11.2 Lander Road 50km/h Speed Limit Reduction	
Report Reference	GC220125R11.2
Originating Officer	Unit Manager Engineering – Carl Lundborg
Corporate Manager	Manager Engineering, Assets and Environment - Mathew Allen
General Manager	General Manager City Services - Tony Lines

REPORT OBJECTIVE

The purpose of this report is to provide the results of the community consultation for the speed limit reduction along Lander Road (between Main South Road and Patpa Drive roundabout) from 60km/h to 50km/h.

REPORT HISTORY

Report Reference	Report Title
GC210914M14.1	Lander Road Speed Limit

EXECUTIVE SUMMARY

The Lander Road proposed speed limit reduction consultation between Main South Road and Patpa Drive was undertaken between Monday 22 November and Wednesday 15 December 2021. The consultation received 609 responses with 91% (554) of the responses not supportive of the proposed speed limit reduction and 9% (55) supportive (see Attachment 1 for Community Consultation Report).

It is recommended not to proceed with the speed limit reduction on Lander Road between Main South Road and Patpa Drive due to the lack of community support. To ensure the success of any speed limit implementation a high level of community support is recommended. Without high level of initial support, the speed limit may become contentious and unpopular when enforcement occurs.

RECOMMENDATION

That Council:

1. **Notes the Lander Road Community Consultation Report (Attachment 1).**
2. **Does not proceed with the process to reduce the speed limit on Lander Road between Main South Road and Patpa Drive.**

DISCUSSION

Background

The Department for Infrastructure and Transport (DIT) undertook an upgrade to the intersection at Main South Road, Candy Road and Lander Road in October 2019, which was completed in July 2020. The upgrade allowed for right turn movements between Main South Road and Candy Road, and through movements between Candy Road and Lander Road.

The project has provided improved connectivity in the area, particularly between Happy Valley and Hallett Cove. This is evident from comparing traffic data collected prior and after the upgrade. There has been an increase of approx. 20-25% volume of traffic on Lander Road and it is now considered

City of Marion's most utilised road with approximately 10,000 vehicles per day (AADT - Average Annual Daily Traffic).

A lower speed limit on Lander Road between Main South Road and the roundabout at Patpa Drive would provide a safer environment for residents. The speed limit on Candy Road (City of Onkaparinga) between Chandlers Hill Road and Main South Road is 50km/h. A similar built-up road environment on Lander Road exists between Main South Road and Patpa Drive. Consolidating the speed at 50 km/h would be less confusing to motorists.

Consultation

The Lander Road proposed speed limit reduction consultation was undertaken between Monday 22 November and Wednesday 15 December 2021. Community consultation involved:

- Delivering approximately 90 letters to residents and property owners on Lander Road (between Main South Road and Patpa Drive).
- Social Media posts.
- Variable Message Sign (VMS) LED boards were set up on Lander Road at both ends to notify motorists.
- City of Marion website latest news post.

Making Marion was used for the engagement and for survey responses. The survey received 609 responses and the page was visited 1,014 times. The results of the consultation identified 91% (554) of the responses were not supportive of the proposed speed limit reduction and 9% (55) supportive (see Attachment 1 for Community Consultation Report).

As a result of the consultation, it is not recommended to proceed with the speed limit reduction on Lander Road between Main South Road and Patpa Drive due to the lack of community support.

As outlined in the Department for Infrastructure and Transport (DIT) document '*Speed Limit Guideline for South Australia*' it may be beneficial to the success of the speed limit proposal to ensure a high level of community support before implementing the lower speed limit. Without high level of initial support, the speed limit may become contentious and unpopular when enforcement occurs.

The Engineering Unit will continue to collect traffic data on Lander Road through the traffic data collection program (Action 5.3 Transport Plan 2021-2026) and to monitor crash data through this section of road.

ATTACHMENTS

1. Community Consultation Report - Lander Road [**11.2.1** - 6 pages]

Lander Road – Proposed Speed Limit Reduction
Community Consultation Report
December 2021

BACKGROUND

The Department for Infrastructure and Transport (DIT) undertook an upgrade to the intersection at Main South Road, Candy Road and Lander Road in October 2019, which was completed in July 2020. The upgrade allowed for right turn movements between Main South Road and Candy Road, and through movements between Candy Road and Lander Road.

The project has provided improved connectivity in the area, particularly between Happy Valley and Hallett Cove. This is evident from comparing traffic data collected prior and after the upgrade. There has been an increase of approx. 20-25% volume of traffic on Lander Road and is now considered City of Marion's most utilised road with approx. 10,000 vehicles per day (AADT - Average Annual Daily Traffic).

A lower speed limit on Lander Road between Main South Road and the roundabout at Patpa Drive would provide a safer environment for residents. The speed limit on Candy Road (City of Onkaparinga) between Chandlers Hill Road and Main South Road is 50km/h. A similar built-up road environment on Lander Road between Main South Road and Patpa Drive, consolidating the speed at 50 km/h, would be less confusing to motorists.

PROPOSED SPEED LIMIT

Reducing the Speed limit on Lander Road between Main South Road and Patpa Drive from 60km/h to 50km/h would:

- Shorten the stopping distance of an average car by 10m (equates to about 2 car lengths)
- Provide a safer road (reduces the risk of crashes resulting in serious injuries and fatalities)
- Provide better fuel consumption (lower greenhouse gas emissions)
- Generate less traffic noise
- Better support active travel modes
- Increase the time to travel between Main South Road and Patpa Drive by approx. 20 seconds

CONSULTATION

Consultation was undertaken between Monday, 22 November and 5pm Wednesday, 15 December 2021. The Making Marion engagement page was used to host the Consultation Survey.

The purpose of the engagement was to consult with the community about their level of support for the proposed speed limit reduction, seek feedback and identify any issues/concerns.

Community Engagement techniques

- Making Marion was used to host an online survey to identify level of support for the proposal
- Delivery of approx. 90 letters to residents and property owners on Lander Road (between Main South Road and Patpa Drive)
- Social Media posts
- Variable Message Sign (VMS) LED boards were set up on Lander Road at both ends to notify motorist
- City of Marion website latest news post

Lander Road – Proposed Speed Limit Reduction
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Community feedback statistics

- **1014** people visited the survey and Making Marion page
- **609** people provided a submission to the survey on Making Marion
- **511** new registrations were made on Making Marion site

Social media posts and website

During November 2021 City of Marion posted about the proposed speed limit reduction consultation on the City of Marion's social media pages and on the City of Marion Website.

Example of posts and website information

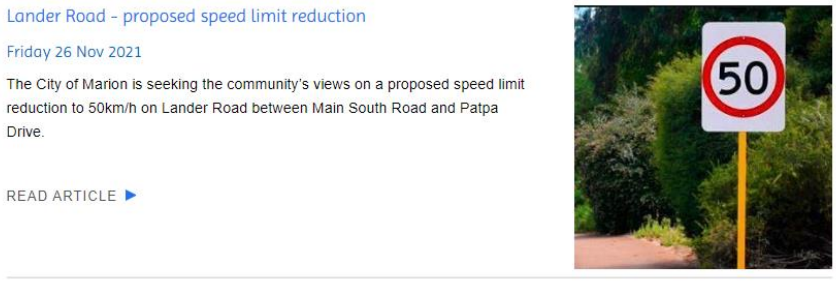
Facebook



Twitter



City of Marion Website



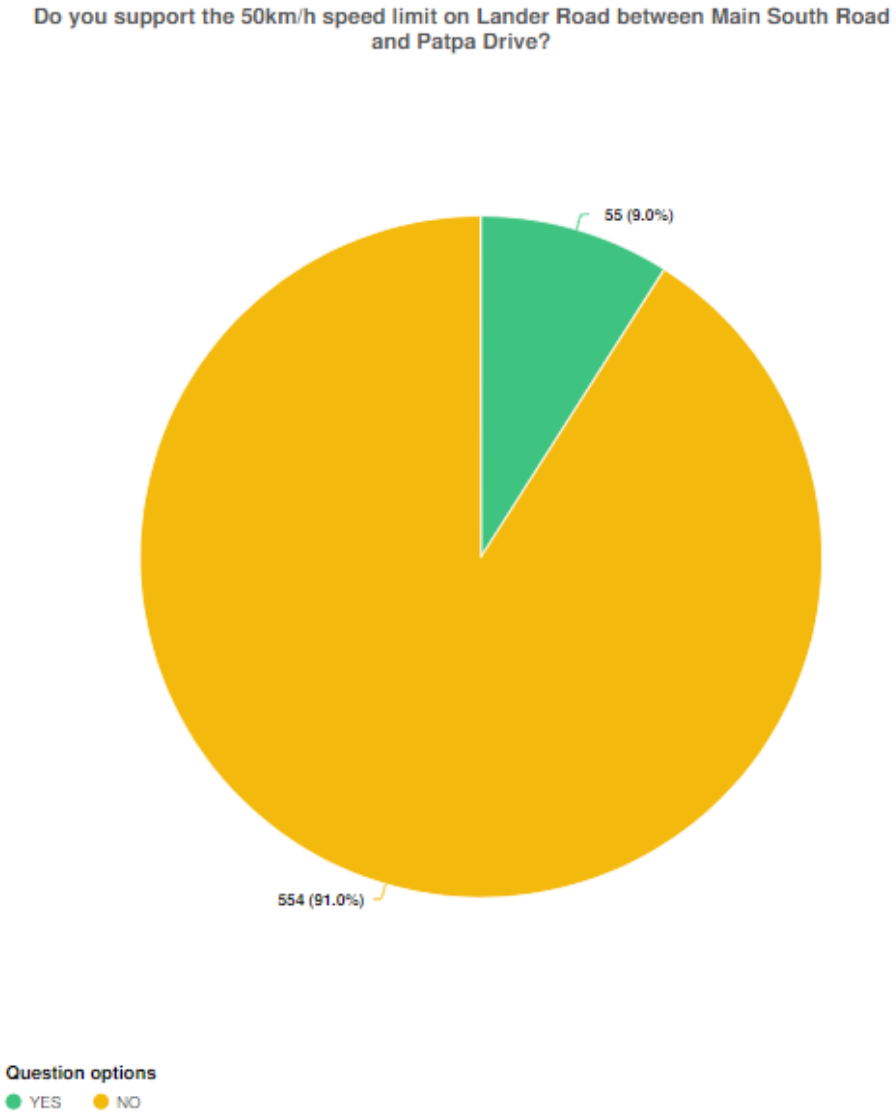
Community Sentiment

Overall people provided feedback and comments that did not support the proposed speed limit reduction on Lander Road.

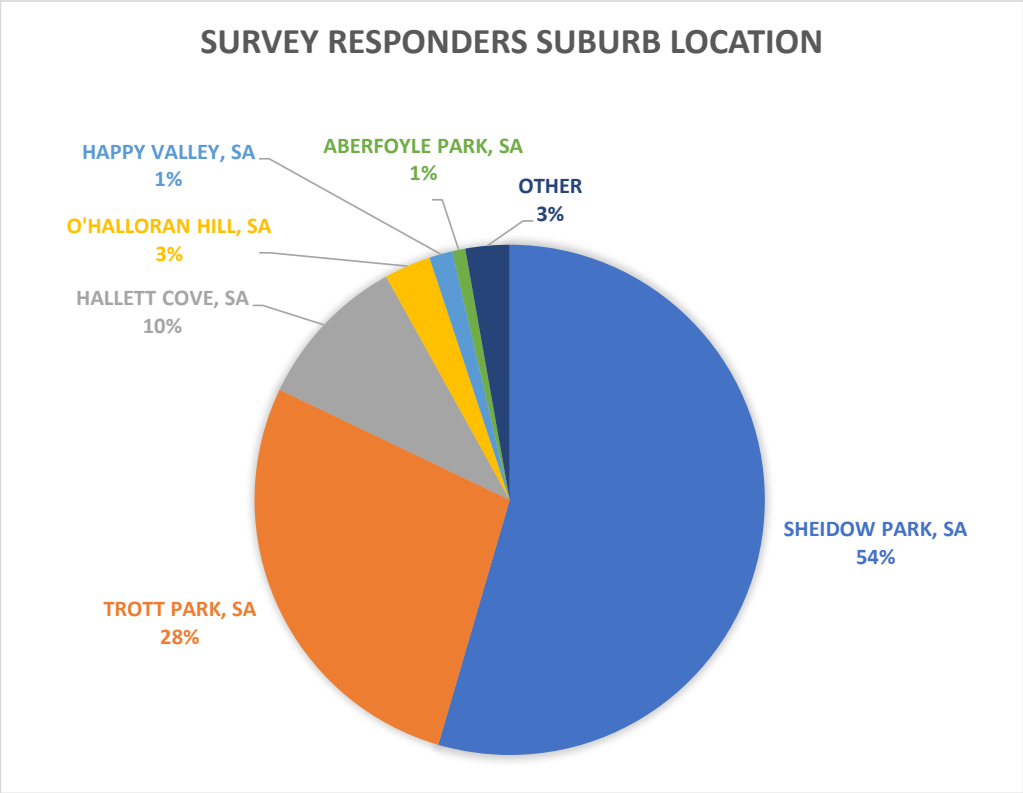
Survey Results

Of the 609 responses to the survey:

- 554 **do not support** the speed limit reduction (91%)
- 55 **do support** the speed limit reduction (9%)



Survey Responders Location



Residents of Lander Road

Residents of Lander Road (Between Main South Road and Patpa Drive) which have direct access or adjacent properties on Lander Road:

- Total number of properties = 78
- Number of residents on Lander Road that responded to the Survey = 26 (33% response rate)
- **Supported** the speed limit reduction = 20 (77%)
- **Do not Support** the speed limit reduction = 6 (23%)

A Summary of Key Feedback and Comments

Key Feedback Themes

- Roundabouts and topography naturally slow traffic on Lander Road
- Concerns on the enforcement of the speed limits at the bottom of the hills (Revenue Raising)
- Concerns regarding the travel times and congestion if speed is reduced
- Low number of accidents in the past doesn't warrant intervention
- Safety concerns for pedestrians crossing Lander Road
- Safe access concerns into and out of driveways on Lander Road

Examples of Not Supportive Comments:

"I travel this road daily sometimes 2 or 3 times a day and I do not believe it needs a 50km speed limit. It has roundabouts which help to slow cars."

"I feel that the road is wide enough and safe enough for the current 60km/hour speed limit. Perhaps more patrols and speed cameras would be helpful to detect those not doing the right thing and exceeding the limit. These people will still exceed the limit, regardless if it is reduced or not."

"Commuters need to get through, lowering the limit will make a journey longer."

Examples of Supportive Comments:

"We frequently cross Lander Rd to and from school, and 60kmph seems high for a road with poor visibility over hill crests"

"This is essentially a very busy, narrow-ish one lane street through a residential area so I feel the reduced speed limit is warranted and a tad overdue"

"Lived on this road for 8 years - the traffic since opening Candy Rd has become unbearable and residents' standard of living decreased. In addition to this it has become DANGEROUS to cross the road for pedestrians. We have nowhere to cross to go to school and have to run across. I have seen many near misses."

Other Comments and Issues Raised:

- Intersection of Young Street and Lander Road needs upgrading
  - ***CoM Response:***
    The Young Street and Lander Road Intersection will be improved by constructing a new left turning lane (on Young Street) to reduce queuing. Construction is expected to commence in 21/22 with the completion by end of 2022.

- Intersection of Main South Road and Lander Road needs a larger left turning lane
  - ***CoM Response:***
    The intersection of South Road and Lander Road is under the care and Control of the Department for Infrastructure and Transport (DIT). DIT have indicated that three lanes were considered during their design and investigation of the Main South Road/Lander Road/Candy Road intersection upgrade. They decided to avoid this believing the design settled on would be generally adequate for the needs of motorists, weighing it against the constraints of the site. Following the opening of the intersection, observations were undertaken by DIT during July and August 2020, resulting in an adjustment to the signal phases.

    CoM have investigated with SA Power Networks (SAPN) to discuss the relocation of the stobie pole to facilitate a left turn slip lane from Lander Road onto South Road. SAPN advised that the stobie pole relocation was simply not possible, based on the

overhead line geometry already being at its limits. To remove the pole from its current location would require the lines to be undergrounded crossing South Road, which was roughly estimated to cost a half a million dollars.

The provision of a slip lane would require acquisition of adjacent land owned by the Anglican Church, including cemetery land. As the existing verge would be required for a left turn lane, further space would be required for the provision of a footpath. The amount of acquisition would be at a length of about 30 metres and a width of 1-1.5 metres.

It is acknowledged that the intersection upgrade has increased the build-up of traffic wanting to turn left onto South Road resulting in an inconvenience to some motorists. However, taking into consideration the clearing out of queuing during the signal sequence, the site constraints including the land acquisition impacts and the cost of relocating SAPN infrastructure it is not justifiable to construct a left turn slip lane from Lander Road onto South Road.

Closing the Loop

This report will be added to the Making Marion consultation page for public viewing. Including any further decision from Council regarding the speed limit reduction on Lander Road.