



# 3 YEAR WORKS PROGRAM

1 July 2020 to 30 June 2022

This plan details the proposed sealing and maintenance works proposed on the Narrandera Shire Council roads for the next three years.



## New Seals

Only a single year program has been provided for new seals within this report, as there is to be a review of the of the road hierarchy over the next six months after which a further new seal plan will be generated. The roads in the current list have been selected as a result of the amount of maintenance required, community concerns and have been previously identified.

### New Seals 2020/21

Road No.	Road/ Street Name	Description	Treatment	Length (m)	Width (m)
	Arthur St (Victoria to Audley) Narrandera	seal does not extend kerb to kerb - tidy up and seal the road to full width	bitumen seal	160	6
345	Back Dicksonville Rd	extend the seal westwards	otta seal	1400	3 (with passing bays)
	Baylis St (Jonsen St to May St)	seal does not extend kerb to kerb - tidy up and seal the road to full width	bitumen seal	180	6
21	Booka Road	Multi residences adjoining road	otta seal	500	5
	Box Street (Barellan)	Urban Street with adjoining residences	bitumen seal	200	6
	Brookong St - Grong Grong (Lachlan St to Willandra St)	otta seal - 4 houses here, will improve amenity	bitumen seal	250	6
344	Cliffords Road	Semi-urban road	otta seal	800	6
195	Males Road	Completes final section of a no through road. The road also connect a Council run gravel pit that experiences heavy traffic.	otta seal	1000	6
50	Pamandi Road	Causeway to Cowabbie Rd	otta seal	400	6
50 or 64	Pamandi Road or Lismoye Rd	Only consider if other funding successful or 21/22.	otta seal	0	6
60	Paynters Siding Road	Seals up over a ridge that suffers scouring, leading to frequent maintenance. Seal will also improve skid resistance (safety) through the curves and over the crest.	otta seal	3000	6
	Prince Lane	Adams St to Cadell St	bitumen seal	201	6
	Audley Lane	Midgeon St to Roberts St	bitumen seal	260	6
	Peters Lane	Robert Street	bitumen seal	40	6
	Jonsen Lane	Bayliss St to Jonsen St	bitumen seal	106	6
61	Old Wagga Road	to match Fixing Local Roads Grants Application	otta seal	764	6
61	Old Wagga Road	to match Fixing Local Roads Grants Application	otta seal	764	6
6	Paintings Bridge Road	to match Fixing Local Roads Grants Application	otta seal	764	6
6	Paintings Bridge Road	to match Fixing Local Roads Grants Application	otta seal	764	6
225	Rosedale Road	dust strip	otta seal	1000	6
<b>Total</b>				<b>\$893,363</b>	

## Re-Seals Program

Reseals have been identified as a result of roughness testing and visual inspections of the proposed roads to be treated. The inspection involved plucking a stone from the seal and measuring the length of binder that was attached to the stone. This test was repeated 3 times and the average score assigned to the segment. This methodology was the testing process advised by Australian Road Research Board (ARRB), who were commissioned to undertake a study of the seal life of Narrandera Shire Council roads in recent years (2017).

### Re-Seals 2020/21

Road No.	Road/ Street Name	Chainage From	Length (m) approx.	Width of bitumen (m)
7608	Barellan Road	0.04	500	13.00
632	Broad St	between Elizabeth & Gordon St		8.00
33	Brobenah Hall Rd	5.07	500	8.00
8	Buckingbong Rd	6.88	5000	6.00
56	Cowabbie Rd	3.50	1380	5.00
526	Douglas St	Beckham St to River St		6.00
26	Erigolia Rd	8.41	2300	6.00
54	Federal Park Rd	2.62	3500	6.00
38	Kamarah Rd	34.71	500	6.00
532	Larmer St	Cadell & Adams St.		10.00
44	Sandy Creek Rd	4.64	500	7.00
14	Strontian Rd	3.79	500	6.00
14	Strontian Rd	11.39	500	5.00
14	Strontian Rd	16.80	500	6.00
<b>Total</b>				<b>\$888,605</b>

### Re-Seals 2021/22

Road No.	Road/ Street Name	Chainage From	Length (m) approx.	Width of bitumen (m)
531	Audley St	--	1420	20.00
342	Bells Rd	--	500	6.00
527	Bolton St	--	1320	18.00
	Chambers car park	--	--	--
56	Cowabbie Rd	2.53	5200	6.00
38	Kamarah Rd	34.14	1.6	6.00
37	Kolkilbertoo Rd	7.08	500	8.00
<b>Total</b>				<b>\$602,250</b>

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Re-Seals 2022/23

Road No.	Road/ Street Name	Chainage From	Length (m) approx.	Width of bitumen (m)
603	Beckham St	--	460	15.00
702	Bendee St	--	900	6.00
710	Boree St	--	1350	6.00
51	Bulloak Tank Rd	4.06	4790	6.00
	Carpark behind Comm. Bank	--	--	--
539	Flood St	--	460	19.00
621	Jonsen St	--	910	12.00
61	Old Wagga Road	0.54	1000	6.00
14	Strontain Road	0.80	500	7.00
14	Strontain Road	8.27	500	7.00
602	Townsend St	--	1300	7.00
<b>Total</b>				<b>\$607,750</b>

### Gravel Re-sheeting

Re-sheeting segments have been identified as a result of visual inspections of the proposed roads to be treated. Holes were drilled in the gravel pavement in every segment, one hole out towards the shoulder and one in the centre of the road. The average depth was then assigned to each segment. This program has been put together looking at the minimum average depth of gravel.

#### Gravel Re-sheeting 2020/21

Road No.	Road/ Street Name	Chainage From	Length (m) approx.	Width of gravel (m)
31	Holloway Road	11.24	1000	5.00
31	Holloway Road	16.61	1000	5.00
136	Beaumont Rd	5.17	500	5.00
39	Landervale Road	4.68	500	6.00
41	Stephensons Rd	0.26	500	6.00
49	Merribee Road	0.02	500	7.00
122	Jacksons Road	0.03	1000	7.00
131	Ellis Rd	9.01	500	5.00
225	Rosedale Rd	1.00	500	7.00
7	Telephone Rd	2.00	500	5.00
13	Settlers Rd	2.50	1500	7.00
15	Birrego Rd	8.00	500	5.0
27	Merribee Road	9.49	500	7.00
27	Merribee Road	12.76	500	7.00
35	Euratha Rd	12.33	1000	6.00
45	Bandys Rd	2.69	500	5.00
49	Merribee Road	2.08	500	7.00
90	Pattens Rd	1.15	500	4.00
106	Davies Rd	5.50	1000	5.0
112	Axehandle Rd	4.45	500	5.00
<b>Total</b>				<b>\$489,000</b>

#### Gravel Re-sheeting 2021/22

Road No.	Road/ Street Name	Chainage From	Length (m) approx.	Width of gravel (m)
193	Baldwins Rd	0.03	500	5.00
45	Bandys Rd	5.66	1500	6.00
171	Curtis Rd	0.52	1000	4.00
106	Davies Rd	6.50	500	5.0
131	Ellis Rd	6.09	1000	4.00
109	Galore Park Rd	1.00	500	5.0
122	Jacksons Rd	1.00	500	7.0
64	Lismoyle Rd	9.39	500	5.00
155	Mckenzie's Rd	3.03	500	5.00
192	Shannons Rd	2.51	500	4.00
1	The Gap Rd	2.00	2500	8.0
184	Williams Rd	2.53	500	4.00
<b>Total</b>				<b>\$324,000</b>

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Gravel Re-sheeting 2022/23

Road No.	Road/ Street Name	Chainage From	Length (m) approx.	Width of gravel (m)
95	Barrats Rd	0.57	500	4.00
15	Birrego Rd	1.00	1000	6.0
15	Birrego Rd	10.00	500	5.0
27	Centenary Road	11.82	500	7.00
27	Centenary Road	15.22	500	7.00
167	Davies Rd (Colinroobie)	0.53	500	3.00
53	Grong Grong River Road South	4.41	500	5.00
31	Holloway Road	12.22	500	5.00
31	Holloway Road	13.72	500	6.00
31	Holloway Road	15.64	1000	6.00
216	Moorlands Rd	0.26	500	4.00
36	Mumbledool Station Rd	10.20	1500	6.00
208	Muntz Rd	3.00	500	4.0
59	Oaklands Rd	2.54	500	4.00
13	Settlers Rd	3.40	500	7.0
201	Walkers Rd	3.00	500	5.0
<b>Total</b>				<b>\$309,000</b>

## Maintenance Grading

### Maintenance Grading 2020/21

Road No.	Road name	Zone	Class	Length (km)
5	Devlins Bridge Rd	South	5	11.6
4	Kangaroo Plains Rd	South	5	14.4
1	The Gap Rd	South	6	14.5
7	Telephone Rd	South	6	5.1
112	Axehandle Rd	South	5	4.62
213	Miles Rd	South	6	3.11
9	Faithfull Rd	South	6	12.3
111	Quilters Rd	South	5	4.9
13	Settlers Rd	South	5	4.9
6	Paintings Bridge Rd	South	5	8.2
8	Buckingbong Rd	South	5	16
61	Old Wagga Rd	Central	5	20
76	Grong Grong Station Rd	Central	6	4.37
88	Pethers Rd	Central	7	3.34
50	Pamandi Rd	Central	5	17
57	Bicentennial Rd	Central	6	4.2
52	Angle Rd	Central	6	8.65
62	Bogolong Rd	Central	6	10.14
73	Connells Rd	Central	6	2.94
51	Bulloak Tank Rd	Central	5	3.72
55	Gawnes Rd	Central	6	9.23
97	Cove Rd	Central	6	8.55
64	Lismoyle Rd	Central	5	12.43
39	Landervale Rd	Central	5	12.7
81	Murrell Creek Rd	Central	5	7.7
67	Boree Rd	Central	5	8.37
217	Saw Mill Rd	Central	7	1.43
345	Back Dicksonville Rd	Central	7	1.8
66	Weir Park Rd	Central	7	1.58
144	Dows Rd	North	5	5.64
29	Middle Rd	North	5	20
164	Evans Smyles Rd	North	6	5.5
184	Williams Rd	North	7	2.75
145	Loobys Rd	North	5	2.6
146	Hulmes Rd	North	7	8.01
191	McDonnells Rd	North	7	1.57
142	Orams Rd	North	7	2.43
188	Martin Rd	North	6	1.14
27	Centenary Rd	North	5	9.1
147	Garoolgan Rd	North	6	11.58
47	Killen Rd	North	7	1.67
49	Merribee Rd	North	5	15.49
41	Stephensons Rd	North	7	7.25

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170	Clarks Rd	North	7	5.68
45	Bandys Rd	North	5	17
171	Curtis Rd	North	7	4.11
131	Ellis Rd	North	6	9.04
35	Euratha Rd	North	5	8.35
133	Settlement Rd	North	6	6.64
138	Inglis Rd	North	7	15.9
132	Quandong Park Rd	North	6	10.61
190	Waides Rd	North	7	2.65
136	Beumont Rd	North	6	5.36
28	Hamel Rd	North	5	12
181	McVickers Rd	North	6	3.42
159	Ryans Rd	North	6	10.33
40	Semmler Rd	North	5	7.97
46	Yalgogorin Rd	North	7	9.3
180	Tallimba Rd	North	6	1.5
158	McDonalds Rd	North	7	2.04
36	Mumbledool Station Rd	North	5	11.18
34	Willows Rd	North	5	7.55
163	Litchfield Rd	North	6	9.42
42	Udale Rd	North	7	4.75
185	Wyambee Rd	North	7	1.08
177	Bodens Rd	North	7	3.11
160	Tanswell Park Rd	North	7	9.18
176	Dobells Rd	North	7	2.1
161	Druces Rd	North	7	5.35
192	Shannons Rd	North	7	5.55
31	Holloway Rd	North	6	16.95
169	Summerset Park Rd	North	7	1.17
182	Jennings Rd	North	7	1.8
165	Murphys Rd	North	7	5.95
193	Baldwins Rd	North	7	0.75
179	Killara Rd	North	7	2.07
152	Bourkes Rd	North	7	2.95
149	Irvins Rd	North	7	1.97
150	McKinnons Rd	North	7	2.9
143	Mannings Rd	North	6	11.03
				<b>571.22km</b>
			<b>Total cost</b>	<b>\$797,000</b>