Existing Minor Sewer Trunk Mains
- Existing Sewer Trunk Mains - Gravity
- Existing Sewer Trunk Mains - Rising
- Future Pump Station
- Pump Station Upgrade
- Pump Stations to Decommission
- Future Storage Points
- Future Gravity Mains
- Future Rising Mains

|      |       |       |
|------|-------|-------|
| 7.9  | 7.11  | 7.13  |
| 9.9  | 9.11  | 9.13  |
| 11.9 | 11.11 | 11.13 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - SEWERAGE**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District

**SEWERAGE NETWORK ASSETS**

**Map Number 9.11**

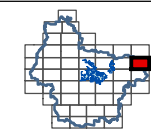




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- Existing Pump Stations
- Existing Minor Sewer Trunk Mains
- Existing Sewer Trunk Mains - Gravity
- Existing Sewer Trunk Mains - Rising
- Future Pump Station
- Pump Station Upgrade
- Pump Stations to Decommission
- Future Storage Points
- Future Gravity Mains
- Future Rising Mains

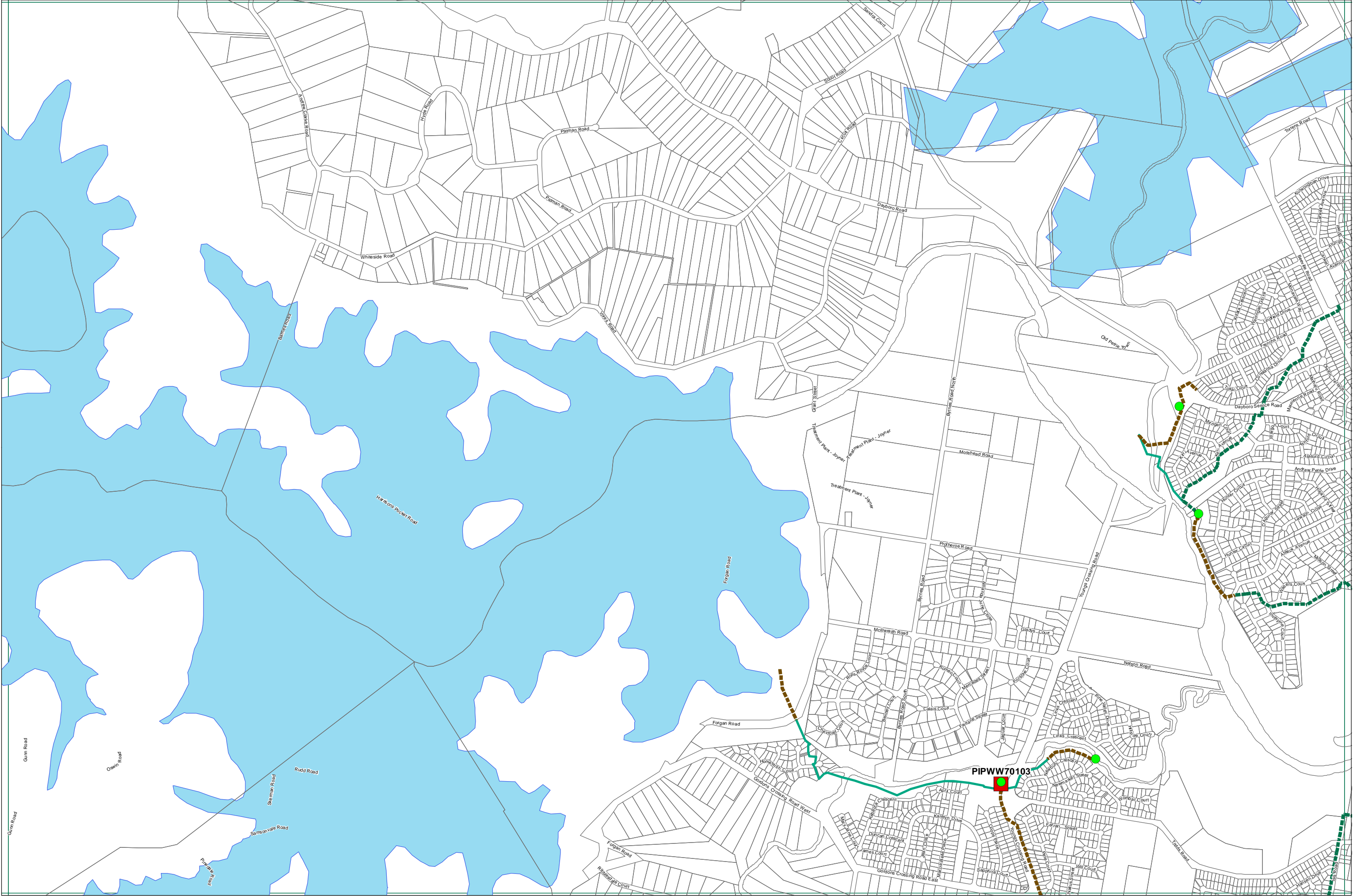


|       |       |
|-------|-------|
| 7.11  | 7.13  |
| 9.11  | 9.13  |
| 11.11 | 11.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - SEWERAGE  
*Adopted Infrastructure Charges Resolution*

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
SEWERAGE NETWORK ASSETS  
Map Number 9.13





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N

●

Existing Pump Stations

Existing Minor Sewer Trunk Mains

Existing Sewer Trunk Mains - Gravity

Existing Sewer Trunk Mains - Rising

●

Future Pump Station

Pump Station Upgrade

Pump Stations to Decommission

Future Storage Points

Future Gravity Mains

Future Rising Mains

|      |      |       |
|------|------|-------|
| 9.7  | 9.9  | 9.11  |
| 11.7 | 11.9 | 11.11 |
| 13.7 | 13.9 | 13.11 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - SEWERAGE

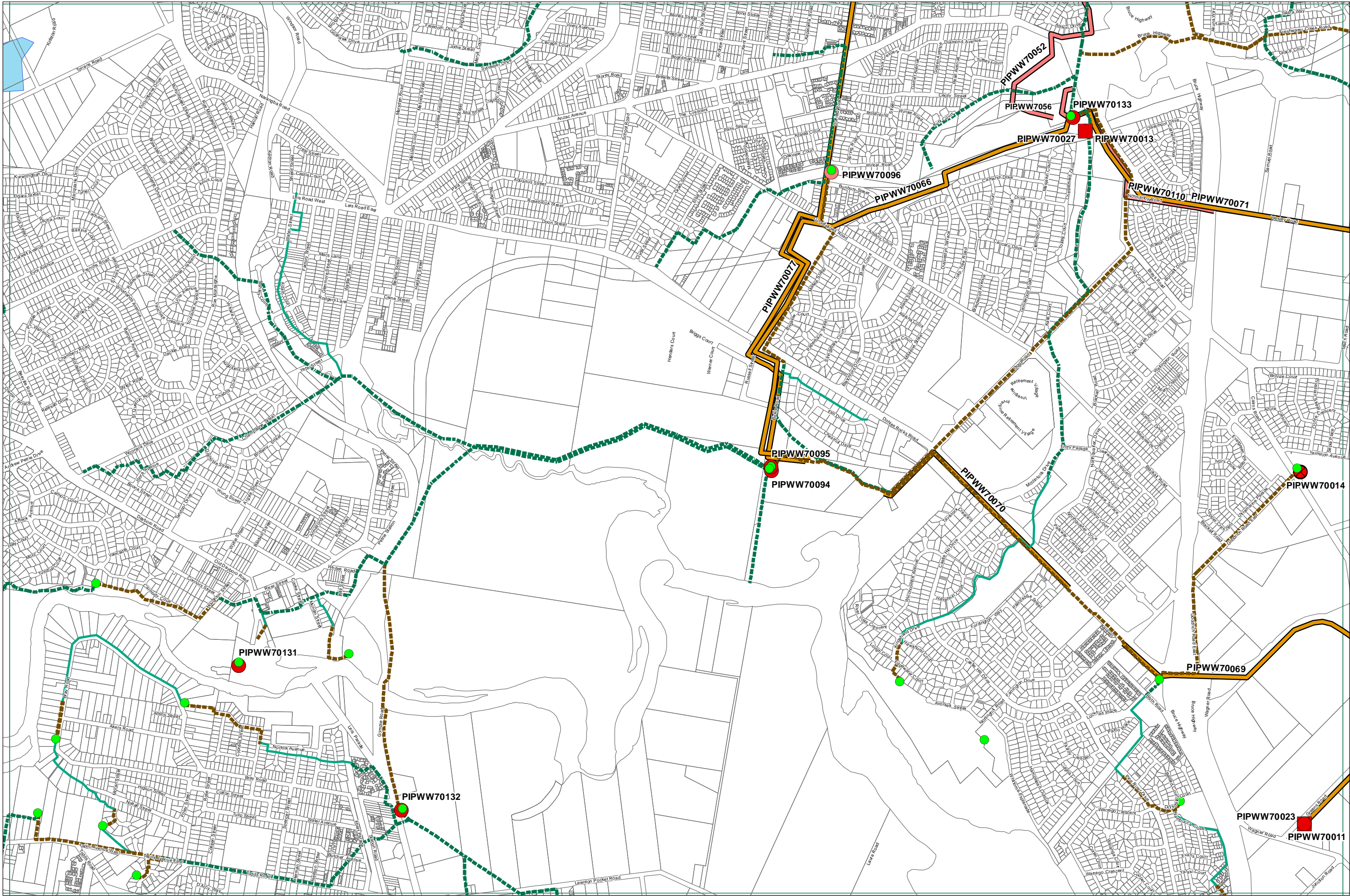
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

SEWERAGE NETWORK ASSETS

Map Number 11.9





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N

● Existing Pump Stations

— Existing Minor Sewer Trunk Mains

--- Existing Sewer Trunk Mains - Gravity

--- Existing Sewer Trunk Mains - Rising

● Future Pump Station

● Pump Station Upgrade

● Pump Stations to Decommission

■ Future Storage Points

— Future Gravity Mains

— Future Rising Mains

|      |       |       |
|------|-------|-------|
| 9.9  | 9.11  | 9.13  |
| 11.9 | 11.11 | 11.13 |
| 13.9 | 13.11 | 13.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - SEWERAGE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL Pine Rivers District

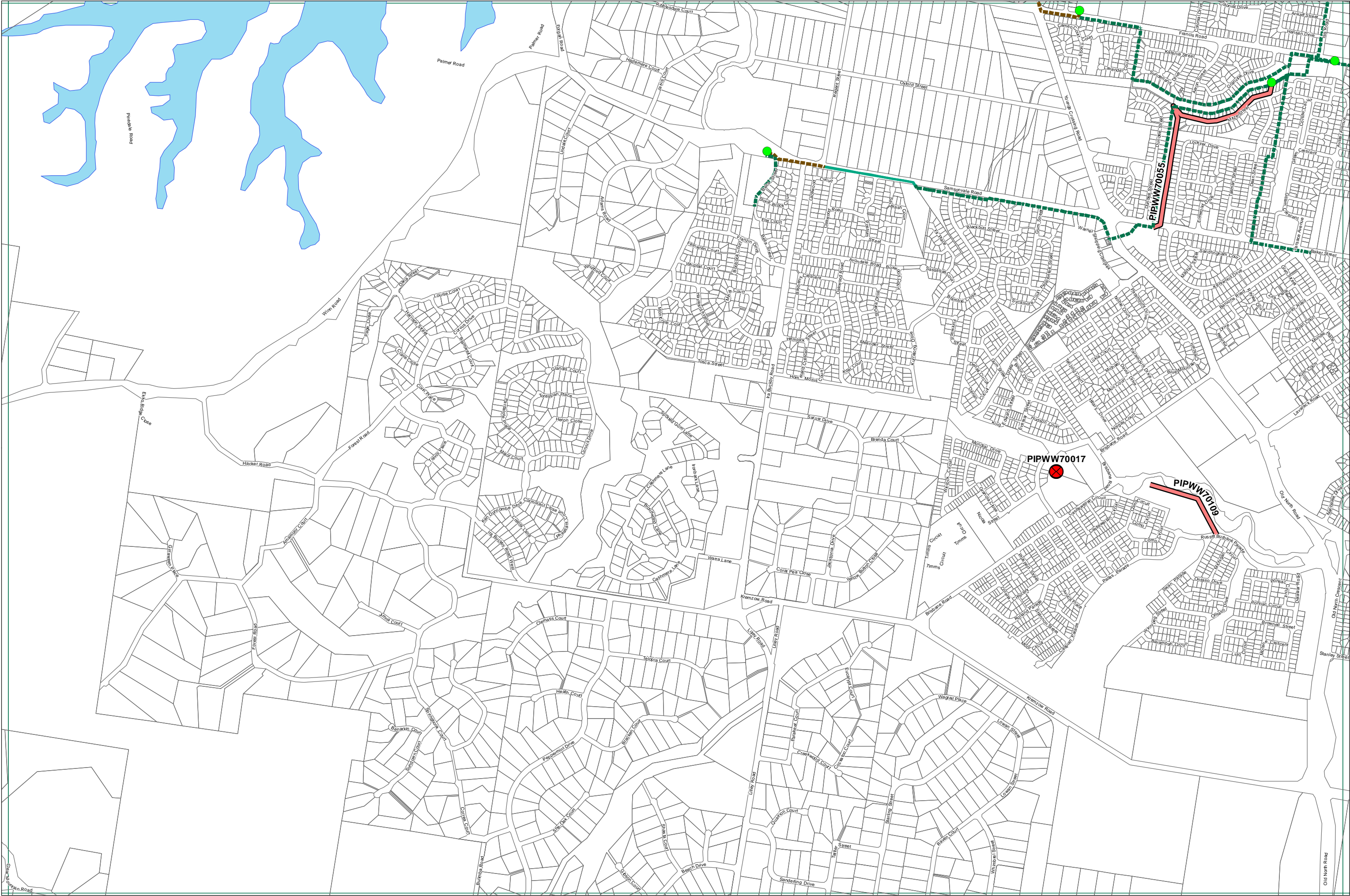
SEWERAGE NETWORK ASSETS

Map Number 11.11









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N

●

 Existing Pump Stations

Existing Minor Sewer Trunk Mains

Existing Sewer Trunk Mains - Gravity

Existing Sewer Trunk Mains - Rising

●

 Future Pump Station

Pump Station Upgrade

●

 Pump Stations to Decommission

■

 Future Storage Points

Future Gravity Mains

Future Rising Mains

|      |      |       |
|------|------|-------|
| 11.7 | 11.9 | 11.11 |
| 13.7 | 13.9 | 13.11 |
| 15.7 | 15.9 | 15.11 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - SEWERAGE

Adopted Infrastructure Charges Resolution

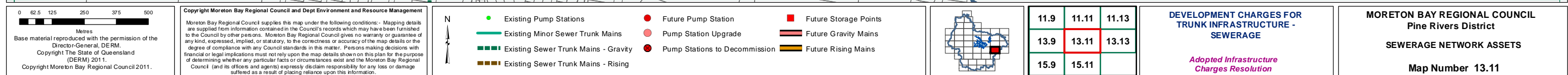
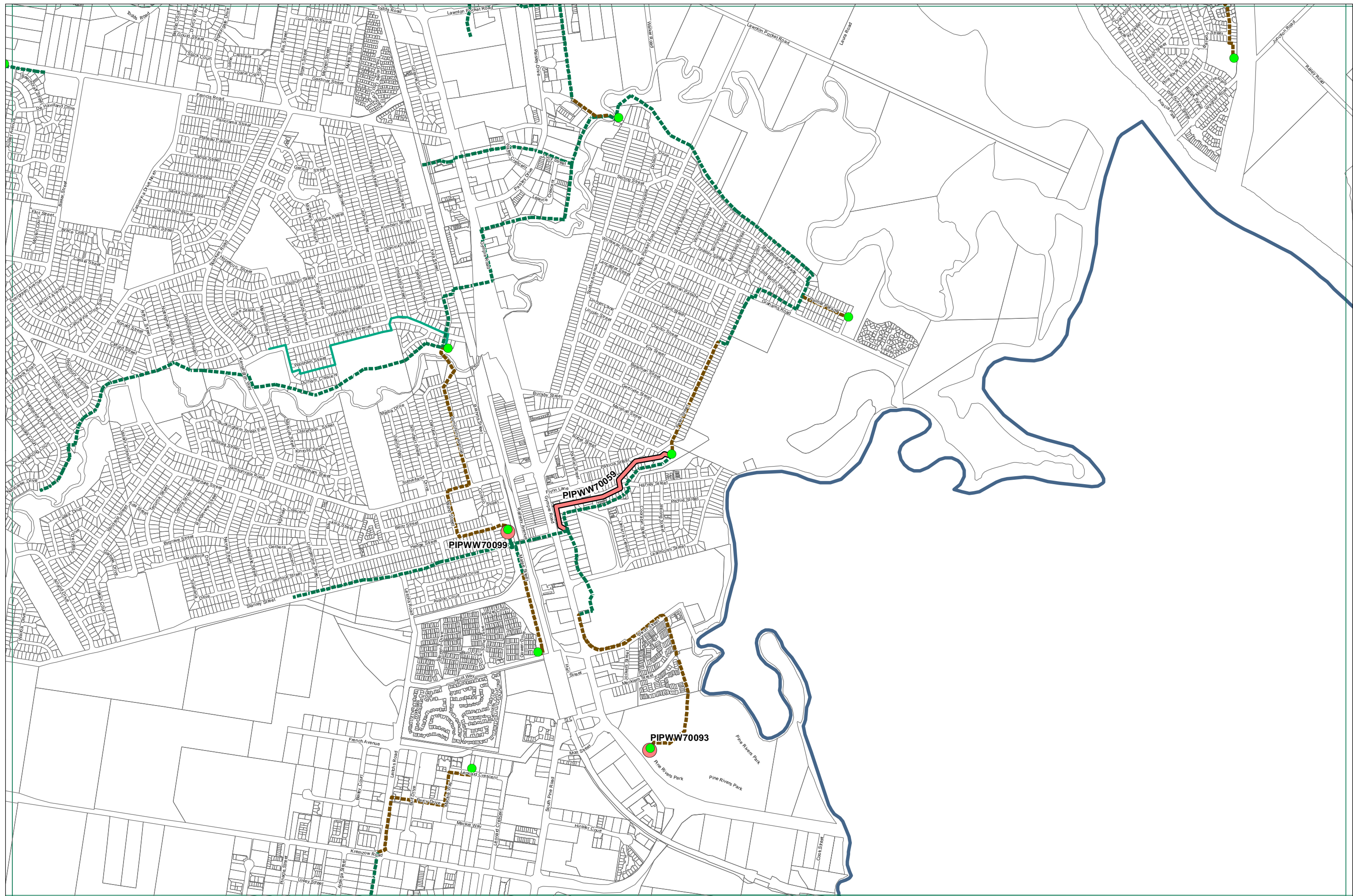
MORETON BAY REGIONAL COUNCIL

Pine Rivers District

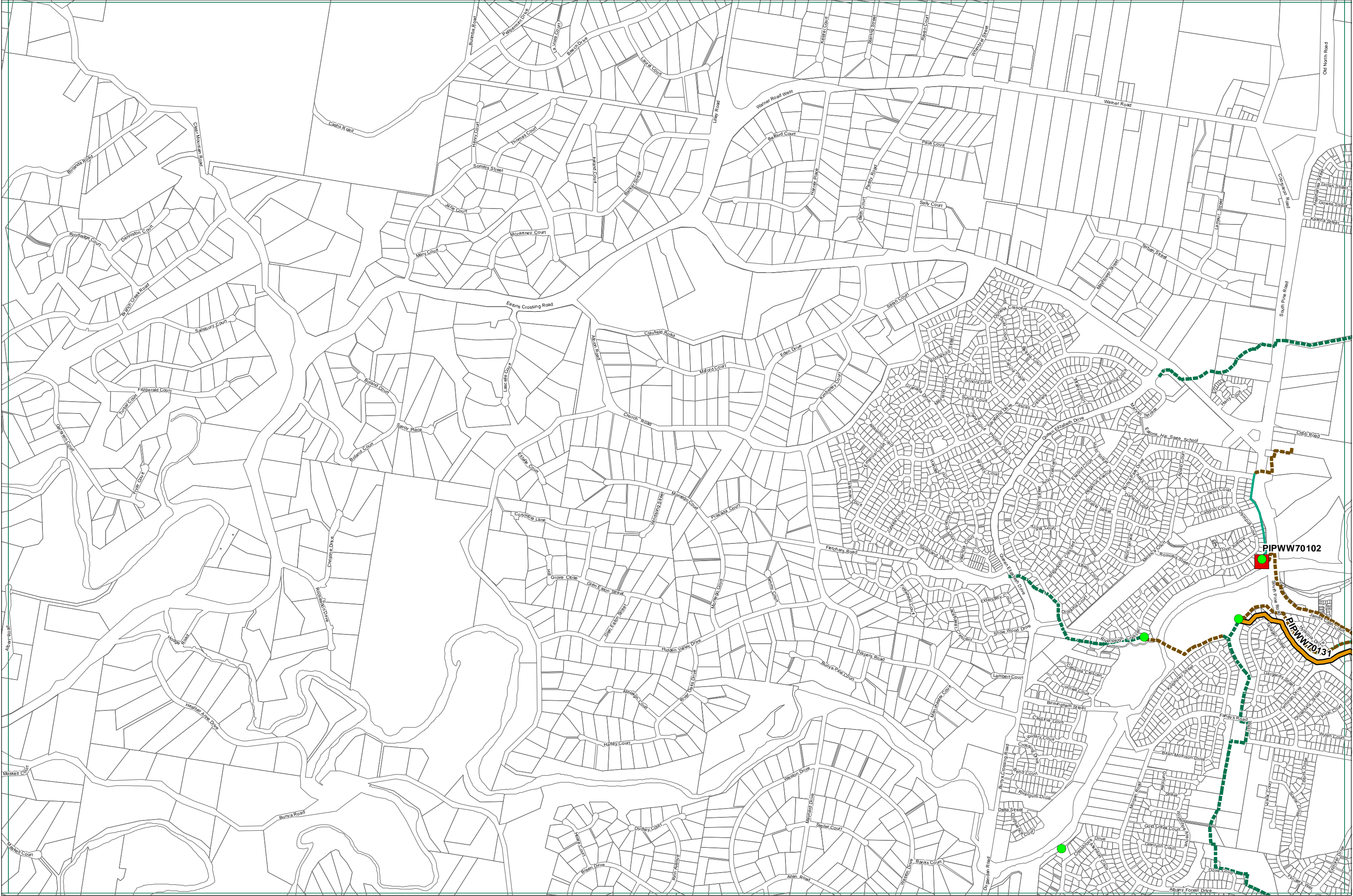
SEWERAGE NETWORK ASSETS

Map Number 13.9









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N

●

 Existing Pump Stations

Existing Minor Sewer Trunk Mains

Existing Sewer Trunk Mains - Gravity

Existing Sewer Trunk Mains - Rising

●

 Future Pump Station

Pump Station Upgrade

●

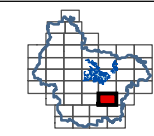
 Pump Stations to Decommission

■

 Future Storage Points

Future Gravity Mains

Future Rising Mains

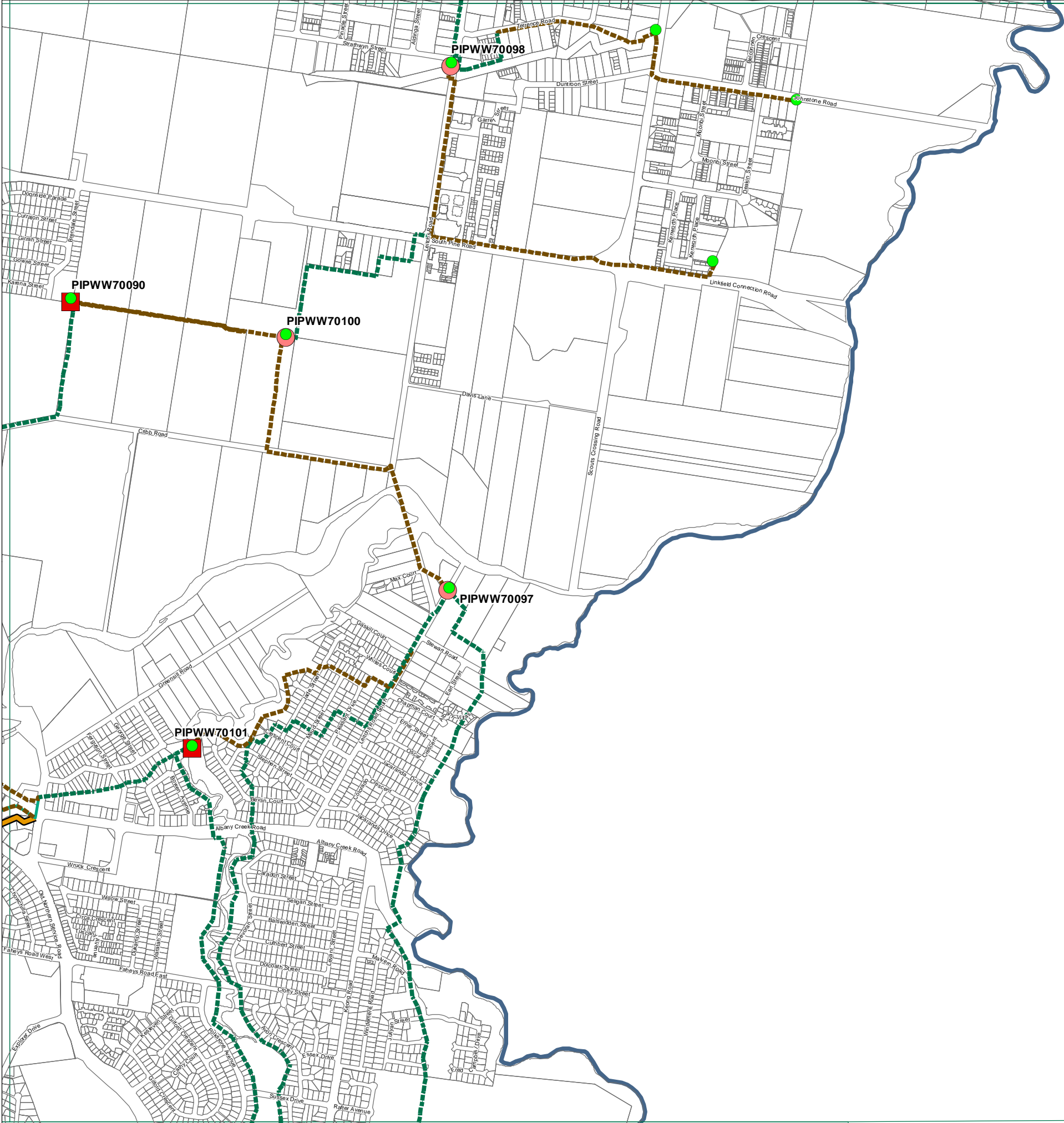


|      |      |       |
|------|------|-------|
| 13.7 | 13.9 | 13.11 |
| 15.7 | 15.9 | 15.11 |
| 17.6 | 17.8 | 17.10 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - SEWERAGE  
  
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
SEWERAGE NETWORK ASSETS  
Map Number 15.9





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N

●

 Existing Pump Stations

Existing Minor Sewer Trunk Mains

Existing Sewer Trunk Mains - Gravity

Existing Sewer Trunk Mains - Rising

●

 Future Pump Station

Pump Station Upgrade

Pump Stations to Decommission

■

 Future Storage Points

Future Gravity Mains

Future Rising Mains

|      |       |       |
|------|-------|-------|
| 13.9 | 13.11 | 13.13 |
| 15.9 | 15.11 |       |
| 17.8 | 17.10 |       |

DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
SEWERAGE

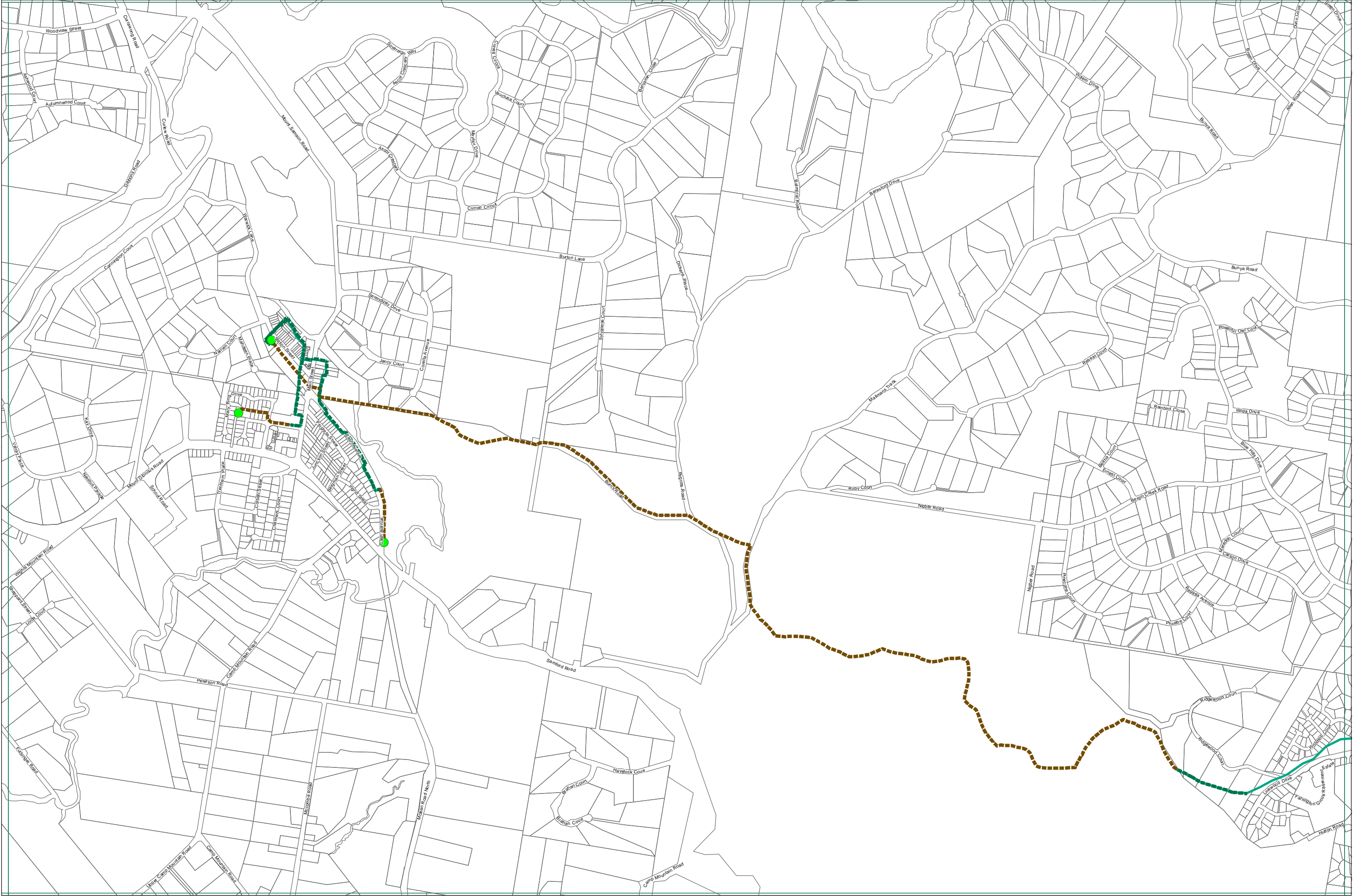
*Adopted Infrastructure  
Charges Resolution*

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

SEWERAGE NETWORK ASSETS

Map Number 15.11





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N

●

Existing Pump Stations

Existing Minor Sewer Trunk Mains

Existing Sewer Trunk Mains - Gravity

Existing Sewer Trunk Mains - Rising

●

Future Pump Station

Pump Station Upgrade

Pump Stations to Decommission

Future Storage Points

Future Gravity Mains

Future Rising Mains

|      |      |       |       |
|------|------|-------|-------|
| 15.5 | 15.7 | 15.9  | 15.11 |
| 17.6 | 17.8 | 17.10 |       |
| 19.6 | 19.8 | 19.10 |       |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - SEWERAGE

Adopted Infrastructure Charges Resolution

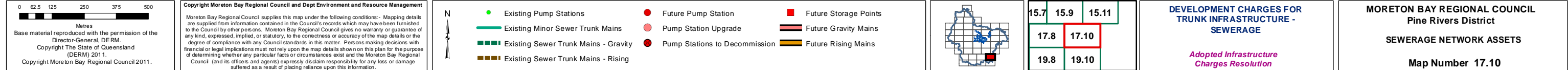
MORETON BAY REGIONAL COUNCIL

Pine Rivers District

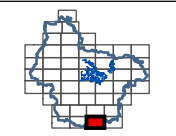
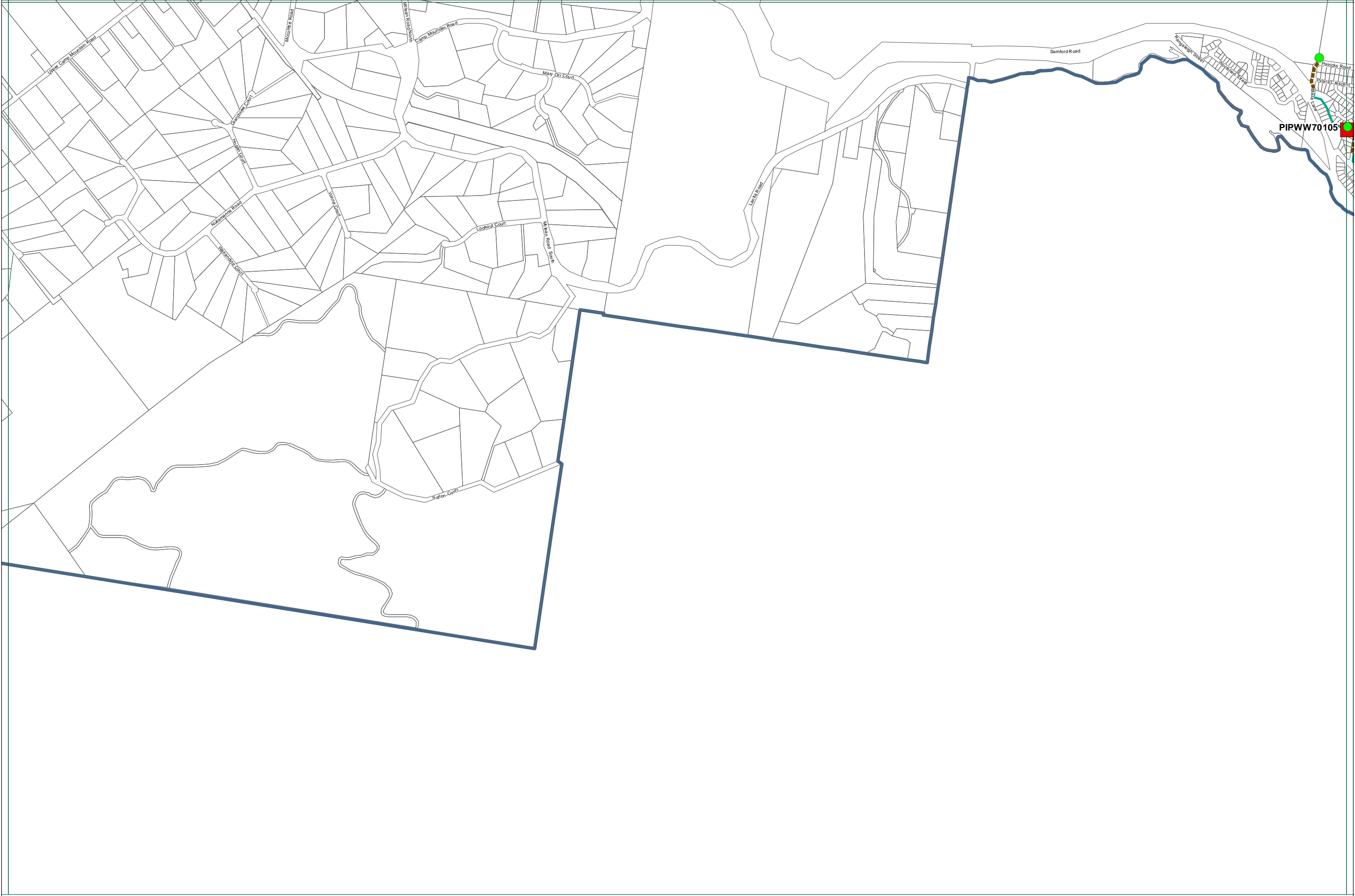
SEWERAGE NETWORK ASSETS

Map Number 17.8









|      |      |       |
|------|------|-------|
| 17.6 | 17.8 | 17.10 |
| 19.6 | 19.8 | 19.10 |









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N

Future Infrastructure

Bank Stabilisation

Detention Basin

Bioretention Basin

Crossing Upgrade

Sedimentation Basin

GPT

Sediment Trap

Swale

Trash Rack

Open Channel Work

Pipe Drainage

Rehabilitation

Revegetation

RCMA Major

RCMA Minor

Acquisition

|     |     |     |
|-----|-----|-----|
|     | 3.3 | 3.5 |
|     | 5.3 | 5.5 |
| 7.1 | 7.3 | 7.5 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER

Adopted Infrastructure Charges Resolution

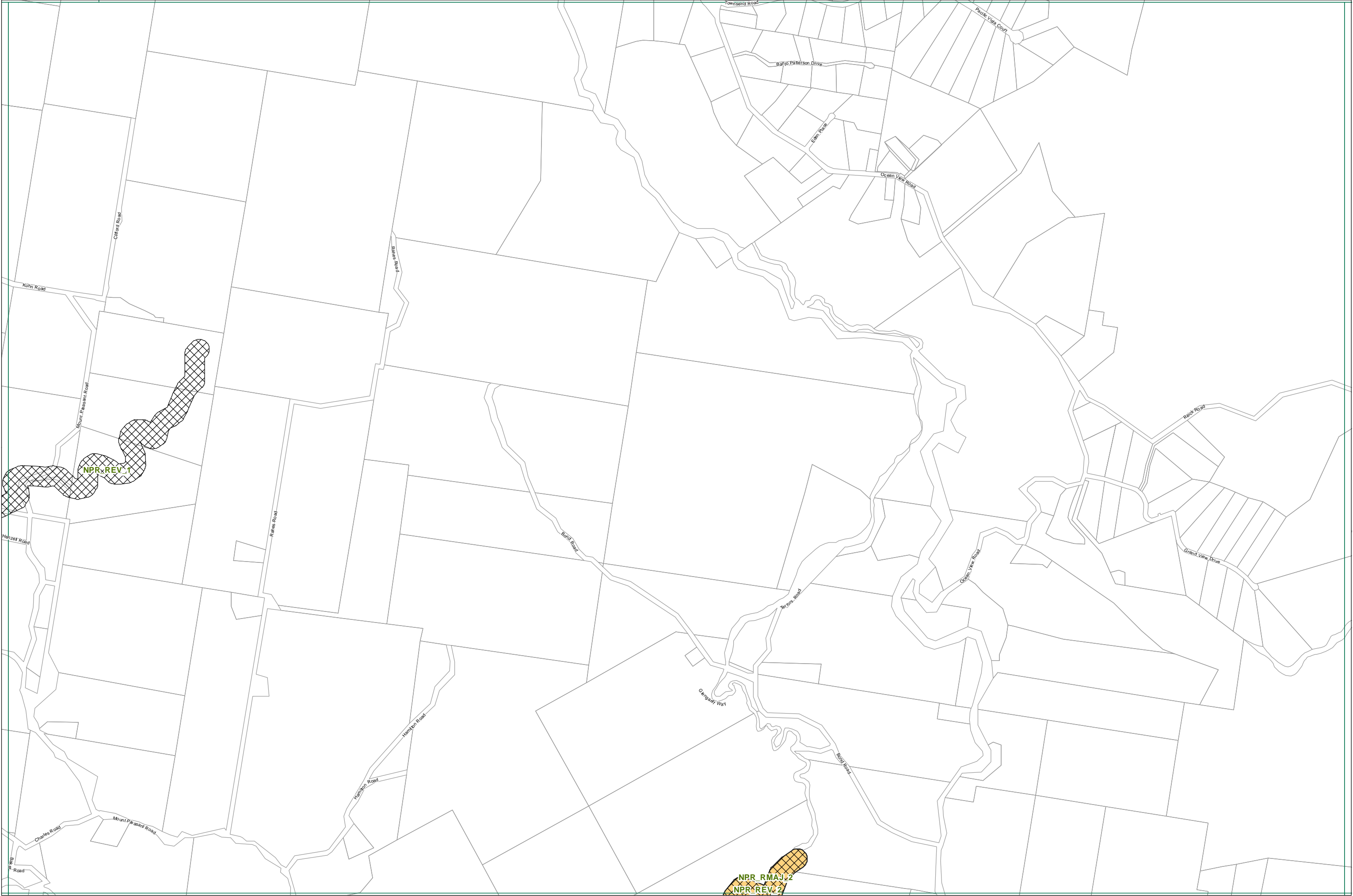
MORETON BAY REGIONAL COUNCIL

Pine Rivers District

STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 5.3





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N

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Bank Stabilisation

Bioretention Basin

Crossing Upgrade

Detention Basin

GPT

Sediment Trap

Sedimentation Basin

Swale

Trash Rack

Wetland

Open Channel Work

Pipe Drainage

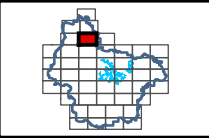
Rehabilitation

Revegetation

RCMA Major

RCMA Minor

Acquisition



|     |     |     |
|-----|-----|-----|
| 3.3 | 3.5 |     |
| 5.3 | 5.5 | 5.7 |
| 7.3 | 7.5 | 7.7 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 5.5





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N

Future Infrastructure

Bank Stabilisation

Detention Basin

Sedimentation Basin

Wetland

Open Channel Work

RCMA Major

Pipe Drainage

RCMA Minor

Bioretention Basin

GPT

Swale

Rehabilitation

Acquisition

Crossing Upgrade

Sediment Trap

Trash Rack

Revegetation



|     |     |     |
|-----|-----|-----|
|     | 5.3 | 5.5 |
| 7.1 | 7.3 | 7.5 |
| 9.1 | 9.3 | 9.5 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL

Pine Rivers District

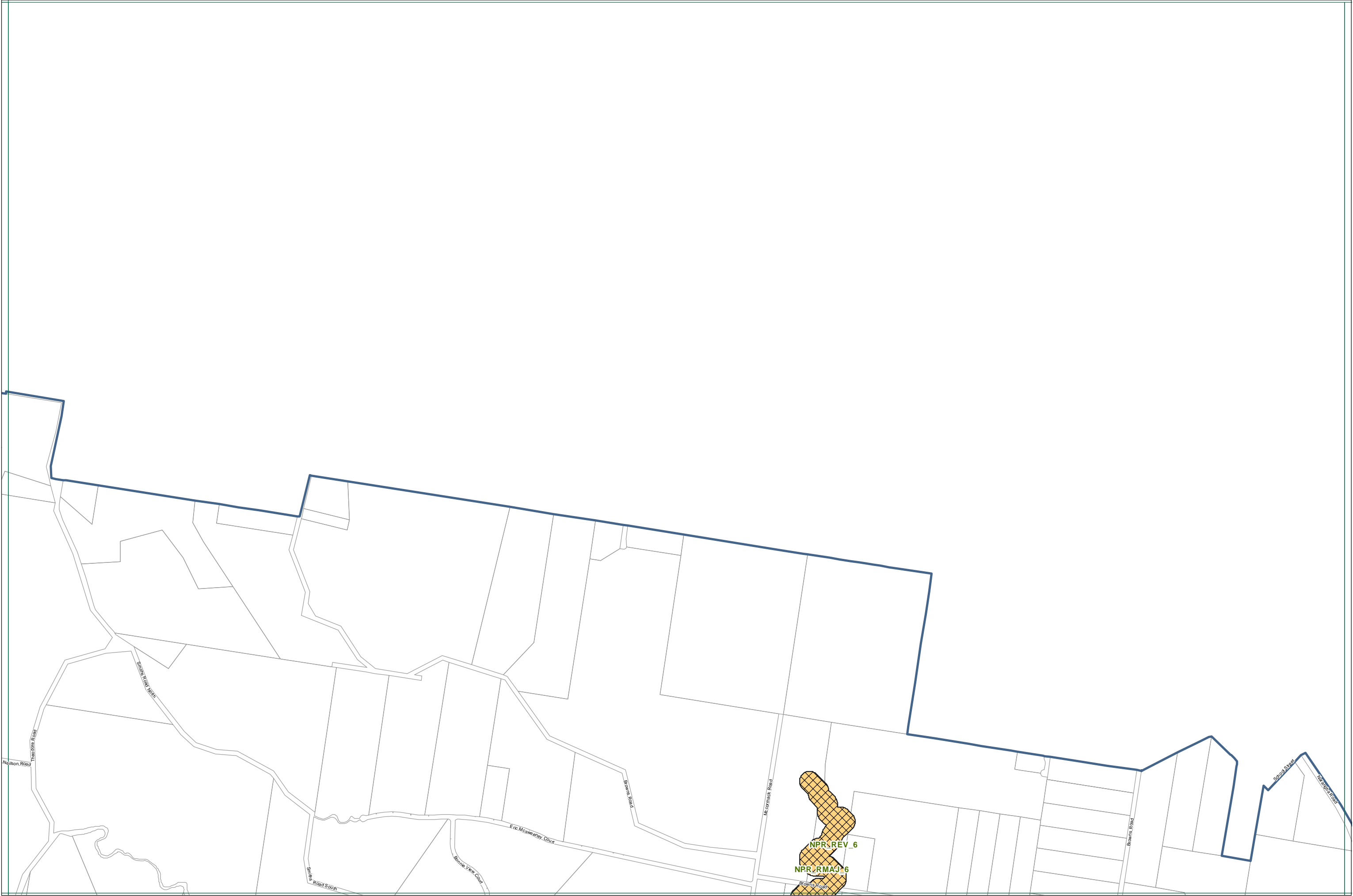
STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 7.3









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N

Future Infrastructure

Bank Stabilisation

Detention Basin

Bioretention Basin

Crossing Upgrade

Sedimentation Basin

GPT

Sediment Trap

Swale

Trash Rack

Open Channel Work

Pipe Drainage

Rehabilitation

Revegetation

RCMA Major

RCMA Minor

Acquisition

|     |     |      |
|-----|-----|------|
| 5.7 |     |      |
| 7.7 | 7.9 | 7.11 |
| 9.7 | 9.9 | 9.11 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER

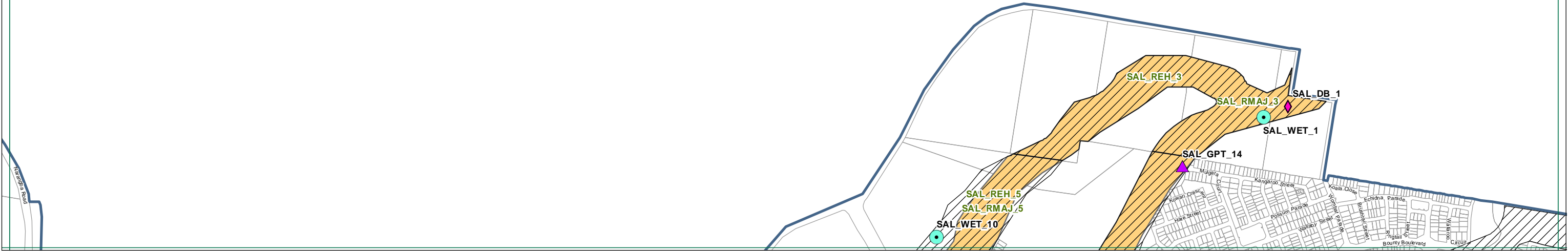
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 7.9





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N

**Future Infrastructure**

|                    |                 |                     |               |                   |            |
|--------------------|-----------------|---------------------|---------------|-------------------|------------|
| Bank Stabilisation | Detention Basin | Sedimentation Basin | Wetland       | Open Channel Work | RCMA Major |
| Bioretention Basin | GPT             | Swale               | Pipe Drainage | Rehabilitation    | RCMA Minor |
| Crossing Upgrade   | Sediment Trap   | Trash Rack          | Revegetation  | Acquisition       |            |



|     |      |      |
|-----|------|------|
| 7.9 | 7.11 | 7.13 |
| 9.9 | 9.11 | 9.13 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
**Pine Rivers District**  
**STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
**Map Number 7.11**





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N

Future Infrastructure

Bank Stabilisation

Detention Basin

Bioretention Basin

Crossing Upgrade

Sedimentation Basin

GPT

Swale

Sediment Trap

Wetland

Open Channel Work

Pipe Drainage

Rehabilitation

Revegetation

RCMA Major

RCMA Minor

Acquisition

Trash Rack

|      |      |
|------|------|
| 7.11 | 7.13 |
| 9.11 | 9.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE  
Map Number 7.13





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**Future Infrastructure**

- Bank Stabilisation
- Bioretention Basin
- Crossing Upgrade

- Detention Basin
- GPT
- Sediment Trap

- Sedimentation Basin
- Swale
- Trash Rack

- Wetland
- Pipe Drainage
- Rehabilitation
- Revegetation

- Open Channel Work
- RCMA Major
- RCMA Minor
- Acquisition



|      |      |      |
|------|------|------|
| 7.3  | 7.5  | 7.7  |
| 9.3  | 9.5  | 9.7  |
| 11.3 | 11.5 | 11.7 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
**Pine Rivers District**  
**STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
**Map Number 9.5**









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Bank Stabilisation

Bioretention Basin

Crossing Upgrade

Detention Basin

GPT

Sediment Trap

Sedimentation Basin

Swale

Trash Rack

Wetland

Pipe Drainage

Rehabilitation

Revegetation

Open Channel Work

RCMA Major

RCMA Minor

Acquisition

|      |      |       |
|------|------|-------|
| 7.7  | 7.9  | 7.11  |
| 9.7  | 9.9  | 9.11  |
| 11.7 | 11.9 | 11.11 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER

Adopted Infrastructure Charges Resolution

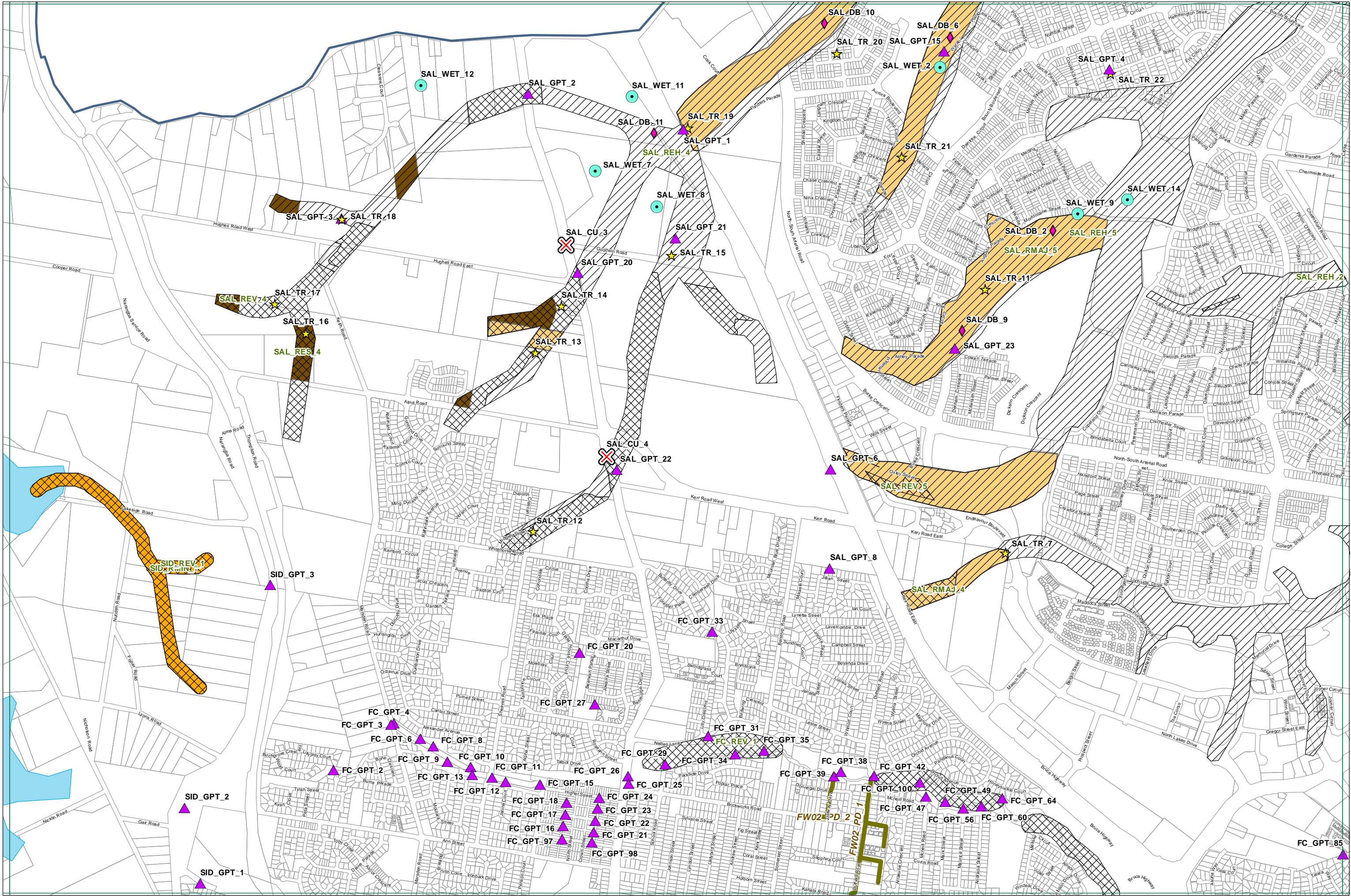
MORETON BAY REGIONAL COUNCIL

Pine Rivers District

STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 9.9





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Bank Stabilisation

Bioretention Basin

Crossing Upgrade

Detention Basin

GPT

Sediment Trap

Sedimentation Basin

Swale

Trash Rack

Wetland

Open Channel Work

Pipe Drainage

Rehabilitation

Revegetation

RCMA Major

RCMA Minor

Acquisition

|      |       |       |
|------|-------|-------|
| 7.9  | 7.11  | 7.13  |
| 9.9  | 9.11  | 9.13  |
| 11.9 | 11.11 | 11.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL Pine Rivers District

STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 9.11









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N

↑

Future Infrastructure

Bank Stabilisation

Bioretention Basin

Crossing Upgrade

Detention Basin

GPT

Sediment Trap

Sedimentation Basin

Swale

Trash Rack

Wetland

Open Channel Work

Pipe Drainage

Rehabilitation

Revegetation

RCMA Major

RCMA Minor

Acquisition

|      |      |      |
|------|------|------|
| 9.3  | 9.5  | 9.7  |
| 11.3 | 11.5 | 11.7 |
| 13.3 | 13.5 | 13.7 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER

Adopted Infrastructure Charges Resolution

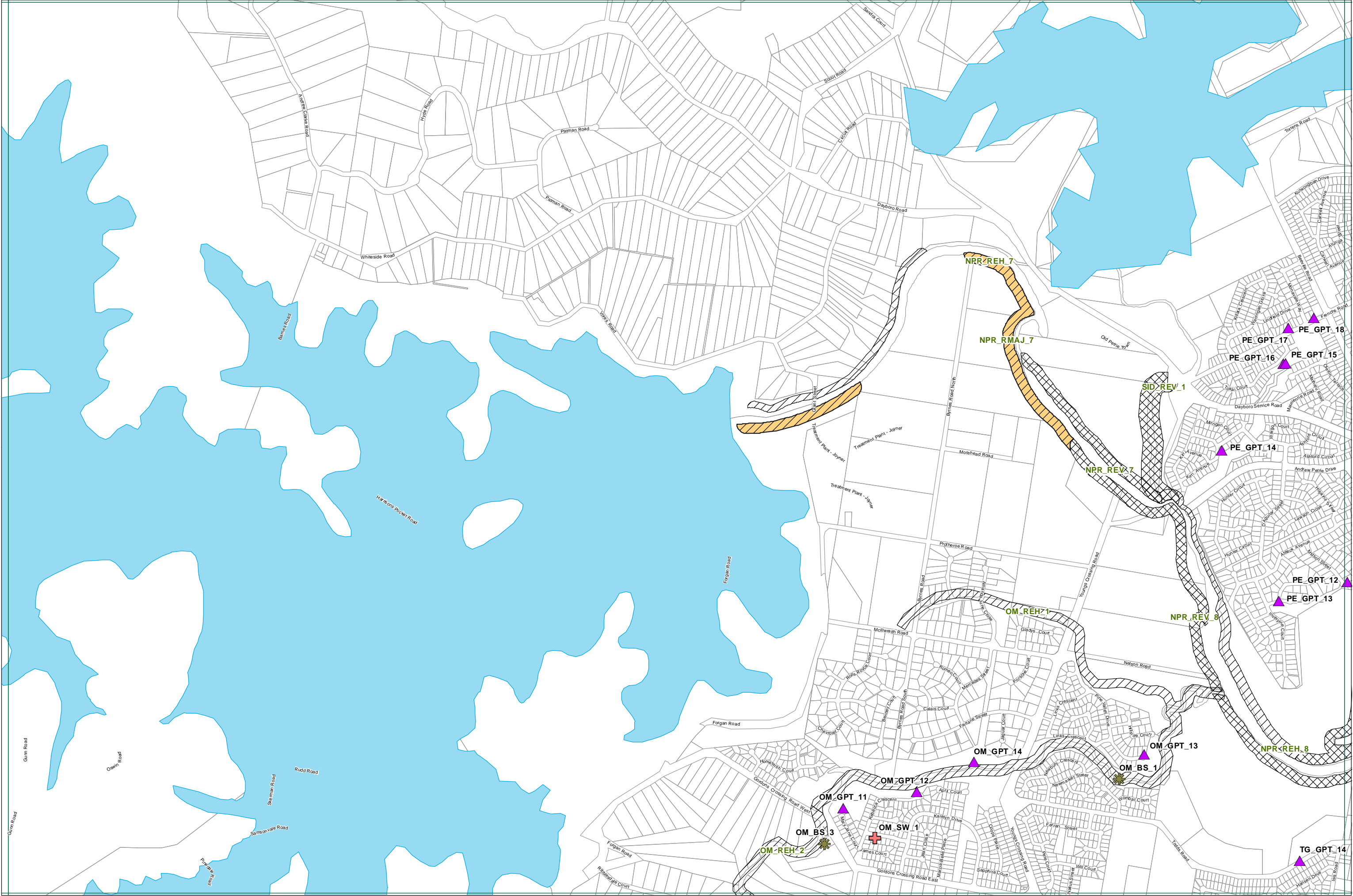
MORETON BAY REGIONAL COUNCIL

Pine Rivers District

STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 11.5





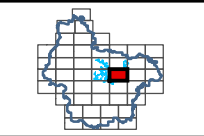
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**Future Infrastructure**

- Bank Stabilisation
- Bioretention Basin
- Crossing Upgrade
- Detention Basin
- GPT
- Sediment Trap
- Sedimentation Basin
- Swale
- Trash Rack
- Wetland
- Open Channel Work
- Pipe Drainage
- Rehabilitation
- Revegetation

- RCMA Major
- RCMA Minor
- Acquisition



|      |      |       |
|------|------|-------|
| 9.7  | 9.9  | 9.11  |
| 11.7 | 11.9 | 11.11 |
| 13.7 | 13.9 | 13.11 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER**

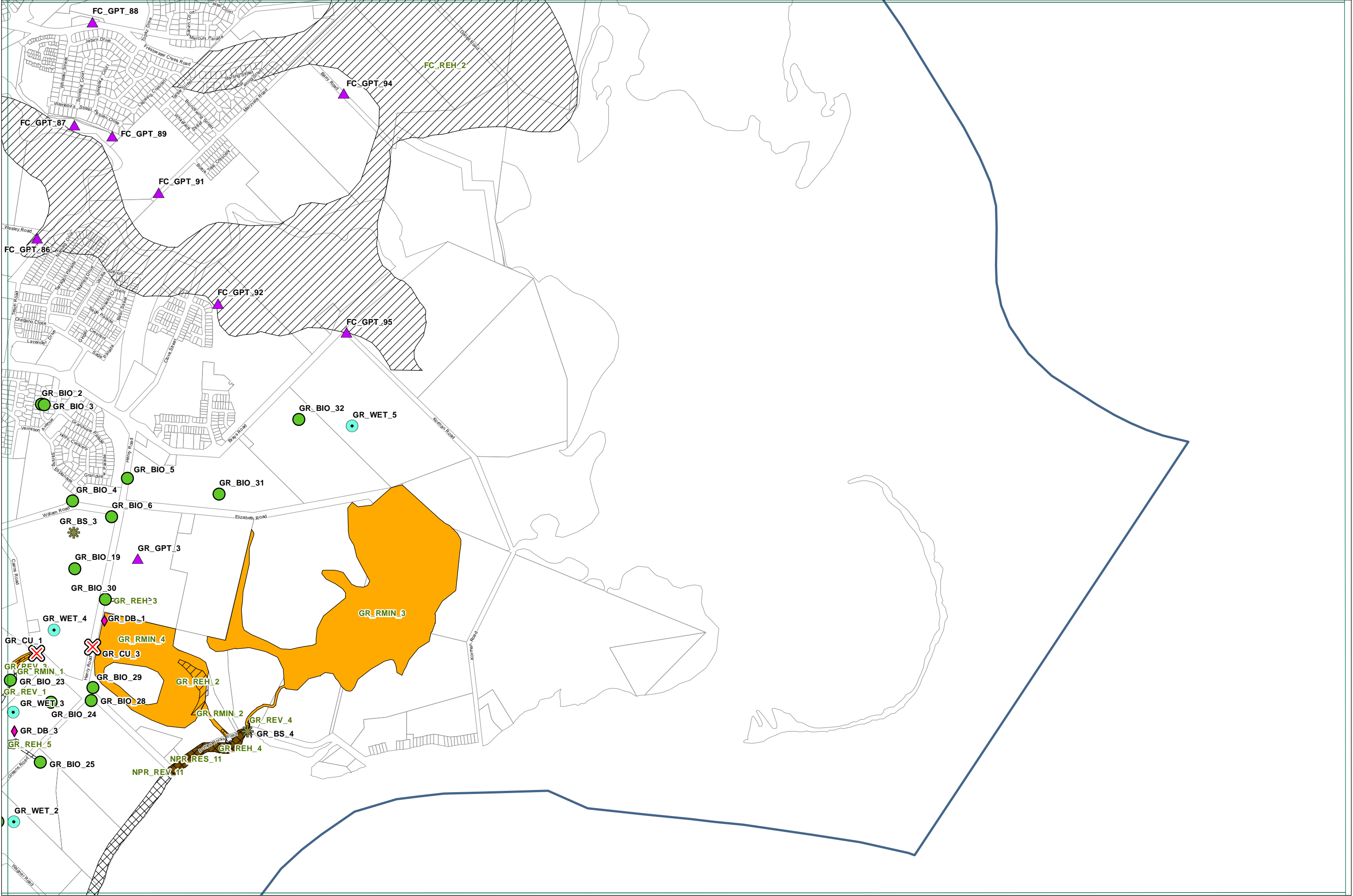
*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 11.9









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Future Infrastructure

Bank Stabilisation

Bioretention Basin

Crossing Upgrade

Detention Basin

Sediment Trap

Sedimentation Basin

Swale

Trash Rack

Wetland

Open Channel Work

Pipe Drainage

Rehabilitation

Revegetation

RCMA Major

RCMA Minor

Acquisition

|       |       |
|-------|-------|
| 9.11  | 9.13  |
| 11.11 | 11.13 |
| 13.11 | 13.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 11.13

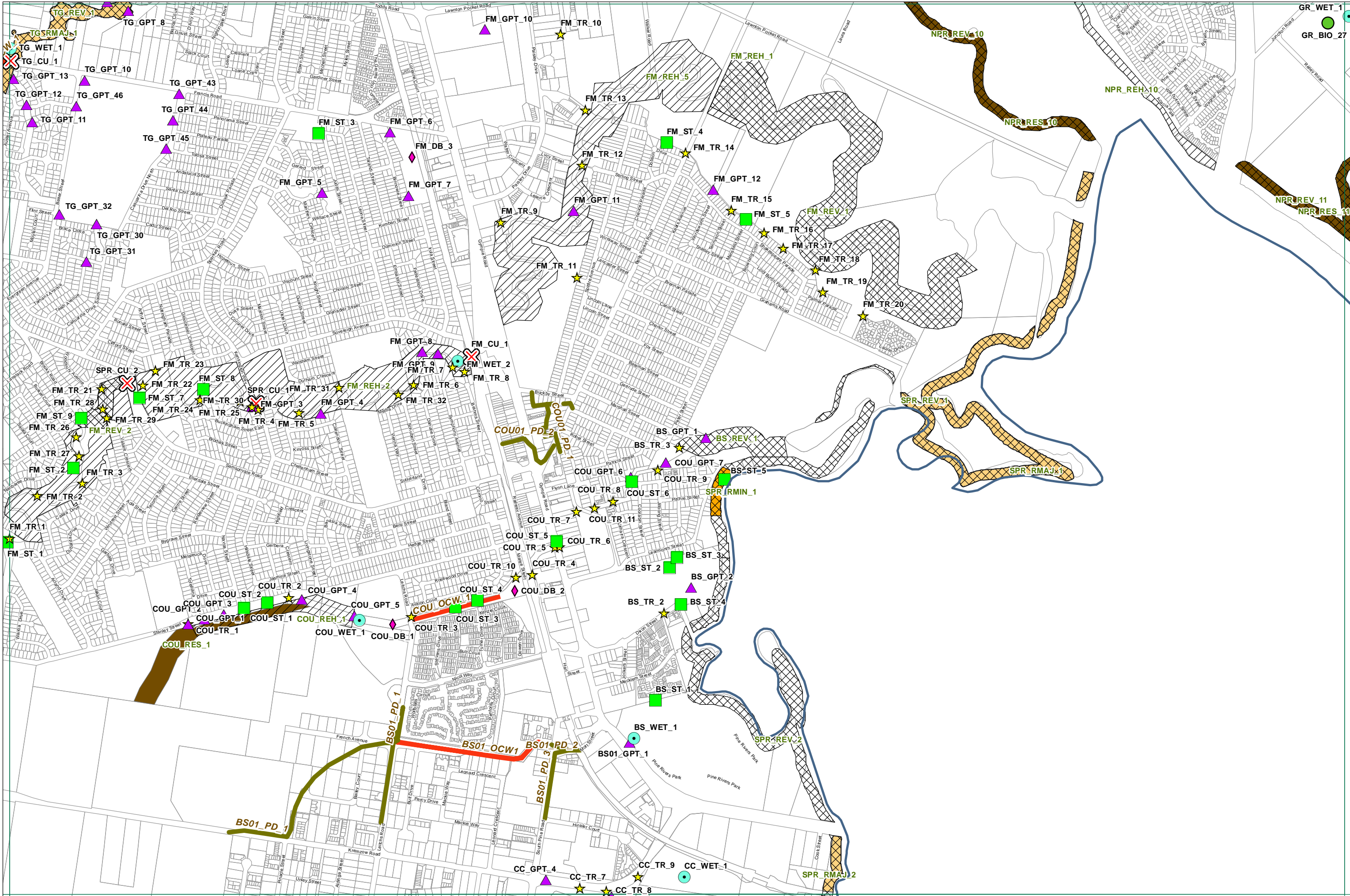










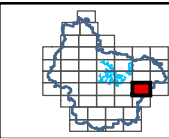


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**Future Infrastructure**

|                    |                 |                     |              |                   |            |
|--------------------|-----------------|---------------------|--------------|-------------------|------------|
| Bank Stabilisation | Detention Basin | Sedimentation Basin | Wetland      | Open Channel Work | RCMA Major |
| Bioretention Basin | GPT             | Swale               | Trash Rack   | Pipe Drainage     | RCMA Minor |
| Crossing Upgrade   | Sediment Trap   | Rehabilitation      | Revegetation | Acquisition       |            |



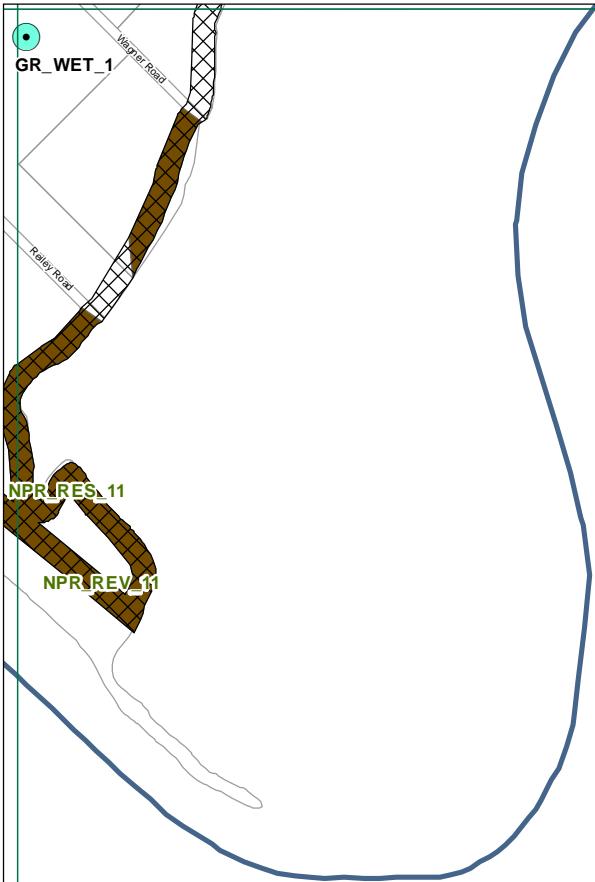
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|------|-------|-------|
| 11.9 | 11.11 | 11.13 |
| 13.9 | 13.11 | 13.13 |
| 15.9 | 15.11 |       |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 13.11





|       |       |
|-------|-------|
| 11.11 | 11.13 |
| 13.11 | 13.13 |
| 15.11 |       |





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**Future Infrastructure**

Bank Stabilisation

Detention Basin

Sedimentation Basin

Wetland

Open Channel Work

RCMA Major

Pipe Drainage

RCMA Minor

Acquisition

Bioretention Basin

GPT

Swale

Rehabilitation

Revegetation

Crossing Upgrade

Sediment Trap

Trash Rack



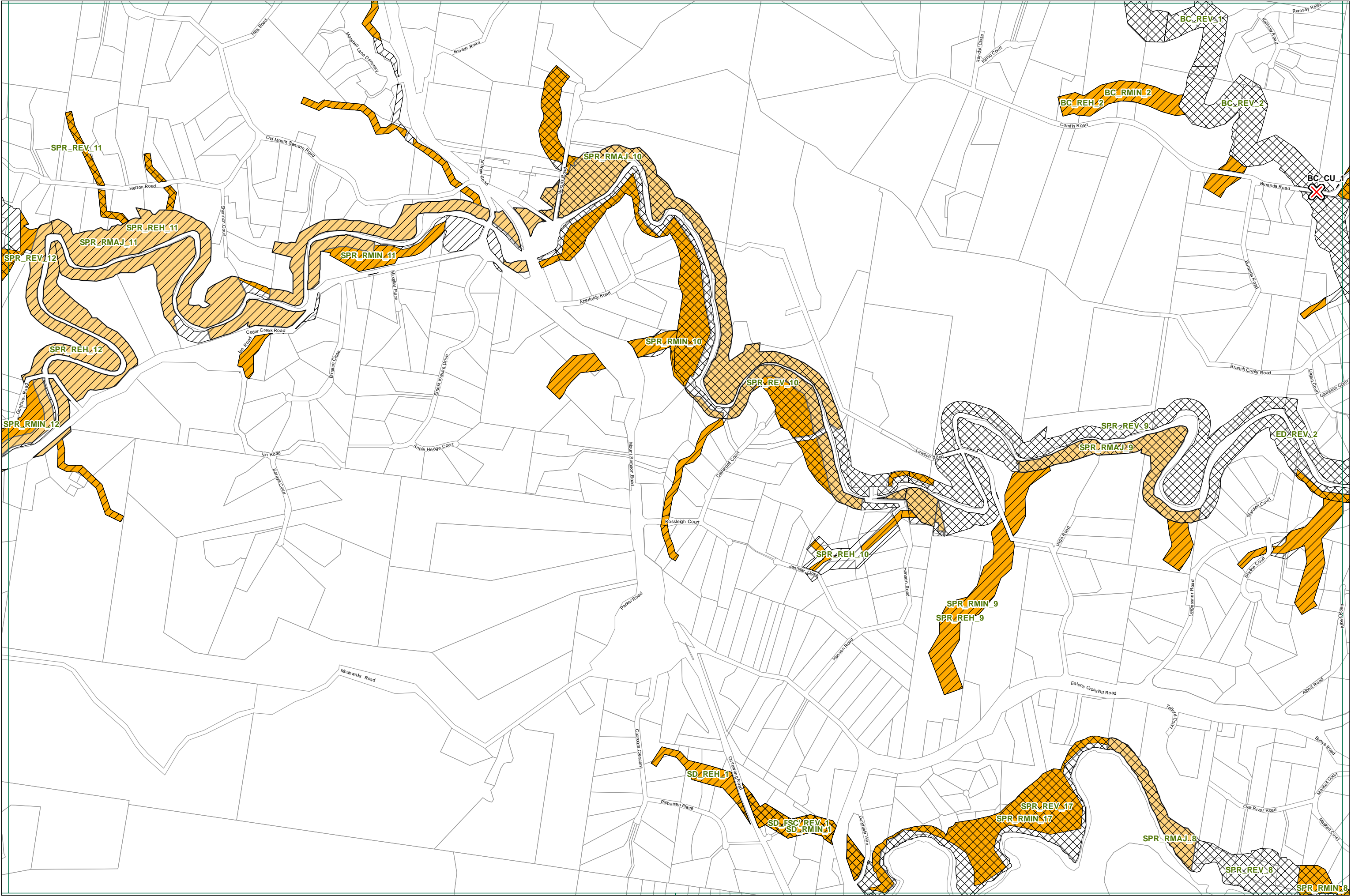
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|------|------|------|
| 13.3 | 13.5 | 13.7 |
| 15.3 | 15.5 | 15.7 |
| 17.4 | 17.6 |      |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
**Pine Rivers District**  
**STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
**Map Number 15.5**





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**Future Infrastructure**

- Bank Stabilisation
- Bioretention Basin
- Crossing Upgrade
- Detention Basin
- GPT
- Sediment Trap
- Sedimentation Basin
- Swale
- Trash Rack
- Wetland
- Open Channel Work
- Pipe Drainage
- Rehabilitation
- Revegetation
- RCMA Major
- RCMA Minor
- Acquisition



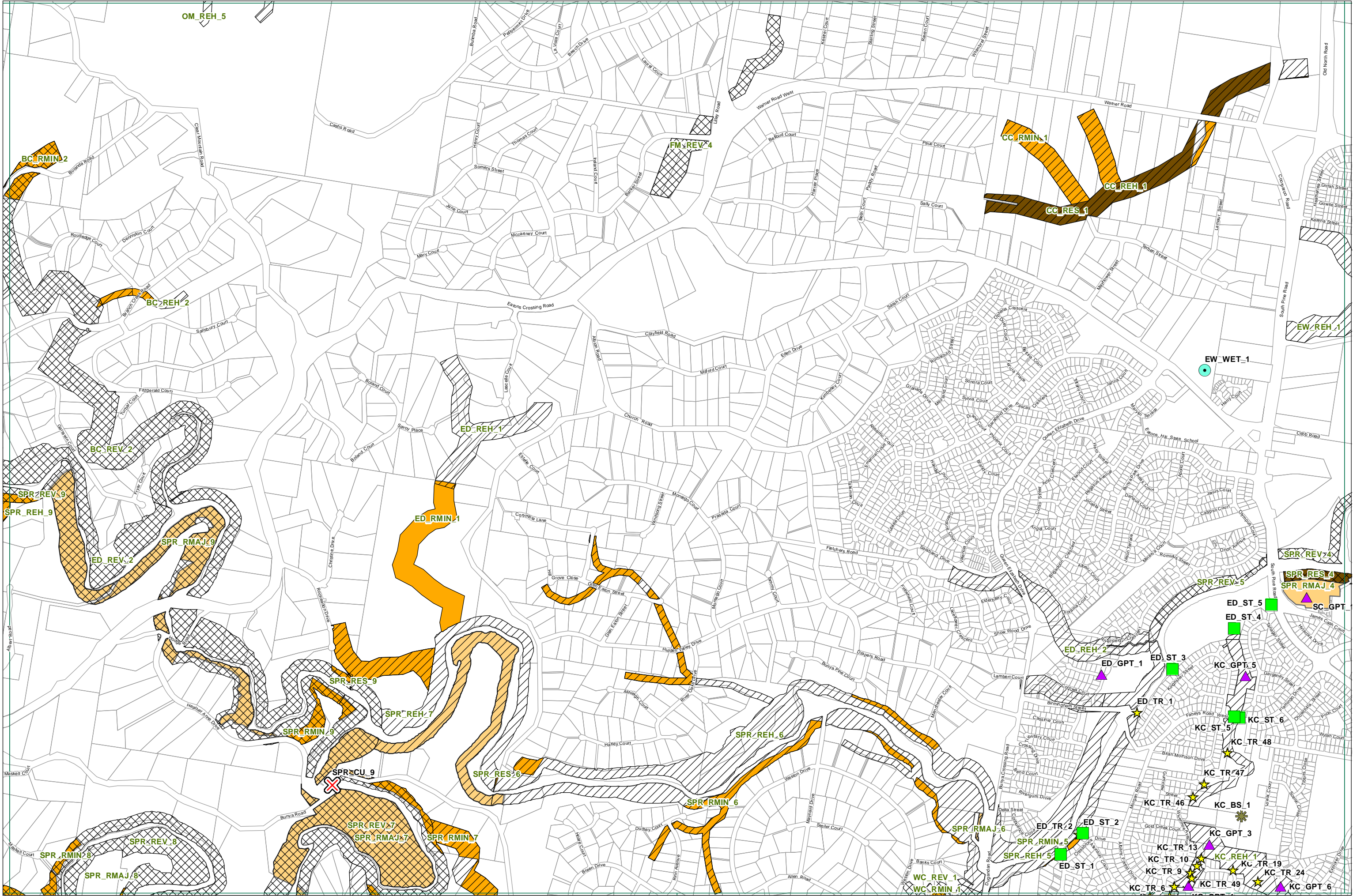
|      |      |      |
|------|------|------|
| 13.5 | 13.7 | 13.9 |
| 15.5 | 15.7 | 15.9 |
| 17.6 | 17.8 |      |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
**Pine Rivers District**  
**STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
**Map Number 15.7**





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**Future Infrastructure**

- Bank Stabilisation
- Detention Basin
- Sedimentation Basin
- Wetland
- Open Channel Work
- Pipe Drainage
- Rehabilitation
- Revegetation
- Crossing Upgrade
- RCMA Major
- RCMA Minor
- Acquisition

**Other Features**

- Bioretention Basin
- GPT
- Swale
- Trash Rack
- Sediment Trap

|      |       |       |
|------|-------|-------|
| 13.7 | 13.9  | 13.11 |
| 15.7 | 15.9  | 15.11 |
| 17.8 | 17.10 |       |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER**

Adopted Infrastructure Charges Resolution

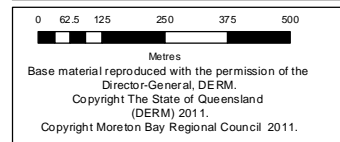
**MORETON BAY REGIONAL COUNCIL**

Pine Rivers District

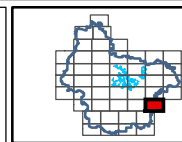
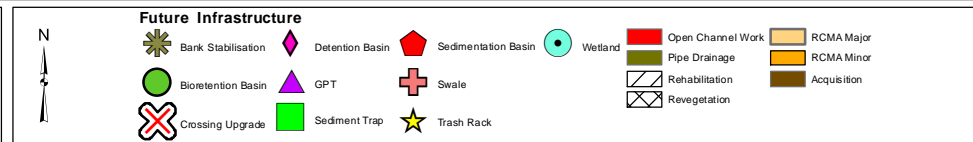
**STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE**

Map Number 15.9





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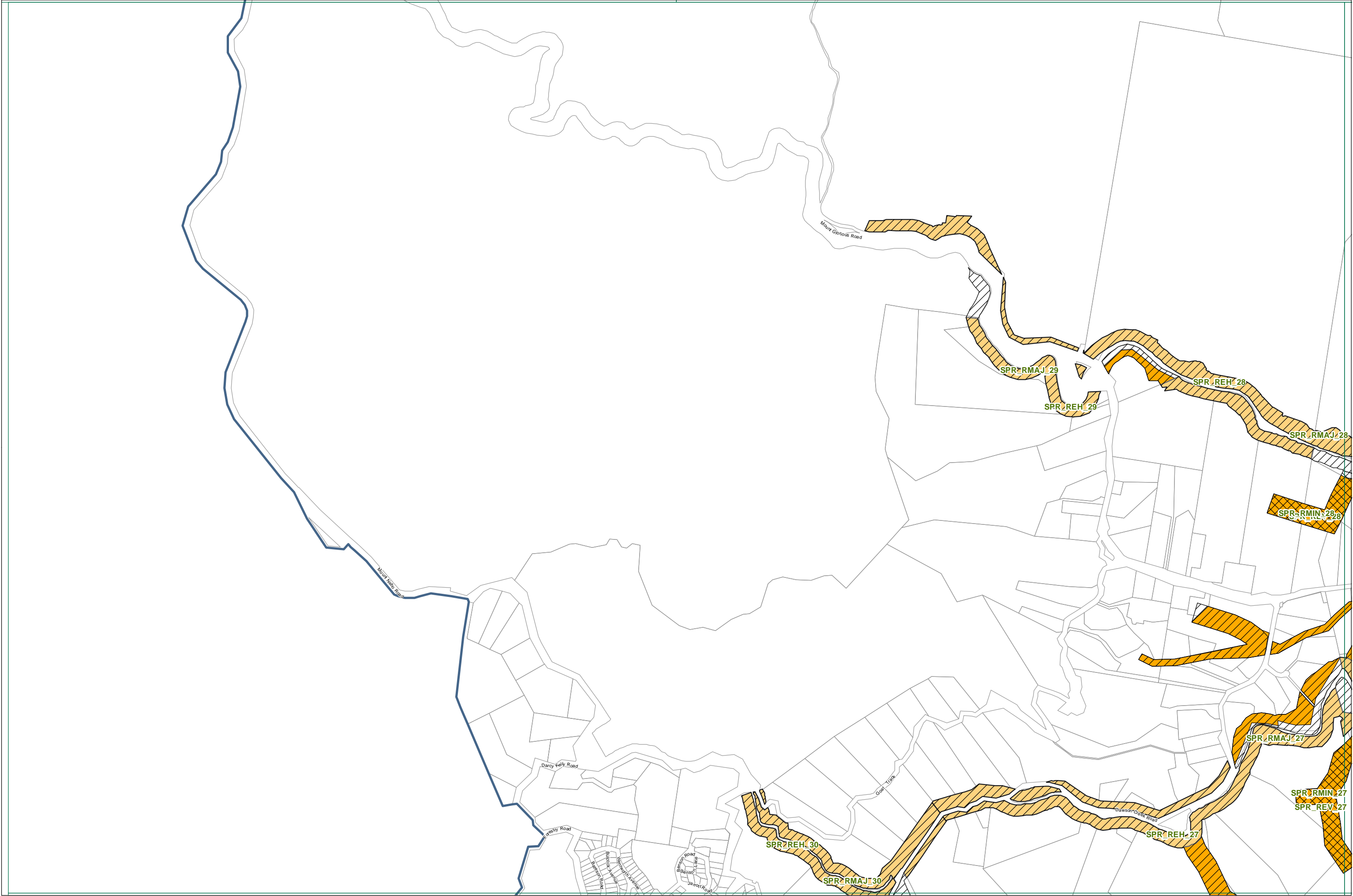
|      |       |       |
|------|-------|-------|
| 13.9 | 13.11 | 13.13 |
| 15.9 | 15.11 |       |
|      | 17.10 |       |

**DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
STORMWATER**

*Adopted Infrastructure  
Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
**Pine Rivers District**  
**STORMWATER NETWORK PLAN**  
**FOR TRUNK INFRASTRUCTURE**  
**Map Number 15.11**





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**Future Infrastructure**

Bank Stabilisation

Detention Basin

Sedimentation Basin

Wetland

Open Channel Work

RCMA Major

Pipe Drainage

RCMA Minor

Rehabilitation

Acquisition

Revegetation

Bioretention Basin

GPT

Swale

Trash Rack

Crossing Upgrade

Sediment Trap



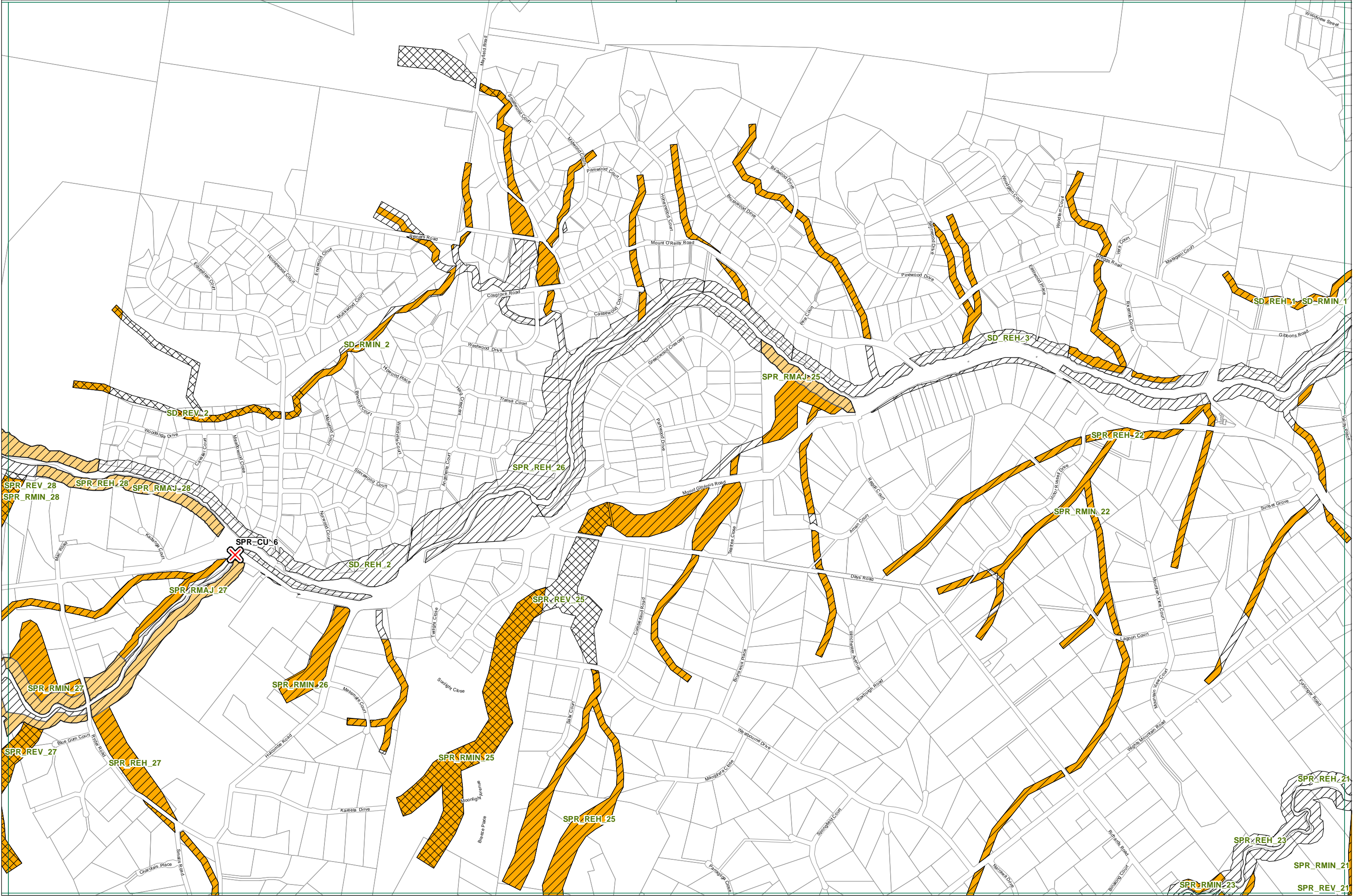
|      |      |
|------|------|
| 15.3 | 15.5 |
| 17.4 | 17.6 |
| 19.4 | 19.6 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER**

*Adopted Infrastructure Charges Resolution*

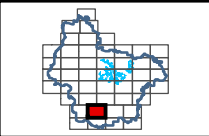
**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 17.4





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|      |      |
|------|------|
| 15.5 | 15.7 |
| 17.4 | 17.6 |
| 19.4 | 19.6 |

DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
STORMWATER

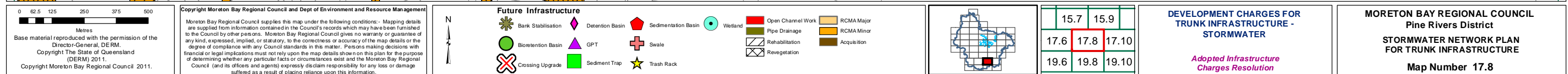
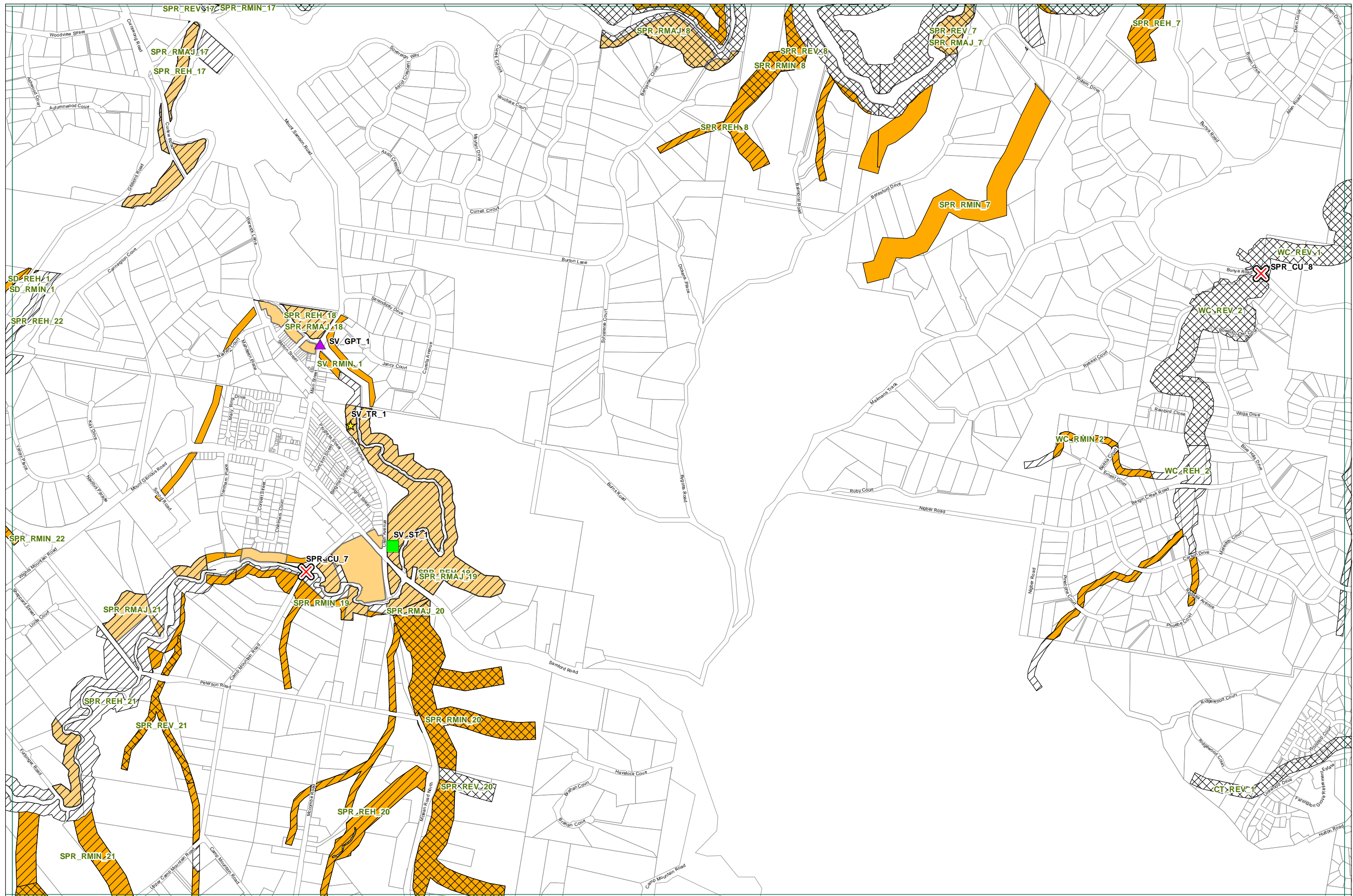
Adopted Infrastructure  
Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

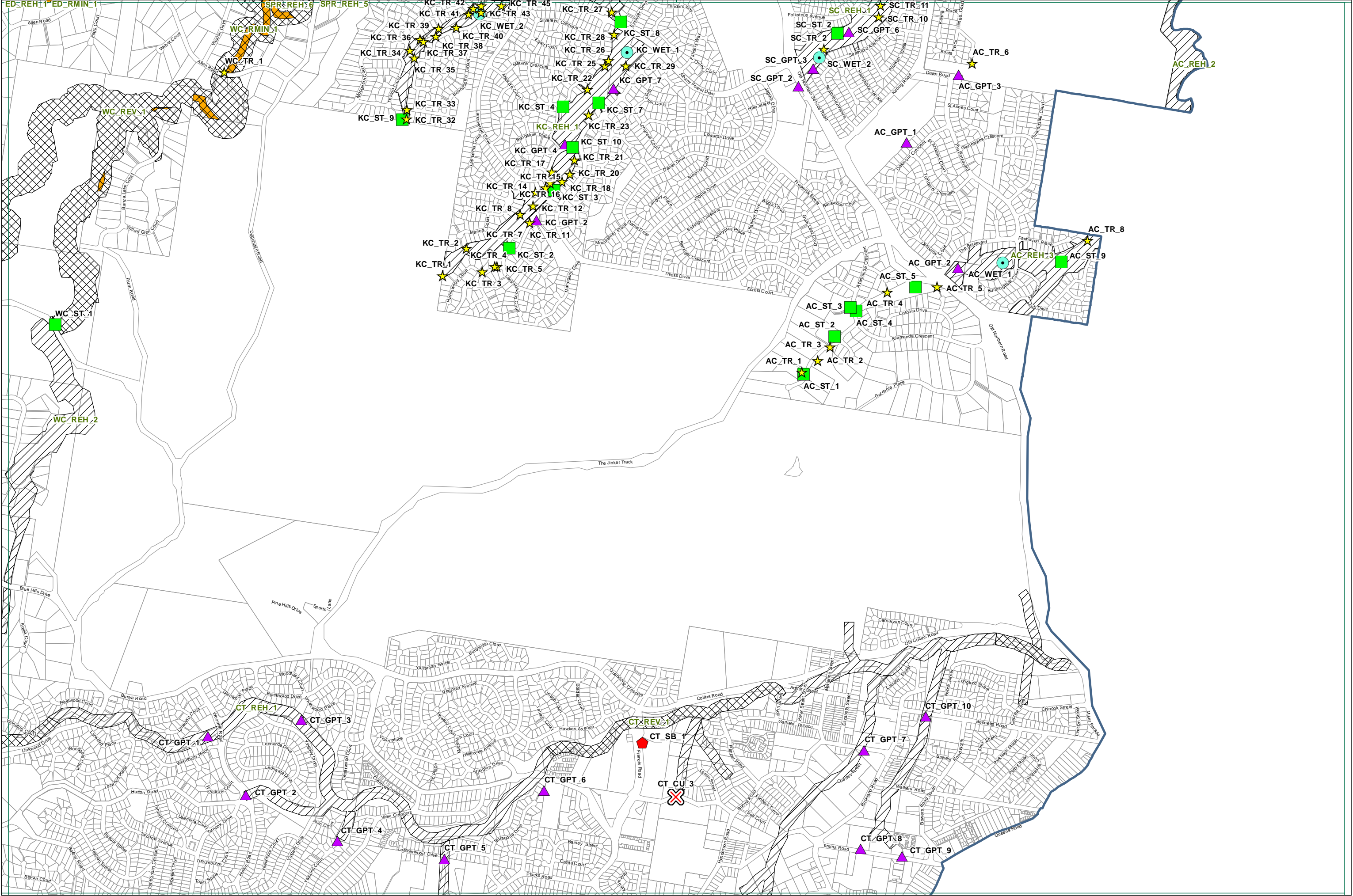
STORMWATER NETWORK PLAN  
FOR TRUNK INFRASTRUCTURE

Map Number 17.6









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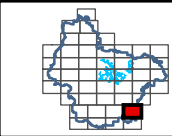
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**Future Infrastructure**

- Bank Stabilisation
- Bioretention Basin
- Crossing Upgrade
- Detention Basin
- GPT
- Sediment Trap
- Sedimentation Basin
- Swale
- Trash Rack
- Wetland
- Open Channel Work
- Pipe Drainage
- Rehabilitation
- Revegetation
- RCMA Major
- RCMA Minor
- Acquisition

**Legend**

- Bank Stabilisation
- Bioretention Basin
- Crossing Upgrade
- Detention Basin
- GPT
- Sediment Trap
- Sedimentation Basin
- Swale
- Trash Rack
- Wetland
- Open Channel Work
- Pipe Drainage
- Rehabilitation
- Revegetation
- RCMA Major
- RCMA Minor
- Acquisition



|      |       |
|------|-------|
| 15.9 | 15.11 |
| 17.8 | 17.10 |
| 19.8 | 19.10 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - STORMWATER**

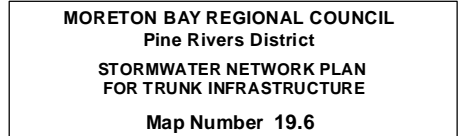
*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**STORMWATER NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 17.10





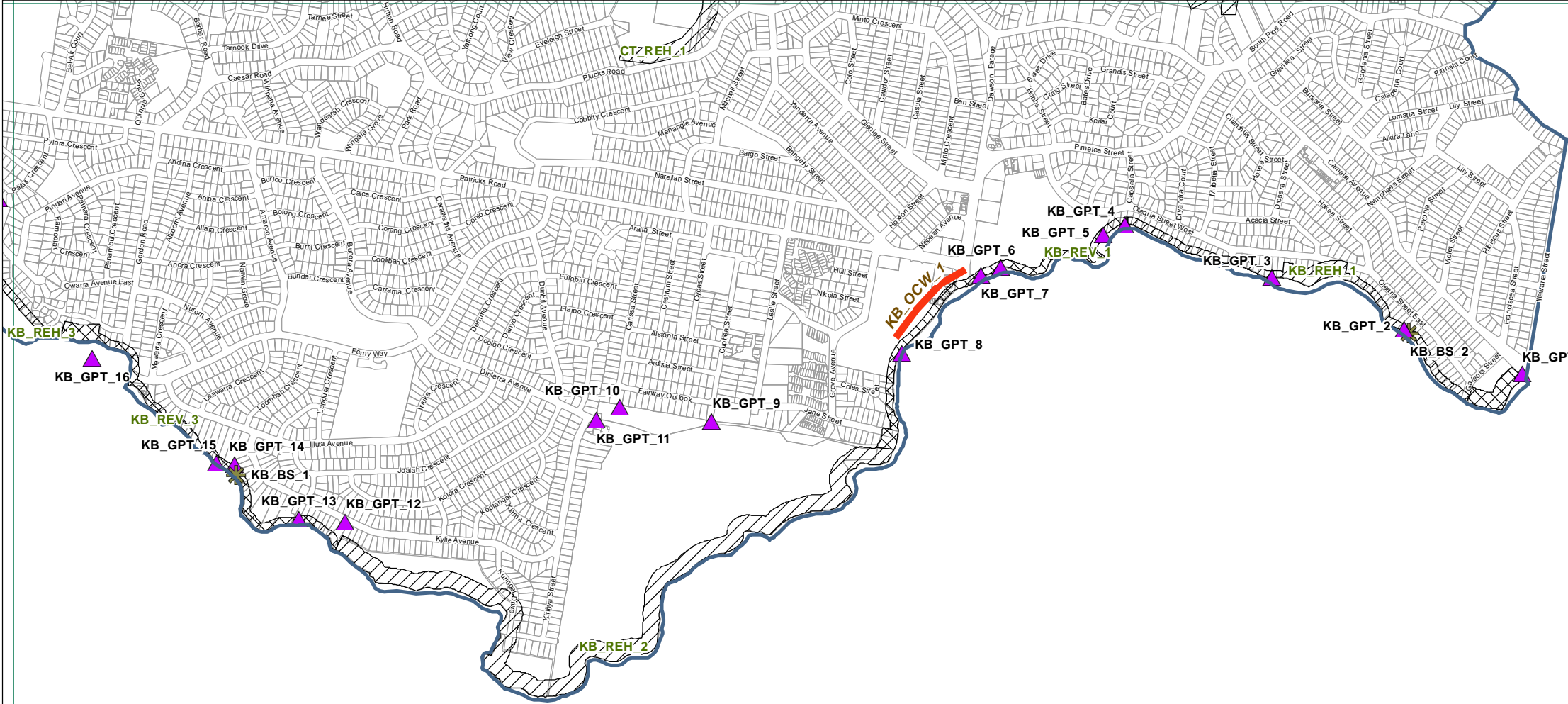






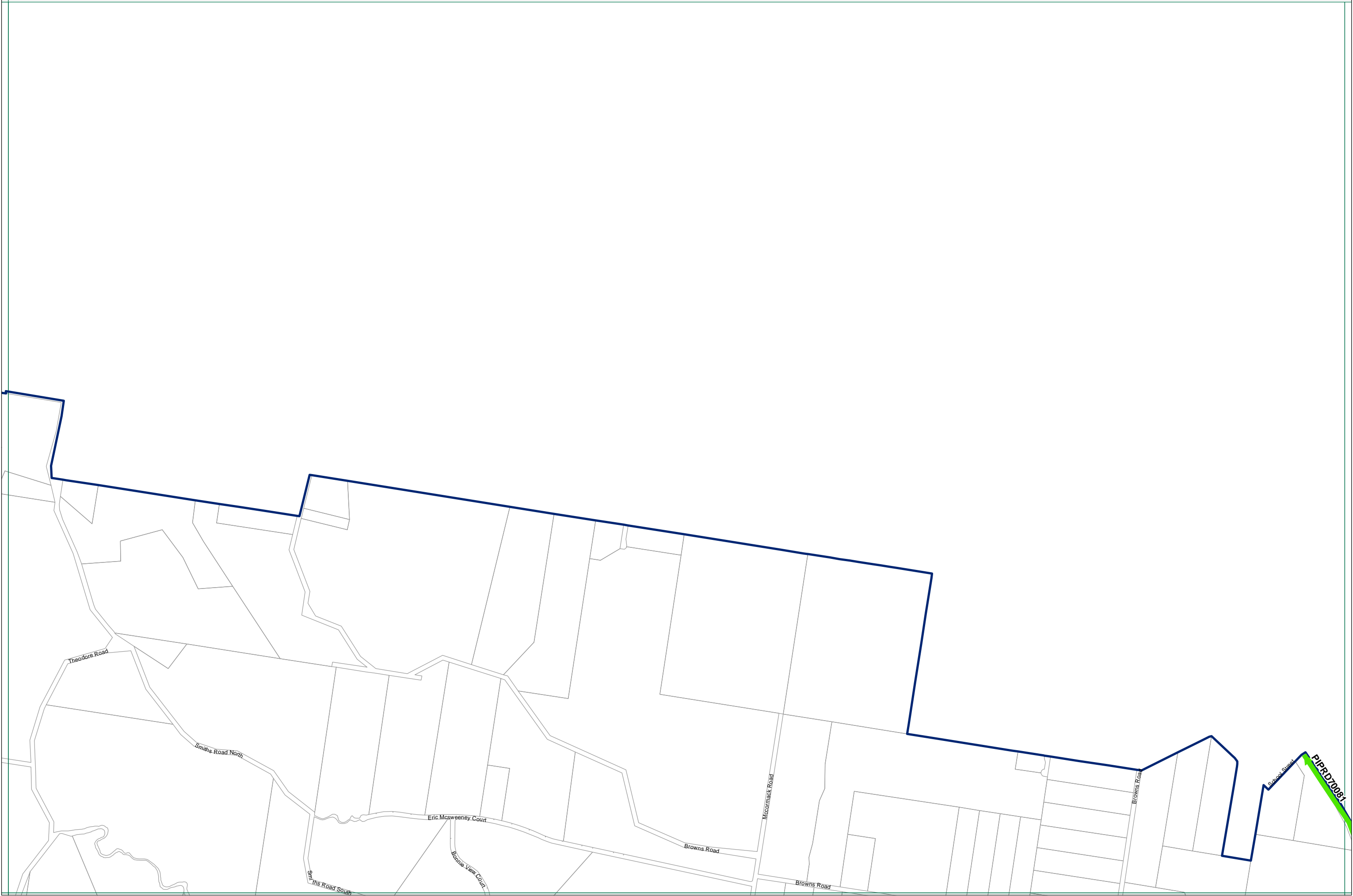






|      |       |
|------|-------|
| 17.8 | 17.10 |
| 19.8 | 19.10 |





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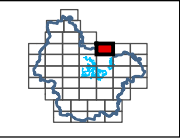
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N

Future Bikeways

District Boundary

PRSC



|     |     |      |
|-----|-----|------|
| 5.7 |     |      |
| 7.7 | 7.9 | 7.11 |
| 9.7 | 9.9 | 9.11 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - COUNCIL TRUNK ROADS

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
TRANSPORT NETWORK  
PLAN FOR TRUNK INFRASTRUCTURE  
Map Number 7.9





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N

Future Bikeways

District Boundary

PRSC



|     |      |      |
|-----|------|------|
| 7.9 | 7.11 | 7.13 |
| 9.9 | 9.11 | 9.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - COUNCIL TRUNK ROADS

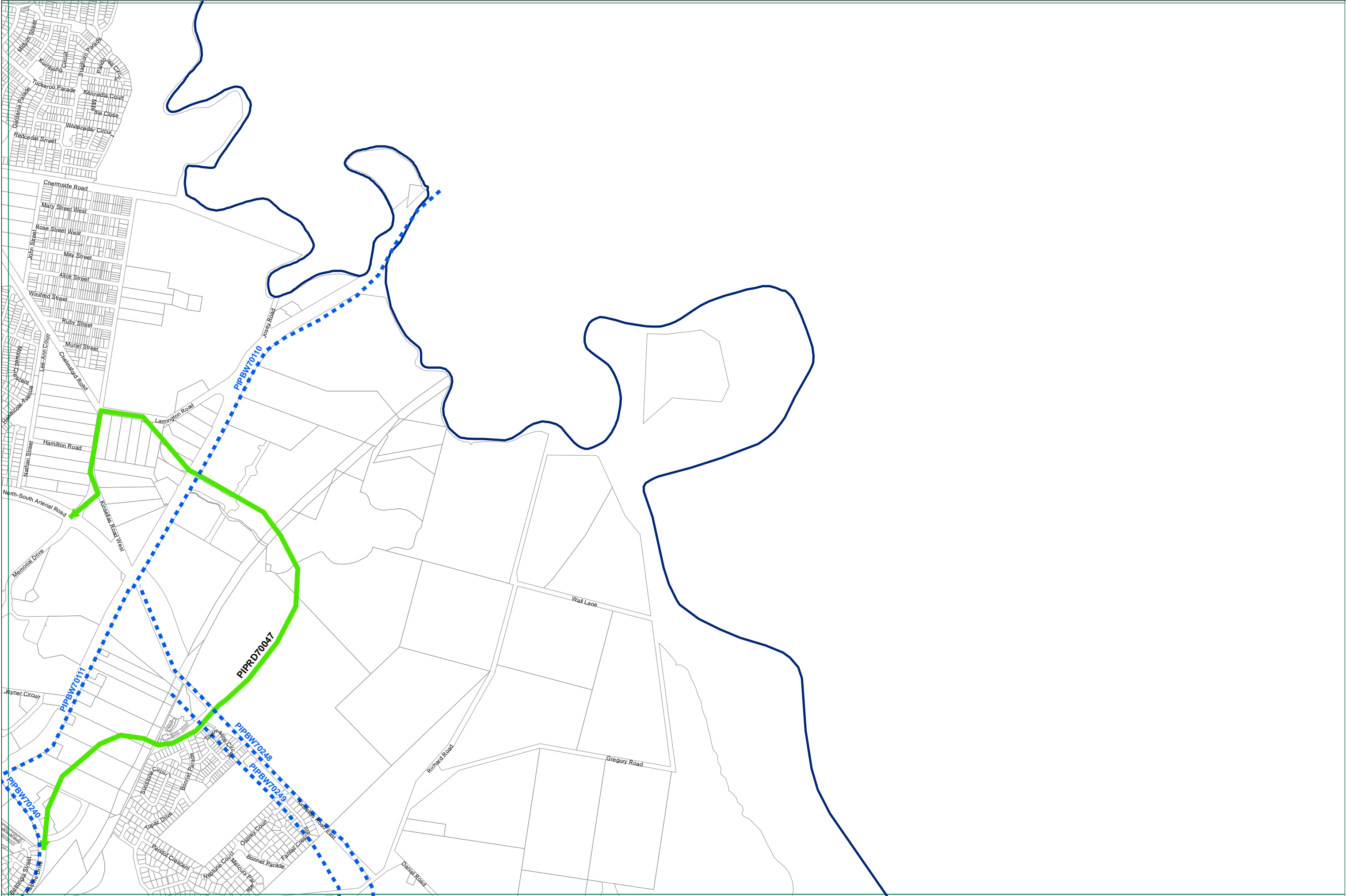
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
TRANSPORT NETWORK  
PLAN FOR TRUNK INFRASTRUCTURE  
Map Number 7.11







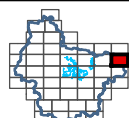


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Future Bikeways District Boundary  
PRSC

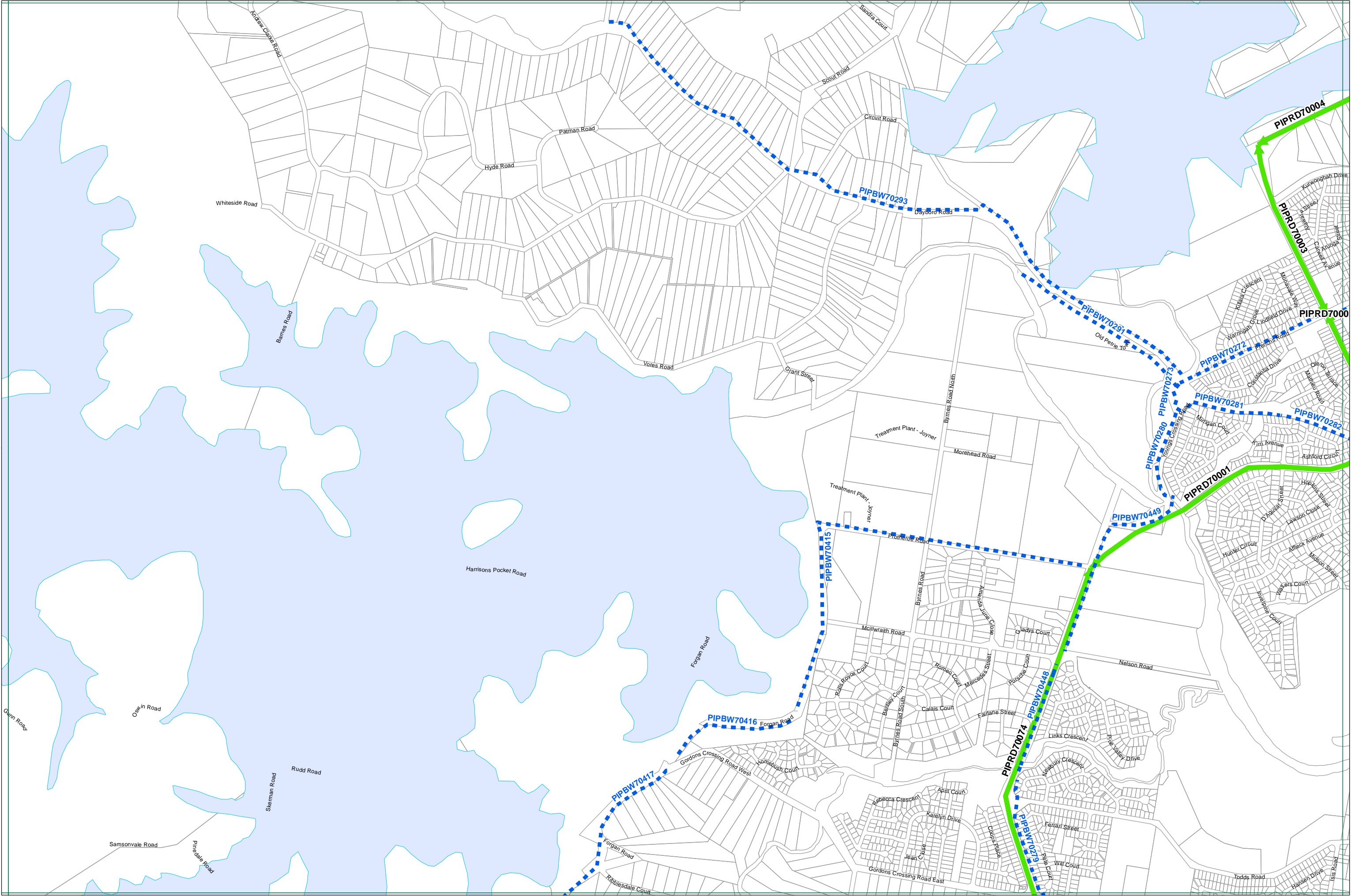


|       |       |
|-------|-------|
| 7.11  | 7.13  |
| 9.11  | 9.13  |
| 11.11 | 11.13 |

DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
COUNCIL TRUNK ROADS  
  
Adopted Infrastructure  
Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
TRANSPORT NETWORK  
PLAN FOR TRUNK INFRASTRUCTURE  
Map Number 9.13





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N

Future Bikeways

District Boundary

PRSC

|      |      |       |
|------|------|-------|
| 9.7  | 9.9  | 9.11  |
| 11.7 | 11.9 | 11.11 |
| 13.7 | 13.9 | 13.11 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - COUNCIL TRUNK ROADS

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL

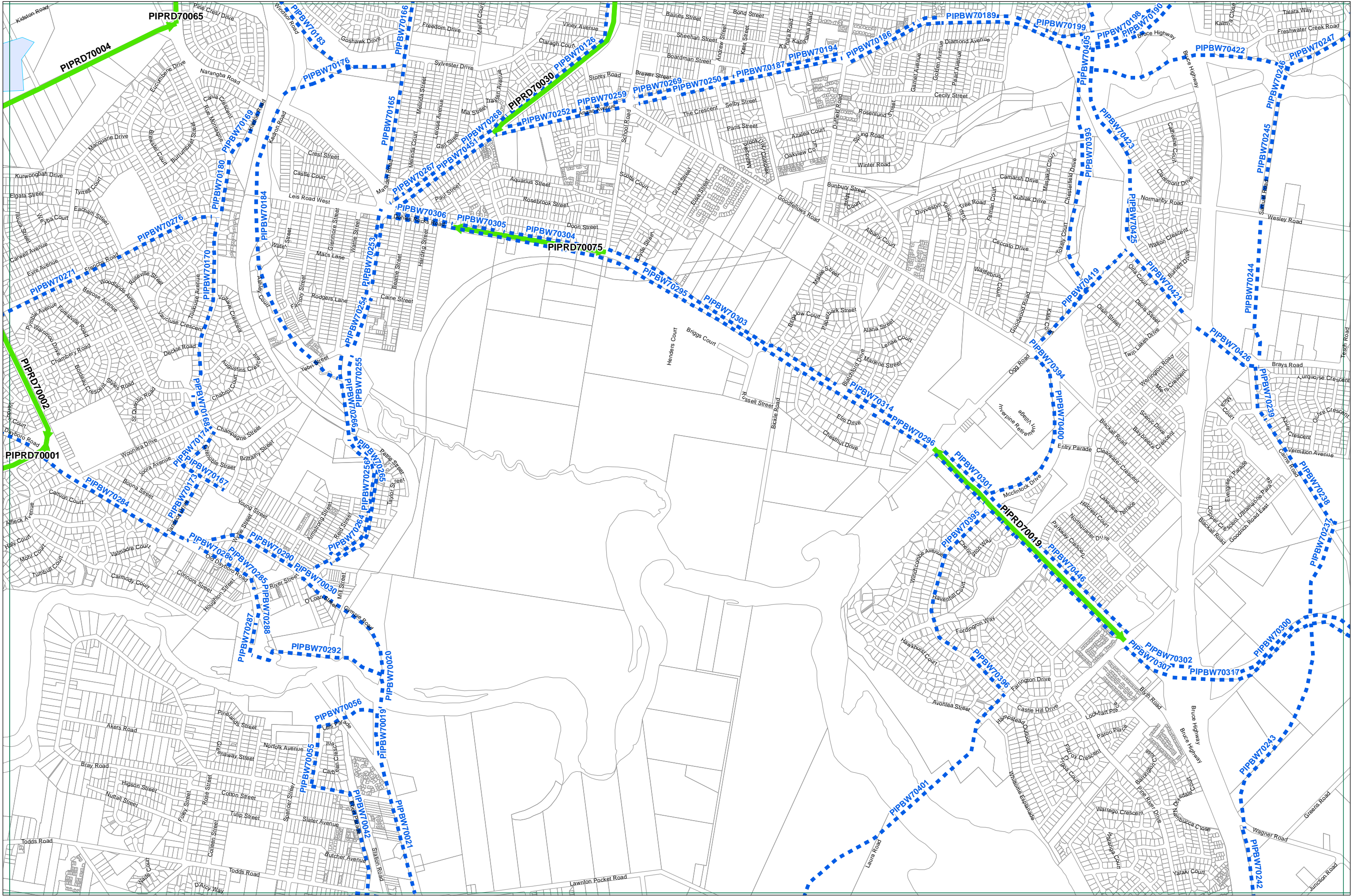
Pine Rivers District

TRANSPORT NETWORK

PLAN FOR TRUNK INFRASTRUCTURE

Map Number 11.9





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N

Future Bikeways

District Boundary

PRSC

|      |       |       |
|------|-------|-------|
| 9.9  | 9.11  | 9.13  |
| 11.9 | 11.11 | 11.13 |
| 13.9 | 13.11 | 13.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - COUNCIL TRUNK ROADS

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

TRANSPORT NETWORK  
PLAN FOR TRUNK INFRASTRUCTURE

Map Number 11.11





















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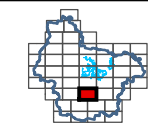
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N

Future Bikeways

District Boundary

PRSC



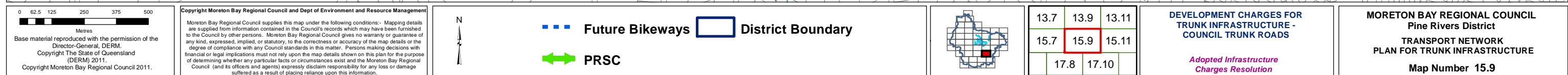
|      |      |      |
|------|------|------|
| 13.5 | 13.7 | 13.9 |
| 15.5 | 15.7 | 15.9 |
| 17.6 | 17.8 |      |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - COUNCIL TRUNK ROADS

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
TRANSPORT NETWORK  
PLAN FOR TRUNK INFRASTRUCTURE  
Map Number 15.7













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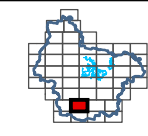
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N

Future Bikeways

District Boundary

PRSC



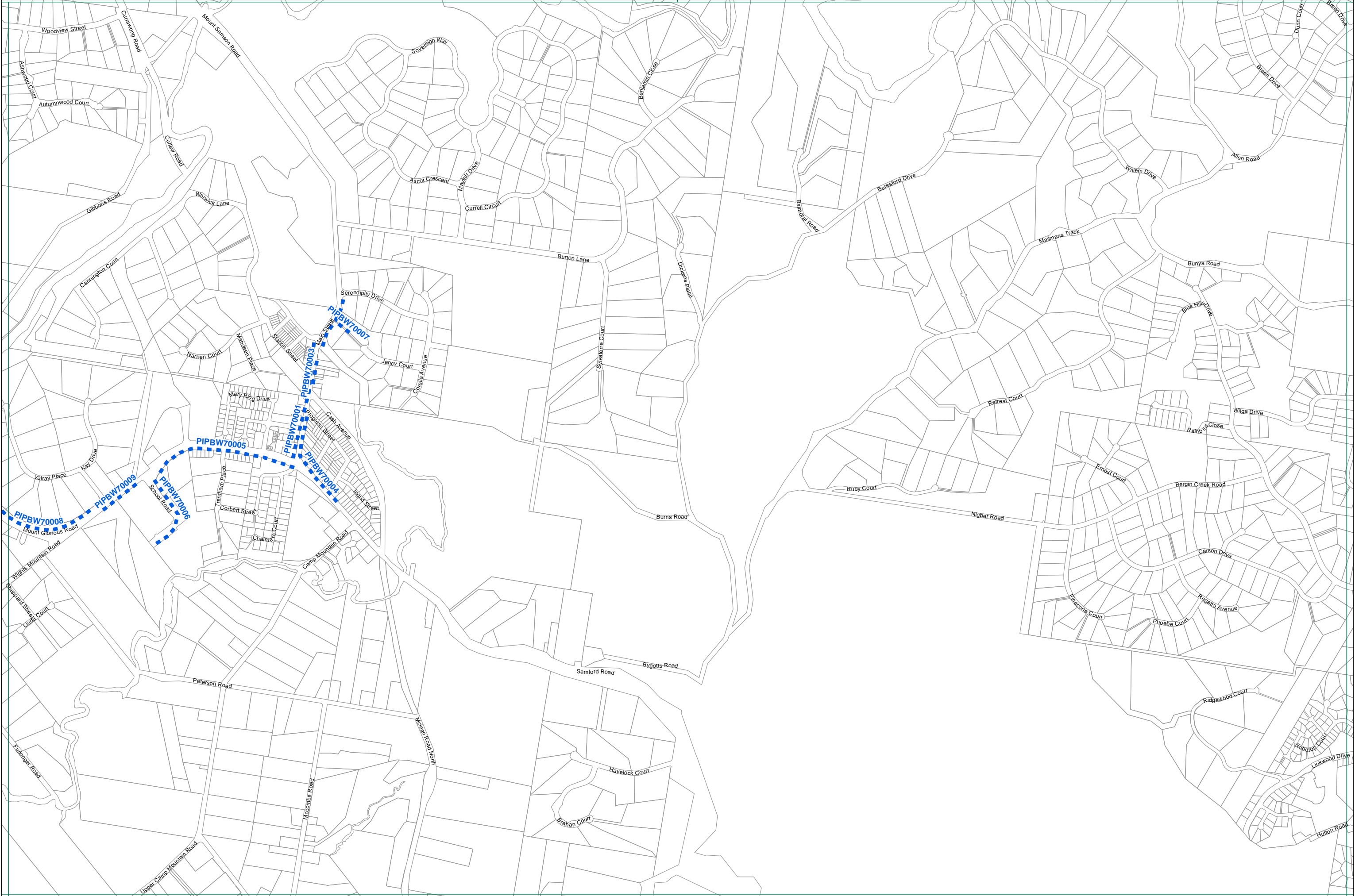
|      |      |
|------|------|
| 15.5 | 15.7 |
| 17.4 | 17.6 |
| 19.4 | 19.6 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - COUNCIL TRUNK ROADS

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
TRANSPORT NETWORK  
PLAN FOR TRUNK INFRASTRUCTURE  
Map Number 17.6





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N

Future Bikeways

District Boundary

PRSC

|      |      |
|------|------|
| 15.7 | 15.9 |
| 17.6 | 17.8 |
| 19.6 | 19.8 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - COUNCIL TRUNK ROADS

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL

Pine Rivers District

TRANSPORT NETWORK

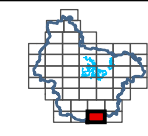
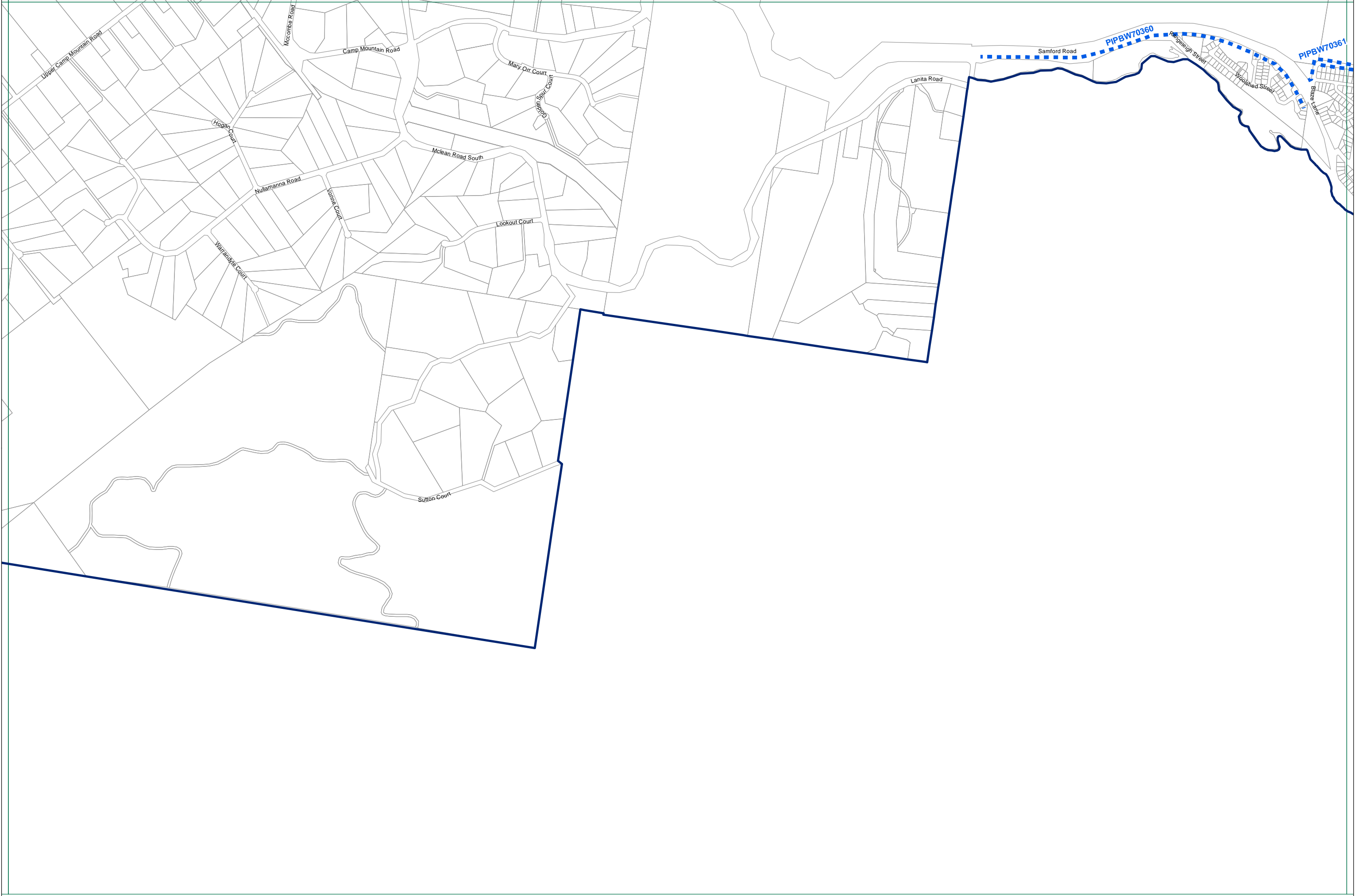
PLAN FOR TRUNK INFRASTRUCTURE

Map Number 17.8



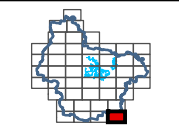
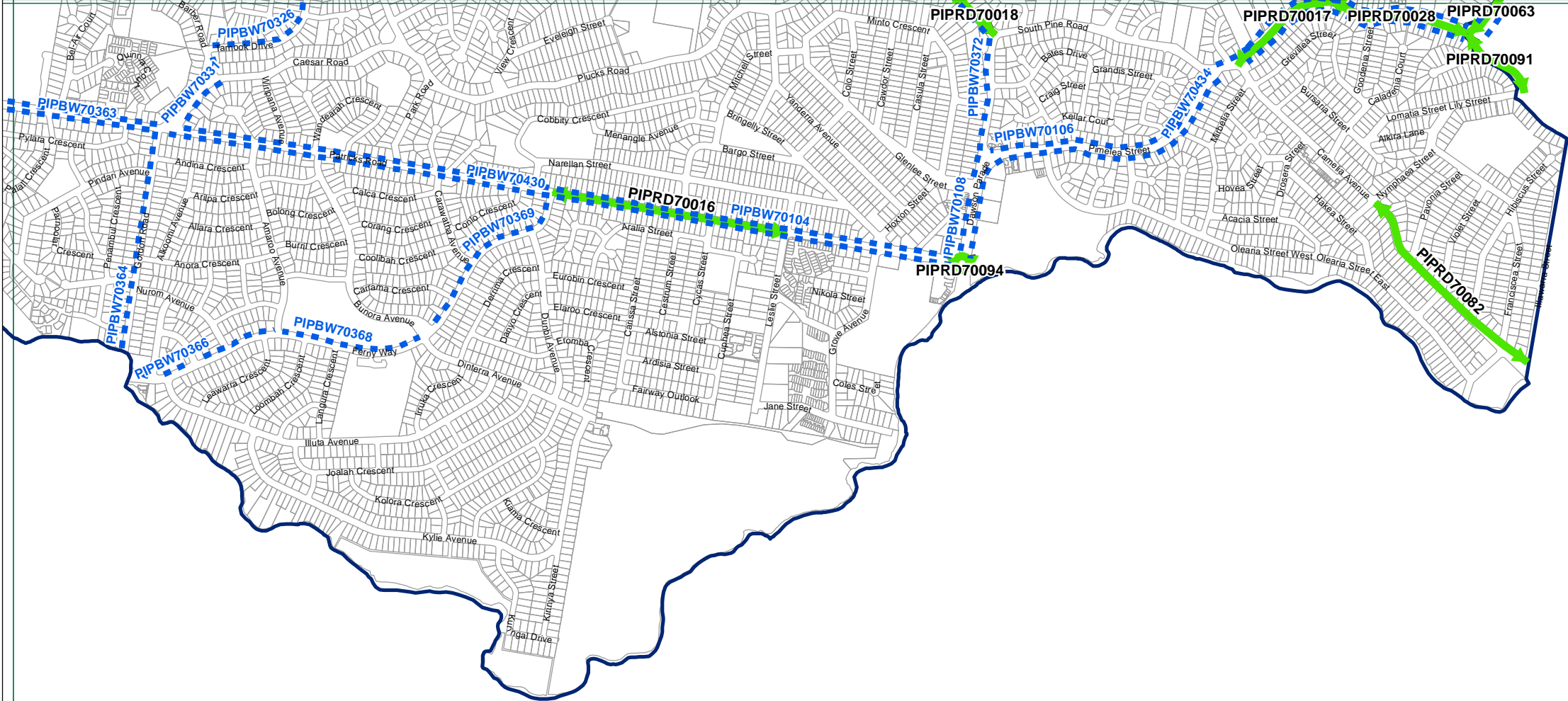






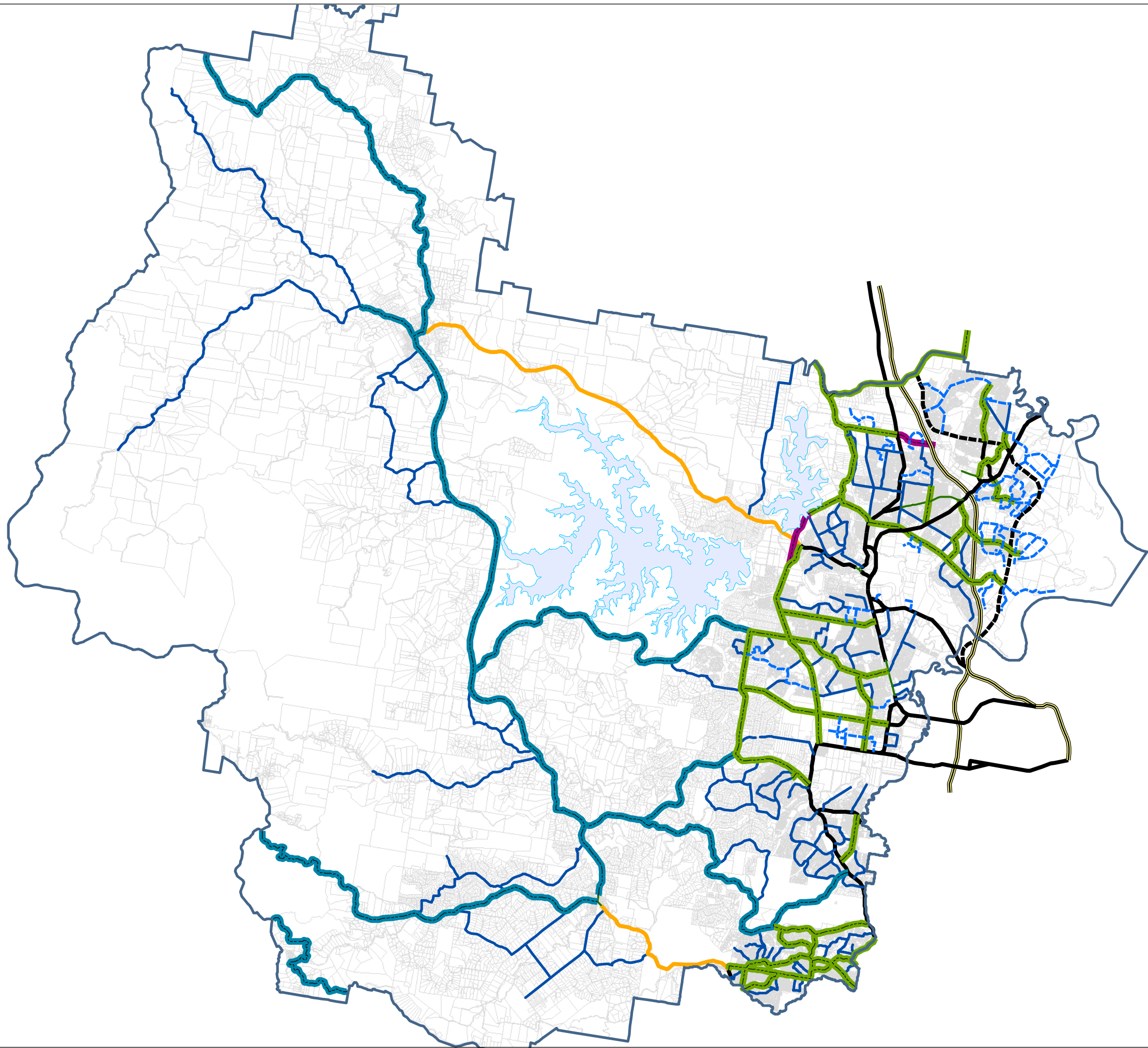
|      |      |       |
|------|------|-------|
| 17.6 | 17.8 | 17.10 |
| 19.6 | 19.8 | 19.10 |





|      |       |
|------|-------|
| 17.8 | 17.10 |
| 19.8 | 19.10 |





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#### Road Hierarchy

Existing Arterial

Existing Collector

Freeway

Existing Main Street

Future Arterial

Future Collector

Existing Rural Arterial

Existing Rural Sub-Arterial

Existing Sub-Arterial

Future Sub-Arterial

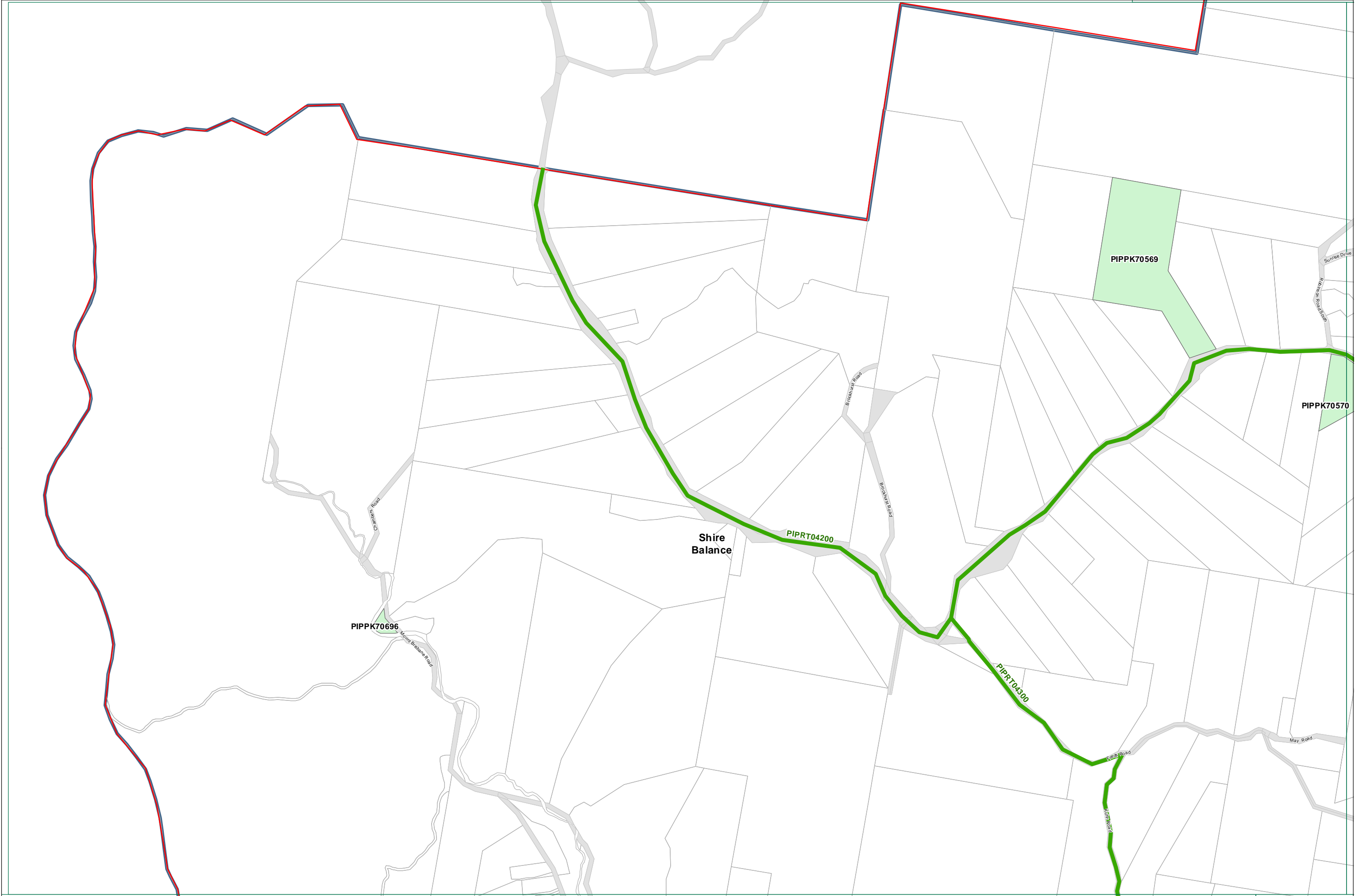
#### DEVELOPMENT CHANGES FOR TRUNK INFRASTRUCTURE - COUNCIL TRUNK ROADS

*Adopted Infrastructure  
Charges Resolution*

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

COUNCIL AND STATE CONTROLLED TRUNK  
ROAD HIERARCHY





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N

Future & Existing Rec Trails

District

Shire

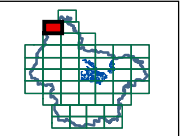
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



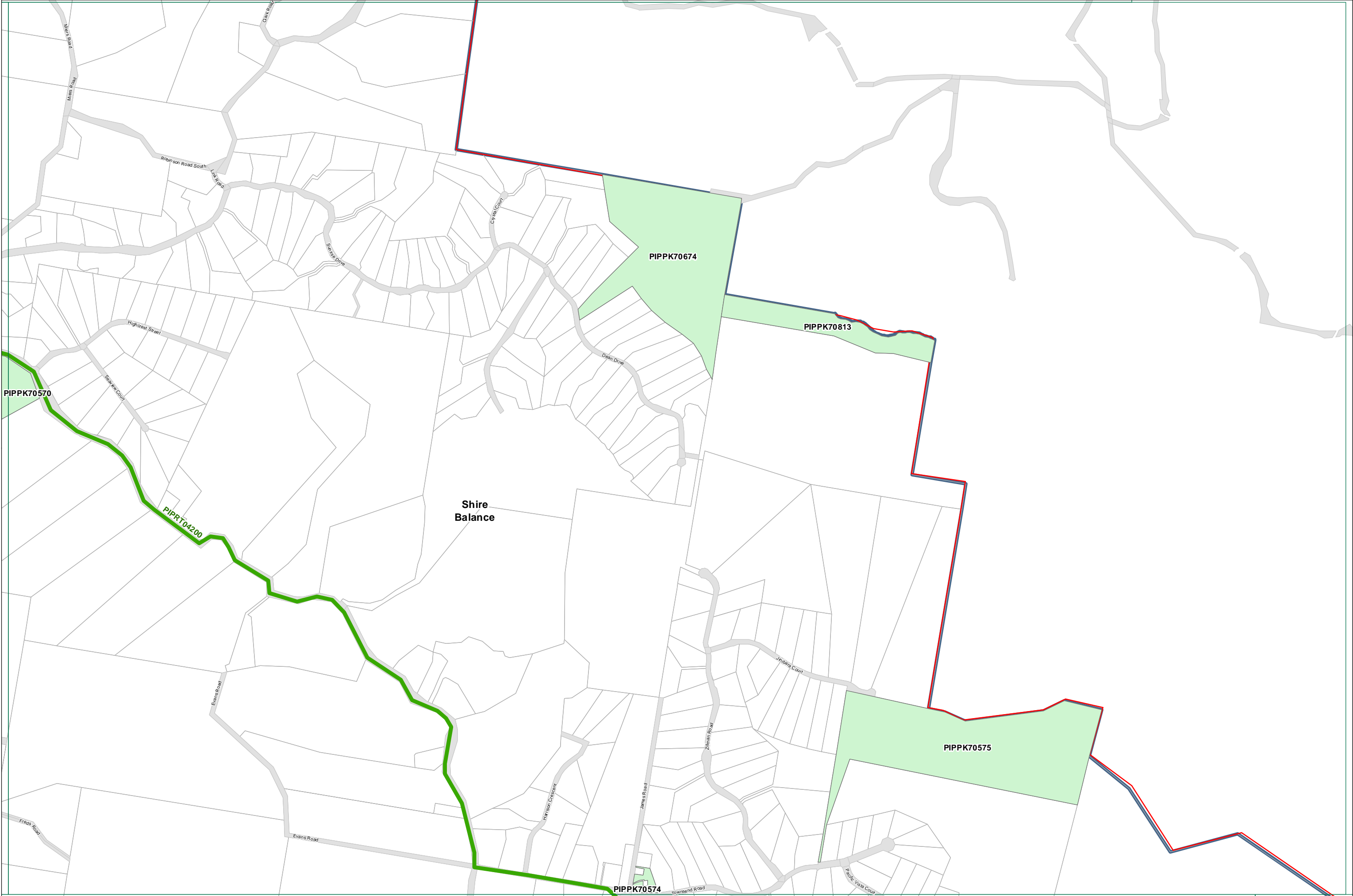
|     |     |
|-----|-----|
|     | 1.5 |
| 3.3 | 3.5 |
| 5.3 | 5.5 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
OPEN SPACE NETWORK PLAN  
FOR TRUNK INFRASTRUCTURE  
Map Number 3.3





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Future & Existing Rec Trails

District

Shire

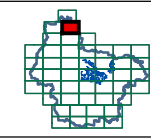
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



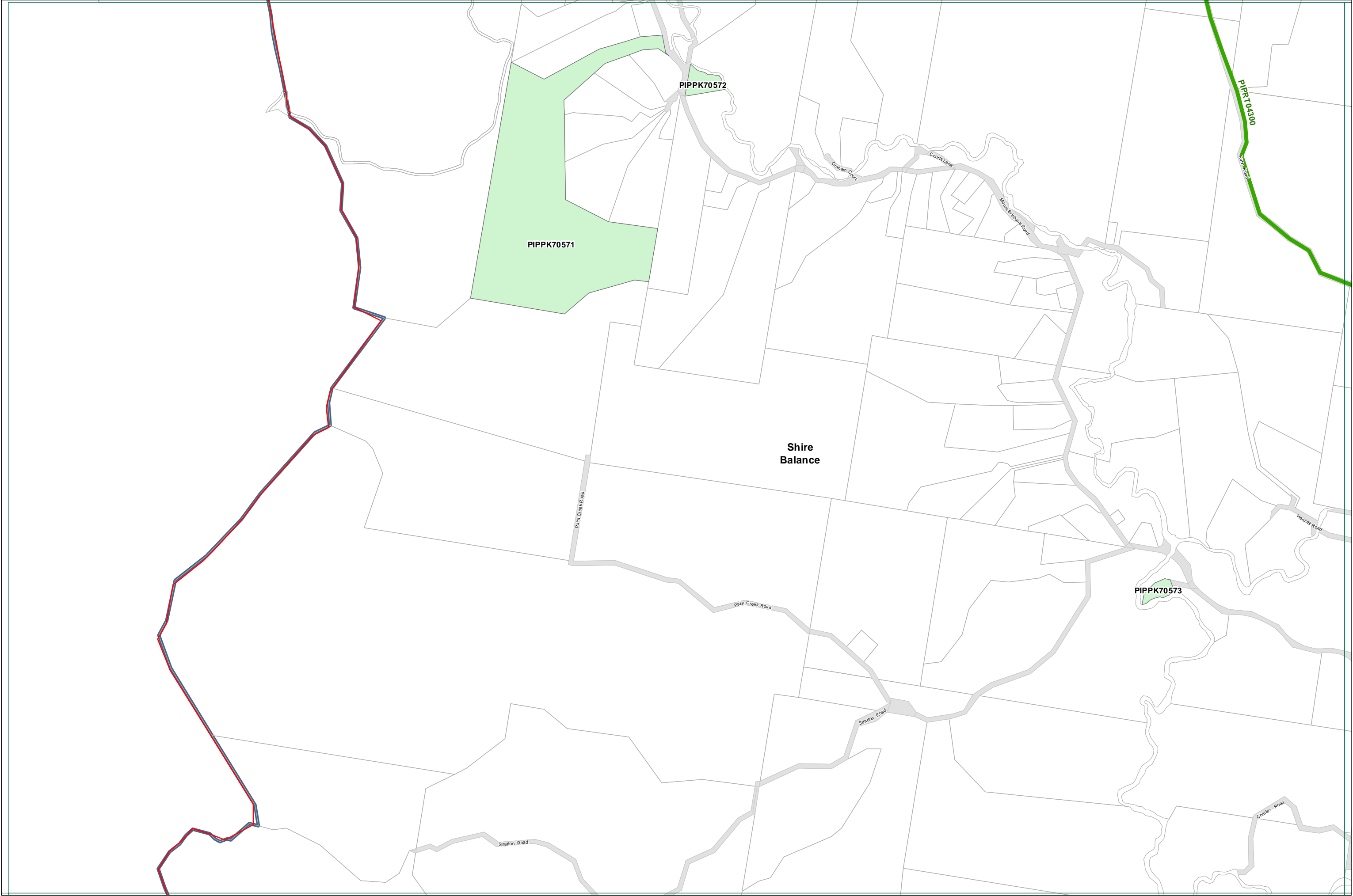
|     |     |
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|     | 1.5 |
| 3.3 | 3.5 |
| 5.3 | 5.5 |
|     | 5.7 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
OPEN SPACE NETWORK PLAN  
FOR TRUNK INFRASTRUCTURE  
Map Number 3.5





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N

Future & Existing Rec Trails

District

Shire

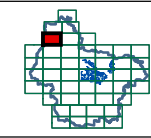
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|     |     |     |
|-----|-----|-----|
|     | 3.3 | 3.5 |
|     | 5.3 | 5.5 |
| 7.1 | 7.3 | 7.5 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

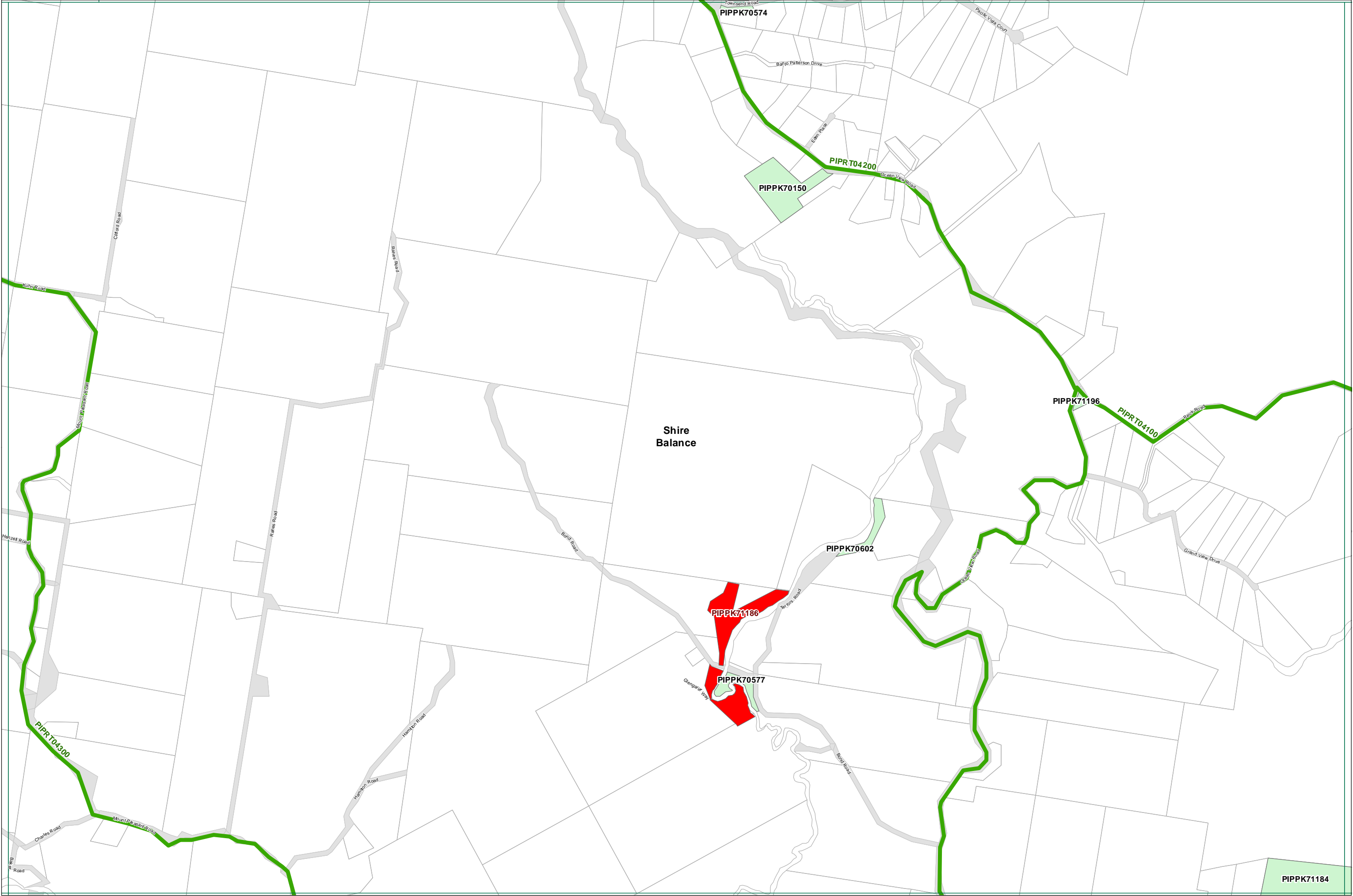
MORETON BAY REGIONAL COUNCIL

Pine Rivers District

OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 5.3





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N

Future & Existing Rec Trails

District

Shire

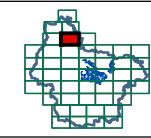
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|     |     |     |
|-----|-----|-----|
| 3.3 | 3.5 |     |
| 5.3 | 5.5 | 5.7 |
| 7.3 | 7.5 | 7.7 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District

OPEN SPACE NETWORK PLAN  
FOR TRUNK INFRASTRUCTURE

Map Number 5.5





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N

Future & Existing Rec Trails

District

Shire

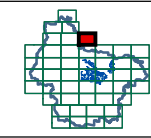
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



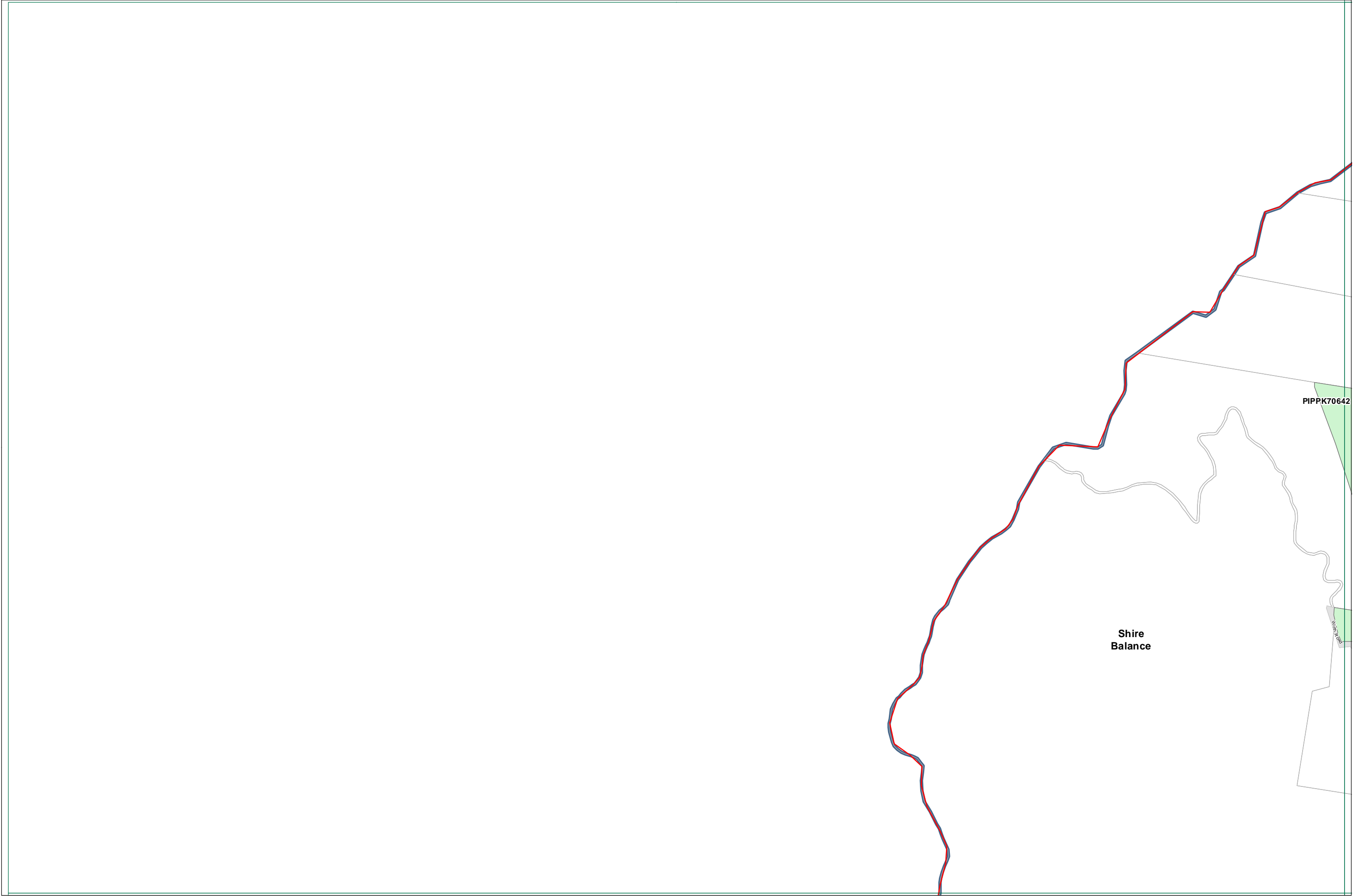
|     |     |     |
|-----|-----|-----|
| 3.5 |     |     |
| 5.5 | 5.7 |     |
| 7.5 | 7.7 | 7.9 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

*Adopted Infrastructure Charges Resolution*

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
OPEN SPACE NETWORK PLAN  
FOR TRUNK INFRASTRUCTURE  
Map Number 5.7





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Future & Existing Rec Trails

District

Shire

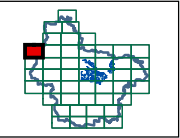
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|     |     |
|-----|-----|
|     | 5.3 |
| 7.1 | 7.3 |
| 9.1 | 9.3 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL

Pine Rivers District

OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 7.1





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Future & Existing Rec Trails

District

Shire

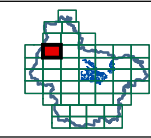
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|     |     |     |
|-----|-----|-----|
|     | 5.3 | 5.5 |
| 7.1 | 7.3 | 7.5 |
| 9.1 | 9.3 | 9.5 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

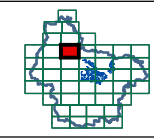
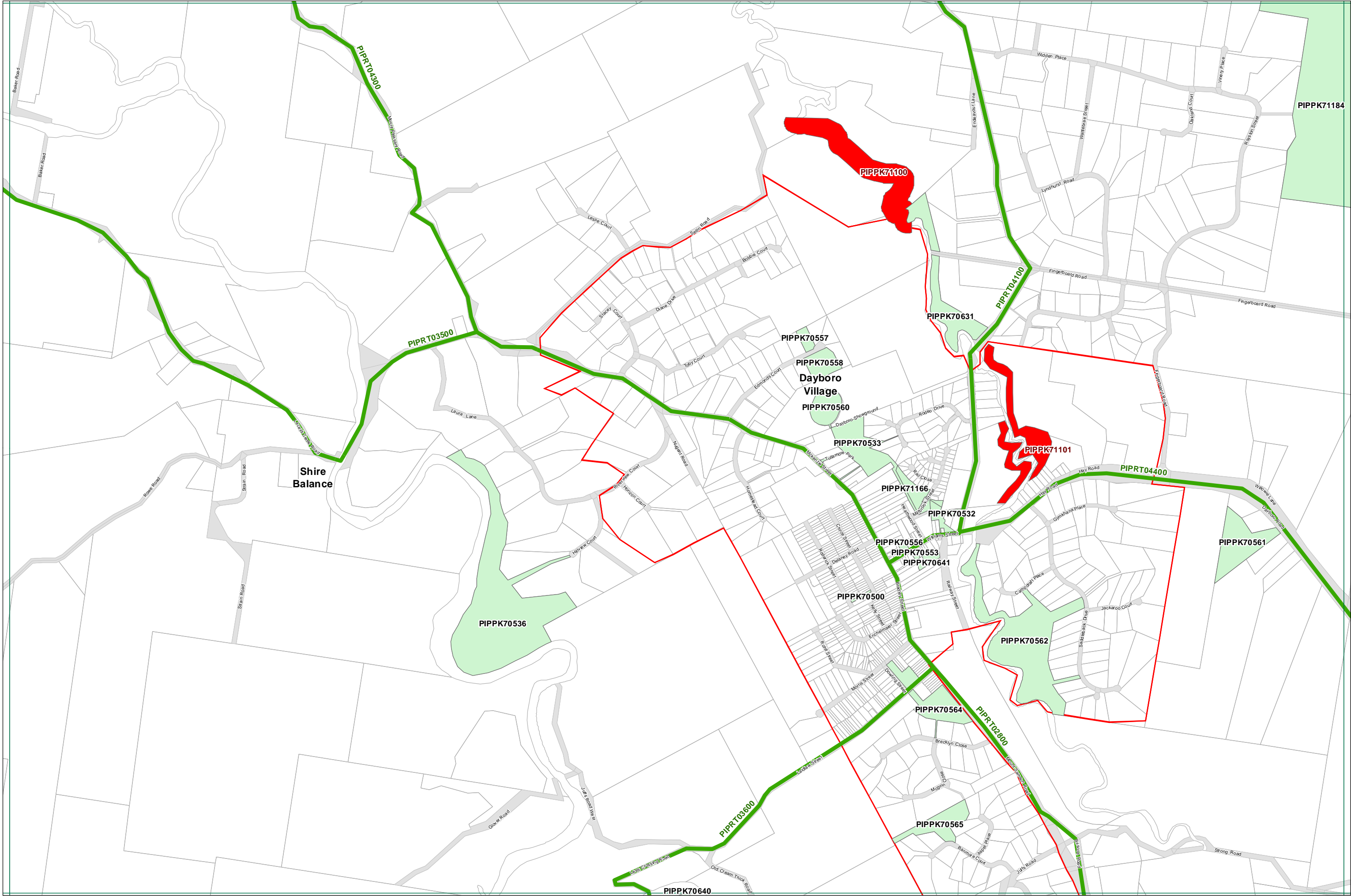
MORETON BAY REGIONAL COUNCIL

Pine Rivers District

OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE

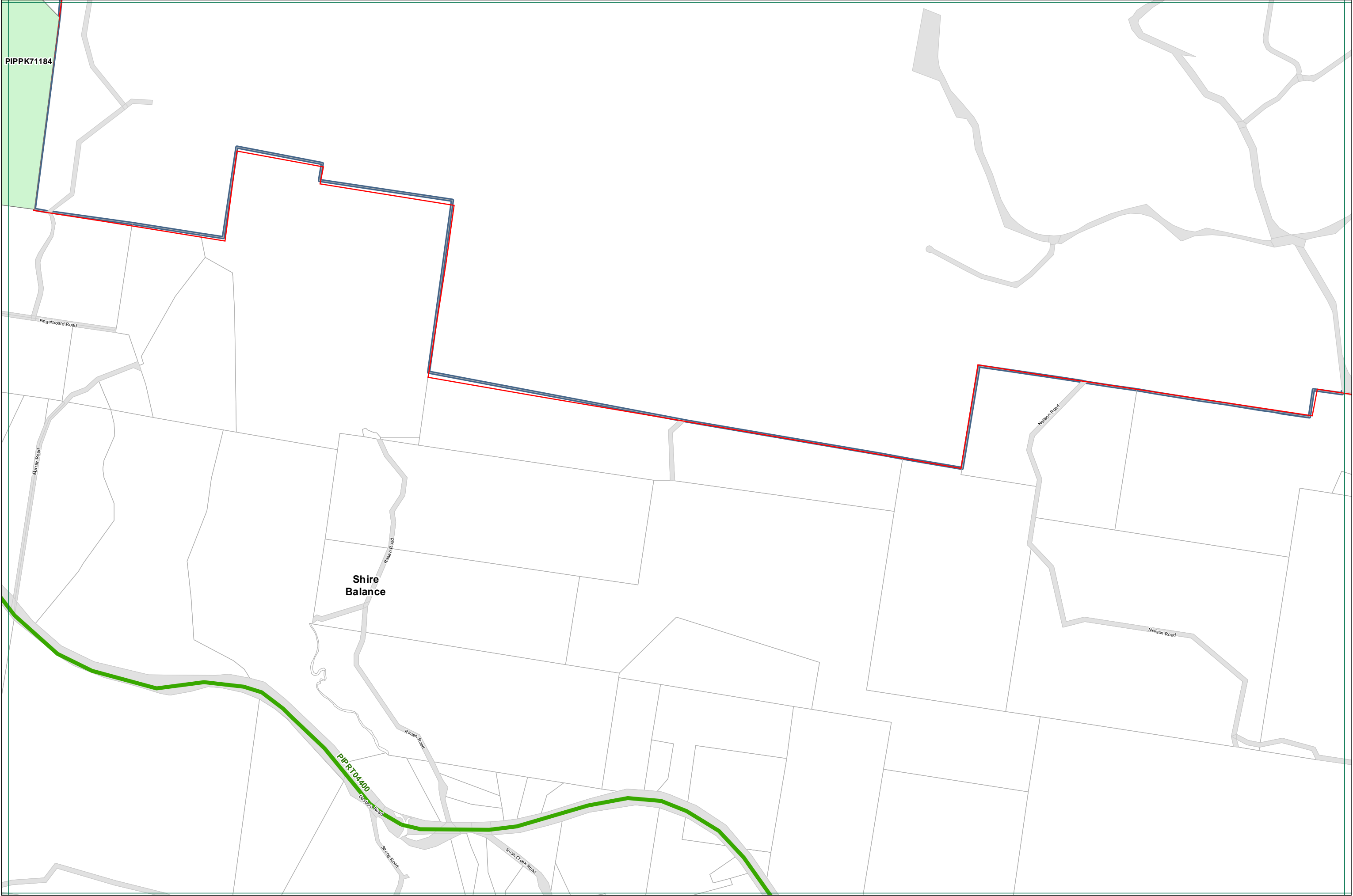
Map Number 7.3





|     |     |     |
|-----|-----|-----|
| 5.3 | 5.5 | 5.7 |
| 7.3 | 7.5 | 7.7 |
| 9.3 | 9.5 | 9.7 |





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Future & Existing Rec Trails

District

Shire

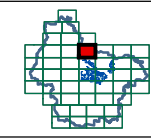
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|     |     |     |
|-----|-----|-----|
| 5.5 | 5.7 |     |
| 7.5 | 7.7 | 7.9 |
| 9.5 | 9.7 | 9.9 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL

Pine Rivers District

OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 7.7





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Future & Existing Rec Trails

District

Shire

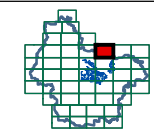
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|     |     |      |  |
|-----|-----|------|--|
| 5.7 |     |      |  |
| 7.7 | 7.9 | 7.11 |  |
| 9.7 | 9.9 | 9.11 |  |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

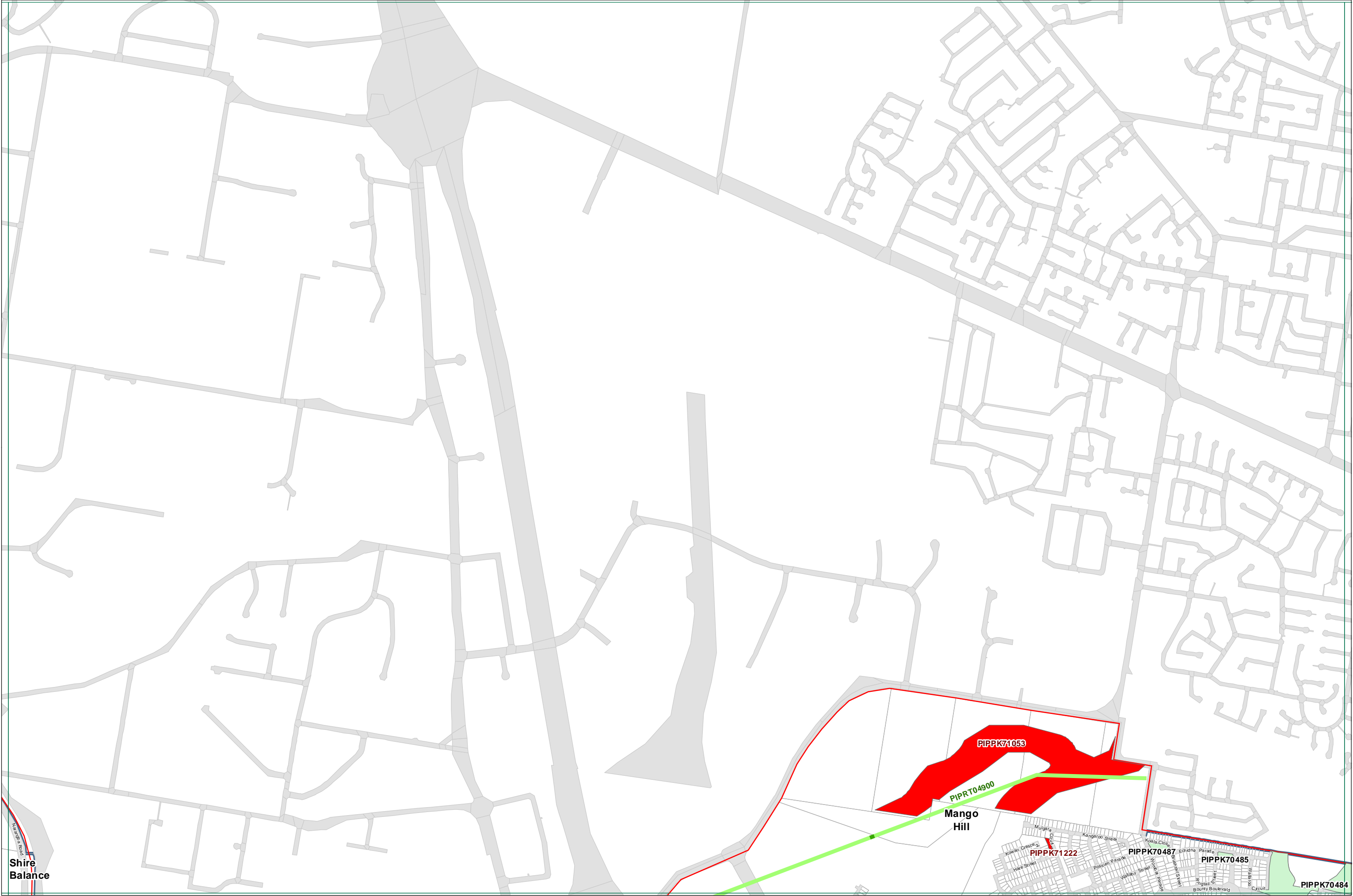
MORETON BAY REGIONAL COUNCIL

Pine Rivers District

OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 7.9





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N

Future & Existing Rec Trails

District

Shire

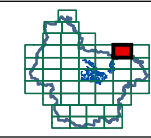
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|     |      |      |
|-----|------|------|
| 7.9 | 7.11 | 7.13 |
| 9.9 | 9.11 | 9.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
OPEN SPACE NETWORK PLAN  
FOR TRUNK INFRASTRUCTURE  
Map Number 7.11





PIPPK70484  
PIPPK70807  
PIPPK70479

Mango  
Hill

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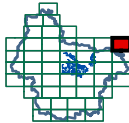


Future & Existing Rec Trails

- District
- Shire

Parks

- Existing Parks
- Future Parks
- Parks Catchments
- Shire Boundary

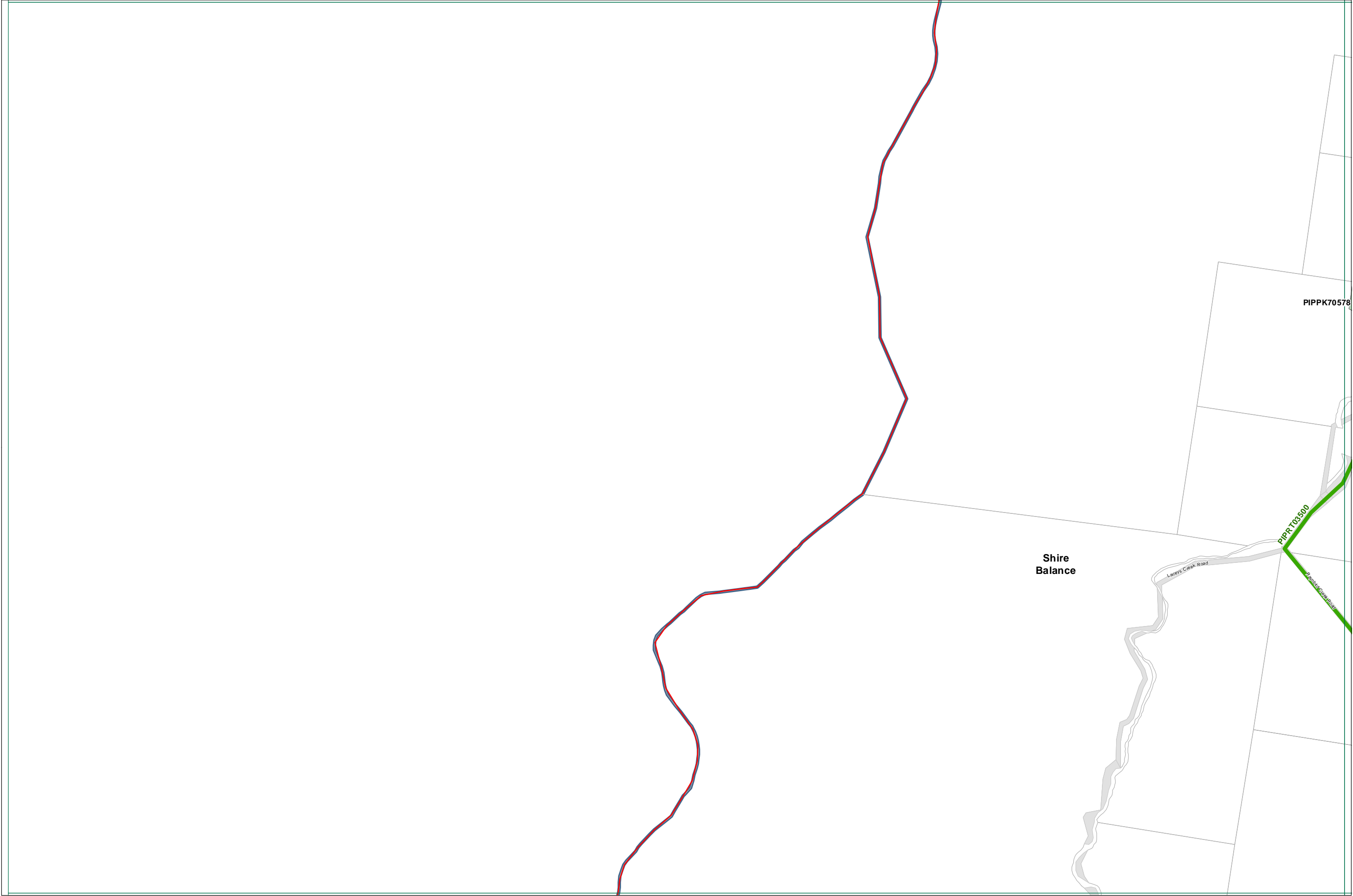


|      |      |
|------|------|
| 7.11 | 7.13 |
| 9.11 | 9.13 |

DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
OPEN SPACE  
  
*Adopted Infrastructure  
Charges Resolution*

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
OPEN SPACE NETWORK PLAN  
FOR TRUNK INFRASTRUCTURE  
Map Number 7.13





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N

Future & Existing Rec Trails

District

Shire

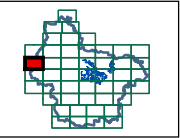
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|      |      |
|------|------|
| 7.1  | 7.3  |
| 9.1  | 9.3  |
| 11.1 | 11.3 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL

Pine Rivers District

OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE


Map Number 9.1





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**Future & Existing Rec Trails**

- District
- Shire

**Parks**

- Existing Parks
- Future Parks

**Parks Catchments**

- Shire Boundary

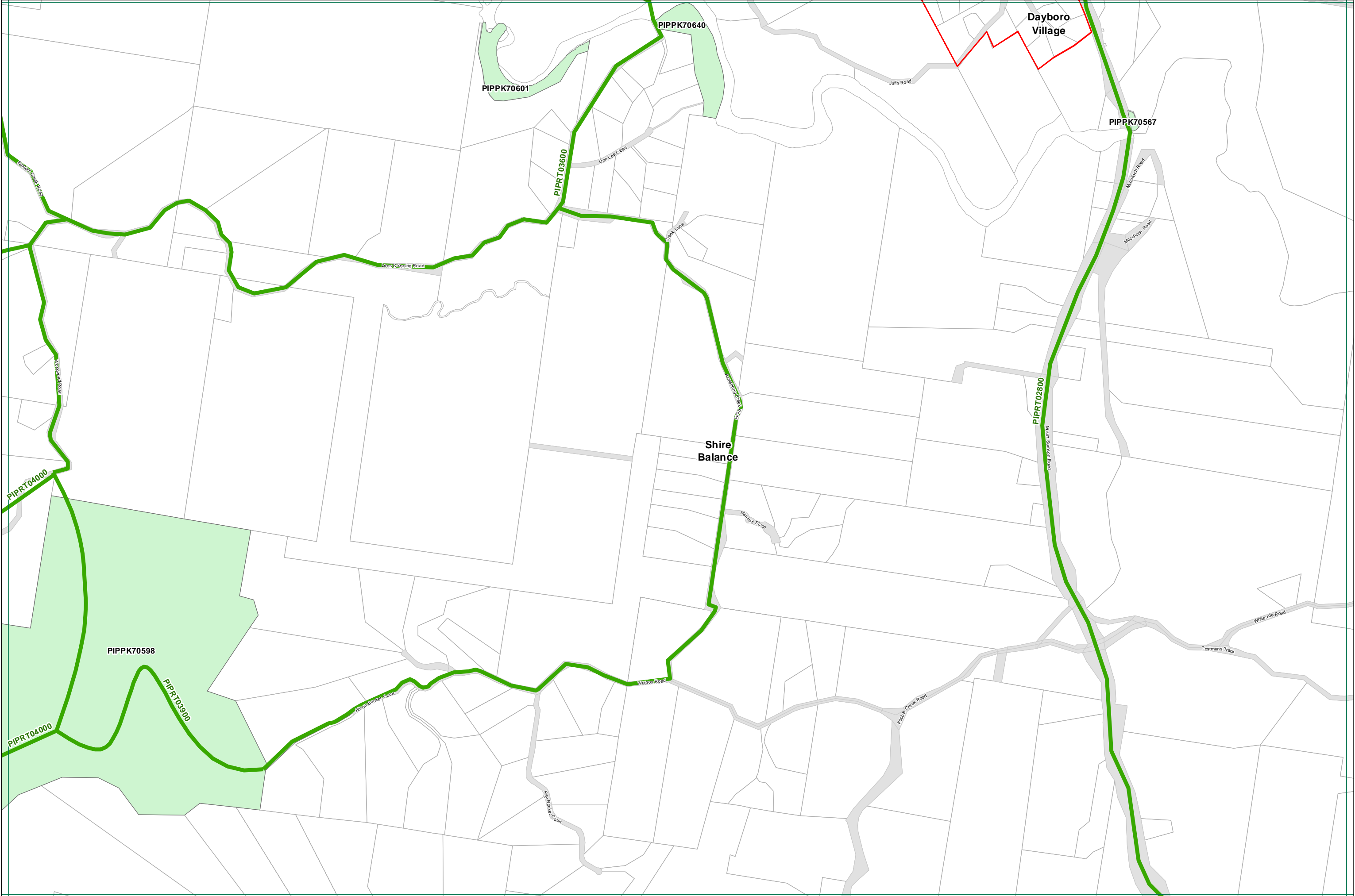
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|------|------|------|
| 7.1  | 7.3  | 7.5  |
| 9.1  | 9.3  | 9.5  |
| 11.1 | 11.3 | 11.5 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 9.3





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N

**Future & Existing Rec Trails**

- District
- Shire

**Parks**

- Existing Parks
- Future Parks

**Parks Catchments**

- Parks Catchments

**Shire Boundary**

- Shire Boundary

|      |      |      |
|------|------|------|
| 7.3  | 7.5  | 7.7  |
| 9.3  | 9.5  | 9.7  |
| 11.3 | 11.5 | 11.7 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 9.5





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**Future & Existing Rec Trails**

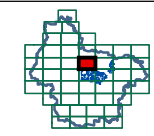
- District
- Shire

**Parks**

- Existing Parks
- Future Parks

**Parks Catchments**

- Parks Catchments
- Shire Boundary



|      |      |      |
|------|------|------|
| 7.5  | 7.7  | 7.9  |
| 9.5  | 9.7  | 9.9  |
| 11.5 | 11.7 | 11.9 |

**DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
OPEN SPACE**

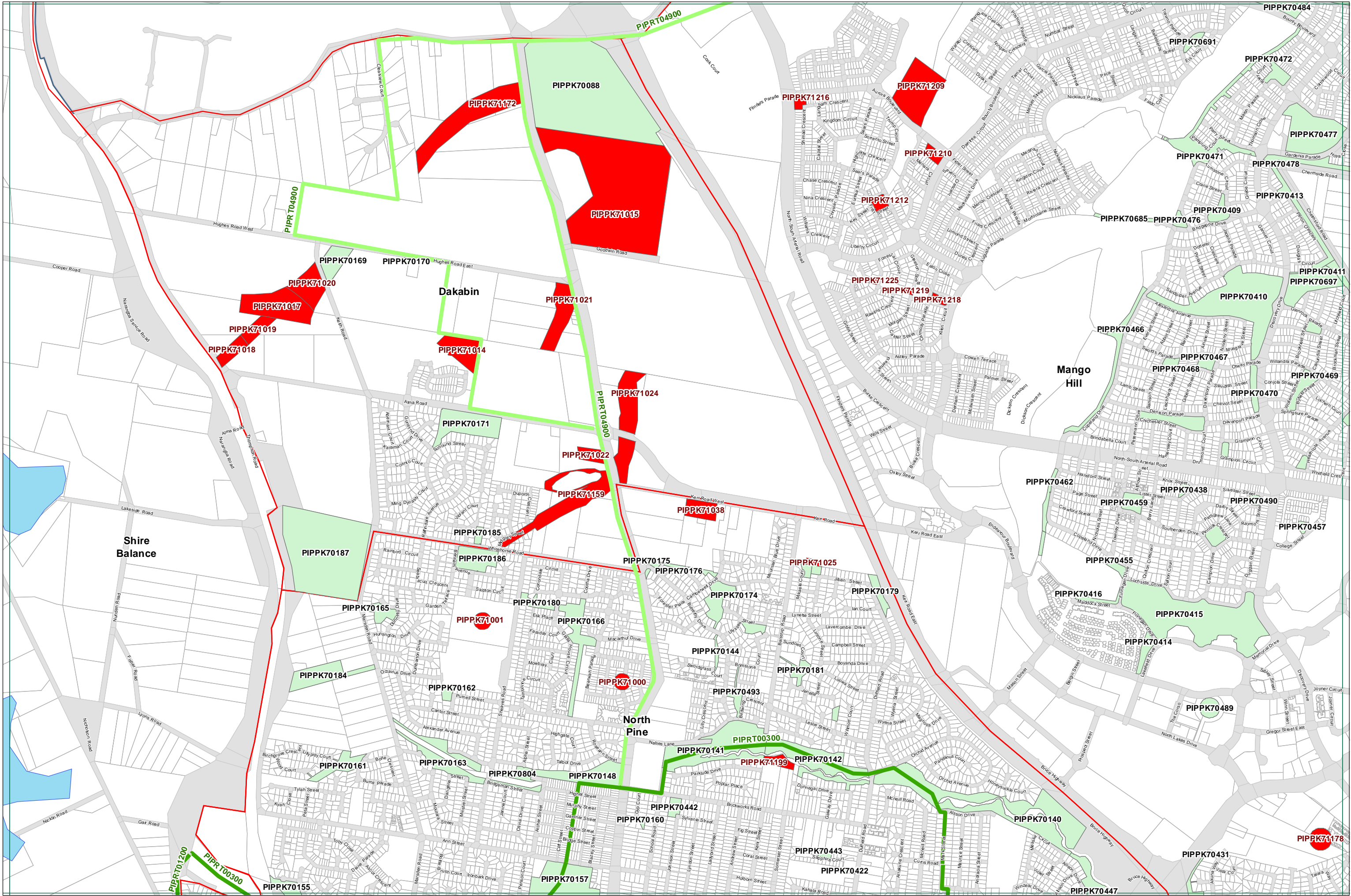
*Adopted Infrastructure  
Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**OPEN SPACE NETWORK PLAN  
FOR TRUNK INFRASTRUCTURE**  
Map Number 9.7









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Future & Existing Rec Trails

District

Shire

Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary

|      |       |       |
|------|-------|-------|
| 7.9  | 7.11  | 7.13  |
| 9.9  | 9.11  | 9.13  |
| 11.9 | 11.11 | 11.13 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

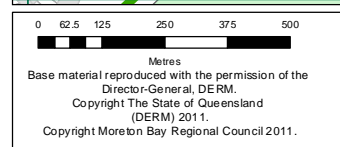
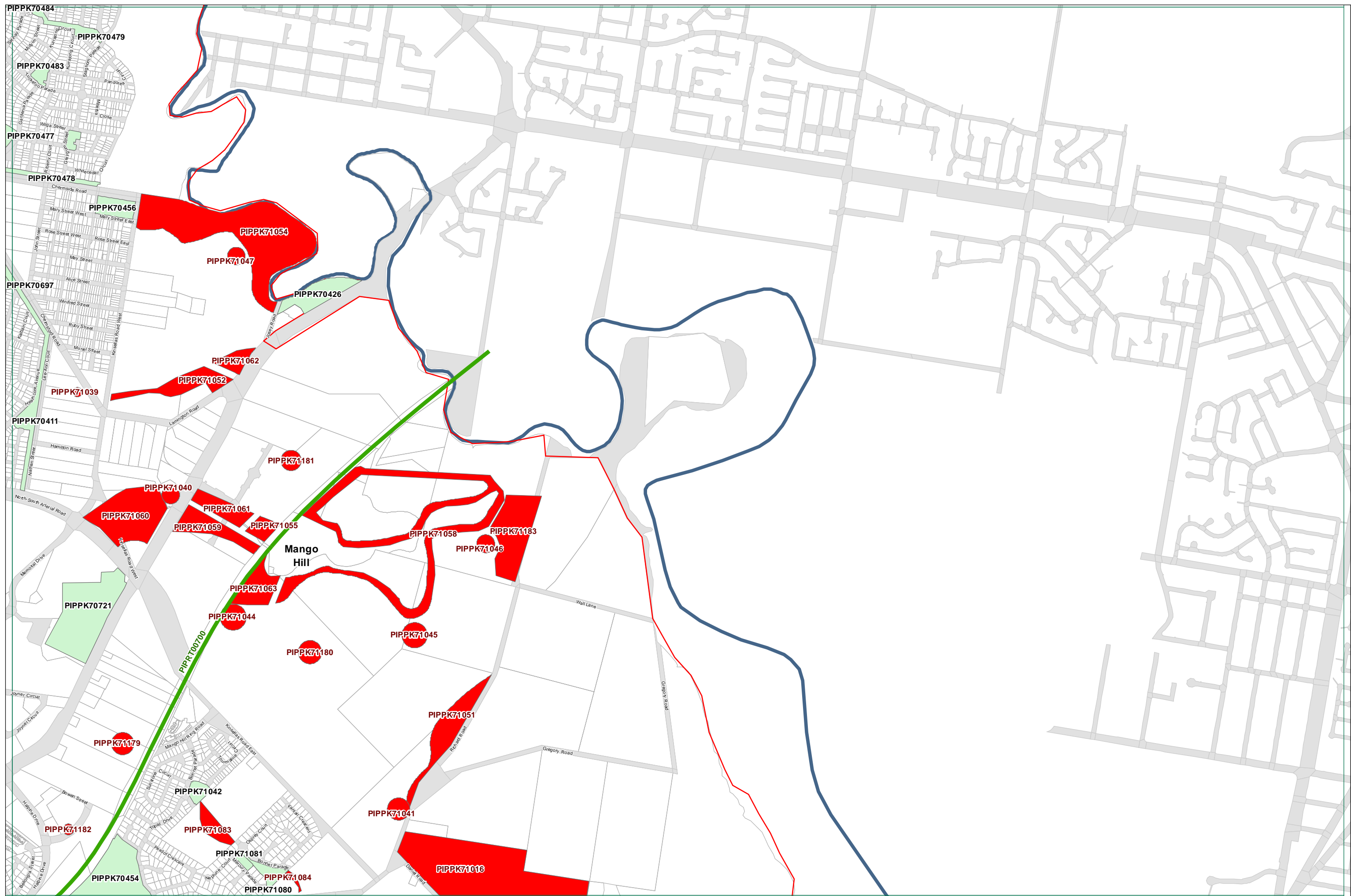
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL Pine Rivers District

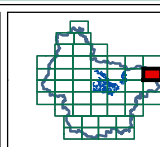
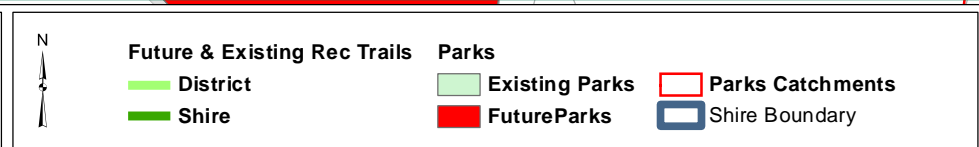
OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 9.11





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|       |       |  |
|-------|-------|--|
| 7.11  | 7.13  |  |
| 9.11  | 9.13  |  |
| 11.11 | 11.13 |  |

**DEVELOPMENT CHARGES FOR  
TRUNK INFRASTRUCTURE -  
OPEN SPACE**

*Adopted Infrastructure  
Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
**Pine Rivers District**  
**OPEN SPACE NETWORK PLAN**  
**FOR TRUNK INFRASTRUCTURE**  
**Map Number 9.13**





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Future & Existing Rec Trails

District

Shire

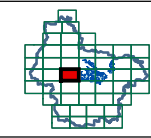
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|      |      |      |
|------|------|------|
| 9.3  | 9.5  | 9.7  |
| 11.3 | 11.5 | 11.7 |
| 13.3 | 13.5 | 13.7 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
OPEN SPACE NETWORK PLAN  
FOR TRUNK INFRASTRUCTURE  
Map Number 11.5





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N

**Future & Existing Rec Trails**

- District
- Shire

**Parks**

- Existing Parks
- Future Parks

**Parks Catchments**

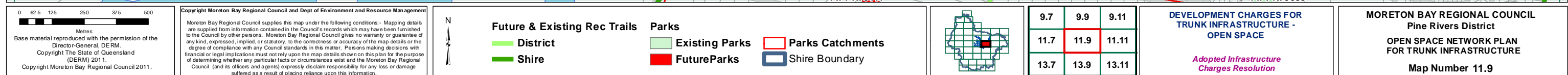
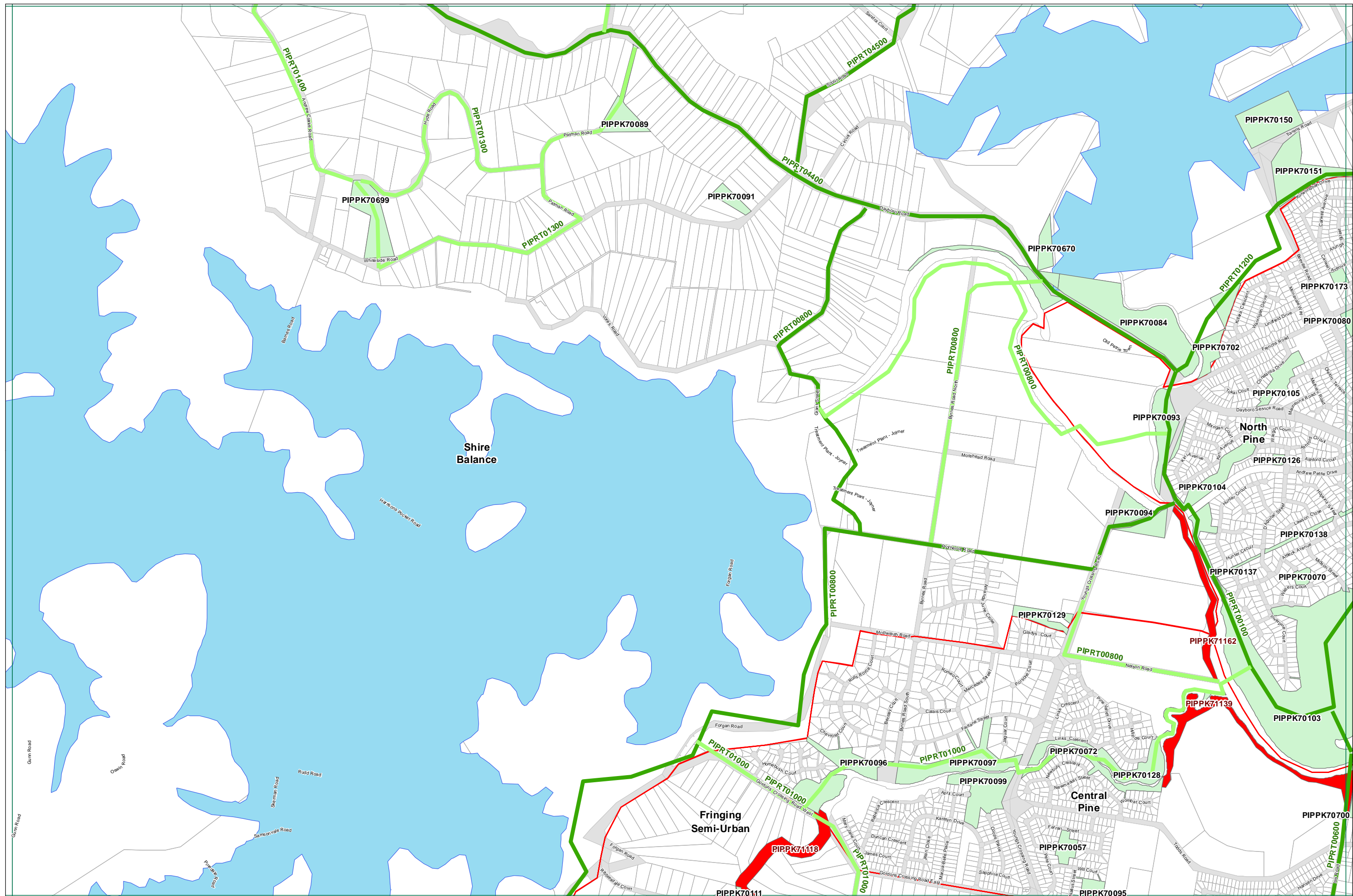
- Parks Catchments
- Shire Boundary

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
**Pine Rivers District**  
**OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
**Map Number 11.7**

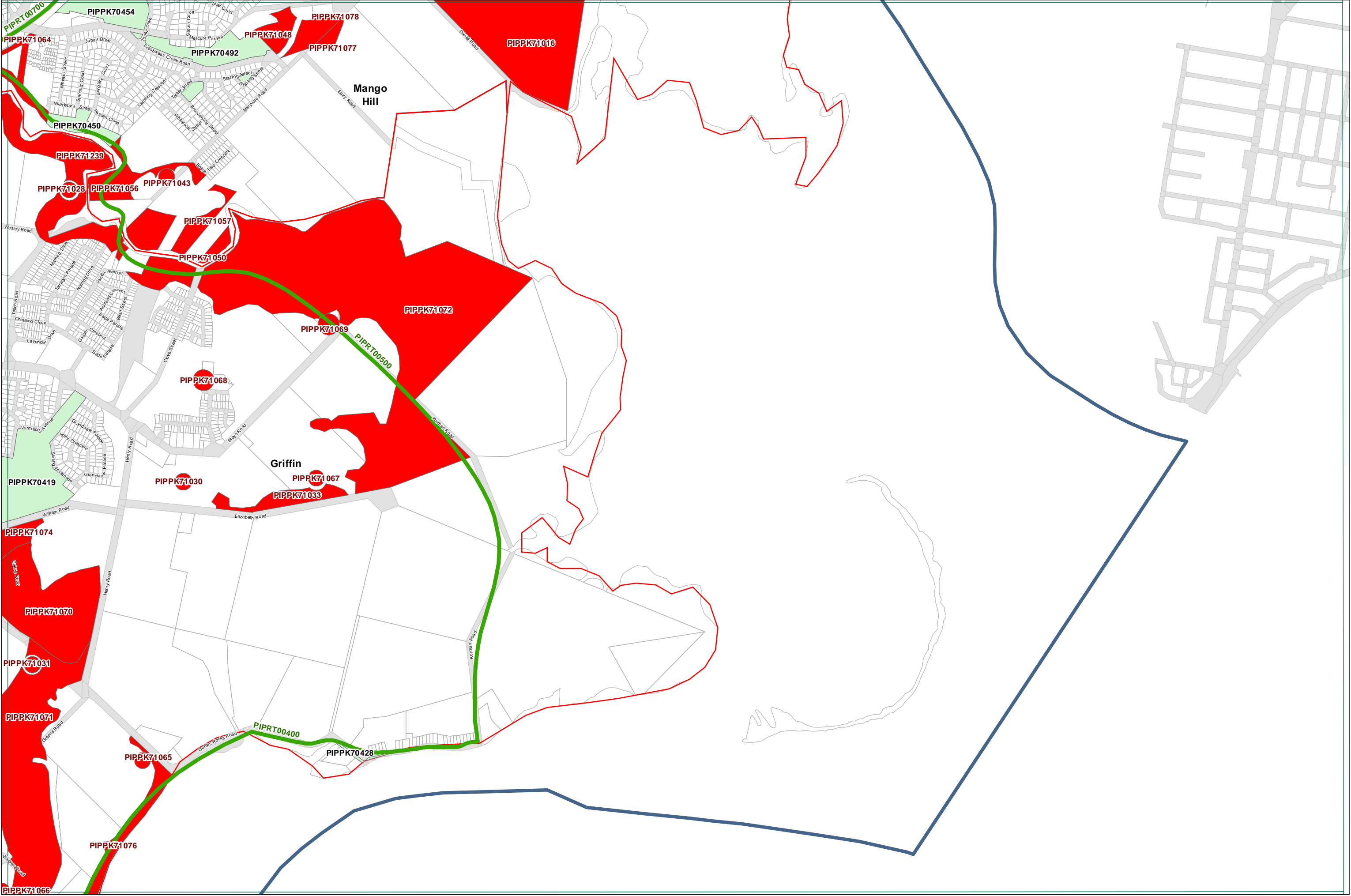













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**Future & Existing Rec Trails**

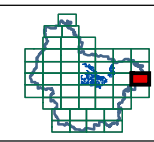
- District
- Shire

**Parks**

- Existing Parks
- Future Parks

**Parks Catchments**

- Shire Boundary



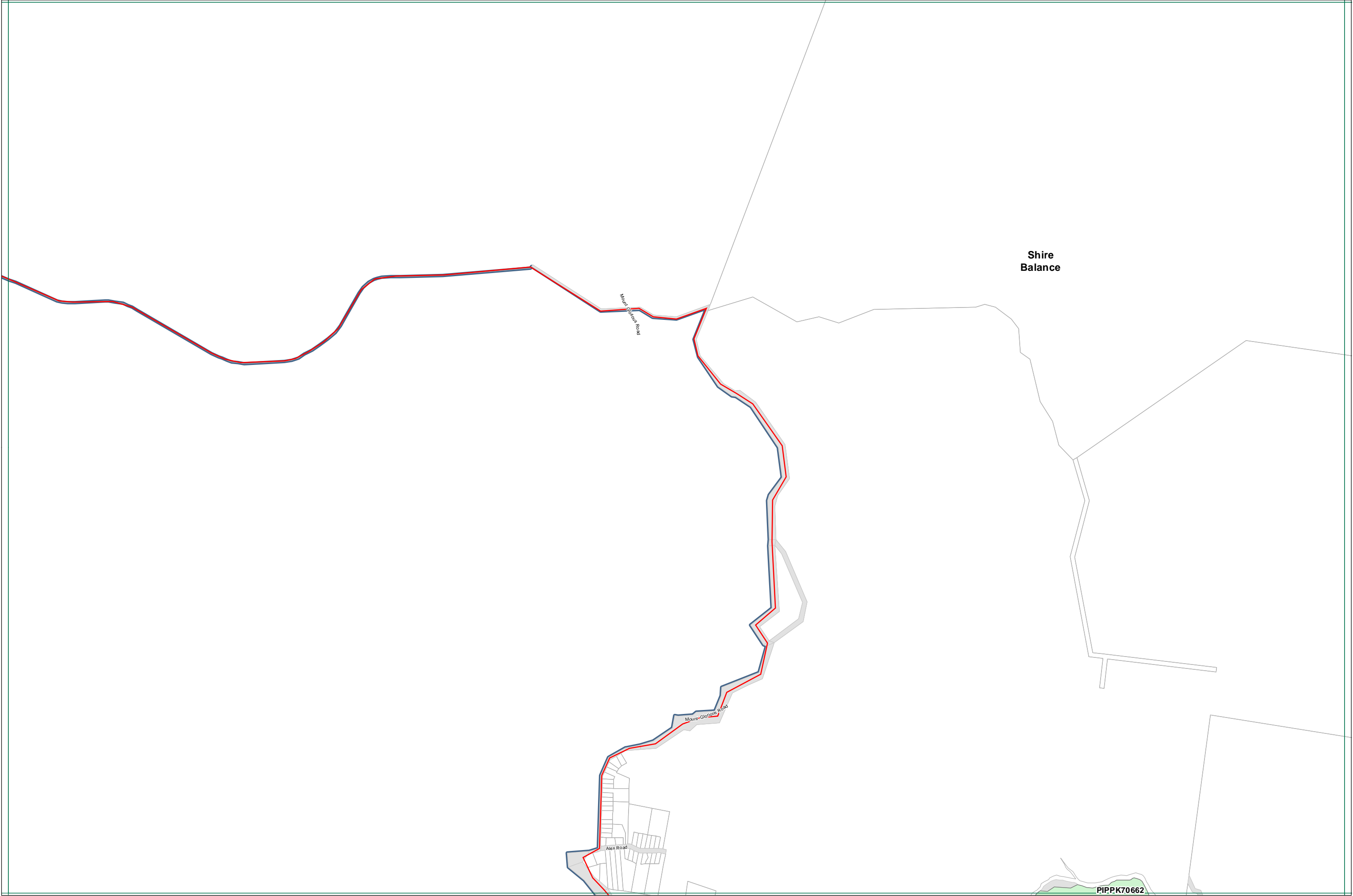
|       |       |
|-------|-------|
| 9.11  | 9.13  |
| 11.11 | 11.13 |
| 13.11 | 13.13 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 11.13





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N

Future & Existing Rec Trails

District

Shire

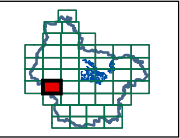
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|      |      |      |
|------|------|------|
| 11.1 | 11.3 | 11.5 |
| 13.1 | 13.3 | 13.5 |
|      | 15.3 | 15.5 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE  
Map Number 13.3





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Future & Existing Rec Trails

District

Shire

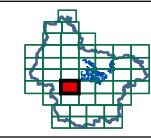
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



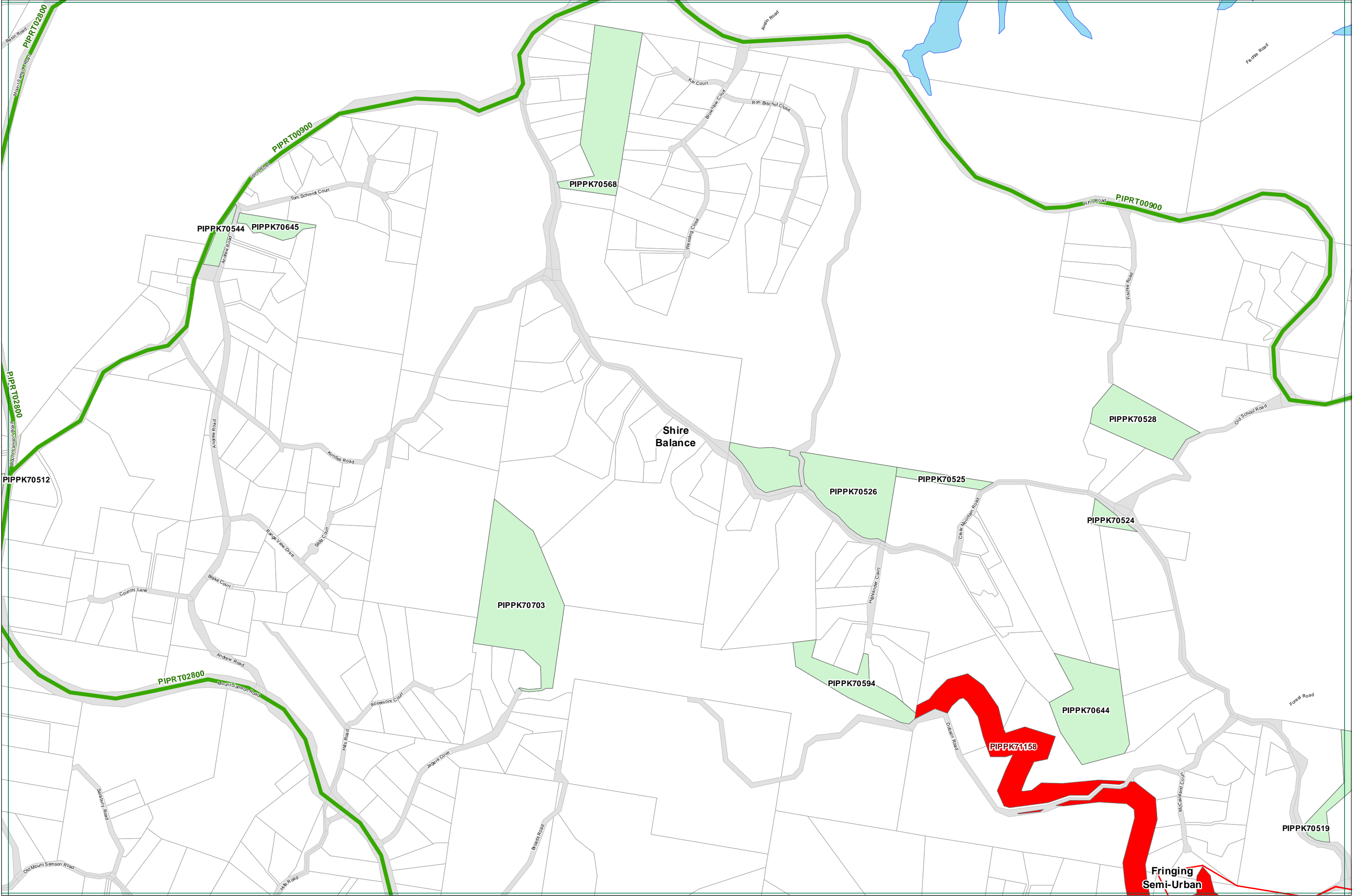
|      |      |      |
|------|------|------|
| 11.3 | 11.5 | 11.7 |
| 13.3 | 13.5 | 13.7 |
| 15.3 | 15.5 | 15.7 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL  
Pine Rivers District  
OPEN SPACE NETWORK PLAN  
FOR TRUNK INFRASTRUCTURE  
Map Number 13.5





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N

**Future & Existing Rec Trails**

- District
- Shire

**Parks**

- Existing Parks
- Future Parks

**Parks Catchments**

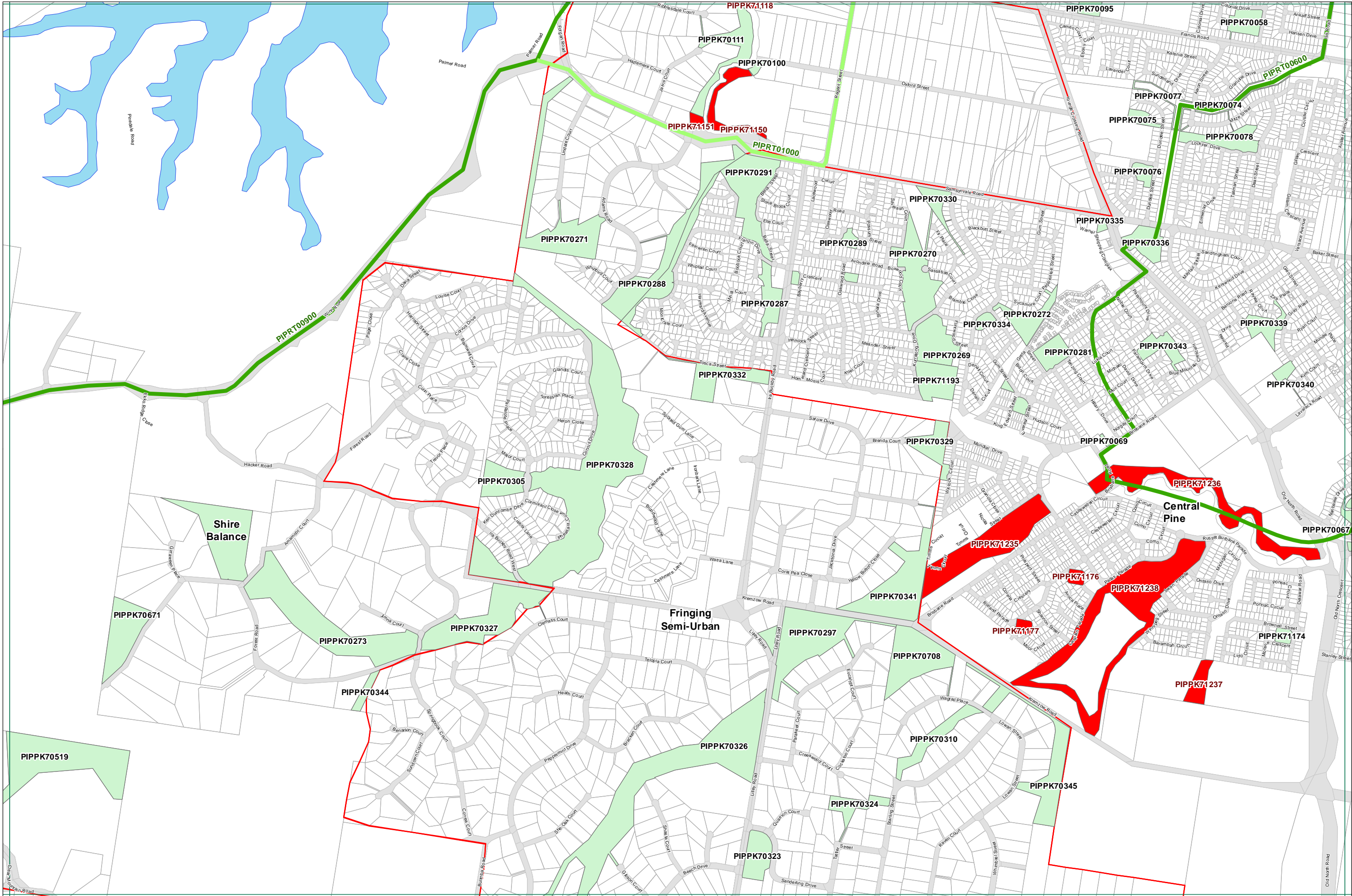
- Parks Catchments
- Shire Boundary

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 13.7





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N

**Future & Existing Rec Trails**

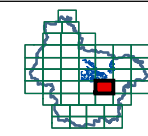
- District
- Shire

**Parks**

- Existing Parks
- Future Parks

**Parks Catchments**

- Parks Catchments
- Shire Boundary



|      |      |       |
|------|------|-------|
| 11.7 | 11.9 | 11.11 |
| 13.7 | 13.9 | 13.11 |
| 15.7 | 15.9 | 15.11 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE**

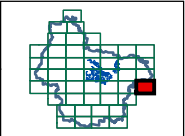
*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 13.9



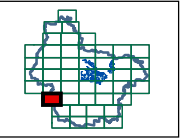
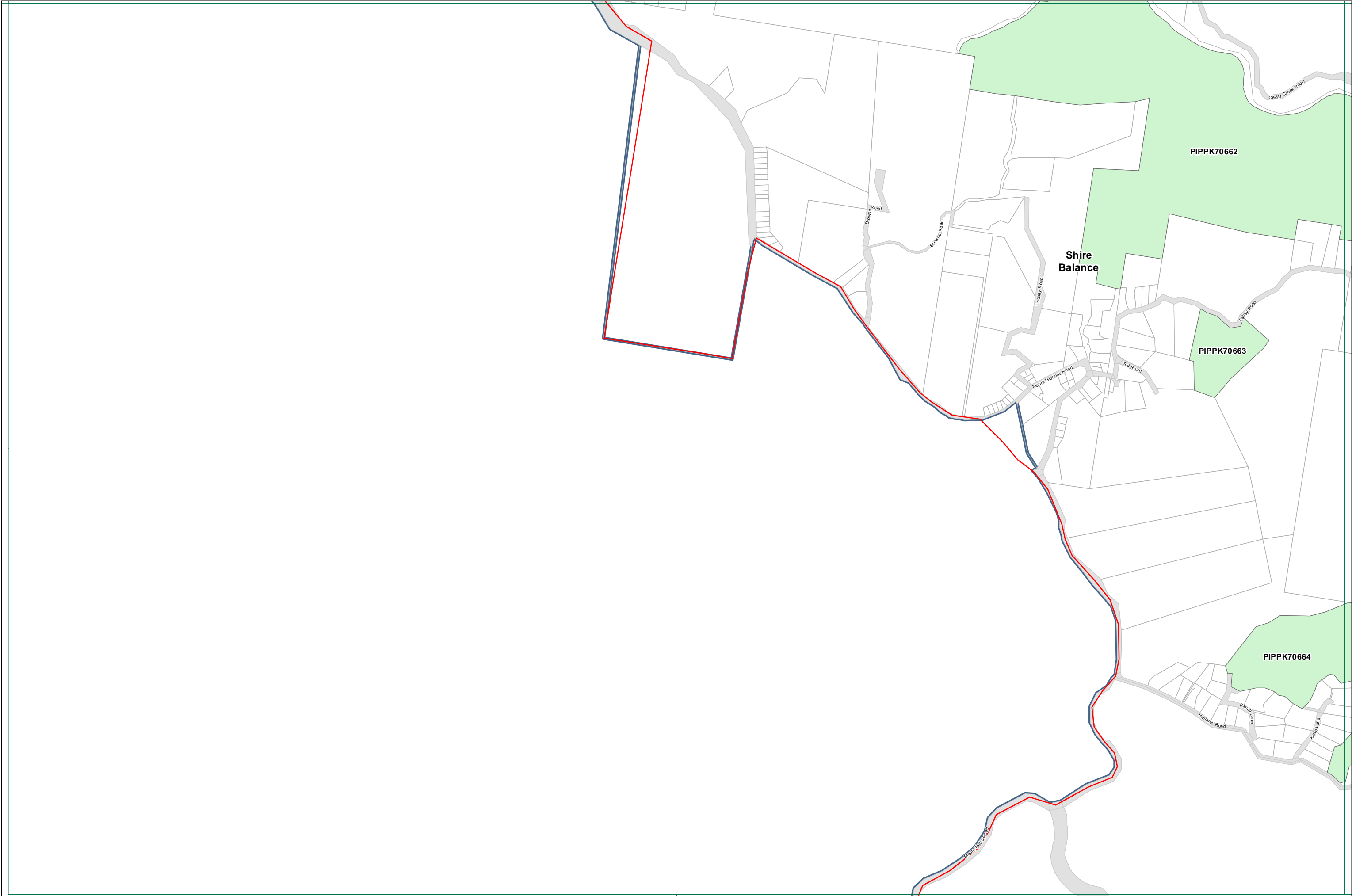






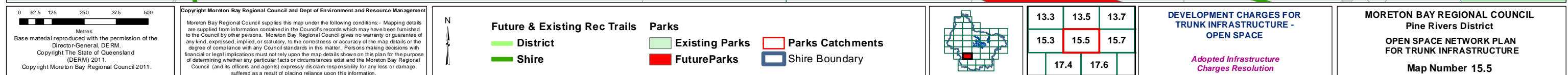
|       |       |
|-------|-------|
| 11.11 | 11.13 |
| 13.11 | 13.13 |
| 15.11 |       |





|      |      |      |
|------|------|------|
| 13.1 | 13.3 | 13.5 |
|      | 15.3 | 15.5 |
|      | 17.4 |      |

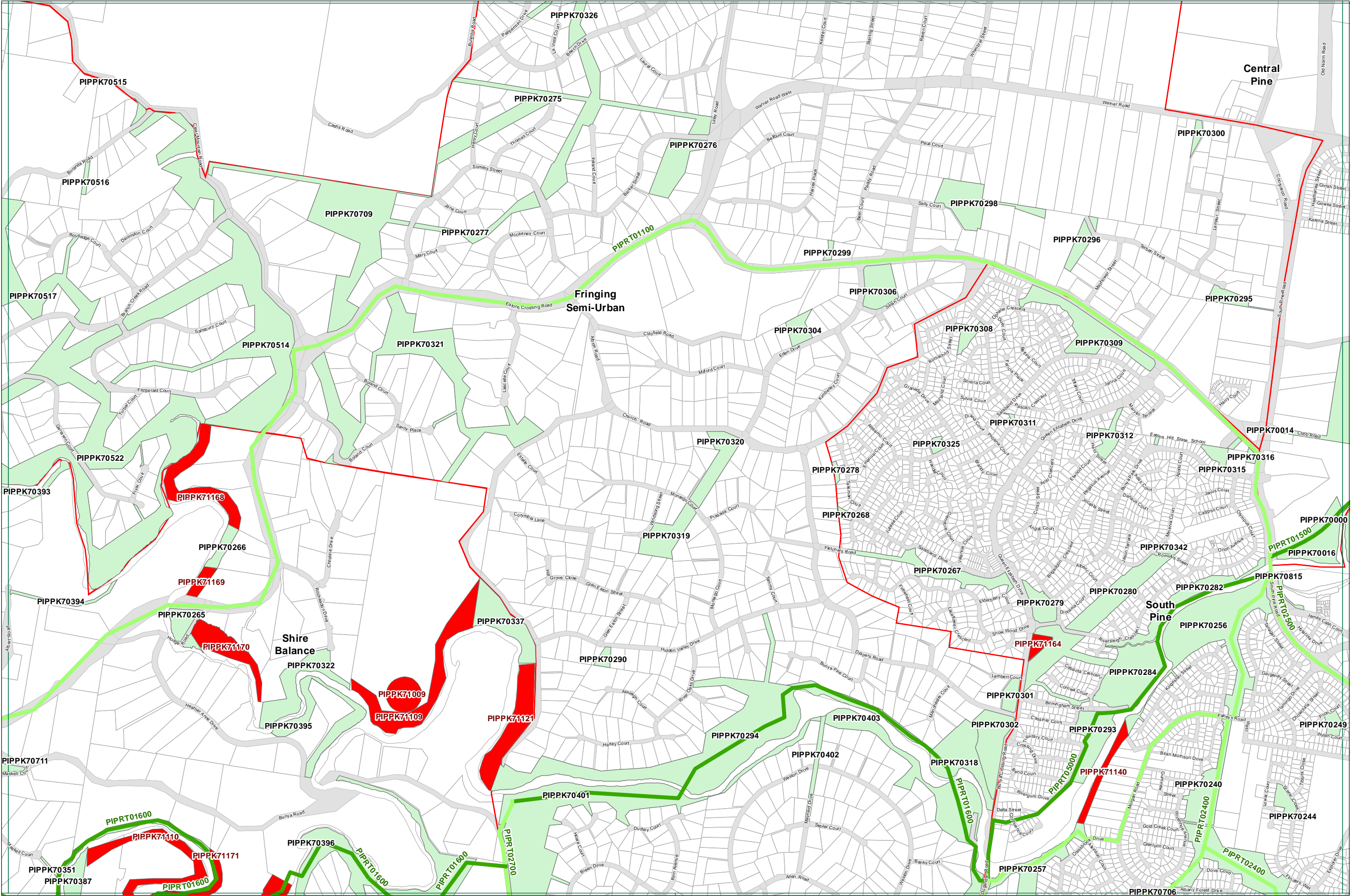






**MORETON BAY REGIONAL COUNCIL**  
**Pine Rivers District**  
**OPEN SPACE NETWORK PLAN**  
**FOR TRUNK INFRASTRUCTURE**  
**Map Number 15.7**





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N

Future & Existing Rec Trails

District

Shire

Existing Parks

Future Parks

Parks Catchments

Shire Boundary

|      |       |       |
|------|-------|-------|
| 13.7 | 13.9  | 13.11 |
| 15.7 | 15.9  | 15.11 |
| 17.8 | 17.10 |       |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

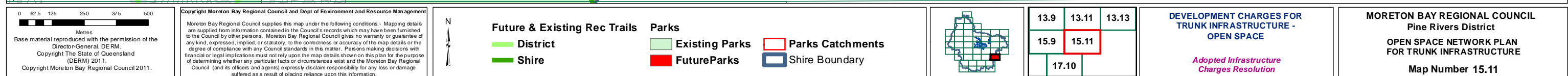
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL Pine Rivers District

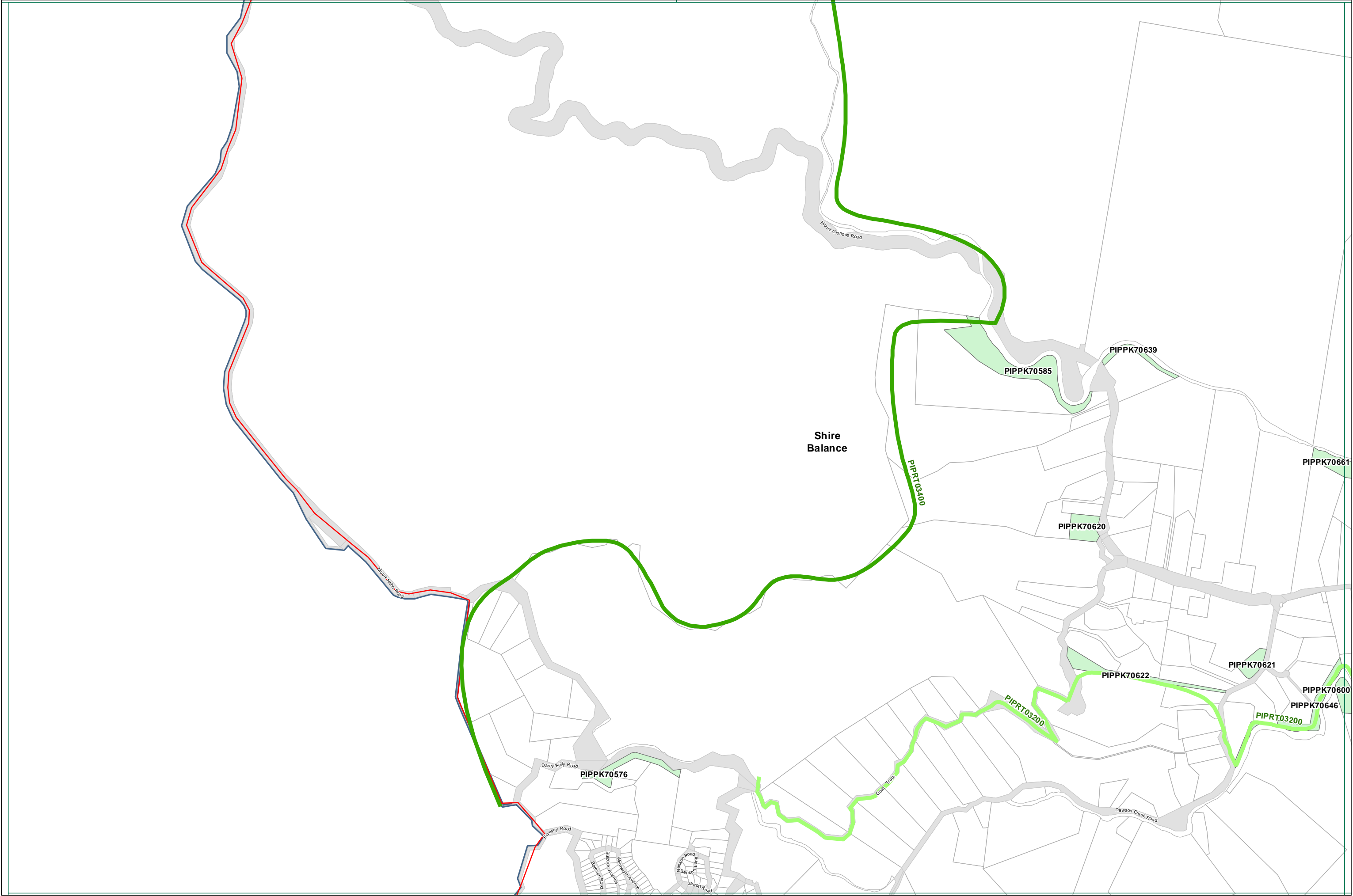
OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 15.9









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N

Future & Existing Rec Trails

District

Shire

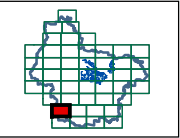
Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary



|      |      |
|------|------|
| 15.3 | 15.5 |
| 17.4 | 17.6 |
| 19.4 | 19.6 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

Adopted Infrastructure Charges Resolution

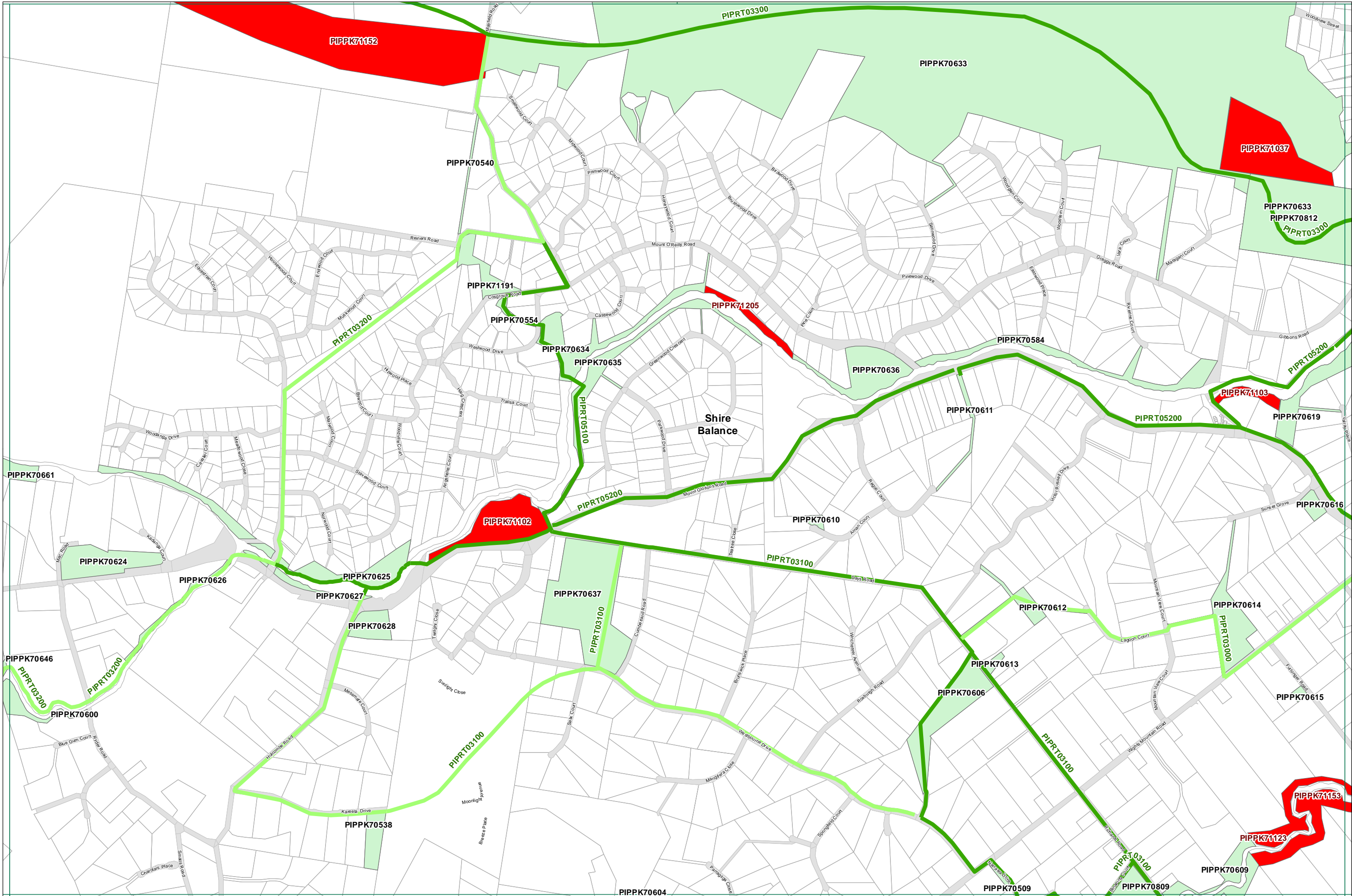
MORETON BAY REGIONAL COUNCIL

Pine Rivers District

OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE

Map Number 17.4





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**Future & Existing Rec Trails**

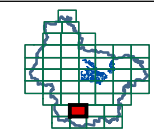
- District
- Shire

**Parks**

- Existing Parks
- Future Parks

**Parks Catchments**

- Shire Boundary



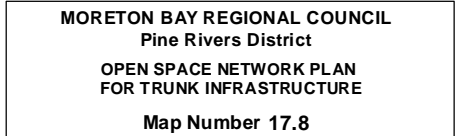
|      |      |
|------|------|
| 15.5 | 15.7 |
| 17.4 | 17.6 |
| 19.4 | 19.6 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE**

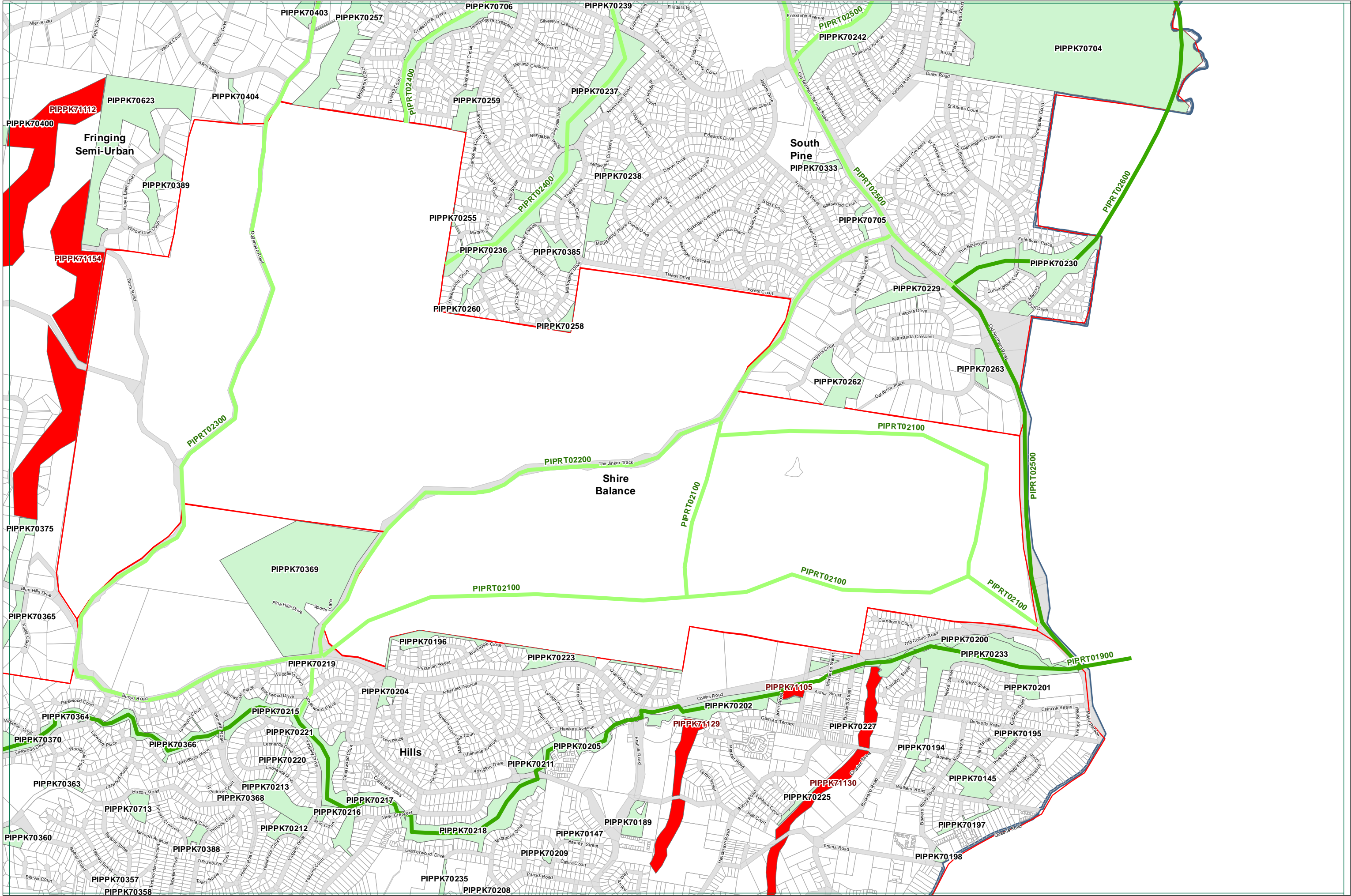
*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 17.6









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N

Future & Existing Rec Trails

District

Shire

Parks

Existing Parks

Future Parks

Parks Catchments

Shire Boundary

|      |       |
|------|-------|
| 15.9 | 15.11 |
| 17.8 | 17.10 |
| 19.8 | 19.10 |

DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE

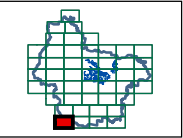
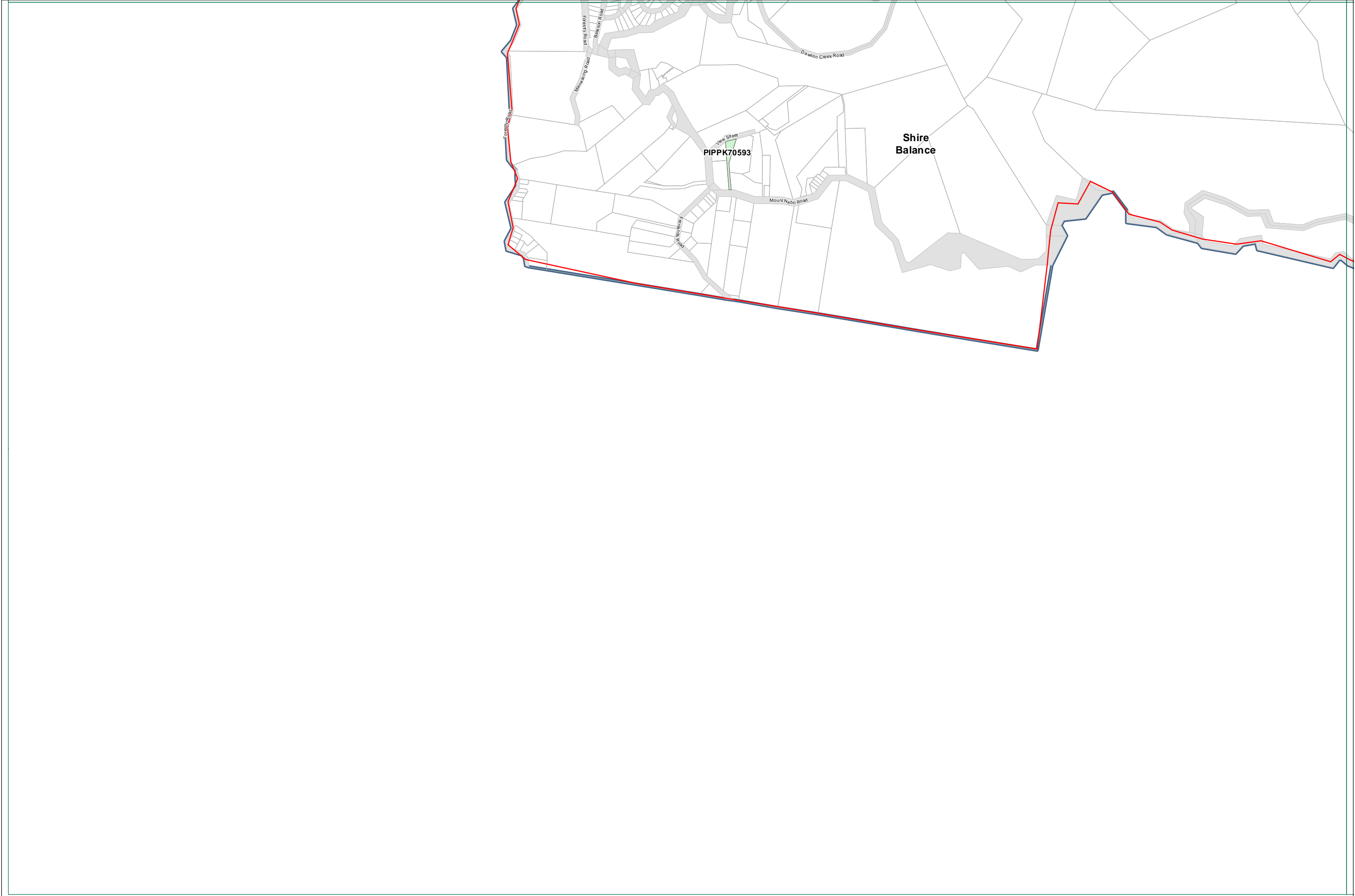
Adopted Infrastructure Charges Resolution

MORETON BAY REGIONAL COUNCIL Pine Rivers District

OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE

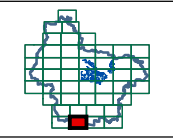
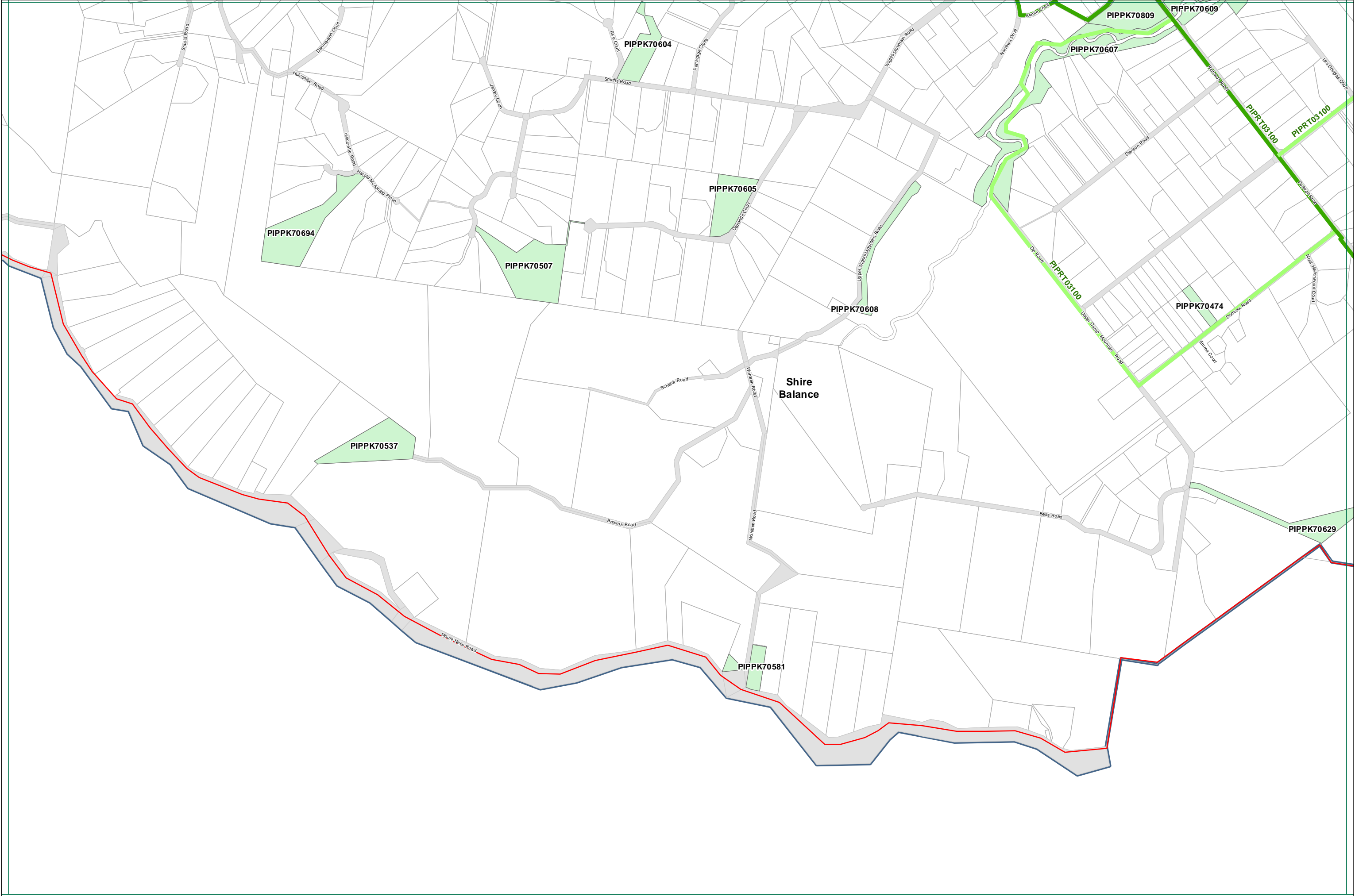
Map Number 17.10





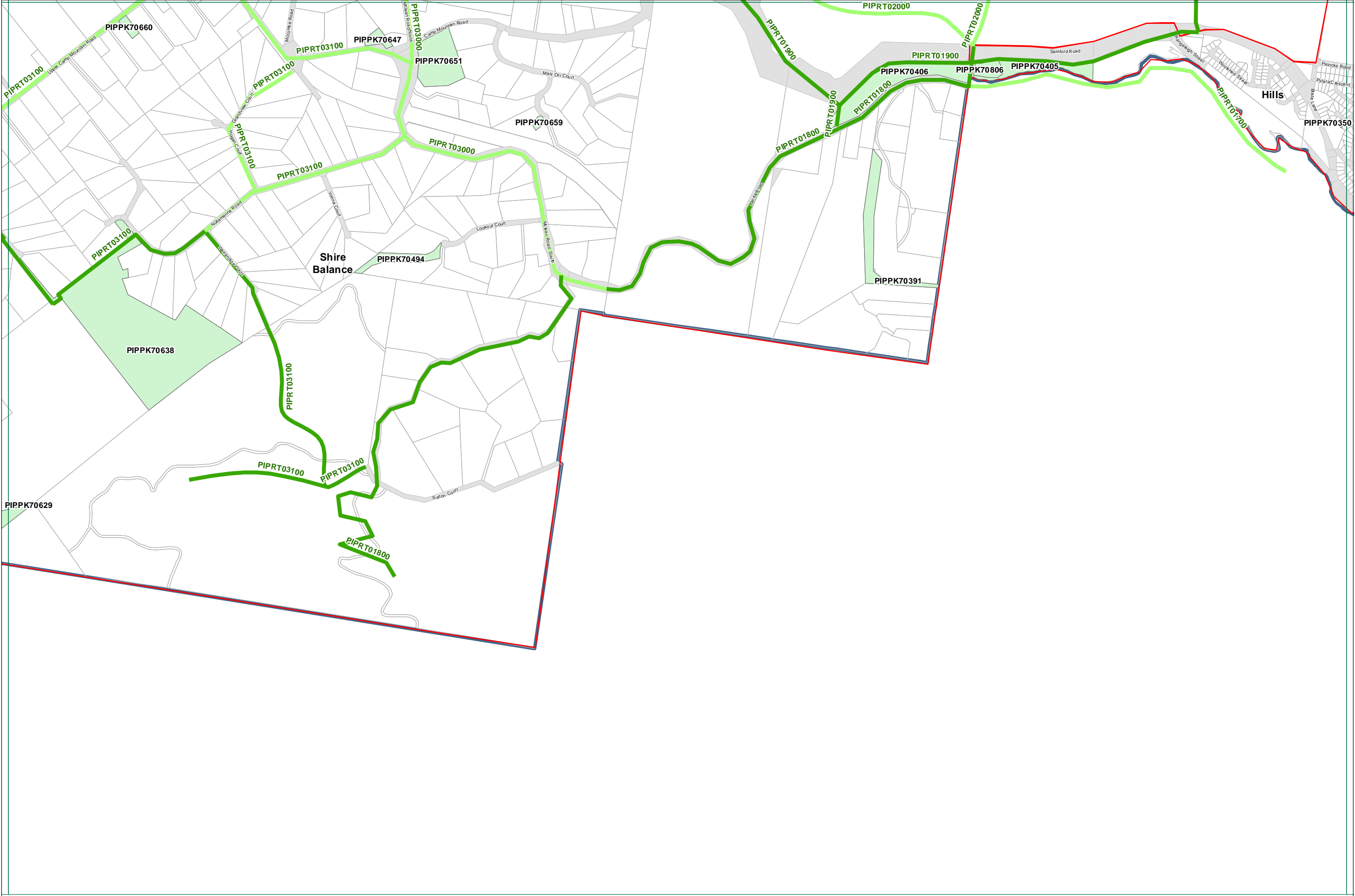
|      |      |
|------|------|
| 17.4 | 17.6 |
| 19.4 | 19.6 |






|      |      |      |
|------|------|------|
| 17.4 | 17.6 | 17.8 |
| 19.4 | 19.6 | 19.8 |







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

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**Future & Existing Rec Trails**

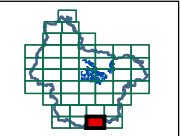
-  District
-  Shire

**Parks**

-  Existing Parks
-  Future Parks

**Parks Catchments**

-  Parks Catchments
-  Shire Boundary



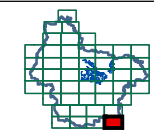
|      |      |       |
|------|------|-------|
| 17.6 | 17.8 | 17.10 |
| 19.6 | 19.8 | 19.10 |

**DEVELOPMENT CHARGES FOR TRUNK INFRASTRUCTURE - OPEN SPACE**

*Adopted Infrastructure Charges Resolution*

**MORETON BAY REGIONAL COUNCIL**  
Pine Rivers District  
**OPEN SPACE NETWORK PLAN FOR TRUNK INFRASTRUCTURE**  
Map Number 19.8





|      |       |
|------|-------|
| 17.8 | 17.10 |
| 19.8 | 19.10 |