

17 February 2022



Traffic Management Plan Proposal

Owner/Occupier

Dear Resident

Update on our local area traffic management study for Hughesdale

Since our last letter, we've been working with the community focus group to develop a draft traffic management proposal. You'll be aware that we started the study to:

- improve overall road safety by managing local street intersections, reducing traffic speeds and providing transport benefits for all road users
- discourage through traffic volumes while maintaining an appropriate level of accessibility in the area
- develop a plan that maximises the benefits of our funding.

We've included a summary of our findings and a proposed traffic management plan we'd like your feedback on.

What's the proposed traffic management plan?

The plan considers a range of options to address existing issues in the area, including:

- roundabouts
- road humps
- pedestrian/cyclist facilities
- improvements to streets near local schools.

Have your say on the draft plan by Friday 11 March

Scan the QR code and enter the code LATM18 (case sensitive) or visit shape.monash.vic.gov.au/latm18

If you prefer to respond by hard copy, please complete the attached questionnaire and return it in the envelope provided.

Your responses will help us finalise the plan which we'll use to guide the future implementation of traffic management in the area. We'll share a final version of the plan once we've analysed your feedback.



Need to get in touch?

For more information you can contact our Transport Engineer, Han Aung on 9518 3002 or mail@monash.vic.gov.au

Yours sincerely

TERRY TILLOTSON

Principal Transport Engineer

Traffic Management Plan Proposal

Local Area Traffic Management Study - Hughesdale

Background of the study

The study first involved a public meeting in September 2021 and our online community engagement website 'Shape Monash' to collect your views on Hughesdale's existing traffic issues.

We then established a community focus group which included councillors, council officers, local community volunteers and traffic engineering consultants.

The group helped identify and discussed existing traffic issues, including:

- traffic speeds on higher volume collector roads
- traffic volumes/through traffic during commuter peak periods
- congestion and safety at local schools during pick-up/drop-off periods
- lack of pedestrian crossing opportunities across Kangaroo Road.

Traffic data we collected in the area

The data tells us that traffic speed issues mainly focus on the higher volume collector roads, including Kangaroo, Neerim and Willesden Roads. We also observed higher traffic speeds in Hotham Street and within the 40km/h school zones near Oakleigh Grammar.

There's a level of through traffic associated with motorists avoiding congestion on the boundary arterial roads around Hughesdale. However, the grid nature of the existing road network makes it hard to reduce through traffic volumes. This is particularly the case given the number of schools and non-residential uses which have a real need for local access. Because of this, our proposals focus on reducing traffic speed in the local area rather than through access control measures (i.e. road closures, turn bans, etc.).

Summary of recorded traffic speed and volume statistics for key streets in the local area

Road	24-hour volume (veh/day)	AM peak hour (veh/hr)	PM peak hour (veh/hr)	85th percentile speed (km/h)*
Kangaroo Road	7,986	1,022	948	59
Neerim Road	6,000	496	711	55
Willesden Road	4,335	488	415	49
Hotham Street	1,493	163	177	54
Clapham Road	1,047	151	92	48

**The 85th percentile speed is the speed up to which 85% of vehicles travel. We use it as an indicator of general traffic speed.*

We'll continue advocating for improvements to roads managed by the Department of Transport (DoT)

You may already know that we don't manage all the roads in Hughesdale. The DoT manages some of these roads and we'll be raising several other issues the study identified with them.

- **Warrigal Road/Barkly Street** – options for road safety improvements.

- **Warrigal Road Pedestrian Bridge** – improved facilities for bicycles, prams and wheelchairs.
- **Poath Road/Willesden Road** – review signal phasing and timing.

Hughesdale's Draft Traffic Management Plan

The key output for the study is preparing a traffic management plan. This is like the 'master plan' to identify key proposals for the future. While the plan will guide future traffic management implementation, the proposals are still subject to future Council approvals and funding opportunities.

We've considered a range of options to address the existing issues in the area, including roundabouts, road humps, pedestrian/cyclist facilities and improvements to streets near schools.

A summary of the key proposals is below, while a copy of the proposed traffic management plan is attached for your reference.

Install road humps to manage traffic speed

Install a series of 'modified flat-top' style road humps along:

- Kangaroo Road
- Neerim Road
- Hotham Street
- Willesden Road
- Clapham Road.

The location of property driveways, street lighting and road hump spacing requirements means we'd only be able to install them at limited locations.



The road humps would be full width and lower in height. The modified flat topped road hump is lower than a standard hump (75mm high instead of 100mm). It provides a smoother drive and reduces noise, while still addressing speed concerns.

This way of doing road humps is now our preferred design to encourage drivers to have a more consistent speed, instead of repeated acceleration and braking. This can often happen when the humps are higher and more apart. They would still allow public bus routes to operate on Kangaroo Road and Hotham Street.

We've installed similar humps along Mackie Road, Mulgrave (pictures above).

Improve road safety

We've reviewed the following intersections in the area based on historical crash data and community concerns. We propose the following improvements.

- **Euston Road/Clapham Road** – install a roundabout.
- **Warrigal Road/Euston Road** – restrict movements out of Euston Road to left turn only (i.e. no right turn from Euston Road into Warrigal Road).
- **Warrigal Road/Kangaroo Road** – install linemarking guiding the double left turn arrangement from Kangaroo Road into Warrigal Road.
- **Parking near intersections** – increase 'No stopping' areas at several local street intersections improving sight lines for exiting vehicles.

Address operational issues in the network

- **Neerim Road/Service Road/Paddington Road** – realign Neerim Road/Service Road intersection to separate it from the adjacent Paddington Road/Service Road intersection.
- **Euston Road/Corr Street/Wilbur Crescent** – install splitter islands to manage vehicles cutting corners at the off-set intersection.

Make the area safer for pedestrians/cyclists

This is a key feature of the plan especially along Kangaroo Road, which has historically been a barrier to pedestrian movements.

Kangaroo Road

- Raised zebra crossing between Preston Road and Hotham Street.
- Central median island and raised zebra crossing at the Kangaroo Road shops.
- Utilise existing traffic island to the east of Dalston Street as a pedestrian refuge.
- Introduce a road hump on the east approach to the Poath Road/Kangaroo Road roundabout to slow vehicle speeds.

Richardson Street and Carlisle Crescent

- Provision of a bicycle connection from the Richardson Street carriageway to the Djerring Trail.
- Improve the intersection of the Djerring Trail and the railway pedestrian crossing.
- Pram ramps across Carlisle Crescent at Richardson Street.

Improve street operations near local schools

Another key issue was the operation of streets near schools at pick-up and drop-off times. We're proposing a range of improvements to improve the road network near several schools.

Hughesdale Primary School

- 'No stopping' restrictions in the sections between the indented parking on Austin Street.
- Extend school time 'No stopping' restrictions on the west side of Brine Street to the North Road intersection.
- 'No stopping' on the south side of Dallas Avenue, opposite Hotham Street to help bus movements.
- Additional indented parking on the west side of Austin Street adjacent to the school.
- Continue enforcement of double parking.

Sacred Heart Girls College

- Linemark a centre line along Latrobe Street to define the traffic lanes.
- Linemark parking bays on both sides of Latrobe Street.
- Review parking restrictions in Normanby Street to provide 'waiting' opportunity for parent pick-up movements.
- Raised school crossing in Kangaroo Road.
- Continue enforcement of double parking.

Oakleigh Grammar

- Raised school crossing on Willesden Road.
- Two road humps in Willesden Road.
- Road hump in Clapham Road.
- Continue enforcement of double parking.

Voting slip

Hughesdale Local Area Traffic Management Study – Proposed Traffic Management Plan

Let us know your support for the following key items from the study’s proposed traffic management plan. If you have any additional comments or views about other proposals not listed below, include them on the back of this page.

Traffic speed

- | | | | |
|--|--------------------------------|----------------------------------|-----------------------------------|
| Kangaroo Road – road humps (5 locations) | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Neerim Road – road humps (6 locations) | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Hotham Street – road humps (6 locations) | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Willesden Road – road humps (2 locations) | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Clapham Road – road humps (1 location) | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |

Road safety

- | | | | |
|--|--------------------------------|----------------------------------|-----------------------------------|
| Euston Road/Clapham Road – roundabout | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Warrigal Road/Euston Road – left out only | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |

Operational issues

- | | | | |
|---|--------------------------------|----------------------------------|-----------------------------------|
| Neerim Road/Service Road – realign intersection | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Corr Street and Wilbur Crescent – splitter islands | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |

Pedestrians/cyclists

- | | | | |
|---|--------------------------------|----------------------------------|-----------------------------------|
| Kangaroo Road – raised zebra crossing between Preston Road and Hotham Street | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Kangaroo Road – median island and raised zebra crossing at the Kangaroo Road Shops | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Kangaroo Road – utilise existing traffic island to the east of Dalston Street as a pedestrian refuge | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Poath Road/Kangaroo Road – road hump on the east approach | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |

Local schools

- | | | | |
|---|--------------------------------|----------------------------------|-----------------------------------|
| Hughesdale Primary School – extended ‘No Stopping’, additional indented parking and ongoing enforcement. | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Sacred Heart Girls College – linemarking, marked parking bays, raised school crossing and ongoing enforcement. | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |
| Oakleigh Grammar School – raised school crossing and ongoing enforcement. | <input type="checkbox"/> Agree | <input type="checkbox"/> Neutral | <input type="checkbox"/> Disagree |

Additional comments or views on other proposals

Name (required): _____

Address (required): _____

Please return this form in the pre-paid envelope provided by **Friday 11 March**.

LEGEND

-  TRAFFIC SIGNALS
-  ROUNDABOUT
-  SIGN CONTROL (STOP / GIVE-WAY)
-  TRAFFIC ISLAND
-  ROAD HUMP
-  ONE-WAY
-  PEDESTRIAN CROSSING
-  S = SCHOOL CROSSING
-  P = PEDESTRIAN SIGNALS
-  Z = ZEBRA CROSSING

NEERIM RD / POATH RD
TRIM TREES ON EAST AND NORTH APPROACHES TO IMPROVE SIGHT DISTANCE TO SIGNALS

NEERIM RD / RENDELL CT
LINEMARK ON WEST SIDE TO SET BACK PARKING FROM INTERSECTION

NEERIM RD / WILLESDEN RD
REVIEW SIGNAL TIMING / PHASING IN CONSULTATION WITH DOT

ARTHUR ST
INSTALL ONE-WAY PAVEMENT ARROW TO REINFORCE ONE-WAY RESTRICTION

CARLISLE CR
SET BACK PARKING FROM INTERSECTION TO IMPROVE SIGHT LINES

KANGAROO RD / POATH RD
ROAD HUMP ON EAST APPROACH TO SLOW SPEEDS THROUGH ROUNDABOUT

KANGAROO RD
RAISED ZEBRA CROSSING

HOTHAM ST
BUS FRIENDLY ROAD HUMPS

KANGAROO ROAD
CONSTRUCT PRAM RAMP AND UTILISE EXISTING MEDIAN ISLAND AS A PEDESTRIAN REFUGE

DUMBLANE ST & ELLENDALE ST
SET BACK PARKING FROM INTERSECTION TO IMPROVE SIGHT LINES

DALLAS AV / KINRADE ST
PROVIDE PAINTED MEDIAN AROUND BEND AND INSTALL 'NO STOPPING' SIGNAGE

DALLAS AV
INTRODUCE 'NO STOPPING' ON SOUTH SIDE TO ASSIST BUS MOVEMENTS INTO HOTHAM ST

BRINE ST
EXTEND SCHOOL TIME 'NO STOPPING' ON WEST SIDE TO NORTH ROAD

AUSTIN ST
CONSTRUCT NEW SECTION OF INDENTED PARKING OPPOSITE #10 TO #16 AUSTIN ST. INSTALL ADDITIONAL 'NO STOPPING' RESTRICTIONS BETWEEN INDENTED PARKING AREAS

DALLAS AV / SIMMONDS ST
INSTALL 'GIVE-WAY' LINEMARKING ON SIMMONDS ST

NEERIM RD
BUS FRIENDLY ROAD HUMPS

EUSTON RD / CORR ST / WILBUR CR
SPLITTER ISLANDS

NEERIM RD / SERVICE RD
MODIFY INTERSECTION TO SEPARATE NEERIM RD ENTRY FROM PADDINGTON RD

PADDINGTON RD / RUGBY RD
INSTALL NO STOPPING SIGNS IN STATUTORY POSITIONS

EUSTON RD / CLAPHAM RD
ROUNDABOUT

WARRIGAL RD
ADVOCATE TO DOT FOR IMPROVED CONDITIONS FOR BICYCLES/PRAMS/WHEELCHAIRS ON OVERPASS

EUSTON RD / WARRIGAL RD
INTRODUCE LEFT OUT ONLY RESTRICTION

CLAPHAM RD
FLAT TOP ROAD HUMP

WILLESDEN RD
RAISE EXISTING SCHOOL CROSSING & FLAT TOP ROAD HUMPS

RICHARDSON ST & CARLISLE CR
- PROVIDE BIKE CONNECTION TO RAIL CROSSING
- MODIFY ZEBRA CROSSING ON DUJERRING TRAIL
- PROVIDE PRAM RAMP OVER CARLISLE CRESCENT

KANGAROO RD SHOPS
- RAISED ZEBRA CROSSING
- CONSTRUCT MEDIAN ISLAND
- REMOVE A PARKING SPACE (NORTH SIDE, WEST OF DALSTON RD)

KANGAROO RD
BUS FRIENDLY ROAD HUMPS

KANGAROO RD
RAISE EXISTING SCHOOL CROSSING

WARRIGAL ROAD / KANGAROO RD
CONSULT WITH DOT FOR TURN LINES TO GUIDE DOUBLE LEFT TURN MOVEMENTS

WARRIGAL RD / BARKLY AV
DISCUSS SAFETY IMPROVEMENT OPTIONS WITH DOT

LAIROBE ST
MARK PARKING BAYS ON WEST SIDE OF ROAD. INSTALL CENTRELINE LINEMARKING

