

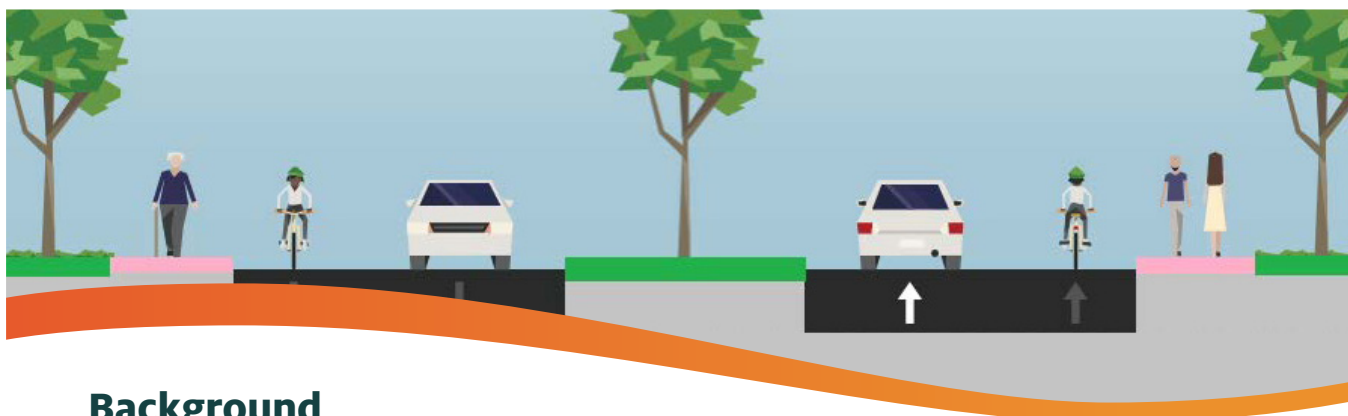
**HAVE  
YOUR  
SAY!**

City of **Kalamunda**

Kalamunda Road Upgrade - Phase 2

**Community Engagement Report**





## Background

The City of Kalamunda is seeking to identify the future road functions and capacities for Kalamunda Road from Abernethy Road to Roe Highway, High Wycombe. Cardno has been appointed to create a Kalamunda Road Functional Review and Upgrade Plan, which will identify the long term optimum function of Kalamunda Road and produce a forward plan for the upgrade of the road.

The section of Kalamunda Road in the project area runs from Abernethy Road to Roe Highway, High Wycombe. It is anticipated the works could evolve to different functional outcomes depending on the planning and design that is undertaken, and the stakeholder feedback received.

There are two functions that are most likely to develop:

1. A Lower Capacity Main Street, and
2. A Higher Capacity Distributor Road.

The chosen outcome will affect factors including the speed and volume of traffic, the amount of trees and vegetation in the streetscape, and the amount of priority given to pedestrian and cycling facilities.

The road upgrade will be of strong interest to many people in the area; and to a lesser extent, users of the road who live further afield. A well designed road will improve safety, amenity and access whilst balancing the needs of different road users.

As part of long-term planning for the City of Kalamunda's transport network, the City asked for community input on the new concept designs for Kalamunda Road between Abernethy Road and Roe Highway, High Wycombe.

Concept designs for this section of Kalamunda Road include:

1. In the next few years
  - a. close Fernan Rd at Kalamunda Rd
  - b. a pedestrian crossing by Fernan Road, to be upgraded to a signalised crossing
  - c. a new roundabout at the intersection of Range Court and Kalamunda Road
  - d. closure of the existing Range View Road access to Kalamunda Road with the opening of Range Court to align with Hawkevale Road at a new roundabout.
  - e. a new roundabout at the intersection of Cyril Road and Kalamunda Road
  - f. streetscaping upgrades from Cyril Road to Roe Highway.
2. From around 2025 and later
  - a. a new roundabout at the intersection of Stirling Crescent and Kalamunda Road
  - b. streetscaping upgrades from Abernethy Road to Wittenoom Road.
3. From around 2035 and later
  - a. Streetscaping upgrades of all remaining sections
  - b. Retention of the roundabout (as is) at Newburn Road and Kalamunda Road.
4. Across all sections
  - a. New on-road cycle lanes
  - b. Improved shared paths on both sides of the road.

# Phase 1 Community Consultation

## Consultation process

The engagement and consultation process shared information to interested stakeholders to raise awareness of the project and collect feedback. This feedback informed the design options.

Feedback was collected via a survey form on the City's Engage Kalamunda website and printed copies at City-managed locations.

## Stakeholder information sessions

- A community workshop held at High Wycombe Library on 8 April 2019
- A business breakfast held on 9 April 2019
- Public submissions
- Direct engagement with non-residential stakeholders including schools, businesses and public agencies.

## Phase 1 Survey

The survey requested feedback about:

- Existing conditions on Kalamunda Road – respondents rated their satisfaction (very dissatisfied, dissatisfied, neither, satisfied, and very satisfied) with several aspects of the road, including road features, streetscape, bus facilities, bicycle facilities, and pedestrian facilities.
- The preferred new layout for Kalamunda Road – respondents selected their preferred layout (illustrated in Figure 1 and Figure 2).

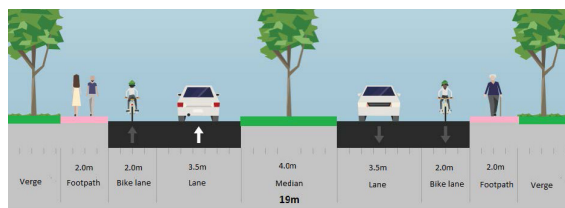


Figure 1: Lower capacity main street

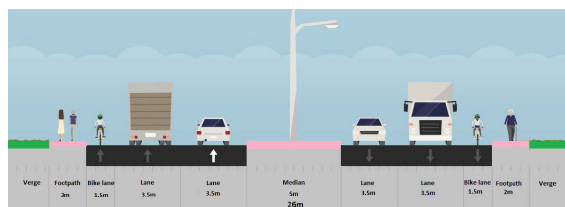


Figure 2: Higher capacity distributor road

## Survey results

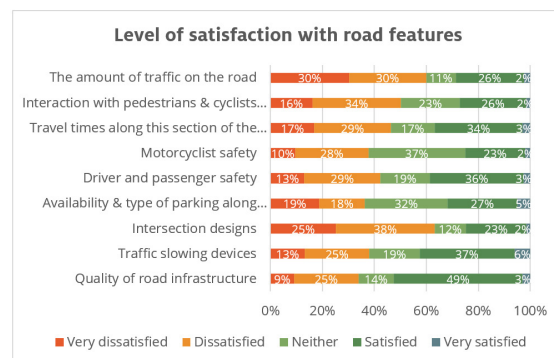
In total, 224 survey responses were received with good representation from residents (91% of respondents) and businesses (9.8%). The majority of respondents reported living in High Wycombe (72.3%), Maida Vale (5.8%) or Kalamunda (4.9%), with the remainder living in suburbs outside the City of Kalamunda.

The main form of road transport used by respondents was the motor vehicle with 50.7% of all responses.

Other forms of transport included - 37.3% walking, 16.9% public transport/bus, 9.5% cycling, 4.5% taxi/rideshare, 2.5% motorcycle/scooter and 0.5% heavy vehicles.

Many people in the area reported shopping locally with High Wycombe Village Shopping Centre the most common destination (48.5%). The next three most common destinations were Kalamunda (37.4%), Perth City (31.0%) and Midland (29.8%).

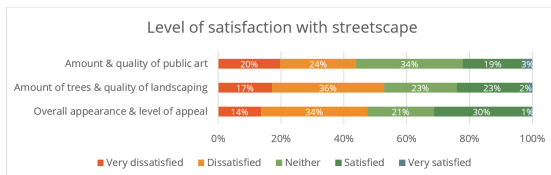
## Level of satisfaction with road features



The following significant concerns related to the road features were raised:

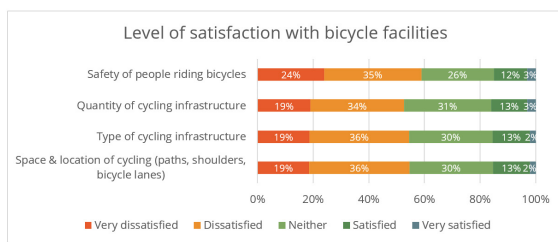
- Intersection designs – 63.1% dissatisfied or very dissatisfied
- The amount of traffic on the road - 59.9% dissatisfied or very dissatisfied
- Interaction with pedestrians and cyclists while driving - 50.3% dissatisfied or very dissatisfied.

### Level of satisfaction with streetscape



52.8% of respondents were either 'very dissatisfied' or 'dissatisfied' with the number of trees and quality of landscaping along the road. The majority of respondents were unhappy with current streetscape.

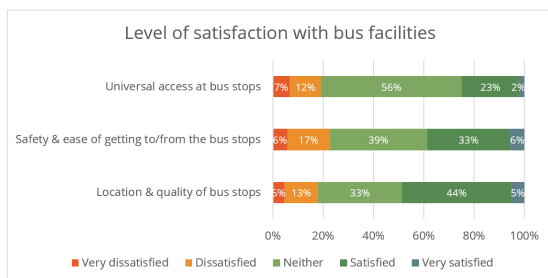
### Level of satisfaction with bicycle facilities



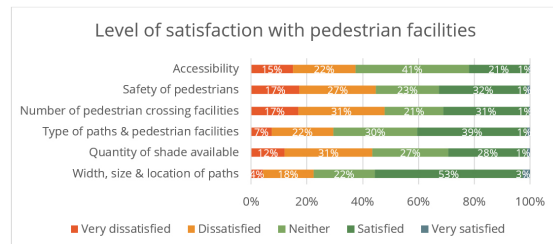
The majority of respondents were mostly dissatisfied or very dissatisfied.

### Level of satisfaction with bus facilities

The majority of respondents were mainly satisfied or provided no indication in relation to both location and quality of bus stops and safety and ease of getting to and from bus stops.

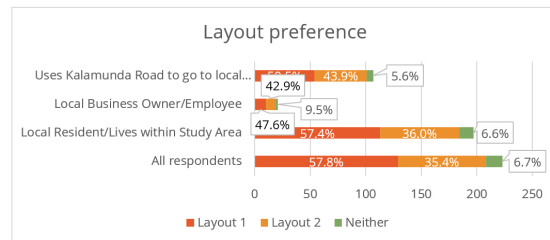


### Level of satisfaction with pedestrian facilities



The majority of respondents were generally neutral towards the overall pedestrian experience. However, they expressed strong dissatisfaction with specific aspects of pedestrian facilities such as number of facilities (47.9%), safety of pedestrians (44.7%) and quantity of shade available (43.5%).

### Layout preference



Respondents were asked to rate different aspects of the two options (lower capacity vs higher capacity) with 58% of all respondents indicating a preference for the Lower Capacity option, 36% selecting the Higher Capacity option and about 6% indicating no preference for either.

### Response

Based on the community's response and feedback, the City of Kalamunda endorsed Kalamunda Road between Roe Highway and Abernethy Road becoming a lower capacity local road and began developing the proposed concept design.

### Traffic analysis

Critical intersections were analysed using Industry standard Sidra traffic analysis software to assess the impact and performance of the proposed concept design intersection treatments.



## Phase 2 Community Consultation



Community Consultation for the project was delivered in line with a Communications and Engagement Plan prepared in line with IAP2 best practice principles.

Engagement was designed for transparency and inclusiveness through measured collaboration with the City of Kalamunda community and project stakeholders.

**The Survey received 47 responses and one written submission.**



Phase 2 consultation ran from 21 April 2020 to 18 May 2020 and was supported by an integrated marketing campaign.

### The top suburbs represented

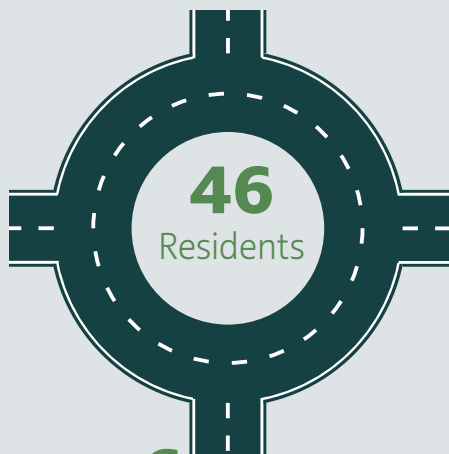
**89.6%**  
**High Wycombe**

**4.1%**  
**Maida Vale**



**2** Local business/  
community groups

**7** Daily  
commuters



**6** Local  
community  
users

**16** Regular road  
users in the area



# Engage Traffic



**50%** of respondents were female

**50%** of the respondents were male

## Engage Traffic

- 556** Total visits
- 180** Maximum visits per day
- 134** Informed Visitors
- 472** Aware Visitors

**5000** hard copy surveys were delivered to addresses adjacent to the proposed road works.


## Survey

- 68** Viewed
- 47** Completed

**175** participants downloaded a document

- 99 downloaded the Summary Report
- 37 downloaded Poster 1
- 17 downloaded Poster 2
- 20 downloaded the FAQs

# Top performing post



**City of Kalamunda**  
Published by Buffer [?] · 28 April · 🌐

🚗👨🏻‍🔧 Tell us what you think about the next phase of upgrades for Kalamunda Road between Abernethy Road and Roe Highway, High Wycombe.

📄 Concept plans and the community feedback survey are available online at <http://engage.kalamunda.wa.gov.au>.

Comments close 5pm, 18 May 2020.... See more

### Performance for your post

**6,946** People Reached

**102** Reactions, comments & shares ⓘ

<b>21</b> 👍 Like	<b>5</b> On post	<b>16</b> On shares
<b>1</b> 😲 Wow	<b>0</b> On post	<b>1</b> On shares
<b>71</b> Comments	<b>10</b> On Post	<b>61</b> On Shares
<b>9</b> Shares	<b>9</b> On Post	<b>0</b> On Shares

**517** Post Clicks

<b>26</b> Photo views	<b>246</b> Link clicks ⓘ	<b>245</b> Other Clicks ⓘ
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**NEGATIVE FEEDBACK**

**1** Hide post      **0** Hide all posts

"Fix the ridiculous entry and exits from Coles shopping centre. Despite many emails and suggestions you do nothing but blame the shopping centre owners. YOU approved the plans so YOU need to fix before someone gets injured by the idiots doing ILLEGAL right hand turns coming out onto Kalamunda Road."

"Definitely upgrade it's looking very tired and old and we need to stop all the trucks going through the suburbs."

"Because they won't be considerate and ride single file, we will pamper them and look after the minority with new paths to keep them off the roads - which they won't use because the roads don't align with where they want to go. Getting rid of the traffic lights at Roe and Tonkin highway would of been a better way to spend the money!"

### Comments on Facebook

*(by commentators who chose NOT to complete a Survey.)*

"Love the new grass trees and rocks on Kalamunda road. I haven't seen it finished yet, but it's about time the presentation and gardens got some attention. I think High Wycombe needs more of this."

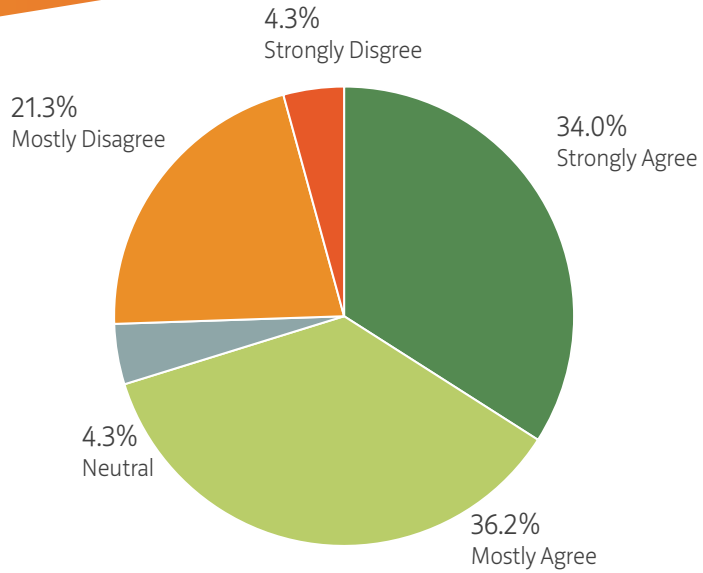


# Survey Results

## Support for the proposed concept plans

**72.2%** Agree

**25.6%** Disagree



### Q2. Please tell us why you rated the proposed plan as you did and any other comments.

Respondent	Comments (sic)
3	Strongly Agree Addresses the issues likely to be experienced at Hawkevale Road intersection with Kalamunda Road when the Karingal Green Aged Care Precinct opens. All proposals should work together to slow traffic and improve access by local traffic. Delivery trucks to businesses and Aged Care Precinct will probably hate the number and narrowness of roundabouts but will still need to navigate them unless they take rat runs such as those used through Karingal Green to avoid the roundabouts on Hawkevale Road by big trucks.
4	Strongly Agree Reduces non-local traffic and congestion, hopefully will steer trucks back onto Great Eastern/ Roe Hwy.
10	Strongly Agree I really like the idea of the roundabouts, keeping traffic flowing. Strongly agree with Stirling Crescent & Hawkevale/Range View, quite often I get stuck pulling out of Hawkevale, with increased traffic flow through to Karingal this will help.
13	Strongly Agree I have supported the idea all along of allowing residents to access Kalamunda Rd in a safe manner by installing roundabouts.
14	Strongly Agree This is the perfect balance between Kalamunda Road being an arterial link of City of Kalamunda, and a residential area. The current design of Kalamunda Road almost separates our suburb of High Wycombe, and I feel this will improve that significantly.
21	Strongly Agree The proposed concept plan will greatly improve traffic flow on Kalamunda Road. I suggest that the proposed new roundabout at Stirling Crescent be brought forward to was congestion at that point.
22	Strongly Agree Will improve access to Kalamunda Rd for local residents, slow the traffic, safer for pedestrians and will look prettier and more like a town centre.



## Survey Results continued

29	Strongly Agree	Anything to improve traffic flow and conditions on Kalamunda Road will be a benefit as it only needs one bus to stop near Newburn Road/Chipping Road and it's chaos.
30	Strongly Agree	Kalamunda Road desperately needs sorted as very very busy. Footpaths & bike lane are desperately needed. We have no way of leaving High Wycombe safely on a push bike.
33	Strongly Agree	Shire needs + MRD also need to address the use of Kalamunda Rd (from Abernethy - Roe Hwy) being used by vehicles larger than 12.5m long (unless for deliveries) there is a bypass built for this purpose. (ie. Centurion for trucks etc).
35	Strongly Agree	When going to Midland it is very difficult to turn right onto Kalamunda Rd when coming from Rangeview Rd. Roundabouts will help this a lot
38	Strongly Agree	I live on the corner of Kalamunda Road and Stirling Cres and I'd like to see the removal of big trucks here and anything to slow traffic down as this corner is dangerous
39	Strongly Agree	I think it is all long overdue! Also the lake at the back of the retirement village corner of Abernethy Rd & Kalamunda needs a wall built to block off traffic noise, there is zero serenity when your sitting on park bench there! Check it yourself!
41	Strongly Agree	All proposals appear to be improvements
43	Strongly Agree	Slows down the traffic so it is a safer. Might stop trucks using it as a thoroughfare
45	Strongly Agree	Very happy to close Fernan Road speeding cars trucks parked on corner dangerous when driving into street from Kalamunda Road
6	Mostly Agree	I think some of the intersection upgrades could be improved on.
11	Mostly Agree	Why traffic lights instead of pedestrian crossing? I am going to suggest, AGAIN, that roundabouts are designed to slow traffic, so that traffic from all directions have an equal chance to enter, and that with traffic slowed there should be no need to use lights to allow pedestrians to cross.
15	Mostly Agree	The single lane with cycle path and wide foot path is ideal. Trucks need to be stopped from using Kalamunda road as a cut through. The state government spent money so trucks could use Abernethy and great eastern bypass, not Kalamunda road as a short cut.
16	Mostly Agree	These fixes will slow the traffic and make it safer to get onto Kalamunda Rd and in and out of the shops all sounds good.
17	Mostly Agree	I do not agree with all submissions.
23	Mostly Agree	[Left blank]
24	Mostly Agree	It will be a wait and see. Heavy haulage and articulated vehicles need to be strictly controlled through HW only delivery vehicles to the shopping centre and petrol deliveries to service station. Buses The proposed Industrial Development on Stirling the traffic flow should be restricted to using Adelaide in and out. Stirling Adelaide to Kalamunda very restrictive.  Speed should be 50. If Canning through Kalamunda the same speed through, HW should be the same.
25	Mostly Agree	It would be strange to have 2 roundabouts so close together at Rangeview and Cyril road. Surely it would impede the flow of traffic!
26	Mostly Agree	Have no problem with the plans for Kalamunda Rd except the dust Main Roads is creating. I live in 17 Berle Way High Wycombe Unit 3 which is at the back facing Kalamunda Road.
28	Mostly Agree	[Left blank]

## Survey Results continued

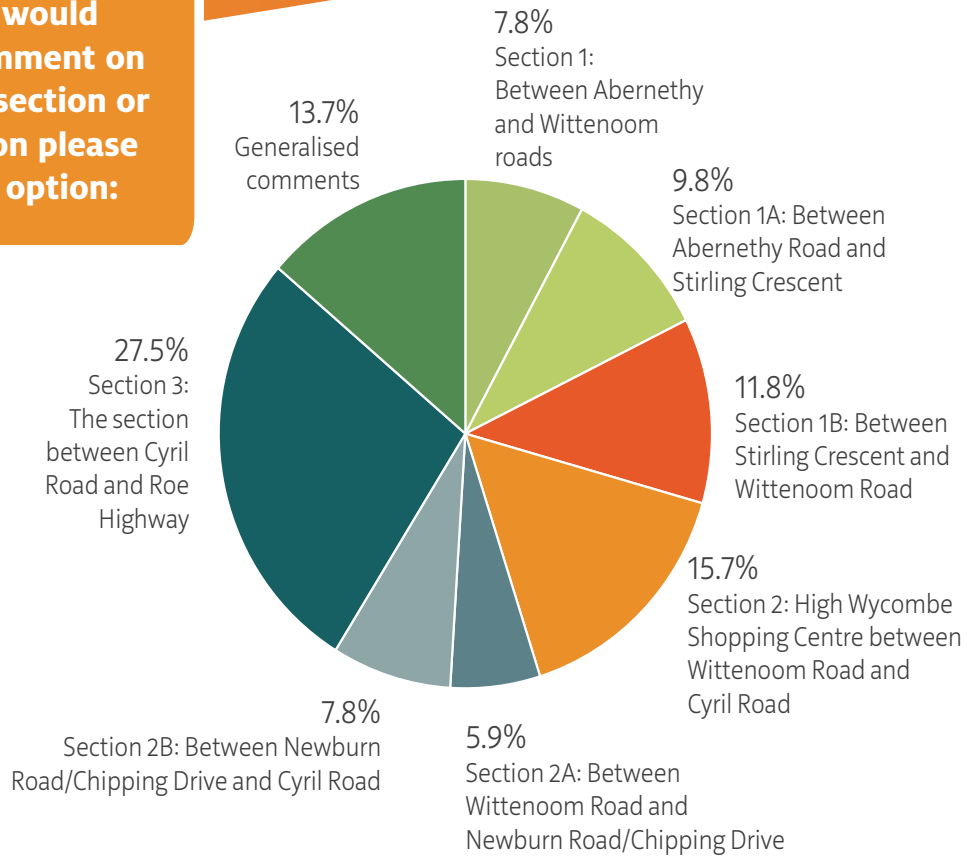
31	Mostly Agree	I am against the proposal to Rangeview Rd Access to Kalamunda Rd. I believe this will encourage more people to use Rangeview Road as their thoroughfare rather than Edney Rd. As a resident on Rangeview Rd with young children I don't want increased traffic on Rangeview
36	Mostly Agree	Too many roundabouts in small distance. May impede traffic flow leaving Roe Hwy
37	Mostly Agree	As a resident of Cyril Rd, I am concerned more through traffic in an already busy street; more danger for our local children on roads as they play in parks and community centre
40	Mostly Agree	All good except roundabout @ Cyril Road/Kalamunda Road too many roundabouts too close together with range court/Frenan rd lights no good will stop traffic flow how about an overpass
44	Mostly Agree	It is more difficult to do a right turn out of Hawkevale + Rangeview Rd and it will be worse when the Rowe + Kalamunda Rd intersection is complete because now the light hold up the traffic
46	Mostly Agree	Ok in principle but could be improved on by this year (2020) placing 50kph restriction signs ON Kalamunda Road because soon traffic will come fast freely off new interchange with Roe Highway
47	Mostly Agree	That is a lot of roundabouts! Would have liked an explanation of the (reason) plans for Kalamunda Road ie. Reduce traffic flow in keeping as a suburb? This would make the road less of an arterial road. Is this the plan? A lot of trucks use this section of the road & would damage roundabouts very quickly.
5	Neutral	Some proposals are very sensible (e.g. realignment and roundabout at Range Ct), while others are excessive and unnecessary (e.g. roundabouts at Cyril Rd and Stirling Cres.)
19	Neutral	The more slow points on Kalamunda Rd will force traffic to use Abernethy Rd or the G E Bypass to Roe H/Way. The more slow points the less H/D traffic.
1	Mostly Disagree	Kalamunda Rd is and should be used as a higher capacity distributor rd.
2	Mostly Disagree	Too many roundabouts along Kalamunda road. The existing one at Newburn was poorly designed and drivers regularly encounter issues. Many drivers STILL don't know how to navigate them. Truck drivers mostly mount them as the design is too tight for them. There will still be plenty of trucks using Kalamunda Road due to the industrial estates at Stirling Cr and Adelaide Streets. It'll become more troublesome with roundabouts.
7	Mostly Disagree	Upset about travelling northbound.
8	Mostly Disagree	I believe that the trucks that use Kalamunda Rd are the reason the road is in such a bad state. As it is well known that roundabouts detour speeding & also excessive truck usage, Kalamunda Rd, I believe, needs a roundabout at both ends, Stirling and also Range view to make an impact of road uses.
9	Mostly Disagree	Why close Fernan? I am waiting for the day there is an accident at Stirling Crescent and Wittenoon Roads, these 2 intersections need a roundabout more urgently than Fernan Road, Cyril Road and the all the tree scraping. The roundabout at Range Court and Hawkevale Road is a long time coming. Range View Road should be a left hand turn only.
12	Mostly Disagree	Kalamunda Road is a main thoroughfare & in approx 1.5 km between Roe Highway & Stirling Crescent you plan to introduce a further 3 roundabouts (in addition to the one already at Newburn Rd/Kalamunda Rd) & a pedestrian crossing.  Based on the size of the road at present they will be relatively small in size and all they will do is create bottle necks where drivers are required to stop-wait-start, have to deal with/give way to traffic from multiple directions, and/or take unnecessary risks to get on to the roundabout which may or may not be due to their or other driver's frustrations. So how is this going to ease congestion or improve traffic flow?



18	Mostly Disagree	No need for a), b) or e). No need from 2025 for b. No need from 2035 for b) as you guys have moved this intersection three times already.
27	Mostly Disagree	There is one corner you forgot to mention - Cnr Plover Rd and Maida Vale Rd- where "KEEP LEFT" sign should be raised extensively so cars do not do a "U" turn and disrupt traffic- this happens on a daily basis.
34	Mostly Disagree	We don't believe Kalamunda Road needs all those roundabouts, especially Cyril road and Stirling Crescent. Money should be spent elsewhere, namely the back intersection on the Maida Vale Road off ramp. We can't even get our trees trimmed properly.
42	Mostly Disagree	Due to McDonalds 24 hour operation noise from V8 cars revving & speeding down Kalamunda Rd towards Abernethy Rd all hours of the night, I feel it should be a priority!! A roundabout at Stirling Cres may deter them from skidding at high speed up the road. I am sure you could confirm this by placing a noise meter at one of the houses across from McDonalds. Roundabout may slow hoons coming out of McDonalds late at night
20	Strongly Disagree	I don't want any roundabouts on Kalamunda Rd and leave Range View Rd.
32	Strongly Disagree	Need extra two lanes from Roe Hwy to Abernathy Road. Still cannot understand why this wasn't done during the last Kalamunda rd upgrade. A roundabout at the Hawke Vale Road intersection will lead to a horrendous increase in traffic noise.

Survey Results continued

**Q3. If you would like to comment on a specific section or intersection please choose an option:**



Comments:

Respondent	Comment (sic)
<b>Section 1: Between Abernethy and Wittenoom roads</b>	
9	Why close Fernan? I am waiting for the day there is an accident at Stirling Crescent and Wittenoom Roads, these 2 intersections need a roundabout more urgently than Fernan Road, Cyril Road and the all the tree scraping. The roundabout at Range Court and Hawkevale Road is a long time coming. Range View Road should be a left hand turn only.
18	Roundabout on Stirling/ Kalamunda
19	Section 1: Wittenoom Rd roundabout?
29	Good idea
<b>Section 1A: Between Abernethy Road and Stirling Crescent</b>	
14	There needs to be a plan to ensure trucks using Stirling Cr get to Roe Hwy via Abernethy when Stirling Cr at Roe Hwy closes. Large, sometimes oversize trucks need to stay away from Kalamunda Rd
19	Round about at Stirling Crs Section
24	A round-a-bout at Stirling now not later
29	Good idea
47	Is it necessary for roundabout there with Chullwyne St right nearby?

## Survey Results continued

Respondent	Comment
<b>Section 1B: Between Stirling Crescent and Wittenoom Road</b>	
8	This is a bad area not to forget Foxton Rd being a huge impact to traffic, maybe a dual lane or oval roundabout will work.
13	Just wondering why there are no plans for a roundabout at Wittenoom Rd / Kalamunda Rd as a great deal of traffic uses this intersection?
19	Foxton Bvd?
23	Round About Section 2: Roundabout at Fernan
24	I like the latest landscaping. What are the gumtrees?
29	Good idea
<b>Section 2: High Wycombe Shopping Centre between Wittenoom Road and Cyril Road</b>	
14	There MUST be a way to force vehicles to turn left out of the shopping centre. Far too often people try to turn right out of the shopping centre and almost cause an accident because they cannot make the illegal sharp turn quickly enough. Does the shopping centre need this many entries/exits? Also, a signalised pedestrian crossing is great, but it needs to be placed correctly to ensure pedestrians will use it All: Roundabouts are the perfect solution to managing traffic flow on Kalamunda Rd. They may not be popular as people do not know how to use them, but if they are appropriately sized, they will be much better than any kind of traffic light.
17	Do away with roundabout at Kalamunda Road and Newburn Road and replace with traffic lights and pedestrian crossing with lights. No roundabout at chipping drive, too close to Roe Hwy lights. There is enough hold ups with all the roundabouts you propose, so think carefully as drivers do not know how to use roundabouts. Traffic lights are the positive way to go, if you need anything, and drivers know what to expect.
19	Should never been built on a main road. Shire pressure
24	Fernon traffic light. What ever can be used to control the through traffic Section 2B: Once again the big and not too big trucks coming off Roe heading to the industrial in the North Eastern corner, not ours but Swan they park on Kalamunda road at the shops.
28	Definitely need a crosswalk. A lot of gophers in the area. I have macular degeneration and I am scared to cross Kalamunda Road.
29	Good idea
30	Very busy, needs something done to slow up
47	Shift the tower/pole that blocks our view of oncoming traffic when turning right into shopping centre off Kalamunda!
<b>Section 2A: Between Wittenoom Road and Newburn Road/Chipping Drive</b>	
19	Shopping centre exit
29	Excellent idea
30	Very busy, needs something done to slow up
<b>Section 2B: Between Newburn Road/Chipping Drive and Cyril Road</b>	
19	Kenneth Rd roundabout.
29	Excellent idea
30	Very busy, needs something done to slow up
47	Is another roundabout at Cyril Road necessary?? It is very close to Hankvale Rd one Cyril Road onto Kalamunda Rd is no busier than Kenneth or Foxton & there's none for Wittenoom which is even busier



## Survey Results continued

Respondent	Comment (sic)
<b>Section 3: The section between Cyril Road and Roe Highway</b>	
1	Roundabout not required at Cyril Rd just a slip lane
2	I don't understand why 2 roundabouts are required in this section. Surely the levels of traffic don't warrant this.
5	Streetscaping should be minimal- there's no justification for spending ratepayers' money for aesthetics, when it instead could be spent on practical transport solutions (e.g. converting Kalamunda Road into a dual-carriageway from Roe Hwy to Abernethy Rd)
12	<p>Specifically relating specifically the roundabout at the intersection of Kalamunda Rd &amp; Range Court. I have already had to deal with the increase in traffic volume (especially trucks) when Kalamunda Rd was upgraded so I am strongly against this proposal because of the direct &amp; significant negative impact this will have on me &amp; my property. I live at [REDACTED] which sits at the end of the court (same end as the proposed roundabout) &amp; I will be impacted more than any other property bordering the proposed roundabout or located in the court. In addition to being close to the proposed roundabout my home sits close to the front of the property which makes me more vulnerable than if it was further back. I understand you want to look after road users but it shouldn't be without regard to home owners who are directly affected who will be forced to live with the changes at the expense of their physical health and mental well-being, nor where the proposed changes may introduce more risk.</p> <p>I have made the assumption that Range Court will not only be extended but also widened to allow for optimal traffic flow to the left, right and straight ahead. This would mean that the current bus stop will need to be relocated (to?) &amp; that the trees in front of my property will be removed to allow the current footpath to be redirected along the narrow verge in front of my property. In addition to my main concerns, the removal of the trees will mean my home has nothing to block/diffuse approaching vehicle headlights at night or have some protection from the summer sun. Yes, I can close the blinds &amp; roller shutters but these both block open windows which effectively mean I have no air flow through those rooms.</p> <p>Also, your future plans refer to bike lanes and improved shared paths. Is this going to be factored in as part of this proposal or is it going to be done at a later date which may affect me even further?</p> <p>I would also like to know how you plan to address my other concerns. The increase in noise &amp; fumes entering my home from: Vehicles Idling/waiting (including loud stereos/exhausts) to turn on to Kalamunda Rd; Increased vehicle activity up/down Range Court; and Vehicles accelerating out of/braking (including hoons, trucks using exhaust brakes) approaching the roundabout. The increase in headlights/emergency service lights shining in to the front of my home at night from: Vehicles turning into Range Court from Kalamunda Rd; Vehicles driving through from Hawkevale Rd, and Vehicles coming up Range Court from Range View Rd.</p> <p>The impact to my privacy due to the close proximity of the front of my home to the footpath where people will be able to look into my living room or bedroom. It will also be impacted due to traffic flow coming closer to my side boundary where higher vehicles will be able to see over the fence and into my yard &amp; kitchen/dining area. My safety will be impacted &amp; the potential for damage to me/my car will increase as access to my property will be very close to where vehicles exit the roundabout on to Range Court.</p> <p>As I slow down, or required to stop due to my driveway being blocked, then the potential to be rear ended is very likely. There is also the increased risk of damage to my home because of an out control vehicle entering/exiting the roundabout. If this occurred then it may also affect my ability to adequately secure my home while waiting repairs. I'm sure there is more that I haven't identified that may not even be known for years (home structural integrity or land stability from vibration when building the roundabout or traffic vibration) but just looking at the ones listed I am pretty sure that the value of my property will also decrease even after all the repairs/improvements I have made.</p> <p>Finally, I am currently able to have a skip bin for rubbish removal from the shire but these can only be positioned on the verge. So if I don't have a verge how does this work? Will this no longer be available to me? Thank you for taking the time to read this and I look forward to hearing from you.</p>
15	The position of the road into Hawkevale road is dangerous. Its original position removes the danger of cars turning into the first 2 properties on the west side of Hawkevale road. Why do you need to move its original position? This is just adding to the cost and there will be no clear advantage in moving it's position.

## Survey Results continued

Respondent	Comment (sic)
29	Excellent idea
30	Only going to get busier , but should be improved when Roe finished.
32	Should be four lanes
35	There is a bus stop at end of Range Court with parking for parents to pick up kids on bus. Can cul-de-sac and bus stop be relocated to end of Rangeview Rd
36	Cyril Road roundabout not needed
38	Less trucks and slower speed limit as cars + trucks travel well above current speed limit. The hardstand trucks do not follow the rule of entering at Kalamunda Road.
39	do u plan to landscaspe this section? Next to umina recently mulched!
46	Needs doing no later than 2022 because new Roe Highway and Kalamunda Interchange
47	1) Access needs to remain as a thoroughfare from Rangeview to Berle to Edney for reasonable access on Kalamunda Rd to go to Midland. 2) Mini shopping centre right near Roe should only have single entry/exit Road because of close proximity to new Roe/Kalamunda Roundabout.

Additional Comments	
4	What time frame are we looking for Maida Vale road path and road upgrade.
5	High Wycombe is looking good, the community is getting stronger we just need a council to get strong with us.
7	The only way i will accept a roundabout at Range Ct is if there is a ramp on Maida Vale Rd Northbound built prior!
9	Who of the persons wanting these changes actually use these roads every day. We the residents do and know.
11	Again, as in Qld signage, I am going to request that roundabouts have suggested 30kmp/h (eg) and give way signage. If the roundabouts are installed and traffic is required to slow down (this is just not happening at the Newburn / Kalamunda Rds intersection) then drivers will already be alert enough to give way at a pedestrian crossing. So many traffic lights in WA are set to waste time and vehicle emissions. Roundabouts work! But only when made properly. Please invite me to come and explain our driver frustrations!
15	Will you be applying to stop the trucks using Kalamunda road as a shortcut. They have ample alternatives without using Kalamunda Road.
16	As well as improved road system it will be nice to have native landscaping same as what has been done between Stirling Cres and Wittenoom Rd.

## Written Submission

One written submission was received. The comments from the submission are included verbatim with identifying details redacted.

Respondent	Comment												
1	<p>Thank you for the opportunity to give a local point of view on this proposal. I have lived in [REDACTED] for 19 years and intend to live here for another 40+ years. That is why I have found it necessary to comment on the proposed changes.</p> <p>I filled out the initial survey and have spent a lot of time reading through both the results and the concept proposed. I also spent a significant amount of time looking at the traffic analysis for the area conducted by two consulting companies working on different developments in the area.</p> <p><b>Traffic Study</b></p> <p>The traffic study on this project states that the road in its current form is at the design capacity of 15000vpd. I have removed the crash stats for the Kalamunda/Roe hwy intersection, as these have already been addressed by the current grade separation project underway. I also removed Kalamunda/Abernethy rd stats as this intersection not changing.</p> <p>The crash history highlights are as follows.</p> <table border="1"> <tr> <td>Newburn/Kalamunda/Chipping rds</td> <td>39 crashes</td> <td>0 hospitalisation</td> <td>9 medical treatment</td> </tr> <tr> <td>9 other Minor intersections</td> <td>19 crashes</td> <td>1 hospitalisation</td> <td>3 medical treatment</td> </tr> <tr> <td>Mid block crashes</td> <td>37 crashes</td> <td>2 hospitalisation</td> <td>8 medical treatment</td> </tr> </table> <p>The interesting facts out of the crash stats is that only 2 crashes were right angle collisions and only 1 crash involved pedestrians. The reasoning for the extensive use of roundabouts in this concept is explained as reducing right turn crashes. The crash heat map shows that 41% of the crashes occurred at a roundabout at Newburn/Kalamunda/ Chipping roads.</p> <p>If you look at what is proposed to occur at specific intersections, I would like to highlight the following:</p> <p><b>Kalamunda/Stirling cr intersection</b></p> <p>The proposed roundabout is much larger than at the other intersections as it states that it is designed to cater for the swept path of a 19m prime mover and semi trailer as of right vehicle. As it is an "as of right vehicle", it is permitted on any road in the network, so I would have thought that all of the roundabouts would have to be this size. If an as of right vehicle can negotiate the other roundabouts, then why does this one need to be so large?</p> <p><b>Shopping centre driveways</b></p> <p>The swept path analysis indicates that the right turn movement into High Wycombe Shopping Centre can accommodate an 8.8m design vehicle at both access 2 and 3. My experience as a driver gives me the knowledge that a vehicle takes as much, or more room to turn left than it does to turn right. I assume that the vehicles entering will be leaving at some stage, so why is there no swept path analysis on left turns. It is also my understanding that Coles 19m Prime mover and semi trailer delivery trucks exit the shopping centre at driveway 2, which is a left turn only driveway. How do they manage to get out without running over things?</p>	Newburn/Kalamunda/Chipping rds	39 crashes	0 hospitalisation	9 medical treatment	9 other Minor intersections	19 crashes	1 hospitalisation	3 medical treatment	Mid block crashes	37 crashes	2 hospitalisation	8 medical treatment
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**Written submission**

Respondent	Comment (sic)
<p>1 Continued</p>	<p><b>Cyril Rd Roundabout</b></p> <p>The report states that "It should be noted that access to Lot 57 and Lot 503 be facilitated directly into the new roundabout proposed at Kalamunda/Cyril rd intersection as illustrated at figure 19"</p> <p>Having sat in the Council chamber at a meeting regarding Welshpool/Lewis rd, it was proposed to have a roundabout to provide access to a private property. The answer given by the City Officer was "a private driveway onto a roundabout would not happen anywhere" There are 2 private driveways onto the roundabout and 2 more on the approach. This seems very dangerous to me.</p> <p><b>Hawkevale/Range ct Roundabout</b></p> <p>There was a transport impact assessment conducted by Shawmac in 2019 had the current vpd on Kalamunda rd measured at 16120. With the developments approved in Karingal Green, it was estimated to rise to 16654 vpd. The study states that "No additional potential road accidents are expected to occur due to the added traffic volume" it also states that "The intersection operates within capacity during Am and Pm peaks and will continue to do so with the approved developments." I use this intersection multiple times a day and the only issue I have ever had is vehicles queuing across the intersection at Pm peak. Again this will not happen once the grade separation is completed.</p> <p>By opening Range Ct and closing Rangeview rd, you will be completely changing the flow of traffic from Edney rd to Rangeview Rd. As there is already traffic calming devices on Rangeview rd, there has clearly been a traffic issue and complaints on this road in the past.</p> <p><b>Bus Embayments</b></p> <p>It is proposed to remove all bus embayments except those located at the shops. It states that "Buses stopping in the lane of traffic have been used in several situations to assist with road calming measures." Is that what we want on a road that will see an increase in frequency of buses due to the railway station and on a road that is currently functioning above design capacity?</p> <p>It is also recommended that the proposed bus embayment to the west of Cyril Road (westbound direction) be retained in order to reduce the potential impact of this bus stop on traffic operations at the Kalamunda Rd/Cyril Road intersection. Why isn't the same applied to the bus stops on the eastern side of the Hawkevale roundabout.</p> <p><b>Cycle Lanes</b></p> <p>There are 2 types of cyclists, Commuters and Recreational Cyclists. According to Ausroads guide to road design part 4b - roundabouts may not be as safe for cyclists as other road users. The changes to cycle conditions proposed leave big sections of Kalamunda road without a cycle lane. A commuter will not go from on road cycling to path cycling 4 times and contend with numerous cross streets and driveways in the length between Abernethy and Roe Hwy. They will stay on the road and be faced with numerous pinch points at roundabouts and traffic islands.</p> <p><b>Timeline</b></p> <p>The project timeline proposes that the first work will occur between Cyril rd to Roe Hwy. This section of road already has a Shared path and on road cycling lanes on both sides of the road. Section 1 that has no footpath or on road cycle lane will not get any improvement until 2030 or later.</p>



Written submission	
Respondent	Comment (sic)
1 Continued	<p><b>Conclusion</b></p> <p>When I filled out the initial survey for this project, I was presented with pretty pictures and asked to choose how I would like the road to look. There was not one roundabout in any of these pictures and it was the City of Kalamunda who suggested roundabouts for this section of road, not Cardno who were the hired experts for this project. With the Grade separated intersection currently under construction, combined with this proposal, there will be a total of 6 roundabouts in under 2km of road. I would have thought that the lesson on roundabouts on Kalamunda road would have been learnt from the hundreds of thousands of dollars spent and multiple attempts on the Newburn/ Kalamunda/Chipping intersection.</p> <p>This road will have buses stopping in the lane causing tailbacks across intersections and cyclists zig zagging on and off the road trying to avoid being crushed by buses, trucks and cars.</p> <p>It is proposed to spend over 17 million dollars on a road to make it inconvenient for trucks that have as much right to use the road as cars, cyclists and pedestrians. This road will have no increased capacity and no room for expansion in the future.</p> <p>The explanation that will be given is that "this is just a concept", but based on the turnover of staff at the City of Kalamunda in the last five years, by the time this is completed, no one that approved this concept will be around to explain it and it will be the residents left with a grid locked and dangerous road post 2032.</p> <p>While I concede that this road does need some improvement and I have lost the battle for a dual carriageway, I would like to see this road as a single lane each way with bus bays and a continuous cycle lane the entire length.</p>