

Minutes of a Wānaka-Upper Clutha Community Board Workshop

Thursday, 13 June 2024 at 10.00am
Meeting Room, Wānaka Recreation Centre, Wānaka

Present:	Mr Simon Telfer (Chair)	Councillor Barry Bruce
	Councillor Lyal Cocks	Mr Chris Hadfield
	Councillor Cody Tucker	Mr John Wellington
Apologies	Ms Linda Joll	
In attendance:	Councillor Quentin Smith	Ben Greenwood
	Simon Mason	Jon Winterbottom
	No members of the public	No members of the media

No.	Agenda Item	Action
1.	<p><u>Minor Improvements Programme Update</u></p> <p>The purpose of this briefing was to provide an update on projects being delivered under the 2021-24 minor improvements programme, to outline the draft programme as submitted to NZTA for 2024-27 minor improvements programme and approach for delivery, and to gather feedback on various issues.</p> <p>Mr Ben Greenwood spoke to a PowerPoint. Mr Greenwood and Mr Simon Mason responded to questions.</p> <p>Staff clarified that the proposed ‘peanut’ roundabout for the Ballantyne Road/Golf Course Road intersection was included in the programme submission for 2024-27 but indicated that they were waiting to hear whether NZTA would contribute funding to that project.</p> <p>Staff indicated that by August/September they should know how much funding NZTA would provide and noted that, if QLDC received substantially less than requested then they would consult the Wānaka-Upper Clutha Community Board (the Board) about which projects to prioritise.</p> <p>Staff sought the Board’s feedback on priorities for the following: a) a general Wānaka ward item for school safety to fill in missing footpath crossing points and other safety features), and b) potential crossing points around the Wānaka CBD which any</p>	<p>Board to review requests for feedback at Planning & Review meeting, and then to pass on their feedback and recommendations to staff.</p> <p>Staff to provide next update in September or October once funding picture is clearer.</p>

No.	Agenda Item	Action
	<p>planned interventions under the minor improvements programme needed to be reviewed in terms of scope and timing against the Network Optimisation business case.</p> <p>Staff also sought feedback on the Board's priorities for small projects so that when funding was approved they could come back to the Board with an aligned list of recommended/priority small projects.</p> <p>Attachments: <i>Attachment A: Slides to be presented on the day (see attached).</i></p>	

The workshop concluded at 11.02am.

WUCCB update June 2024

Low Cost Low Risk / Wanaka Active travel PROGRAMME

ROAD TO ZERO/LCLR 2021-24 – Project List

Wanaka	Queenstown
Rata Street Safety Improvements	Glenorchy Safety Barrier Package
Golf Course/Ballantyne Rd Intersection Improvements	Hawthorne Drive Signals
Mt Aspiring Corridor Safety Improvements	Arrowtown Traffic Calming
Tuohys Gully to Ski Field Intersection Improvements	Lower Shotover Rd Safety Improvements
Cardrona Village Improvements	School Safety Improvements
Anderson/Aubrey Intersection Improvements	
Ballantyne / Riverbank Intersection Improvements	
Capell Ave/Domain Rd Intersection Improvements	
Non Road to Zero Funded	
Schools To Pool Active Travel Path	
Anderson Road Active Travel Path	

ROAD TO ZERO WANAKA - Anderson /Aubrey Rd Intersection



- New mini roundabout. Construction Completed late 2023. Total Value \$450k

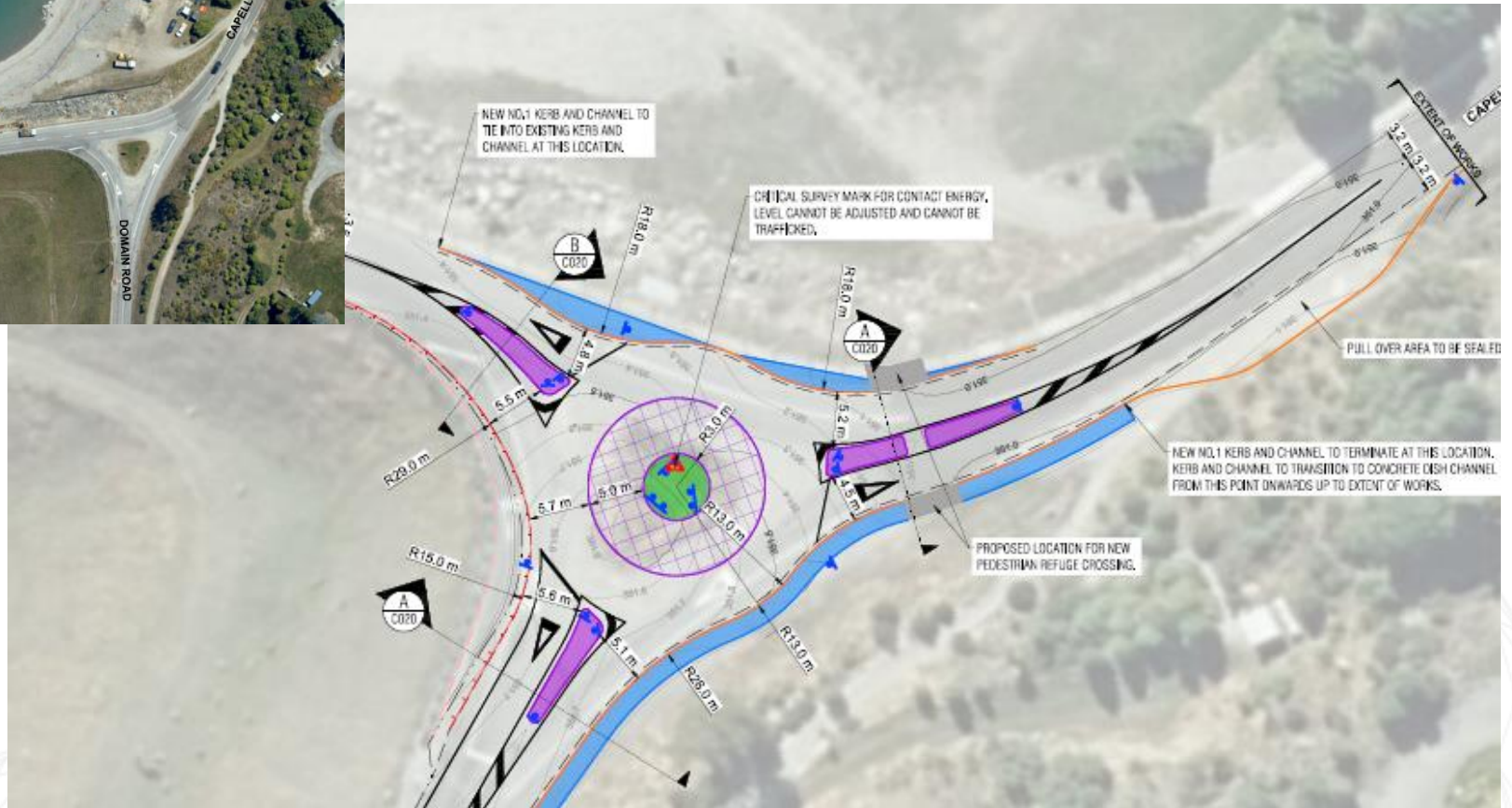
ROAD TO ZERO WANAKA - Rata Street Traffic Calming



- Traffic Calming including Raised Safety Platforms, build outs and intersection narrowing. Construction Complete early 2024. Total Value \$475k



ROAD TO ZERO WANAKA - Capell Ave / Domain Rd intersection



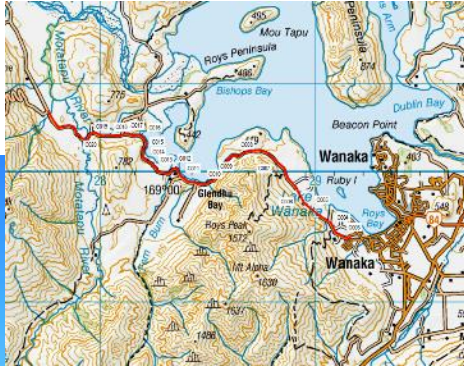
- New Roundabout. Construction Complete April 2024. Total Value forecast \$1.6m

Capell Ave roundabout

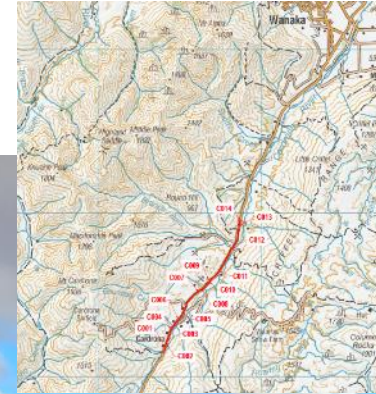


ROAD TO ZERO WANAKA - Wanaka Corridor Safety package

Mt Aspiring Corridor



Cardrona Valley Rd



- Scope included: Guard rail, Minor widening, signs, lines
- Project Complete April 2024. Total Value \$3.18m (ongoing work being completed on the Cardrona Valley Rehabilitation Site part funded by RTZ)

ROAD TO ZERO WANAKA - Ballantyne Rd / Riverbank Rd intersection



- Works under Construction. Delays due to Mt Iron Roundabout TM Clashes. Due to stop for Winter from Mid June to Mid August. Current Completion by Mid October 2024. Likely spend of around \$1.3m by end of June. Total Estimated Project Value of \$2.4m

ROAD TO ZERO WANAKA – Tuohys Gully/Ski Field/Cardrona Improvements



- New Signage (8 total) including Cardrona Thresholds, Speed feedback in Village and Active Speed at Ski Field entrance

- Maintenance Contractor instructed to install, aiming to complete during June. Total Value of Project \$160k

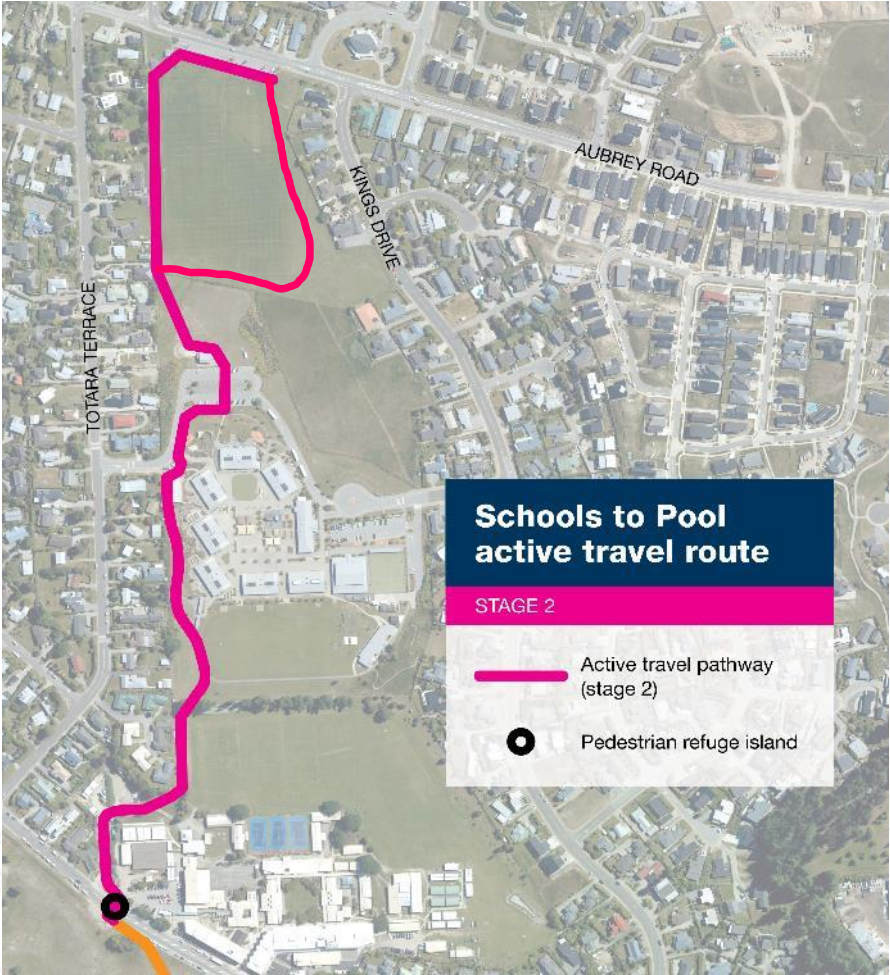
ACTIVE TRAVEL WANAKA - Anderson Road Shared Use Path



- Works complete with just minor snag items to do. Total Value \$1.6m



ACTIVE TRAVEL Wanaka - Schools to Pool – Stage 2 (Kellys flat to Plantation Rd)



- Works Complete with just minor snag items to do. Total Value \$1.0m

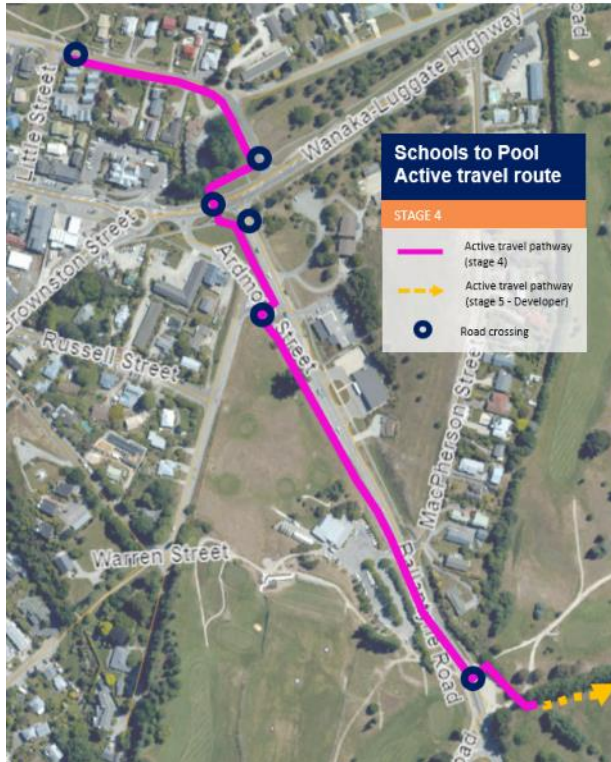
ACTIVE TRAVEL WANAKA - Schools to Pool – Stage 3 (Lismore Park to Hedditch / Little St)



- Works Complete with just minor snag items to do. Total Value \$990k



ACTIVE TRAVEL WANAKA - Schools to Pool – Stage 4 & 5



- Construction in progress. Ballantyne Rd Section largely complete. Hedditch due for completion by 7th June. SH84 Crossing and Ardmore St works due for completion by end of June. Forecast total Value \$1.9m



ACTIVE TRAVEL WANAKA - Schools to Pool – Stage 6 (Golf Course Rd)

- Based on available budget additional length of Golf Course added to the project. Widening existing path to 2.5m plus drainage improvements. Due to be complete before end of June with Chipsealing to be completed in Spring. Estimated Value \$500k



ACTIVE TRAVEL WANAKA – Aubrey / Rata Street Intersection



- Raised intersection with narrowing and safety improvements. Works complete with minor snag items to do. Total Value \$700k

ROAD TO ZERO QUEENSTOWN - Various

- Hawthorne Drive. Two new Signalised intersections with Raised Safety Platforms. Construction Complete. Total Value \$1.9m



- Glenorchy Barriers. 10.7km of new barriers complete. Additional 3km being complete over next 3 weeks. Total Value \$2.7m



- Arrowtown Traffic Calming. New speed table and mini roundabout. Construction largely complete. Total Value \$160k



- Lower Shotover Rd. Widening as part of Road Rehabilitation. Safety improvements to be complete end of June, road rehabilitation in spring. Total Value \$1.3m

Deferred Projects

Project	Comment
Crown Range Minor Widening	Lower priority for cost benefit, pushed out to later in the programme
Crown Range Barriers – Queenstown Side	Only short sections, lower priority so deferred
Malaghans Dalefield Intersection Improvements	Needs further scoping. Proposed as a RIAWS but further improvements including widening may be necessary
Memorial/Camp St Intersection Improvements	Too many clashes with Arterial project so deferred for now
Orchard Studholme Intersection Improvements	Not considered a priority at present so deferred
Speed Management Plans	Work in progress but no physical works for now
Edinburgh Drive Safety Improvements	Low \$ not high priority so deferred
Mull St/Oban St Intersection Improvements	Low priority, isolated location

LCLR Programme 2024-2027

- See attached spreadsheet for NZTA programme bid
- Further Planning to commence shortly
- Funding won't be confirmed until around Sept 2024
- WUCCB/Infrastructure committee to provide feedback on priorities, identify projects with higher level of community involvement (this session)
- Risk to full NZTA funding being approved, so key to understand relative priorities for delivery
- Planning similar approach to last LTP with bundling of projects and procuring to optimise value for money between open tender and direct award

Discussion



Asset ID	Road	Start	End	Ward Area	Site Description	Project Name	Problem Description	Estimated Cost	Solution Description	Ranking	Bundle
10825	ALISON AVENUE	10	1063	WANAKA	Allison Road & Gunn Road & Lagoon Ave & Dale Street	Allison Road & Gunn Road Review	Consistent issues with speeding on this road, as the area grows more populated this is becoming a safety issue.	\$400,000.00	Scope all these sites together and prepare recommendation for consistent treatments throughout. Check existing speeds in various locations. Need to consult with residents association on their desires. Review line markings throughout for consistency.	265	Albert Town suburb optimisation
10827	ALISON AVENUE	15	118	WANAKA	Alison Ave near shopping precinct	Alison Ave crossing infrastructure	Raised by councillors and community association for a crossing point across Alison Ave	\$120,000.00	Scope all these sites together and prepare recommendation for consistent treatments throughout. Check existing speeds in various locations. Need to consult with residents association on their desires. Review line markings throughout for consistency.	305	Albert Town suburb optimisation
10674	GUNN ROAD	273	792	WANAKA	Gunn Rd, steep hill section particularly in between the roundabout and lagoon Ave.	Gunn Rd safer infrastructure	Introduce traffic calming measures to address significant number of complaints due to vehicles speeding excessively on the steep hill section of this road. Lots of people walking with new Aubrey Road shared path & people cycling with mtb track north of rd	\$240,000.00	Scope all these sites together and prepare recommendation for consistent treatments throughout. Check existing speeds in various locations. Need to consult with residents association on their desires. Review line markings throughout for consistency.	215	Albert Town suburb optimisation
10828	SHERWIN AVENUE	2	1082	WANAKA	Whole length of Sherwin Ave, with particular focus between Aubrey Road and Sorrel/Kingfisher RBT	Sherwin Ave suburb optimisation	Some through route traffic that are speeding through residential area. Speed count data confirms this. Add matheson cres kerb ramps to Albert Town package	\$240,000.00	Scope all these sites together and prepare recommendation for consistent treatments throughout. Check existing speeds in various locations. Need to consult with residents association on their desires. Review line markings throughout for consistency.	265	Albert Town suburb optimisation
10834	BALLANTYNE ROAD	6919	6977	WANAKA	Ballantyne Road/Golf Course Road intersection	Ballantyne Road/Golf Course Road roundabout	Motorists accepting unsafe gaps in traffic due to delays. Poor protection for people walking or cycling. New signalised crossing point on Ballantyne Road cannot be relied on as it is far off desire line.	\$1,900,000.00	Compact roundabout with RSP	370	Ballantyne Road / Golf Course Road intersection
10861	RIVERBANK ROAD	2963	2964	WANAKA	Ballantyne/Riverbank intersection	Ballantyne/Riverbank compact RBT	Carry over from delays from SH upgrade	\$1,200,000.00	Compact roundabout	100	Ballantyne Road / Riverbank Road intersection
10572	BALLANTYNE ROAD	5475	6051	WANAKA	Ballantyne Rd between Sir Tim Willis Drv and Central Machine hire.	Ballantyne Rd widening around Fredrick St	Narrow, semi rural road through the more urban commercial area. particular issues turning into Fredrick St and others. See attached.	\$0.00	UPDATE: Incorporate into Urban Ballantyne Road corridor upgrade POE: Widening, including turning lanes and improve drainage/kerbing for an urban commercial road at all intersections including right turn lane at Tim Willis Dr.	265	Ballantyne Road urban upgrade
10736	BALLANTYNE ROAD	5336	6567	WANAKA	Ballantyne Road - roughly between Aurora substation and new proposed road coming in halfway between Enterprise Drive and Riverbank Road	Ballantyne Road pedestrian and cyclist crossing points	Addition to Ballantyne Road urban upgrade - Currently no ped/cyclist crossing facilities - accommodate future pedestrian/cyclists demand between new developments west of Ballantyne Road and 3 Parks/School/Recreation facility/Shops etc.	\$0.00	Incorporate into Urban Ballantyne Road corridor upgrade Several crossing points along Ballantyne Road to accommodate future pedestrian/cyclists demand between developments west of Ballantyne Road and 3 Parks/School/Recreation facility/Shops etc.	350	Ballantyne Road urban upgrade
9844	BALLANTYNE ROAD	5206	7477	WANAKA	Urban section of Ballantyne Rd between SH84 and Wastebusters	Urban Ballantyne Rd corridor upgrade (Incorporate other RAMM items along corridor into upgrade)	Ballantyne was a rural road that has had a slow build up of emergency services located at the SH84 end, and industrial developments between Golf Course and Riverbank. With more development (inc 3 parks) the use of the road has outgrown its rural design.	\$1,800,000.00	Full length of corridor to be scoped as a feasibility report/business case to identify all preferred treatment and crossing locations. Works to inc drainage, k&c, footpath etc	360	Ballantyne Road urban upgrade
10620	MACPHERSON STREET	1	464	WANAKA	Full length of MacPherson	MacPherson St traffic calming	Continual increases in traffic using MacPherson St to get from south Wanaka to north Wanaka. Sir Tim Willis Dr has not reduced traffic.	\$0.00	Safer infrastructure but check with Tony P on Single Stage Business case thinking as it may not be desirable to be slowing vehicles on this route and making it less attractive as a bypass route.	255	Ballantyne Road urban upgrade
10865	CROWN RANGE ROAD	7683	20632	WAKATIPU	Crown Range Road SH6 - Cardrona Valley Road	Crown Range Road SH6 - Cardrona Valley Road efficiency improvements	Focus on 3 locations for combined chain bay/slow vehicle bays - Eastburn Gates, Summit and Chain Bay 1. Look at options for multi use signs that can be flipped when need for chain bays. At summit look at left slip into the car park as well.	\$764,125.00	Construction of slow vehicle/passing lanes. Potential land issues at Chain Bay 1 but check. Keep lookout half way up Queenstown side on the list but not currently a priority and may have land issues.		Crown Range Road passing lanes
10288	LAKE AVENUE	164	164	WAKATIPU	Lake Ave between Beach Access Rd and Yewlett Cres.	Lake Ave traffic calming outside the FAT. Combine with other Frankton Residential area (under McBride Street) #10743	Children from Kingsview School cross Lake Ave every school lunchtime to access the reserve. Lake Ave is also being used as a rat run to avoid the Frankton roundabout.	\$0.00	Previous study report for the area to be reviewed. Any changes will be dependent on timing of detours for BP Roundabout works	280	Frankton residential area optimisation & pavement resilience
10743	MCBRIDE STREET	346	491	WAKATIPU	Frankton residential area between Frankton Road, SH 6 and Frankton Beach.	Frankton residential area pavement resilience. Loop in with BP Roundabout works	Suburb optimization and improving resilience. Deterioration of the road network, extra traffic load is wearing the pavement faster and optimization here will boost resilience of roading network.	\$800,000.00	Suburb optimisation with local area traffic management. Proactive approach to maintenance to achieve more reliable network. Previous study report for the area to be reviewed. Any changes will be dependent on timing of detours for BP Roundabout works	240	Frankton residential area optimisation & pavement resilience
10862	WAKATIPU WARD DISPATCH	0	1	WAKATIPU	Schools across Wakatipu side of district	Footpath missing links around schools impacting children safety	Some missing links, connections and/or crossing points near schools impacting children safety	\$600,000.00	Footpaths, connections and/or crossing points	230	Minor Improvements - Active Travel Wakatipu
10863	WANAKA WARD DISPATCH	0	1	WANAKA	Schools across Wanaka side of district	Footpath missing links around schools impacting children safety	Some missing links, connections and/or crossing points near schools impacting children safety	\$800,000.00	Footpaths, connections and/or crossing points	230	Minor Improvements - Active Travel Wanaka
10792	ARTHURS POINT ROAD	0	1602	WAKATIPU	Arthurs Point Road through residential area	Arthurs Point Road package (traffic calming and pedestrian crossing protection)	Become busy bypass of Frankton Road to/from QTN. Poor speed compliance and lots of cycle and pedestrian movements. Will result in minimal delays to motorists, will be beyond comparison when weighed against improved safety to vulnerable road users.	\$500,000.00	Building safer infrastructure - crossing points near bus stops	290	Minor Improvements - Wakatipu
10642	ARTHURS POINT ROAD	716	717	WAKATIPU	Arthurs Point Rd pedestrian crossing point, north of Morning Star Terrace.	Arthurs Pt Rd formal pedestrian crossing - package up with Arthurs Point Road package	Pedestrian crossing point well used for access to bus stops - primary school east side, high school west side, commuter traffic (east) and ski bus users (west). Regular walkers at all times of day between two halves of suburb. Speed limit 50 km/h.	\$0.00	Note design needs to fit in with bus stops, and could be incorporated with upgrade of west bus stop. Budget increased to also review & improv other two crossings at bus stops	305	Minor Improvements - Wakatipu
10253	BRUNSWICK STREET	0	18	WAKATIPU	Brunswick/Lake Esplanade intersection	Brunswick/Lake Esp intersection rejig	Poor crossing facility for people with disabilities or on mobility devices. Also reported multiple people driving on the wrong side of the road. + RFS RD19/0851.	\$300,000.00	relatively high priority with focus on getting peds safely across the intersection. Maybe incorporate Lake Street with a similar treatment although that is lower priority. Check development design for their access and include safe crossing of Lake Esplan	235	Minor Improvements - Wakatipu
10780	CAMP STREET(EAST)	61	61	WAKATIPU	Camp Street pedestrian crossing by O'Connells	Camp Street pedestrian crossing	Vehicles failing to give way and travelling with speeds higher than 30km/h.	\$15,000.00	Build safer infrastructure, upgrade existing crossing	295	Minor Improvements - Wakatipu
10781	CAMP STREET(EAST)	153	153	WAKATIPU	Camp Street pedestrian crossing by Ballarat Street/ANZ	Camp Street pedestrian crossing	Vehicles failing to give way and travelling with speeds higher than 30km/h.	\$15,000.00	Build safer infrastructure, upgrade existing crossing	295	Minor Improvements - Wakatipu
10789	FERNHILL ROAD	1109	1167	WAKATIPU	Fernhill Road near Cameron Place	Fernhill Road crossing point at Cameron Place	Crossing point at Cameron Place and bus stop	\$140,000.00	Check Active Travel Design to ensure it can be incorporated into the design. Line up with rehab project in a couple of years	220	Minor Improvements - Wakatipu
10785	FERNHILL ROAD	2630	2646	WAKATIPU	Glenorchy Queenstown Road / Fernhill Road intersection	Sunshine Bay Roundabout like other end of Fernhill Road	Little advance warning to intersection from GY Road approach. Hidden by horizontal and vertical crests. Awkward/low angle approach from Fernhill Road, difficult for elderly to look far over shoulder etc. Lack of safe pedestrian crossing facility.	\$1,400,000.00	Compact RBT have been successfully installed in Victoria up to 100kph - refer to VicRoads Tech Note on compact roundabouts. Must include crossing point for peds and cycles	275	Minor Improvements - Wakatipu
10298	GLENORCHY-QUEENSTOWN ROAD	7619	8307	GLENORCHY SPR	Through Wilson's Bay rec area.	Wilson's Bay vehicle management	Activity in Wilson's Bay is increasing as is traffic volumes on Glenorchy Rd passing through Wilson's Bay. Speeding and dangerous overtaking maneuvers are reportedly occurring with residents accessing properties and recreational activities on the roadside.	\$87,000.00	Potential for speed feedback signs or some other form of flashing warning signage. 60kph speed limit may also be more appropriate	300	Minor Improvements - Wakatipu
10801	HALLENSTEIN STREET	831	831	WAKATIPU	Hallenstein Street crossing by Beetham Street	Upgrade existing crossing (works have been dropped by TC arterial upgrade)	Vehicles travelling at speeds higher than 30km/h and pedestrians unlikely to survive a crash at the current travelling speeds	\$200,000.00	Build safer infrastructure, upgrade existing crossing. Review of Arterial design req. Only crossing pts oppose to whole area which gives impression of shared zone.	255	Minor Improvements - Wakatipu
10787	JONES AVENUE	250	250	WAKATIPU	Crossing point on Jones Avenue	Jones Avenue crossing near Woodstock Road	Crossing point off a inter-suburb shared path. Located just off an Urban Connector Road (secondary collector street)	\$65,000.00	Design completed - upgrade crossing point	225	Minor Improvements - Wakatipu
10554	KENT STREET (KINGSTON)	54	55	WAKATIPU	At speed limit change. (Can be within 50 m of legal change point)	Kent St threshold	Request from the community for better signage & infrastructure to promote slower speeds.	\$65,000.00	Speed limit threshold as agreed with the community.	220	Minor Improvements - Wakatipu
10782	LUCAS PLACE	293	294	WAKATIPU	Lucas Place crossing by Lakes District Hospital	Lucas Place - upgrade crossing point	Vehicles failing to give way and travelling with speeds higher than 30km/h.	\$15,000.00	Upgrade crossing point	305	Minor Improvements - Wakatipu
10695	MAN/CAMP ROUNDABOUT	25	26	WAKATIPU	Memorial Street & Camp Street (plus Man & Duke St)	Memorial Street & Camp Street intersection	Need to assess and see if there is something that can be done in advance of the DBC for the Queenstown Town Centre. Cost a little higher at \$750K to allow for some footpath widening.	\$750,000.00	Focus on getting peds and cyclists safely across intersection. Limited options for short term. Maybe only Camp Street leg that could fit a pedestrian refuge island		Minor Improvements - Wakatipu
10064	MULL STREET (EAST)	140	140	GLENORCHY SPR	Oban St/Mull St intersection	Mull Street & Oban Street Roundabout Improvements	Traffic flow and safety improvements	\$483,000.00	Upgrade existing roundabout	175	Minor Improvements - Wakatipu

10788 STALKER ROAD	465	468 WAKATIPU	Crossing point on Stalker Road	Stalker Road crossing near Tonis Terrace/Woodstock Road	Crossing point off a inter-suburb shared path. Located on Urban Connector Road. Ensure coordination with Shotover School kea crossing / ped crossing so that opportunity to deliver one at the school is not overlooked at same time. RAMM ID: 9818	\$65,000.00 Design completed - upgrade crossing point	225 Minor Improvements - Wakatipu
10268 TUCKER BEACH ROAD	1160	1256 WAKATIPU	90 degree corner on tucker beach road	Tucker Beach Rd sharp bend guardrail	Guardrail to be installed at 90 degree bend - concerned people will end up in the shotover.	\$50,000.00 2 Locations identified for guardrail, one at 90 degree bend and one closer to Queenstown opposite Manata Green.	225 Minor Improvements - Wakatipu
10742 KANE ROAD	7724	8325 WANAKA	Kane Road near Windmill Corner where there is a cluster of residential properties.	Kane Road - safety infrastructure	Speeds through this section of Kane Road are high considering the roadside environment and number of property accesses per 100m. Sight distance issues exiting properties looking out for southbound traffic.	\$100,000.00 Check what plans were through the speed limit review and what community desires are but new threshold signage and markings would be appropriate either side of the s-bends.	305 Minor Improvements - Wanaka
10717 ST NINIANS WAY	305	305 WANAKA	Outside Hawea Flat School near Partridge Road	Hawea Flat School crossing upgrade	No safe crossing point for school kids to cross St Ninians Way to access cars parked on western side of the road	\$120,000.00 Requested by school, loop back in with school on treatment	Minor Improvements - Wanaka
10655 EDINBURGH DRIVE	0	426 WAKATIPU	Edinburgh Dr from Dublin to Bolton. Please include #10716 York/Kent Street intersection in works	Speed management or down hill vehicles.	Resident of Edinburgh Dr has rung to say the safety of the road has got out of hand with people using it as a rat run and speeding down the hill.	\$100,000.00 Suburb optimization and improving resilience. Deterioration of the road network, extra traffic load is wearing the pavement faster and optimization here will boost resilience of roading network. Link with Hensman Street project	225 QT Hill residential area optimisation & pavement resilience
10795 HENSMAN ROAD	0	997 WAKATIPU	Hensman Road, Highview Terrace and Goldfield Heights	Traffic Calming and on-street parking review to improve road safety	Old style linking of all roads, results in increased traffic on residential streets. Deterioration of the road network, extra traffic load is wearing the pavement faster and optimization here will boost resilience of roading network	\$500,000.00 Behaving as a rat running arterial/collector, ONF as a local street. Increase traffic will cause more wear and tear on pavement and cost council more in the long run	255 QT Hill residential area optimisation & pavement resilience
10227 OXENBRIDGE TUNNEL ROAD	9	27 WAKATIPU	The entry to the gravel road at the southwest end of Edith Cavell Bridge that leads to the tunnel. See map.	Oxenbridge Tunnel Rd entrance protection	Downhill slope in shady section of road with unprotected drop into Shotover Canyon. Also, it is common for vehicles to park here for passengers to walk to the river or watch the boats from the bridge.	\$50,000.00 Guardrail. Priority near the intersection with Gorge Rd but also potentially extend further down the road	215 Roadside Barrier - Wakatipu
10613 CAPELL AVENUE	1297	1322 WANAKA	Capell Ave between Scotts Beach access and Skinner Cres.	Capell Ave barrier between Scotts Beach and Skinner	Steep drop off close to pedestrian path.	\$28,000.00 Suggest combined pedestrian and vehicle barrier.	300 Roadside Barrier - Wanaka
10808 ARROWTOWN-LAKE HAYES ROAD	2940	2941 WAKATIPU	Speargrass Flat Road/Hogans Gully Road intersection with Arrowtown - Lake Hayes Road	Arrowtown - Lake Hayes Road Intersection Speed Zone	Abley modelled HIGH risk of straight-through-type crashes over a 20yr period	\$250,000.00 No RIAWS as speed limit is already 70. Aim to replicate the Hunter Rd treatments on both Speargrass and Hogans Gully approaches to the intersection	265 Rural Intersection Safety Upgrade - Wakatipu
9953 MALAGHANS ROAD	3202	3256 WAKATIPU	Intersection of Malaghans & Dalefield Rd	Malaghans at Dalefield Rd intersection improvements	Car turning off Malaghans Rd into Dalefield stop in middle of road, cars following have no space to get around the stationary car waiting to turn.	\$225,000.00 Consider right turn lane and any other improvements. RIAWS may depend on any speed limit change but otherwise yes needs something	370 Rural Intersection Safety Upgrade - Wakatipu
10756 MALAGHANS ROAD	30	76 WAKATIPU	Malaghans Road intersection with Coronet Peak Road and Littles Road	Malaghan Road/Coronet Peak Road/Littles Road intersection improvements Consider Cardrona Valley Road/Cardrona Skifield Access Road intersection and Cardrona Valley Road/Snow farm Access Road	Numerous reported near misses and conflicts during the winter months. Similar issue at Cardrona Ski Field Road (& Snowfarm/TC?). Higher percentage of motorists unfamiliar with intersection/area/domestic&international tourists	\$240,000.00 No to speed RIAWS as it's a 50kph zone but potentially some form of active warning sign for the intersection. Check with Trails Trust on position of new trail next to the road and crossing point on Littles.	280 Rural Intersection Safety Upgrade - Wakatipu
10809 SPEARGRASS FLAT ROAD	0	207 WAKATIPU	Littles Road/Speargrass Flat Road intersection with Domain Road/Dalefield Road	Littles Road/Speargrass Flat Road intersection with Domain Road/Dalefield Road	Abley modelled risk band HIGH of straight-through-type crashes over a 20yr period	\$250,000.00 Possible RIAWS but is 80 already Consider installing Chevrons on the top of the T's. Islands are likely to make turning movements difficult but can be checked in design	255 Rural Intersection Safety Upgrade - Wakatipu
10807 SPEARGRASS FLAT ROAD	1366	1623 WAKATIPU	Speargrass Flat Road intersection with Lower Shotover Road/Hunter Road	Speargrass Flat Road intersection with Lower Shotover Road/Hunter Road	Abley modelled HIGH risk of straight-through-type crashes over a 20yr period	\$20,000.00 Check crash history post the most recent improvements being completed. If no history then remove this project as it looks like all that can be done has been	295 Rural Intersection Safety Upgrade - Wakatipu
10806 FAULKS ROAD	996	1066 WANAKA	Intersection of Maxwell Rd/Faulks Rd	Rural intersection improvements for at risk intersection	Rural intersection improvements for at risk intersection (Rated from Abley Report: LOW/MED). Low Medium 'straight-through' modelled crashes over 20 years.	\$250,000.00 unlikely to be sufficient traffic to warrant a RIAWS but new signage and markings would be appropriate at intersection plus possible concealed intersection signs on Faulks	230 Rural Intersection Safety Upgrade - Wanaka
10803 GLADSTONE ROAD	1375	1428 WANAKA	Intersection of Gladstone Road/Domain Road/McCarthy Road	Rural intersection improvements for at risk intersection	Rural intersection improvements for at risk intersection (Rated from Abley Report: HIGH). High 'straight-through' modelled crashes over 20 years.	\$250,000.00 Not sure enough traffic to warrant a RIAWS but some intersection warning signage would be appropriate. Check crash history to determine what type of treatment might be appropriate	280 Rural Intersection Safety Upgrade - Wanaka
10866 GLADSTONE ROAD	3672	3673 WANAKA	Cemetery Road/Gladstone Road intersection	Cemetery Road/Gladstone Road intersection signage	Missing chevron signage	\$1,000.00 install chevron signage	Rural Intersection Safety Upgrade - Wanaka
10783 ARDMORE STREET	237	243 WANAKA	Ardmore Street crossing by 4 Square	Upgrade existing crossing point	Vehicles travelling at speeds higher than 30km/h.	\$120,000.00 Implementation of outputs from Wanaka Network Optimisation SSBC	225 Wanaka TC Network Optimisation Implementation
10794 ARDMORE STREET	390	1362 WANAKA	Ardmore Street between Lakeside Road and McDougall Street (consider extending to Meadowstone Drive if feasible)	Wanaka Network Optimisation Implementation	Priority pedestrian crossings across Ardmore Street. Large nodes of lakefront - Pembroke Park - Town CBD with high pedestrian demand.	\$500,000.00 Implementation of outputs from Wanaka Network Optimisation SSBC. Check with Parks that locations align with events etc. Loop in with Tony P	290 Wanaka TC Network Optimisation Implementation
10800 DUNGARVON STREET	9	10 WANAKA	Dungarvon Street near Ardmore Street	Dungarvon Street existing crossing point upgrade	Poor pedestrian crossing protection across Dungarvon Street	\$120,000.00 Implementation of outputs from Wanaka Network Optimisation SSBC	290 Wanaka TC Network Optimisation Implementation
10799 DUNMORE STREET	13	14 WANAKA	Dunmore Street near Dungarvon Street	Dunmore Street crossing point	Poor pedestrian crossing protection across Dunmore Street at Dungarvon	\$120,000.00 Implementation of outputs from Wanaka Network Optimisation SSBC. Allow for 1 vehicle storage for vehicle turned into Dunmore and for 1 vehicle queued to turn out of Dunmore. Ensure project lines up with Wanaka TC Masterplan.	290 Wanaka TC Network Optimisation Implementation
10796 HELWICK STREET	102	123 WANAKA	Intersection of Helwick Street and Dunmore Street	Crossings at intersection (ensure project lines up with Wanaka TC Masterplan)	CBD are with lots of pedestrian movements at intersection with poor pedestrian crossing facilities and limited protection. Opportunity to improve walkability and improve pedestrian safety at intersection.	\$100,000.00 Implementation of outputs from Wanaka Network Optimisation SSBC Further investigation required if RBT is appropriate from a modelling perspective. If tight left turn swept path, consider right loop to turn left sign.	290 Wanaka TC Network Optimisation Implementation
10797 HELWICK STREET	219	219 WANAKA	Helwick Street near Brownston Street	Helwick at Brownston crossing	Poor pedestrian crossing protection across Helwick Street at Brownston	\$120,000.00 Implementation of outputs from Wanaka Network Optimisation SSBC. Allow for 1 vehicle storage for vehicle turned into Helwick and for 1 vehicle queued to turn out of Helwick. Ensure project lines up with Wanaka TC Masterplan.	290 Wanaka TC Network Optimisation Implementation
10798 HELWICK STREET	14	14 WANAKA	Helwick Street near Ardmore Street	Helwick Street near Ardmore existing crossing point	Right turning vehicles are blocking the thru and left movements and due to delays, motorists are accepting unsafe gaps in traffic	\$120,000.00 Implementation of outputs from Wanaka Network Optimisation SSBC	290 Wanaka TC Network Optimisation Implementation
10816 MCDUGALL STREET	903	904 WANAKA	McDougall Street/Brownston Street intersection	McDougall Street/Brownston Street compact roundabout	Some intersection related crashes. Delays at intersection results in motorist accepting unsafe gaps in traffic.	\$440,000.00 Compact roundabout	210 Wanaka TC Network Optimisation Implementation