

# Queensland Transport and Roads Investment Program (QTRIP) 2017 Industry Briefings

10.00 am – 10.45 am

**QTRIP Statewide Industry Briefing**

10.45 am – 12.15 pm

**QTRIP NQ/CQ Regional Industry Briefings**

# Queensland Transport and Roads Investment Program 2017-18 to 2020-21

## Industry Briefing

Honourable Coralee O'Rourke, Minister for Disability Services, Minister for Seniors and  
Minister Assisting the Premier on North Queensland

# Industry briefings – Townsville

<b>Mercure Townsville, Ball Room</b>	<b>Tuesday 15 August 2017</b>
QTRIP Overview	10:05 – 10:25 am
Transport System Planning Program Overview	10:25 – 10:45 am
QTRIP Regional Overview: <ul style="list-style-type: none"><li>• Central Queensland</li><li>• North Queensland.</li></ul>	10:45 – 11:45 am
Question and Answer	11:45 – 12:15 pm
Networking / Light lunch	12:15 – 1:00 pm

# Queensland Transport and Roads Investment Program 2017-18 to 2020-21

## Industry Briefing

Neil Scales, Director-General (Transport and Main Roads)

# QTRIP 2017-18 to 2020-21

- Outlines approximately **\$21 billion** over four years for transport and roads infrastructure
- \$3.7 billion to be invested in the 2017-18 financial year
  - Federal funding \$1.3 billion, remaining \$3 billion provided by the state (and other funding sources)
- Supports estimated 16,950 direct jobs over life of program
- Transport System Planning Program (TSPP) budget is \$78 million and includes 381 planning projects.



# State Infrastructure Plan

- The State Infrastructure Plan (SIP) released in March 2016 outlines the Queensland Government's infrastructure priorities to grow the economy, create jobs and provide quality services.
- The SIP contains a number of objectives relevant to Transport such as:
  - Improving prosperity and liveability
  - Infrastructure that leads and supports growth and productivity
  - Infrastructure that connects our communities and markets.



# State Infrastructure Plan (cont.)

- The 2017 Part B update:
  - Is aligned to 2017-18 State Budget and Budget Paper3
  - Highlights region shaping planning priorities
  - Features Cross River Rail
  - Transport asset class worth \$4 billion in 2017-18.
- The State Infrastructure Fund supports the implementation of the SIP and has been boosted to \$2.2 billion in the 2017-18 Budget.

# Cross River Rail

- The 2017-18 State Budget announced the commitment to fully fund the Cross River Rail project
- Total funding of \$5.4 billion, with the 2017-18 state budget allocating \$2.8 billion over the forward estimates
  - \$2.6 billion to be committed in future budgets
- The project will support more than 1540 jobs each year, 3000 during the peak of construction period
  - 7700 jobs over the life of the project.





# Natural Disaster Relief and Recovery Authority (NDRRA)

- Tropical Cyclone Debbie reconstruction program
- \$105 million has been allocated in 2017-18
- Majority of works in South Coast District
- Geotechnical projects
- Key sites: Lamington National Park Rd, Gold Coast-Springbrook Rd, Nerang-Murwillumbah Rd
- Works to market later this year.

# Working with Australian and Queensland Governments



# Transport Infrastructure Development Scheme

- \$70 million Transport Infrastructure Development Scheme (TIDS) each year
- Base funding for TIDS in 2016-17 included:
  - \$61.2 million annually for Regional Roads and Transport Group (RRTG) project prioritisation
  - \$8.2 million annually for Aboriginal and Torres Strait Islander councils for the upgrade of primary access infrastructure
  - \$0.6 million annually through the Statewide Capability Development Fund to develop the capability and capacity of RRTGs.
- The 2016–17 RRTG's TIDS programs comprised 256 projects statewide.

# Northern Australia Roads Programme

- \$279.7 million Northern Australia Roads Programme (NARP)
- Procurement to commence in 2017-18:
  - \$17 million pavement strengthening and rehabilitation, Flinders Highway (Townsville – Torrens Creek)
  - \$75 million Rockhampton to Gracemere duplication, Capricorn Highway (Rockhampton – Duaringa)
  - \$25 million pavement widening and strengthening, Landsborough Highway (Longreach – Winton)
  - \$14.5 million pavement widening, Rockhampton (Bajool – Port Alma Road).

# Northern Australian Beef Roads Programme

- \$76.1 million Northern Australian Beef Roads Programme will ensure our cattle industry prospers in the future
- \$19.3 million has been allocated in QTRIP 2017-18, with construction works to begin in 2018
- Upgrading Australia's iconic cattle routes will provide significant benefits to the livestock industry, minimising stress for both truck drivers and cattle.



# Queensland budget commitments 2017-18

- Bruce Highway Upgrades - \$5.59 billion over four years in joint funding (\$510.5 million for 2017-18)
- Targeted road safety programs - \$538 million over four years (\$127.7 million for 2017-18)
- \$36 million to construct additional lanes on Stage 1 of the Ipswich Motorway between Rocklea to Darra, totalling \$400 million.

# ***Buy Queensland* procurement policy**

- “Buy Queensland” procurement strategy and policy was recently released.
- TMR is determining what these changes mean for our stakeholders.
- We will continue consultation with you as we work through the implementation of the new policy.
- The objective is to employ fellow Queenslanders and build prosperity.



# Partnering with industry

TMR  
**MIXr** <sup>2017</sup>

Tuesday 28 March 2017  
Brisbane Convention and Exhibition Centre

For more information visit [www.tmr.qld.gov.au/MIXr2017](http://www.tmr.qld.gov.au/MIXr2017)

Connecting today: imagining tomorrow

ADVANCE  
QUEENSLAND

Queensland  
Government

ADVANCE  
QUEENSLAND  
MADE FOR  
INNOVATION





# Program drivers for Central Queensland and North Queensland Regions

- Safety improvements
- Improving freight and commuter access
- Maintenance
- Flood immunity improvements
- Economic growth
- Investment in Indigenous and non-Indigenous opportunities.

# Industry briefings – Townsville

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QTRIP Overview	✓
Transport System Planning Program Overview	10:25 – 10:45 am
QTRIP Regional Overview: <ul style="list-style-type: none"><li>• Central Queensland</li><li>• North Queensland.</li></ul>	10:45 – 11:45 am
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# Queensland Transport and Roads Investment Program 2017-18 to 2020-21

Industry Briefing

Sally Noonan, Deputy Director-General  
(Policy, Planning and Investment)

# Transport System Planning Program (TSPP)

The TSPP is a “one integrated transport system” program of planning activities that collectively plan for future transport system outcomes.



Funds, delivers and manages TMR’s planning and investment activities.



Encompasses all modes and all networks across Queensland, both infrastructure and services.



Ranges from strategic planning through to business case development.



# Planning Framework



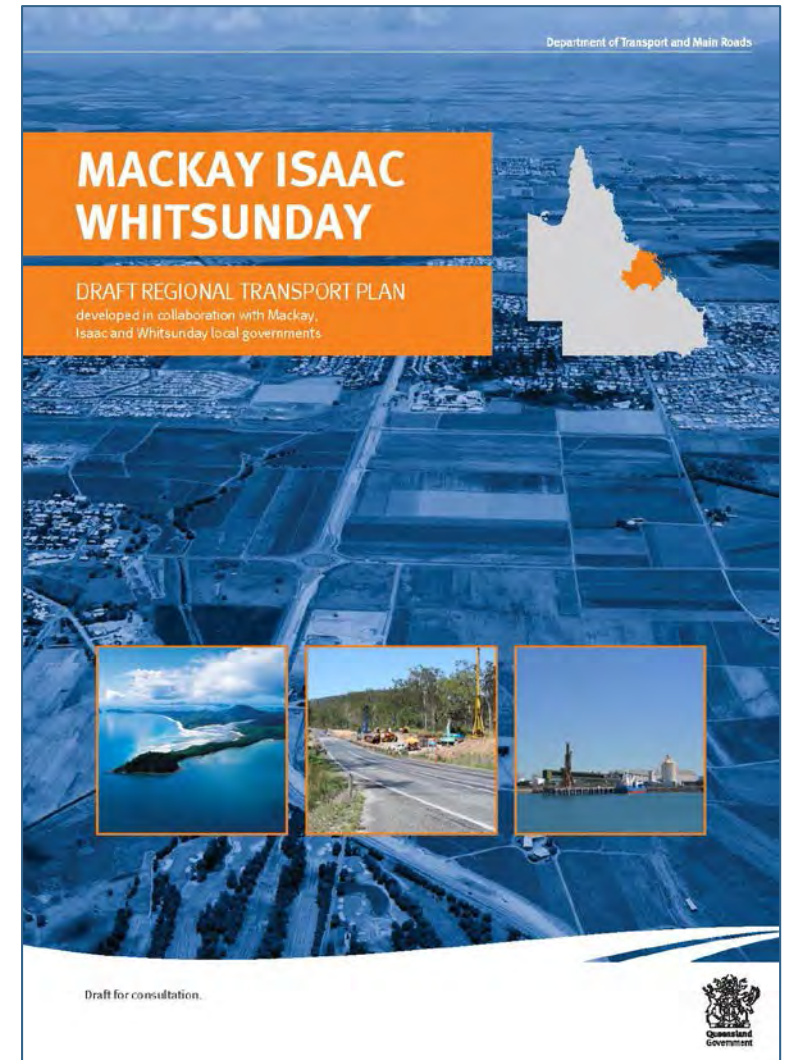
# The focus for the 2017-18 TSPP is to:

Produce a pipeline of quality Business Cases that are available to inform investment decisions

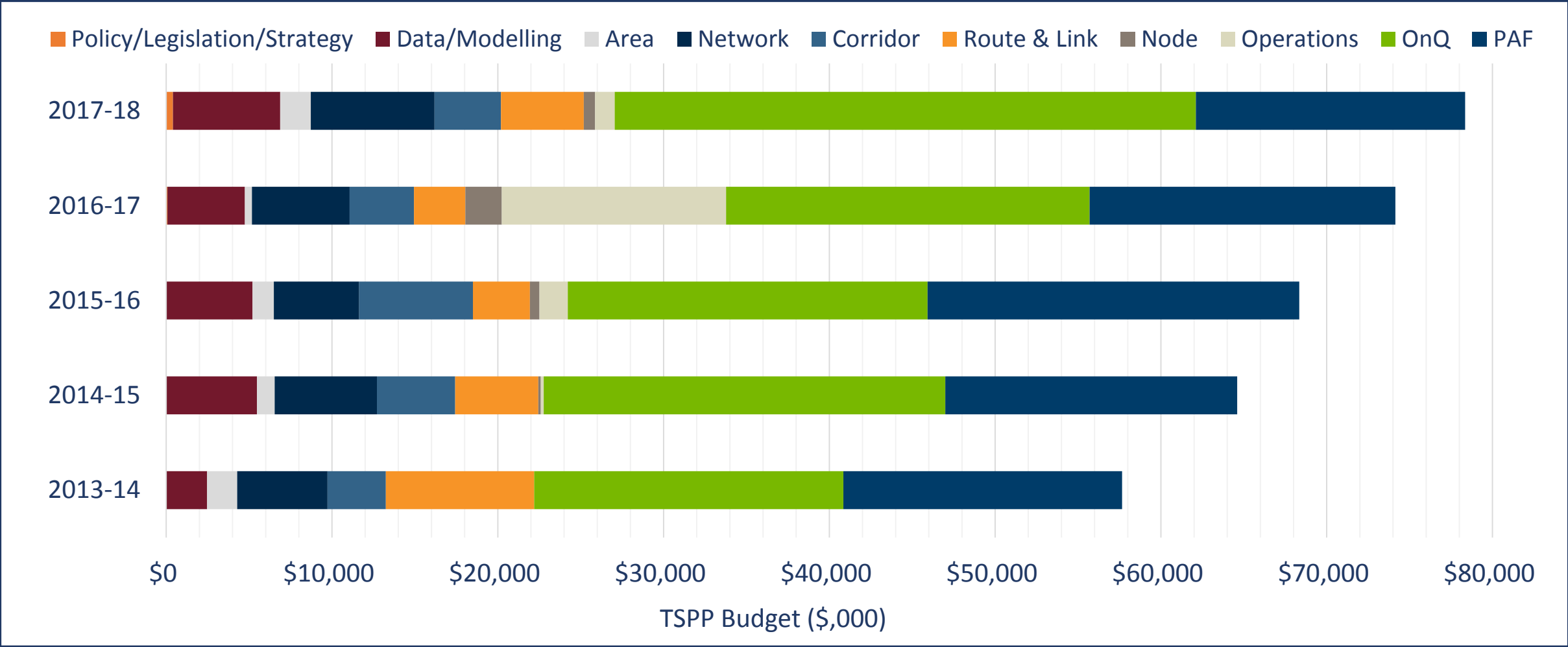
Provide innovative, collaborative, value for money, one network solutions to transport system issues

Develop strategies and planning that ensure effective integration of land use and transport planning

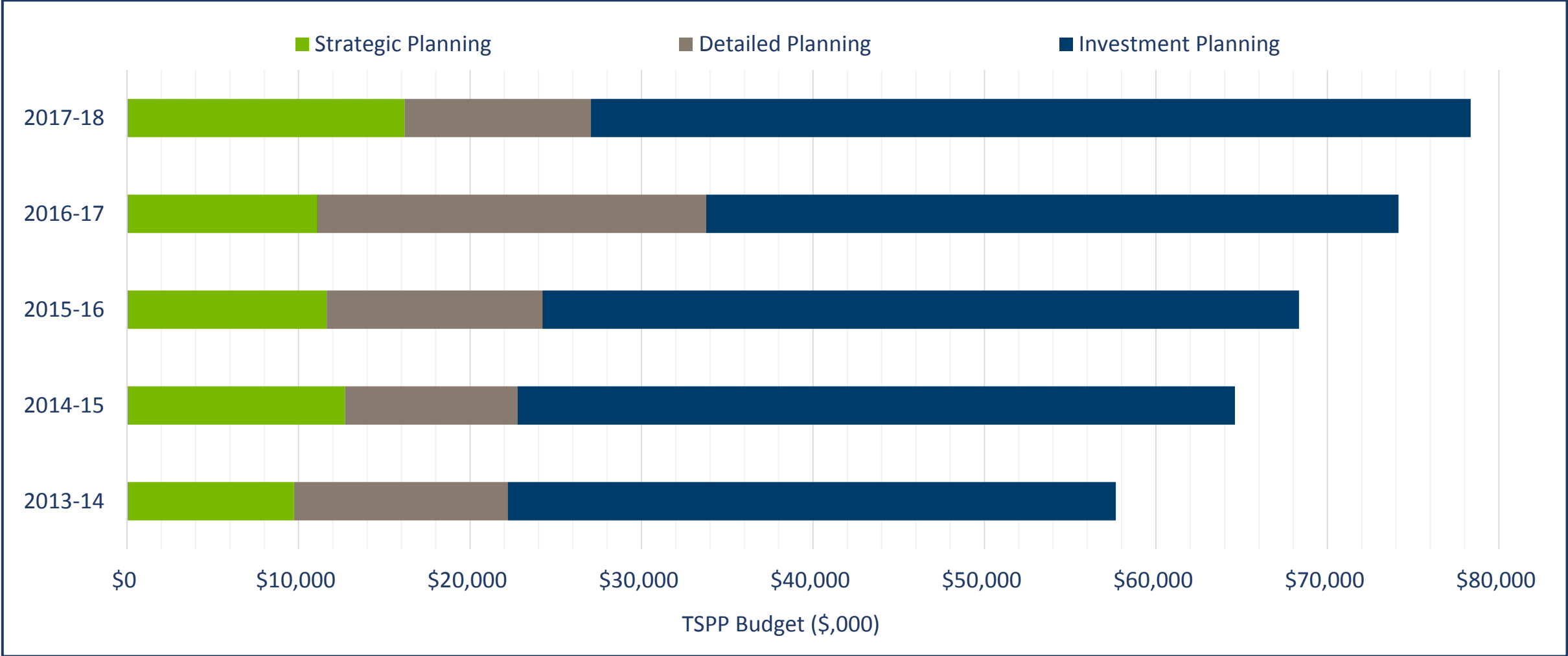
Effectively and efficiently secures the land required for current and planned transport purposes.



# TSPP Planning Types

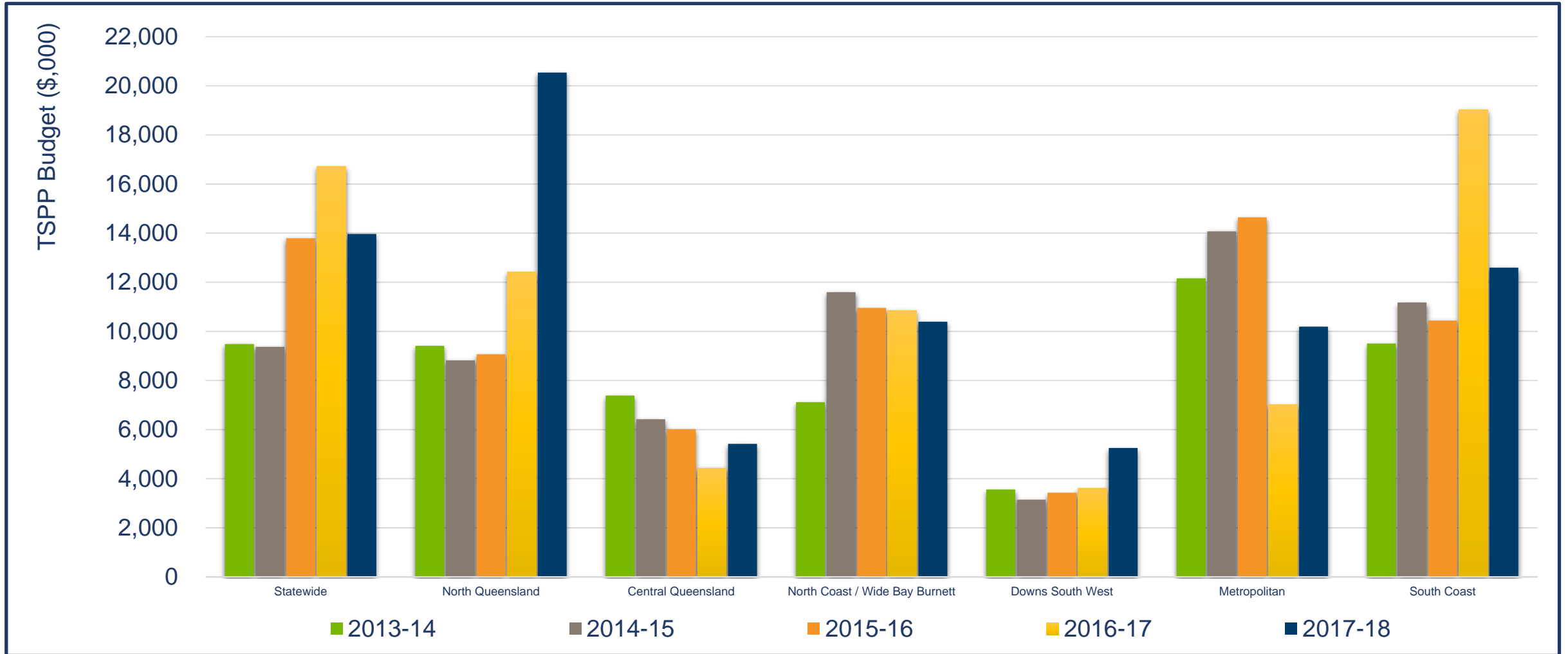


# TSPP Planning Types



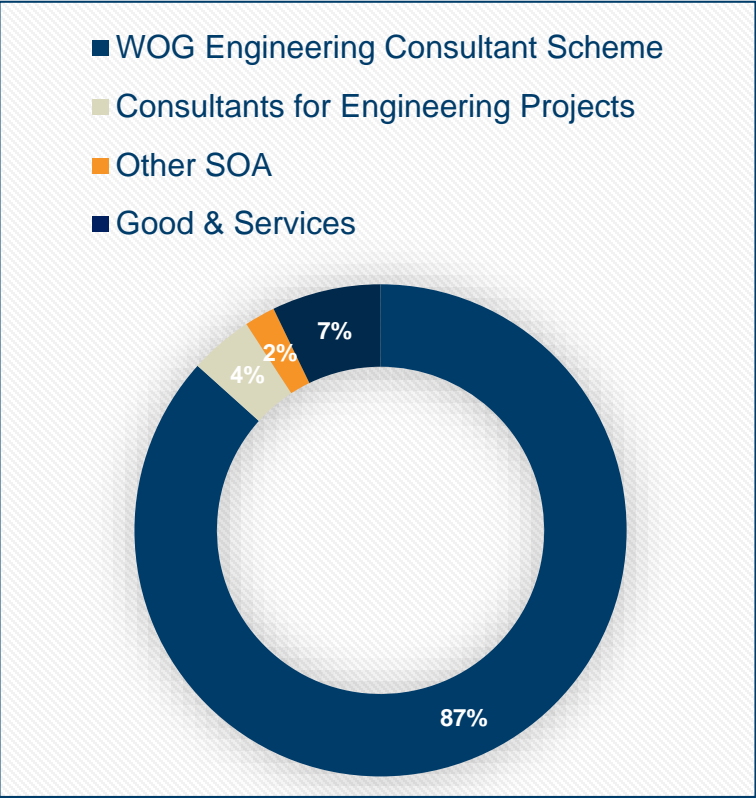


# TSPP Budget by Location

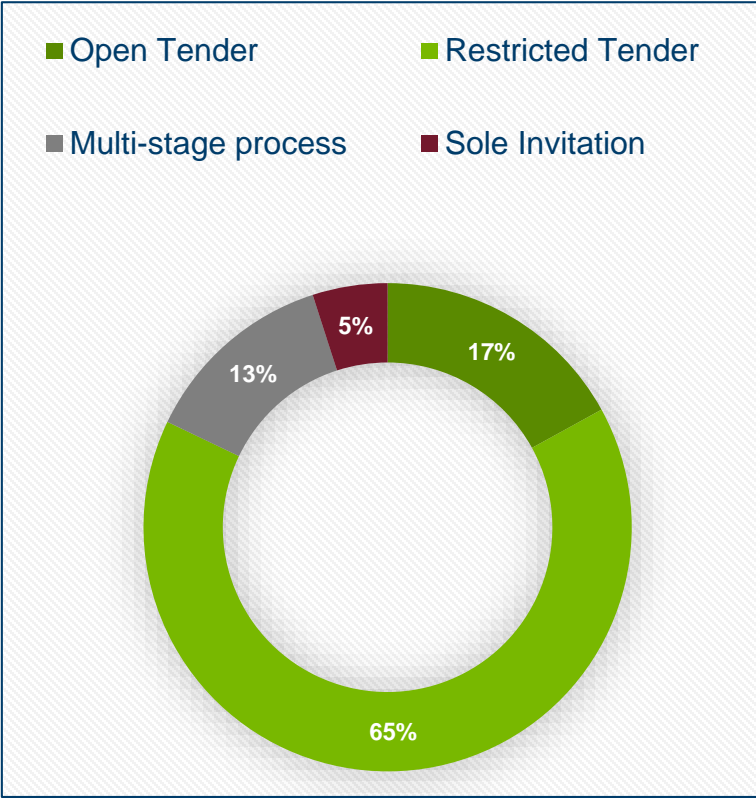


# 2017-18 procurement for planning

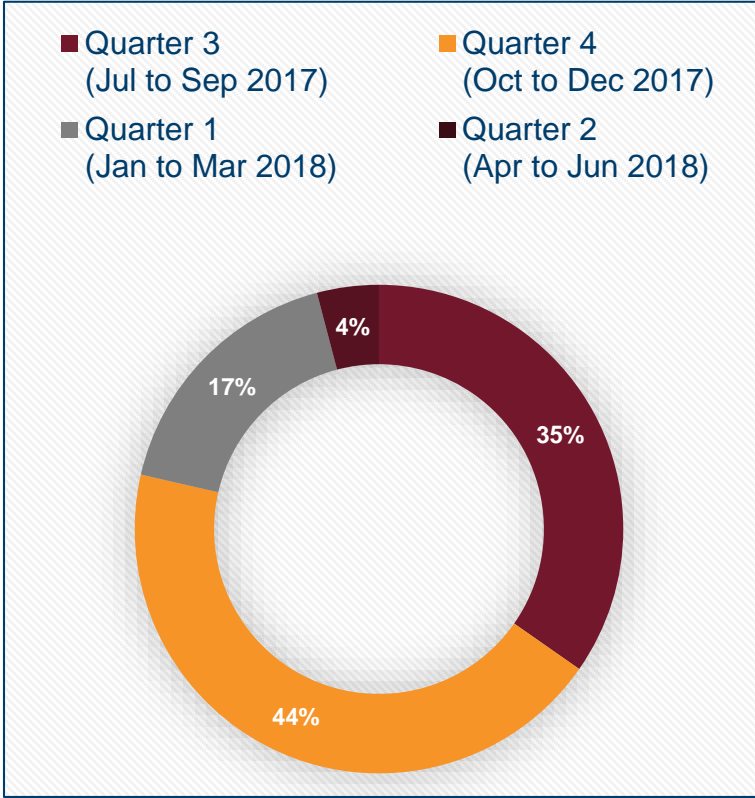
- Procure \$21m of services from the market in 2017-18.



**Graph: Market Approach**



**Graph: Invitation Method**



**Graph: Time to Market**

# Summary

Regional  
planning  
activities



Program  
flexibility



TSPP  
Project List



# Industry briefings – Townsville

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# Central Queensland Regional Industry Briefing

Queensland Transport and Roads Investment Program 2017-18

Dave Grosse, Regional Director

# Our region

## Central Queensland Region

Dave Grosse

**Regional Director**

Eric Denham

**District Director**

**(Central West District)**

Pat Aprile

**District Director**

**(Mackay / Whitsunday District)**

Peter Trim

**District Director**

**(Fitzroy District)**

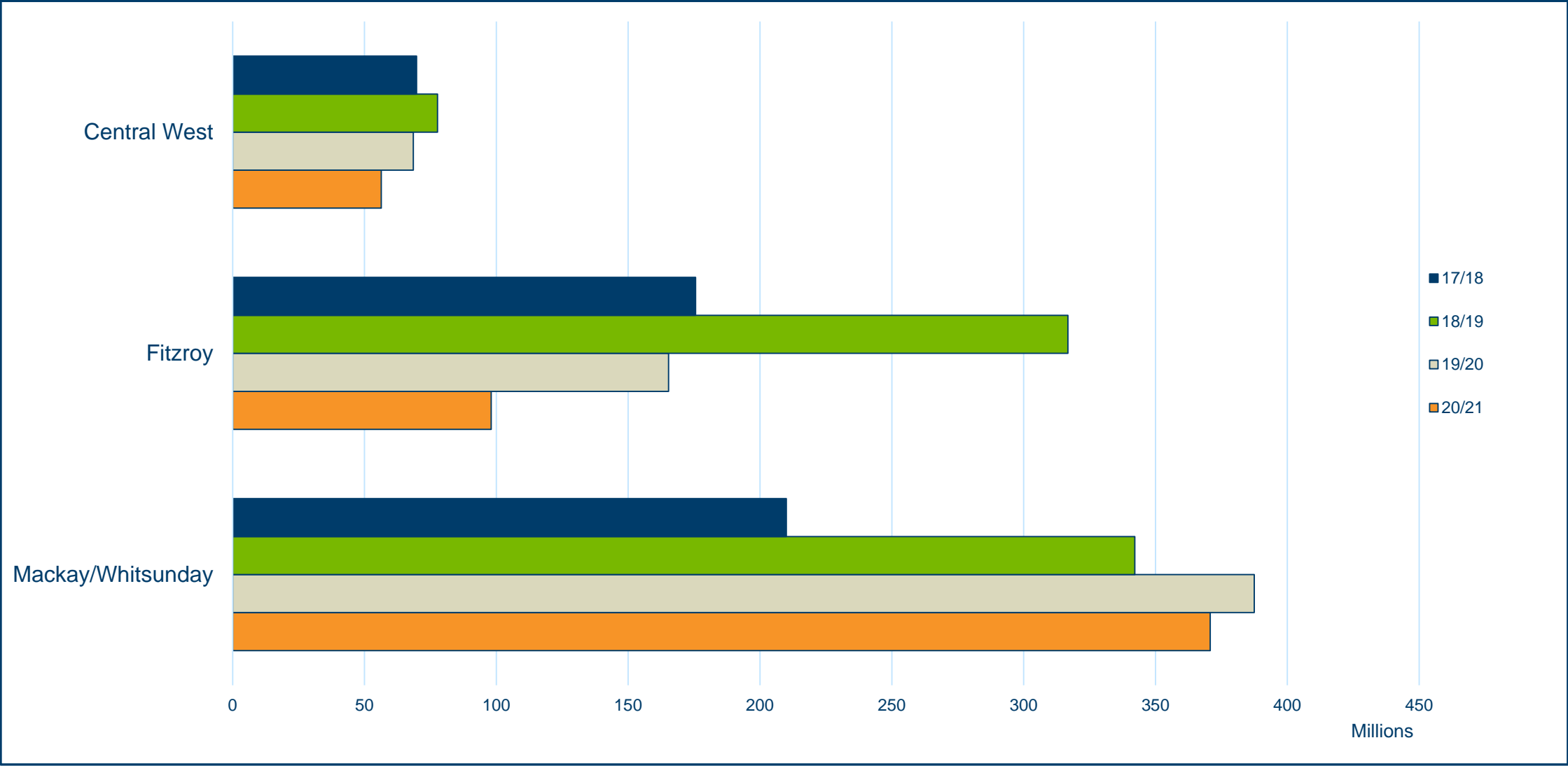


# Our program drivers

- Safety improvements
- Freight
- Maintenance
- Economic growth.



# Central Queensland regional program values



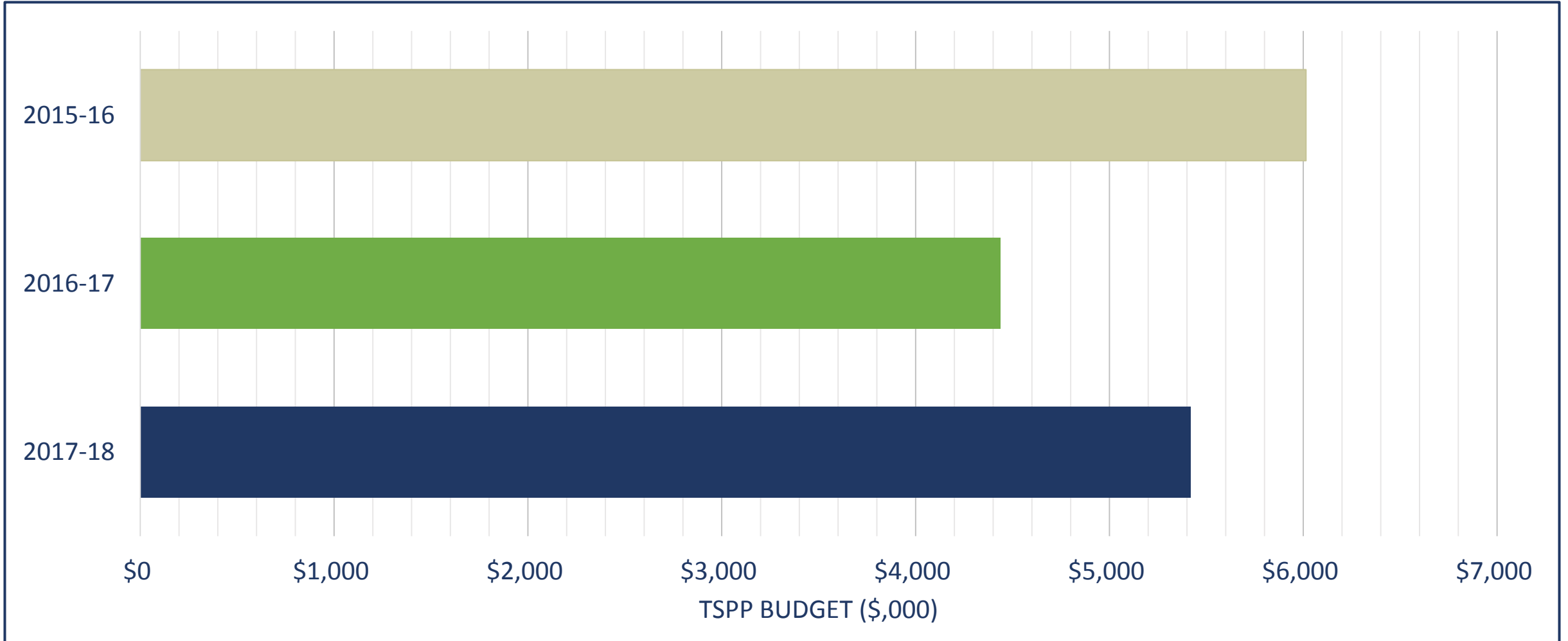


# Our program

QTRIP funding allocations	2017-18	To be tendered in 2017-18	2017-18 to 2020-21 total
Central West District	\$ 69m	\$ 25.75m	\$ 272m
Mackay / Whitsunday District	\$ 210m	\$ 55.5m	\$ 1.3b
Fitzroy District	\$ 175m	\$ 73.8m	\$ 755m



# Planning program





**Longreach North**

Longreach

Barcaldine

**Barcaldine South**

Blackall

**Mackay Ring Road**

**Mackay Northern Access Upgrade**

Bowen

Mackay

**Sarina Northern Access**

Emerald

**Rockhampton Northern Access**

**Capricorn Highway Overtaking Lanes**

Rockhampton

**Rockhampton Road Train Access**

Yeppoon

**Rockhampton to Gracemere Duplication**

# Our projects – planning and design

## Central West District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Longreach North	Design and Hydraulics Study	ECS	Q3 2017	500
Richmond – Winton Road	Design	ECS	Q3 2017	50

# Our projects – planning and design

## Mackay / Whitsunday District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Goorganga Plains	Options Analysis and Business Case	ECS	Q2 2019	1m
Proserpine – Shute Harbour Road duplication	Options Analysis and Business Case	ECS	Q4 2017	160
Mackay Bus Interchange	Develop a business case	ECS	Q4 2017	180

# Our projects – planning and design

## Mackay / Whitsunday District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Bruce Highway Safety Package – 10J Proserpine – Bowen	Planning and design – pavement widening, WCLT, intersection upgrades and roadside treatments (multiple locations)	ECS	Q2 2018	600
Bruce Highway Safety Package – 10H Mackay – Proserpine	Planning and design – pavement widening, WCLT, intersection upgrades and roadside treatments (multiple locations)	ECS	Q2 2018	500

# Our projects – planning and design

## Fitzroy District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Rockhampton Ring Road	Investigation, Preliminary Evaluation and Business Case (multiple contracts)	ECS	Q1 2018	4m
Bajool – Port Alma Road	Business Case and Detailed Design	ECS	Q1 2018	1m
Bridge and Culvert Priority Upgrades Planning	Options Analysis and Business Case	ECS	Q2 2018	250
Phillip Street – Gladstone	Detailed Design	ECS	Q4 2017	350

# Our projects – planning and design

## Fitzroy District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Sandy Creek Timber Bridge Replacement – Roma–Taroom Road	Options Analysis and Business Case	ECS	Q1 2018	90
Rockhampton – Emu Park Road – Upgrade of Lakes Creek Road	Options Analysis and Business Case	ECS	Q4 2018	200
Road Link Plans on Priority Roads	Strategic Transport Planning	ECS	Q3 2017	100



# Our significant projects: Longreach North

## Central West District

### Budget and scope

- Total project budget \$24.98 million
- Located on Landsborough Highway (Longreach – Winton), approx. 8km north of Longreach
- Strengthen and widening of 24.8km
- Drainage works at Dingo Creek to improve flood immunity.



# Longreach North

## Risks and delivery mechanism

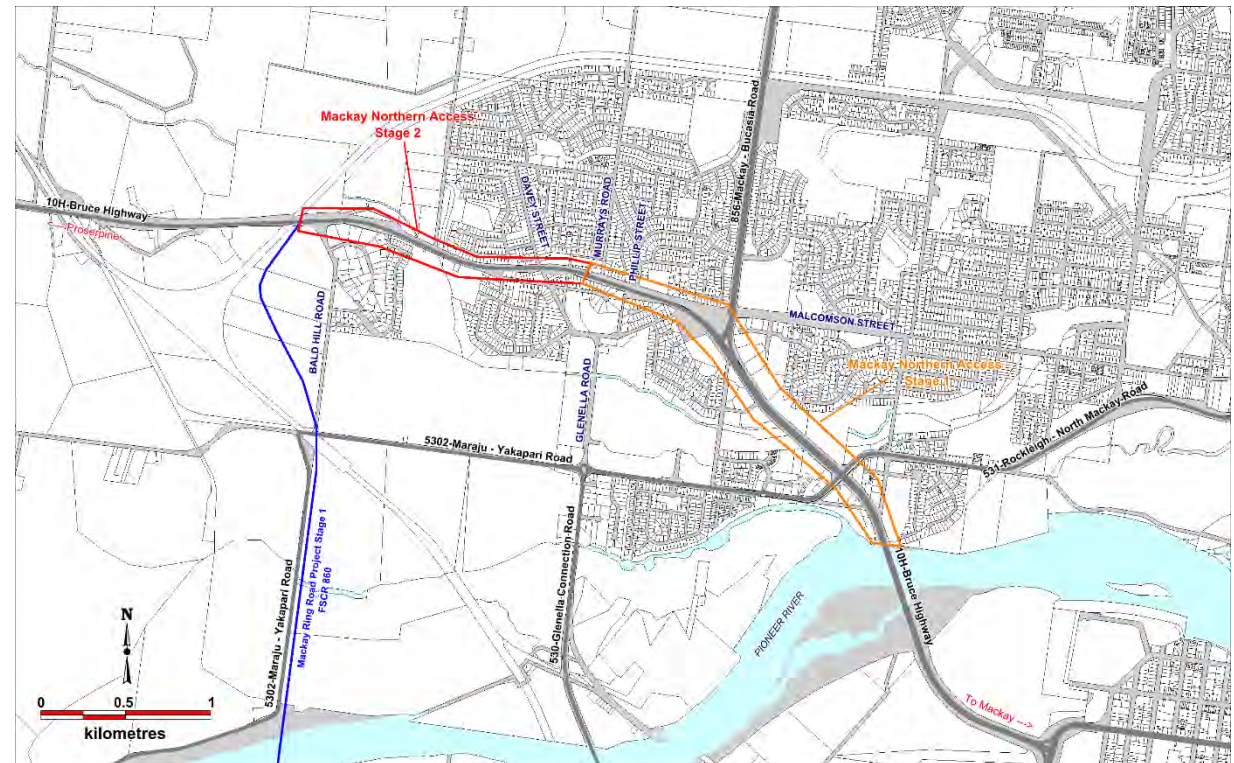
<b>Key risks</b>	<b>Delivery mechanism</b>
Stakeholder Management	TIC-CO (Transport Infrastructure Contract – Construct Only)
Traffic management	
Construction with local pavement materials	
Wet weather and flooding	
<b>Timetable</b>	<b>Pre-qualification level</b>
	R3, B1, F20
<b>Timetable</b>	<b>Date</b>
Invitation to Tender	Q2 2018
Contract award	Q3 2018
Complete construction	Q1 2020

# Mackay Northern Access Upgrade Project

## Mackay / Whitsunday District

### Budget and scope

- Total project budget \$80 million
- Minimum scope - 2.5km section of the Bruce Highway from the Ron Camm Bridge to Davey Street
- Stretch goal – 2km section of the Bruce Highway from Davey Street to Bald Hill Road and to join up with the Mackay Ring Road roundabout near Bald Hill Road.



# Mackay Northern Access Upgrade Project

## Risks and delivery mechanism

<b>Key risks</b>	<b>Delivery mechanism</b>
Stakeholder management	TIC-CO
Traffic management	
Blasting requirements in a urban environment	<b>Pre-qualification level</b>
Environmental	R3, B2, F20
<b>Timetable</b>	<b>Date</b>
Invitation to Tender	Q2 2018
Contract award	Q3 2018
Complete construction	Q1 2020

# Mackay Ring Road

## Mackay / Whitsunday District

### Budget and scope

- Total project budget \$497 million
- Construct a new two-lane highway with a length of approximately 11.3km
- 13 new bridges (including overpasses)
- 80km/h and 100km/h speed limit with no traffic signals
- Heavy vehicle and through vehicle bypass of Mackay
- Dual roundabouts at each end.



# Mackay Ring Road

## Risks and delivery mechanism

<b>Key risks</b>	<b>Delivery mechanism</b>
Stakeholder management	Extended Tender Engagement – TIC-CO
Supply of precast products	
Public utility plant (PUP) relocations	
Bridge and embankment foundations	
Works in Pioneer River	
<b>Timetable</b>	<b>Pre-qualification level</b>
Expressions of Interest	F150, R4, B3
Contract award	
Complete construction	
	<b>Date</b>
	Q4 2016
	Q3 2017
	Q2 2020

# Sarina Northern Access

## Mackay / Whitsunday District

### Budget and scope

- Total project budget \$11 million
- Upgrade the existing Bruce Highway / Sarina Coast Road intersection to a dual lane roundabout
- Duplication of the existing Bruce Highway on the approaches and departures
- Asphalt overlay of the existing roadway and full pavement reconstruction to widened areas.



# Sarina Northern Access

## Risks and delivery mechanism

<b>Key risks</b>	<b>Delivery mechanism</b>
Stakeholder management	TIC-CO
Traffic management	<b>Pre-qualification level</b>
Public utility plant (PUP) relocations	F5, R3
<b>Timetable</b>	<b>Date</b>
Invitation to Tender	Q2 2018
Contract award	Q3 2018
Complete construction	Q4 2019



# Rockhampton Northern Access upgrade

## Fitzroy District

### Budget and scope

- Committed funding for \$121 million
- Duplication to four lanes of Bruce Highway through Parkhurst north from Yeppoon Road intersection
- Includes upgrades to signalised intersections, service road, roundabout and bridge upgrades.



# Rockhampton Northern Access Upgrade

## Risks and delivery mechanism

<b>Key risks</b>	<b>Delivery mechanism</b>
Stakeholder consultation and management	TIC-CO
Traffic management	<b>Pre-qualification level</b>
Construction sequencing	F50, R3, B2

<b>Timetable</b>	<b>Date</b>
Invitation to Tender	Q4 2017
Contract award	Q1 2018
Complete construction	Q2 2019

# Rockhampton Road Train access

## Fitzroy District

### Budget and scope

- Project budget is \$20 million
- Federal Government funding through the Northern Australian Beef Roads Program
- Upgrades to abattoir access route including pavement widening and strengthening, bridge and culvert upgrades, ITS and signage improvements.



# Rockhampton Road Train access

## Risks and delivery mechanism

Key risks	Delivery mechanism
Stakeholder management	TIC-CO
Traffic management	Pre-qualification level
Coordination of works	F10,R3,B2
Indigenous KRA's (employment and business utilisation)	

Timetable	Date
Invite to Tender	Q1-Q2 2018
Contract award	Q2-Q3 2018
Complete construction	Q2 2019

# Our projects – construction

## Central West District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$ millions)
Reseal – Landsborough and Capricorn Highways	10mm PMB Reseal	Open tender	Q3 2017	1.45
Reseal – Kennedy Developmental Road	10mm PMB Reseal	Open tender	Q3 2017	1.9
Reseal – Diamantina Developmental Road	10mm PMB Reseal	Open tender	Q3 2017	2.4
Longreach North	Gravel supply	Open tender	Q1 2018	5
Longreach North	Pavement strengthening and widening	Open tender	Q2 2018	15

# Our projects – construction

## Mackay / Whitsunday District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$ millions)
Mackay – Bowen Basin Service Link (Walkerston Bypass)	Design and construct a new two lane highway to bypass the township of Walkerston	Open tender	Q3 2018	85
Wuthung Road to Caval Ridge	Pavement widening and strengthening – Peak Downs Highway	Open tender	Q4 2018	19
Bowen Developmental Road	Progressive low cost paving and sealing – various locations	Open tender	Q4 2018	15.8
Kalarka Road, Mosquito Creek and Carmila	Overtaking lanes – Bruce Highway (St Lawrence – Mackay)	Open tender	Q4 2018	3.9

# Our projects – construction

## Mackay / Whitsunday District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$ millions)
Bruce Highway Safety Package – 10K Bowen – Ayr	Overtaking Lanes (multiple locations)	Open tender	Q3 2018	13
Bruce Highway Safety Package – 10J Proserpine – Bowen	Formation widening, WCLT, roadside treatments and intersection upgrades (multiple locations)	Open tender	Q3 2019	13
Bruce Highway Safety Package – 10H Mackay – Proserpine	Formation widening, WCLT, roadside treatments and intersection upgrades (multiple locations)	Open tender	Q3 2019	15.6

# Our projects – construction

## Fitzroy District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$ millions)
Capricorn Highway (Rockhampton – Gracemere) duplication	Design and Construction	Open	Q4 2017	60
Phillip Street 4 lanes	Construct auxiliary lane/s	Open	Q2 2018	13.5
Capricorn Highway (Rockhampton – Emerald) Overtaking Lanes	Construct overtaking lane/s	Open	Q3 2018	16.5
Bajool-Port Alma Road	Shoulder widening and sealing	Open	Q3 2018	10



# Our projects – construction

## Fitzroy District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$ millions)
Bruce Highway Safety Package Granite Creek North	Overtaking lanes and pavement widening, WCLT, and roadside treatments (multiple locations)	Open	Q1 2018	6.5
Bruce Highway Safety Package Bororen – Rodds Bay	Overtaking lanes (multiple locations)	Open	Q1 2018	11
Bruce Highway Safety Package Benaraby – Calliope River	Overtaking lanes and widening (multiple locations)	Open	Q2 2018	35

# North Queensland Regional Industry Briefing

Queensland Transport and Roads Investment Program 2017–18

Sanjay Ram, Regional Director

# Our region

## North Queensland Region

Sanjay Ram

**Regional Director**

Sandra Burke

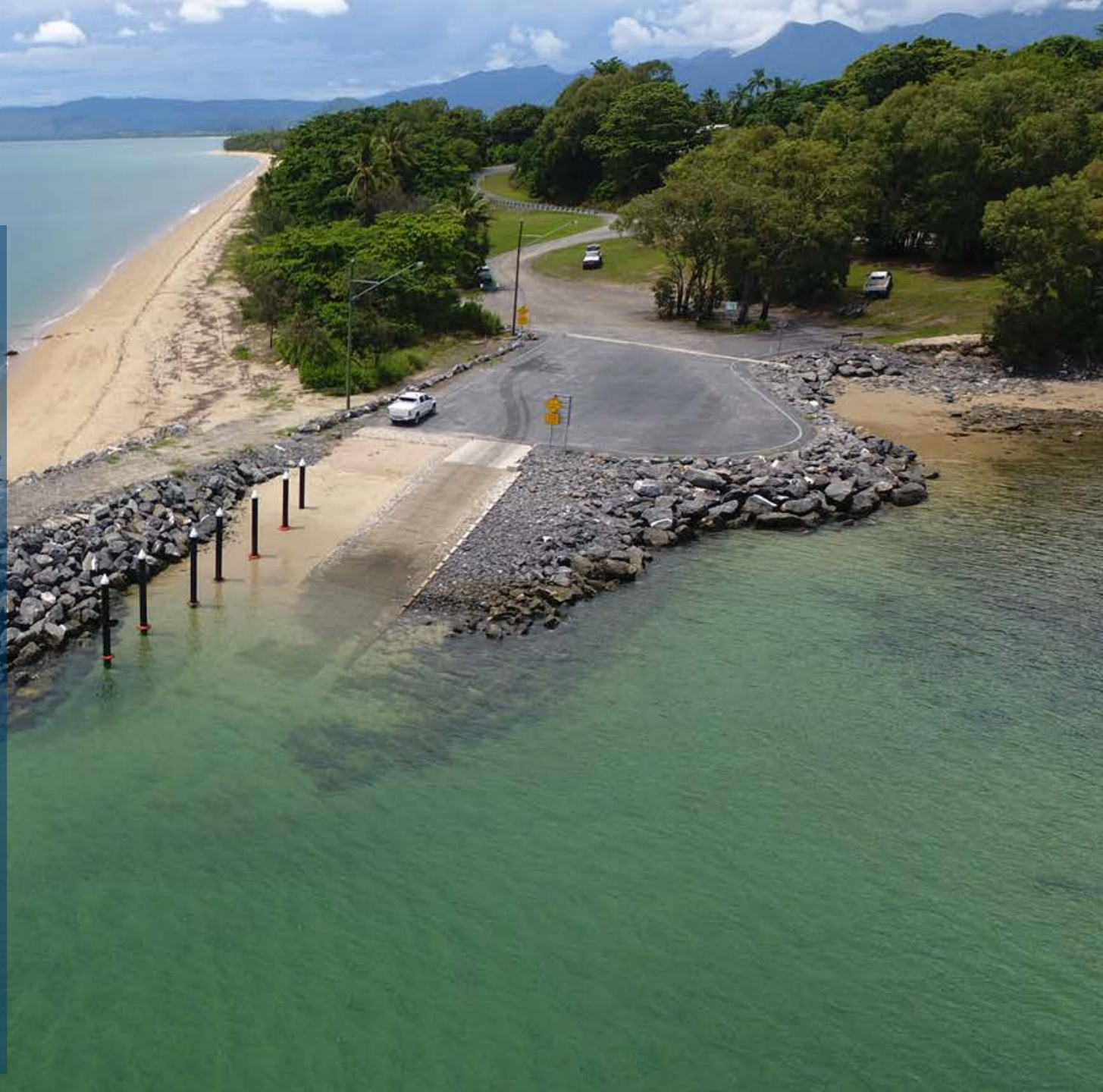
**District Director  
(Far North District)**

Kristy Hows

**District Director  
(North West District)**

Peter Sakkas

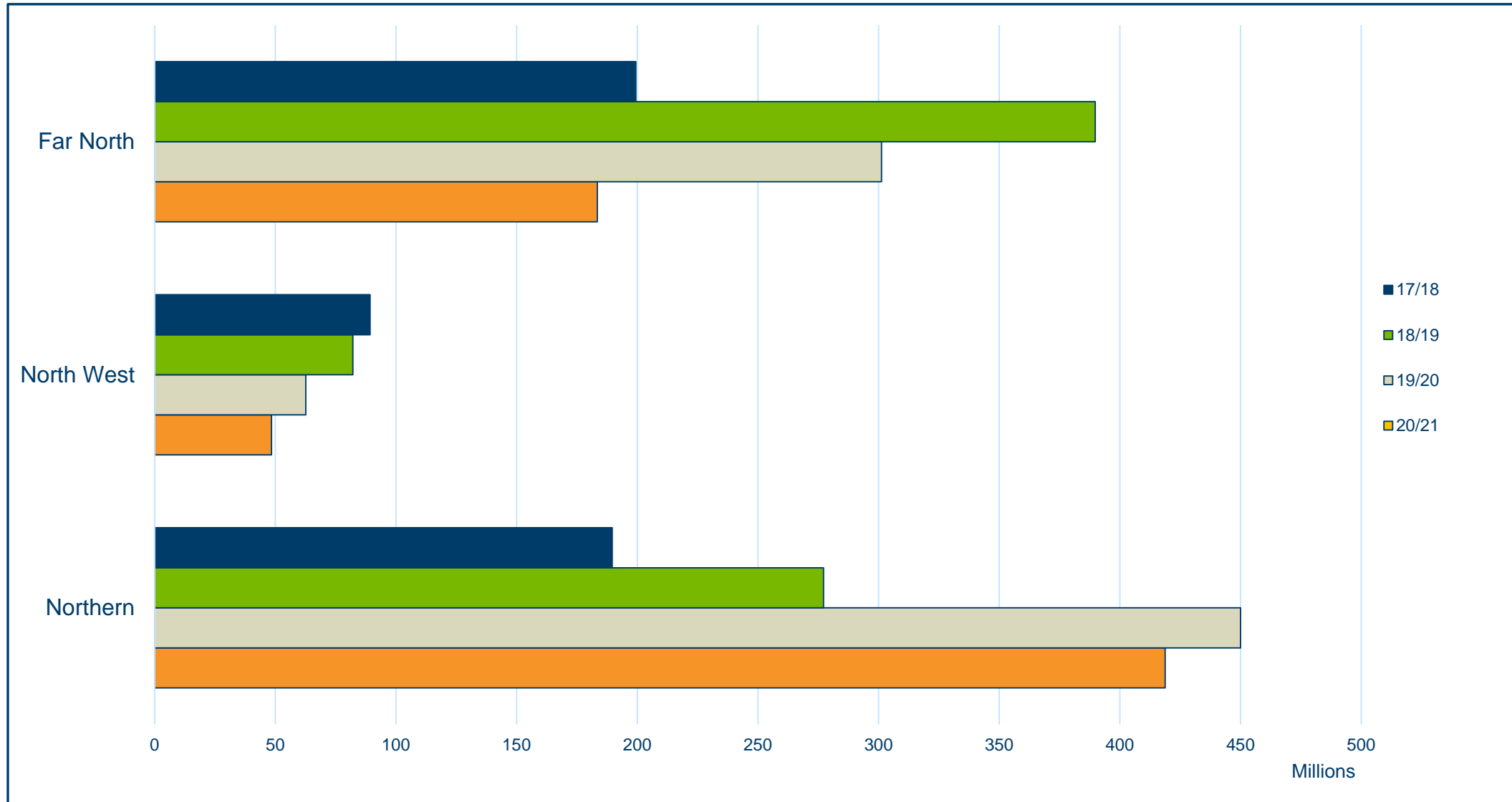
**A/District Director  
(Northern District)**



# Our program

- Safety improvements
- Improving freight and commuter access
- Flood immunity improvements
- Employment and business development
- Maintenance
- Investment in Indigenous and non-Indigenous opportunities.

# North Queensland regional program values

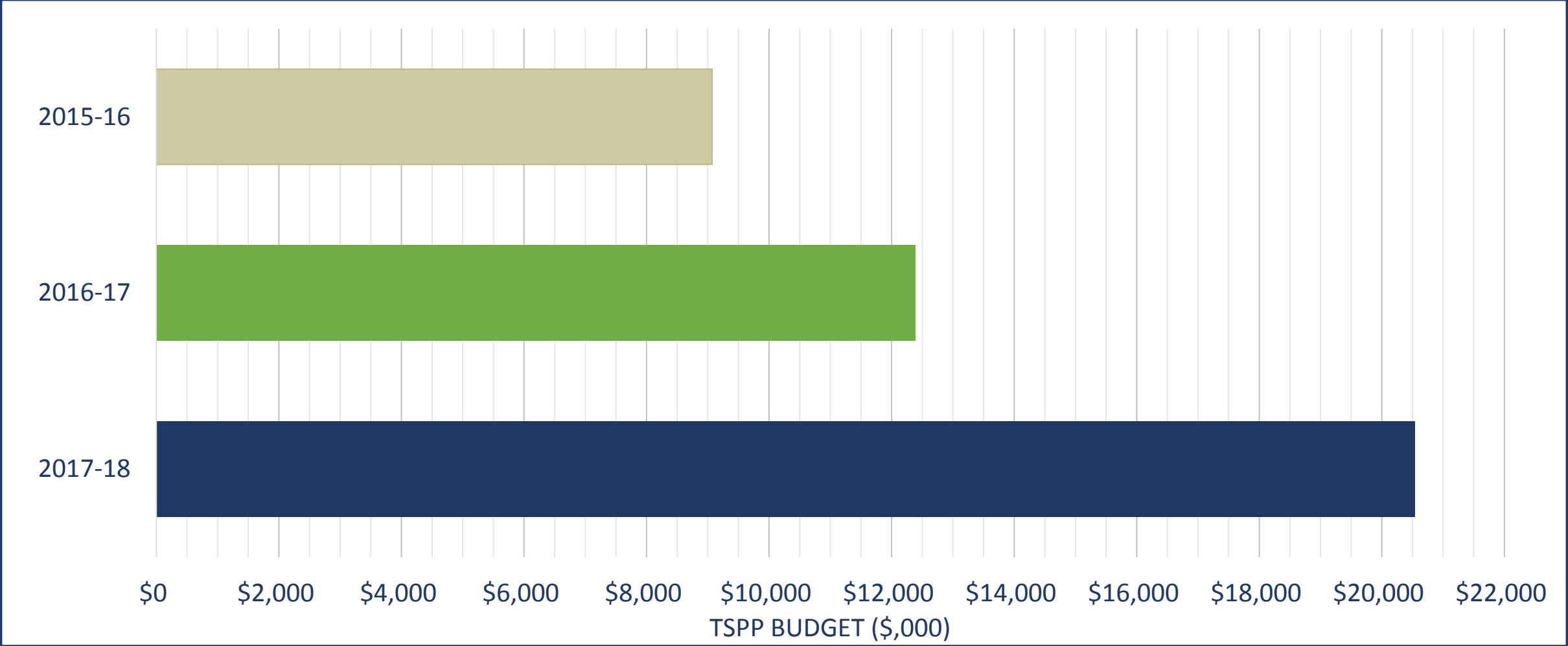


# Our program

QTRIP funding allocations	2017-18	To be tendered in 2017-18	2017-18 to 2020-21 total
Far North District	\$ 199m	\$ 116.7m	\$ 1.07b
North West District	\$ 89m	\$ 31.5m	\$ 282m
Northern District	\$ 189m	\$ 25m	\$ 1.3b



# Our program – planning





**Kennedy Developmental Road Upgrade**

**Cape River bridge replacement**

**Cattle Creek Frances Creek upgrade**

**Riverway Drive Stage 1 duplication**

**Cairns Southern Access Corridor Stage 2**

**Cairns Southern Access Corridor Stage 3**

**Smithfield Bypass**

**Bill Fulton Bridge**

**Cairns Southern Access Corridor Stage 4**

**Flinders Highway Rehabilitate Pavement**

**Bruce Highway Pavement widening & overtaking**

**Townsville Bus Station**

**Haughton River Floodplain bridges and approaches**



# Our projects – planning and design

## Northern District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Garbutt-Upper Ross Road - Allambie Lane to Dunlop St – Capacity Upgrade (Riverway Drive Stage 2)	Planning – Options Analysis	Open tender	Q2 2018	350
Townsville Connection Road (Stuart Drive) - Capacity Upgrade Planning	Planning – Preliminary Evaluation	Open tender	Q4 2017	600
Road Safety Audit Link Plan – North Ward Road	Planning – Link Plan	ECS	Q4 2017	150

# Our projects – planning and design

## Northern District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Road Safety Audit Link Plan – South Townsville Road	Planning – Link Plan	ECS	Q4 2017	100
Mount Low Parkway – Svensson Road intersection upgrade	Planning – Business Case	ECS	Q2 2018	350
Townsville Port Road – Network modification planning	Planning – Business Case	ECS	Q4 2017	300

# Our projects – planning and design

## Northern District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Road Safety Audit Link Plan – Douglas – Garbutt Road	Planning – Link Plan	ECS	Q4 2017	200
Townsville Priority Principal Cycle Route facilities – CBD to University	Planning – Business Case	ECS	Q3 2017	900
Bruce Highway – University Road noise barriers	Planning – Business Case	ECS	Q1 2018	450

# Our projects – planning and design

## Far North District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Cairns Westerns Arterial Road (CWAR) – Pease/Reservoir Intersection Upgrade	Planning – Options Analysis and Business Case	ECS	Q4 2017	100
Tablelands Heavy Vehicle Action Plan	Planning – Area Study	ECS	Q1 2018	60
Innisfail Bypass	Planning – Strategic Assessment of Service Requirement and Preliminary Evaluation	ECS	Q1 2018	1.5m
Captain Cook Highway – Florence St to Airport Avenue Upgrade	Planning – Link Study	ECS	Q1 2018	80

# Our projects – planning and design

## Far North District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Kennedy Highway – Upgrade of Golf Links Drive and Grove Street Intersections	Planning – Business Case	Open tender	Q3 2017	200
Duplication – CWAR from Redlynch Connection Road to the Barron River Bridge	Planning - Business Case	Open tender	Q1 2018	240
Upgrade of intersection of Bruce Highway with Munro Street	Planning – Business case	Open tender	Q3 2017	200
Flood immunity upgrade of the Bruce Highway near Dallachy Road	Planning – Business case	Open tender	Q4 2017	400

# Our projects – planning and design

## North West District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$'000)
Flinders Highway (Richmond – Cloncurry) – Pavement widening and strengthening	Planning – Business Case	ECS	Q1 2018	250
Beames Brook Bridge replacement	Detailed Design and Investigations	ECS	Q3 2017	250
Aramac – Torrens Creek Progressive sealing	Planning – Business Case	ECS	Q4 2017	90
Barkly Highway Cloncurry – Mount Isa Mount Isa city centre pedestrian intersection improvements and intersection upgrades	Detailed Design	ECS	Q3 2017	300

# Our significant projects: Flinders Highway (Townsville – Charters Towers)

## Rehabilitate pavement

Northern District

### Budget and scope

- Estimated contract value \$8.9 million
- Under Northern Australia Roads Program
- Approximately 5km of pavement rehabilitation and strengthening.



# Flinders Highway (Townsville – Charters Towers): Rehabilitate pavement

## Risks and delivery mechanism

Key risks	Delivery mechanism
Construction under traffic (heavy vehicle and tourist management)	TIC-CO (Transport Infrastructure Contract – Construct Only)
Materials supply and logistics (gravel)	
Indigenous KRA's (employment and business utilisation)	Pre-qualification level
	F10, R3, B1
Timetable	Date
Invitation to Tender	Q3 2017
Contract award	Q4 2017
Complete construction	Q1 2019



# Bruce Highway (Townsville – Ingham): Pavement widening and overtaking

Northern District

## Budget and scope

- Estimated contract value \$12 million
- Under Bruce Highway Upgrades Program
- Pavement widening and overtaking works over approximately 7.4km.



# Bruce Highway (Townsville – Ingham): Pavement widening and overtaking

## Risks and delivery mechanism

Key risks	Delivery mechanism
Construction under traffic (Greenfield/brownfield)	TIC-CO
Public Utility Plant (PUP) and Property resumptions	
Cultural Heritage and Environment	<b>Pre-qualification level</b>
Intersections treatments (5)	F15, R3, B1
Wet season impacts	

Timetable	Date
Invitation to Tender	Q1 2018
Contract award	Q2 2018
Complete construction	Q3 2019

# Bruce Highway - Cairns Southern Access Corridor Stage 3: Edmonton to Gordonvale

## Far North District

### Budget and scope

- Total project budget \$481 million
- Four lanes between Edmonton and Gordonvale (10 km)
- Removal/restriction of 10 existing intersections
- All direct property accesses via service roads
- Two new signalised intersections
- Existing Bruce Highway re-used as 3.5 km service road
- 4.6km of new Queensland Rail (QR) line with deficiencies rectified
- Removal of seven QR 'at grade' crossings.



# Bruce Highway - Cairns Southern Access Corridor Stage 3: Edmonton to Gordonvale

## Risks and delivery mechanism

Key risks	Delivery mechanism
Stakeholder management	Design and Construct (D&C)
Traffic management	
PUP relocations	
Design and construction management	
	Pre-qualification level
	F150PLUS, R4, B3, A3
	BD3, GE3, HE3, HD3, TE3
Timetable	Date
Contract award	Q1 2019
Start of construction	Q1 2019
Complete construction	Q2 2022

# Bruce Highway – Cairns Southern Access Corridor Stage 4: Kate Street to Aumuller Street

## Far North District

### Budget and scope

- Estimated contract value \$97 million
- Inbound:
  - New 3 lane carriageway and bridge Kate to Lyons Streets
  - Widen existing carriageway between Lyons and Aumuller Streets
- Outbound:
  - Widen existing carriageway and bridge to three lanes on the median side from Aumuller to Kate Streets
  - Construct to six lanes on existing carriageway between Aumuller and Buchan Streets.



# Cairns Southern Access Corridor Stage 4: Kate Street to Aumuller Street

## Risks and delivery mechanism

Key risks	Delivery mechanism
Geotechnical issues	TIC-CO
Environmental issues	
Stakeholder management	Pre-qualification level
Traffic management	F50, R4, B3, A3
PUP relocations	
Timetable	Date
Invitation to Tender	Q2 2018
Contract award	Q2 2018
Complete construction	Q2 2021

# Smithfield Bypass

## Far North District

### Budget and scope

- Estimated contract value \$98 million
- Two lane bypass – 3.8km long
- Upgrade existing Yorkeys Knob roundabout with a four leg signalised intersection
- Left off exit at Cattana Road
- Exit and entry ramp to proposed Council collector road at the northern end
- Two lane two way overpass at McGregor Road roundabout
- Cycleway.



# Smithfield Bypass

## Risks and delivery mechanism

Key risks		Delivery mechanism	
Stakeholder management		D&C	
Traffic management			
Hydraulic design		<b>Pre-qualification level</b>	
Geotechnical design		F75, R4, B3, A3	
Design and construction management		BD3, GE3, HE3, HD3, TE3	
Timetable		Date	
Contract award		Q1 2018	
Start of construction		Q3 2018	
Complete construction		Q4 2020	



# Kennedy Developmental Road upgrade

## North West District

### Budget and scope

- Estimated contract value \$13.5 million
- Progressive seal unsealed sections 38.54 – 50.07km and 50.34 – 56.02km from The Lynd towards Hughenden



# Kennedy Developmental Road upgrade

## Risks and delivery mechanism

<b>Key risks</b>	<b>Delivery mechanism</b>
Weather	TIC-CO
Traffic management	<b>Pre-qualification level</b>
Material Supplies	R2
Location (isolated)	
Indigenous KRA's (employment and business utilisation)	
<b>Timetable</b>	<b>Date</b>
Invitation to Tender	Q4 2017
Contract award	Q4 2017
Complete construction	Q4 2018

# Our projects – construction

## Northern District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$million)
Flinders Highway (Townsville – Charters Towers)	Rehabilitate pavement	Open tender	Q3 2017	8.9
Gregory Developmental Road (Belyando Crossing – Charters Towers) Sardine Creek – Boomerang Creek	Widen pavement	Open tender	Q2 2018	3.5

# Our projects – construction

## Northern District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$million)
Bruce Highway (Townsville – Ingham) Hechts Road – Yuruga Road	Widen pavement	Open tender	Q1 2018	8.4
Bruce Highway (Townsville – Ingham) Yuruga Road – Easter Creek	Widen pavement	Open tender	Q1 2018	1.1
Bruce Highway (Townsville – Ingham) Little Gin Creek – Jourama Falls	Overtaking lanes	Open tender	Q1 2018	3.3

# Our projects – construction

## Northern District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$million)
Bruce Highway (Townsville – Ingham) Deep Creek – Bluewater Creek	Widen pavement	Open tender	Q1 2018	6.6
Bruce Highway (Townsville – Ingham) Two Mile Creek to Sleeper Log Creek	Widen pavement	Open tender	Q1 2018	0.9
Bruce Highway (Townsville – Ingham) Two Mile Creek to Sleeper Log Creek	Overtaking lanes	Open tender	Q1 2018	3.3

# Our projects – construction

## Far North District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$million)
Kuranda Range – South of Streets Creek	Widen pavement	Open tender	Q3 2017	2.8
Kennedy Highway (Ch 11.18 – 12.08km) Saddle Mountain Road	Rehabilitate pavement	Open tender	Q3 2017	1.5
Mulligan Highway - Kelly St George Bridge and Spring Creek Bridge	Upgrade existing bridges	Open tender	Q3 2017	4.9

# Our projects – construction

## Far North District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$million)
Mulligan Highway - Spear Creek Bridge and Palmer River Bridge	Upgrade existing bridges	Open tender	Q3 2017	5.4
Bruce Highway – Kate Street to Aumuller Street	Widen four lanes to six lanes	Open tender	Q2 2018	97
*Smithfield Bypass	Two lane bypass	Open tender	Q3 2017	98
Bruce Highway – Gundah Singh Road to Tawalla Creek	Rehabilitate pavement	Open tender	Q1 2018	1.2

\* - Smithfield Transport Corridor Upgrade is a 2 Stage Early Contractor Involvement delivery contract, Request for Proposal will commence in August 2017 post presentation of the Cairns Significant Projects Industry Briefing.

# Our projects – construction

## North West District

Project name	Work type	Procurement method	Approx. quarter to be called	Est. contract budget (\$million)
Kennedy Developmental Road (Hughenden-The Lynd)	Progressive sealing	Open tender	Q4 2017	13.5
Flinders Highway (Hughenden-Cloncurry)	Undertake programmed maintenance	Open tender	Q3 2017	4.3



# Industry briefings – Townsville

Mercure Townsville, Ball Room	Tuesday 15 August 2017
QTRIP Overview	✓
Transport System Planning Program Overview	✓
QTRIP Regional Overview: <ul style="list-style-type: none"><li>• Central Queensland</li><li>• North Queensland.</li></ul>	✓
Question and Answer	11:45 – 12:15 pm
Networking / Light lunch	12:15 – 1:00 pm

# 2017-18 QTRIP Industry Briefing

## Question and Answers

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# Thank you and stay connected

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