
NARROMINE SHIRE COUNCIL
ORDINARY MEETING BUSINESS PAPER – 11 AUGUST 2021
REPORTS TO COUNCIL – INFRASTRUCTURE AND ENGINEERING SERVICES

1. WORKS REPORT

Author	Director Infrastructure and Engineering Services
Responsible Officer	Director Infrastructure and Engineering Services
Link to Strategic Plans	CSP – 4.3.4 Ensure Council's property assets are monitored and well managed

Executive Summary

This report provides information regarding works undertaken for the given period in regards to both operational and capital works.

Report

The Works Report (**Attachment No. 1**) for the period 7 July 2021 to 3 August 2021 is presented to Council for information.

Financial Implications

Council has provision for these services in its Operational Budget.

Legal and Regulatory Compliance

Local Government Act 1993
Roads Act 1993

Risk Management Issues

Nil

Internal/External Consultation

Nil

Attachments

1. Works Report

RECOMMENDATION

That the information be noted.

2. DRAFT STORMWATER DRAINAGE STUDY REPORT

Author	Infrastructure and Engineering Services Director
Responsible Officer	Infrastructure and Engineering Services Director
Link to Strategic Plans	CSP - 2.1.5 New Plans and Strategies are developed in line with the community's needs and encourage economic growth CSP - 2.2.6 Planning mechanisms that support the provision of suitable and serviceable land that will support infrastructure that allows for localised employment opportunities CSP – 3.1.2 Review Council facilities and activities to minimise environmental impact CSP 3.3.2 Ensure development needs align to utilities infrastructure

Executive Summary

The purpose of this report is to present feedback from public exhibition and seek Council's endorsement to adopt the Narromine Stormwater Drainage Study Report.

Report

At Council's Ordinary Meeting on the 16 June 2021, it was resolved that the draft Narromine Stormwater Drainage Study Report be adopted and placed on public exhibition for a period of 28 days. (Resolution 2021/132)

The draft Narromine Stormwater Drainage Study Report was placed on Council's website and Facebook, as well as hard copies distributed to 4 locations within the Shire for public viewing. Submissions closed on 16 July 2021.

One submission was received (**Attachment provided under separate cover**) and extracts of the submission is discussed in the table below.

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2. DRAFT STORMWATER DRAINAGE STUDY REPORT CONT'D.

Issue	Detail of Concern Raised	Staff Comment
Location and alignment of proposed drainage line running through properties.	<p>The untitled plan on page 2 as presented by Council results in the drainage line crossing over Barlow's Lane and then into our Client's property and also into those of their neighbour's.</p> <p>It is not understood why the drainage path cannot be altered to extend along and be contained within the existing Barlow Lane roadway easement, subsequently discharging directly into the Macquarie River</p>	<p>The mentioned Barlow's Lane is not a Council owned asset and is therefore considered to be a private road. Required processes and procedures would be followed during the detail design and feasibility studies, which will include environmental studies.</p> <p>The alignment will be reviewed during the detailed design stage to determine the optimum route and required structures (i.e. open drain or underground pipes), which could include the conveyance of stormwater in a westerly direction to the vicinity of the proposed Basin 1.</p>

Financial Implications

The Narromine Stormwater Drainage Study Report will be used to develop future capital works and improvements programs, for stormwater systems in Narromine.

Legal and Regulatory Compliance

Local Government Act 1993
Roads Act 1993
Protection of the Environment Operations Act, 1997

Risk Management Issues

Improved stormwater management and environmental controls.
Adopted stormwater strategy for future development.

Internal/External Consultation

Nil

Attachments

Submission received, provided under separate cover

2. DRAFT STORMWATER DRAINAGE STUDY REPORT CONT'D.

RECOMMENDATION

That Council adopt the Narromine Stormwater Drainage Study Report.

3. RECLASSIFICATION OF MANILDRA-CULLING BYPASS AND WENTWORTH BYPASS TO BE INCLUDED INTO THE HEAVY VEHICLE ACCESS ROUTE

Author	Asset and Fleet Coordinator
Responsible Officer	Director Infrastructure and Engineering Services
Link to Strategic Plans	CSP – 2.3.3 Investigate opportunities to build on the Shire's central location and capture value from truck and freight movements.

Executive Summary

The purpose of this report is to obtain approval from Council to add Manildra and Culling Streets, and Wentworth Bypass (Manildra Street-Algalah Street-Derribong Avenue), Narromine, as an approved route for various combination heavy vehicles of Class 1 (OSOM and other) and Class 2 (AB-Triple and other PBS Road Trains).

Report

Prior to the commencement of the National Heavy Vehicle Regulator in February 2014, roads approved for Heavy Vehicles had to be Gazetted, under delegation from the NSW Roads Minister. Councils in NSW were able to add roads in their Local Government Area to the list of approved routes for the particular combination they chose.

Since the commencement of the NHVR, Councils have been required to forward their requests directly to the regulator who manages the addition and removal of any roads from the network i.e Council's request is submitted to NHVR who forwards it to Transport for NSW for action.

A review of the Manildra and Culling Streets and Wentworth Bypass (Manildra Street-Algalah Street-Derribong Avenue) revealed that these roads are not an approved route for Heavy Vehicles, especially for Oversize and Over mass vehicles (OSOM)-Class 1 and AB-Triples - Class 2, and an application has to be made to Council by heavy vehicle road users to access these roads, each time. (**see Attachment No 2**). The Manildra-Culling Bypass and Wentworth Bypass were designed and constructed to facilitate heavy vehicle movement and is currently being used by such vehicles. Currently, Council is reviewing and approving approximately 18 requests per month via the NHVR portal for the 4 roads. Current trend data shows a 350% increase in the applications over a period of 3 years.

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**3. RECLASSIFICATION OF MANILDRA-CULLING BYPASS AND WENTWORTH BYPASS
TO BE INCLUDED INTO THE HEAVY VEHICLE ACCESS ROUTE CONT'D**

Currently the approved route for the AB-Triples vehicles through the Narromine town is presented in figure 1 below.

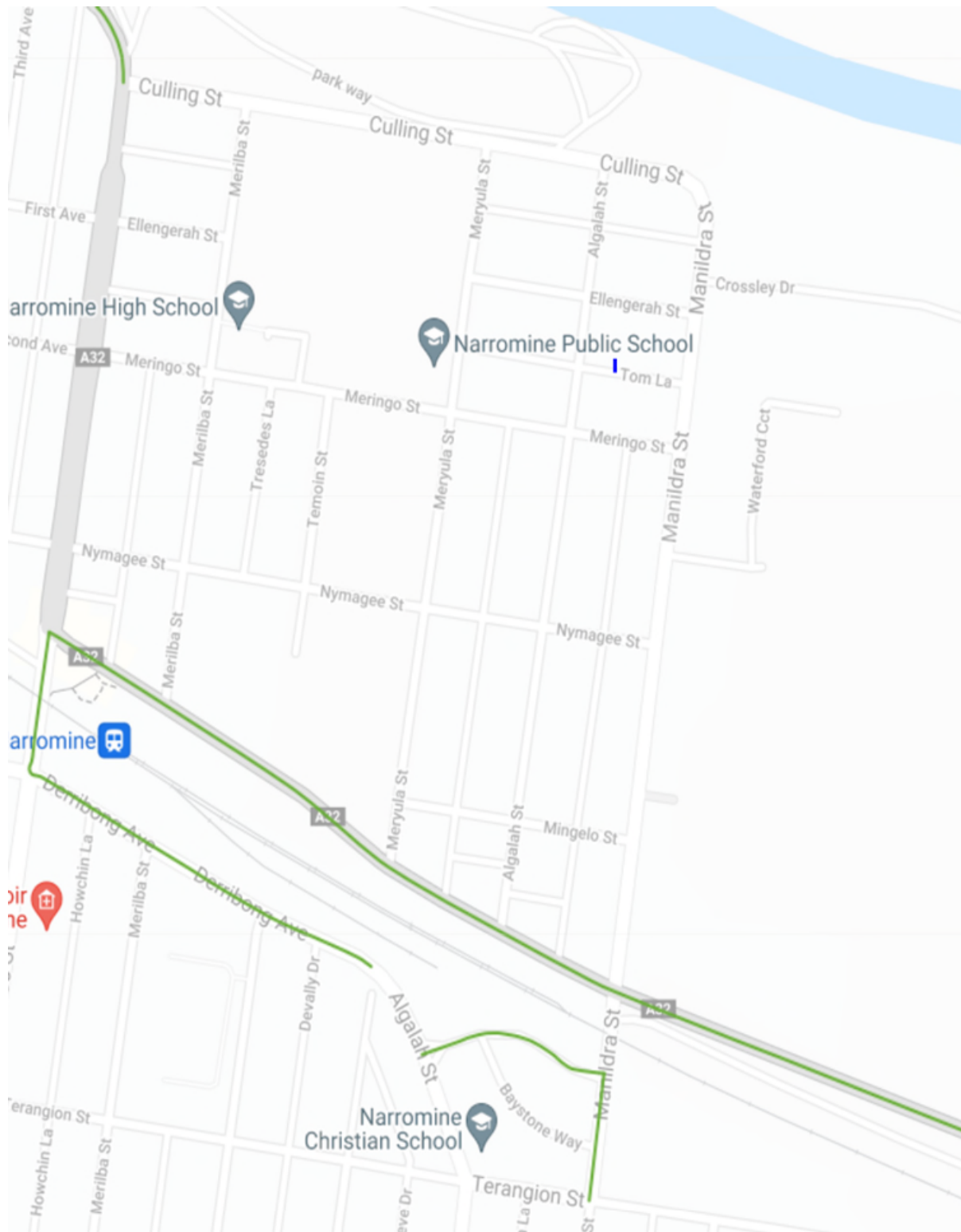


Figure 1 Existing approved route network for the AB-Triples vehicles shown in Green Colour

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3. RECLASSIFICATION OF MANILDRA-CULLING BYPASS AND WENTWORTH BYPASS TO BE INCLUDED INTO THE HEAVY VEHICLE ACCESS ROUTE CONT'D

The proposed additions for the AB Triple vehicles approved network are presented in figure 2 below.



Figure 2 Additions to the AB-Triples approved route network

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3. RECLASSIFICATION OF MANILDRA-CULLING BYPASS AND WENTWORTH BYPASS TO BE INCLUDED INTO THE HEAVY VEHICLE ACCESS ROUTE CONT'D

The existing approved route network for the Oversize and Overmass Load Carrying Vehicles (OSOM) are as presented in figure 3 below.

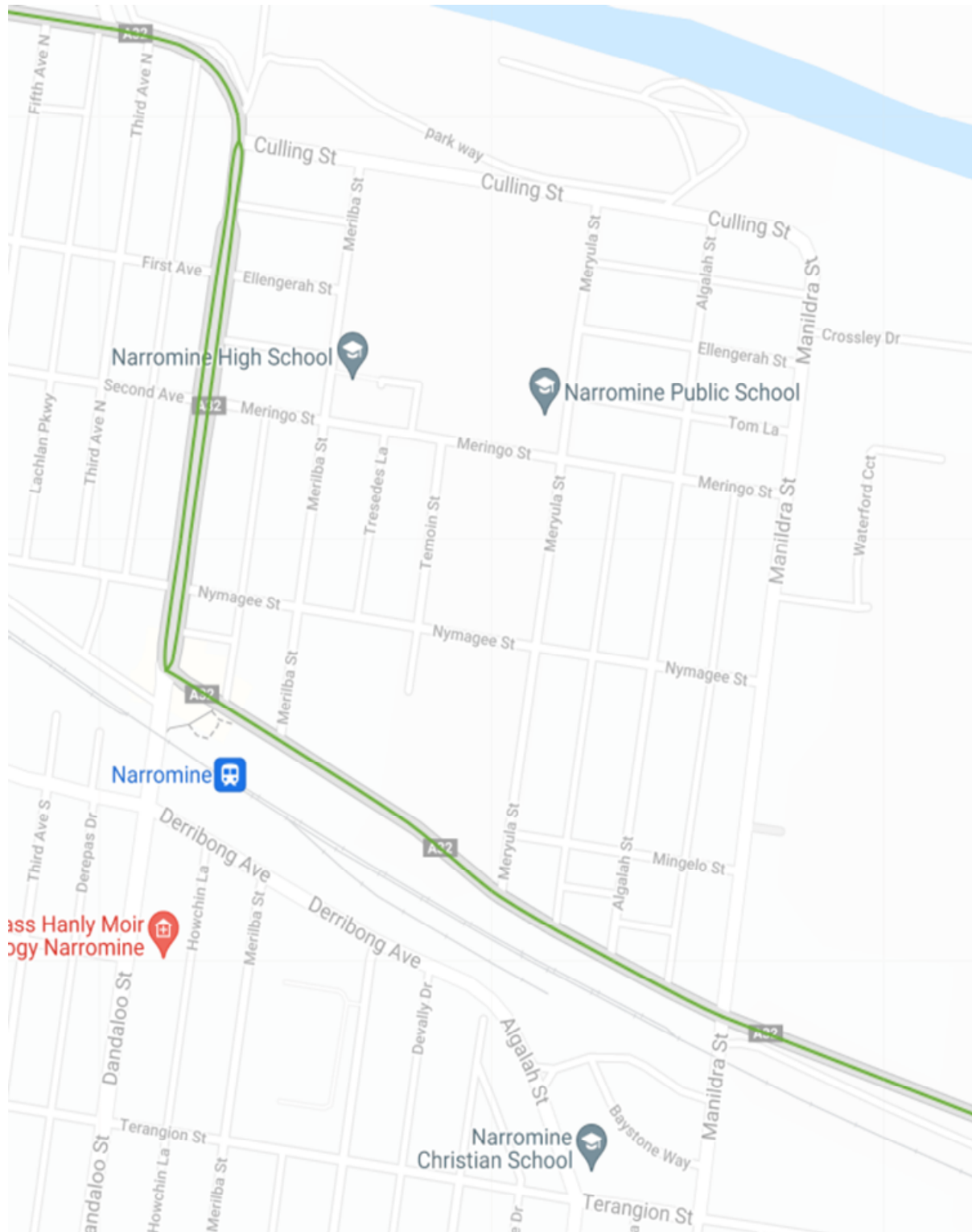


Figure 3 Existing approved route network for the OSOM vehicles shown in green colour

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3. RECLASSIFICATION OF MANILDRA-CULLING BYPASS AND WENTWORTH BYPASS TO BE INCLUDED INTO THE HEAVY VEHICLE ACCESS ROUTE CONT'D

The new proposed additions for the OSOM vehicles approved network are presented in figure 4 below:

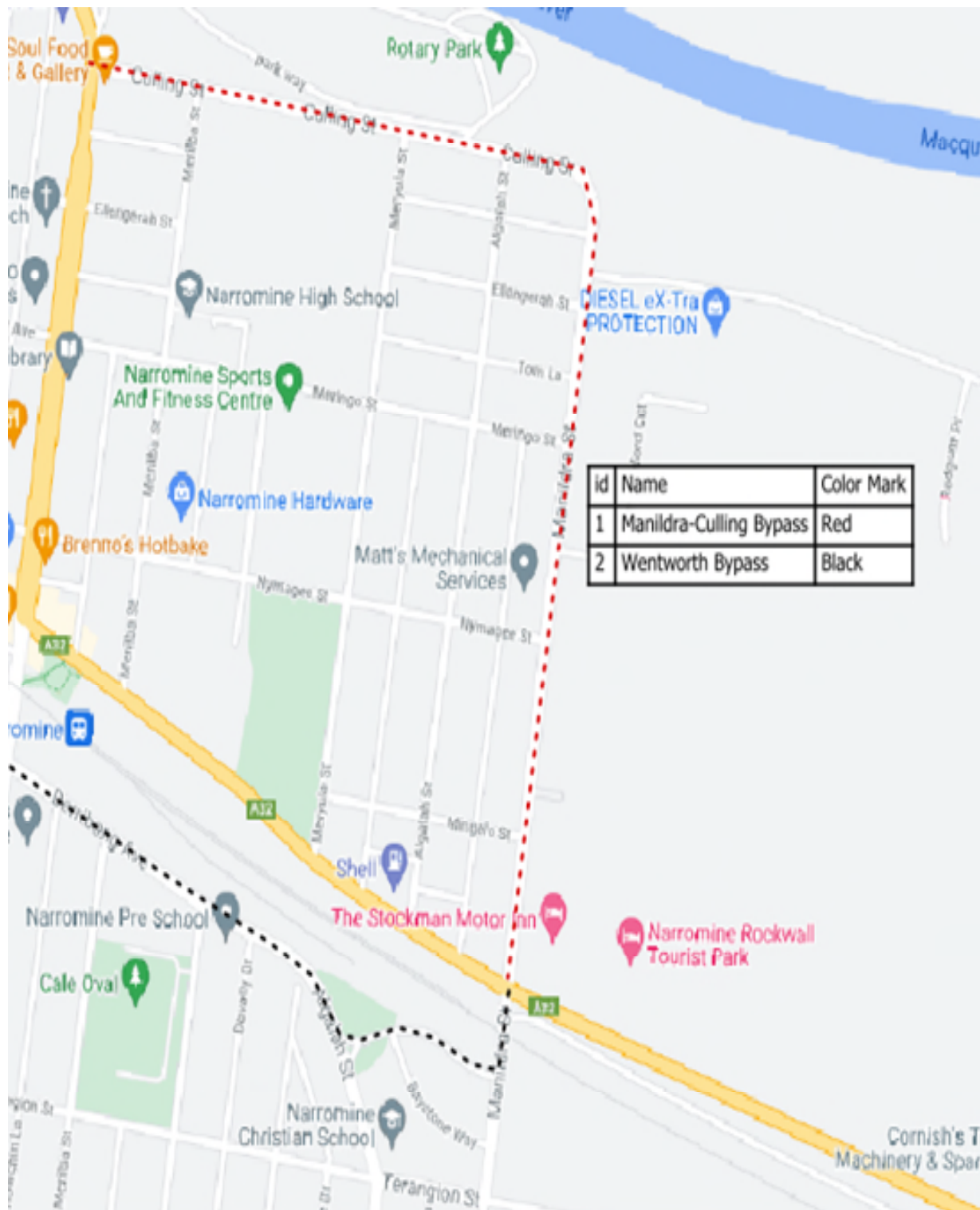


Figure 4 Additions to the OSOM approved route network

**3. RECLASSIFICATION OF MANILDRA-CULLING BYPASS AND WENTWORTH BYPASS
TO BE INCLUDED INTO THE HEAVY VEHICLE ACCESS ROUTE CONT'D**

It is recommended that following vehicles be included in the proposed route:

1. Class 1 Oversize and Overmass Vehicles (OSOM)
2. Class 2 Short Combination Routes HML (Higher Mass Limits) network
3. Class 2 25/26 m B-doubles Routes HML (Higher Mass Limits) network
4. Class 2 Type 1 A-double Routes HML (Higher Mass Limits) network
5. Class 2 Modular B-triple Routes HML (Higher Mass Limits) network
6. Class 2 B-triple Routes HML (Higher Mass Limits) network
7. Class 2 AB-triple Routes HML (Higher Mass Limits) network

Financial Implications

Nil

Legal and Regulatory Compliance

Roads Act, 1993.
Heavy Vehicle National Law and Regulations

Risk Management Issues

Nil

Internal/External Consultation

Nil

Attachments


1. Data showing the number of NHVR Applications received

RECOMMENDATION

1. That Council approve the Manildra and Culling Streets and Wentworth Bypass (Manildra Street-Algalah Street-Derribong Avenue) as a Common Heavy Vehicle approved route for the vehicles listed above.
2. That the National Heavy Vehicle Regulator be informed about Council's decision.

André Pretorius
Director Infrastructure and Engineering Services


Attachment No. 1

	<p>MONTHLY WORKS REPORT</p> <p>Tuesday, 3 August 2021</p>	<p>Infrastructure and Engineering Services Narromine Shire Council Tel: 02 6889 9999 Fax: 02 6889 9998 mail@narromine.nsw.gov.au</p>
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*Road and Park users are to proceed with caution at all work sites and observe work signs to ensure safety.
Speed zones are enforceable with possible short delays.
For all enquiries, please contact Council's Infrastructure and Engineering Services Department on 6889 9999.*


URBAN ROADS – Narromine, Trangie, Tomingley	
Various Streets (Narromine)	<p><u>Maintenance:</u></p> <ul style="list-style-type: none"> • Routine Maintenance Program such as patching and street sweeping, etc. • Weed spraying of streets, lanes, gutters and footpaths ongoing.
Various Streets (Trangie)	<p><u>Maintenance:</u></p> <ul style="list-style-type: none"> • Routine Maintenance Program such as patching and street sweeping, etc. • Linemarking has been completed in Dandaloo Street
Various Streets (Tomingley)	<p><u>Maintenance:</u></p> <ul style="list-style-type: none"> • Routine Maintenance Program by contractor.
UNSEALED ROADS NETWORK	
Various Unsealed Roads	<p><u>Maintenance: Map No. 1</u></p> <ul style="list-style-type: none"> • Tantitha Road <p><u>Capital: Flood damage repair Map No. 2</u></p> <ul style="list-style-type: none"> • Lincoln Lane • Merrits Lane • Mumble Peg Road • Brummagen Road <p><u>Roadside spraying completed by Council - Biosecurity</u></p> <ul style="list-style-type: none"> • Dulla Dulla Road • Euromedah Road • Heywood's Road • Boggy Plains Road • Haberworth Lane
SEALED ROADS NETWORK	
Various Sealed Roads	<p><u>Maintenance:</u></p> <ul style="list-style-type: none"> • Heavy patching on Tomingley Road, Eumungerie Road and Tullamore Road. Tomingley Road and Eumungerie Roads closed for vehicles above 10 tonnes, until conditions improve. Oversize/wide loads are exempt. • Pothole patching where required <p><u>Capital:</u></p> <ul style="list-style-type: none"> • Willydah Road – Rahab continuing <p><u>Roadside spraying completed by Council - Biosecurity</u></p> <ul style="list-style-type: none"> • Swift Lane • Eumungerie Road • Farrendale Road
SWIMMING POOLS	
Narromine Pool	<ul style="list-style-type: none"> • Closed for winter

Attachment No. 1

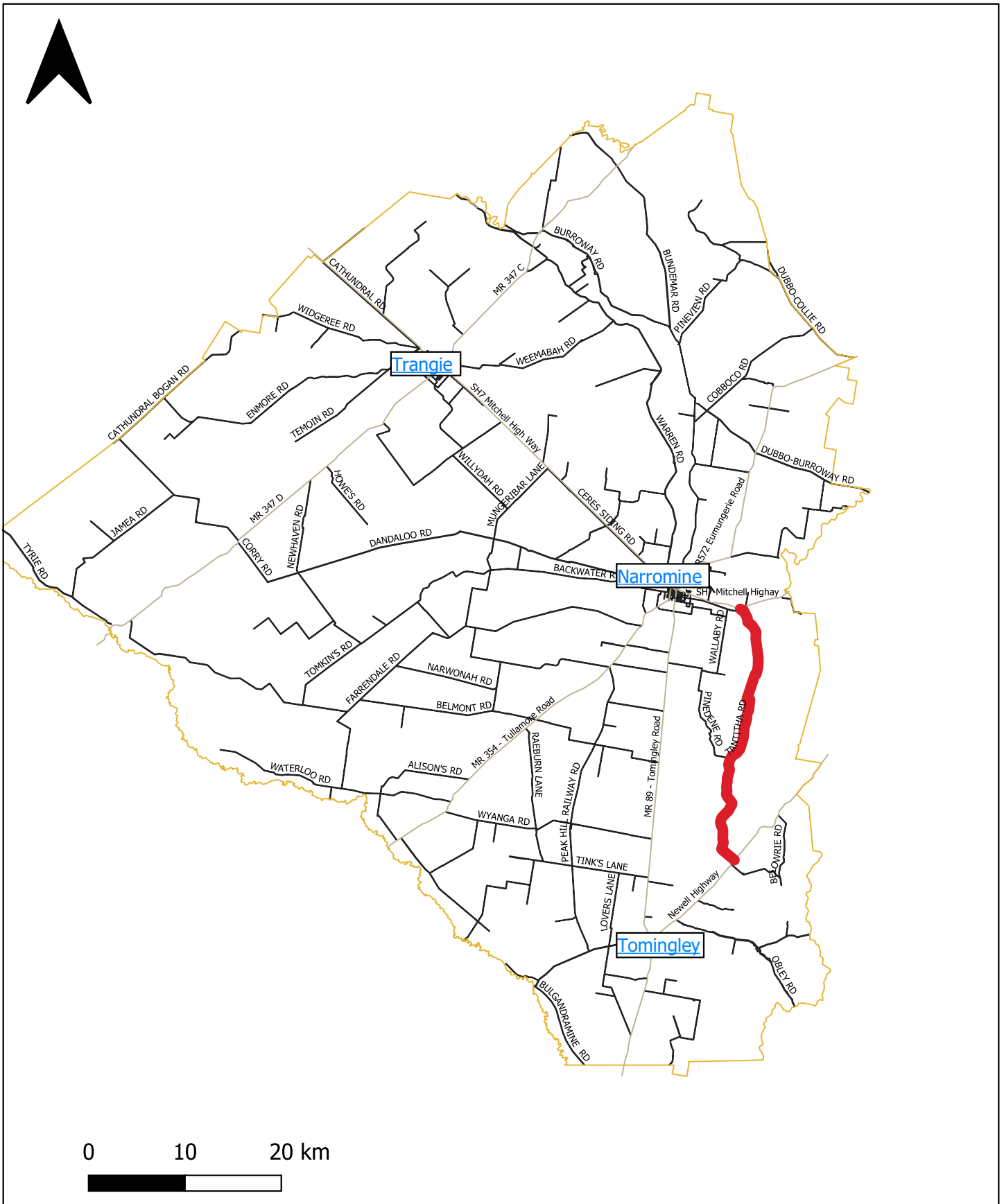
 <p>Narromine SHIRE COUNCIL</p>	<p>MONTHLY WORKS REPORT</p> <p>Tuesday, 3 August 2021</p>	<p>Infrastructure and Engineering Services Narromine Shire Council Tel: 02 6889 9999 Fax: 02 6889 9998 mail@narromine.nsw.gov.au</p>
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SWIMMING POOLS CONT.	
Trangie Pool	<ul style="list-style-type: none"> • Closed for winter
PARKS AND OPEN SPACE NETWORK CBD Gardens, Parks, Ovals, Villages	
Narromine CBD	<ul style="list-style-type: none"> • Ongoing vegetation management. • Staged reduction of hedge height in main street progressing.
Narromine Parks and Reserves	<ul style="list-style-type: none"> • General maintenance and mowing. • Weed control in all small parks ongoing. • Dundas Park Playground construction is nearing completion. Rubber installation to commence pending COVID-19 travel restrictions and weather. Council is continually liaising with the Contractor. • Wetlands – Construction of primary pond continuing. Additional drainage structures being installed.
Narromine Sports Grounds	<ul style="list-style-type: none"> • General maintenance, spraying and mowing. • Netball amenities building construction nearing completion. • Cale Oval spectator mound construction continuing.
Narromine Streets	<ul style="list-style-type: none"> • General maintenance. • Street sweeping continues.
Trangie CBD	<ul style="list-style-type: none"> • General maintenance and weed control ongoing. • Vegetation mowing and slashing continuing.
Trangie Parks	<ul style="list-style-type: none"> • General maintenance and mowing.
Trangie Sports Grounds	<ul style="list-style-type: none"> • Maintenance program in place for winter sport.
Trangie Streets	<ul style="list-style-type: none"> • General maintenance. • Street sweeping weekly on Thursdays.
Tomingley Village	<ul style="list-style-type: none"> • Contractor's contract renewed.
AERODROME	
Narromine Aerodrome	<ul style="list-style-type: none"> • Tree trimming, slashing and weed control continues.
BUILDING MAINTENANCE	
All Buildings	<ul style="list-style-type: none"> • General maintenance as required.
Vandalism	<ul style="list-style-type: none"> • Graffiti continues in both Narromine and Trangie.
Narromine Medical Centre	<ul style="list-style-type: none"> • General maintenance as required.
Council Administration Buildings	<ul style="list-style-type: none"> • General maintenance as required.
PUBLIC CONVENIENCES	
Rotary Park (Narromine) Public Toilets	<ul style="list-style-type: none"> • Toilet facilities cleaned daily.
Burraway Street Public Toilets (adjacent to Pool)	<ul style="list-style-type: none"> • Toilet facilities cleaned daily.













Attachment No. 1

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PUBLIC CONVENIENCES CONT.	
Manildra Street Toilets (at Saleyards)	<ul style="list-style-type: none"> Toilet facilities are open, 24 hours a day, 7 days a week and are cleaned daily.
Argonauts Park (Trangie) Public Toilets (Goan Waterhole)	<ul style="list-style-type: none"> Toilet facilities cleaned every Tuesday, Thursday and Saturday.
Dandaloo Street Trangie (adjacent to Bakery)	<ul style="list-style-type: none"> Toilet facilities cleaned every Monday, Wednesday and Friday.
Trangie Tuck Stop Toilets	<ul style="list-style-type: none"> Checked daily with a main clean every Tuesday and Thursday and either late Saturday or Sunday morning over weekends.
Trangie Truck Wash	<ul style="list-style-type: none"> Land acquisition process for the Trangie Truck wash nearing completion and design has commenced.
Wetlands	<ul style="list-style-type: none"> Toilet block secured and cleaned daily.
CEMETERIES	
Narromine Cemetery	<ul style="list-style-type: none"> General maintenance continues. Topping up of subsiding graves continues. Weed spraying continues.
Trangie Cemetery	<ul style="list-style-type: none"> General maintenance, mowing and weed spraying. Topping up of subsiding graves continues.
WATER AND SEWER	
Tomingley	<ul style="list-style-type: none"> Regular maintenance at the water treatment plant.
Trangie	<ul style="list-style-type: none"> Staff have continued reticulation system maintenance. Staff continue regular sewer pump station and STP system maintenance as required. Staff continue daily operational Drinking Water Quality Testing as required by legislation. Staff have assisted Parks and Gardens staff in Trangie with repairs of irrigation services in the main street. Staff have commenced construction of a water main along the Trangie cemetery road to replace failing rural poly house services to multiple properties.
Narromine	<ul style="list-style-type: none"> Staff continue daily operational Drinking Water Quality Testing as required by legislation. Staff continue reticulation system maintenance. Staff replaced 1 house water service Staff are assisting with works at Narromine Swimming Pool



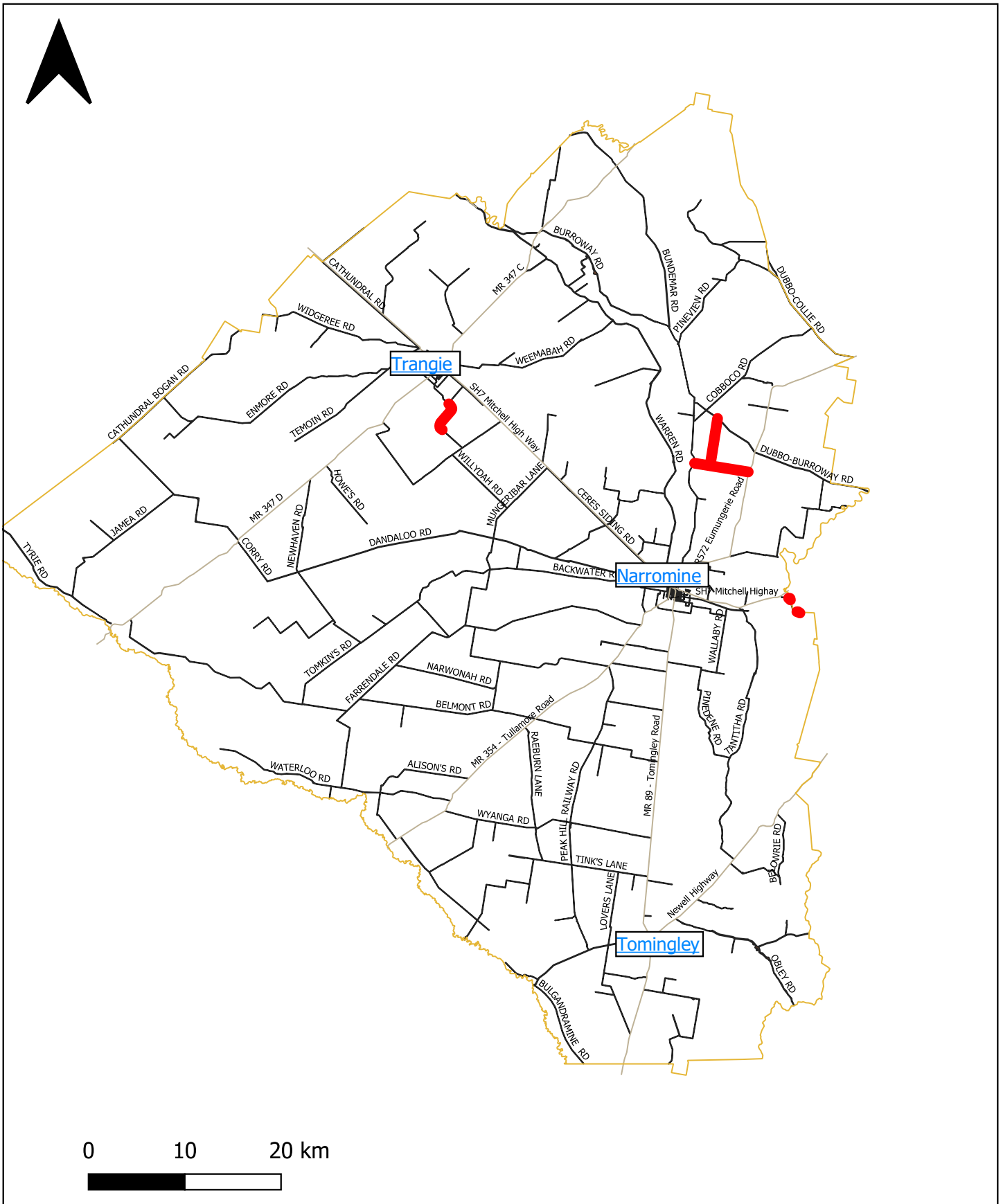
Narromine Shire Council

 June	 February	 October
 May	 January	 September
 April	 December	 August
 March	 November	 July



Note - the roads highlighted are visual purposes only and may not be the exact location of work

Reports to Council - Infrastructure and Engineering Services



Narromine Shire Council

- | | | |
|-------|----------|-----------|
| June | February | October |
| May | January | September |
| April | December | August |
| March | November | July |



Note - the roads highlighted are visual purposes only and may not be the exact location of work

Reports to Council - Infrastructure and Engineering Services

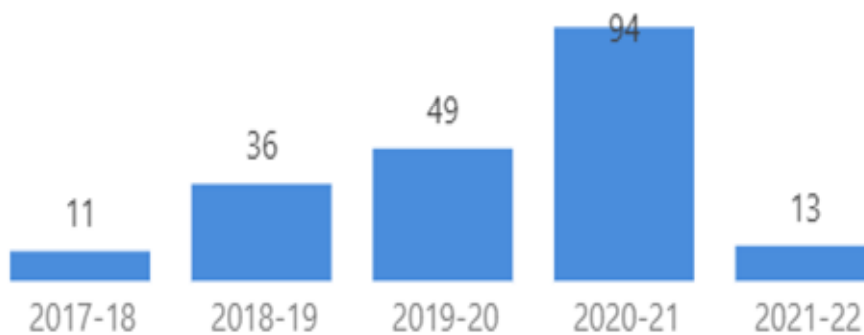
Data showing NHVR Applications Received

The following data shows the number of **applications received** from NHVR starting from **November 2017 till July 2021** for:

1.) Algalah Street:



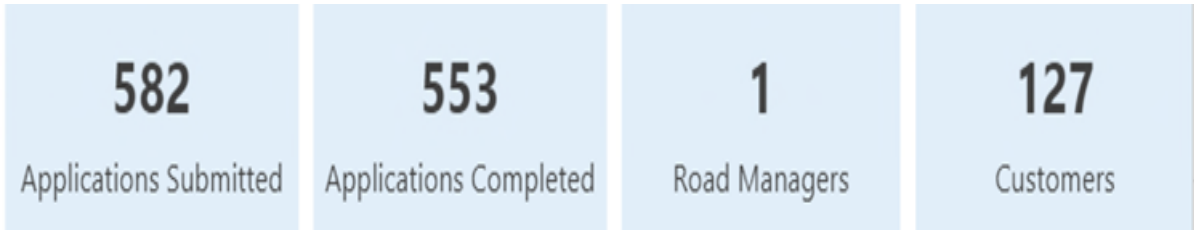
And the breakdown of the **applications received** as per the **fiscal year** are as follows:



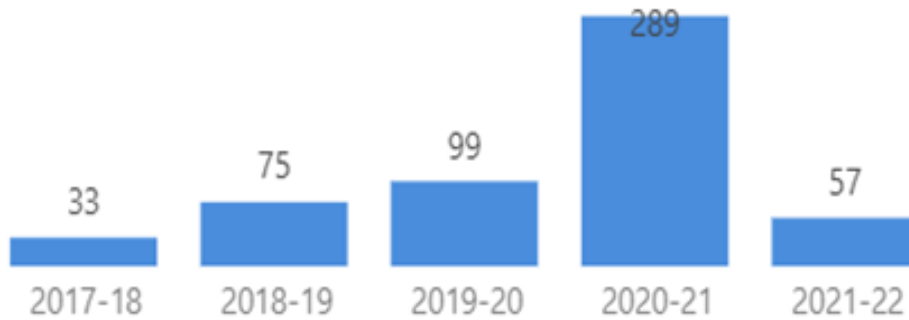
The total number of **applications received** as per the **Type of Vehicle** are as follows:

Application / Vehicle Type	Applications	%
Oversize and/or Overmass (OSOM)	142	65.74%
Performance Based Standards (PBS)	29	13.43%
Custom Oversize and/or Overmass (OSOM)	12	5.56%
Agricultural	9	4.17%
Custom Road Train	6	2.78%
Special Purpose Vehicle (SPV)	6	2.78%
AB triples	4	1.85%
B triples	3	1.39%
A doubles	2	0.93%
AB triples - Higher Mass Limit (HML)	2	0.93%
Prime and semi-trailer	1	0.46%
Total	216	100.00%

2.) Culling Street:



And the breakdown of the **applications received** as per the **fiscal year** are as follows:



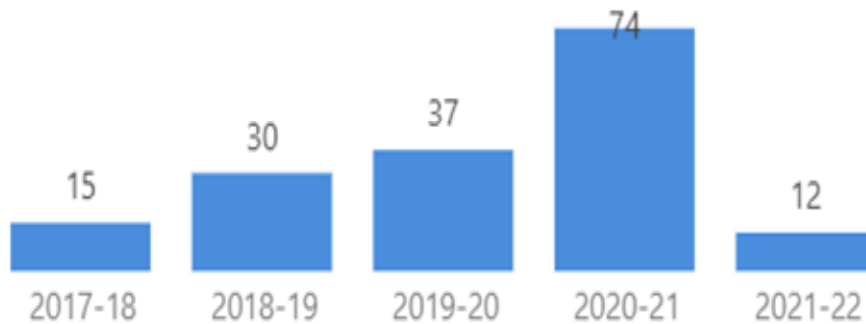
The total number of **applications received** as per the **Type of Vehicle** are as follows:

Application / Vehicle Type	Applications	%
Oversize and/or Overmass (OSOM)	485	83.33%
Performance Based Standards (PBS)	50	8.59%
AB triples	13	2.23%
Custom Oversize and/or Overmass (OSOM)	9	1.55%
Special Purpose Vehicle (SPV)	7	1.20%
AB triples - Higher Mass Limit (HML)	6	1.03%
Agricultural	4	0.69%
Custom Road Train	3	0.52%
Custom Special Purpose Vehicle (SPV)	2	0.34%
A doubles	1	0.17%
B triples	1	0.17%
Prime and semi-trailer	1	0.17%
Total	582	100.00%

3.) Derribong Avenue:



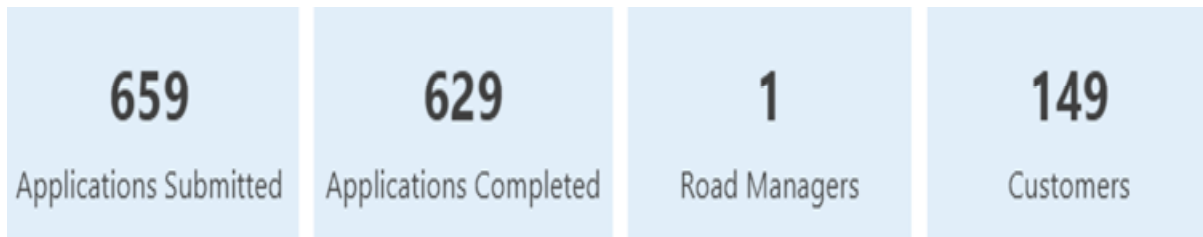
And the breakdown of the **applications received** as per the **fiscal year** are as follows:



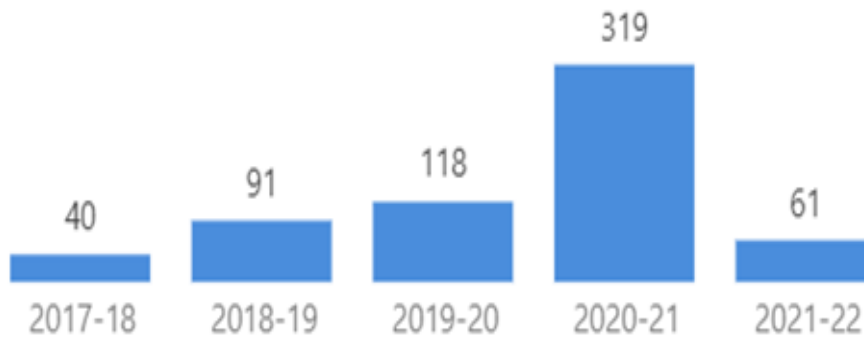
The total number of **applications received** as per the **Type of Vehicle** are as follows:

Application / Vehicle Type	Applications	%
Oversize and/or Overmass (OSOM)	103	57.22%
Performance Based Standards (PBS)	36	20.00%
Agricultural	8	4.44%
Custom Oversize and/or Overmass (OSOM)	7	3.89%
AB triples - Higher Mass Limit (HML)	6	3.33%
Special Purpose Vehicle (SPV)	6	3.33%
AB triples	5	2.78%
B triples	4	2.22%
A doubles - Higher Mass Limit (HML)	2	1.11%
B-Double	2	1.11%
A doubles	1	0.56%
Total	180	100.00%

4.) Manildra Street:



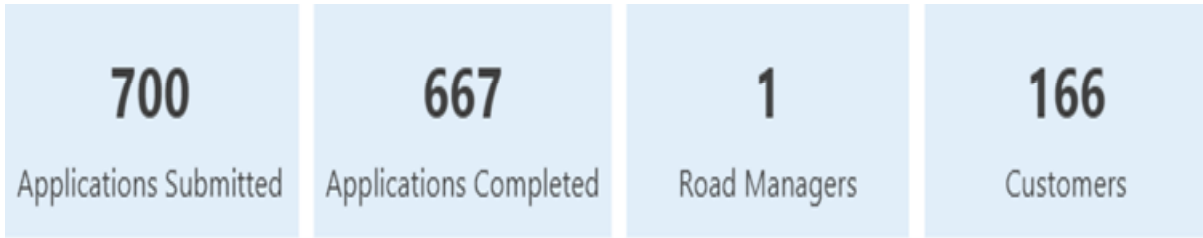
And the breakdown of the **applications received** as per the **fiscal year** are as follows:



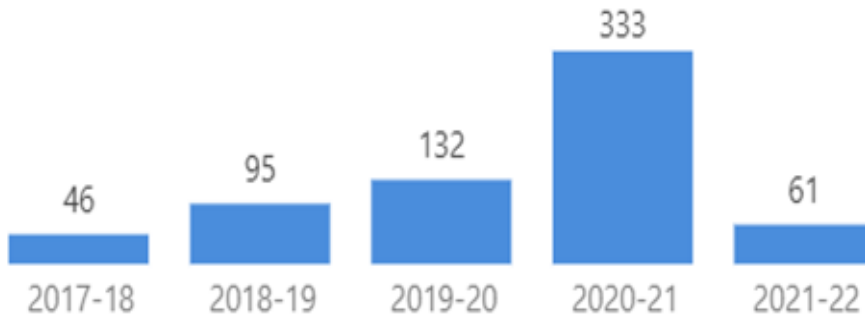
The total number of **applications received** as per the **Type of Vehicle** are as follows:

Application / Vehicle Type	Applications	%
Oversize and/or Overmass (OSOM)	504	76.48%
Performance Based Standards (PBS)	85	12.90%
Custom Oversize and/or Overmass (OSOM)	16	2.43%
AB triples	15	2.28%
Special Purpose Vehicle (SPV)	11	1.67%
Custom Road Train	8	1.21%
AB triples - Higher Mass Limit (HML)	6	0.91%
Agricultural	6	0.91%
A doubles	2	0.30%
B-Double - Higher Mass Limit (HML)	2	0.30%
Custom Special Purpose Vehicle (SPV)	2	0.30%
B triples	1	0.15%
Prime and semi-trailer	1	0.15%
Total	659	100.00%

5.) Combined data for the 4 roads (Algalah Street, Culling Street, Derribong Avenue, Manildra Street):



And the breakdown of the **applications received** as per the **fiscal year** are as follows:



The total number of **applications received** as per the **Type of Vehicle** are as follows:

Application / Vehicle Type	Applications	%
Oversize and/or Overmass (OSOM)	515	73.57%
Performance Based Standards (PBS)	88	12.57%
AB triples	18	2.57%
Custom Oversize and/or Overmass (OSOM)	18	2.57%
AB triples - Higher Mass Limit (HML)	12	1.71%
Special Purpose Vehicle (SPV)	12	1.71%
Agricultural	11	1.57%
Custom Road Train	9	1.29%
B triples	5	0.71%
A doubles	3	0.43%
A doubles - Higher Mass Limit (HML)	2	0.29%
B-Double	2	0.29%
B-Double - Higher Mass Limit (HML)	2	0.29%
Custom Special Purpose Vehicle (SPV)	2	0.29%
Prime and semi-trailer	1	0.14%
Total	700	100.00%