

Queensland Transport and Roads Investment Program

2022–23 to 2025–26

Central Queensland Region

Dave Grosse, Regional Director
Department of Transport and Main Roads

Our region

Central Queensland

Dave Grosse
Regional Director

Gavin Hill
A/District Director
Central West

Kristy Hows
District Director
Fitzroy

Patrick Aprile
District Director
Mackay Whitsunday

Image: Pave and seal project on the Blackall-Jericho Road. Source: TMR.

Central Queensland Region

Our program – focus areas of investment

- Bruce Highway
- Maintenance
- Targeted Road Safety Program
- State Road Network Upgrade

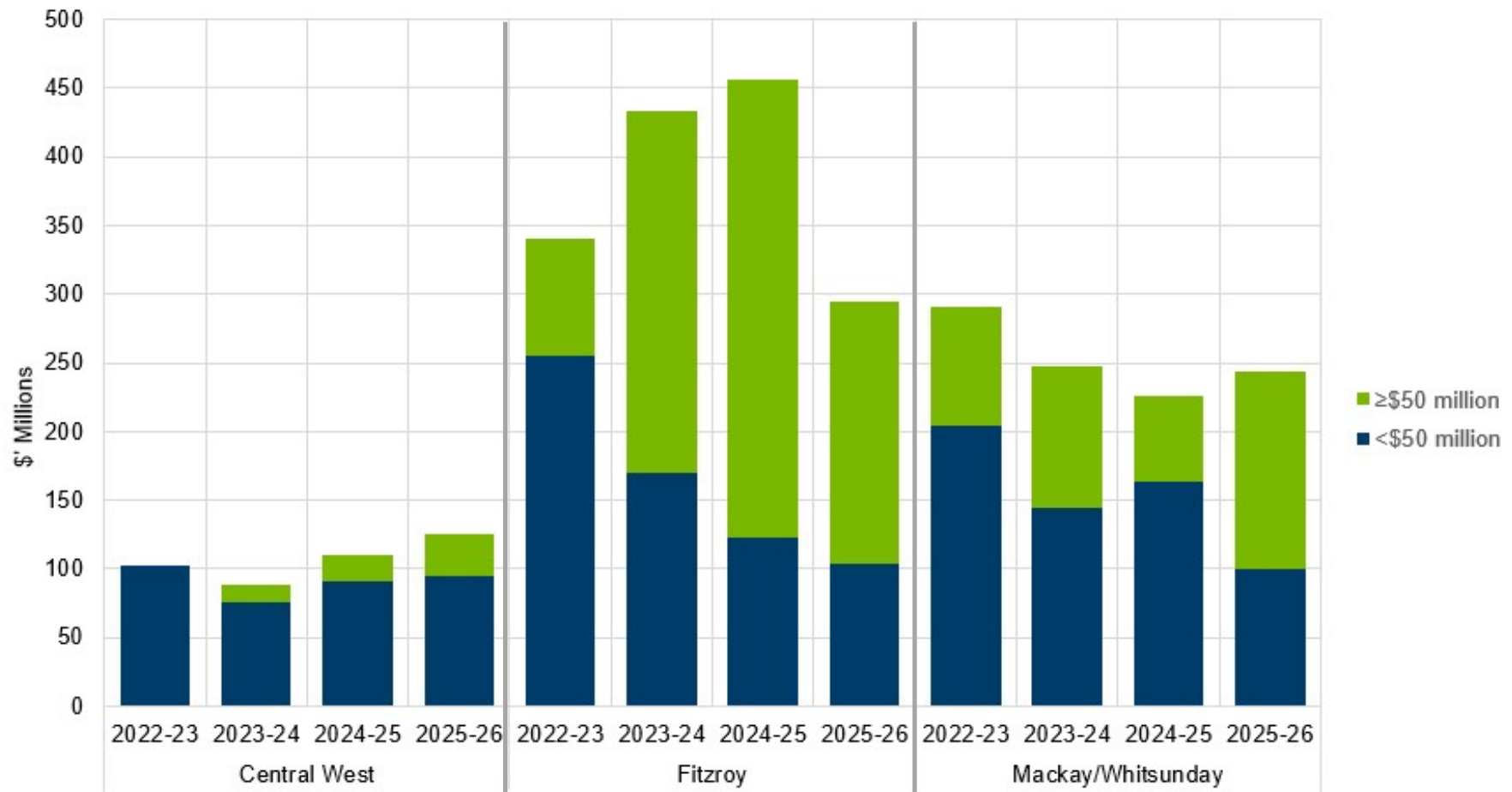
Image: Bruce Highway (Mackay – Proserpine), Hampton to Kuttabul. Source: TMR

Central Queensland Region

Our program approach – associated challenges

Top challenges	Description
Plant	<ul style="list-style-type: none">• Specialist plant and services not available when required• Increased running costs due to high cost of fuel
People	<ul style="list-style-type: none">• Continued difficulty in attracting and retaining suitably skilled and experienced internal resources• Contractors experiencing difficulty in attracting suitably skilled resources
Materials	<ul style="list-style-type: none">• Peaks in demand and supply chain constraints affecting supply time frames• Rising cost of supply and transportation costs of materials such as bituminous and petroleum products• Achieving conforming material supply
Weather	<ul style="list-style-type: none">• Unpredictable weather patterns affecting the delivery of the program• Continued partly drought declared areas, affecting the ability to source water locally and/or close to project sites, potentially increasing contract values.

Central Queensland regional program values

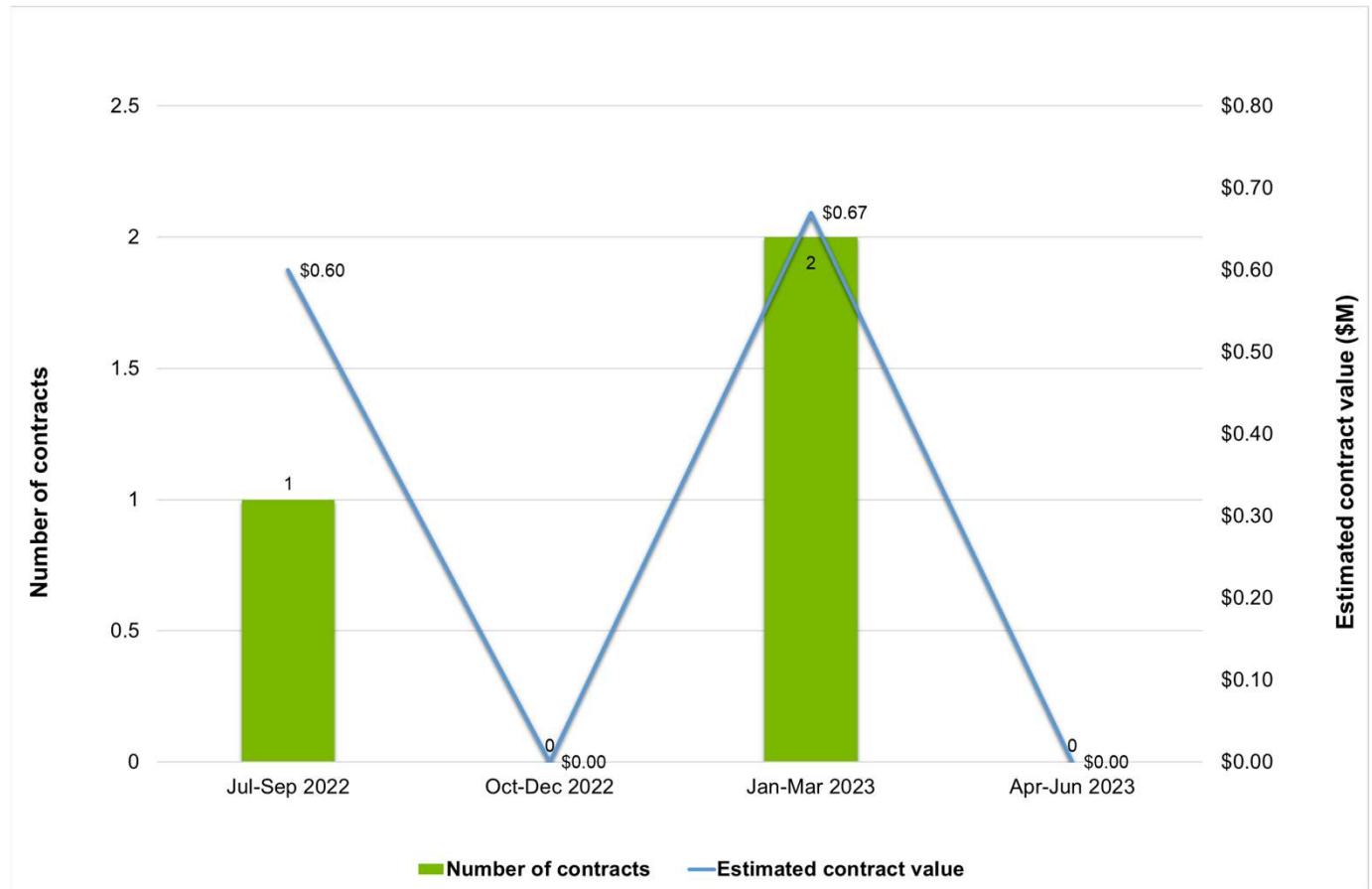


Our program – to be tendered in 2022–23

Project contract values	2022–23	
	Number of contracts	\$(M)
Planning	3	1.27
Design	3	8
Construction ≤ \$5 million	2	8.5
Construction > \$5 million to \$25 million	4	35.10
Construction > \$25 million to \$100 million	1	51.5
Maintenance	8	14.9

2022–23 procurement for planning

Seeking to procure \$1.27 million of services from the market



Approximate number of tenders called per quarter

Planning – key planning projects

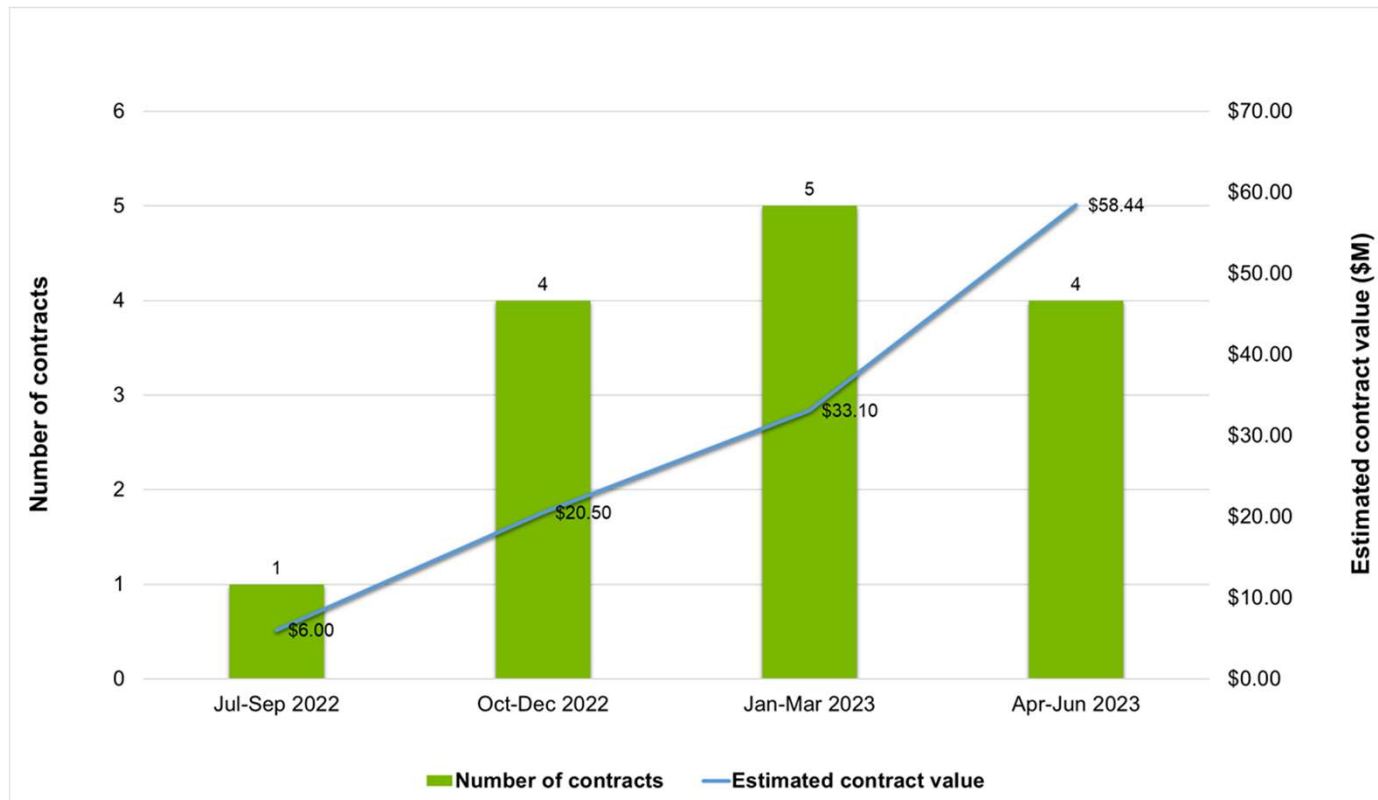
Project name	Work type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Mackay – Bucasia Road, Capacity upgrades and duplication	Business case	Select invitation, prequalified	TP2/HE3	July–Sept 2022	0.6
Capricorn Highway (Rockhampton – Duaringa) non-timber bridge strengthening program	Options analysis and business case	Select invitation, prequalified	HE1/CE1/BD1/HD1/GE1	Jan–Mar 2023	0.42

Planning – key planning projects

Project name	Work type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Dawson Highway (Gladstone – Biloela), Kirkwood Road and Don Young Drive intersections upgrade; 1904906	Options analysis	Select invitation, prequalified	BC2/CE2/ ES1/GE1/ HE2/HD1/ TE1/TP1	Jan–Mar 2023	0.25

2022–23 procurement for design, construction and maintenance per quarter

Seeking to procure \$118 million of services from the market



Approximate number of tenders called per quarter

Construction projects – design

Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Bruce Highway (Rockhampton – Street Lawrence), Bolsover Street, intersection upgrade	Detailed Design	CFEP	Select invitation, prequalified	TBC^^	Oct–Dec 2022	2.0
Capricorn Highway (Emerald – Alpha), strengthen and widen pavement	Preliminary and Detailed Design	CFEP	Open invitation, prequalified	CE2/HE2/HD2	Apr–Jun 2023	3.5
Kennedy Developmental Road (Winton – Boulia), resilience, strengthen and widen pavement	Preliminary and Detailed Design	CEFP	Open invitation, prequalified	CE2/HE2/HD2	Apr–Jun 2023	2.5

CFEP – Consultant for Engineering Projects

^^ Prequalification details are yet to be determined

Construction projects ≤\$5 million

Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Bruce Highway (Benaraby – Rockhampton), Raglan Creek, upgrade bridge	Construction	TIC-CO	Select tender	B2/F10	Jan–Mar 2023	3.8
Bruce Highway (Mackay-Proserpine), Palm Tree and Blackrock Creek bridges	Strengthen bridges	TIC-CO	Open tender	F5/R2/B3	Jan–Mar 2023	4.7

TIC-CO – Transport Infrastructure Contract Construct Only

Construction projects >\$5 million to \$25 million

Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Bruce Highway (Gin Gin-Benaraby), Station Creek and Boyne River, upgrade bridges	Construction	TIC-CO	Select tender	B2/F10	Jan–Mar 2023	9.6
Bruce Highway (Rockhampton – Street Lawrence), upgrade bridges, various locations	Construction	TIC-CO	Select tender	B2/F10	Jan–Mar 2023	8.0

TIC-CO – Transport Infrastructure Contract Construct Only

Construction projects >\$5 million to \$25 million

Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Capricorn Highway (Duaringa – Emerald) and Gregory Highway (Springsure – Emerald); improve intersection	Construction	TIC-CO	Open tender	R3/F10	Jan–Mar 2023	7.0

TIC-CO – Transport Infrastructure Contract Construct Only

Proserpine – Shute Harbour Road, Hamilton Plains

Project details

- Flood immunity upgrade
- Jointly funded 80:20
- Contract value – \$10.5 million
- Open tender contract to be called in the October–December quarter of 2022.



Image: Location of works on the Shute Harbour Road. Source: Interactive maps.

Proserpine – Shute Harbour Road, Hamilton Plains

Risks and delivery mechanism

Key risks
Maintaining access for cane farms during crushing season
PUP relocation
Working within the rail corridor
Working within a floodplain
Impact of market conditions, e.g. supply of precast drainage components
High rainfall and tropical cyclone zone

Contract type
TIC-CO
Pre-qualification levels
A1/R3/F25

Timetable	Date
Contract award	January 2023
Construction commence	April 2023
Construction complete	Early 2024

PUP – Public Utility Plant
TIC-CO – Transport Infrastructure Contract Construct Only

Construction projects >\$25 million to \$100 million

Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Bruce Highway (Rockhampton – St. Lawrence); Pine Mountain Creek to Deep Creek	Widen pavement	TIC-CO	Open Tender	R3/F50	Apr–Jun** 2023	51.5

** Project scope, timing and budget is subject to Australian Government approvals
TIC-CO – Transport Infrastructure Contract Construct Only

Rockhampton Ring Road

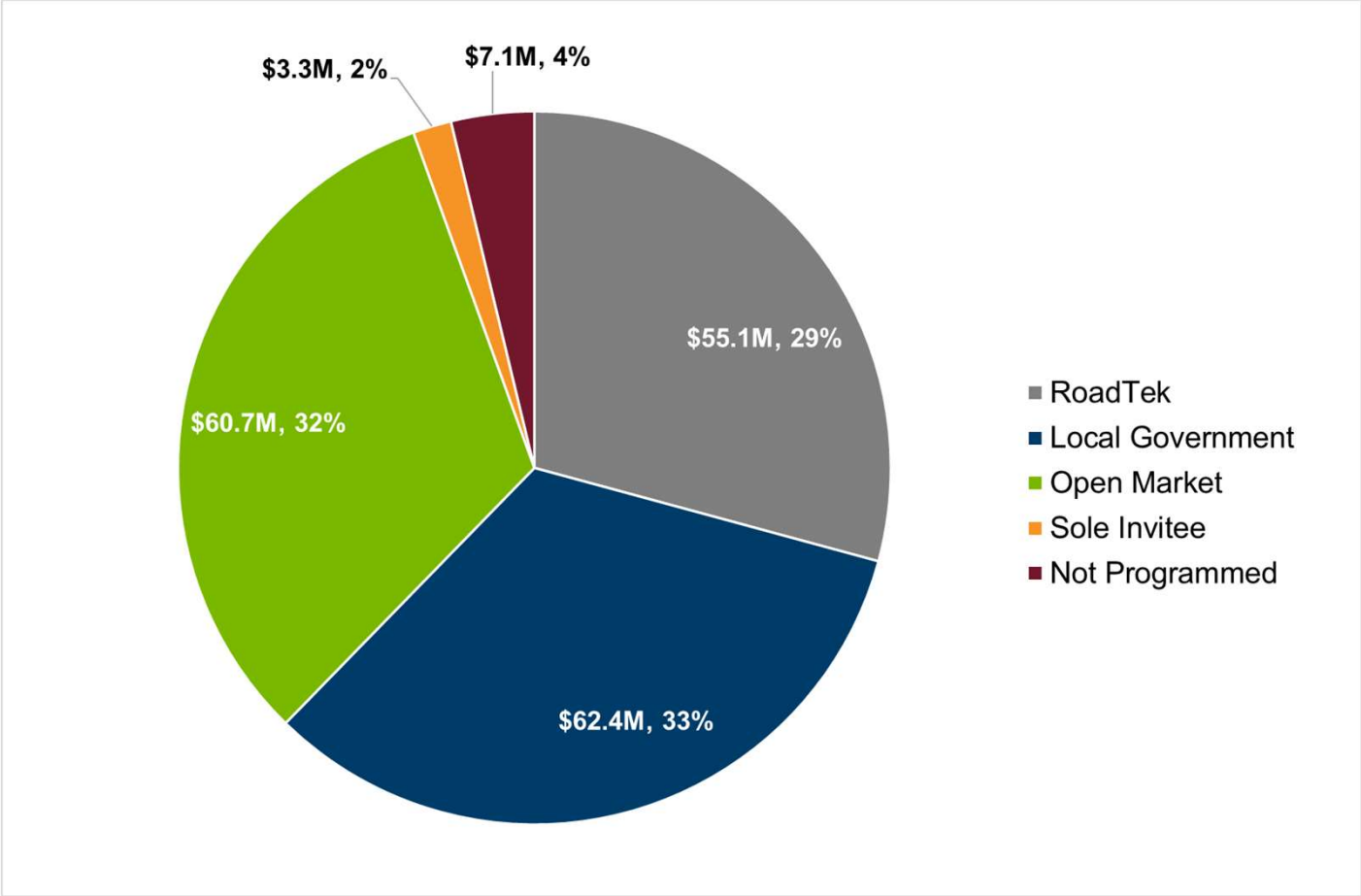
Project details

- Construction of two and four lane road link between Gracemere and Parkhurst in Rockhampton
- Estimated construction start is April 2023
- Estimated completion is December 2026
- Tenders for the main construction contracts have been shortlisted.



Image: Artist's impression, Rockhampton Ring Road – Alexandra Street overpass. Source: TMR.

2022–23 Maintenance, preservation and environment sector distribution



Maintenance program

Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
2021–22 to 2022–23 Program maintenance; various locations (state network)	Reseals resurfacing	MIC-CO	Open tender	N/A	Jul–Sep 2022	6.0
2021–22 to 2022–23 Pavement rehabilitation; various locations (state network)	Pavement Rehabilitation	MIC-CO	Open tender	R2/F10	Oct–Dec 2022	5.0
2021–22 to 2022–23 Program maintenance; various locations (state network)	Asphalt resurfacing	MIC-CO	Open tender	A3	Oct–Dec 2022	3.0

MIC-CO – Minor Infrastructure Contract Construct Only

Maintenance program

Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
2022–23 to 2023–24 Reseal Program, State Network 2322814 and 2022-23 Skid Resistance Program, State Network	Bitumen seal and Skid resistance treatments	MIC-CO	Open tender	F2 and R1/F2	Apr–Jun 2023	0.936

MIC-CO – Minor Infrastructure Contract Construct Only

Indicative material demand

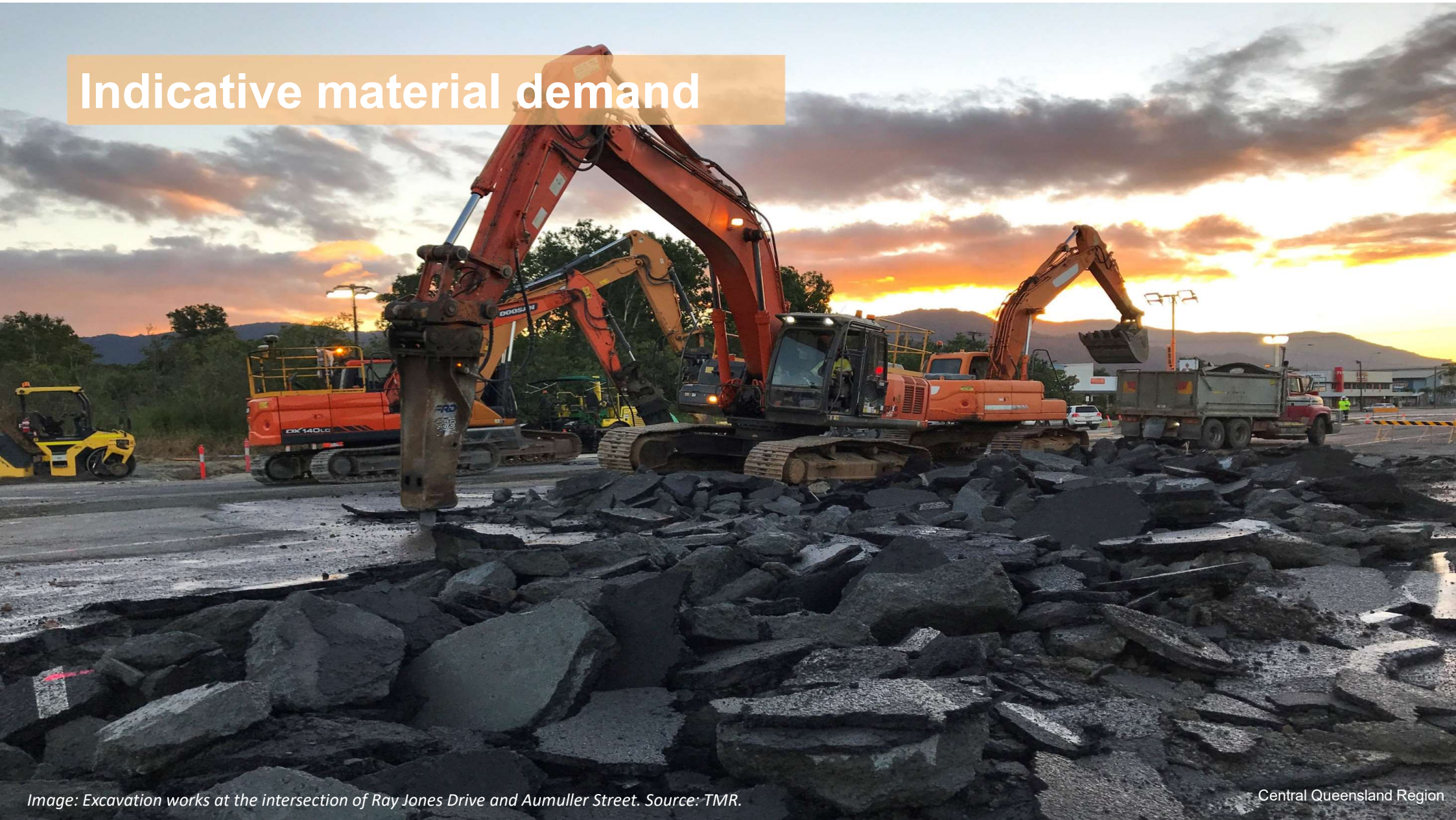
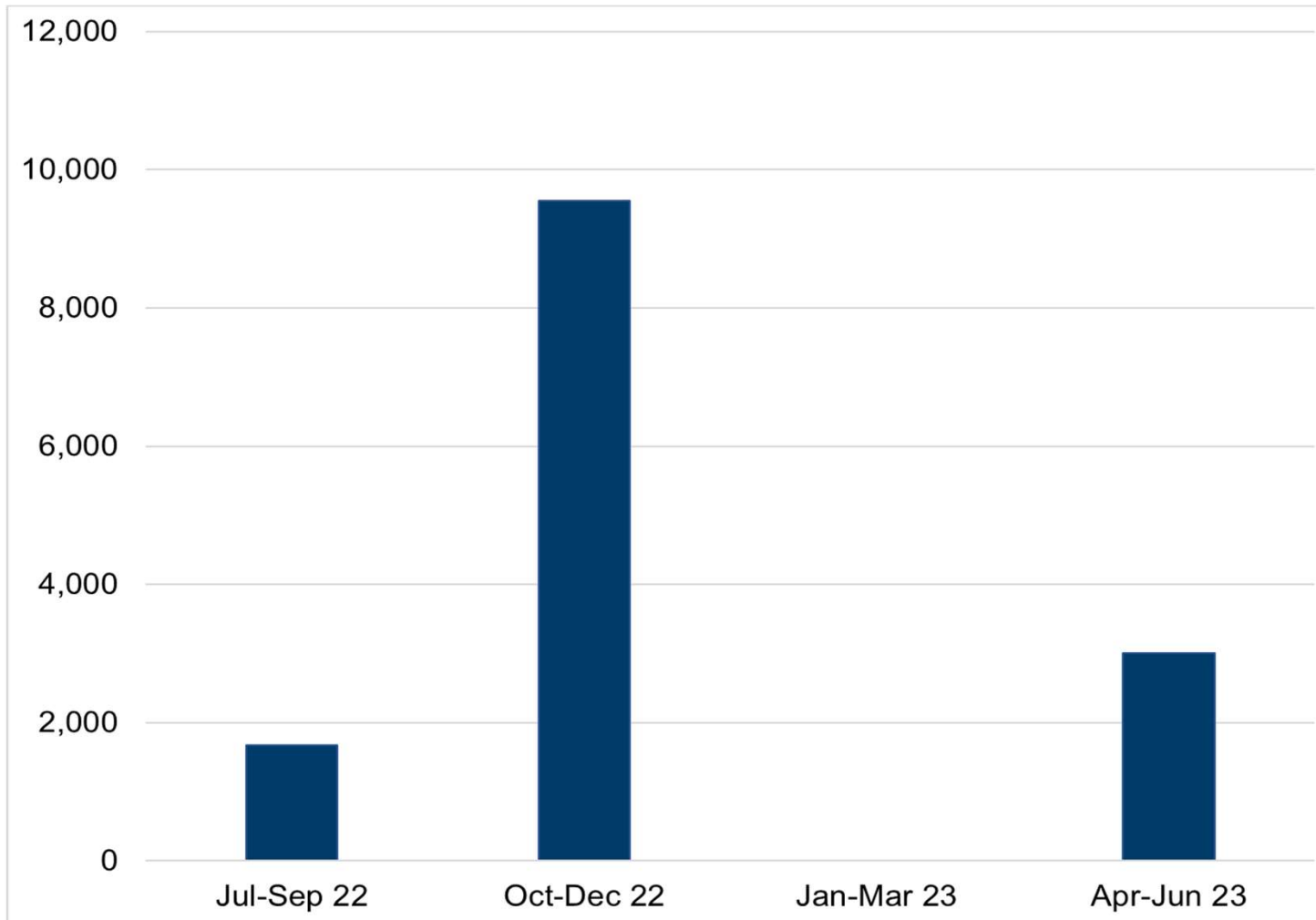
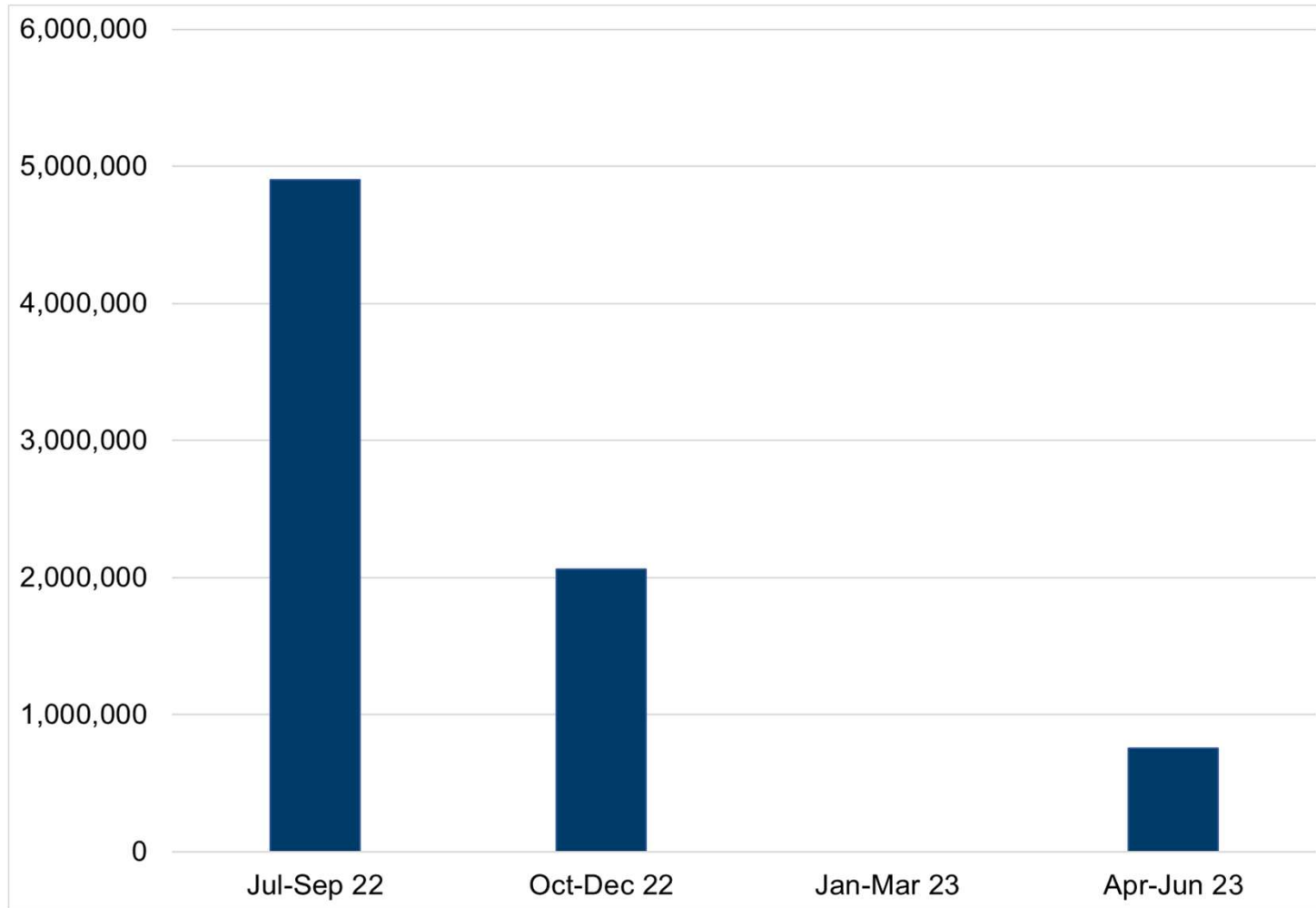


Image: Excavation works at the intersection of Ray Jones Drive and Aumuller Street. Source: TMR.

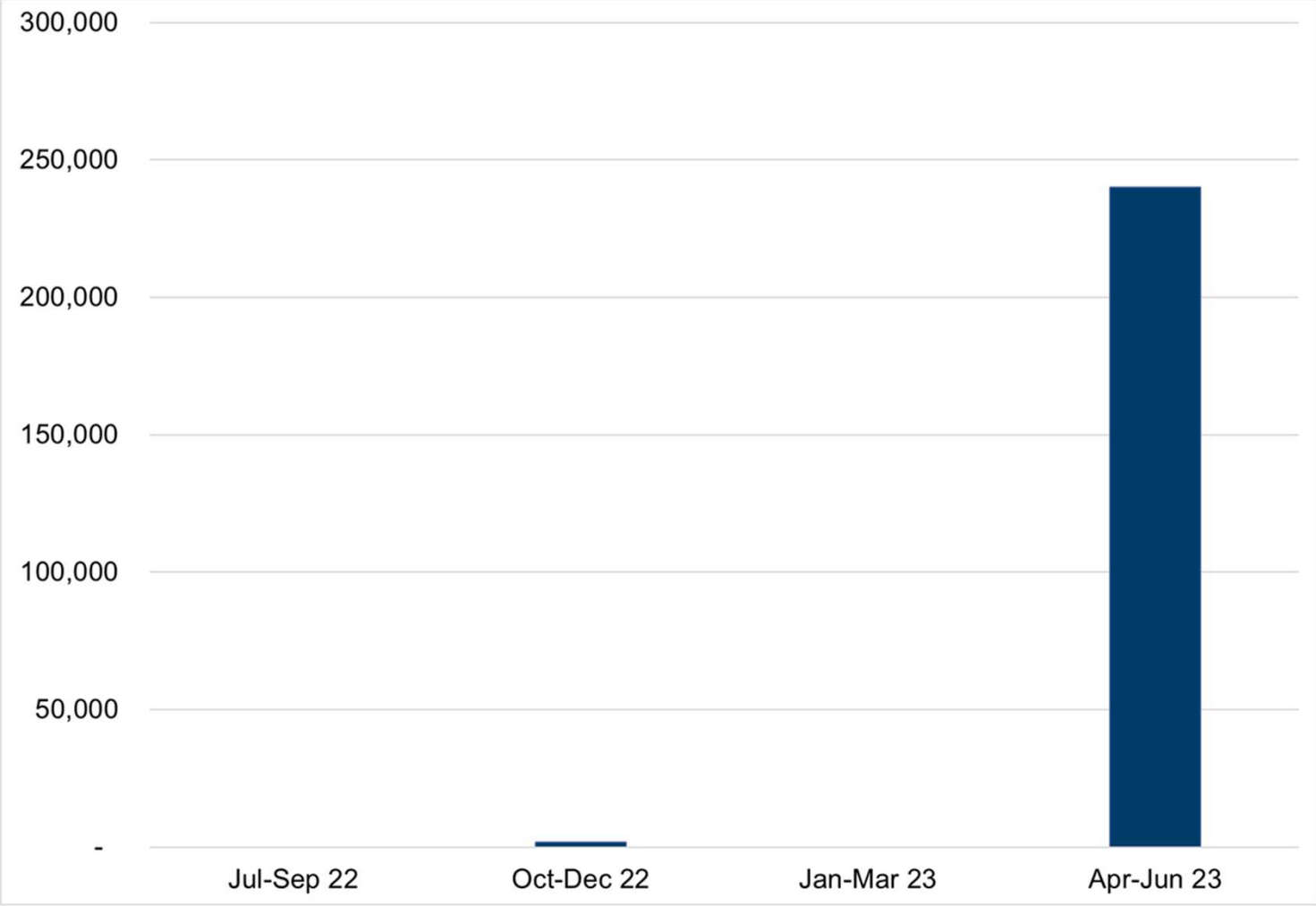
Estimated asphalt demand (tonnes)



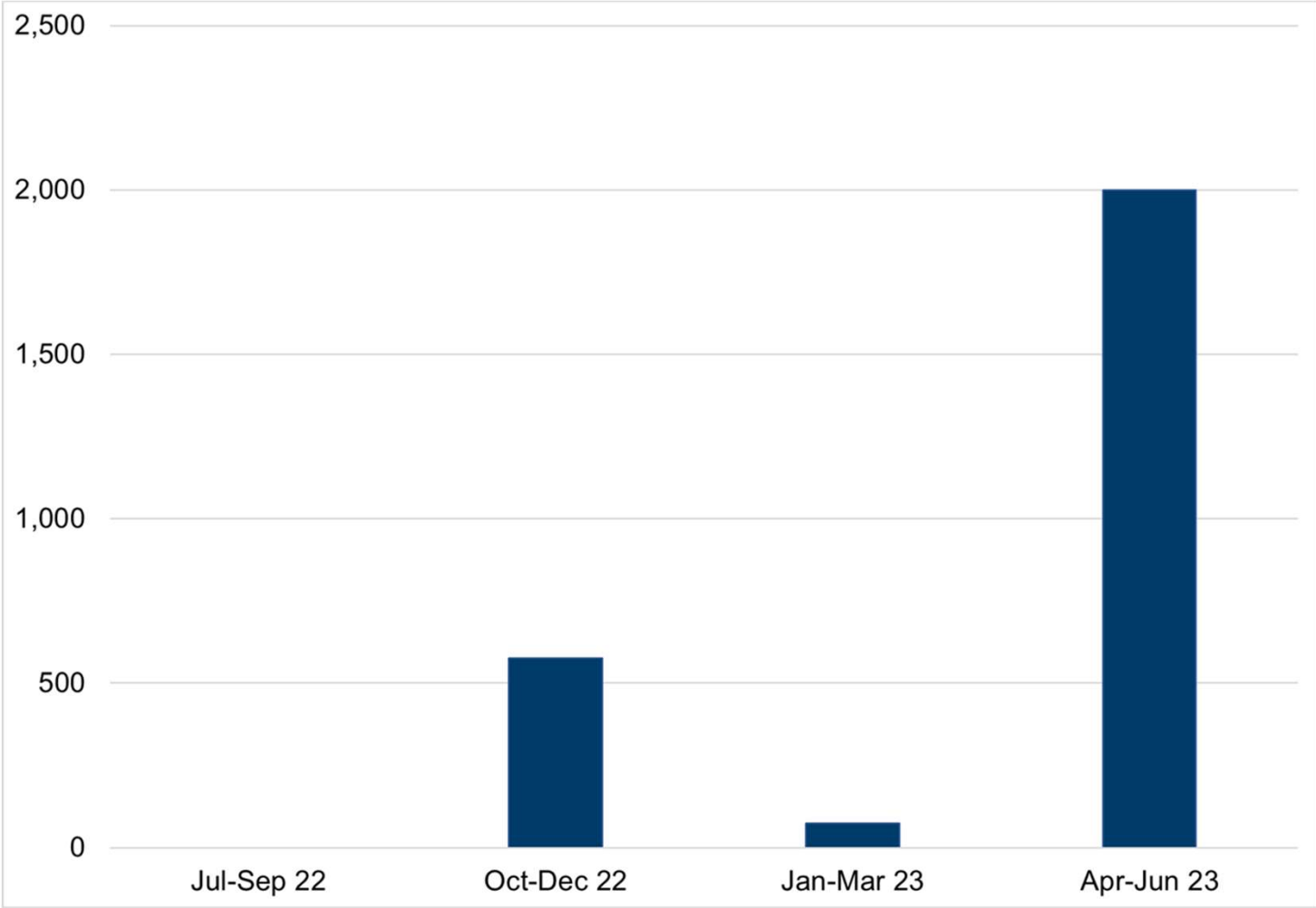
Estimated bitumen demand (litres)



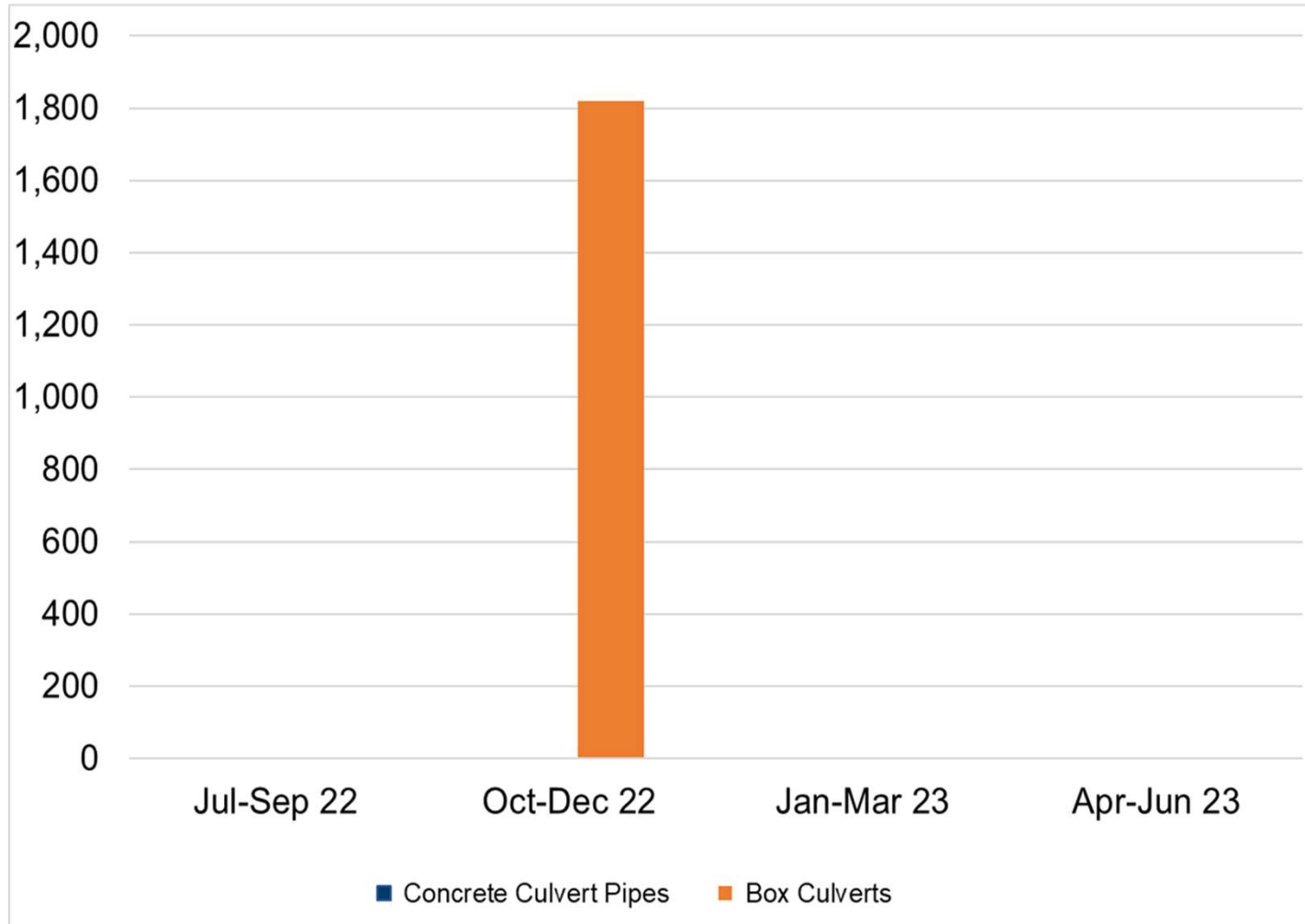
Estimated granular demand (m³)



Estimated concrete demand (m³)



Estimated box culvert demand (linear metres)



Our 2022–23 program – external, industry supplied workforce

Functional role requirement	Additional resource requirements (estimate)		
	Central West	Fitzroy	Mackay Whitsunday
Design RPEQ Engineer (Design)	2		
Designer	2		

Our program – industry engagement

For further information on Central Queensland Region's program email:

CQ_Program@tmr.qld.gov.au



Thank you and stay connected



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Department of Transport and Main Roads



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