

Metropolitan Regional Industry Briefing

Queensland Transport and Roads Investment Program 2016–17

Penny Ford, Regional Director

Agenda

Our region

Our program

Significant projects

Construction projects

Metropolitan Region

An aerial photograph of a metropolitan region. In the background, a city skyline with several tall skyscrapers is visible. A river winds through the middle ground, with a bridge crossing it on the right. The foreground is dominated by a large, multi-level highway interchange with several overpasses. The surrounding area is densely packed with residential houses and green trees. The sky is clear and blue.

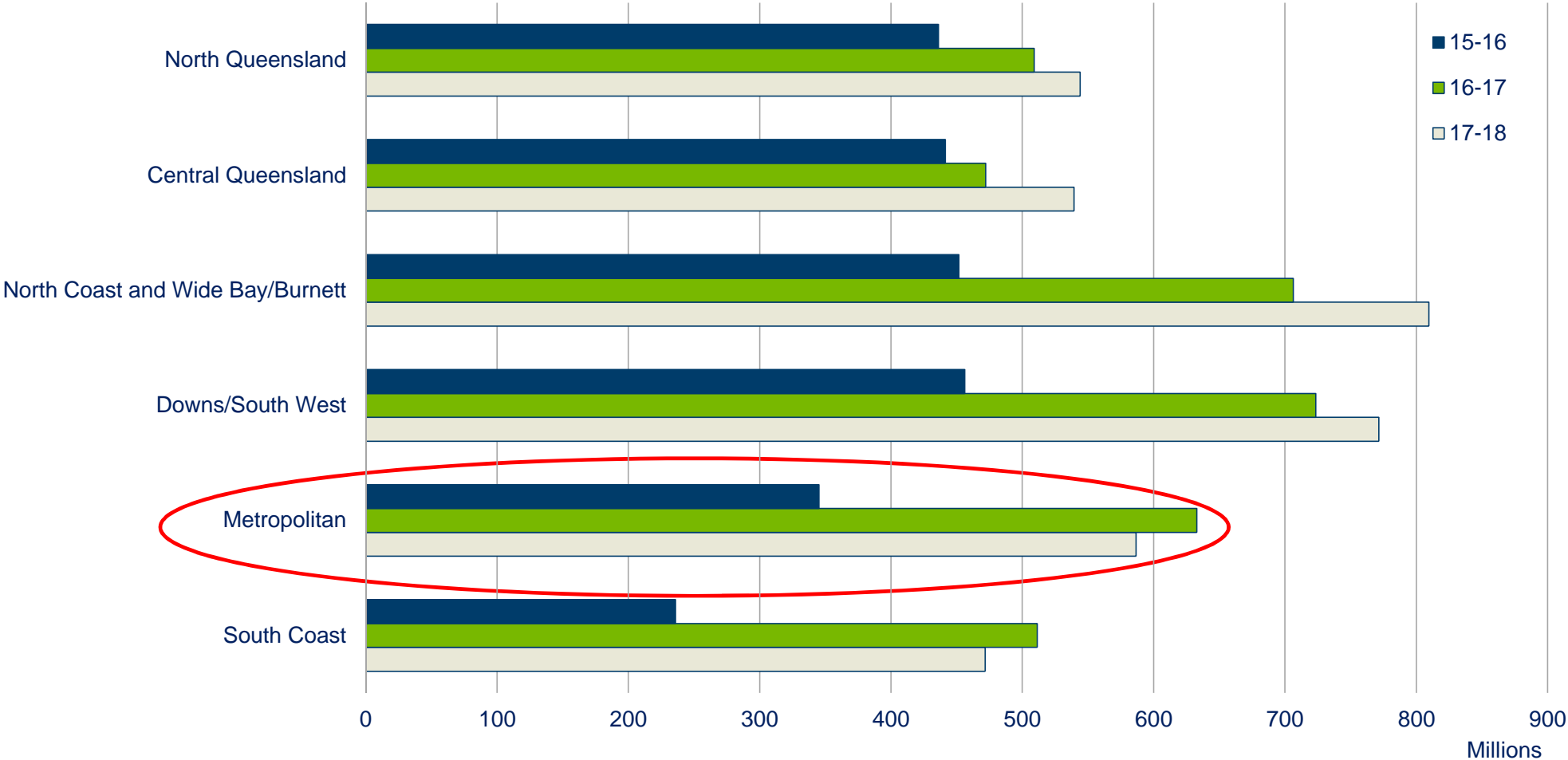
Metropolitan Region



Our program



Transport and Main Roads regional program values



Our program

QTRIP funding allocations	2016-17	Four year total
Metropolitan District	\$ 633m	\$ 2,451m



Our program

Significant projects:

- Gateway Upgrade North
- Rocklea to Darra

Construction projects:

- Mount Crosby Road – Delacy Street / Pine Street
- North Brisbane Cycleway – Somerset Street / Rigby Street
- Safety Works – various projects.

Gateway Upgrade North



Budget and scope

Contract value = \$632 million

80:20 joint funding by Australian and Queensland governments.

Gateway Upgrade North

Risks and delivery mechanism

Key Risks	Delivery mechanism
Stakeholder Management	Early Contractor Involvement Procurement Process
Traffic management	Roads and Maritime Services Deed, Design and Construct
Public utility plant (PUP) relocations	
Design and Construction management	Pre-qualification level
	F150PLUS, R5, B4
	BD3, ES1, GE3, HE3, HD3, TE3
Timetable	Date
Contract award	Q2 2015
Start of construction	Q1 2016
Complete construction	Q4 2018

Rocklea to Darra, Ipswich Motorway Upgrade (Stage 1 Package 1)

Budget and scope

Estimated Contract Value
= \$180 million

50:50 joint funding by
Australian and
Queensland governments.



Stage 1: Granard Road (Rocklea) to Oxley Road (Oxley)

Rocklea to Darra, Ipswich Motorway Upgrade (Stage 1 Package 1)

Risk and delivery mechanism

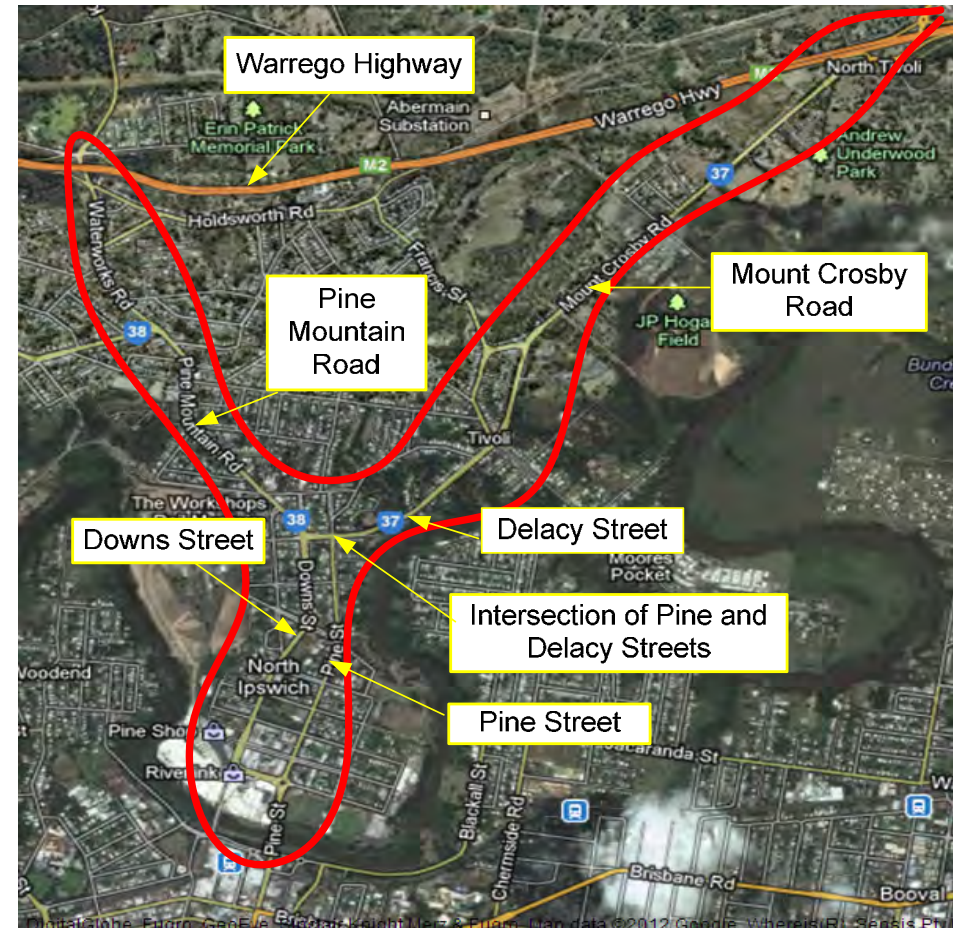
Key Risks	Delivery mechanism
Land acquisitions	Early Contractor Involvement Procurement Process
Traffic management	Collaborative Project Agreement Contract, Design and Construct
Public utility plant (PUP) relocations	
Design and Construction management	Pre-qualification level
	R5/B4/F-open
	BD3, HE3, HD3, TE3, GE3
Timetable	Date
Request for proposals	20 May 2016
Contract award	Q1 2017
Complete construction	2019

Construction Project

Mount Crosby Road – Pine and Delacy Streets Intersection Upgrade

Budget and scope

Estimated Contract Value = \$2 million.



Mount Crosby Road – Pine and Delacy Streets Intersection Upgrade

Risk and delivery mechanism

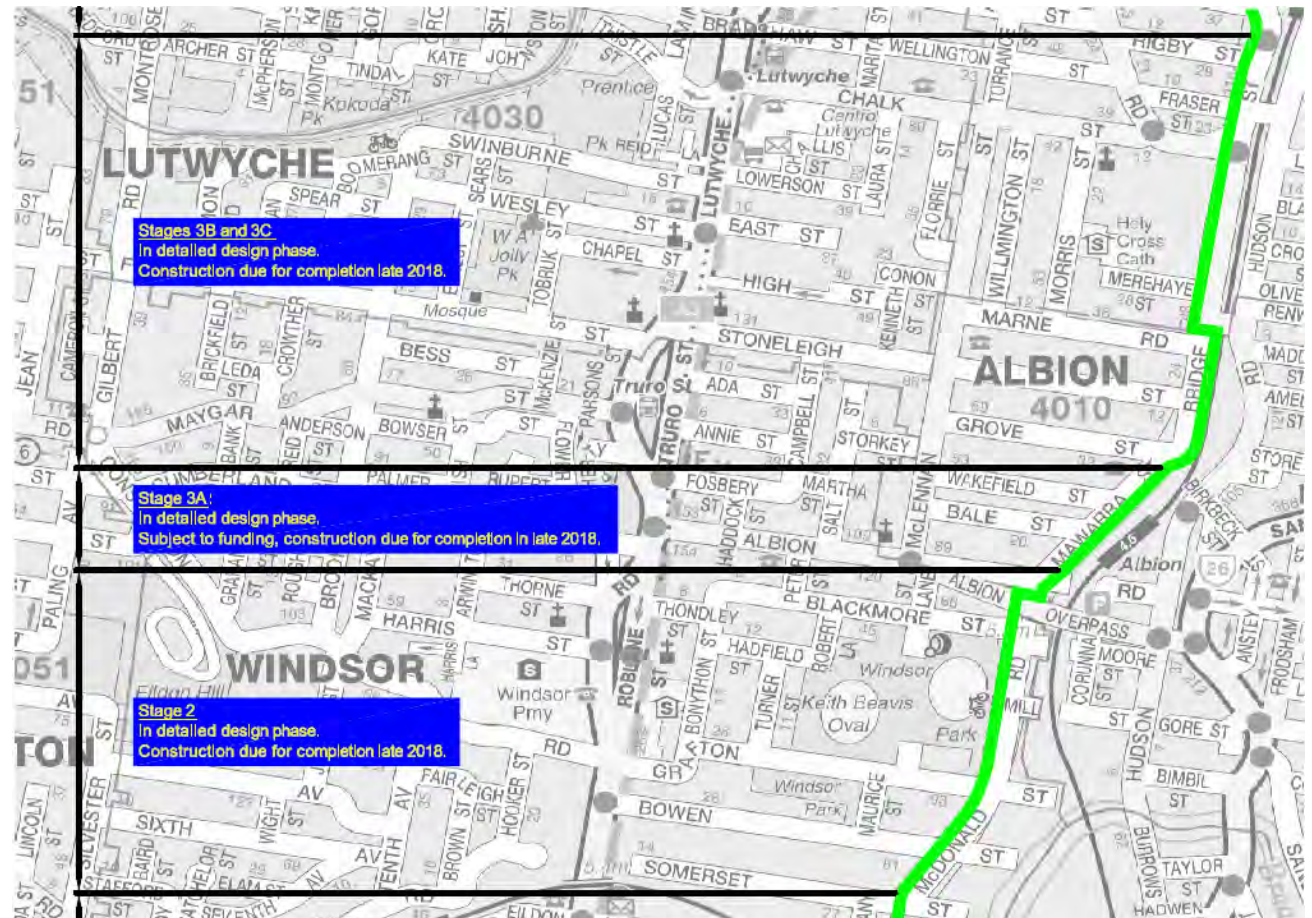
Key Risks		Delivery mechanism
Stakeholder Management		TIC-CO
Constrained Environment		
		Pre-qualification level
		R3, F2
Timetable		Date
Invitation to Tender		Q3 2016
Letter of Acceptance		Q4 2016
Complete construction		Q2 2017

Construction Project

North Brisbane Cycleway – Stages 2 and 3

Budget and scope

Estimated Contract Value
= \$6.1 million.



North Brisbane Cycleway – Stages 2 and 3

Risk and delivery mechanism

Key Risks	Delivery mechanism
Stakeholder Management	TIC
Traffic Management	
	Pre-qualification level
	TBA
Timetable	Date
Invitation to Tender	Q1 2017
Letter of Acceptance	Q2 2017
Complete construction	Q3 2018

Construction Projects

Safety Works – various projects

Budget and scope

- Projects Total Estimated Contract Value = \$8.3 million

Typical Construction Projects – Safety Program

- Redland Sub-Arterial Road (Moxon Road – Tingalpa Creek Bridge) (\$1.1 million)
- Rosewood – Warrill View Road; Cobb Lane (\$1.8 million).

Safety Works (all projects)

Risk and delivery mechanism

Key Risks	Delivery mechanism
Public Utility Services	TIC-CO
Traffic Management	Pre-qualification level
Stakeholder Management	R2, F2
	R2, F5 (Rosewood – Warrill View Road)
Timetable	Date
Invitation to Tender	From Q3 2016
Letter of Acceptance	From Q4 2016
Complete construction	From Q2 2017

Thank you

North Coast and Wide Bay / Burnett Regional Industry Briefing

Queensland Transport and Roads Investment Program 2016-17

Doug Wass, Regional Director

Agenda

Our region

Our program

Significant projects

Planning and design projects

Construction projects

Our region

North Coast and Wide Bay / Burnett Region

Doug Wass

Regional Director

Stephen Mallows

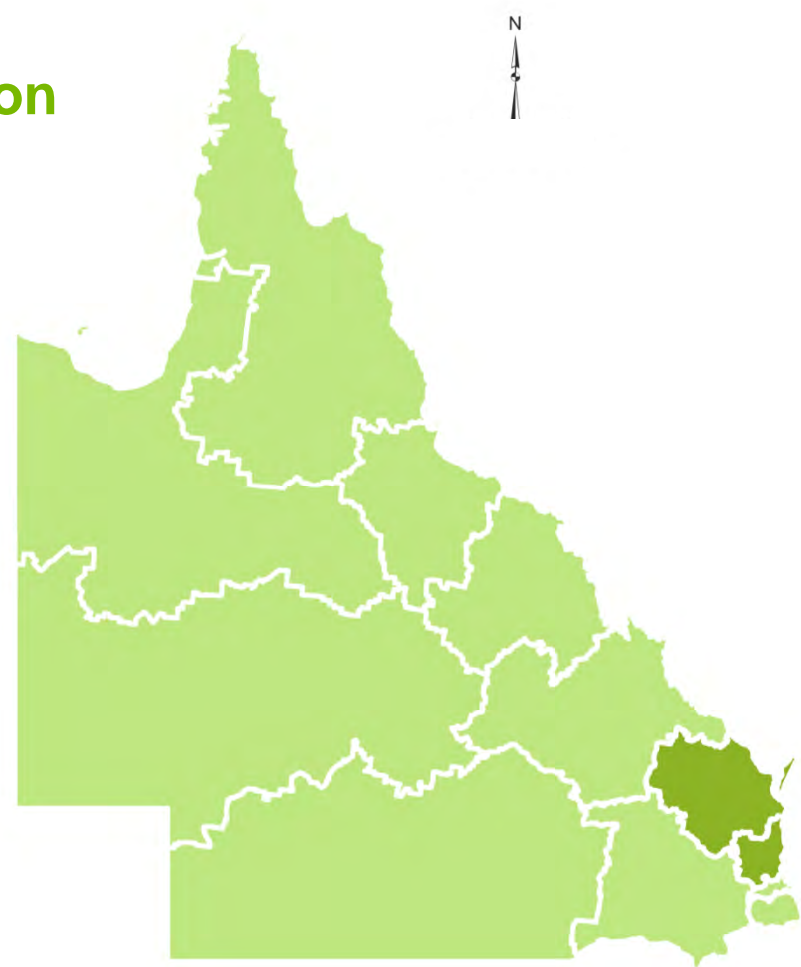
District Director

North Coast District

Adam Williams

District Director

Wide Bay/Burnett District



North Coast Wide Bay/Burnett Region



- Legend**
- North Coast District
 - Wide Bay/Burnett District
 - National road network
 - State strategic road network
 - State regional and other district road
 - National rail network
 - Other railway
 - Local government boundary

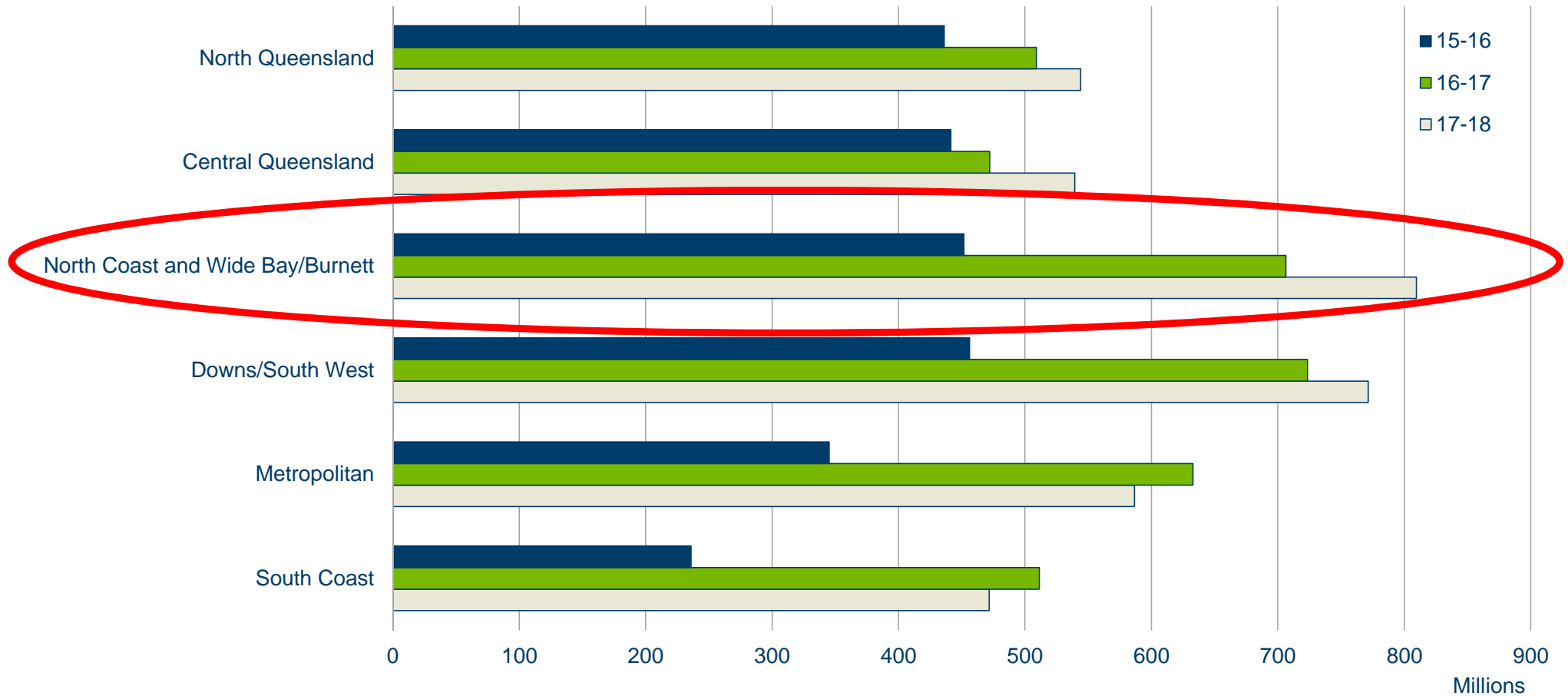


Our program

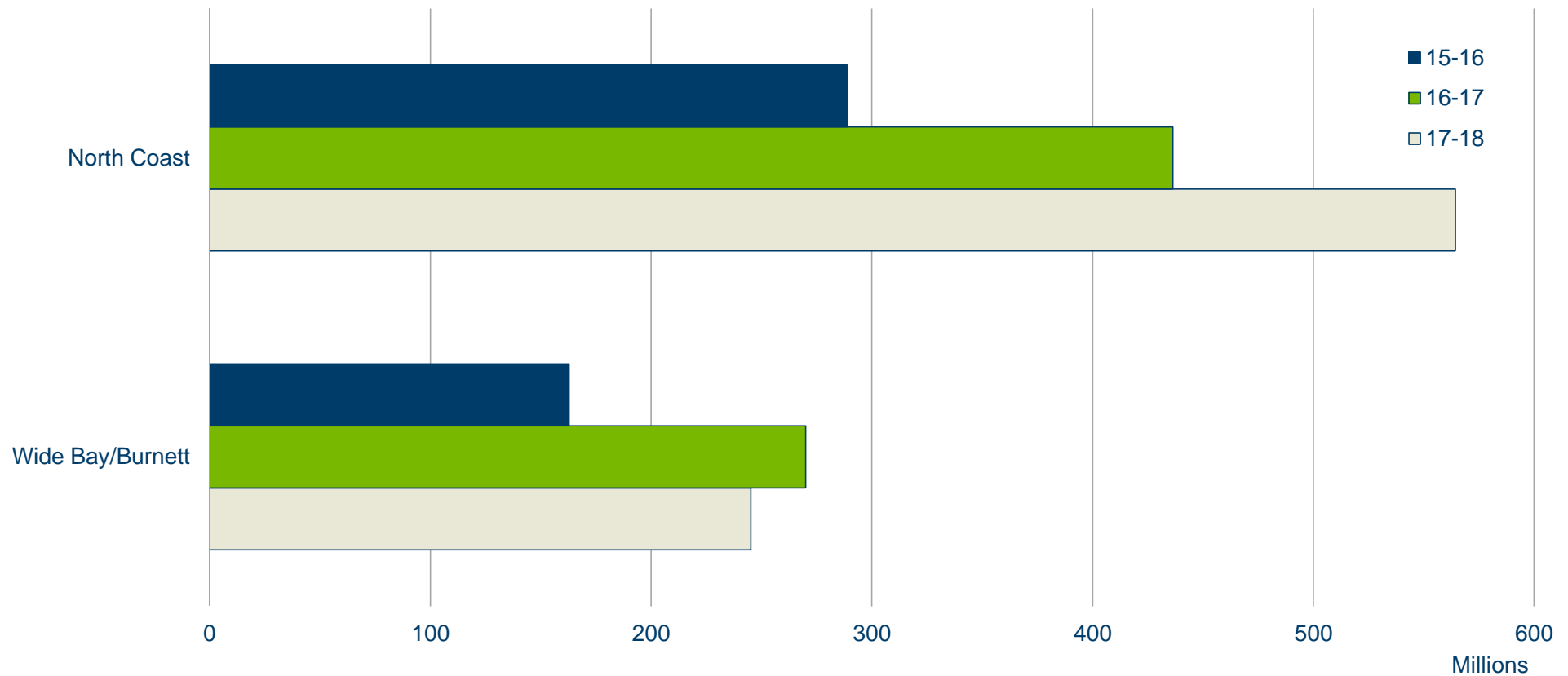
QTRIP funding allocations	2016-17	Four year total
North Coast District	\$ 436m	\$ 2,020m
Wide Bay/Burnett District	\$ 270m	\$ 890m



Transport and Main Roads regional program values



North Coast and Wide Bay/Burnett regional program values



Significant projects – North Coast District

- Caloundra to Sunshine Motorway Project (Bruce Highway)
- Caboolture – Bribie Island Road to Caloundra Road Safety Barriers (Bruce Highway).



Caloundra to Sunshine Motorway Project (Bruce Highway)

- Project Number 280/10A/1
- Tenders closed March 2016
- Tender Assessment is being finalised and the winning tenderer will be publically announced.

Construction work expected to start in Q4 2016 and continue until 2020

Caboolture – Bribie Island Road to Caloundra Road Safety Barriers (Bruce Highway)

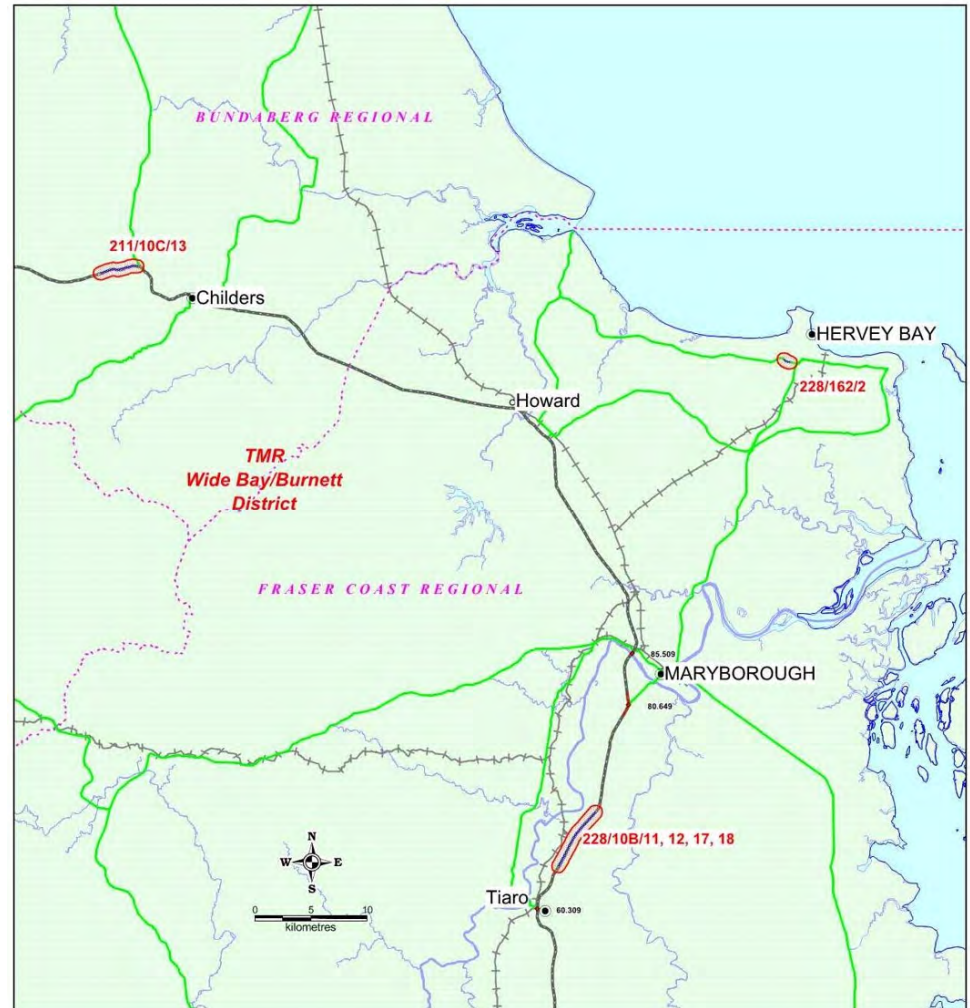
- Project Numbers D07/10A/403, 404 and 405
- Installation of safety barriers in three contracts
- Procurement method is open tender.

Caboolture – Bribie Island Road to Caloundra Road Safety Barriers (Bruce Highway)

Project Number	Location	Approximate quarter to be called	Estimated contract value
D07/10A/404	Caboolture – Bribie Island Road to Pumicestone Road	Q3 2016	\$6.3m
	Pumicestone Road to Tibrogargan Creek	Q4 2016	\$11.2m
D07/10A/403 D07/10A/405	Tibrogargan Creek to Caloundra Road	Q1 2017	\$30m

Significant projects – Wide Bay/Burnett District

- Bruce Highway, north of Tiaro, widening, overlay and overtaking lanes
- Pialba – Burrum Heads Road (Hervey Bay), reconfigure intersection
- Bruce Highway, north of Childers, rehabilitate and widen.



Bruce Highway, north of Tiaro

- Project numbers 228/10B/11, 12, 17 and 18
- Two overtaking lanes plus widen and overlay on two other sites
- Estimated contract value \$12.5 million
- Invitation to tender Q4 2016.

Estimated construction completion – March 2018

Pialba to Burrum Heads Road (Hervey Bay)

- Project Number 228/162/2
- Reconfigure the intersections of Scrub Hill Road and Wide Bay Drive with the Pialba – Burrum Heads Road.
- Estimated contract value \$12 million
- Invitation to tender Q1 2017.



Estimated construction completion – August 2018

Bruce Highway, north of Childers

- Project Number 211/10C/13
- Rehabilitate and widen, north of Childers
- Estimated contract value \$10 million
- Invitation to tender Q2 2017.

Estimated construction completion – March 2018

Our projects – planning and design

North Coast District

Project Name	Work Type	Procurement Method	Approx quarter to be called	Est contract budget (\$'000)
Sunshine Motorway – Managed Motorways	Planning – Options Analysis and Business Case	Sole Invitation	Q1 2017	40
Yandina – Bli Bli Road	Planning – Route Study	Restricted Tender	Q4 2016	120
Eumundi Kenilworth Road	Planning – Route Study	Restricted Tender	Q1 2017	180
Beckmans Road Upgrade	Planning – Business Case	Restricted tender	Q4 2016	200

Our projects – planning and design

Wide Bay/Burnett District

Project Name	Work Type	Procurement Method	Approx quarter to be called	Est contract budget (\$'000)
Chinchilla – Wondai Road, timber bridge replacement	Planning – Options Analysis and Business Case to replace a timber bridge	Restricted Tender	Q2 2017	40
Mundubbera – Durong Road, shoulder sealing	Planning – Options Analysis and Business Case	Restricted Tender	Q2 2017	40
Active Transport on Normanby Bridge, Gympie	Planning – Options Analysis and Business Case	Restricted Tender	Q2 2017	40

Our projects – planning and design

Wide Bay/Burnett District

Project Name	Work Type	Procurement Method	Approx quarter to be called	Est contract budget (\$'000)
Active Transport over Washpool Creek culvert on Goodwood Road in Bundaberg	Planning – Options Analysis and Business Case	Sole Invitation	Q1 2017	70
Bruce Highway – priority flood immunity	Planning – Options Analysis and Business Case	Restricted Tender	Q4 2016	120

Our projects – construction

North Coast District

Project	Name	Work Type	Procurement Method	Approx quarter to be called	Est contract budget
280/138/1	Yandina-Coolum Road	Widen pavement	Open Tender	Q3 2016	\$2.8m
250/121/401	Park / Lipscombe Roads	Intersection improvement	Open Tender	Q3 2016	\$1.6m
250/120/404	Anzac Avenue	Widening for cycle lanes	Open Tender	Q3 2016	\$5.0m
	Deception Bay Road	Asphalt rehabilitation	Open Tender	Q3 2016	\$2.3m

Our projects – construction

Wide Bay/Burnett District

Project	Name	Work Type	Procurement Method	Approx quarter to be called	Est contract budget
211/10D/6	Bruce Highway	Widen and overlay	Open Tender	Q2 2017	\$3.8m
D12/D001/717	North Burnett	Asphalt resurfacing	Open Tender	Q1 2017	\$4m
	South Burnett	Reseal, bitumen chip	Open Tender	Q3 2016	\$3m
	Various locations	Reseal, bitumen chip	Open Tender	Q3 2016	\$1.6m

Thank you

South Coast Regional Industry Briefing

Queensland Transport and Roads Investment Program 2016–17

Paul Noonan, Regional Director

Agenda

Our region

Our program

Significant projects

Construction projects

Our region



Our region

South Coast Region

Paul Noonan
Regional Director

Alan Stone
**District Director
(South Coast)**



Our region

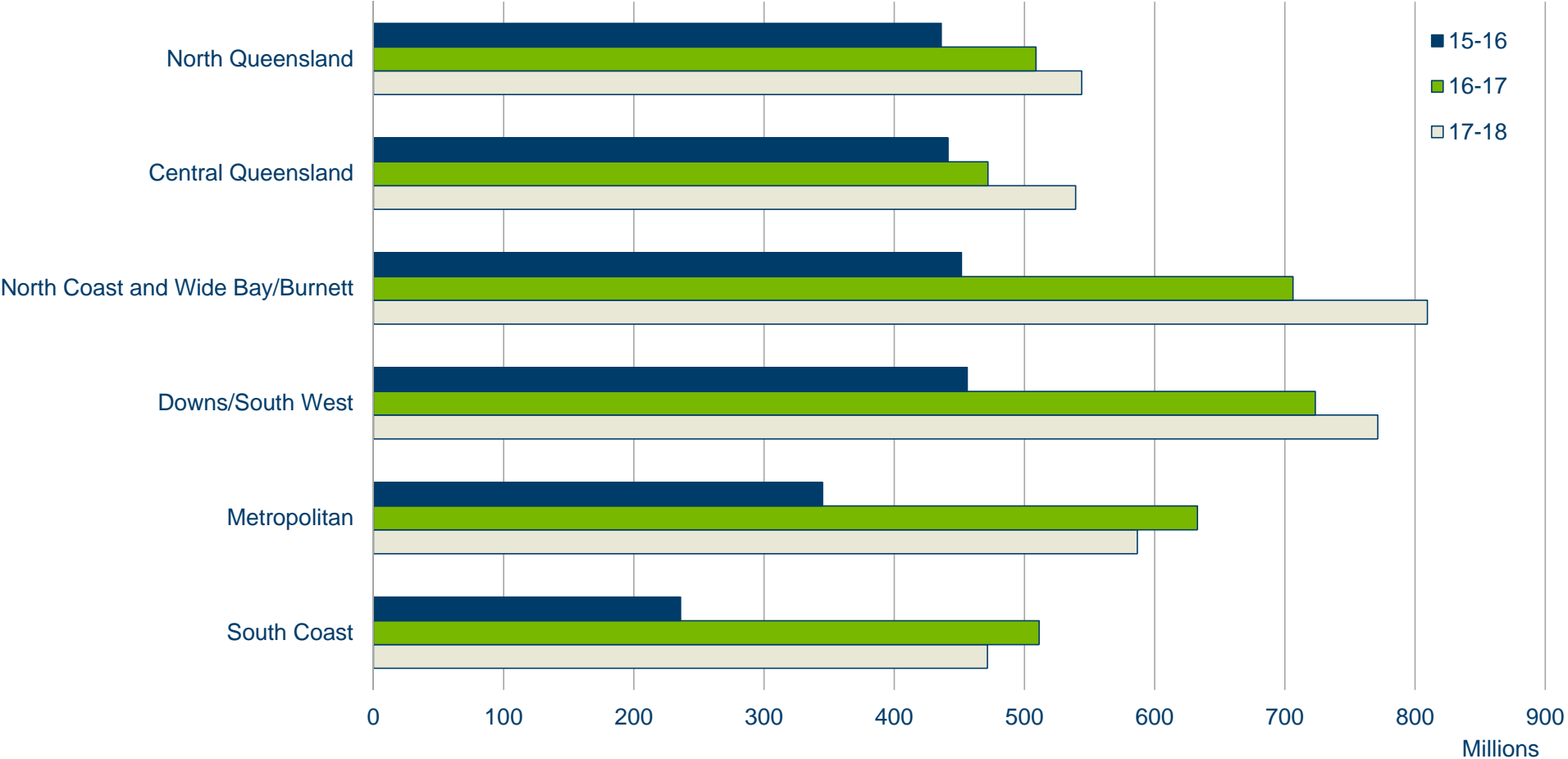
Our opportunities and challenges



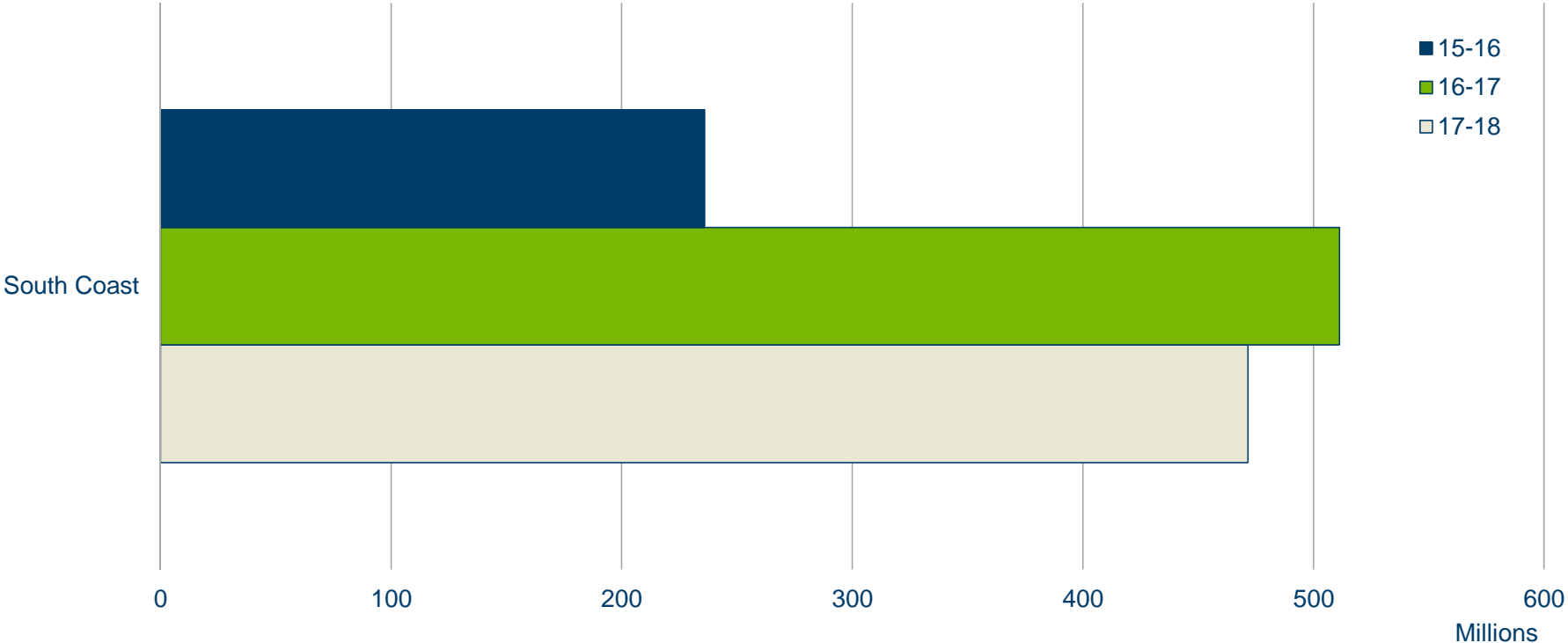
An aerial photograph showing a complex multi-level highway interchange with several overpasses and ramps. The road is filled with cars. To the left of the interchange is a large green field with a red running track and several large buildings, including a prominent one with a red and white facade. The background features a dense residential area and a city skyline with numerous skyscrapers under a clear blue sky.

Our program

Transport and Main Roads regional program values



South Coast regional program values



Our program

QTRIP funding allocations	2016-17	Four year total
South Coast District	\$ 511m	\$ 1,197m



Our program

Significant projects

- Waterford –Tamborine Road
- Nerang – Broadbeach Road
- M1/M3 Merge Upgrade
- M1 Upgrade – Mudgeeraba to Varsity Lakes.

Waterford–Tamborine Road

Risks and delivery mechanism

Risks	Delivery mechanism
Public utility plant (PUP) relocations adjacent to development site interaction	TIC-CO
	Pre-qualification level
	R4, F20
Timetable	Date
Invitation to Tender	Q1 2017
Letter of Acceptance	Q2 2017
Complete construction	Q3 2018

240/207/5: Waterford – Tamborine Road

Sections: 11.34 – 13.40km (Anzac Avenue – Hotz Road)

Budget and scope

The **\$26** million project will:

- Upgrade the intersections of Waterford–Tamborine Road and;
 - Anzac Avenue
 - Stockleigh Road
 - Pioneer Drive, and
 - Hotz Road
- Duplicate the existing 2.6 kilometre stretch between Anzac Avenue and Hotz Road from one to two lanes in each direction
- Install a centre median to separate northbound and southbound traffic lanes
- Signalised emergency access for Fire and State Emergency Services.

Tender to be called – Q4 2016

Waterford–Tamborine Road project location

- The Waterford–Tamborine Road Intersection Upgrade spans from Anzac Avenue (Logan Village) to Hotz Road (Yarrabilba).



Nerang–Broadbeach Road

Risks and delivery mechanism

Risks	Delivery mechanism
High-volume traffic environment	TIC-CO
Stakeholder management	

Pre-qualification level
R3 or R4

Timetable	Date
Invitation to Tender	Q4 2016
Letter of Acceptance	Q1 2017
Complete construction	Q4 2017

Nerang–Broadbeach Road

Budget and scope

The **\$5.5** million roundabout upgrade will include:

- an additional lane from Gooding Drive east through to Gooding Drive west
- a slip lane for northbound traffic turning from Gooding Drive west onto Nerang–Broadbeach Road
- increasing pedestrian and cyclist connections
- modifying and extending the existing footpaths located on the southeast corner of the roundabout
- installation of signage and line marking to inform early lane selection
- Installation of signals at the intersection of Palm Meadows and Gooding drives.

Tender to be called – Q4 2016

Nerang–Broadbeach Road project location

- The Gooding Drive roundabout connects Nerang–Broadbeach Road, Gooding Drive and the Robina Parkway at Merrimac.



M1/M3 Merge Upgrade

Risks and delivery mechanism

Risks	Delivery mechanism
Constrained environment	ECI
Compressed delivery timeframe	
High traffic volume environment	
	Pre-qualification level
	R5, F100, B4
Timetable	Date
Invitation to Tender	TBA
Letter of Acceptance	TBA
Complete construction	TBA

M1/M3 Merge Upgrade

(Federal Government funding to be confirmed)

Budget and scope

The **\$210** million upgrade will include:

- Improvements to three kilometres of the M1 between Eight Mile Plains and Springwood
- Increasing through travel lanes from three to five lanes in the southbound direction
- Relocation of the southbound bus only on-ramp to the M1 at Eight Mile Plains to the Underwood Road overpass
- Construction of a new four lane Underwood Road bridge overpass
- Managed motorways components.

Queensland Government committed 20% funding
Australian Government committed 50% funding

M1/M3 Merge Upgrade project location

- Pacific Motorway (M1) – Eight Mile Plains to Springwood (Southbound)
- Project scope is highlighted in **green**.



M1 Upgrade – Mudgeeraba to Varsity

Risks and delivery mechanism

Risks	Delivery mechanism
Constrained environment	TIC-CO
Compressed delivery timeframe	
High traffic volume environment	
	Pre-qualification level
	R5, F100, B4
Timetable	Date
Invitation to Tender	TBA
Letter of Acceptance	TBA
Complete construction	TBA

M1 Upgrade – Mudgeeraba to Varsity

(Federal Government funding to be confirmed)

Budget and scope

- The **\$220** million upgrade will include:
 - Widening the north and southbound lanes from four to six lanes between Mudgeeraba (Exit 79) and Varsity Lakes (Exit 85) interchanges.

Queensland Government committed 20% funding
Australian Government committed 50% funding

M1 Upgrade – Mudgeeraba to Varsity project location

Pacific Motorway (M1) – Mudgeeraba (Exit 79) to Varsity (Exit 85)



Our projects

Construction projects

Cunningham Highway

207/17B/800

Pavement rehabilitation

Ipswich – Warwick between Mutdapilly and Warrill View

Contract value: \$10 million

Tender timing: Q3 2016

Pacific Motorway (M1)

D10/12A/400

Barrier installation

Sections: 0–79.00km

Contract value: \$9.5 million

Tender timing: Q3 2016

Our projects

Cycleway Construction Projects

Lake Intrepid Cycleway

230/C020/1

Southport–Burleigh Road,
Mermaid Waters

Sections: 8.30–9.25km

Contract value: \$3.1 million

Tender timing: Q4 2016

Scrubby Creek Cycle and Pedestrian Bridge

240/C004/1

Brisbane–Beenleigh Road,
Waterford West

Sections: 8.20–8.47km

Contract value: \$2.5 million

Tender timing: Q4 2016

Thank you

Downs South West Regional Industry Briefing

Queensland Transport and Roads Investment Program 2016–17

Kym Murphy, Regional Director

Agenda

Our region

Our program

Planning / Design projects

**Significant Construction
projects**

Our region



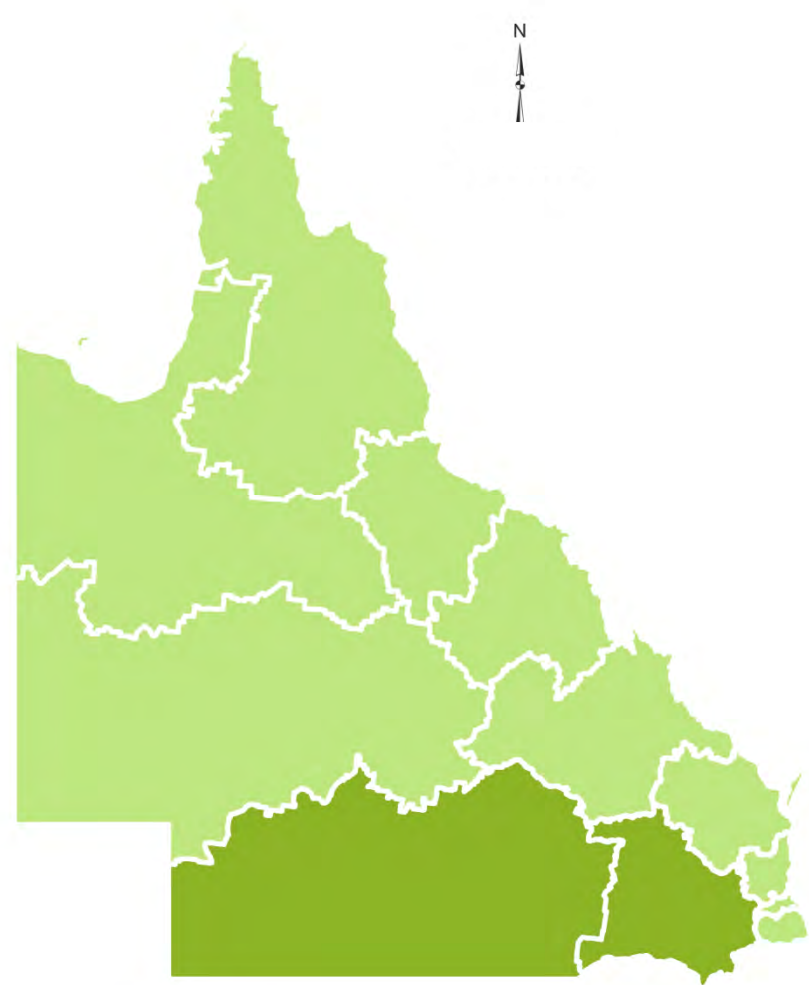
Our region

Downs South West Region

Kym Murphy
Regional Director

Dereck Sanderson
**District Director
(Darling Downs)**

Chris Lunson
**District Director
(South West)**



Our region

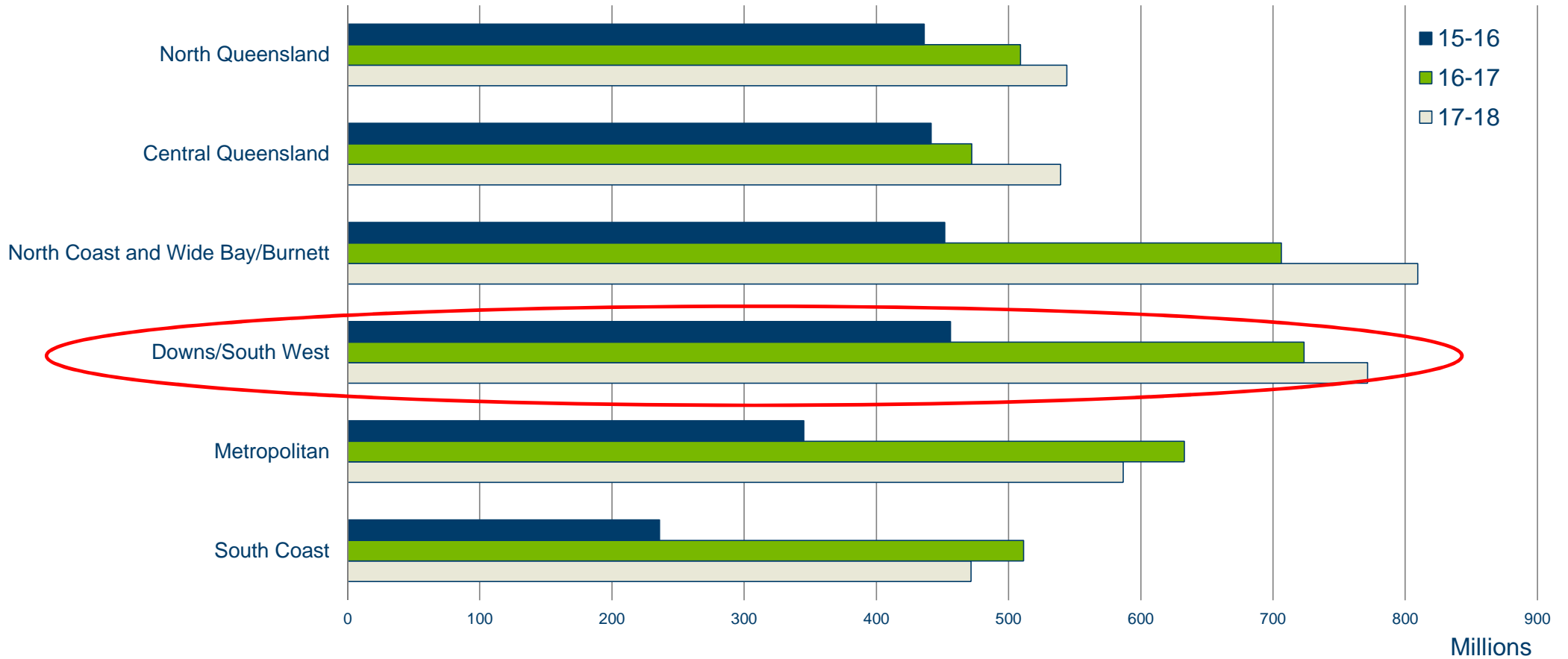
Our opportunities and challenges



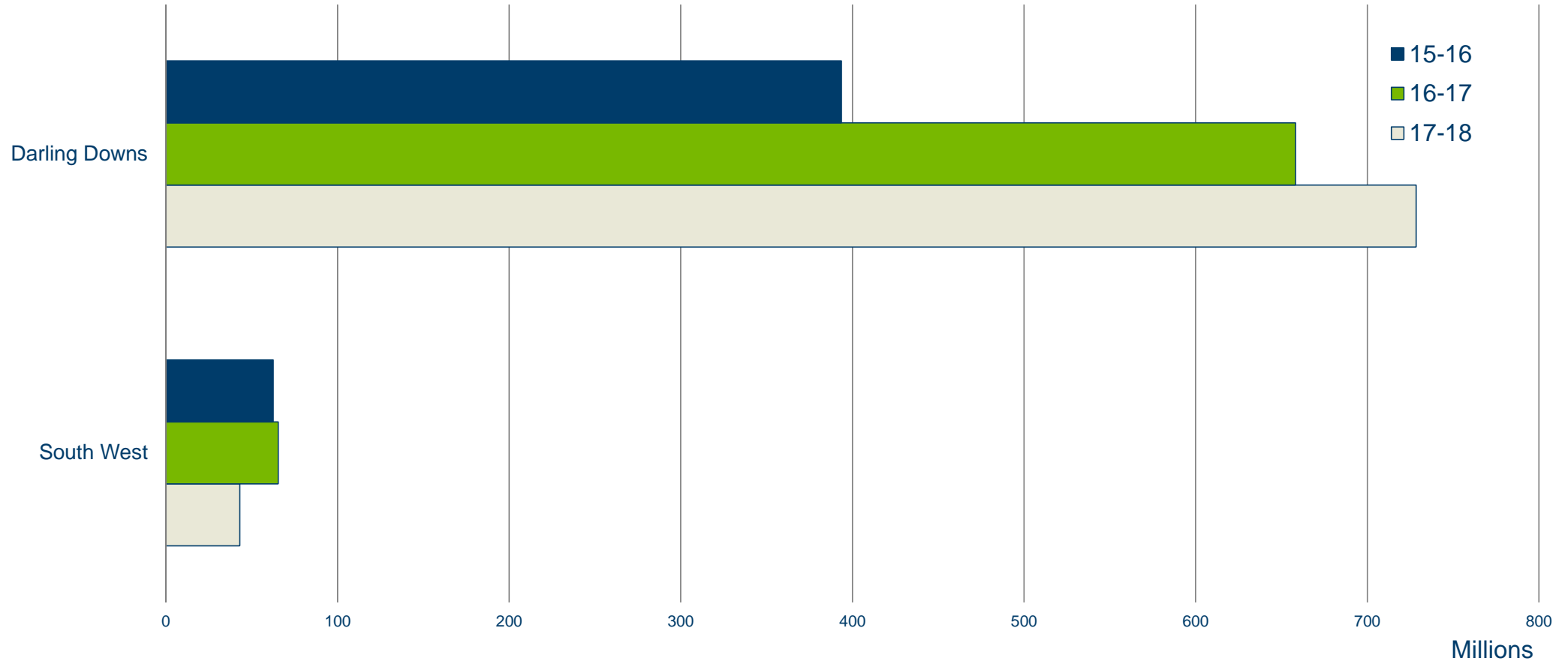
Our program



Transport and Main Roads regional program values



Downs/South West regional program values



Our program

QTRIP funding allocation	2016-17	Four-year Total
Darling Downs District	\$658m	\$2,320m
South West District	\$65m	\$198m



Our projects

Planning projects – Darling Downs District

Project Name	Work Type	Procurement Method	Approx. quarter to be called	Est contract budget (\$'000)
Miles to Roma	Link plan	Restricted Tender	Q2 2017	50
Yarraman to Toowoomba	Bridge replacement Planning (Emu Creek)	Restricted Tender	Q1 2017	85
Toowoomba to Dalby heavy vehicle bypass	Options Analysis	Restricted Tender	Q2 2017	150
Gore Highway widen and rehabilitate (Wyaga Creek and approaches)	Planning	Restricted Tender	Q3 2016	110
New England Highway Access rationalisation	Planning	Restricted Tender	Q1 2017	60

Our projects

Planning projects – Darling Downs District

Project Name	Work Type	Procurement Method	Approx. quarter to be called	Est contract budget (\$'000)
Millmerran to Goondiwindi (strengthen and widen)	Stage 1 Planning (options analysis and business case)	Restricted Tender	Q2 2017	140
Toowoomba, Gatton and Crows Nest	Bus network study	EOI and Restricted Tender	Q1 2017	195
Carnarvon Highway (St. George – Surat)	Widen and strengthen planning	Restricted Tender	Q2 2017	80
Warrego Highway (Drillham to Palardo)	Planning and design pavement rehabilitation	Restricted Tender	Q4 2016	200

Our program

Significant projects

CONSTRUCTION

- Toowoomba Second Range Crossing
- Toowoomba – Oakey Stage 2 (Charlton – Kingsthorpe)
- Dalby eastern access upgrade
- Dalby western access upgrade
- New England Highway safety upgrade
- Chinchilla rail crossing upgrade.

Significant construction project locations



Toowoomba Second Range Crossing



Budget and scope

Toowoomba Second Range Crossing

265/18A/3

Project Scope

- 42 km of motorway including multiple interchanges and bridges

Budget

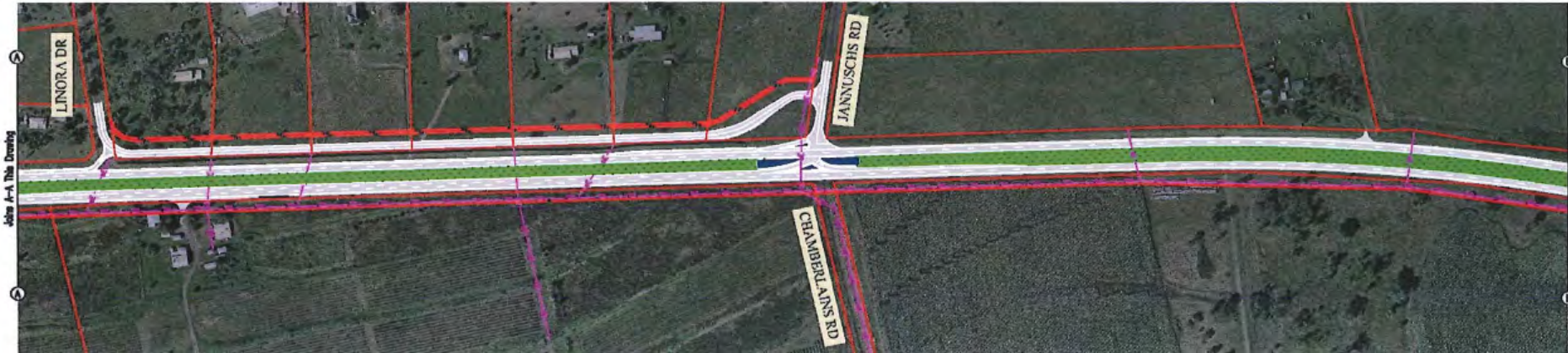
- Programmed funding value – \$1.6 billion

Background

- PPP contract awarded to Nexus Infrastructure in August 2015
- Expressions of interest for sub-contract work may still be registered at:
<http://nexustsrc.com.au/jobs/apply-now/>

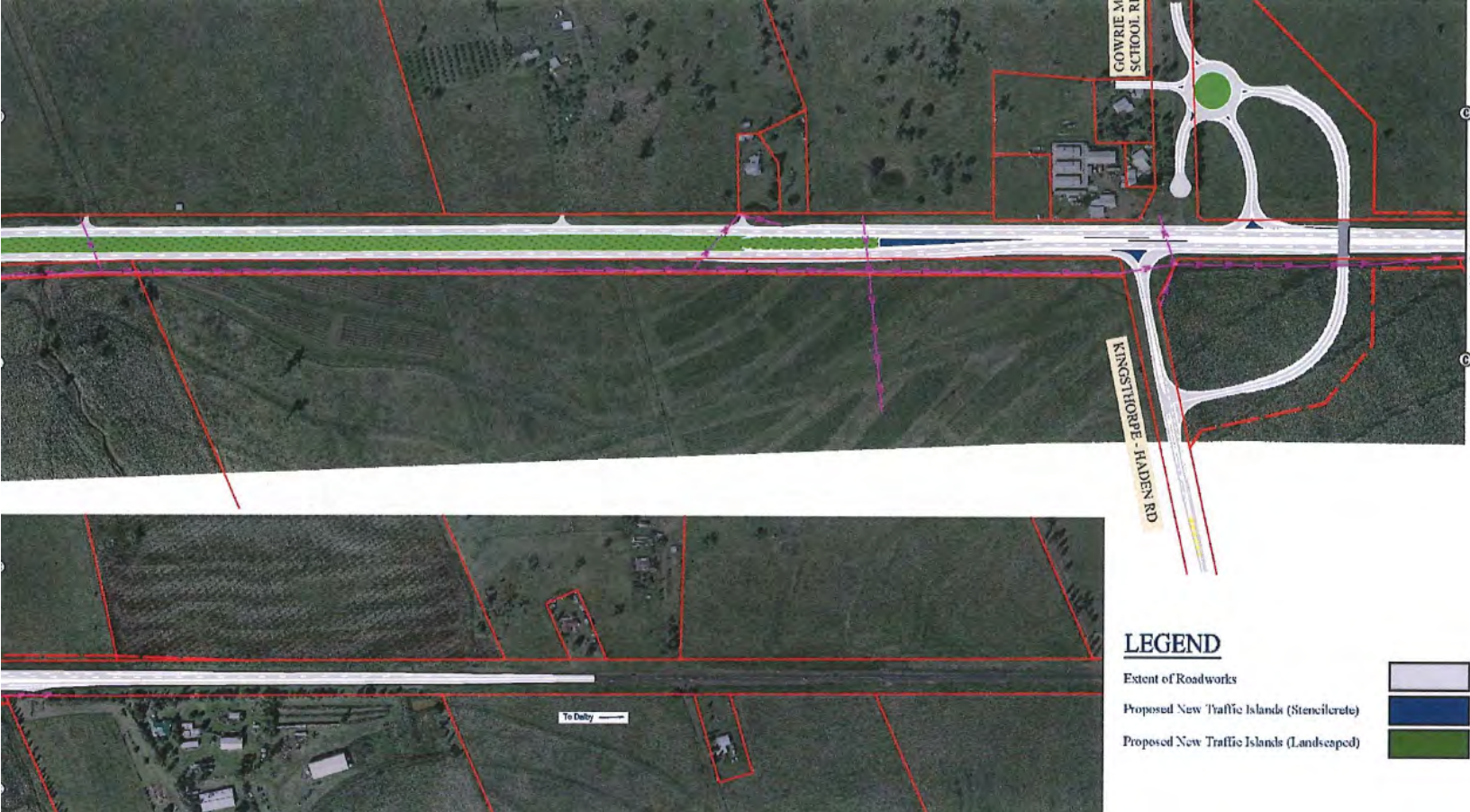
Toowoomba – Oakey Stage 2 (Charlton – Kingsthorpe)

Project location – Sheet 1



Toowoomba – Oakey Stage 2 (Charlton – Kingsthorpe)

Project location – Sheet 2



Budget and scope

Toowoomba – Oakey Stage 2 (Charlton – Kingsthorpe)

265/18B/8

Project Scope

- Capacity improvements to Warrego Highway by extending the four laning a further 4 km west from Charlton
- Upgrade intersections with the highway to optimise traffic flow between the highway and side roads

Budget

- Estimated contract value – \$82.5 million.

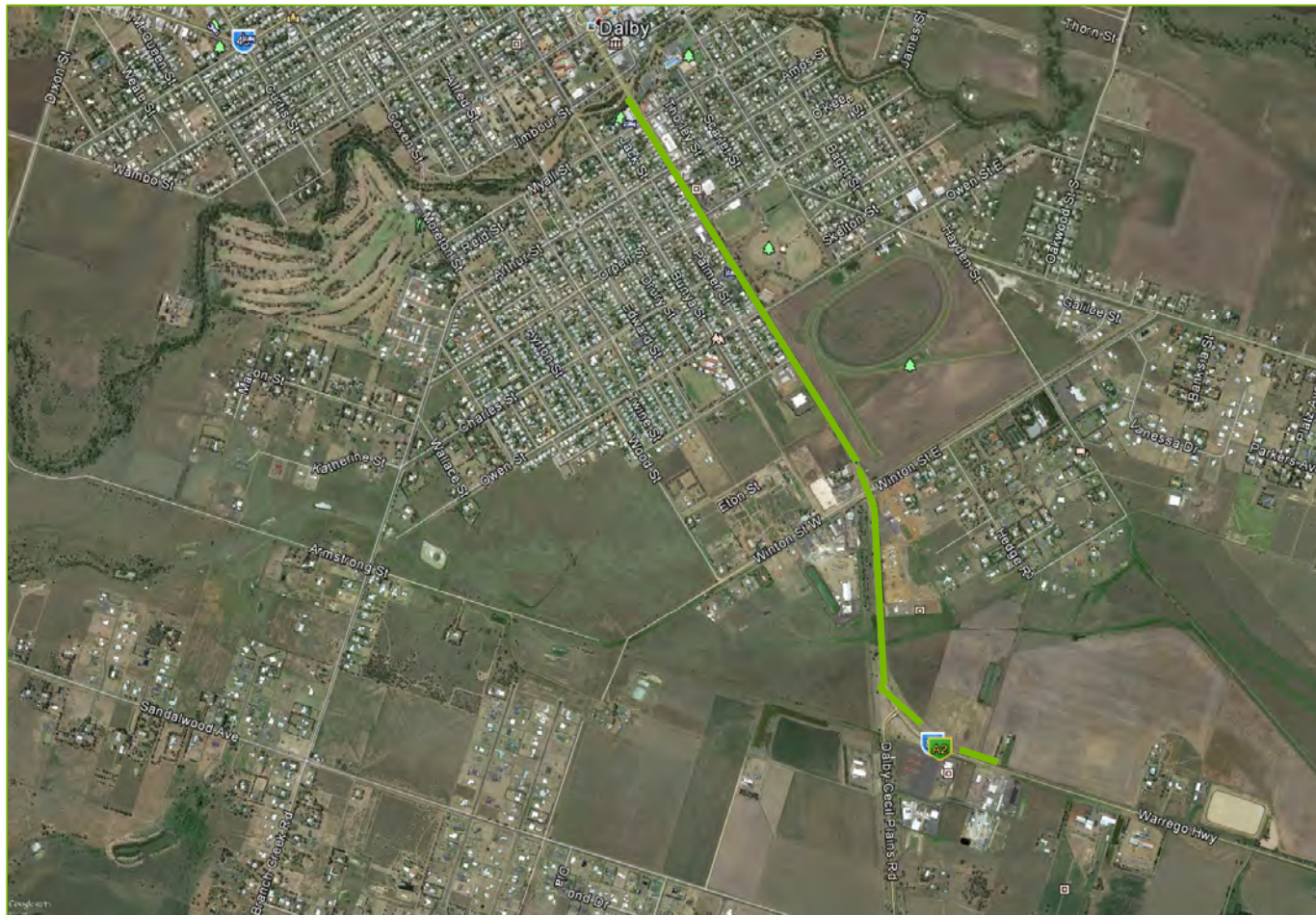
Toowoomba – Oakey Stage 2 (Charlton – Kingsthorpe)

Risks and delivery mechanism

Risks	Delivery mechanism
Wet weather during construction	2 stage open tender – non-price
Maintaining safe property access and traffic management practices	Expression of Interest (12 August to 9 September 2016), then tender
	Pre-qualification level
	R4/B3/F150plus
Timetable	Date
Invitation to Tender	Q3 2016
Letter of Acceptance	Q4 2016
Complete construction	Q2 2018

Dalby eastern access upgrade

Project location



Budget and scope

Dalby eastern access upgrade

- Highway upgrade to improve intersection and access safety to the adjacent industrial precinct
- This project will be combined with the Dalby Western Access Upgrade to form one construction contract to the estimated value of \$85.8 million.

Dalby eastern access upgrade

Risks and delivery mechanism

Risks	Delivery mechanism
Maintaining traffic flow, safe property access and traffic management practices	Two stage tender (expression of interest now open – closes 11 August 2016)
Constrained work site – multiple shallow public utility and plant	
Wet weather during construction	

Pre-qualification level
R4/F100, A3

Timetable	Date
Invitation to Tender	Q3 2016
Letter of Acceptance	Q4 2016
Complete construction	Q1 2018

Dalby western access upgrade

Project location



Budget and scope

Dalby western access upgrade

222/18C/8

- Highway upgrade to improve intersection and access safety to the adjacent industrial precinct
- This project will be combined with the Dalby Eastern Access Upgrade to form one construction contract to the estimated value of \$85.8 million.

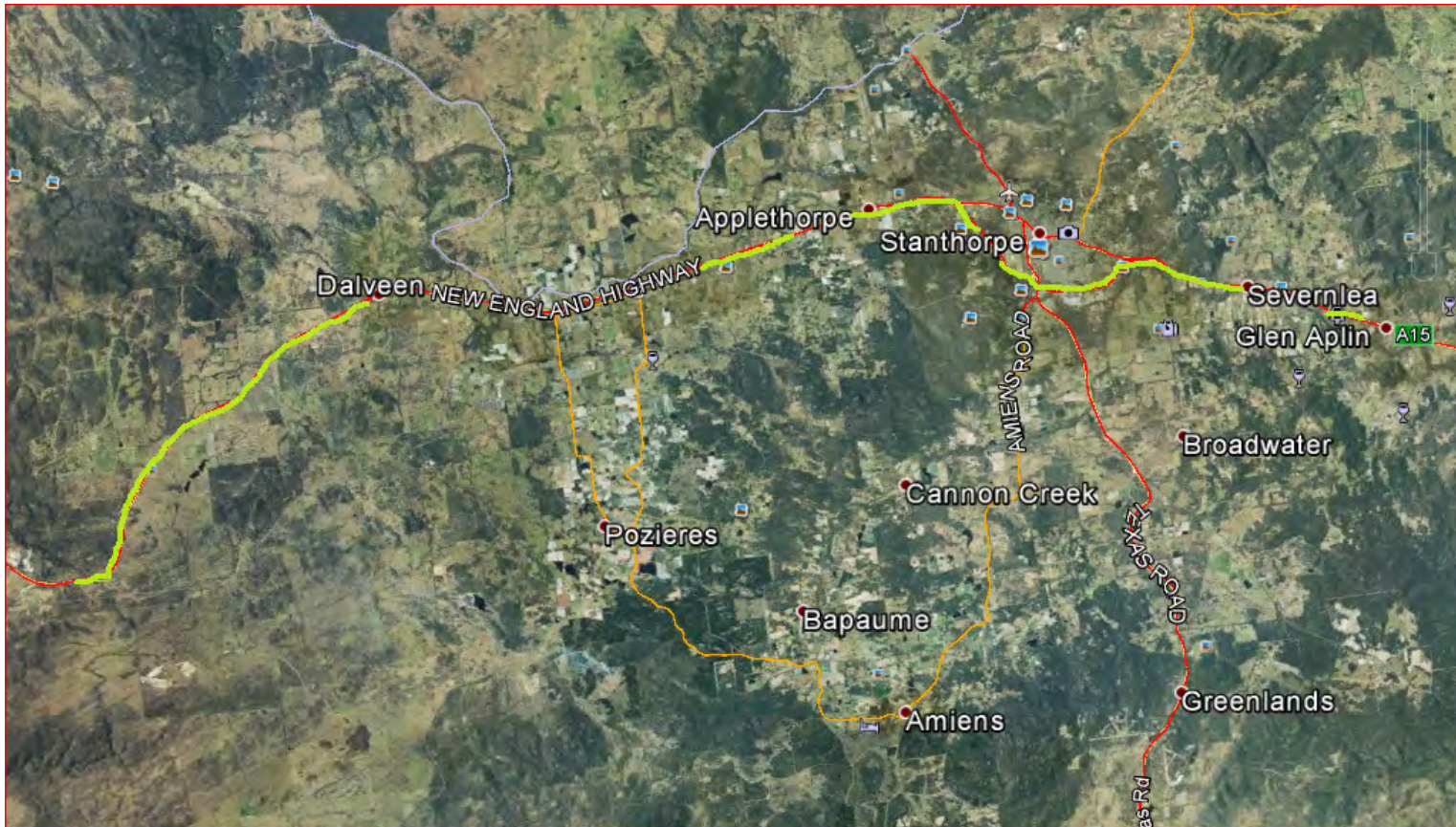
Dalby western access upgrade

Risks and delivery mechanism

Risks	Delivery mechanism
Maintaining traffic flow, safe property access and traffic management practices	Two stage tender (expression of interest open – closing 11 August 2016)
Constrained work site – multiple shallow public utility and plant	Pre-qualification level
Wet weather during construction	R4/F100, A3
Timetable	Date
Invitation to Tender	Q3 2016
Letter of Acceptance	Q4 2016
Complete construction	Q1 2018

New England Highway safety upgrade

Project location



Budget and scope

New England Highway safety upgrade

262/22C/3

- Highway widening upgrade to improve intersection safety and improve overtaking opportunities.
- Between Warwick and Stanthorpe (in sections 26.3 – 71 km), project will include:
 - overtaking lanes,
 - wide centre line treatment, and
 - intersection improvements
- Estimated contract value of \$9.3 million.

New England Highway safety upgrade

Risks and delivery mechanism

Risks	Delivery mechanism
Maintaining heavy vehicle traffic flow	Open market tender
Maintaining traffic flow, safe property access and traffic management practices	Pre-qualification level
Wet weather during construction	To be advised
Timetable	Date
Invitation to Tender	Q2 2017
Letter of Acceptance	Q2 2017
Complete construction	Q2 2018

Chinchilla rail crossing upgrade, Warrego Highway



Budget and scope

Chinchilla rail crossing upgrade, Warrego Highway

222/18C/6

Project Scope

- Capacity improvements to Warrego Highway on both approaches to the in-town signalised railway crossing
- Upgrade intersections with the highway, within the approaches to the rail crossing, to optimise traffic flow between highway and side roads

Budget

- Estimated contract value – \$12 million.

Chinchilla rail crossing upgrade

Risks and delivery mechanism

Risks	Delivery mechanism	
Traffic management to: <ul style="list-style-type: none"> • Maintain efficient through traffic flow on the national highway • Maintain efficient access to adjacent households, businesses and hospital 	Open tender	
Noise and disruption to local stakeholders	<th data-bbox="1126 692 1682 758">Pre-qualification level</th> To be advised	Pre-qualification level
Timetable	Date	
Invitation to Tender	Q2 2017	
Letter of Acceptance	Q3 2017	
Complete construction	Q3 2018	

Thank you



2016-17 Transport System Planning Program Industry Briefing

Commences at 1:00pm