

Tasmanian Council Bridges



Client: Various Councils in Tasmania
Completion: 1994 - 2018

SINCE 1994, VEC HAS BEEN BUILDING BRIDGE STRUCTURES THROUGHOUT TASMANIA. THERE ARE 29 COUNCILS IN TASMANIA; VEC HAVE COMPLETED PROJECTS FOR ALMOST EVERYONE OF THESE COUNCILS OVER THE YEARS. WITH OUR HEAD OFFICE CONTINUING TO THRIVE IN ULVERSTONE, THE MAJORITY OF WORKS PERFORMED OVER THE YEARS HAS BEEN IN TASMANIA. THERE ARE VERY FEW BRIDGES YOU CROSS THAT HAVEN'T HAD SOME FORM OF WORK DONE TO THEM IN THE PAST BY A VEC EMPLOYEE!
BELOW IS JUST A BRIEF OVERVIEW OF A FEW.

THE PROJECTS

DPIPWE, MARIA ISLAND CROOKED MCGUINNESS BRIDGE REPLACEMENT COMPLETED: MAY 2018, VALUE: \$210K

Design and construction of a 12.0m long x 3.75m wide single span single lane replacement bridge at Crooked McGuinness Creek on Maria Island. Scope of works required the demolition and removal of existing bridge

LAUNCESTON CITY COUNCIL PECKS HILL ROAD BRIDGE 650 REPLACEMENT COMPLETED: MARCH 2018, VALUE: \$390K

Design and construction of a new single span 22 metre long bridge including approaches. Single span, dual lane, 1m deep tee beams, 3 beams wide, low performance bridge barrier. 60m of road widening and increased bridge level by 300mm and therefore road level raised. 7wk site duration.

MEANDER VALLEY COUNCIL BRIDGE No. 2126 MONTANA ROAD COMPLETED: DECEMBER 2017, VALUE: \$170K

Design and construction of bridge replacement on Montana Road Western Creek. 8 metre long dual lane, single plank bridge, founded on rock, concreted rock pitching, asphalted approached and 40m of roadworks. Low performance barrier. Completed in 48 hr closure instead of bypass scenario.

TASMAN COUNCIL DUCK CREEK BRIDGE REPLACEMENT, COMPLETED: JANUARY 2018, VALUE: \$190K

Design and construction of bridge replacement over Duck Creek, Murdunna. 11 metre long single lane plank bridge. Located in a tidal zone so all foundations and substructure needed to be excavated to a depth below any tidal influence. Bypass installed for project duration. 40m of approach works and 2 coat spray seal. Low performance barrier. 2wk construction period.

DPIPWE, WIELANGTA ROAD BRIDGES COMPLETED: JUNE 2017, VALUE: \$1.4M

Design and construction of 4 bridges on Wielangta Road. Three bridges are the same - 12 metre long, single span, dual lane plank design bridges. The other bridge is a 9 metre long dual lane plank design bridge with large mass block/gabion retaining walls, approximately 6 metres above invert of creek level. All bridges required approach road works.

SOUTHERN MIDLANDS COUNCIL REYNOLDS ROAD AND LINK ROAD BRIDGES, COMPLETED: JUNE 2017, VALUE: \$190K

Design and construction of two bridges - both single lane, single span with precast abutments and planks, and gravel roads.
Link Road - 11 metres long x 5 metres wide.
Reynolds Road - 8.7 metres long x 4.8 metres wide to suit existing abutments
Council demolished both bridges and did approach road works and guardrails on approaches.

SOUTHERN MIDLANDS COUNCIL



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NOYES ROAD AND GRAHAMS CREEK ROAD BRIDGES, COMPLETED: SEPTEMBER 2017, VALUE: \$70K

Supply and delivery of bridge superstructures, 3.0 metres long and 6.7 metres long with 4 No. planks for each bridge. Council to erect the bridges.

HOBART CITY COUNCIL

LENAH VALLEY ROAD DECK REPLACEMENT AND REFURBISHMENT COMPLETED: JUNE 2017, VALUE: \$530K

The removal of the existing deck fill on the metal deck, painting of the existing steel beams, construction of a new reinforced concrete bridge deck, construction of new traffic barrier, approach road tie in work and associated maintenance of the existing superstructure and substructure.

CIRCULAR HEAD COUNCIL, BROWNS ROAD BRIDGE

COMPLETED: MAY 2017, VALUE: \$140K

Design and construction of an 11 metre, single lane, single span plank bridge with low performance barrier and gravel approaches.

SORELL COUNCIL, MARION BAY ROAD AND DELMORE ROAD BRIDGE REPLACEMENTS

COMPLETED: JANUARY 2017, VALUE: \$340K

Design and construction of 2 new bridges, both single lane, 8 metre long plank bridges.

CIRCULAR HEAD COUNCIL, NELSON BAY RIVER BRIDGE, TEMMA RIVER OVER NELSON RIVER

COMPLETED: AUGUST 2016, VALUE: \$150K

Construction of a 12 metre long single lane plank bridge damaged in the January 2016 bush fires. New barriers and approach works, new deck placed on existing concrete abutments.

SORELL COUNCIL, SWANNIES BRIDGE REPLACEMENT

COMPLETED: NOVEMBER 2015, VALUE: \$300K

Design and construction of a 2 span, 28.8 metre long x 6.6 metre wide dual lane bridge. There were existing abutments, a 3 metre high in situ precast pier, low performance bridge barrier and XT350 terminals.

WARATAH WYNARD COUNCIL, LOWRIES ROAD BRIDGE, OLDINA AND MARGETTS ROAD BRIDGE, FLOWERDALE,

COMPLETED: JULY 2015, VALUE: \$230K

Lowries Road Bridge. Design and construction of a 12 metre long x 5.6 metre wide single span plank bridge, steel piles, precast abutments, low performance bridge barrier and BCTA termination.

Margetts Road Bridge Design and construction of a 7 metre long x 4.8 metre wide single span plank bridge, steel piles, precast abutments, low performance bridge barrier and BCTA terminations.

GEORGE TOWN COUNCIL, LEWIS & YOUNGS ROAD BRIDGE REPLACEMENT,

COMPLETED: AUGUST 2014, VALUE: \$510K

Lewis Road: The design and construction of a 14 metre long x 4.8 metre wide single span bridge using 4 pre-tensioned precast concrete

deck planks.

Youngs Road Bridges: Design and construction of a 22 metre long x 4.8 metre wide dual span bridge using 8 pre-tensioned precast concrete deck planks supported by a combination of precast abutments, pier and steel piles, and;

Design and construction of a 7.6 metre long x 4.8 metre wide single span bridge using 4 pre-tensioned precast concrete deck planks.

BURNIE CITY COUNCIL, FERNGLADE ROAD BRIDGE OVER EMU RIVER COMPLETED: APRIL 2014, VALUE: \$720K

Design and construction of a 40 metre long 2 span 8.5 metre wide tee beam structure with combined traffic lane and footpath including approach works and widening.

MEANDER VALLEY COUNCIL, LONG RIDGE ROAD BRIDGE

COMPLETED: FEBRUARY 2012, VALUE: \$480K

Design and construction of a dual lane 35 metre long bridge, T-beam construction.

GLAMORGAN SPRING BAY COUNCIL, BLUFF RIVULET BRIDGE

COMPLETED: DECEMBER 2011, VALUE: \$400K

Design and construction of a dual span 26 metre long single bridge of plank construction with 3 metre deck to water.

KENTISH COUNCIL, LAMBERTS ROAD BRIDGE

COMPLETED: DECEMBER 2011, VALUE: \$850K

Design and construction of a 4 span 70 metre long single lane bridge of tee beam construction with 3^{1/2} metre deck to water

CENTRAL COAST COUNCIL, PURTONS ROAD BRIDGE

COMPLETED: DECEMBER 2011, VALUE: \$700K

Design and construction of a 3 span 45 metre long single lane bridge, T-beams with 4 1/2 metre deck to water.

CENTRAL COAST COUNCIL, BELLCHAMBERS ROAD BRIDGE

COMPLETED: AUGUST 2011, VALUE: \$320K

Design and construction of single span 18 metre single lane T-beam bridge which was washed away in the January 2011 floods.

KINGBOROUGH COUNCIL, SNUG RIVER BRIDGE REPLACEMENT

COMPLETED: SEPTEMBER 2011, VALUE: \$130K

Involved the removal of existing timber bridge deck and replacement with a 12 metre long 7No. transversely stressed precast concrete planks on existing concrete abutments. Additionally the existing abutments were drilled through and anchored to the underlying rock for additional stability/strength. All works were completed in a one day (12 hour) road closure to minimise access issues to the local residents.

NORTHERN MIDLANDS COUNCIL, LEONA ROAD BRIDGE

COMPLETED: JULY 2011, VALUE: \$470K

Design and construction of a 35 metre x 4.8 metre wide single lane 3 span plank bridge. There were significant issues due to flooding during the construction of the bridge that need to be overcome.



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