

**ATTACHMENT 2**

**Future Bridge Replacements**

Road Name	Ref. Ch. 00 At	Description	Condition Rating	Est. Cost	Remarks	Traffic count data
Two Bridges Road, Rokewood	Ballarat Colac Rd	Old single span full RC bridge with bad spalling throughout	4.7	\$1,400,000	Bridge columns show heavy cracking. May have to reduce load limit further. Current limit is 15tonne. The bridge concrete can not support the guardrail due to very poor condition. It is a hazard to traffic. Urgent repairs undertaken however 15 tonne load limit remains pending replacement.	Average Daily Traffic (ADT) - 11 vehicles/day , avg speed: 66.6 kmph, % Heavy Vehicles (HV)- 10.6% . Counter installed between Wednesday, 22 May 2024 to 0:00 Wednesday, 05 June 2024 (14 days of data)
Two Bridges Road, Rokewood	Ballarat Colac Rd	Large 3 span very early RC bridge with bad spalling throughout	4.8	\$500,000	Bridge columns show heavy cracking. May have to reduce load limit further. Current limit is 15tonne. The bridge concrete can not support the guardrail due to very poor condition. It is a hazard to traffic. Urgent repairs undertaken however 15 tonne load limit remains pending replacement.	ADT- 11 vehicles/day , avg speed: 66.6 kmph, %HV- 10.6%, counter installed between Wednesday, 22 May 2024 to 0:00 Wednesday, 05 June 2024 (14 days of data)
Russells Bridge - Russells Bridge Road, Russells Bridge	Parkers Road	Large 3 span riveted plate girder bridge	4.7	\$2,500,000	Heritage assessment done, land acquisition process in progress	ADT-351 vehicles/day, avg speed:58.7 kmph %HV- 2.8 % Counter installed between Thursday, 23 May 2024 to 0:00 Thursday, 06 June 2024 (14 days of data)
Wilgul-Werneth Road - Howells Bridge, Werneth	Pitfield Cressy Rd	3 Span steel bridge with newer RC Deck	4.0	\$1,800,000	Funding application submitted and awaiting outcome	ADT-27 vehicles/day, avg speed:78 kmph %HV- 4.5%, counter installed between Thursday, 23 May 2024 to 0:00 Thursday, 06 June 2024 (14 days of data)
Wurook Road, Rokewood	Rokewood Shelford Rd	Single span RC bridge with older Stone abutments	3.9	\$550,000	Funding application submitted and awaiting outcome	ADT-204 vehicles/day, avg speed:97 kmph %HV- 4.5%, counter installed between Wednesday, 22 May 2024 to 0:00 Wednesday, 05 June 2024 (14 days of data)
Paynes Bridge Road, Dereel	Moffats Road	Old 2 span RC bridge with steel main beams	3.9	\$750,000		ADT-36 vehicles/day, avg speed: 66kmph %HV- 2.6%, counter installed between Thursday, 23 May 2024 to 0:00 Thursday, 06 June 2024 (14 days of data)
Meadows Road, Rokewood	Rokewood Shelford Road	Single span RC bridge with Steel Main Beams	3.9	\$1,200,000		ADT- 28vehicles/day, avg speed: 69 kmph %HV- 12.7%, counter installed between Wednesday, 22 May 2024 to 0:00 Wednesday, 05 June 2024 (14 days of data)
Cape Clear-Rokewood Road,	Rokewood Skipton Rd	Old steel and RC single span bridge with RC U-Slab Extension	3.9	\$750,000		ADT-95 vehicles/day ,avg speed: 102 kmph %HV- 3.2%, counter installed between Wednesday, 22 May 2024 to 0:00 Wednesday, 05 June 2024 (14 days of data)
Gillespie Street	Janes Lane	Old stone abutment single span bridge with newer steel main beams and RC deck	3.9	\$850,000		ADT-20 vehicles/day ,avg speed: 50 kmph %HV- 2.3 %, counter installed between Wednesday, 22 May 2024 to 0:00 Wednesday, 05 June 2024 (14 days of data)
Hendersons Road	Shelford Meredith Rd	Culvert, Masonry abutments	4.7	\$300,000	agreement with property owner to manage	ADT- 35 vehicles/day, avg speed: 67.3 kmph %HV- 3.7%, counter installed between Saturday, June 1 2024 to 0:00 Wednesday, 19 June 2024 (18 days of data)
Snake Valley-Smythesdale Road	Gleneilg Highway	3 Span stone abutment bridge with steel Stringers and RC deck	3.9	\$950,000		ADT 795 vehicles/day, avg speed: 72 kmph, %HV- 6% counter installed between Thursday, 23 May 2024 to 0:00 Thursday, 06 June 2024
Golden Lake Road	Golden Lake Road	20m span timber bridge. Masonry abutments settling.	3.9	\$770,000		ADT 18 vehicles/day, avg speed: 48 kmph, %HV- 1.3%, counter installed between Wednesday, 22 May 2024 to 0:00 Wednesday, 05 June 2024 (14 days of data)

**Condition Rating Legend**

1 = Very Good	A near new asset with no visible signs of deterioration.
2 = Good	An asset in very good overall condition but with some early stages of deterioration evident, but the deterioration still minor in nature and causing no serviceability problems
3 = Moderate	An asset in fair overall condition, deterioration in condition would be obvious and there would be some serviceability loss.
4 = Poor	An asset in poor overall condition with deterioration would be quite severe and would be starting to limit the serviceability of the asset. Maintenance cost would be high.
5 = Very Poor	An asset in extremely poor condition with severe serviceability problems and needing rehabilitation immediately. Could also be a risk to remain in service.