

North Coast Wide Bay Burnett Region Industry Brief

Projects to tender during 2015/2016

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13 August 2015

Our values

Our values



Customers
First



Ideas into
Actions



Unleash
Potential



Be
Courageous



Empower
People

Diversity and inclusion

We have a responsibility to ensure our employee pool reflects and better serves the diverse nature of the Queensland community.

- Diversity brings different perspectives into the workplace.
- An inclusive workplace ensures employees feel confident and supported to contribute and participate fully in the workforce.
- Diverse and inclusive teams:
 - generate new ideas
 - challenge the status-quo
 - introduce fresh ways of looking at problems
 - offer a wider range of potential solutions.



Safety and Evacuation

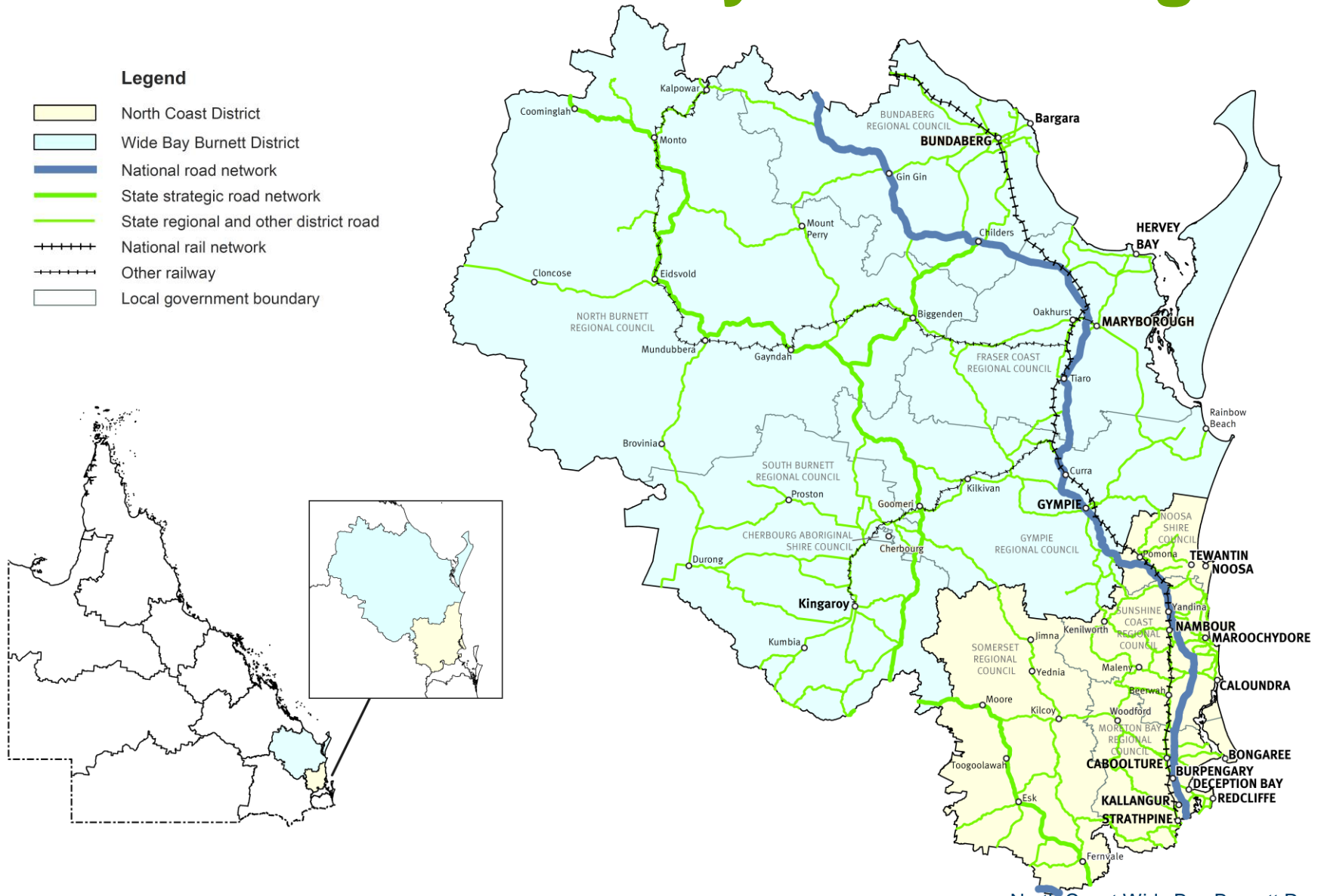
Agenda

- Overview of Industry Brief
- Overview of North Coast Wide Bay Burnett Region
- Procurement processes
- Significant Projects
- Planning / Design Projects
- Construction Projects
- Questions

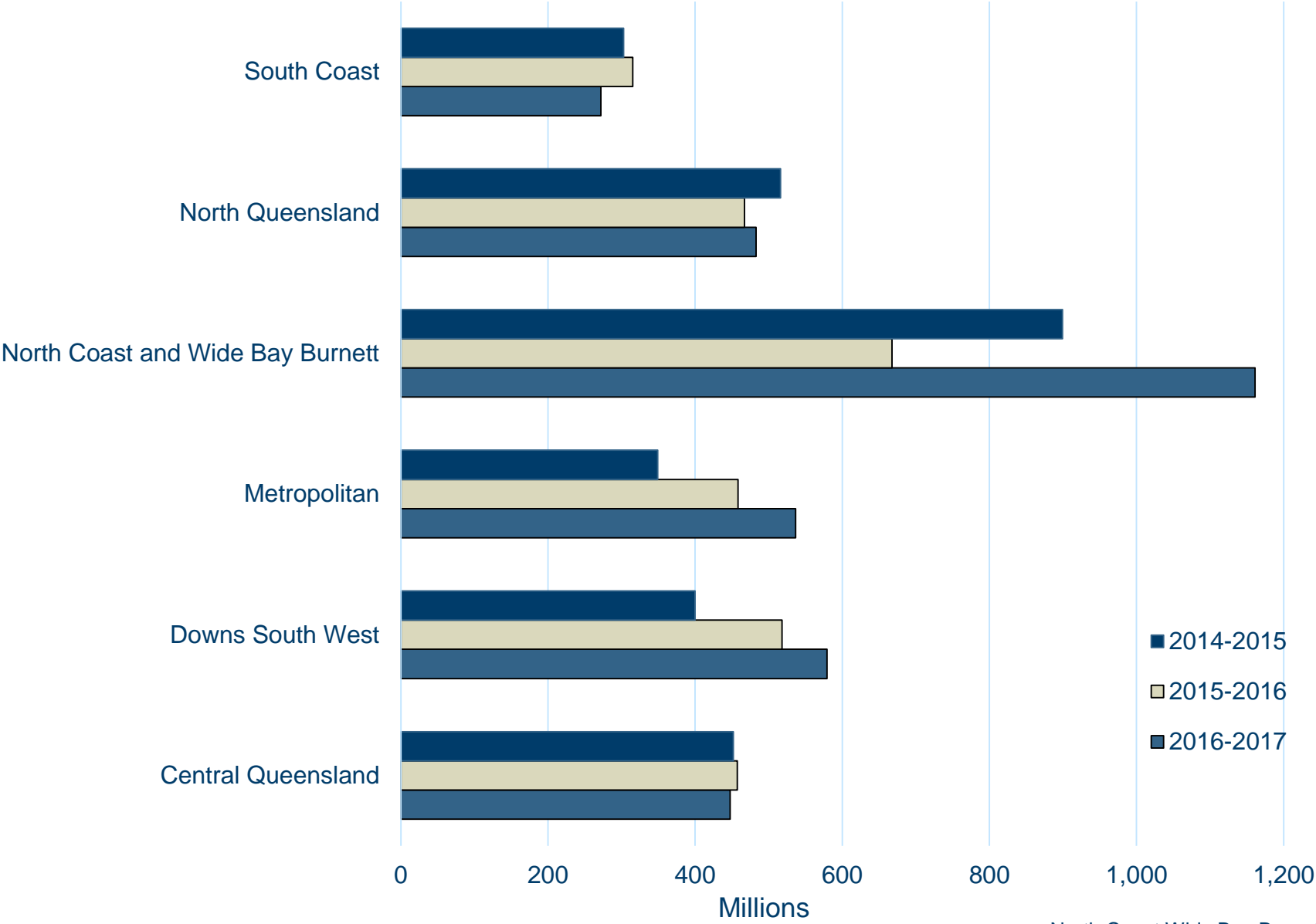
Overview of industry brief

- Statewide briefings
- Enhance stakeholder engagement
- Inform industry of opportunities during 2015-2016 financial year
- Highlight key strategic projects
- Detail region's planning, design and construction projects

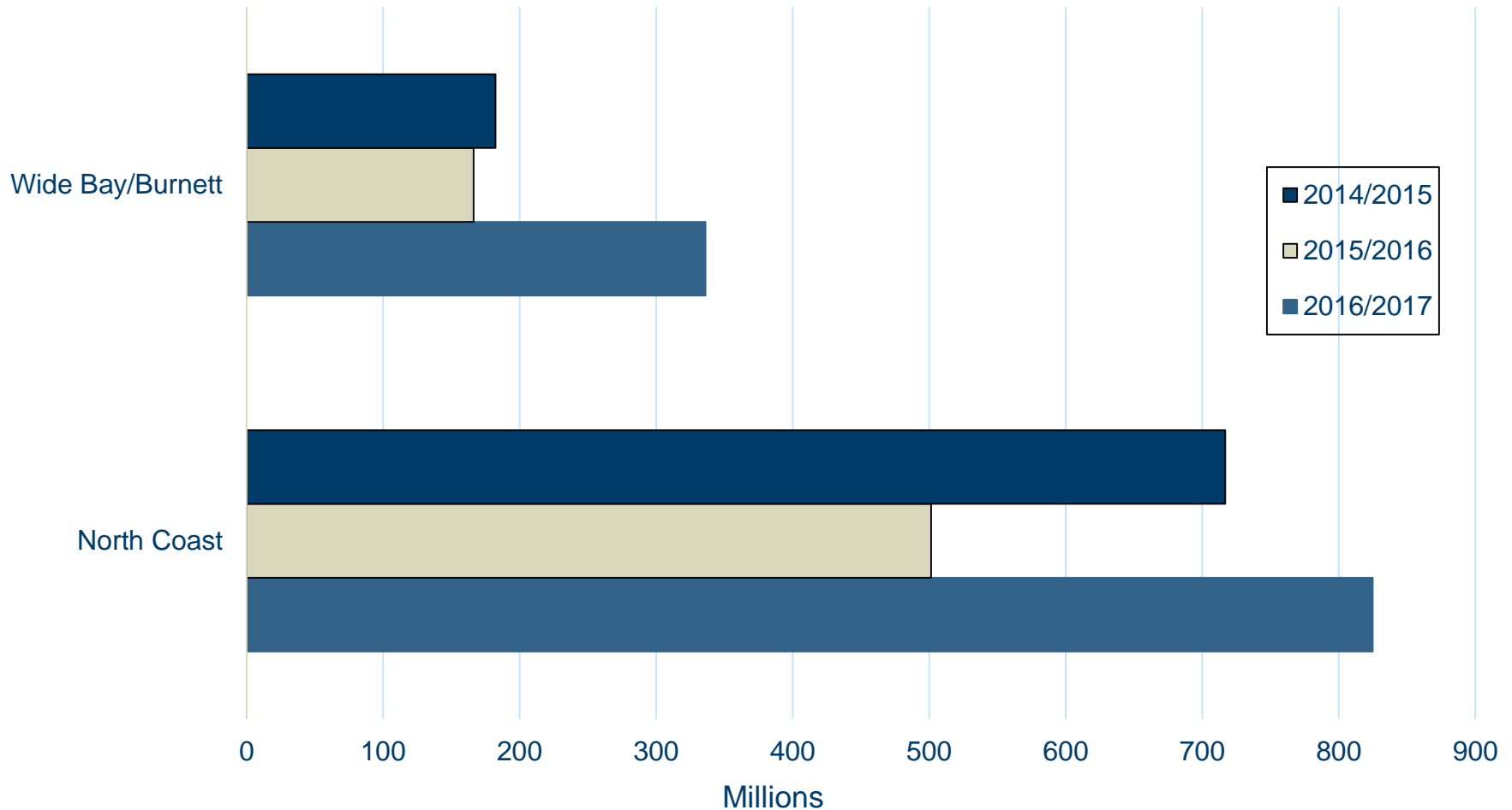
North Coast Wide Bay Burnett Region



Transport and Main Road's Regional program values



North Coast Wide Bay Burnett Regional program values



Engagement with industry

- Recognise effort by consultants and contractors to understand the department's business
- Tender assessments using combination of price and non-price criteria
- Engineering Consultant Scheme (ECS)
- Transport Infrastructure Contract – Construct Only (TIC-CO).

Engineering Consultant Scheme (ECS)

- Industry awareness sessions have been held
- ‘One Government’ Engineering Consultant Scheme
- Used to select and engage consultants
- Transport and Main Roads will be using this process
- Offers will be issued via “Vendor Panel” mechanism
- Consultants for Engineering Projects
- Information on **Housing and Public Works website** – *Procurement*.
- **Enquiries:** ECScheme@qld.gov.au.

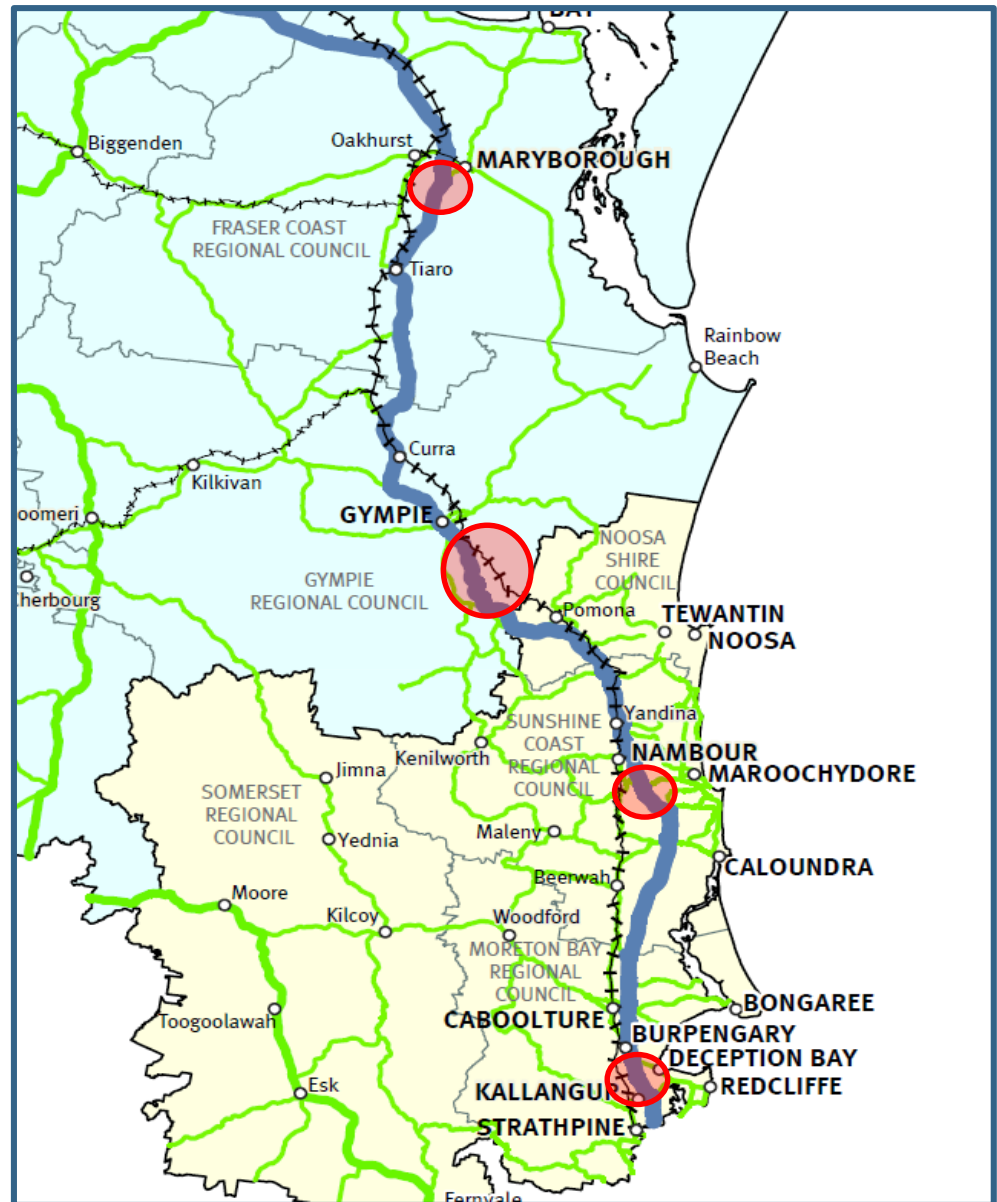
Transport Infrastructure Contract – Construct Only (TIC-CO)

- Replaces Road Construction Contract (RCC)
- Broader scope
- Changes include
 - Processes
 - Contract Structure
 - Conditions of Tender and Contract
- Information on the **Transport and Main Road's website** – *Technical Publications*.
- **Enquiries:** Inf.contractadmin@tmr.qld.gov.au.

Significant projects

- Boundary Road
- Caloundra to Sunshine Motorway
- Cooroy to Curra – Section C
- Tinana Overpass.

Significant project locations



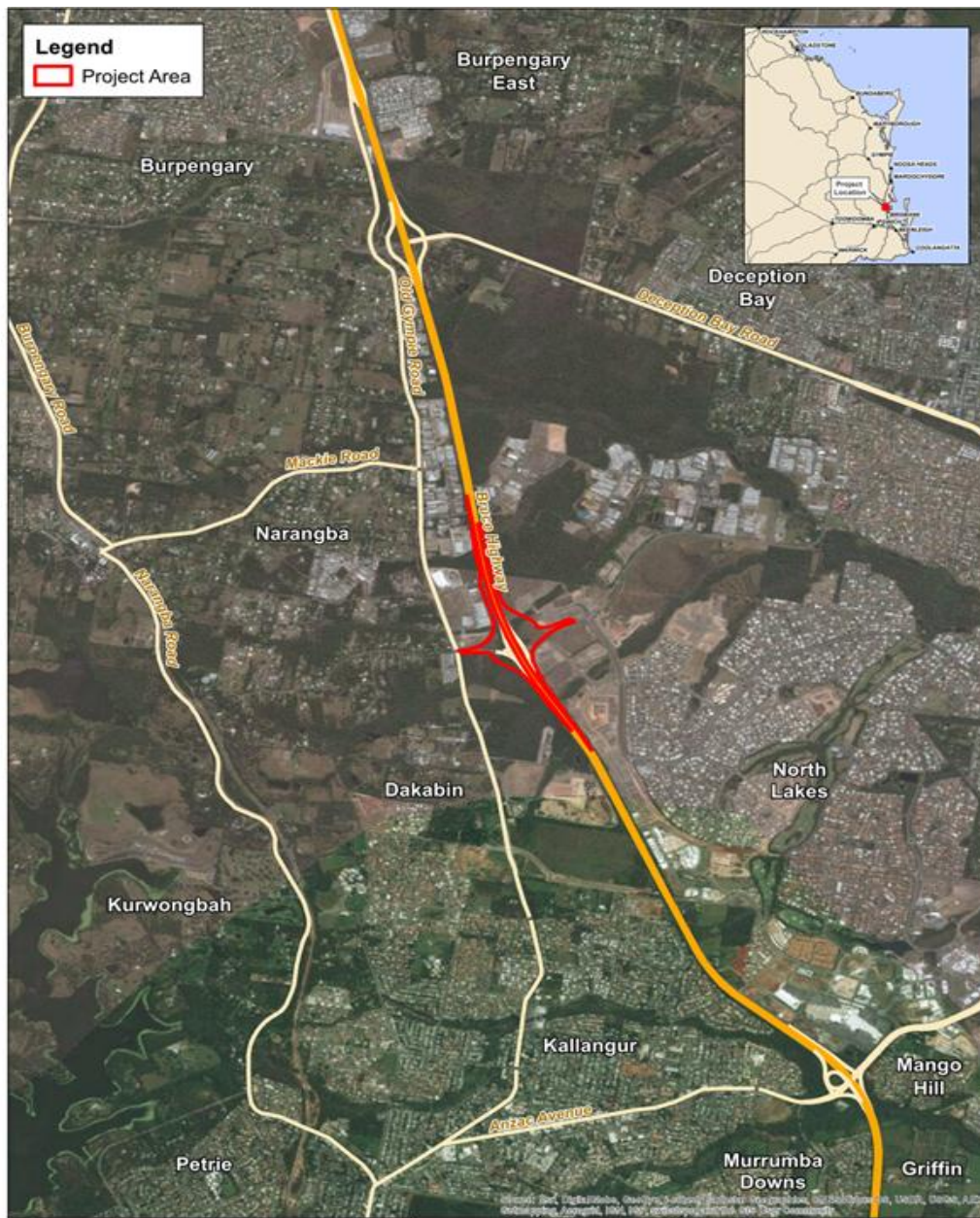
Boundary Road



Budget and Scope

- QTRIP project value – \$105 million
- Construction estimate – up to \$89.5 million
- New six lane overpass (four spans, Super-T girders)
- Two new pedestrian/cycle bridges
- Four lane road works
- Two new signalised intersections
- Approx. 250,000m³ of embankment
- Demolition and removal of existing overpass.

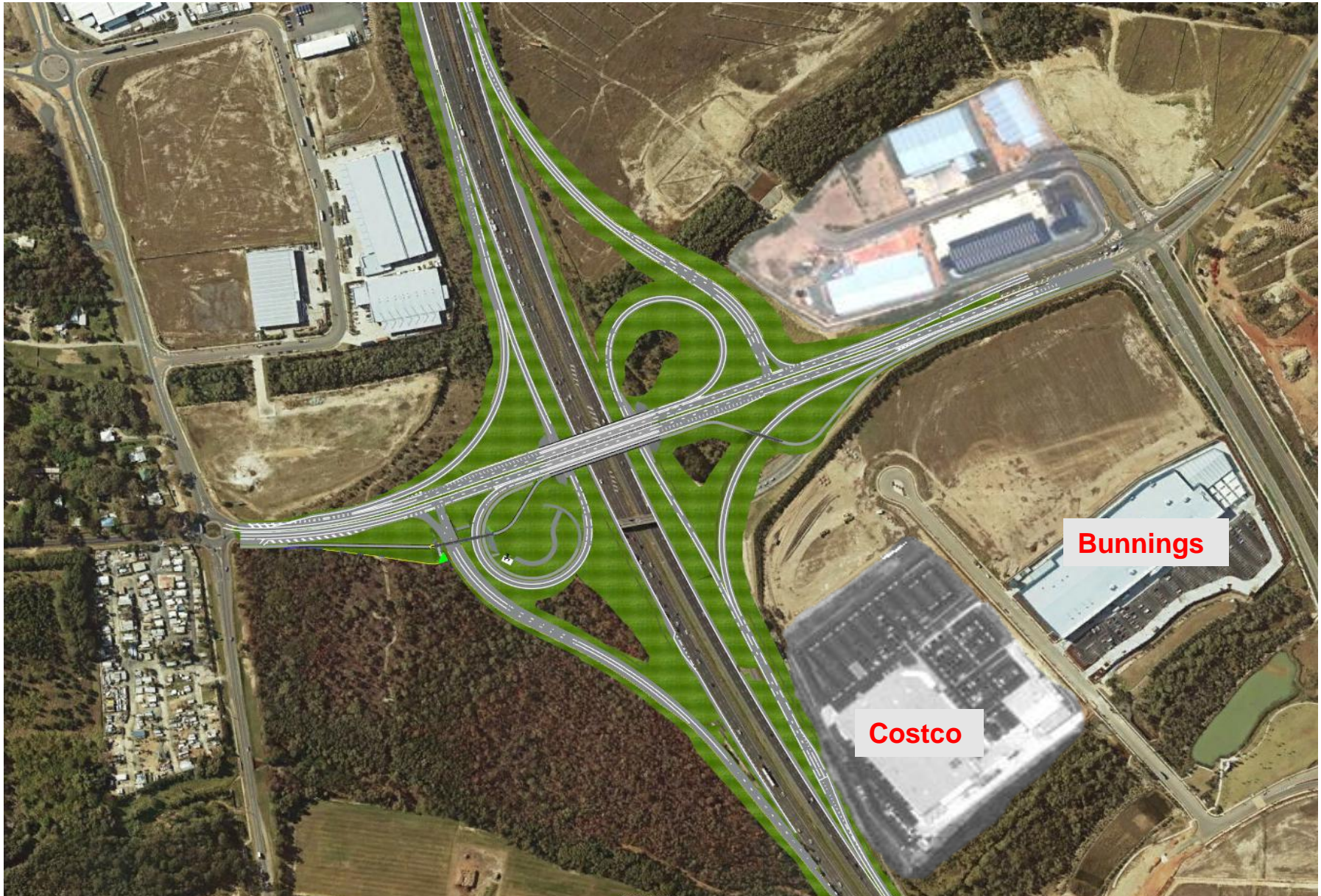
Project location



Layout



Layout



Risks & Delivery Mechanism

- **Risks**
 - Traffic management
 - Construction & Demolition of existing bridge
 - Stakeholder management.
- **Delivery Mechanism**
 - Construction Contract, **two stage TIC-CO.**
 - Two stage tender process.
- **Prequalification level**
 - R4, B3, F75 (To be confirmed).

Timetable

- Expressions of Interest – September 2015
- Invitation to Tender – November 2015
- Letter of Acceptance – March 2016
- Complete construction – Late 2017.

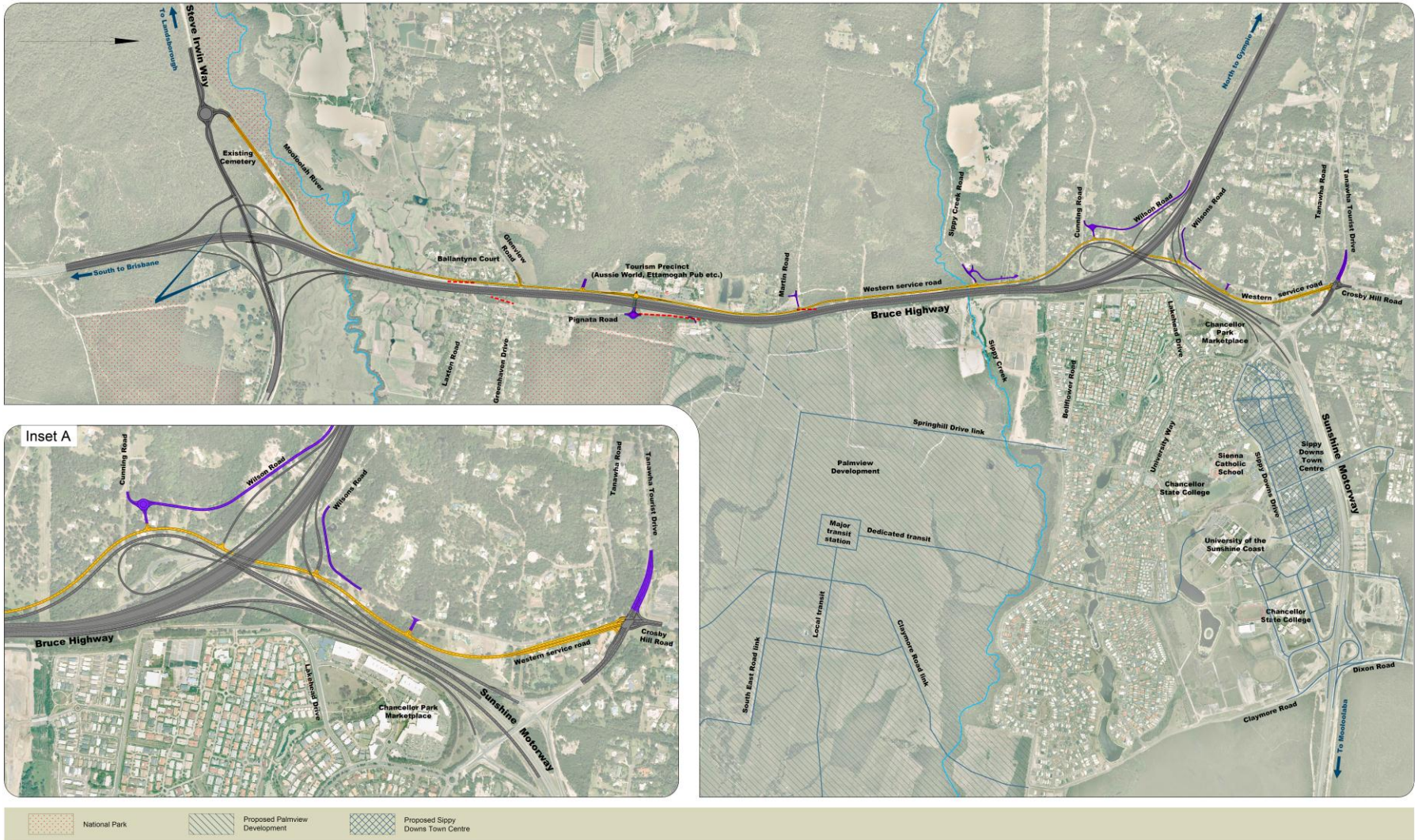
Caloundra to Sunshine Motorway



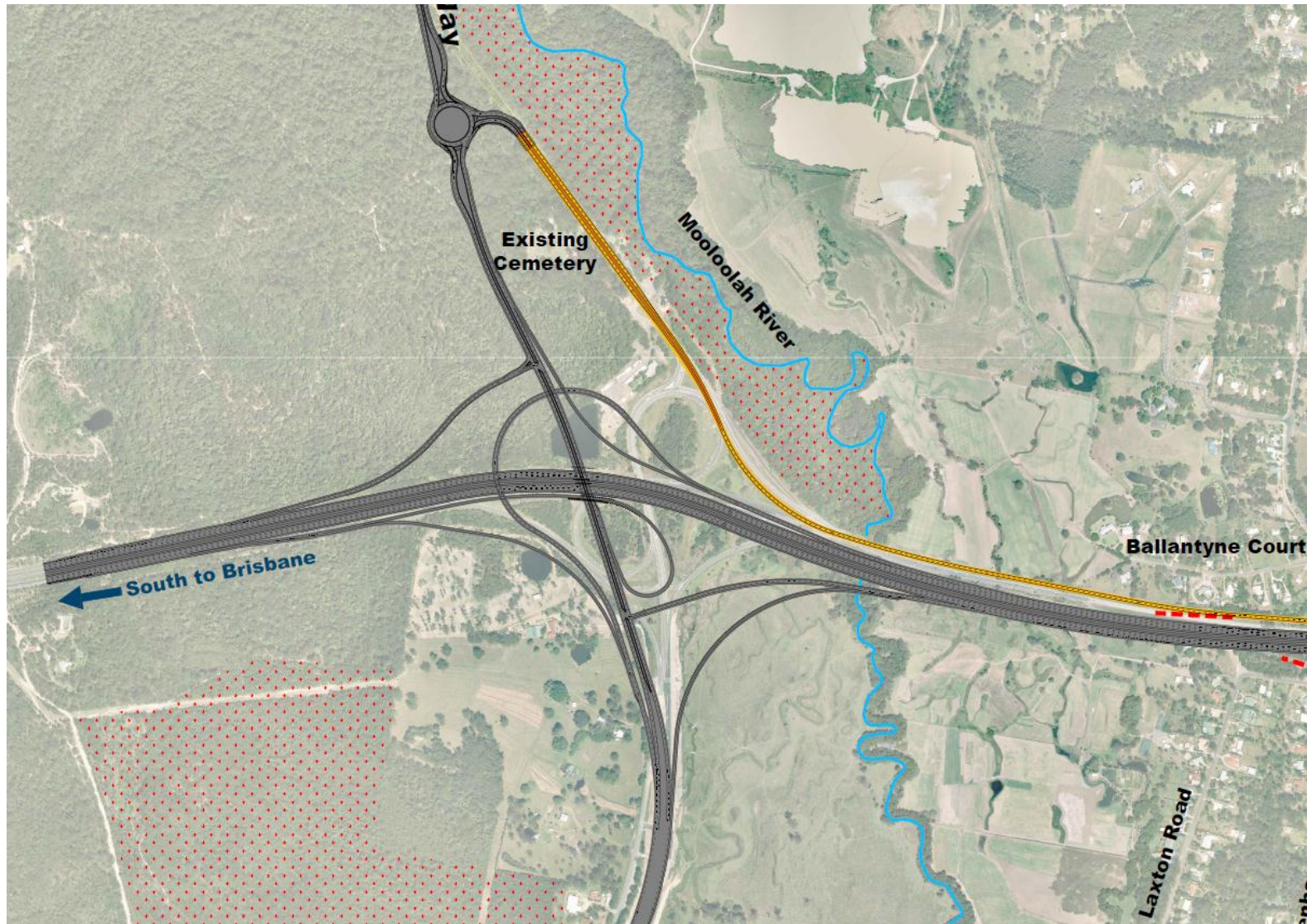
Budget and Scope

- QTRIP project value – \$1,134 million
- Construction estimate – To be determined.
- Six lane highway
- Upgrades to existing interchanges
- Two lane service road
- Rationalisation of existing highway access.

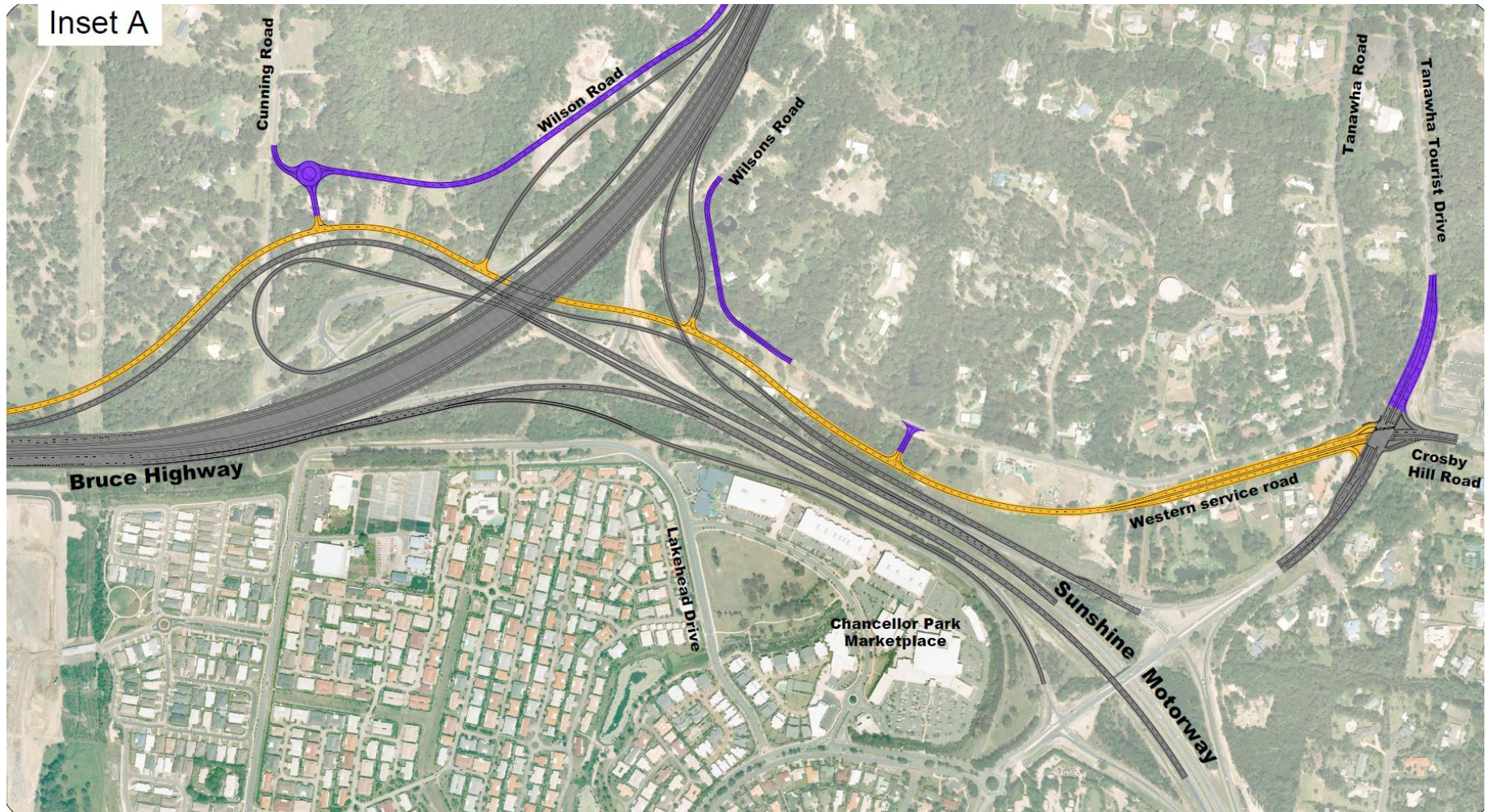
Project location



Caloundra Road Interchange



Sunshine Motorway Interchange



Risks

- Traffic management
- Construction of new bridges
- Demolition of existing bridge(s)
- Stakeholder management
- Environmental
- Hydraulics
- Geotechnical.

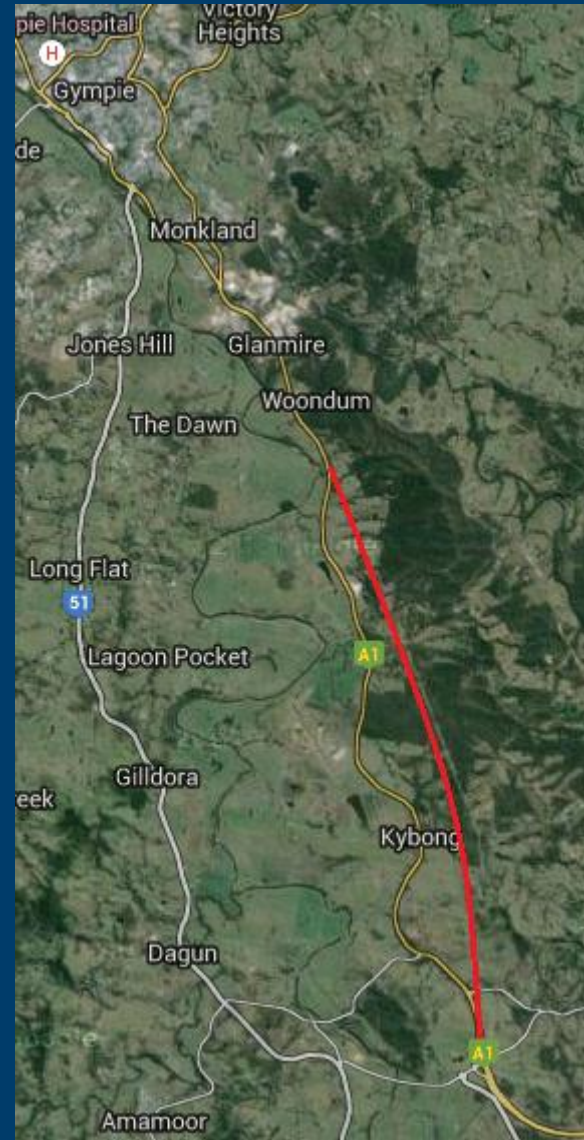
Delivery Mechanism

- **Delivery Mechanism**
 - Construction Contract delivery through Double Early Contractor Involvement (dECI).
 - Two stage tender process.
- **Prequalification level**
 - Design: BD3, ES1, GE3, HD3, TE3
 - Construction: R5, B4, F150 PLUS.

Timetable

- Expressions of Interest – September 2015
- Commence stage 1 dECI – November 2015
- Award stage 2 (construction) dECI – June 2016
- Complete construction – mid 2020.

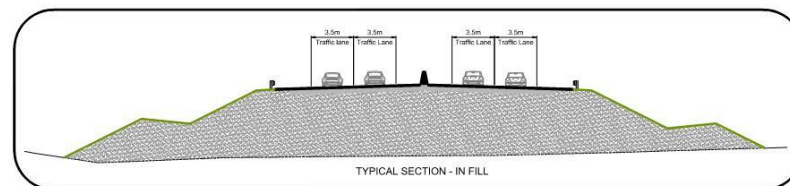
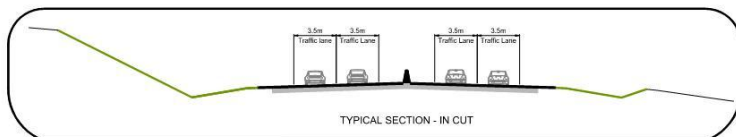
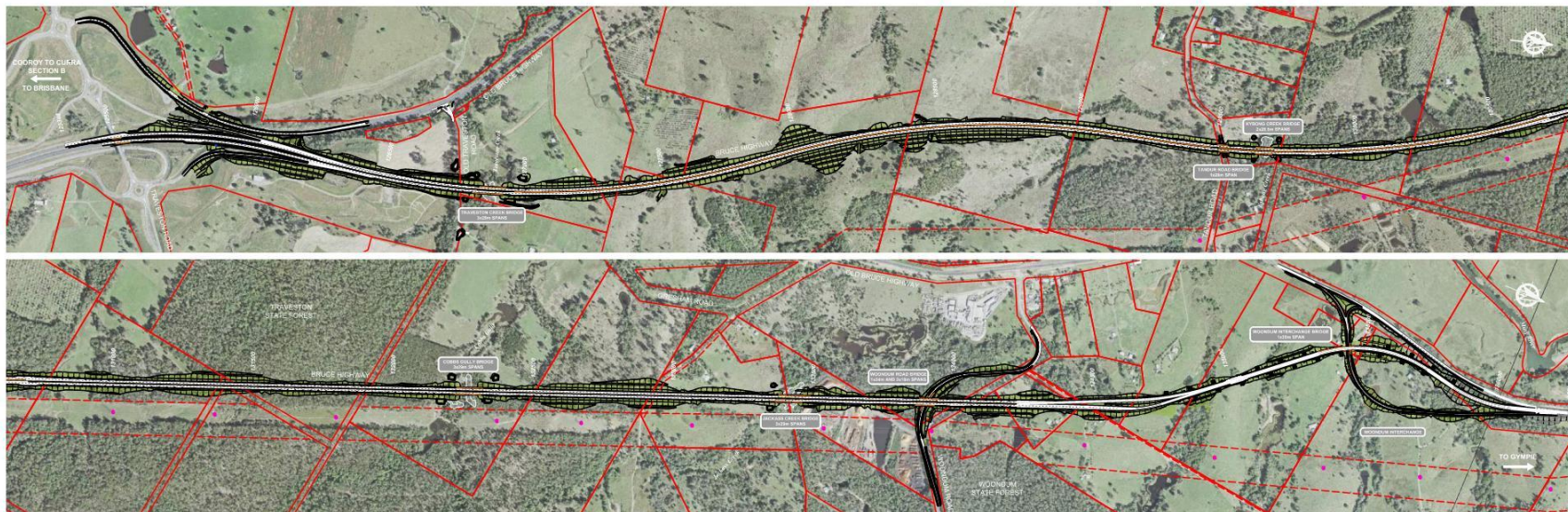
Cooroy to Curra – Section C



Budget and Scope

- QTRIP project value – \$624 million
- Construction estimate – up to \$320 million.
- Current early works package underway
- 10.5km main project
- Four lanes with median
- Seven new bridge crossings
- Approximately 3 million m³ earthworks
- Asphalt pavement.

Project location



Project location



Project location



Risks and Delivery Mechanism

- **Key Risks**
 - Environmental
 - Drainage
 - Earthworks.
- **Delivery Mechanism**
 - Construction Contract, single stage TIC-CO.
- **Prequalification level**
 - Construction: R4, B3, F150 PLUS.

Timetable

- Invitation to Tender – October 2015
- Letter of Acceptance – March 2016
- Complete construction – Mid 2018.

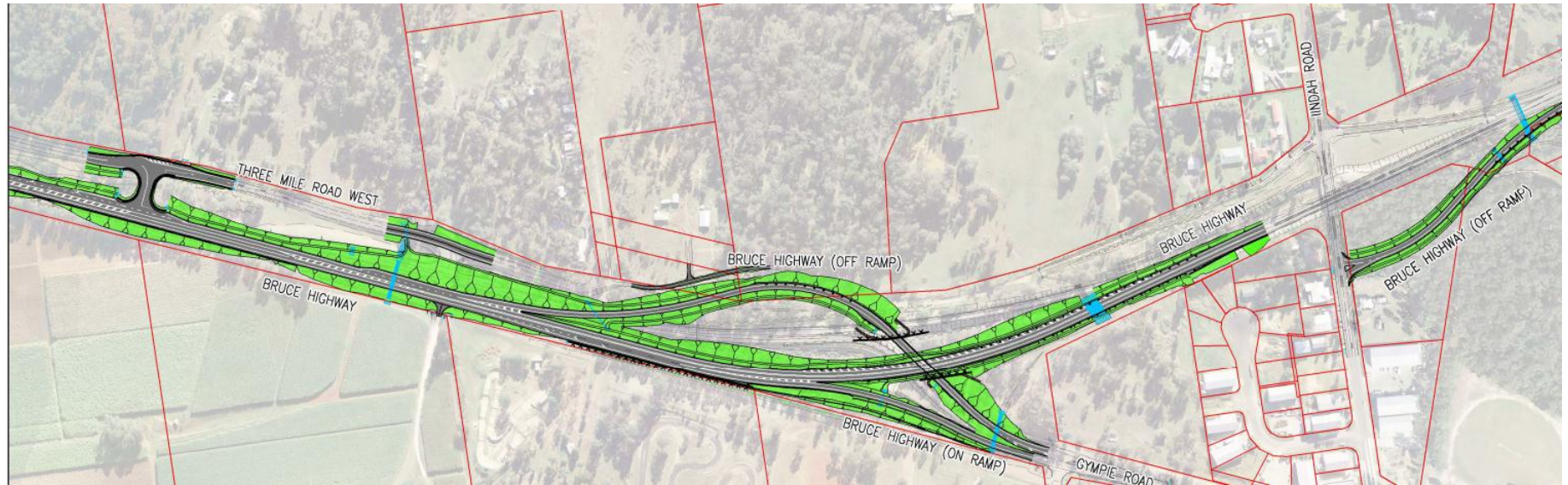
Tinana Overpass



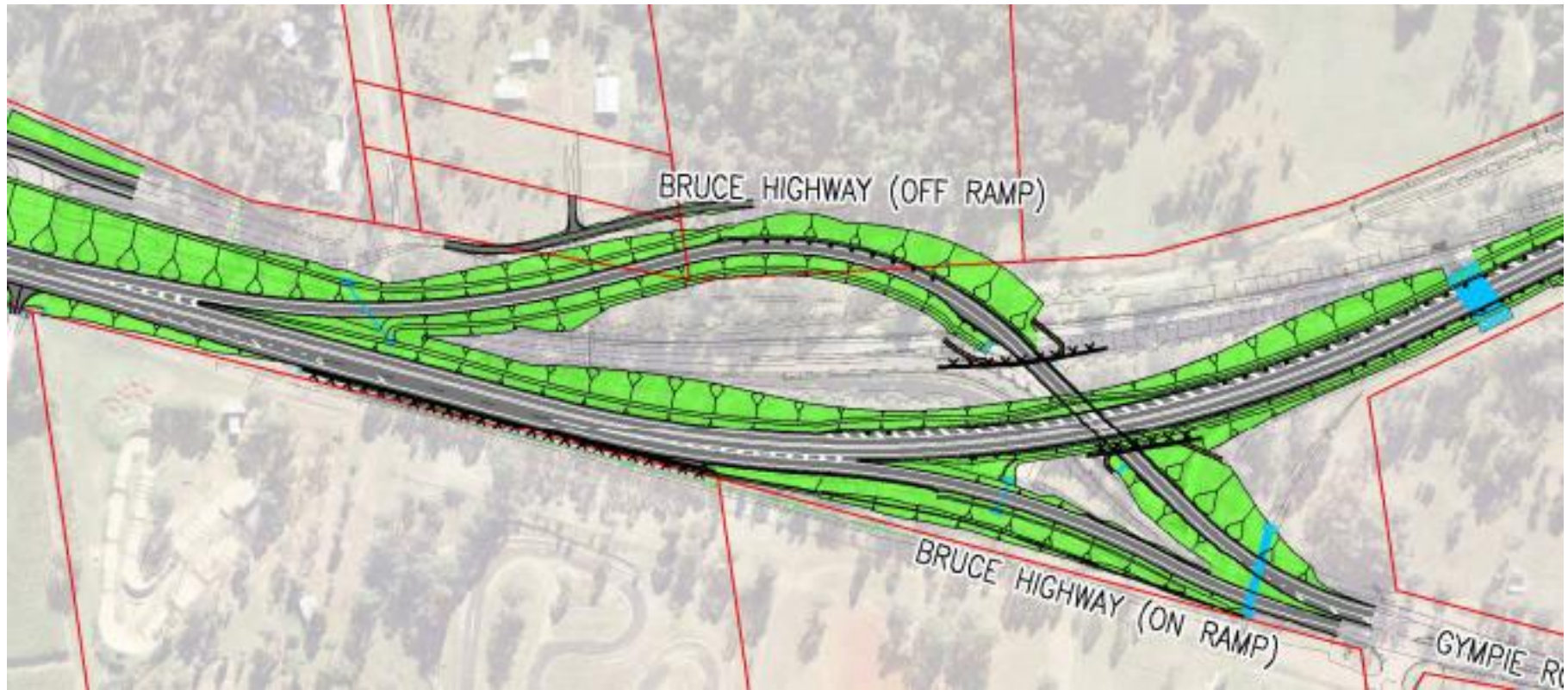
Budget and Scope

- QTRIP project value – \$38 million
- Construction estimate – up to \$28.5 million.
- Upgrade northbound off ramp
- New 60m single lane overpass
- Improve southbound on ramp merge
- Relocate southbound off ramp to indah Road
- Realign northbound lane
- Demolition of existing overpass.
- Relocate Three Mile Road west intersection.

Project Layout



Project Layout



Risks and Delivery Mechanism

- **Key Risks**
 - Traffic management
 - Connections with side roads.
- **Delivery Mechanism**
 - Construction Contract, TIC-CO.
- **Prequalification level**
 - Construction: R2, B2/3 (TBC), F50.

Timetable

- Invitation to Tender – Feb 2016
- Letter of Acceptance – May 2016
- Complete construction – Mid 2017.

Planning and Design Projects

North Coast District

Project	Project Name	Description / Scope	Procurement method	Approx. quarter to be called	Note	Est contractor /consultant budget
250/120/403	Redcliffe Road and Duffield Road Intersection	Improve intersection and Auxiliary lane	Restricted Tender	Jul – Sept 2015	packaged design contract	135,000
250/120/404	Redcliffe Road (Anzac Avenue) 10.43 - 13.82km					
250/P012/1	Morayfield Bus Station (Leda Boulevard)	Upgrade bus facility	Restricted Tender	Jul – Sept 2015	Design	tbc
280/10A/1	Bruce Highway 6 laning (Caloundra Rd - Sunshine Motorway)	Widen to six lanes	Open Tender	Jul – Sept 2015	Design	tbc
D07/G001/900	Coast Connect Route Strategy Review (various locations)	Undertake transport project planning	Restricted Tender	Jul – Sept 2015	Planning	90,000

North Coast District

Project	Project Name	Description / Scope	Procurement method	Approx. quarter to be called	Note	Est contractor /consultant budget
250/403/950	South Pine Road - Route Strategy - Undertake Transport Planning (0 - 8.44km)	Undertake transport project planning – route strategy	Restricted Tender	Oct – Dec 2015	Planning	100,000
280/132/901	Caloundra Road - East / West Link Options Analysis (Pelican Waters Boulevard - Future Bells Creek Arterial)	Undertake transport project planning – Options analysis	Restricted Tender	Oct – Dec 2015	Planning	250,000
280/135/950	Maroochydore Road to Mooloolaba Road - Horton Parade, Aerodrome Road	Undertake transport project planning – link strategy	Restricted Tender	Oct – Dec 2015	Planning	150,000
280/D001/900	Palmview and Sippy Downs Access Works (various locations)	Undertake transport project planning	Restricted Tender	Oct – Dec 2015	Planning	350,000
D07/D001/954	Nambour Hospital Precinct Access Strategy	Undertake transport project planning	Restricted Tender	Oct – Dec 2015	Planning	80,000
D07/D002/900	High Risk Batter Slope Slips (various locations)	Undertake preliminary Business Case	Restricted Tender	Oct – Dec 2015	Planning	70,000
280/490/900	Glasshouse Mountains Road (0 - 30.14km)	Undertake design review and corridor protection exercise	Restricted Tender	Oct – Dec 2015	Planning	250,000

North Coast District

Project	Project Name	Description / Scope	Procurement method	Approx. quarter to be called	Note	Est contractor /consultant budget
R07/R002/901	Safety and Critical Maintenance Upgrades (various locations)	Undertake preliminary engineering design - Scoping	Restricted Tender	Jan – Mar 2016	Planning	100,000
D07/D001/900	Samford Valley Bypass Options Analysis	Undertake transport project planning	Restricted Tender	Jan – Mar 2016	Planning	150,000
D07/D001/901	Sunshine Motorway, Pacific Paradise to Emu Mountain Road (various locations)	Undertake design review and corridor protection exercise	Restricted Tender	Jan – Mar 2016	Planning	150,000
D07/10A/900	Bruce Highway (Brisbane – Gympie)	Concept planning for Bruce Highway improvements between Pine River and Caloundra Road	Restricted Tender	Jan – Mar 2016	Planning	tbc
D07/D001/950	Brisbane Valley Highway Route Strategy (Warrego Highway - D'Aguilar Highway)	Undertake transport project planning – Route Strategy	Restricted Tender	Apr – Jun 2016	Planning	40,000

Wide Bay Burnett District

Project	Project Name	Description / Scope	Procurement method	Approx. quarter to be called	Note	Est contractor /consultant budget
228/10C/19	Nth of Nulla Flats HVRA: Sthbound O/T lane	Design of new southbound overtaking lane (35.6 - 36.8km) and road widening and strengthening (34.7 - 36.1km)	Restricted Tender	Jul – Sept 2015	Design - packaged contract	200,000
228/10C/20	Nth of Nulla Flat HVRA (34.78 - 36.1km): Widening for WCLT					
211/10c/14	North of Booyal (Loeskows Road - Inskips Road)	road widening and strengthening (92.8 - 93.5KM)	Restricted Tender	Oct – Dec 2015	Design	60,000
211/10D/6	North of Monduran Dam Road (Carman Road - Langbeckers Nurseries)	road widening and strengthening (21.6 - 24.0KM)	Restricted Tender	Oct – Dec 2015	Design	200,000
228/10c/18	Cherwell River	road widening and strengthening (40.8 - 41.5KM)	Restricted Tender	Oct – Dec 2015	Design	35,000
232/143/2	Coondoo Creek Bridge Replacement	Design for bridge replacement and approaches (34.3km)	Restricted Tender	Oct – Dec 2015	Design	tbc
228/163/2	Access to St Helen's School at Bongoola Road	Install traffic signals & intersection improvements	Restricted Tender	Oct – Dec 2015	Design	120,000
232/10b/3	Curra Creek - Curra Creek Overflow	road widening and guardrail (21.9 - 22.3km)	Restricted Tender	Jan – Mar 2016	Design	50,000

Wide Bay Burnett District

Project	Project Name	Description / Scope	Procurement method	Approx. quarter to be called	Note	Est contractor /consultant budget
211/10C/951	Bruce Highway (Childers Bypass)	Strategic planning for Childers bypass	Restricted Tender	Jul – Sept 2015	Planning	200,000
228/10B/903	Bruce Highway (Gympie - Maryborough) Flood Immunity Upgrade	Business Case for flood immunity upgrades to Chinaman Ck (north of Tiaro) and Black Swamp Ck (south of Tiaro)	Restricted Tender	Jul – Sept 2015	Planning	85,000
228/10C/902	Bruce Highway (Maryborough - Gin Gin) Flood Immunity Upgrade	Business Case for flood immunity upgrade to bridge over Saltwater Ck north of Maryborough	Restricted Tender	Jul – Sept 2015	Planning	100,000
228/163/903	Maryborough - Hervey Bay Road Urban Intersection Upgrade	Develop options analysis and business cases for improvements to 3 intersections on the Maryborough Hervey Bay Rd, Hervey Bay.	Restricted Tender	Jul – Sept 2015	Planning	170,000
228/166/900	Maryborough - Cooloola Road Urban Intersection Upgrade	Develop options analysis and business cases for improvements to 3 intersections on Alice (Maryborough - Cooloola Coast Road, Maryborough.	Restricted Tender	Jul – Sept 2015	Planning	170,000
211/D001/900	Bundaberg Bus Facility	Develop BC for upgraded Bus Facility, Bundaberg	Restricted Tender	Jul – Sept 2015	Planning	tbc
228/D001/901	Hervey Bay Bus Facility Options Analysis	Develop an option for a Bus Station, Hervey Bay	Restricted Tender	Jul – Sept 2015	Planning	tbc

Wide Bay Burnett District

Project	Project Name	Description / Scope	Procurement method	Approx. quarter to be called	Note	Est contractor /consultant budget
211/R001/900	Bundaberg Urban Intersection Upgrade	Develop Options Analysis and business cases for improvements to 3 intersections within Bundaberg.	Restricted Tender	Oct – Dec 2015	Planning	90,000
232/10B/901	Bruce Highway (Gympie - Maryborough) Intersection Upgrade	Develop Options Analysis for improvements to intersections Bruce Highway and Wide Bay Highway, north of Gympie.	Restricted Tender	Oct – Dec 2015	Planning	100,000
211/D001/951	Bundaberg City - Cyle Paths - Priority Routes - Link Plan (various locations)	Develop Link plans for priority cycle networks in Bundaberg	Restricted Tender	Oct – Dec 2015	Planning	#N/A
D12/D001/952	District Wide - Road Freight Transport Network Study (various locations)	Develop Transport Network Study to identify network improvements to facilitate economic growth	Restricted Tender	Oct – Dec 2015	Planning	42,000
232/10B/900	Bruce Highway (Gympie - Maryborough) - Capacity and Safety Upgrades	Bruce Highway, Gympie to Curra. Existing Highway Alignment- Capacity and Safety improvements - Options Analysis.	Restricted Tender	Jan – Mar 2016	Planning	40,000

Construction Projects – Open Market

North Coast District

Project	Project Name	Local Government	Description / Scope	Location	Approx. quarter to be called	Approx. contract value (\$m)	Procurement method - Notes
280/10A/1	Bruce Highway 6 laning (Caloundra Rd - Sunshine Motorway)	Sunshine Coast Regional Council	Construct interchange & Bruce Highway additional lanes	Caloundra Road - Sunshine Motorway	Jul – Sept 2015	tbd	dECI - Shortlisting and design component only
250/10A/4	Boundary Road Interchange Upgrade	Moreton Bay Regional Council	Construct interchange	9.73 - 10.20km (adjacent to North Lakes town centre)	Jul – Sept 2015	89	Two stage TIC-CO
250/406/3	Caboolture River Bridge replacement	Moreton Bay Regional Council	Replace bridge and modify approaches	Caboolture River	Oct – Dec 2015	14	TIC-CO
250/P012/1	Morayfield Bus Station	Moreton Bay Regional Council	Upgrade bus facility	Leda Boulevard	Jan – Mar 2016	2	TIC-CO

Wide Bay Burnett District

Project	Project Name	Local Government	Description / Scope	Location	Approx. quarter to be called	Approx. contract value (\$m)	Procurement method - Notes
228/10B/13	Aborten HVRA exit to Deacons Creek, Glenwood	Fraser Coast Regional Council	Road widening, overlay and intersection improvements. Modify existing northbound overtaking lane	Five sections (4.7km) between 36.8 - 56.0km (Arbour Ten and Bauple Drive north)	Jul – Sept 2015	9	TIC-CO - Packaged contract
228/10B/14	Bauple-Woolooga Rd to Chapmans Rd						
228/10B/15	Beaumont Road Approaches						
228/10B/16	North of Bauple Drive						
228/10B/19	Northbound OT Lane						

Wide Bay Burnett District

Project	Project Name	Local Government	Description / Scope	Location	Approx. quarter to be called	Approx. contract value (\$m)	Procurement method - Notes
211/177/400	Near Sienna Boulevard	Bundaberg Regional Council	Provision of unsignalised pedestrian crossing facilities	Various	Jul – Sept 2015	0.8	TIC-CO - Packaged contract
211/19A/204	Mulgrave Street - Kendalls Road	Bundaberg Regional Council	Improve on road cycle facilities				
211/19A/400	Crook and Low Street Left Turn Slip Lane	Bundaberg Regional Council	Intersection improvements at Crook and Low Streets				
228/163/403	Pedestrian refuge near Howard St	Fraser Coast Regional Council	Provision of unsignalised pedestrian crossing facilities, near Howard Street				
228/163/404	Pedestrian refuge near Toni Street	Fraser Coast Regional Council	Provision of unsignalised pedestrian crossing facilities, near Toni Street				

Wide Bay Burnett District

Project	Project Name	Local Government	Description / Scope	Location	Approx. quarter to be called	Approx. contract value (\$m)	Procurement method - Notes
D12/D001/716 D12/D002/716	E17: 15/16 Resurfacing	Various	Bitumen Reseals	Gympie & South Burnett	Jul – Sept 2015	3	TIC-CO
D12/D001/716 D12/D002/716	E17: 15/16 Resurfacing	Various	Bitumen Reseals	Fraser Coast, Bundaberg & North Burnett	Jul – Sept 2015	3	TIC-CO
D12/D001/716 D12/D002/716	E17: 15/16 Resurfacing	Various	Asphalt	Gympie & Fraser Coast	Jul – Sept 2015	3.3	TIC-CO
D12/D001/716 D12/D002/716	E17: 15/16 Resurfacing	Various	Asphalt	Bundaberg & North Burnett	Jul – Sept 2015	3.3	TIC-CO

Wide Bay Burnett District

Project	Project Name	Local Government	Description / Scope	Location	Approx. quarter to be called	Approx. contract value (\$m)	Procurement method - Notes
228/10C/15	19 - 21.2km: Widening for WCLTSouth of Torbanlea	Fraser Coast Regional Council	Road widening and overlay.	19.00 - 21.20km (south of Hervey Bay / Torbanlea exit intersection)	Oct – Dec 2015	4.1	TIC-CO
232/10A/5	C2C Section C: Construction	Gympie Regional Council	Construct to new sealed four lane standard between Mary Valley link Road and Woondum Road	Cooroy - Curra (Traveston Road – Woondum Road) (Section C)	Oct – Dec 2015	320	TIC-CO

Wide Bay Burnett District

Project	Project Name	Local Government	Description / Scope	Location	Approx. quarter to be called	Approx. contract value (\$m)	Procurement method - Notes
228/10C/16	Doghole Ck (31.7 - 33.9), Widening for WCLT	Fraser Coast Regional Council	Road widening, overlay and new southbound overtaking lane	Three sections (3.7km) between 31.7 - 36.1km (Doghole Creek and Nulla Flats)	Jan – Mar 2016	9	TIC-CO - Packaged contract
228/10C/19	Nth of Nulla Flats HVRA: Sthbound O/T lane						
228/10C/20	Nth of Nulla Flat HVRA (34.78 - 36.1km): Widening for WCLT						
228/10B/10	Tinana overpass (79.66 - 81.72km)	Fraser Coast Regional Council	Grade separation - bridge works	Old Gympie Road intersection (Tinana overpass)	Jan – Mar 2016	28.5	TIC-CO
211/10D/6	North of Monduran Dam Road (Carman Road - Langbeckers Nurseries)	Bundaberg Regional Council	Road widening and overlay	21.60 - 24.00km (Carman Road - Langbeckers Nurseries)	Apr – Jun 2016	3.6	TIC-CO

Contact Us

- North Coast District - northcoast@tmr.qld.gov.au
- Wide Bay Burnett District - bundaberg.office@tmr.qld.gov.au

Thank you
