

# Town Entry Street Tree Planting Strategy

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### **ACKNOWLEDGMENT OF COUNTRY**

*We would like to acknowledge the traditional owners and custodians of this country and their continuing connection to the land through their long, rich culture, spiritual and community connections in the Shoalhaven area.*

*This is evident in the stories, ceremonies, natural landmarks, and sacred objects embedded in the region's landscapes and waterways. We will travel thoughtfully and respectfully, remembering the footsteps of the ancestors who walked this land before us. We pay respects to Elders past, present and future.*

## 1. Purpose

The Town Entry Street Tree Planting Strategy provides a framework to guide the programmed planting of street trees at the entrance to towns and villages throughout the City of Shoalhaven.

Prior to any new planting Community Consultative Bodies (CCB's), affected residents and Council Officers will be invited to participate in a consultative process to ensure that the work is compatible with the vision for the enhancement of all towns and villages throughout Shoalhaven.

## 2. Application of this policy

This Policy applies to all land SCC owns and/or manages including:

- road reserves of which SCC is the Roads Authority
- crown reserves of which SCC is the manager.

This Policy does not apply to NSW State or Commonwealth managed lands or to Crown lands to which SCC is not the manager.

The policy applies only to employees of SCC or those engaged to act on behalf of SCC.

The policy is limited to the loose horticultural definition of 'tree', Arboriculture Australia states;

*“There is no precise definition of what a tree is, but typically a tree is defined as a large plant, usually with a single stem or trunk (but not always), that is mainly made up of wood and continues to grow in girth as it ages....”*

SCC Tree Management Policy – Public Land D21/51, describes a tree as;

*“A long-lived perennial plant, with woody or fibrous, single or multi trunked (with relatively few stems), that has a potential mature height of 5 metres, a canopy spread of 5 metres or trunk diameter of 200mm or more.”*

## 3. Aims

- Provide a methodology and plan to ensure that the appropriate tree species is placed in the appropriate town entry location.
- Provide a strategy for programming and prioritising town entry tree planting.
- Preserve and enhance the existing character of Shoalhaven's towns and villages through tree selection and planting.
- Provide an effective tree canopy at the entrance to towns and villages which is visually appealing, provides summer shade and winter sun by incorporating evergreen or deciduous trees as appropriate.
- Aid in traffic calming, by locating the tree planting zones within the reduced speed limit areas at town entryways the safety for pedestrians and drivers is enhanced.

- Provide technical guidelines and Australian Standards for tree stock and planting.

### 4. Desired Outcomes

- The creation of a welcoming and safe town entries for our residents and visitors.
- A community which is proud of the entrance to their town.
- Add to the SCC tree database with street trees which provide long, safe, useful life expectancy (SULE) at the entrance to all towns and villages.

### 5. Scope

Each town, village and link road present a unique opportunity for landscaping with the planting zones typically located where a change in speed limit is sign posted at a towns entrance.

The Street Tree Plans in *Appendix 2* suggest the length and positioning of the street tree planting zone.

Although an avenue effect is highly desired, overhead powerlines will limit the ability to have trees >3-4m mature height being planted within the service corridor of Endeavour Energy (EE) assets. Overhead power lines are managed by EE under the Electricity Supply Act 1995, as amended by the Energy Legislation Amendment Act 2021. In selection and placement of trees in the zone of influence under or near EE overhead wires SCC will identify ways to mitigate potential impacts.

Safety by Design and Crime Prevention through Environmental Design (CPTED) principles shall be implemented and considered in the species selection and landscape design to ensure safe movement of pedestrians and good sight lines for motorists.

Note: As per the SCC Tree Management Policy- Public Land D21/51, the existence of an advertising sign will not prevent the planting of trees on public land. In some circumstances, if in the public interest, trees species may be selected in consideration of their height and shape to allow view corridors for appropriate signage.

#### 5.1. Planting zones for town entryway tree planting

The planting zone or length of street tree planting is variable as each town has a unique streetscape and entrance but typically will extend between 70-100m.

The footprint of each proposed planting area considerations;

- The town entryway planting typically commences at the point where traffic speed is reduced to 50kph at the entrance to each town extending for a and appropriate length up to 100m,

- Tree spacing within the planting zone shall vary between 7-10m spacing on both sides of the road reserve, with appropriate setback from road edge, driveways, light poles, signs and other large infrastructure which may obstruct sight lines.
- Where benefits of traffic-calming and safety measures can be integrated into planting and signage,
- Where Village entry signage and associated landscaping is proposed.

The annual planting programme is guided by the attached maps and tree species list. ([Appendix 1: Priorities for the sequencing of entryway planting](#)). And ([Appendix 2: Base plans](#)),

## 6. Tree Species Selection

A species list is included as a guide on each of the Street Tree Plans.

Mature trees that are grown with a single straight trunk provide good site lines for both vehicular and pedestrian traffic as well as conforming to CPET design principles. This is a priority for planting alongside roads and pathways.

A range of native and exotic, evergreen and deciduous tree species have been incorporated to ensure the best possible outcome given site constraints such as environmental factors, ongoing maintenance, site lines and above/underground services.

### 6.1. Australian native tree species and exotic tree species comparison:

- 1) Advantage - Australian native tree (indigenous & endemic species)
  - Greater resilience to changes in local environmental conditions, which also assists in lowering horticultural upkeep by lowering demand for ongoing water and nutrients, insect attack and prevalence of disease.
  - Tolerance to east coast seasonal weather patterns such as the effects of El Niño, La Niña and East Coast Lows.
  - Lower fertilizer requirements result in reduced nutrient loads entering the groundwater from leaf drop and fertiliser runoff.
  - Reduced impact of invading nearby bushland by unwanted seed spread.
  - Greater potential for enhancing wildlife corridors and biodiversity.
- 2) Disadvantages of native trees for entryway treatments
  - No clear distinction or change in landscape when used in towns with surrounding bushland. Note: this may be also perceived as an advantage.
  - Not all native species have a long Safe Useful Life Expectancy (SULE) when compared to some exotic species. Care in selection must be aimed at a long-lived asset for Shoalhaven City Council.

- Super advanced trees are difficult to obtain in a wide variety of species.
- 3) Advantages of exotic species for entryway treatments
  - Deciduous trees provide summer shade and allow winter sunlight through.
  - Seasonal variation of colour, flower and branch tracery.
  - Generally long SULE.
  - Super advanced trees cope better with transplanting than native trees.
- 4) Disadvantages of exotic species for entryway treatments
  - Climate warming, unseasonal weather events can impact tree lifespan.
  - Potential for seed spread and invasion into local gardens and bushland.

## 7. Specifications for tree stock and placement:

It is recommended to plant advanced nursery grown stock (minimum 75lt). Stock of this size has received formative pruning appropriate for street tree planting. Mature trees provide an instant streetscape when installed, save several years of intensive horticultural maintenance by Council's staff and in general are found to be less prone to vandalism and failure to thrive than less mature plant stock.

Requirements for tree selection:

- 75lt pot size x 1.5m height nursery stock shaped to form a single straight trunk. Average trunk diameter thickness approximately 30-40mm, 1200-1500mm in height with lower branches trimmed back and no blemishes or bifurcated to trunk.
- Root growth well established and not pot bound, with
- Potted or bagged rootball size 510(H) x 510(W) mm – 600(H) x 550(W) mm
- Trees must be grown to Natspec specifications from a reputable supplier of mature trees with certification supplied at time of ordering.
- AS 4373-2007 (reconfirmed 2020) Pruning of Amenity Trees.
- AS 2303 /Natspec Specifying Trees – A guide to assessment of tree quality. Ross Clark
- AS2303-2018 Tree stock for Landscape Use
- AS4419 – 2018 Soils for Landscaping and Garden Use.

## 8. Implementation

The City Services Group have responsibility for the implementation of the Town Entry Street Tree Planting Strategy in consultation with other relevant Council Groups.

### 8.1. Programming and prioritising work

It is important when prioritising towns for street tree planting that the choices be made equitably across the City. Further considerations in tree planting prioritising are SCC Capital Works program and the Delivery Program Operational Plan (DPOP), positive community engagement and restoration programs following natural disasters such as fire and flooding.

Available budgets and other sources of ongoing funding for street tree planting and town entryway tree planting allows for a steady rollout across the Shoalhaven City.

The Town Entry Street Tree Planting program will integrate with other Council winter tree planting programs. City Services are responsible for the collaboration with the Tree Management officers and City Futures to achieve the agreed planting goals.

See ([Appendix 1: Priorities for the sequencing of entryway planting](#)).

*Note: 'towns' can be interchanged with the word villages and/or connection corridors.*

High priority = 2024-2026

- Towns which have little or no tree cover in their main entry streets.
- Towns which are undergoing further major landscape revitalisation in the public domain.
- Towns which have active community willing to participating in this project.

Medium priority = 2024-2030

- Towns which have incomplete, irregular or unmatched trees along the entrance.
- Towns which require infill planting to complete an avenue of existing trees.
- Towns which are short listed for upgrade to bundling of services by Endeavour Energy or Shoalwater.
- Towns which can benefit from combining traffic management and streetscaping at the entrance to increase pedestrian and driver safety.

Low priority = 2024-2032

- Towns which have an existing streetscape which is failing to achieve the objectives of this strategy.
- Towns which have remnant bushland up to the main entry road verges and wish to maintain the existing character.
- Towns which have limited room for entry planting.

## 9. Record keeping for environmental reporting

City Services shall continue collaboration with other SCC departments to ensure information regarding tree planting is collated and passed on to the Tree Management Team. This will ensure that records are kept as evidence of the number of trees planted in the City of Shoalhaven on an annual basis. This information is frequently required for environmental reporting to external agencies.

## 10. Relationship to Other SCC Policy, Procedure & Process

This strategy should be read in conjunction with the following policies, guidelines and Australian Standards.

- Streetscape Technical Manual (Revision2) File:1033E
- Shoalhaven Species List 2008\* File 4538-03
- SCC Tree Management Policy ~ Public Land POL21/21 Draft
- SCC Streetscape Technical Manual (File 1033E)
- SCC Shoalwater codes of practice for planting near or over underground infrastructure
- Endeavour Energy codes of practice for overhead powerlines and underground assets.
- “Grow Me Instead” a Shoalhaven City Council endorsed booklet with detailed information on planting alternatives to avoid spread of invasive garden weeds through incorrect choice.

\* **Shoalhaven Species List** For further reading on appropriate shrubs, grasses and trees for the City of Shoalhaven.

This extensive list provides a guide to the appropriate selection of trees, shrubs, groundcovers, grasses and climbers which are suited to the growing conditions of the Shoalhaven region. The species list is formatted into a chapter for each town and village. The information is available to assist Council staff, community members, design professionals and prospective developers. The Shoalhaven Species List is a guide to provide broad plant selection and information for gardens, public open space, streetscapes and rural properties, however, it is not intended to be a complete compendium of all appropriate plants.

## 11. Review

The City Futures Group will review this policy within one year of the election of every new Council.

## 12. Financial Implications

SCC will be responsible for the following;

- stakeholder communication,
- the purchase and installation of trees which form part of the Town Entry Street Tree Planting Strategy.

- The whole of life maintenance of these trees.



## **Appendix 1: Priorities for the sequencing of entryway planting**

### **High Priority** = to be undertaken 2024-2026

1. Berry Eastern (Princes Highway)
2. Greenwell Point - Complete
3. Culburra Beach - Complete
4. Ulladulla North – Complete\*
5. Ulladulla South - Complete\*
6. Mollymook - Complete
7. Kangaroo Valley (Eastern Entrance) - Complete
8. Shoalhaven Heads - Complete
9. Bomaderry / Bolong (partially complete 2017)
10. Bomaderry (entrance to town centre)
11. Bomaderry (Cambewarra Rd entrance)
12. Bomaderry (Meroo Rd entrance)
13. Nowra (Northern Entrance) - Complete
14. Nowra South\*
15. Conjola Park
16. Lake Conjola
17. Terara
18. Sanctuary Point

\*To be considered as part of Princes Highway upgrade = 2024 forward

### **Medium Priority** = to be undertaken 2024-2030

19. Burrill Lake – Complete
20. Sussex Inlet
21. Huskisson (Western Entrance) – partially complete
22. Huskisson / Vincentia Link – partially complete
23. Vincentia - Complete
24. Cambewarra (entrance) - Complete
25. Callala Bay - Complete
26. Callala Beach - Complete
27. Old Erowal Bay \*\*
28. Erowal Bay
29. St Georges Basin (partially complete)
30. Tomerong
31. Milton \*
32. Lake Tabourie
33. Wandandian\*
34. Hyams Beach

\*\*To be considered as part of future bypass = 2024 forward

**Low Priority** = to be undertaken 2024-2032

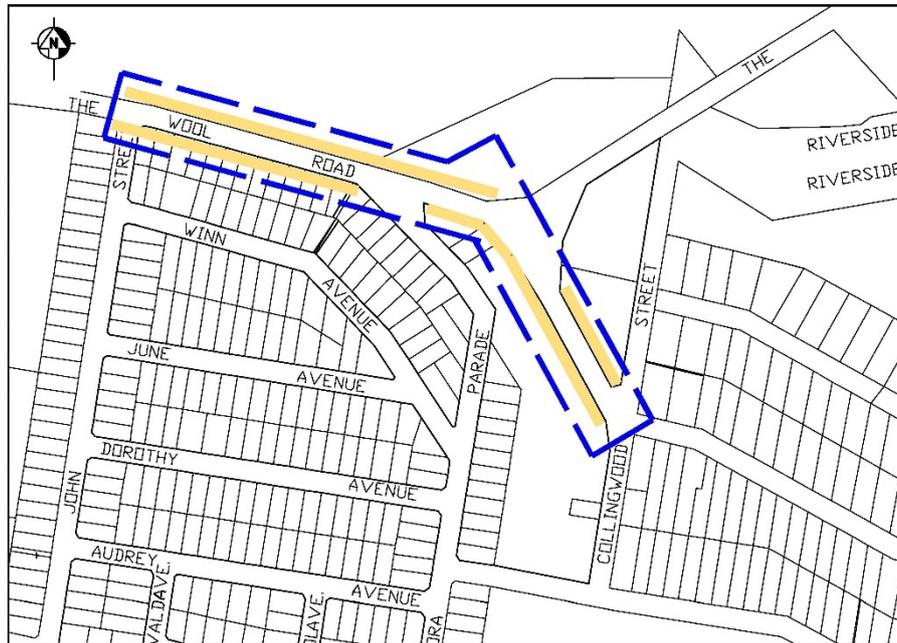
35. Orient Point
36. Bawley Point
37. Cudmirrah / Berrara
38. Manyana
39. Bendalong
40. Fisherman's Paradise
41. Kioloa - Complete
42. Dolphin Point\*
43. Kings Point
44. Narrawallee
45. Swanhaven
46. Basin View
47. Myola
48. Woollamia
49. Currarong – Complete
50. Nowra\*
51. Nowra / Worrigeer (link)\*
52. Kangaroo Valley (Northern Entrance)
53. Berry (western entry)

\*To be considered as part of Princes Highway upgrade = 2024 forward

Ulladulla North  
Ulladulla South  
Nowra South  
Nowra (Industrial Area)  
Milton South  
Milton North  
Wandandian  
Dolphin Point

## **Appendix 2: Town Entrance Strategy – Street Tree Plans**

## Basin View Entrance



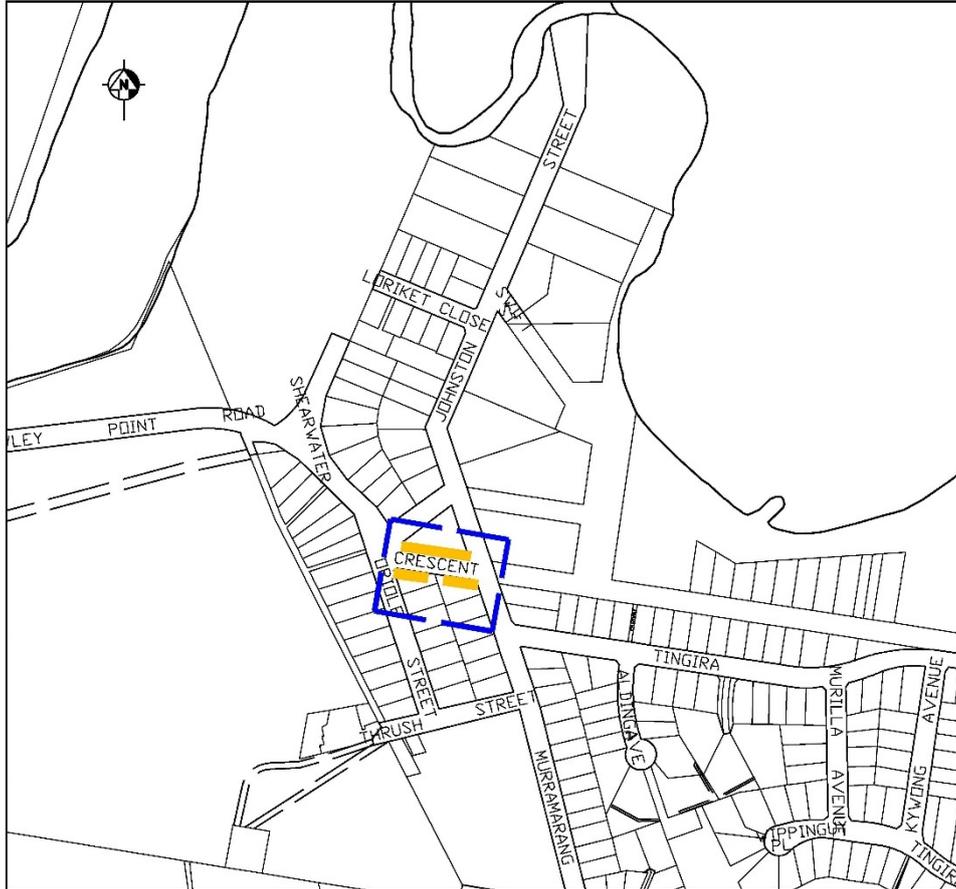
Entry Point from John Street to Collingwood Street

### Description:

-  *Glochidion fernandii* - *Cheese Tree* - *Cheese Tree* planted at 7 - 10m spacings & underpruned to 1.5m height.  
- plant 1 tree per domestic house block in built up areas.

- Alternatives:** *Syngium leuhmannii* - *Lily Pily*  
*Banksia serrata* - *Old Man Banksia*

## Bawley Point Entrance



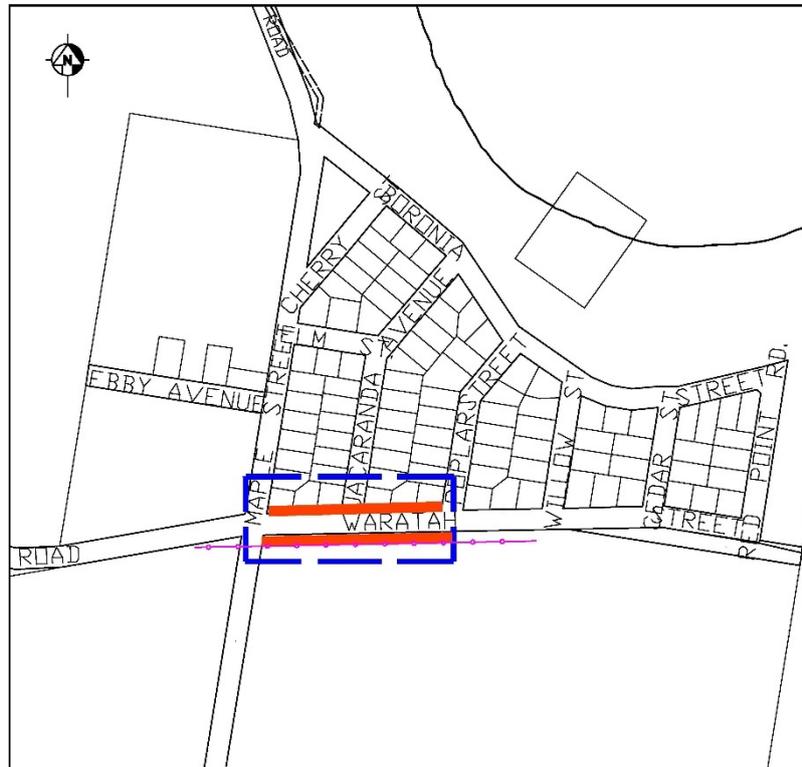
Entry Point from Oriole Street & Murramarang Road intersection to -

### Description:

 *Angophora floribunda* - *Rough Barked Apple*, planted at 12m spacings

**Alternatives:** *Acmena smithii* - *Lilly Pilly*  
*Glochideon fernandii* - *Cheese tree*  
*Hibiscus tiliaceus* - *Cottonwood*

## Bendalong Entrance



Entry Point from Maple Street to Popular Street

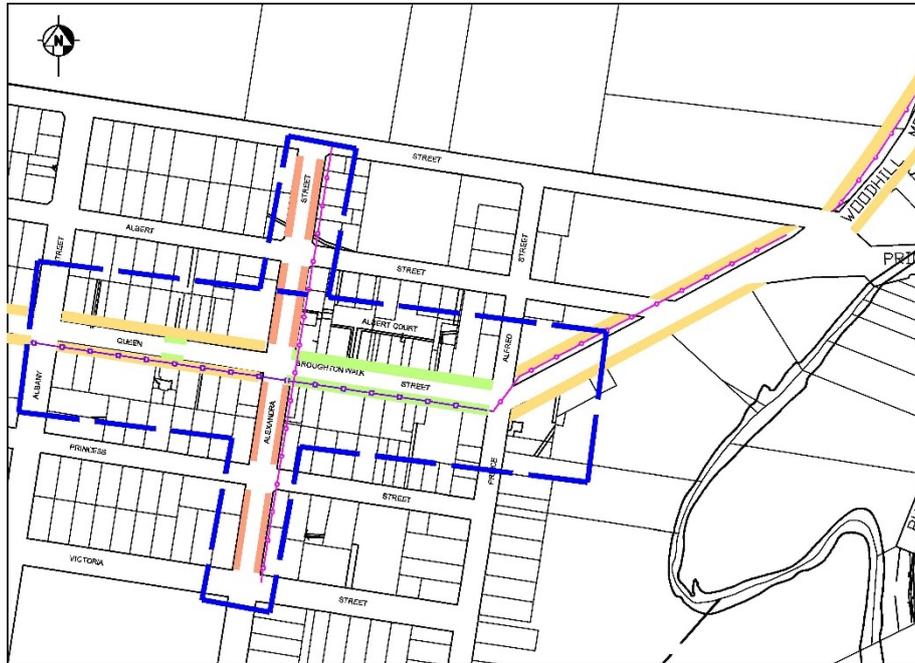
### Description:

-  Syzygium leuhmannii - *Small Leafed Lilly Pilly*, plant at 7-10m intervals
-  Overhead Power lines located on left hand side traveling east

### Alternatives:

- Acacia maidenii - plant at 7m intervals
- Hibiscus tiliaceus - *Cottonwood*, plant at 7m intervals
- Tristania 'Luscious' - plant at 7m intervals

## Berry Eastern Entrance (Princes Highway) Proposed Street Tree Planting



Entry Point from western side of Broughton Creek Bridge to Albany Street

### Description:

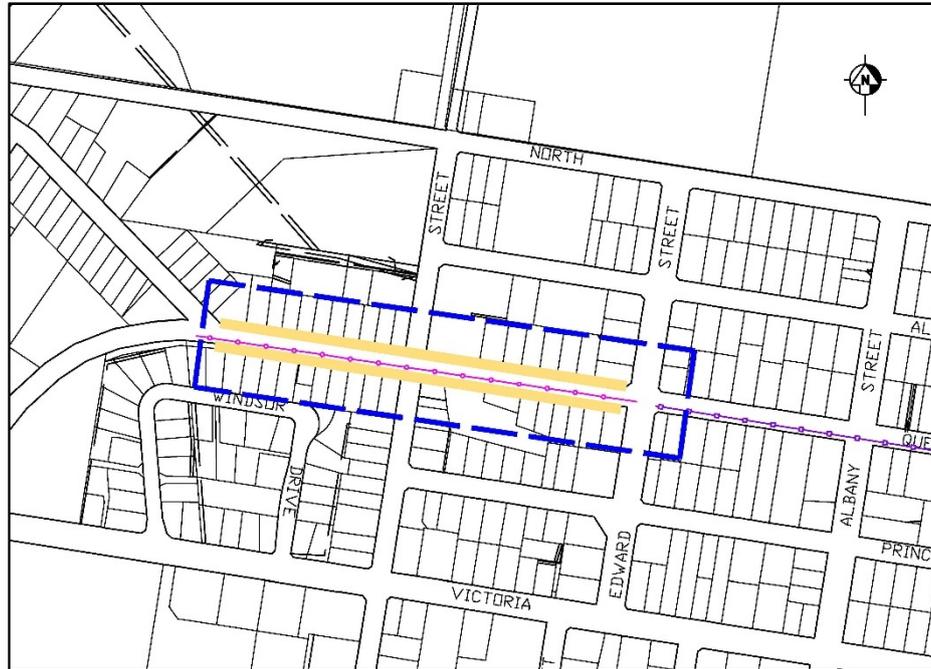
- Magnolia grandiflora 'Exmouth' to be planted where no above awnings
- Magnolia 'Little Gem' to be planted under awnings.

Note: Existing garden beds in Queen Street to be replanted with Japanese Box and Magnolias

- Liriodendron tulipifera
- Pyrus calleryana 'Redspire'
- Overhead Powerlines
- Overhead Powerlines (bundled)

**Alternatives:** Syzygium leuhmannii at 7m centres where no o'head wires are in situ

## Berry Western Entrance (Princes Highway)



Entry Point from western side of Broughton Creek Bridge to Albany Street

### Description:

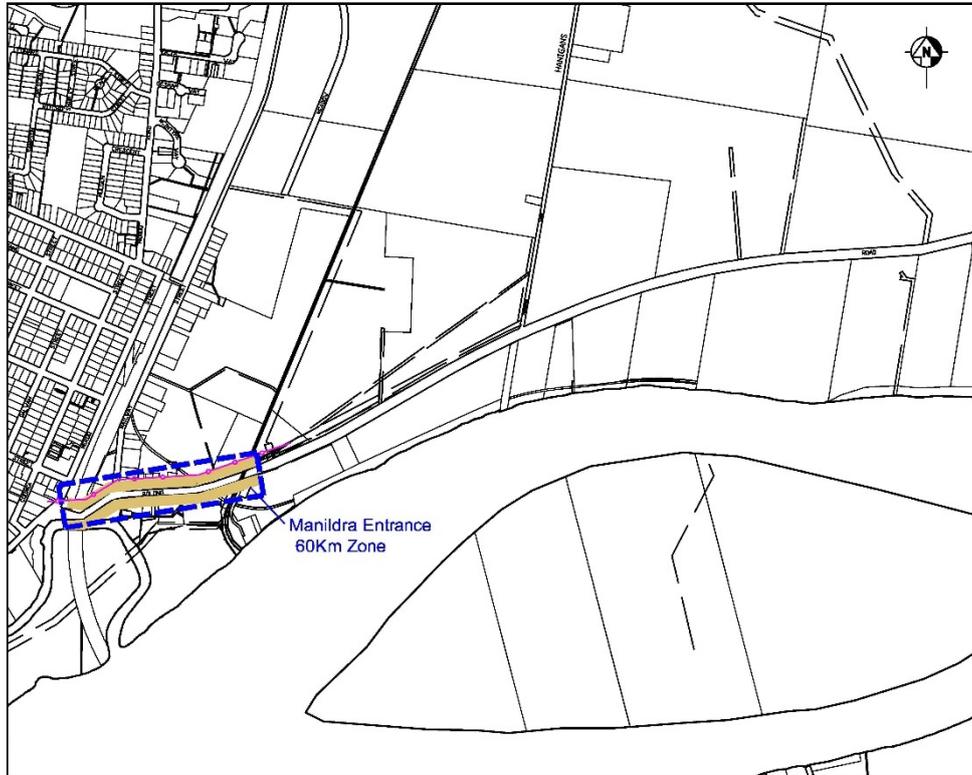
-  Liriodendron tulipifera - planted at 15m spacings where no o'head powerlines
-  Magnolia 'Little Gem' - planted at 7m spacings under o'head powerlines

-  Overhead Powerlines
-  Overhead Powerlines (bundled)

### Alternatives:

- Tristania laurina planted at 7m spacings
- Brachyciton acerifolius - planted at 10m spacings

## Bomaderry Bolong Road Entrance



From 60km zone adjacent to Manildra to Meroo/Bolong Intersection

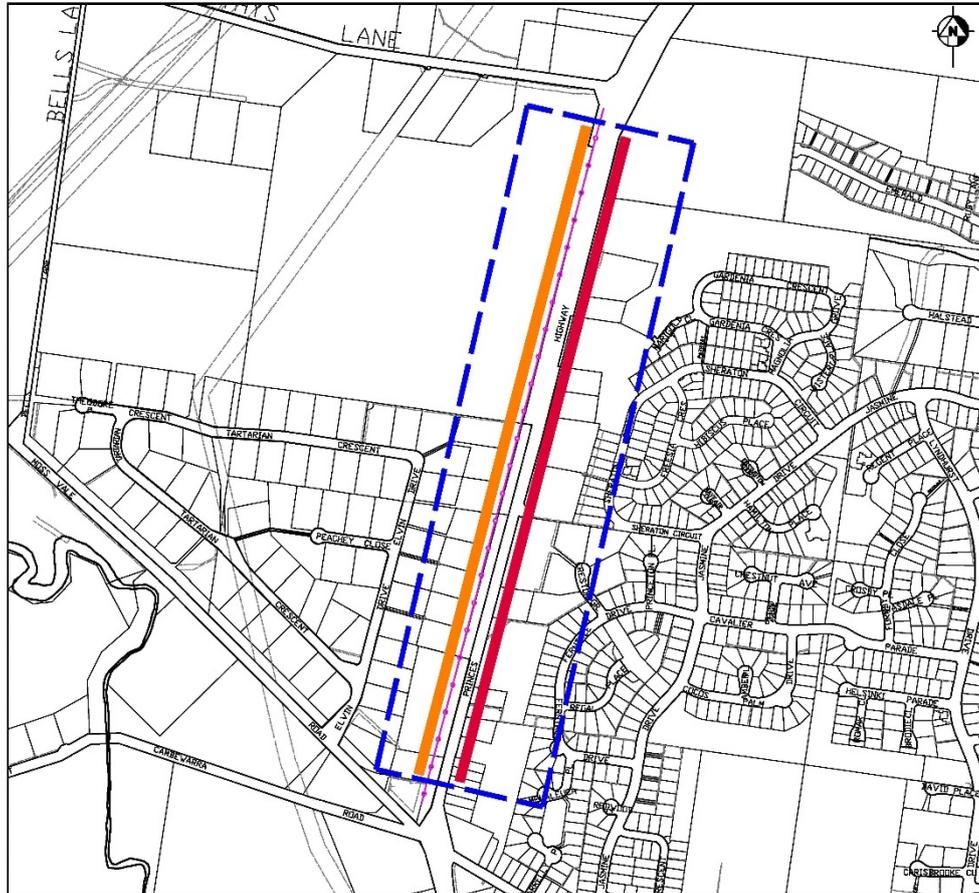
### Description:

-  Lophostemon confertus - Brushbox planted at 10m spaces
-  Corymbia 'Dwarf Red' under powerlines at 7m spaces.
-  Trees to be maintained to a single straight trunk to 1.5m before branching
-  Power lines on right hand side of road when travelling north/east

### Alternatives:

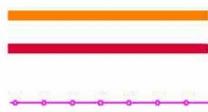
- Eucalyptus Summer Pink (Grafted) to be planted under power lines
- Elaeocarpus Ballerina to be planted at 7m centres under power lines
- Elaeocarpus reticulatus to be planted at 7-10m centres

## Bomaderry Entrance



Entry Point from 70kph sign to Cambewarra Road

### Description:

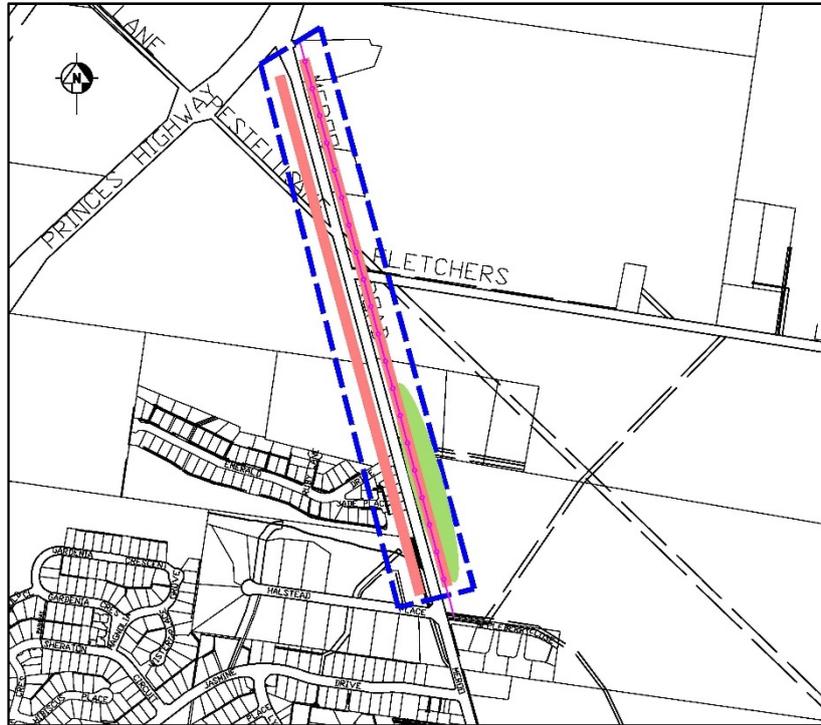


- Eucalyptus 'Summer Red', plant at 7m intervals under power lines
- Toona australis - Red Cedar, plant at 7m intervals on side with no power lines and in roundabouts
- Overhead Powerlines located on left hand side travelling north

### Alternatives:

- Tristania laurina - Watergum plant at 7m intervals under powerlines
- Meleuca decora - plant at 10m intervals with no powerlines overhead

## Bomaderry Meroo Road Entrance

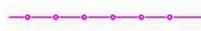


Entry Point from Emerald Drive to Appleberry Close

### Description:

 *Melaleuca decora* To be planted at 10m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching  
*Tristania laurina* planted under wires at 7m centres

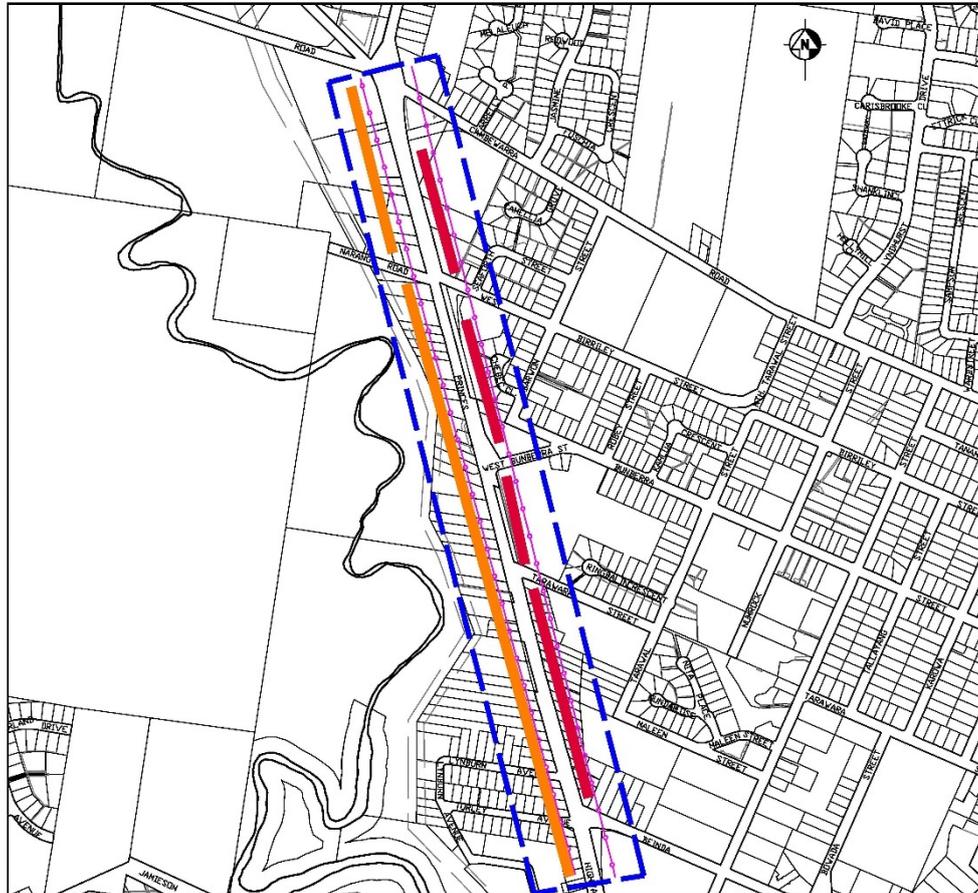
 Existing stand of trees

 Power lines on right hand side of road when travelling north/east

### Alternatives:

*Lagerstromia indica* - planted at 7m centres  
*Elaeocarpus reticulatus* - planted at 7-10m centres  
*Elaeocarpus Ballerina* - planted at 7m under power lines

## Bomaderry



Entry roundabout at Cambewarra Road to Beinda Street

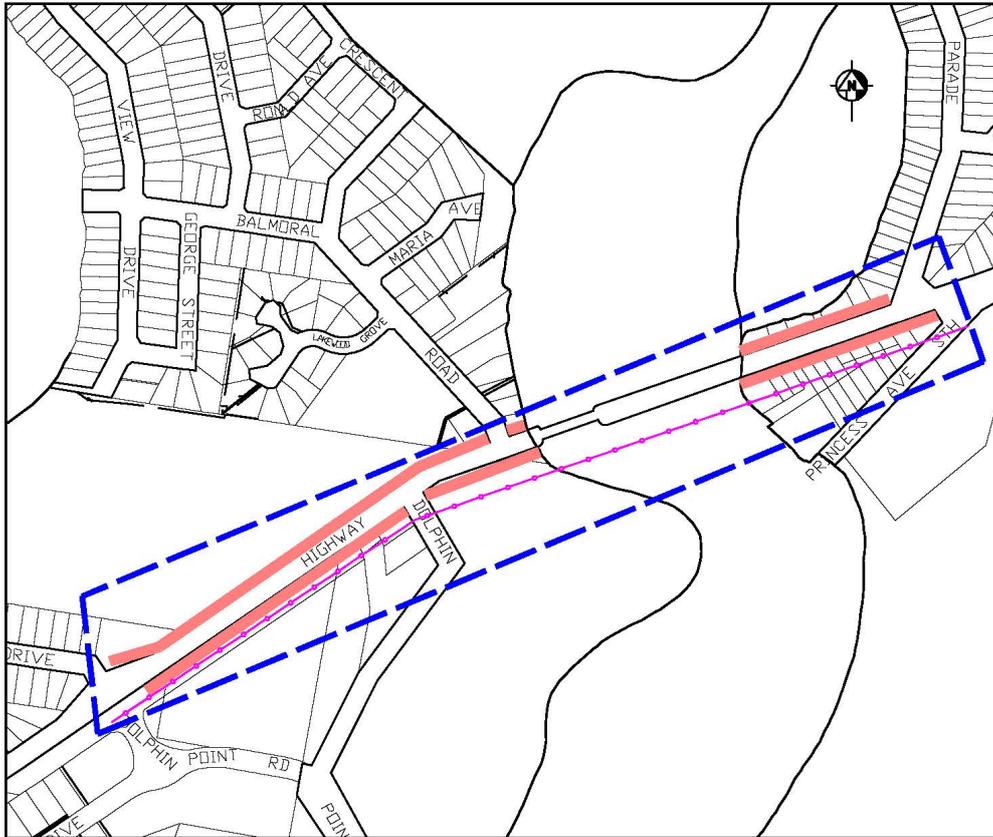
### Description:

-  Eucalyptus 'Summer Red' , plant at 7m intervals under power lines
-  *Toona australis* - *Red Cedar*, plant in roundabouts
-  *Melaleuca decora* - plant at 10m centres where no powerlines above
-  Overhead Powerlines located on left hand side travelling north

### Alternatives:

- Angophora floribunda* - *Rough barked apple*
- Callicoma serratifolia* - *Callicoma*
- Brachychiton acerifolius* - *Illawarra Flame*
- Melia azedarach* - *White Cedar*

### Burrill Lake Entrance (Princes Highway)



Entry Point from McDonald Parade to Wallaroy Drive

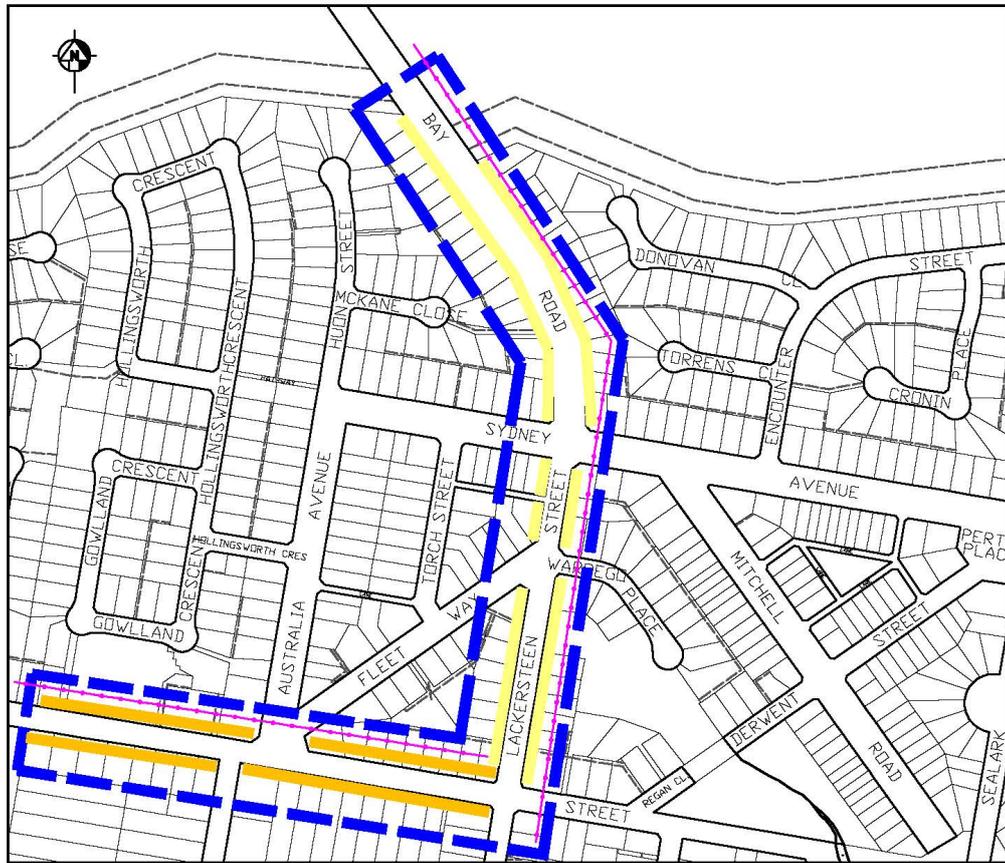
#### Description:

-  *Tristania laurina - Water Gum* to be planted at 7m centres in the centre of town
-  Power lines on right hand side of road when travelling north/east

#### Alternatives:

- Callistemon 'Hannah Ray'* to be planted at 7m centres
- Trees to be maintained to a single straight trunk to 1.5m before branching
- Melaleuca decora - Paperbark*
- Melaleuca quinquenervia* to be planted at 10m centres
- Trees to be maintained to a single straight trunk to 1.5m before branching

## Callala Bay Entrance



Entry Point from 50km speed sign to Emmett Street

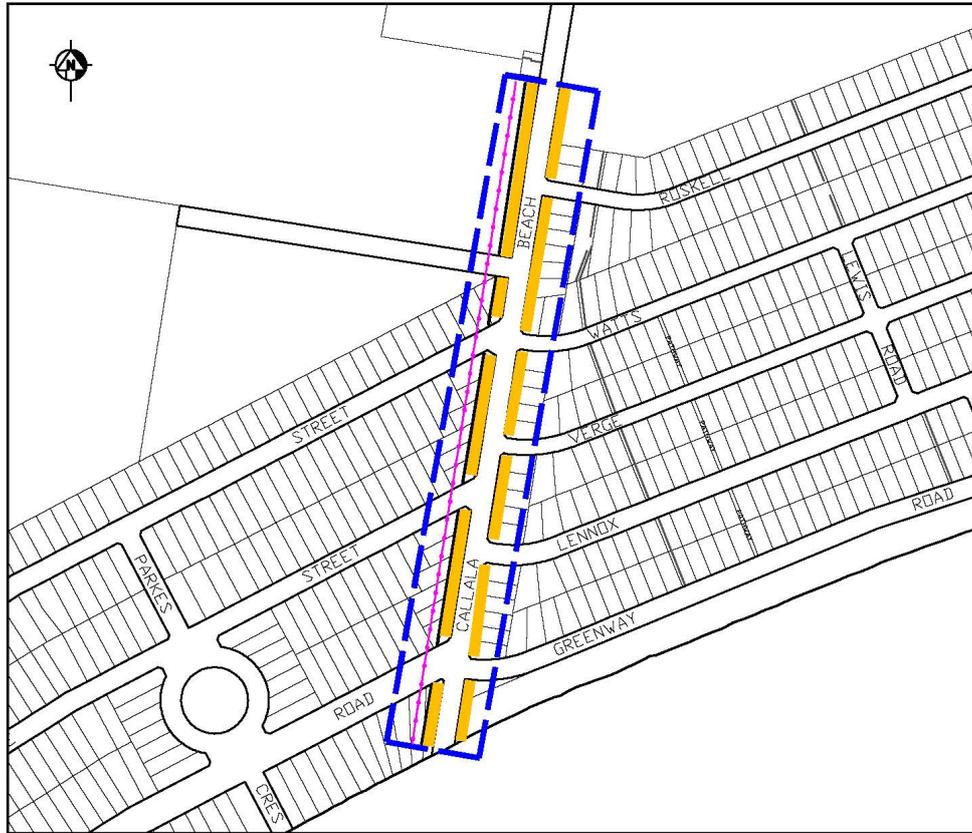
### Description:

- Xanthostemon chrysanthus* - Golden Pender , planted at 10m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching
- Eucalyptus - Summer Red*, to be planted at 7m centres under power lines
- Power lines over head

### Alternatives:

- Cupaniopsis anarcardioides* - *Tuckeroo*, planted at 10m centres
- Syzygium australe* 'Select Form' - planted at 10m centres
- Waterhousia floribunda* - planted at 10m centres

## Callala Beach Entrance



Entry Point from RSL Club to Quay Road

### Description:

-  *Tristania laurina* - *Water Gum*, to be planted at 7m centres  
Trees to be maintained to a solitary trunk to 1.5m before branching
-  Power lines over head

### Alternatives:

- Cupaniopsis anarcardioides* - *Tuckeroo*, to be planted at 10m centres
- Syzygium 'Hunchy'* - *Lilly Pilly*, to be planted at 7m centres
- Hibiscus tiliaceus* - *Cottonwood*, to be planted at 7m centres

## Cambewarra Entrance



From 50kph sign to bridge

### Description:

-  Lagerstroemia indica sp to be planted at 7m centres  
Trees to be maintained to a solitary trunk to 1.5m before branching  
Potential to extend Crab Apple planting to highway
-  Overhead Powerlines

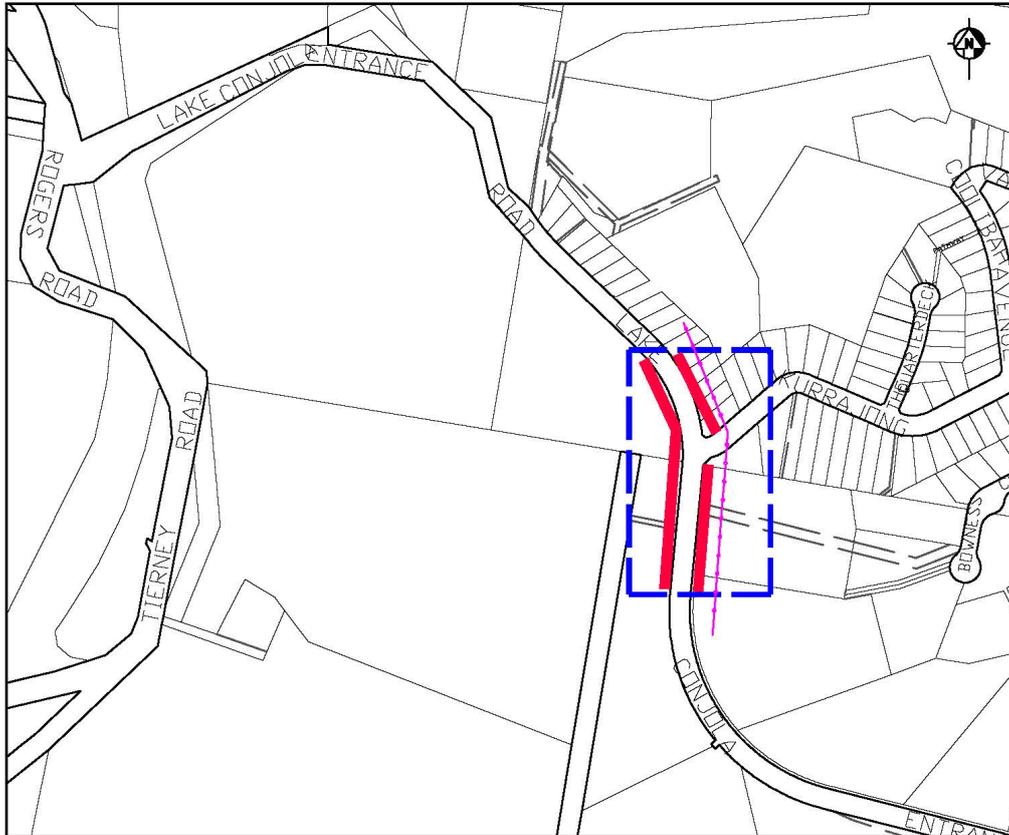
### Alternatives:

- Elaeocarpus reticulatus - *Ballerina*
- Toona australis - *Red Cedar*

### Notes:

- Retain existing coral trees and callistemon, provide infill planting in gaps
- Retain existing Crab Apples

## Conjola Park Entrance



Entry Point from 100m either side of Kurrajong Crescent

### Description:

-  Eucalyptus 'Summer Red', to be planted at 7m spacings.  
Trees to be maintained with a solitary trunk to 1m before branching
-  Overhead Powerlines

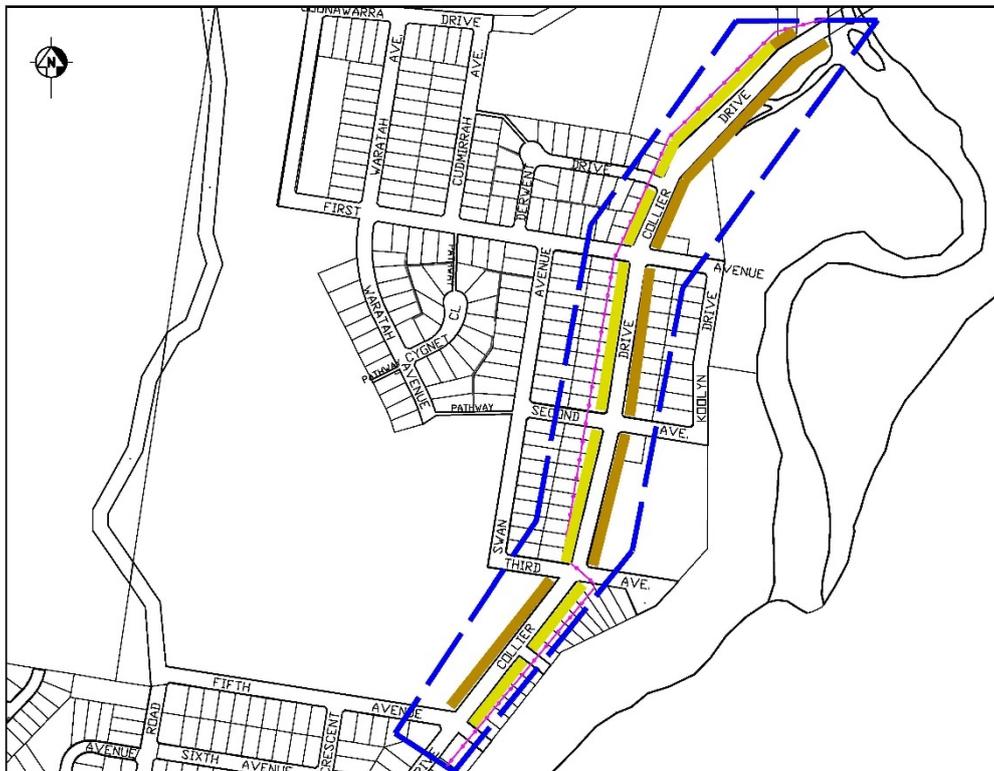
### Alternatives:

- Callistemon 'Harkness' to be planted at 7m spacings.
- Tristania laurina - *Water Gum* to be planted at 7m spacings.
- Angophora hispida - *Dwarfed Apple* plant at 7m spacings.

### Notes:

- Trees to be maintained with a solitary trunk to 1m before branching

## Cudmirrah / Berrara Link



Entry Point from Swan Lake Bridge to Pope Avenue

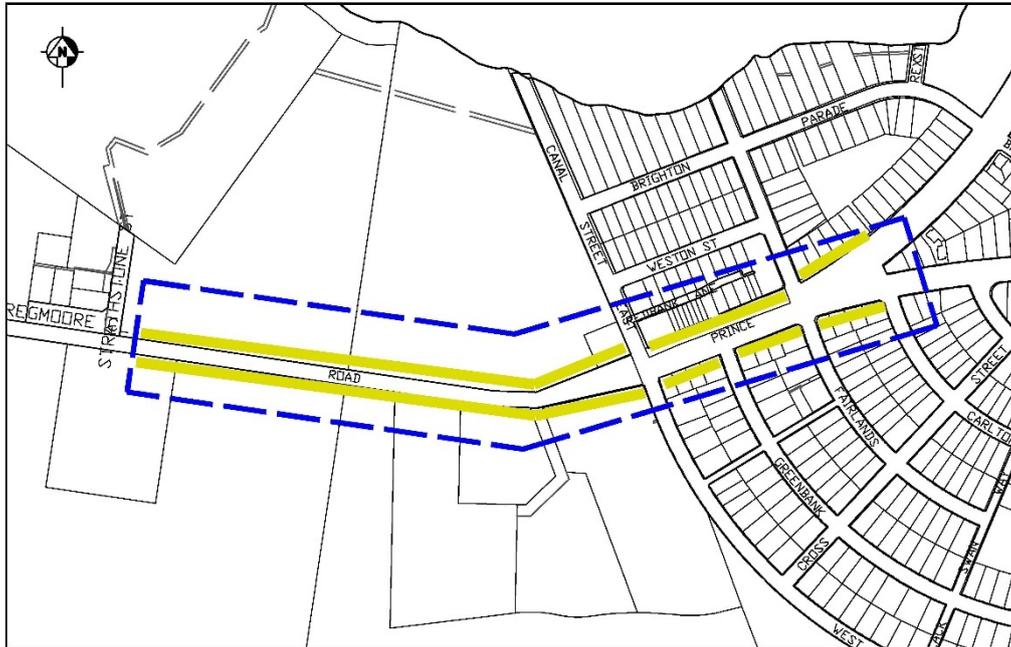
### Description:

-  Cupaniopsis anarcardiodes - *Tuckeroo*. Plant at 10m centres.  
Trees to be maintained to single straight trunk to 1.5m before branching.
-  Banksia integrifolia - *Coastal banksia*. To be planted at 7m centres.  
Trees to be maintained to a single straight trunk to 1.5m height before branching.
-  Overhead Powerlines

### Alternatives:

- Melaleuca stypheloides - *Prickly Leaf Paperbark*. Plant at 10m centres
- Tristania laurina ~ *Watergum*

## Culburra Beach Entrance



Entry Point from Strathstone Street to intersection of Edward Ave/Prince Lake Cct

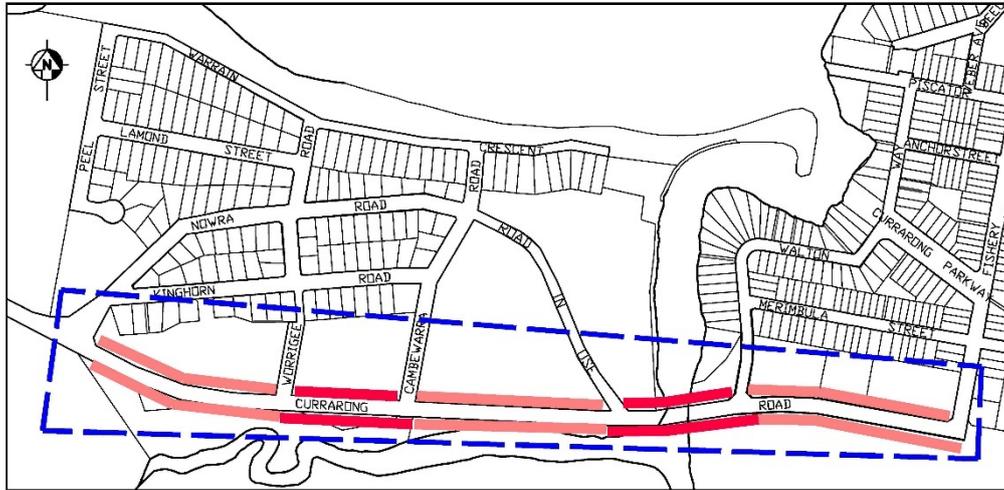
### Description:

-  *Tristania laurina* - *Watergum* Plant at 7m centres.  
Trees to be maintained to single straight trunk to 1.5m before branching.

### Alternatives:

- Melaleuca stypheloides* - *Prickly Leaf Paperbark*. To be planted at 7m centres.
- Angophora floribunda* - *Rough Barked Apple*, plant at 7m centres.

## Currarong Entrance



Entry Point from Nowra Road to Fire Station

### Description:

 *Corymbia - Baby Orange dwarf.*  
Trees to be maintained to single straight trunk to 1.5m before branching.

 *Acacia binervia - Myall acacia*  
Trees to be maintained to a single straight trunk to 1.5m height before branching.

### Alternatives:

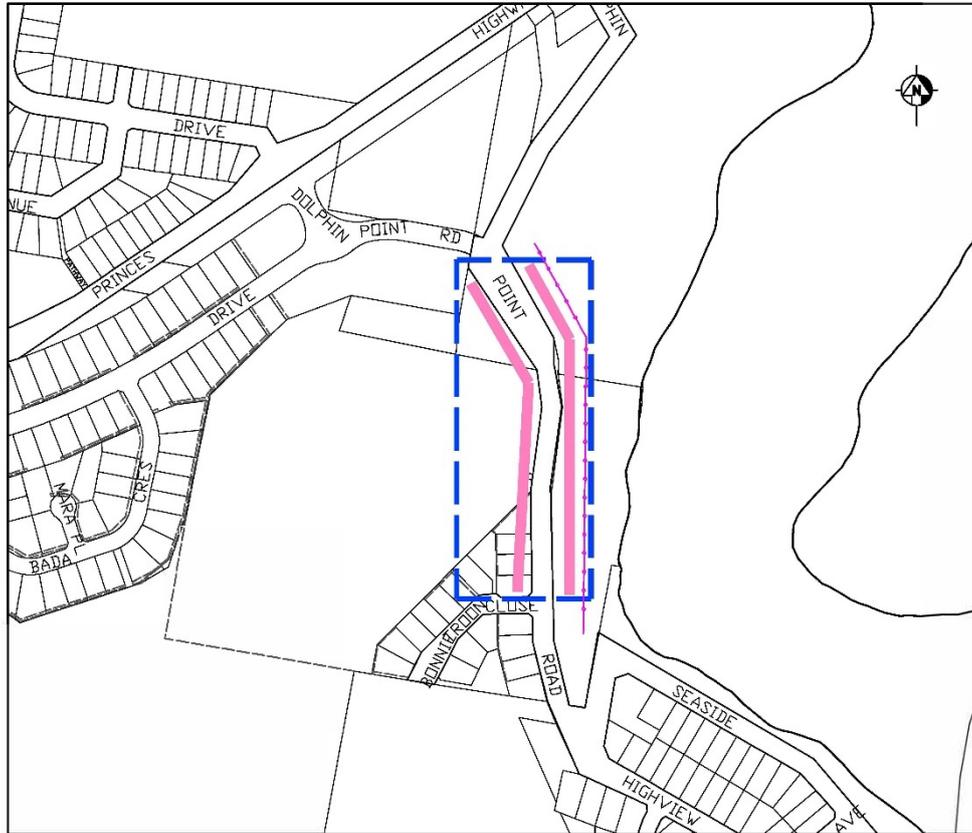
*Banksia serrata- Old Man Banksia*

*Melaleuca decora*

*Corymbia ficifolia - Red Flowering Gum.*

Trees to be maintained to a single straight trunk to 1.5m height before branching.

## Dolphin Point Entrance



Entry Point from Apex Park to Caravan Park

### Description:

 Banksia integrifolia - Coastal Banksia to be planted at 10m centres  
Tristania laurina to be planted under powerlines at 7m centres.

Trees to be maintained to a single straight trunk to 1.5m before branching

 Power lines on right hand side of road when travelling north/east

### Alternatives:

Waterhousia floribunda - To be planted at 8m centres

Angophora hispida - Dwarf Apple to be planted at 7m centres

## Erowal Bay Entrance



Entry Point from first house to King George Street

### Description:

 Syzygium 'Hunchy' - Planted at 7m centres  
Tristania laurina ~ Water Gum

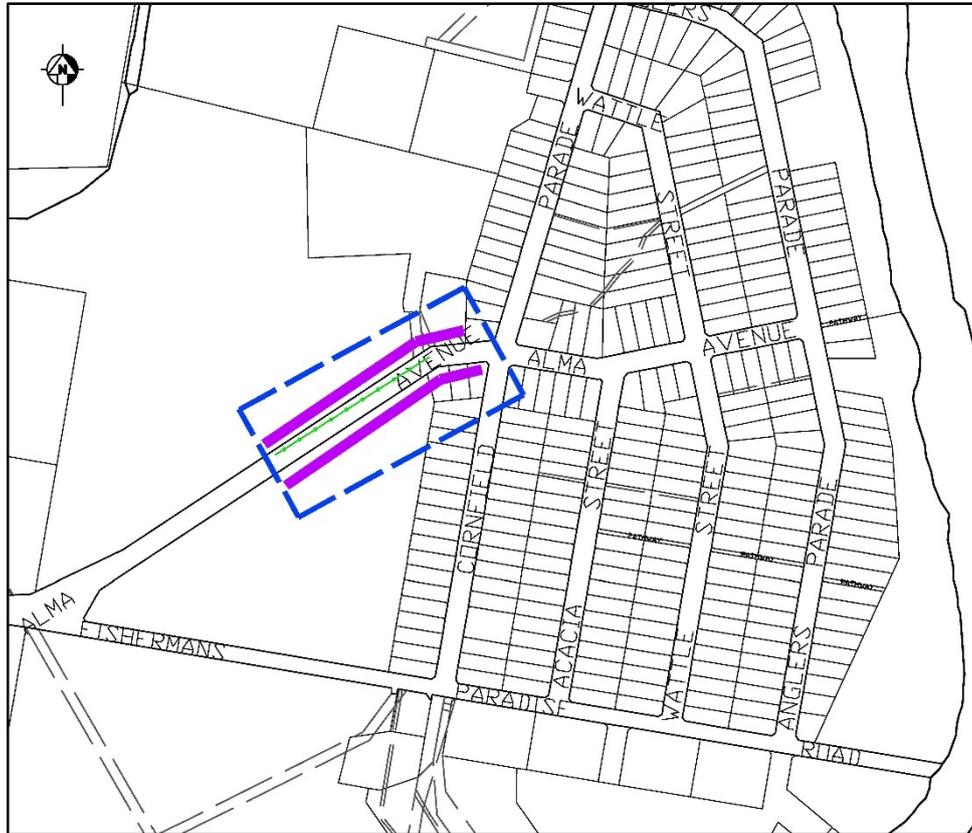
Trees to be maintained to a single straight trunk to 1.5m before branching

 Power lines on left hand side of road when travelling south on Naval Parade

### Alternatives:

Lagerstroemia indica - *Crepe Myrtle*  
Backhousia citriodora - *Lemon Scented Myrtle*

## Fishermans Paradise Entrance



Entry Point from 50km/hr speed sign to Cornfield Parade

### Description:

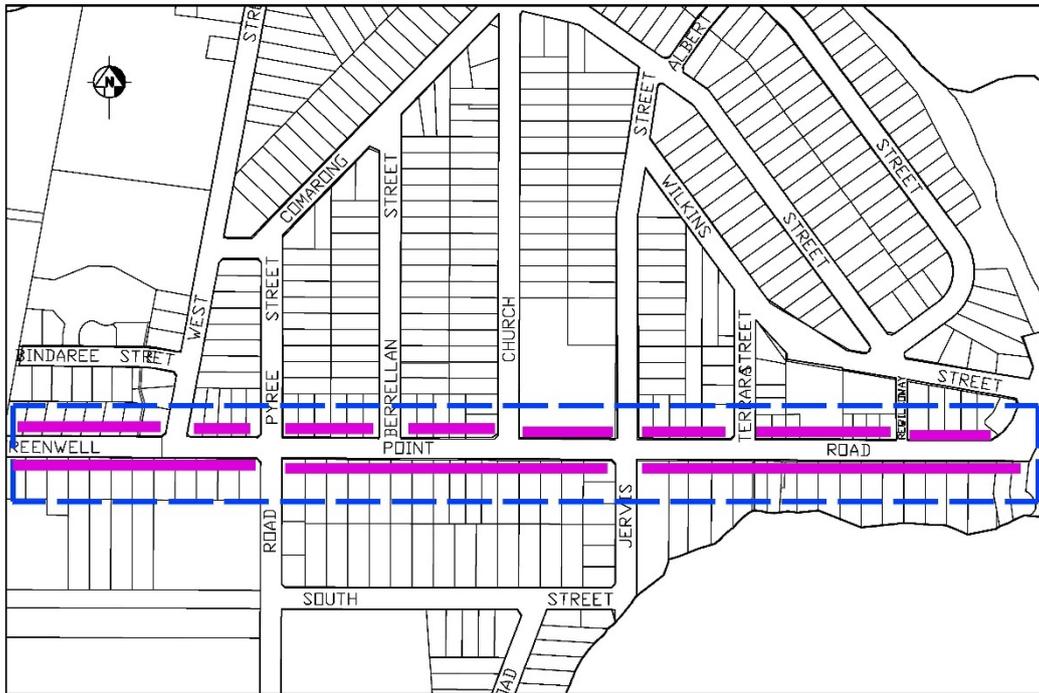
 *Acmena smithii* - *Lilypilly*  
*Callistemon Harkness* planted at 10m spacings where no overhead powerlines are  
Trees to be maintained to a single straight trunk to 1.5m before branching

 Confusion of signs at town entrance

### Alternatives:

*Mellaleuca stypheloides* - *Prickly Paper Bark Tree* planted at 10m centres  
*Glochidion fernandii* - *Cheese Tree* planted at 10m centres

## Greenwell Point Entrance



Entry Point from Greenwell Pt Fire Station to Swimming Pool

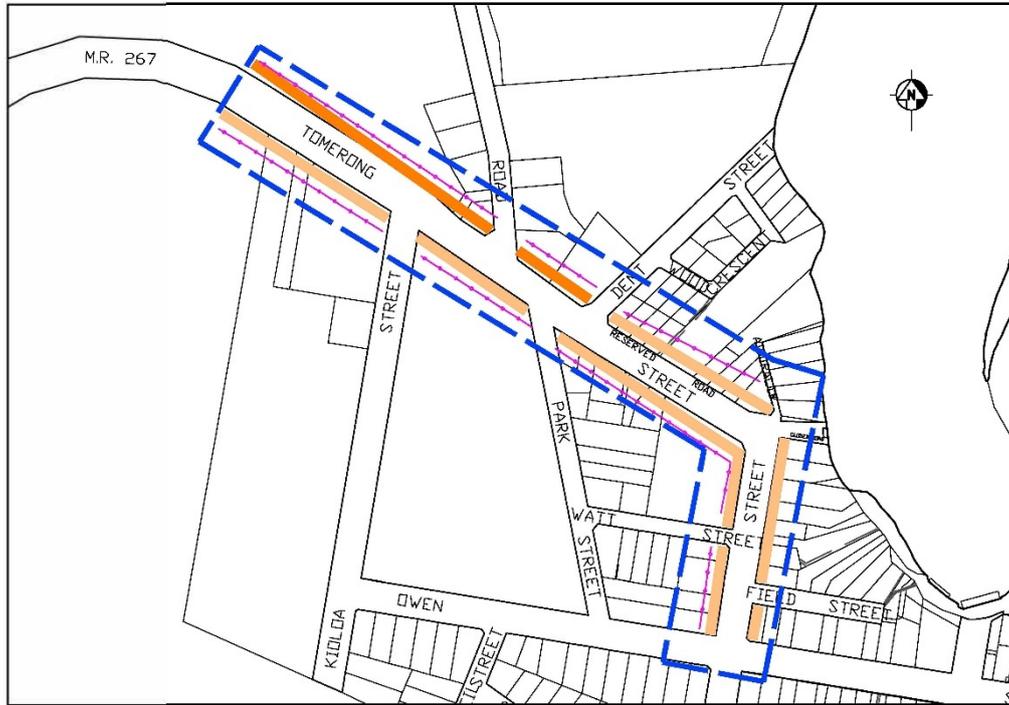
### Description:

-  Syzigium 'Hunchy' - *Lily Pilly* Planted at 7m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching

- Alternatives:** Review existing Brushbox on both sides, retain appropriate trees, create spaces for infill planting.

- Notes:** Final tree selection will based on Integral intentions to bundle overhead services

## Huskisson Western Entrance



Entry Point from 50kph sign on to Owen Street

### Description:

-  *Tristania laurina* ~ planted at 7m centres
-  *Waterhousia floribunda*
-  Trees to be maintained to a single straight trunk to 1.5m before branching

Power lines on right hand side of road when travelling north/east

### Alternatives:

- Syzygium leumannii*
- Banksia serrata* - Saw Banksia
- Waterhousia* - *Lemon Scented Myrtle*

### Huskisson / Vincentia Link



Link Point from Moona Moona Creek to The Wool Road

#### Description:

-  Tristania laurina - to be planted at 7m centres under power lines
-  Power lines on right hand side of road when travelling north

#### Alternatives:

## Hyams Beach Entrance



Entry Point from Moonah Road to Cyrus Street

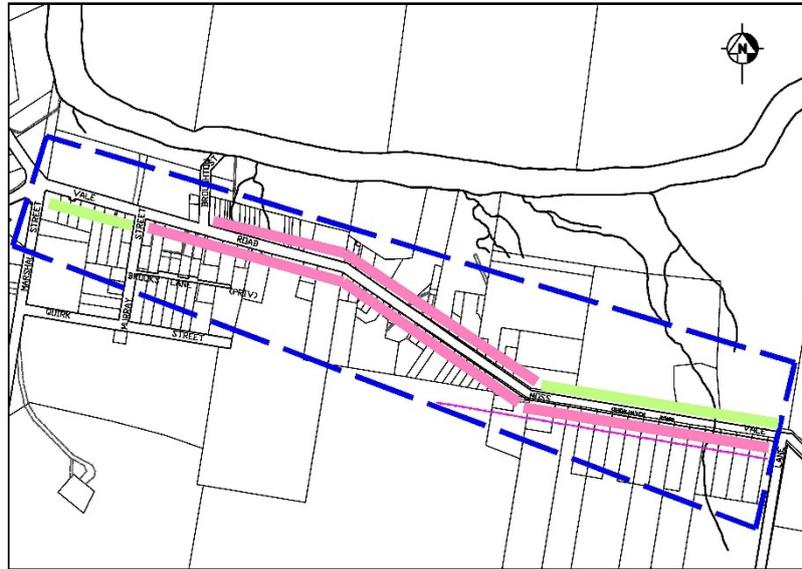
### Description:

 *Tristania laurina* - *Watergum* to be planted at 7m centres under power lines

**Alternatives:** *Banksia serrata* - *Saw Banksia* to be planted at 7m centres under power lines

*Banksia integrifolia* - *Coastal Banksia* to be planted at 7m centres under power lines

## Kangaroo Valley Eastern Entrance



Entry Point from Jarretts Lane to Mt Scanzi Road

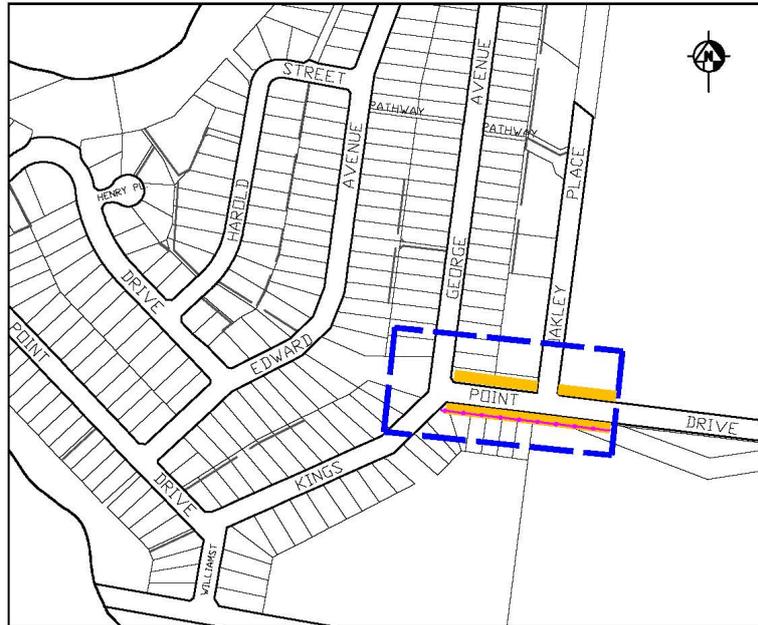
### Description:

-  *Elaeocarpus Ballerina* planted at 7m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching
-  *Lagerstroemia Tuscarora*
-  Power lines on left hand side of road when travelling north

**Alternatives:** *Brachychiton acerifolius* - *Illawarra Flame Tree*



## Kings Point Entrance



Entry Point from 50kph sign to George Avenue

### Description:

 *Backhousia myrtifolia* - *Grey Myrtle*, to be planted at 7m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching

 Power lines on right hand side of road when travelling north/east

**Alternatives:** *Hakea laurina* - *Pincushion Hakea*, to be planted at 7m centres

*Waterhousia floribuna* - to be planted at 7m centres

*Callistemon viminalis* 'Hannah Ray' - to be planted at 7m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching

## Kioloa Entrance



Entry Point from O'Brien Street to O'Hara Street

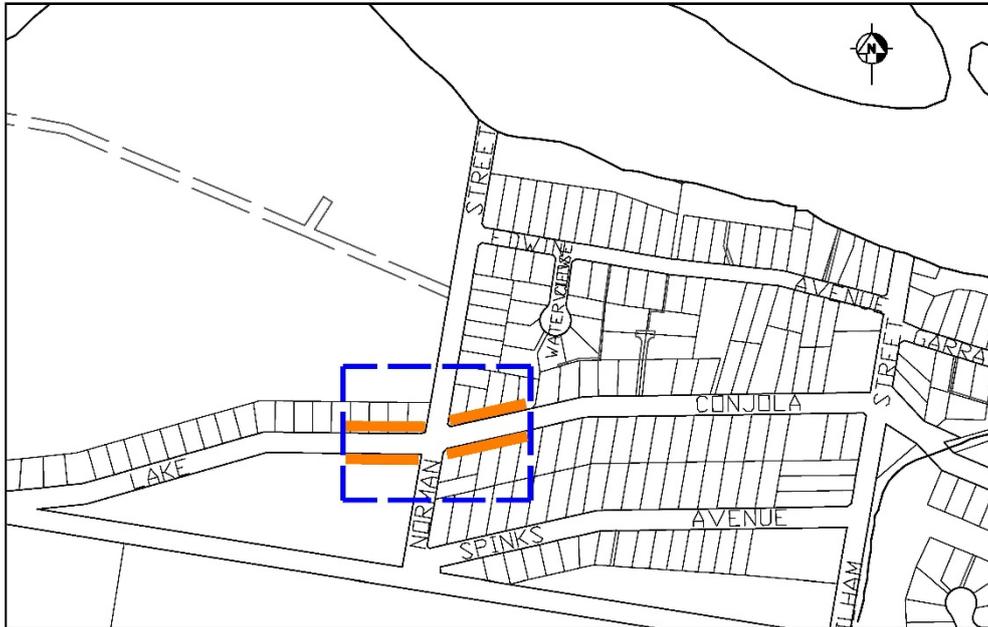
### Description:

-  Elaeocarpus reticulatus to be planted at 7m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching
-  Elaeocarpus 'Ballerina' to be planted at 7m centres under power lines
-  Power lines on right hand side of road when travelling north/east

- Alternatives:**
- Glochidion fernandii ~ Cheese Tree planted at 7m centres
  - Waterhousia floribuna - be planted at 7m centres
  - Tristania laurina - *Water Gum* planted at 7m centres

**Notes:** All trees to be maintained to a single straight trunk to 1.5m before branching

## Lake Conjola Entrance



Entry Point from Bowling Club to 150 Lake Conjola Road

### Description:

 *Tristania laurina* - *Watergum*, to be planted at 7m centres

**Alternatives:** *Hakea laurina* - *Pincushion Hakea*  
*Angophora hispida* - *Dwarf Apple*  
*Cupaniopsis anarcardioides* - *Tuckeroo*  
*Geijera parvifolia* - *Wilga*  
*Agonis flexuosa* - *Willow Myrtle*

**Notes:** All trees to be maintained to a single straight trunk to 1.5m before branching

## Lake Tabourie



Entry Point from 80kph sight to end of shops across bridge

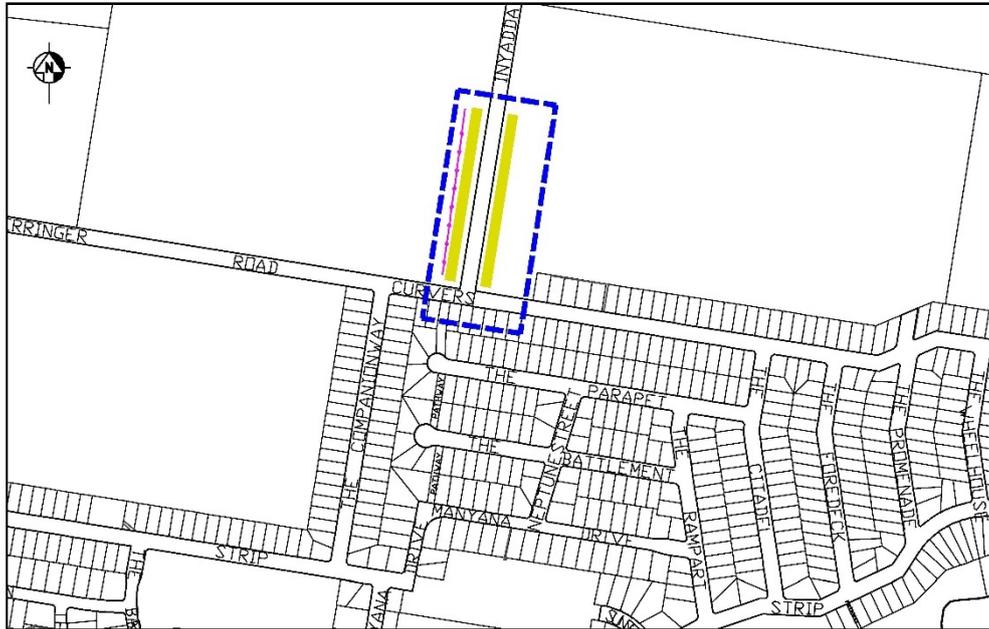
**Description:**

 *Corymbia ficifolia* - Red Flowering Gum , to be planted at 7m centres

 Power lines on right hand side of road when travelling north

**Alternatives:** *Backhousia myrtifolia*, *Backhousia citriodora*, *Hibiscus tileaceus*

## Manyana Entrance



Entry Point from 50 kph speed sign to Curvers Drive

### Description:

 Syzygium 'Hunchy' - to be planted at 7 m centres

 Cupaniopsis anarcardioides ~ Tuckeroo at 10m centres

 Power lines on left hand side of road when travelling north/east

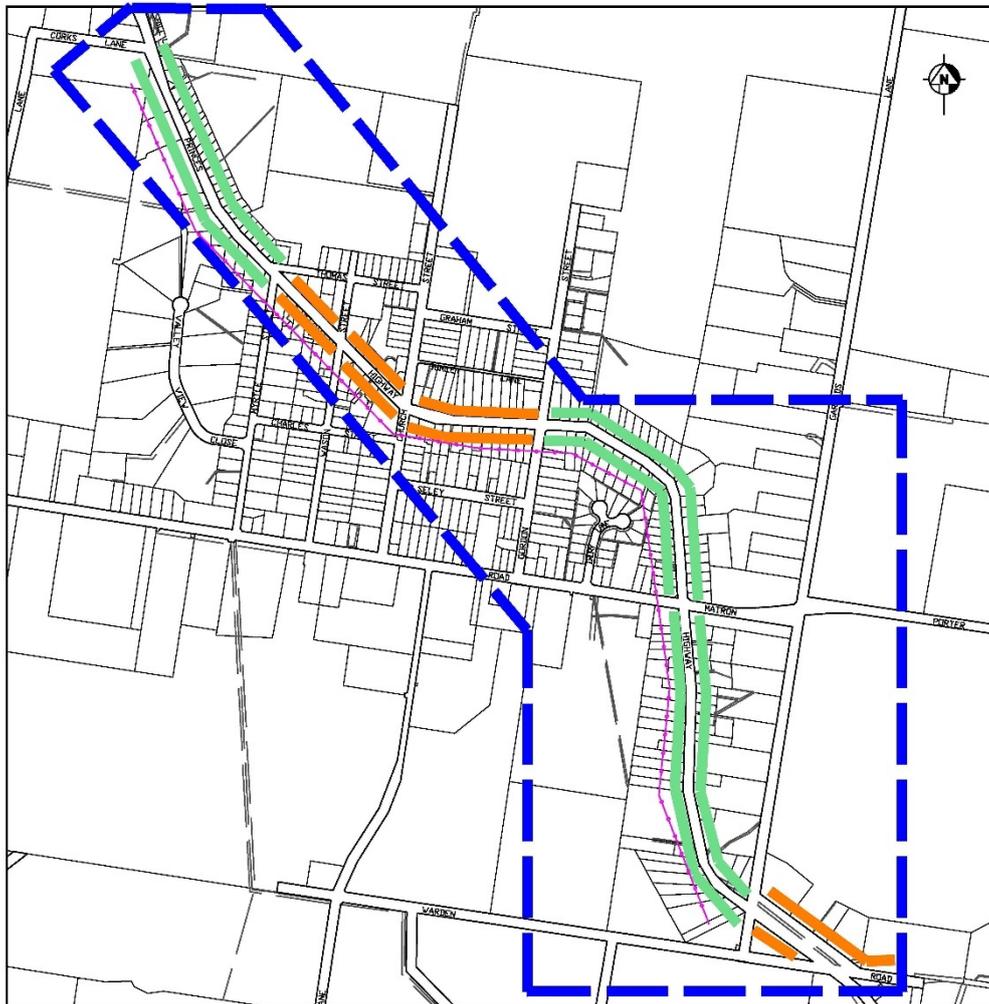
### Alternatives: Podocarpus elata - Plum Pine

Angophora hispida - Dwarf Apple, to be planted at 10m centres

Melaleuca quinquinervia - Prickley Paper Bark

**Notes:** All trees to be maintained to a single straight trunk to 1.5m before branching

### Milton Entrance (Princes Highway)



Entry Point from Corks Lane to Warden Road

**Description:**

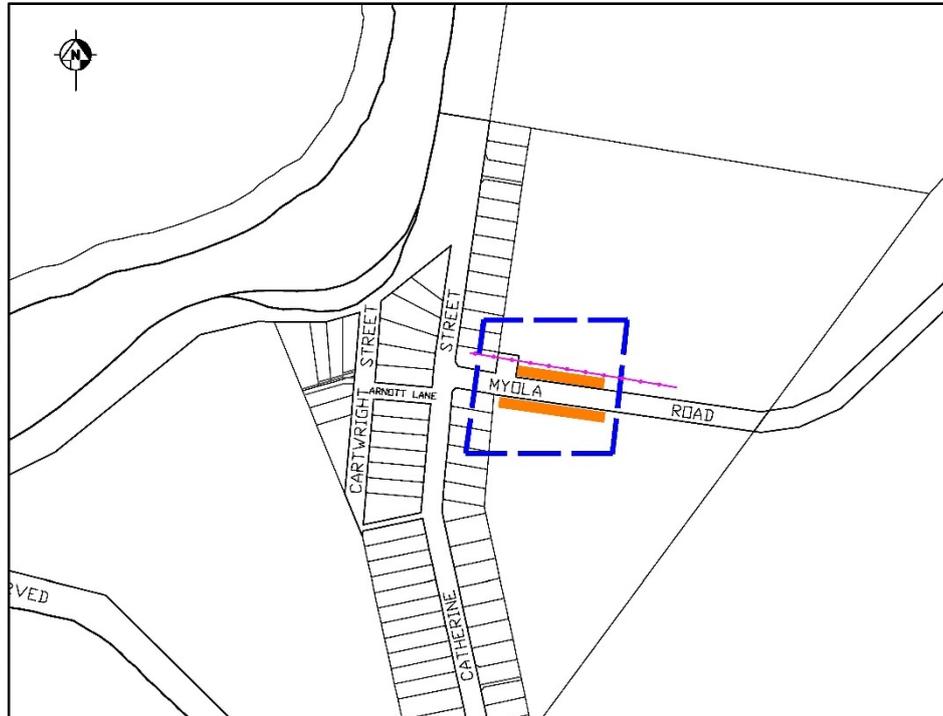
-  Largerstroemia Tuscarora planted at 10m
-  Tristania Luscious to be planted at 7m centres under power lines
-  Power lines on left hand side of road when travelling north/east

**Alternatives:**

Hibiscus tiliaceus Rubra where there is sufficient room and no overhead wires



## Myola Entrance



Entry Point from caravan park to Catherine Street

### Description:

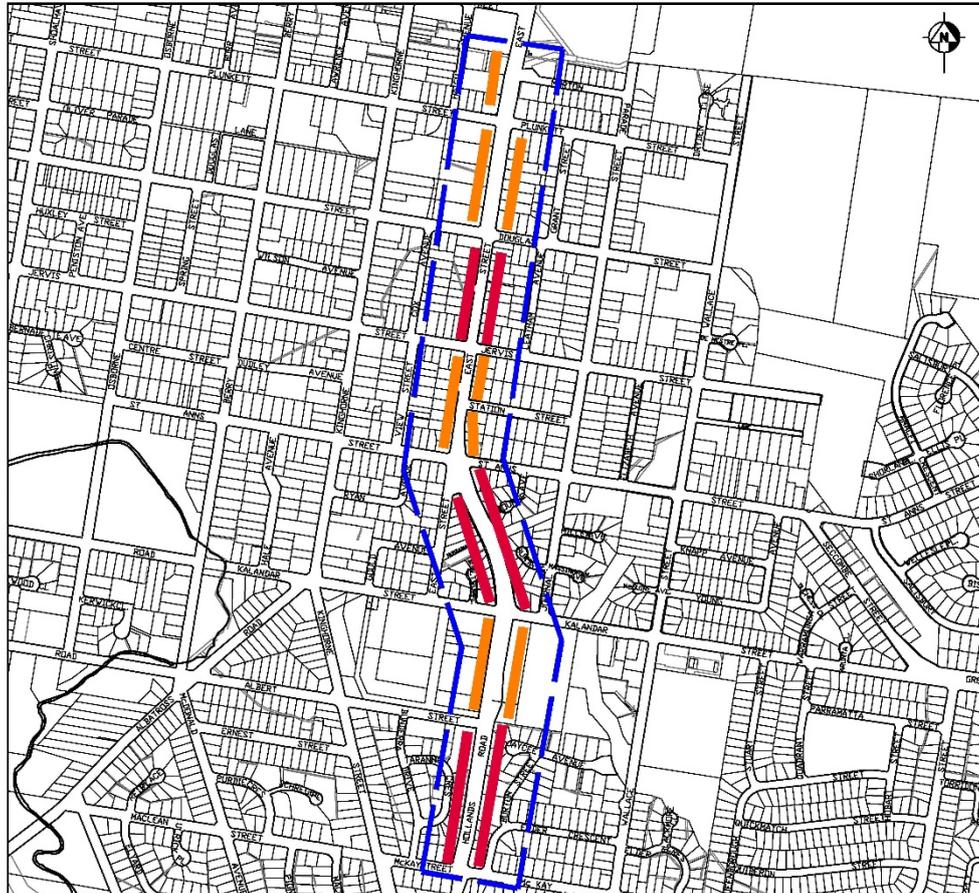
 *Buckinghamia celsissima - Ivory Curl Flower*, to be planted at 8m centres

 Power lines on right hand side of road when travelling into town

**Alternatives:** *Waterhousia floribunda* - to be planted at 8m centres  
*Tristania laurina - Water Gum* to be planted at 8m centres  
*Hibiscus tiliaceus - Cottonwood* to be planted at 8m centres

**Notes:** All trees to be maintained to a single straight trunk to 1.5m before branching

## Nowra



East Street (Princes Highway) from Plunkett Street to Kalander Street  
and Holland Street (Princes Highway) to McKay Street

**Description:** Position of trees in consultation with RTA  
 *Tristania Luscious* plant at 7m intervals under power lines and on both sides  


**Alternatives:** Planting to occur in clusters on undeveloped side leaving remnant bushland  
in conjunction with TfNSW

## Nowra / Worrigea Entrance



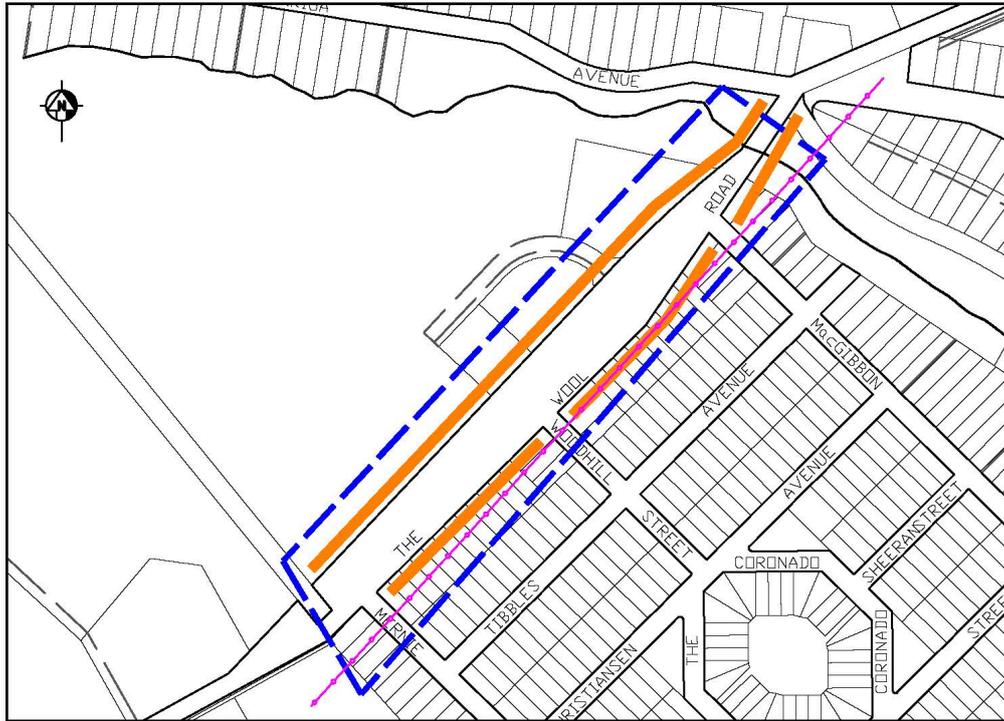
Entry Point from Worrigea Road to Clipper Road

### Description:

-  *Tristiana Luscious* at 7m centres under powerlines  
Trees to be maintained to a single straight trunk to 1.5m before branching
-  Power lines on left hand side of road when travelling east

- Alternatives:** *Glochidion fernandii* to be planted at 10m centres  
*Eucalyptus ficifolia*  
*Lagestromia indica* to be planted at 7m centres

## Old Erowal Bay Entrance



Entry Point from Worroing Creek Bridge to Memie Street

### Description:

 *Waterhousia floribunda* - to be planted at 7m centres

 Power lines on right hand side of road when travelling north/east

**Alternatives:** *Banksia spinulosa* - *Hairpin Banksia*, to be planted at 7m centres  
*Hibiscus tiliaceus* - *Cottonwood Tree*, to be planted at 10m centres  
Trunks to be maintained clear till 1.5m high

## Orient Point Entrance



Entry Point from Prince Edward Avenue to Orsova Parade

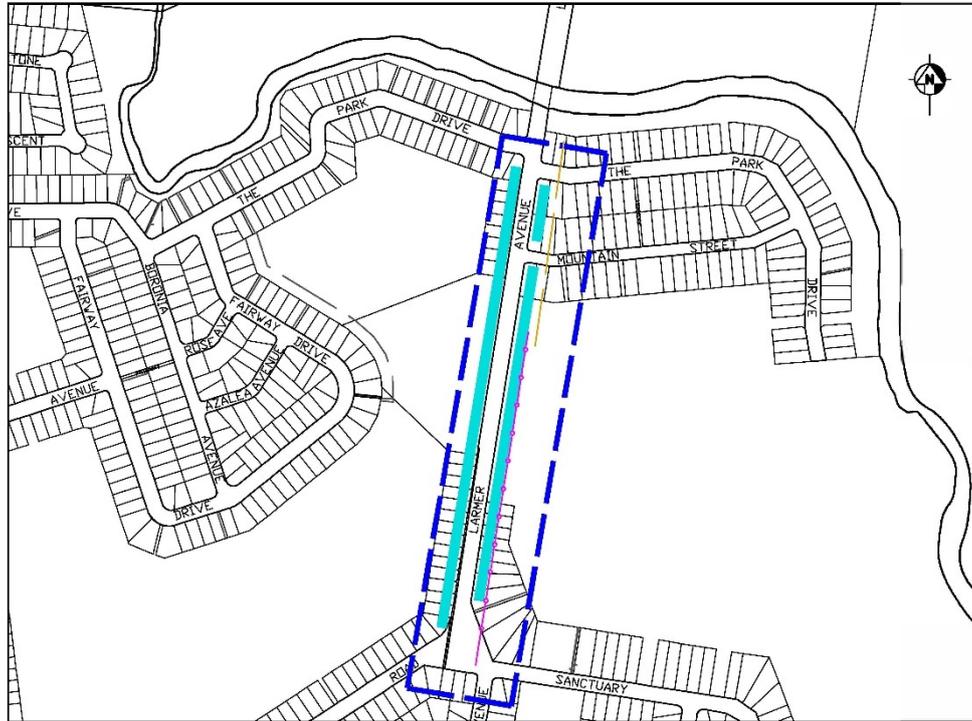
### Description:

-  Cupaniopsis anarcardioides , to be planted at 10m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching
-  Tristania laurina - *Watergum* , to be planted at 7m centres under power lines

### Alternatives:

- Tristania Luscious planted under powerlines at 7m centres
- Melaleuca styphelioides ■ Prickly Leaf Paperbark ,to be planted at 7m centres under power lines
- Melaleuca decora to be planted at 7m centres

## Sanctuary Point Entrance



Entry Point from Cockrow Creek Bridge to Sanctuary Point Road

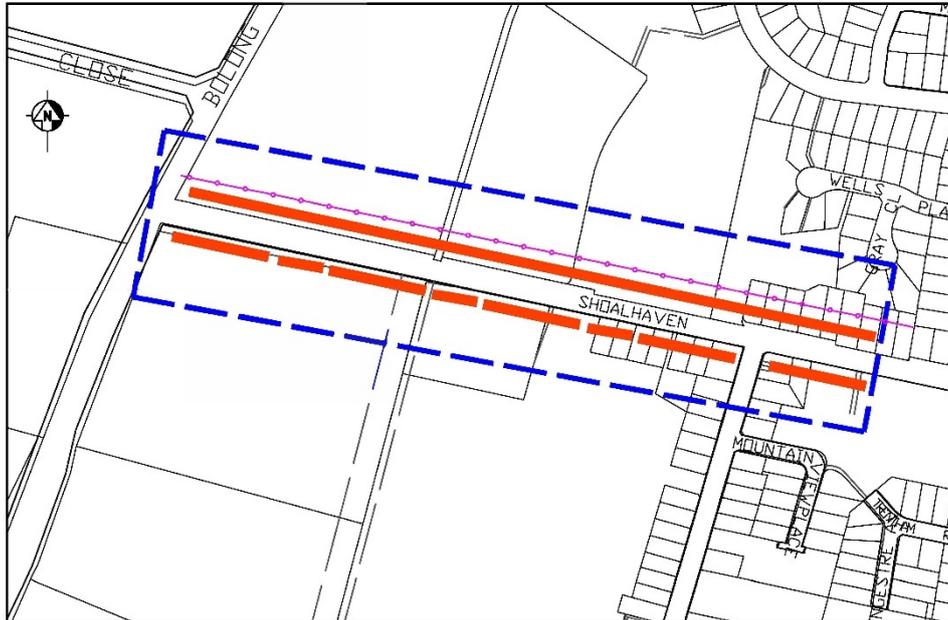
### Description:

 *Tristania laurina* to be planted at 7m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching

 Power lines  
 Drainage channel

**Alternatives:** *Elaeocarpus 'Ballerina'*  
*Melaleuca linarifolia* - *Snow in Summer*  
*Angophora hispida* - *Dwarf Apple*  
*Melaleuca decora*

## Shoalhaven Heads Entrance



Entry Point from Bolong Road to Jerry Bailey Road

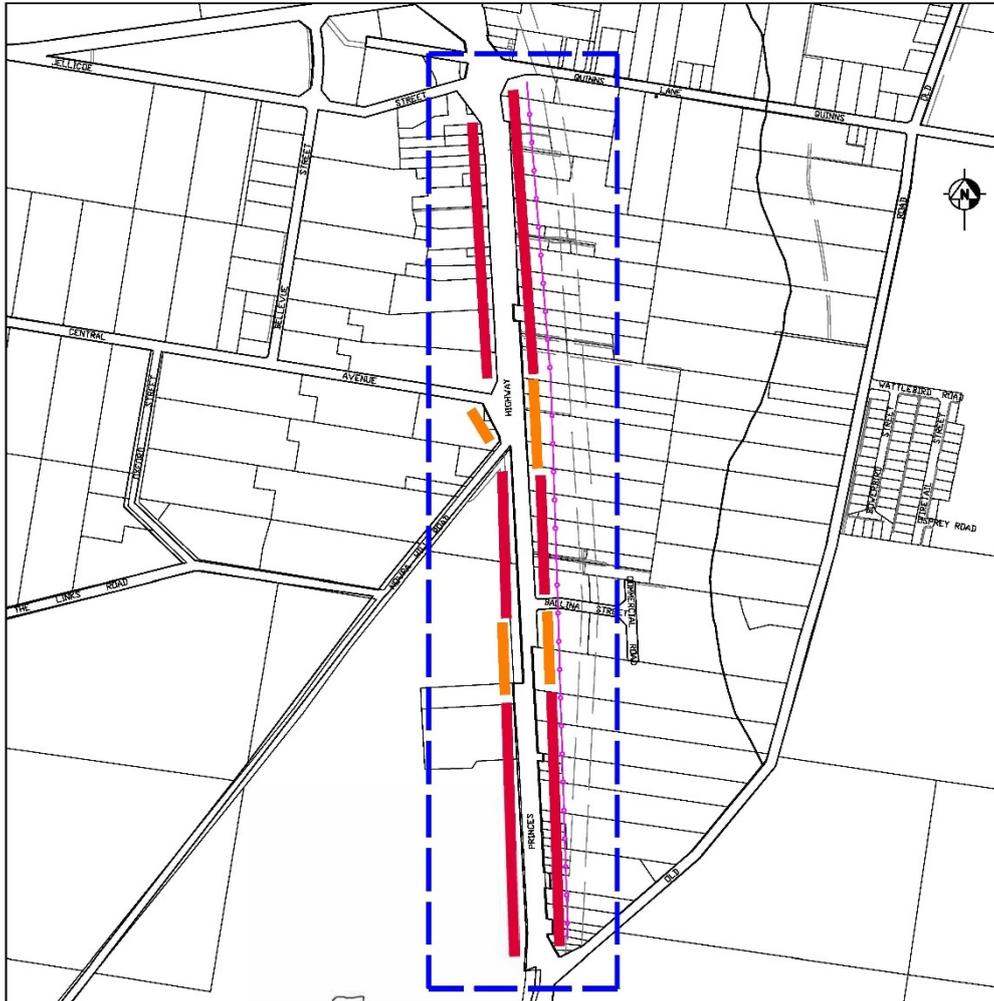
### Description:

 Corymbia Orange Baby at 7m centres under powerlines  
Syzygium sp at 7m centres where no powerlines exist.

 Power lines on left hand side of road when travelling east

**Alternatives:** Syzygium 'Hunchy'

### South Nowra Industrial Area



Princes Highway from Quinns Lane to Old Road

**Description:**

-  Corymbia 'Summer Red' , plant at 7m intervals under power lines
-  Corymbia 'Orange Baby' plant at 7m intervals on side with no power lines

**Alternatives:**

Overhead Powerlines located on left hand side travelling north  
 Planting to occur in clusters on undeveloped side leaving remnant bushland mostly undisturbed, on developed side planting to be more uniform using smaller trees, not to cover signage & business activities.  
 Melaleuca decora ~ not under power lines



## St Georges Basin Entrance



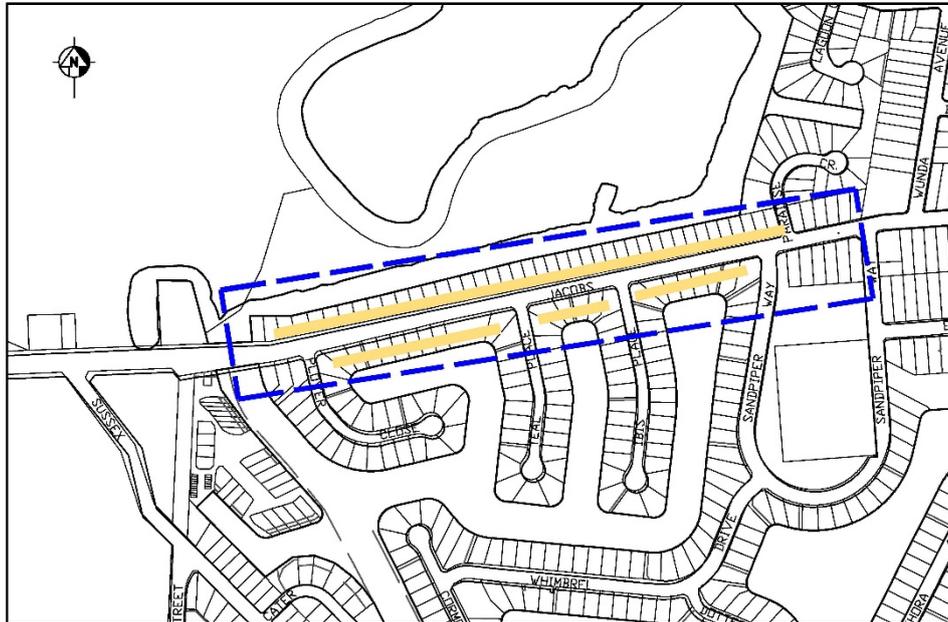
### Description:

-  *Tristania laurina - Water Gum*
-  *Syzygium leumahnannii - Riberry*
-  Existing Eucalyptus to be retained
-  Power lines

### Alternatives:

- Tristania Luscious*
- Syzygium luehmannii - Hunchy*
- Waterhousia floribunda* to be planted at 7m centres

## Sussex Inlet Entrance



Entry point from Sussex Inlet Road to Sandpiper Way

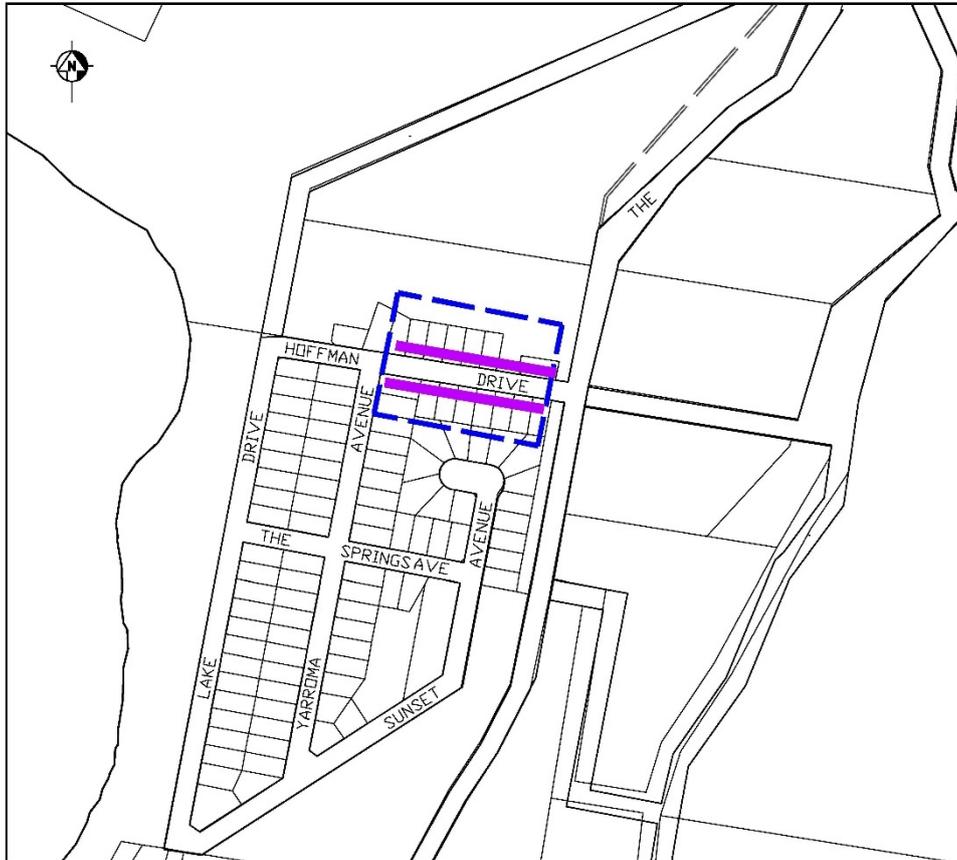
### Description:

— *Tristania laurina* - *Watergum*, to be planted at 10m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching

**Alternatives:** *Syzygium leuhmannii*  
*Lagerstroemia Tuscarora*

**Notes:** Street tree planting complete, gaps require infil with same species.  
Extend planting down to shops

## Swanhaven Entrance



Entry Point from 50kph sign

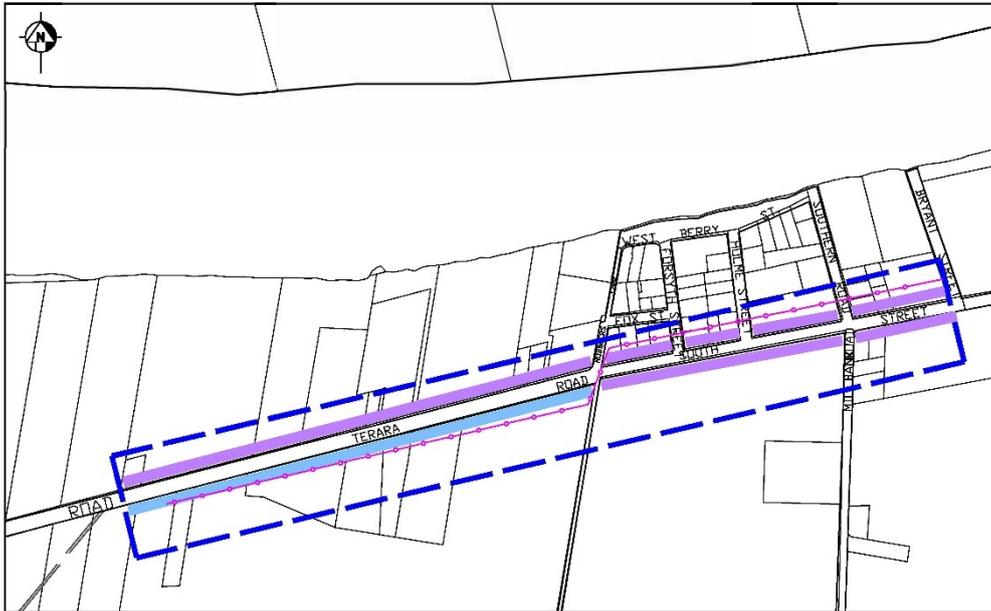
### Description:

 *Banksia integrifolia* - *Coastal Banksia*, to be planted at 7m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching

### Alternatives:

*Tristania laurina* - *Water Gum*  
*Grevillea Moonlight*  
*Waterhousia floribunda* - *Weeping Lilly Pilly*

## Terara Entrance



Entry Point from Drain Bridge to Bryant Street

### Description:

-  Lagerstroemia Lipan planted at 10m centres
-  No *planting* under power lines
-  Power lines on right hand side of road when travelling east then cross road to left hand side at South Street/Nobbler Lane

Alternatives: Tristania Luscious

## Tomerong Entrance



Entry Point from Tomerong Creek to Pine Forest Road

### Description:

— Waterhousia floribunda - *Waterhousia*  
Planted at 7m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching

— Power lines on right hand side of road when travelling north/east

### Alternatives:

Hymenosporum flavum - *Native Frangipani*. Planted at 7m centres  
Angophora floribunda - *Rough Barked Apple*  
Acer buergerianum - *Trident Maple*  
Pittosporum rhombifolium - *Hollywood*

## Ulladulla Northern Entrance (Princes Highway)



Entry Point from Ocean View Motel to Wason Street

### Description:

- Eucalyptus 'Summer Red', planted at 7 centres in areas where verge is narrow
- Tristania laurina planted under powerlines at 7m centres
- Hibiscus tileaceus Rubra- Cottonwood, planted at 10m centres
- All trees to be maintained to a single straight trunk to 1.5m before branching
- Power lines interchangeable on both sides of road

### Ulladulla Southern Entrance (Princes Highway)



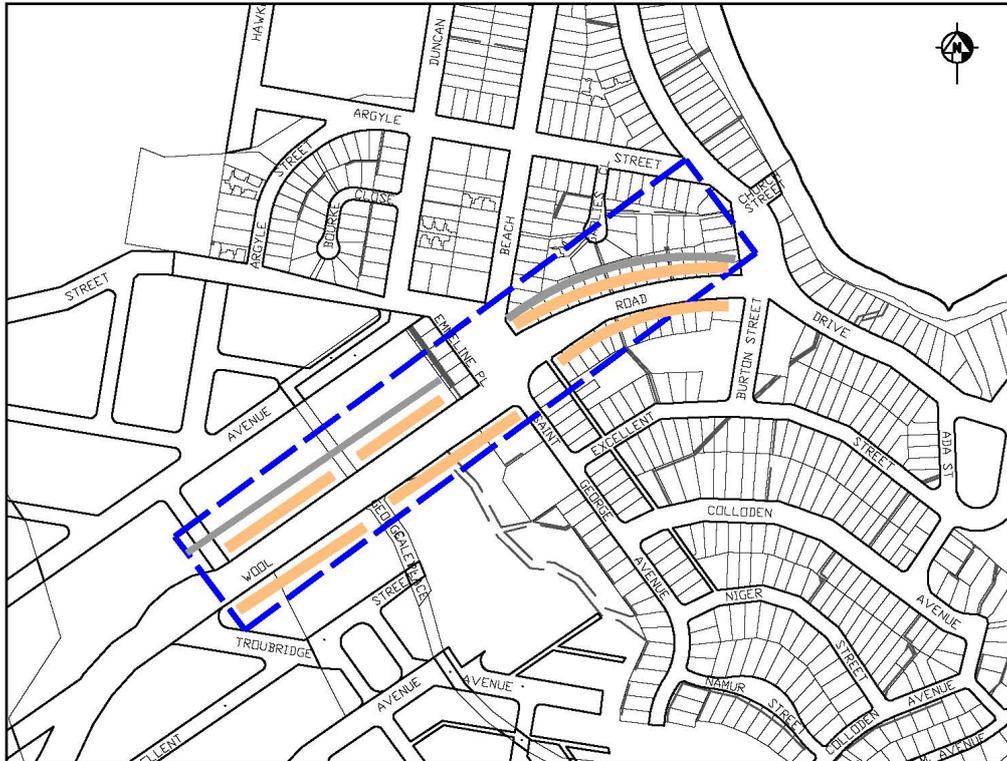
Entry Point from Pitman Avenue to Wason Street

**Description:**

-  Eucalyptus 'Summer Red'
-  Tristalia Lauria Planted at 7m centres
-  Existing stand of Lophostemon confertus (Brushbox)
-  Power lines on right hand side of road when travelling north/east

**Alternatives:** Lophostemon confertus

## Vincentia Entrance



Entry Point from primary school to Elizabeth Drive

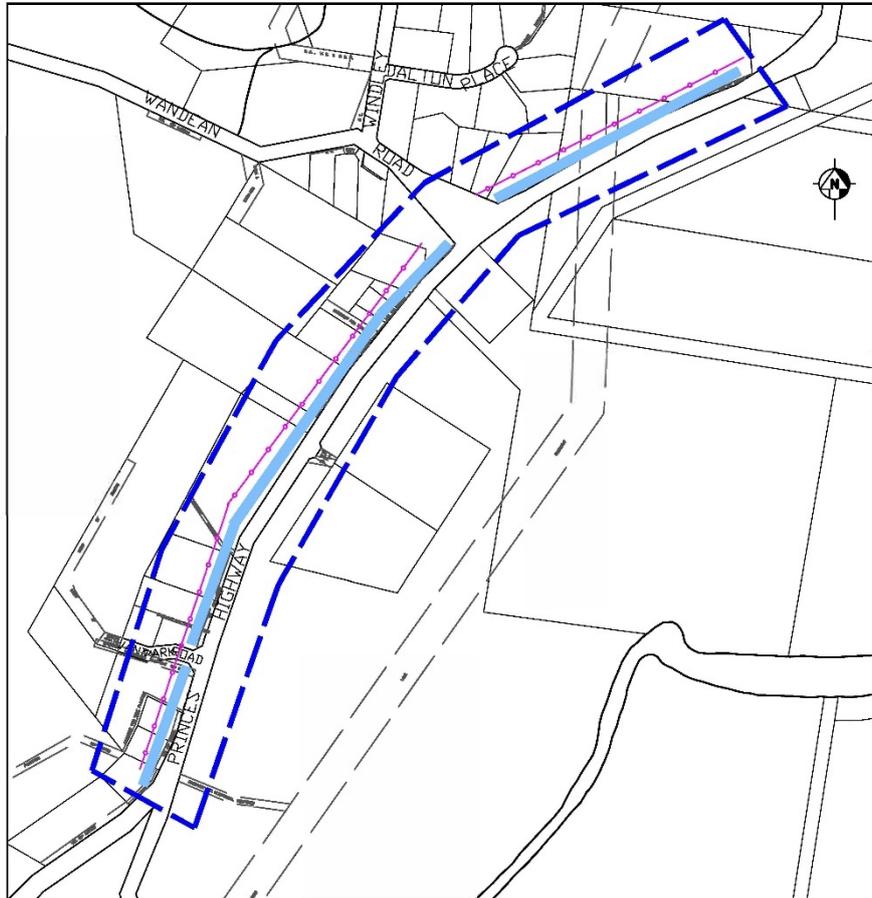
### Description:

-  *Waterhousia floribunda* - *Waterhousia*  
Planted at 7m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching
-  1200mm pathway

### Alternatives:

- Acmena leuhmannii* -
- Alphitonia excelsa* - *Red Ash*
- Melaleuca linariifolia* - *Snow in Summer*
- Banksia integrifolia* - *Coastal Banksia*

## Wandandian



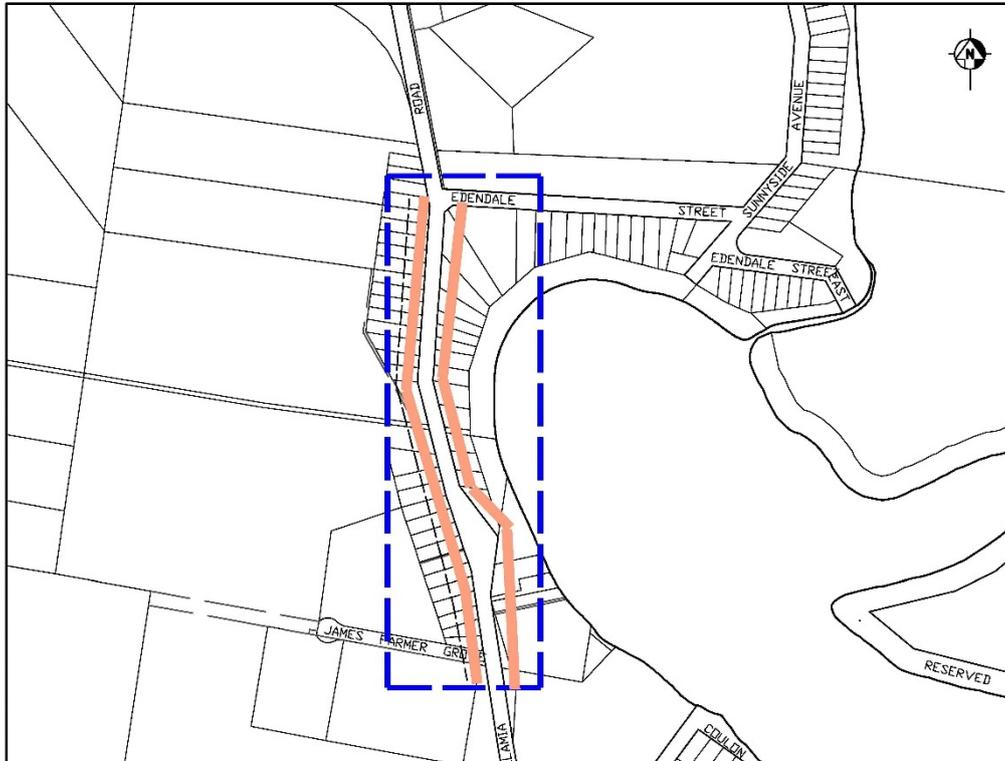
80km through the town

### Description:

-  *Melaleuca decora*  
Trees to be maintained to a single straight trunk to 1.5m before branching
-  Power lines on left hand side of road when travelling north/east

- Alternatives:**
- Tristania laurina* - *Water Gum*. Planted at 7m centres
  - Eucalyptus* - *Summer Red*
  - Eucalyptus* - *Orange Baby*

## Woollamia Entrance



Entry Point from 50kph sign near James Farmer Grove to 50 kph sign near Edendale Street

### Description:

-  *Melaleuca stypheliodes*- Broad leafed paperbark  
Planted at 7m centres  
Trees to be maintained to a single straight trunk to 1.5m before branching

- Alternatives:**
- Acmena smithii*
  - Grevillea Superb* under wires
  - Waterhousia floribunda*