

**PROJECT LAUNCH APPROVAL – 2024/25 ROAD RESEAL PROGRAM  
(PT25227)**

50/7/1-01 | #7430650

**RECOMMENDATION:****That Council:**

- 1. Approves the Project Launch Approval (PLA) for the 2024/25 - Reseal Program with a Project Launch Budget (PLB) of \$3,087,500 and an Approved End Date (AED) of 30 June 2025; and**
- 2. Delegates authority to the Chief Executive Officer in accordance with the *Local Government Act 2009* to enter into contracts, negotiate, finalise and execute any and all matters relating to this program subject to Council's procurement practices and policies.**

**INTERESTED PARTIES:**

- Department of Transport & Main Roads
- Queensland Rail
- Cairns Taxis
- Kinetic
- Boral Resources (QLD) Pty Ltd
- FGF Bitumen Pty Ltd
- Koppen Construction Pty Ltd
- Pioneer North Queensland Pty Ltd

*Note: The identification of interested parties is provided on a best endeavours basis by Council Officers and may not be exhaustive.*

**EXECUTIVE SUMMARY:**

Council undertakes an annual bitumen reseal program in order to maintain the road network to a sustainable and suitable standard. This process is required to prevent moisture from penetrating through deteriorated or oxidised bitumen seals into the underlying pavement by protecting the road surface layer with a waterproof seal.

Council has a Preferred Supplier Arrangements, PSA 2822 – Bitumen Sealing Works, for these works. Council may engage a number of companies during the course of the program based on availability.

This report requests the Project Launch Approval of 2024/25 Reseal Program (PT25227)

## **BACKGROUND:**

Council manages approximately 1360km of roads. The financial value of the road surface from is estimated currently at \$187M.

It is estimated 79% of Council lower hierarchical or rural roads may be resealed to extend their life and delay the need for replacement or resurfacing.

Council estimates rural and lower hierarchical roads to be resealed approximately every 15 years in this rotating annual program, based on condition assessment data.

All roads in the network are constructed as asphalt, excepting lower order rural roads, Council further plans and prioritises resealing asphalted roads to increase the asphalt life expectancy on lower hierarchical roads.

For asset management purposes Council's road network is divided up into "roadblocks" of various lengths and widths. There are approximately 11,500 roadblocks in Council's asset register. Over 4,800 of these roadblocks have had a bitumen spray seal applied treatment.

Council performed wearing course surface condition assessment inspections and condition rating of the entire road network in the 2022-23 financial year and has prioritised a rolling 3-year capital works renewal program for all road renewal programs from this data.

Maintaining the road surface layer in good condition is critical to extending the life of the underlying pavement. If the wearing course (surface) deteriorates to an unacceptable level, whereby the surface material has severely oxidised and potholes, rutting, cracking, etc. has developed, the pavement can be compromised allowing water ingress into the underlying pavement, resulting in high rehabilitation rectification costs for Council.

## **COMMENT:**

Reseal sites are scheduled through a suburban prioritisation process, developed from road asset condition assessment results that give due consideration to the life cycle requirements of the road network. The wearing course generally requires resealing every 7-15 years, however regular condition assessments along with the geographical grouping of sites confirm when the works will be added to the capital works program. The reseal of the sites identified is required to ensure the network is maintained at an acceptable level of service to provide a suitable trafficable and safe standard for the community.

Council has a Preferred Supplier Arrangement PSA 2822 – Bitumen Sealing Works for these reseal works and may engage several companies under this arrangement during the course of the program.

Minor rehabilitation of the pavement is undertaken to prepare it for reseal to correct minor defects and structural weaknesses. This will ensure that the pavement performs at an acceptable level for the design life of the bitumen surfacing and potential safety or performance issues are resolved. To facilitate this work \$500,000 from the Pavement Rehabilitation Program has been allocated to the 2024/25 Reseal Program.

The combination of the reseal preparation funds from the Pavement Rehabilitation Program (\$500,000) and the \$2,587,500 allocated to the 2024/25 Reseal Program a total Project Launch Budget (PLB) of \$3,087,500 is available to complete the priority sites identified. The list of reseal sites for the 2024/25 Reseal Program is provided in Attachment 1 – List of Priority Sites (Reseal)

### **OPTIONS:**

#### Option 1

That Council:

1. Approves the Project Launch Approval (PLA) for the 2024/25 Reseal Program with a Project Launch Budget (PLB) of \$3,087,500 and an Approved End Date (AED) of 30 June 2025; and
2. Delegates authority to the Chief Executive Officer in accordance with the *Local Government Act 2009* to enter into contracts, negotiate, finalise and execute any and all matters relating to this program subject to Council's procurement practices and policies.

#### Option 2

That Council does not approve the PLA for the 2024/25 Reseal Program.

### **CONSIDERATIONS:**

#### Risk Management:

A range of factors can influence bitumen reseal works. This includes the variation of pavement strength influences and site constraints. Contractor availability can also be influenced by their other commitments and create delays in Council's program. It is not practicable to definitively scope and estimate the required preparation works as the site conditions vary over time, particularly during inclement weather. Sites may be added or substituted after further investigation subject to this assessment. Council will endeavour to program works within dry season months to offset possible delays due to wet weather.

#### Council Finance and the Local Economy:

This program is delivered through allocations within the Capital Works Program for Reseal Program (\$2,587,500) and for the Pavement Rehabilitation Program (\$500,000).

#### Community and Cultural Heritage:

Good asset management of Transport infrastructure enables safe travel for all road users.

#### Natural Environment:

The project has minimal impact on the natural environment as the works are fully contained within the existing road corridor.

Corporate and Operational Plans:

FOCUS THREE, Design for Liveability;

- Enhance community wellbeing, safety and natural disaster resilience.
- Deliver valued suburban community infrastructure

**CONSULTATION:**

Standard public consultation procedures will apply to each site. Council has also developed in 2021-22 'Maintaining Our Roads' an informative guide available to residents on Councils website and distributed through letterbox drops to potentially effected households prior to upcoming works, to better inform residents about the effects and benefits of road surfacing works, such as Resealing.

Refer to <https://www.cairns.qld.gov.au/water-waste-roads/roads/maintaining-our-roads>

**ATTACHMENTS:**

Attachment 1 – List of Priority Sites (Reseal)

*Sarah*

Sarah Stephen  
Associate Director Engineering Services

*Mark Wuth*

Mark Wuth  
Director Cairns Infrastructure and Assets

## Attachment 1 – List of Priority Sites (Reseal)

ROAD	SUBURB
ANDERSON ROAD	ALOOMBA
ANDREWS STREET	ALOOMBA
BROUGHTON ROAD	ALOOMBA
MCNAB ROAD	ALOOMBA
MEERAWA ROAD	ALOOMBA
ANGUS STREET	BABINDA
BOULDERS ROAD	BABINDA
BULMA ACCESS	BABINDA
FRENCHMAN CREEK ROAD	BABINDA
HOSPITAL STREET	BABINDA
KING STREET	BABINDA
KINGSTON STREET	BABINDA
KNOWLES STREET	BABINDA
PARRY STREET	BABINDA
SHORT STREET	BABINDA
WILKIE STREET	BABINDA
BARTLE FRERE ROAD	BARTLE FRERE
ELLIS ROAD	BELLENDEN KER
HAREN ROAD	BELLENDEN KER
HARVEY CREEK ROAD	BELLENDEN KER
MAY ROAD	EUBENANGEE
ROPER ROAD	EUBENANGEE
FISHER FALLS ROAD	FISHERY FALLS
FISHERY FALLS SERVICE ROAD	FISHERY FALLS
TIDMARSH ROAD	FISHERY FALLS
ALLEY STREET	GORDONVALE
BAKER STREET	GORDONVALE
BELL LANE	GORDONVALE
BRIGGS CLOSE	GORDONVALE
DAVIDS STREET	GORDONVALE
DEMPSEY STREET	GORDONVALE
DREXL CLOSE	GORDONVALE
EBRINGTON CLOSE	GORDONVALE

ROAD	SUBURB
FISHER ROAD	GORDONVALE
GREENWOOD STREET	GORDONVALE
HAINES STREET	GORDONVALE
HALL ROAD	GORDONVALE
HEALY STREET	GORDONVALE
HIGHLEIGH ROAD	GORDONVALE
IRVIN LANE	GORDONVALE
JAMIESON CLOSE	GORDONVALE
JOY CLOSE	GORDONVALE
MUIR STREET	GORDONVALE
NELSON STREET	GORDONVALE
REESE CLOSE	GORDONVALE
RUSSELL ROAD	GORDONVALE
SIMMONDS STREET	GORDONVALE
SUES STREET	GORDONVALE
SWAN STREET	GORDONVALE
TEMPLETON STREET	GORDONVALE
TURNER CLOSE	GORDONVALE
WARNCKE CLOSE	GORDONVALE
WATER TREATMENT ROAD	GORDONVALE
WILTSHIRE DRIVE	GORDONVALE
GREENHILL ROAD	GREEN HILL
HOLLOWAYS BEACH ACCESS ROAD	HOLLOWAYS BEACH
MACHANS BEACH ROAD	MACHANS BEACH
HANLEY ROAD	MIRRIWINNI
STAGER ROAD	MIRRIWINNI
WHITMAN STREET	MIRRIWINNI
BALATTI ACCESS	WAUGH'S POCKET
WAUGH POCKET CONNECTION	WAUGH'S POCKET
CRYSTAL VALLEY ACCESS	WOOPEN CREEK
MAXWELL ROAD	WOOPEN CREEK
WOOPEN CREEK ROAD	WOOPEN CREEK
YORKEYS KNOB ROAD	YORKEYS KNOB