
Growth and Infrastructure Committee

OPEN MINUTES

Minutes of a meeting of the Growth and Infrastructure Committee held in Council Chamber, Municipal Building, Garden Place, Hamilton on Tuesday 4 September 2018 at 9.30am.

PRESENT

Chairperson	Cr D Macpherson
Deputy Chairperson	Cr G Taylor
Members	Deputy Mayor M Gallagher
	Cr M Bunting
	Cr J R Casson
	Cr S Henry
	Cr G Mallett
	Cr A O’Leary
	Cr R Pascoe
	Cr P Southgate
	Cr L Tooman
	Cr R Hamilton

In Attendance:

- Lance Vervoort – General Manager Community
- Chris Allen – General Manager Capital Development
- Jen Baird – General Manager City Growth
- Eeva-Liisa Wright – General Manager Infrastructure Operations
- David Bryant – General Manager Corporate
- Sean Hickey - General Manager Strategy and Communication
- Sean Murray – General Manager Venues, Tourism and Major Events
- Robyn Denton – Operations Team Leader
- Emily Botje – Facilities Manager
- Stafford Hodgson – Senior Strategic Policy Analyst
- Keith Hornby – Strategic Policy Analyst
- Chris Barton – Project Development Manager
- Andrew Parsons – City Development Manager
- Fraser McNutt – Planning Guidance Unit Manager
- Karen Saunders – City Growth Group Business Manager
- Maire Porter – City Waters Manager
- Greg Carstens – Economic Growth Unit Manager
- Nicola Walsh – Communications Advisor
- Dawn Shannon – Strategic Asset and Performance Manager
- Adam Donaldson – Water Operations Manager
- Trent Fowles – Compliance Manager
- Maria Barrie – Parks and Recreation Manager
- Leigh Cornes – Project Leader Ecological Projects
- Melissa Clark – Project Engineer

Lachlan Muldowney – Lawyer for Hamilton City Council
Harry Wilson – NZTA Safety and Environment Director
Vanessa Williams – Hamilton Central Business Association General Manager
Jason Dawson – Hamilton and Waikato Tourism Limited Chief Executive

Governance Staff: Becca Brooke – Governance Team Leader
Rebecca Watson – Committee Advisor

1. Apologies

Resolved: (Crs Macpherson/Casson)

That the apologies from Mayor King and Cr O’Leary (for lateness) are accepted.

2. Confirmation of Agenda

Resolved: (Crs Macpherson/Taylor)

That the agenda is confirmed noting:

- Item 7 (Amberfield Subdivision Proposal (Peacocke)) is to be taken at 10.00am;
- Item 8 (New Zealand Transport Agency Safety Update) is to be taken at 10.30am;
- Item 9 (Hamilton and Waikato Tourism Limited – Year End report to 30 June 2018) is to be taken at 2.00pm;
- -Item 10 (Hamilton Central Business Association – Six Monthly Update) is to be taken at 11.30am; and
- Attachment 4 to Item 11 (General Managers Report) is incorrect. An updated attachment was circulated to Elected Members and is attached to these minutes.

3. Declarations of Interest

Deputy Mayor Gallagher declared an interest in relation to Item 13 (Encroachment Licence – 2 Anglesea Street, Hamilton) as he lived in the area and used to have a financial interest in 2 Anglesea Street . He would partake in the debate and vote as he was not conflicted.

4. Public Forum

No members of the public wished to speak.

5. Confirmation of the Growth and Infrastructure Open Minutes - 29 May 2018

Resolved: (Crs Macpherson/Casson)

That the Committee confirm the Open Minutes of the Growth and Infrastructure Committee Meeting held on 29 May 2018 as a true and correct record.

6. Chair's Report – Recommendation to Council

The Chair introduced his report and summarised the key points of his recommendations. He and staff responded to questions from Elected Members concerning the recommended change of Chairs for Taskforces, Personal Development budget allocation and the conference by resolution process.

Action: *Elected Members requested that some consideration be given to whether Professional Development budgets were adequate and whether the process/expectations for reporting back learnings/messages should be formalised.*

Resolved: (Crs Macpherson/Casson)

That the Growth and Infrastructure Committee:

- a) receives the report;
- b) approves 'by resolution' an allocation for one delegate to attend the WasteMinz conference including travel, accommodation and conference fees;
- c) notes that all Councillors deciding to attend the Conference will receive an equal share of the above allocation, with the balance of their costs met from their 'by choice' training and conference budgets;
- d) notes that governance staff will manage this process; and
- e) recommends to the Council that it appoints Cr Mark Bunting as Chair of the Access Hamilton Taskforce in place of Cr Dave Macpherson and appoints Cr Siggie Henry as Chair of the Waste Minimisation Taskforce in place of Cr Mark Bunting.

7. Amberfield Subdivision Proposal (Peacocke)

The General Manager Growth introduced the item. Lachlan Muldowney (Lawyer for Hamilton City Council) provided a brief overview as to the purpose of the report, which was for Elected Members to advise of matters they would like staff to consider concerning the Amberfield Proposal. Staff responded to questions from Elected Members concerning the consent conditions process versus the Resource Management Act process.

Elected Members noted the following points for staff to consider:

- size of the esplanade;
- construction order;
- rubbish and recycling amenities;
- road development being completed in line with the southern links development project;
- bridges;
- transportation infrastructure considerations;
- covenants; and
- Bader Street traffic diversion issues.

Resolved: (Crs Bunting/Mallett)

That the Growth and Infrastructure Committee receives the report.

Cr Pascoe left the meeting (10.15am) during the discussion of the above item. He was not present when the matter was voted on.

8. New Zealand Transport Agency (NZTA) Safety Update

Harry Wilson (Safety and Environment Director) provided an update in relation to NZTA Safety and Environments. He noted that safety was a key issue for NZTA as on average 7 people die each week on NZ roads and 54 are injured. Mr Wilson responded to questions from Elected Members concerning the following:

- consultation requirements;
- driver training;
- reduction of deaths and serious injuries;
- statistics regarding impairment from legal and illegal drugs;
- methods to reduce risks on the road; and
- driver distraction.

Resolved: (Crs Mallett/Macpherson)

That the Growth and Infrastructure Committee receives the report.

Cr Pascoe re-joined the meeting (10.22am) during the discussion of the above item. He was present when the matter was voted on.

Cr O'Leary joined the meeting (10.30am) during the discussion of the above item. She was present when the matter was voted on.

The meeting adjourned (11.19am – 11.35am).

9. Hamilton Central Business Association (HCBA) - Six-Monthly Update

Vanessa Williams (HCBA General Manager) and Mike Neale (HCBA Trustee) provided a brief update on CBD developments. They responded to questions from Elected Members concerning the composition of the CBD, particularly around retail, survey results which showed growth in the CBD, hotel projects in the CBD, and data available from the pedestrian cameras.

Action: Staff undertook to circulate HCBA's Financial Statements to Elected Members.

Resolved: (Crs Macpherson/Casson)

That the Growth and Infrastructure Committee receives the report.

10. General Managers' Report

It was noted that attachment 4 (Draft Discretionary Transport Programme for 2018/19) was incorrect. An updated attachment was circulated to Elected Members at the meeting and was to be attached to these minutes.

Growth Indicator Report

The Senior Analyst introduced this section of the report and noted that Elected Members would get further opportunity at an upcoming briefing to discuss the statistics/data that would be useful for them. He responded to questions from Elected Members concerning the frequency of updated statistics from Statistics NZ against council's estimates and the variance between them.

Transport Policy Document Update

The General Manager Capital Developments spoke to the report and noted that there had been a number of transport policy documents updated to align with the 2018-21 period, as referenced in the staff report. He responded to questions from Elected Members concerning prioritisation and timing of various roading projects, and the southern links development project.

Ruakura Road Stopping

The General Manager Capital Developments took this section of the report as read.

Hamilton to Auckland Passenger Rail

The General Manager Capital Development introduced this section of the report noting that the detailed passenger rail business case would be delayed by a month. He responded to questions from Elected Members concerning the potential issues identified and process followed to date.

The meeting adjourned 1.00pm – 1.45pm.

Deputy Mayor Gallagher and Cr Hamilton left the meeting during the above adjournment.

Access Hamilton

The General Manager Infrastructure Operations provided a brief update on Access Hamilton. She responded to questions concerning the Discretionary Transport programme, parking activities and the amalgamation of Parking Taskforce into the Access Hamilton Taskforce.

Road Deaths

The City Transportation Manager introduced this section of the report and responded to questions from Elected Members concerning the 'Vision Zero' target and the actions implemented as a result.

Waste Taskforce Update

The Compliance Manager introduced this section of the report and responded to questions from Elected Members concerning the reporting of actions against the plan.

Deputy Mayor Gallagher re-joined the meeting (2.02pm) during the discussion of the above section of the report.

Project Watershed Funding

Along with staff, the General Manager Infrastructure Operations spoke to the report. Cr Southgate noted that she had provided updates to Elected Members on the progress of the Project Watershed Committee for which she was Council's representative. Staff responded to questions from Elected Members concerning funding allocation, decision making processes and input from Hamilton City Council. Cr Southgate thanked staff working on Project Watershed for the great work they had done.

Action: *Staff undertook to provide a regular report to the Growth and Infrastructure Committee regarding projects being submitted to Project Watershed for funding consideration and to invite Elected Members to all future Project Watershed Committee meetings.*

Cr Hamilton re-joined the meeting (2.05pm) during the discussion of the above section of the report.

Resolved: (Crs Macpherson/Casson)

That the Growth and Infrastructure Committee:

- a) receives the report; and
- b) appoints Councillors Macpherson and Tooman to work with staff to develop and approve the formal submission on the draft 2018-28 Regional Public Transport Plan; and
- c) notes that Council's submission on the draft 2018-28 Regional Public Transport Plan will be reported retrospectively at a future Growth and Infrastructure meeting.

11. Hamilton and Waikato Tourism (HWT) Limited - Year End report to 30 June 2018

Jason Dawson (HWT Chief Executive) and Annabel Cotton (HWT Board Chair) spoke to their presentation. They responded to questions from Elected Members concerning major attractions in the Waikato, Hobbiton, visitor brand, and major events.

Resolved: (Crs Macpherson/Mallett)

That the Growth and Infrastructure Committee receives the report.

12. Gordonton Thomas Intersection - Progress Update

The Capital Projects Manager introduced the report and responded to questions from Elected Members concerning land ownership, lease agreement, timing, and powerlines.

Resolved: (Crs Bunting/Casson)

That the Growth and Infrastructure Committee:

- a) approves the lease of approximately 350m² from CDL Land New Zealand Limited for a period of no greater than 25 years at an annual rental of \$1.00pa, to provide vehicle access to 202 Gordonton Road; and
- b) approves award of direct appointment contracts with WEL Networks Ltd. to relocate WEL Networks assets at the Thomas/Gordonton intersection, as required for the construction of the new signalised intersection, to a value of \$375,000.

13. Encroachment Licence - 2 Anglesea Street, Hamilton

The General Manager Capital Programmes spoke to the report requesting a deferral.

Resolved: (Crs Macpherson/Taylor)

That the Growth and Infrastructure Committee defers the Encroachment Licence – 2 Anglesea Street, Hamilton report for consideration at the 23 October 2018 Growth and Infrastructure Committee meeting.

14. Hamilton City Guide Signage

The report was taken as read. Staff sought direction from Elected Members concerning the signage convention for the Hamilton Ring Road.

Motion: (Crs Macpherson/Taylor)

That the Growth and Infrastructure Committee:

- a) confirms the Waikato Expressway exit signage strategy for exits points into Hamilton as shown in Attachment 2 to this report;
- b) approves retaining the Hamilton urban route no's 4 and 9 and removal of all other urban route signage;
- c) approves the Hamilton Ring Road as a named route (Wairere Drive, SH 1 Cobham Drive, SH 1 Normandy Drive, SH 1 Lorne Street, SH 1 Kahikatea Drive, SH 1 Greenwood Street, SH 1 Lincoln Street and SH 1 Mangaharakeke Drive);
- d) approves the shield logo with letter **H** for the Hamilton Ring Road named route;
- e) approves the Thermal Explorer Highway route on SH 1 Mangaharakeke Drive, SH 1 Lincoln Street, Hall Street, Mill Street, Anglesea Street, Anzac Parade and Cobham Drive, SH 1 Cobham Drive and SH 1 Cambridge Road with a branch along SH3 Normandy Avenue and SH3 Ohaupo Road at the southern end of the city;
- f) approves green as the background colour for advance direction, intersection direction and confirmation direction signs in accordance with the Traffic Control Devices (TCD) Manual.

Amendment: (Crs Bunting/Casson)

That the Growth and Infrastructure Committee:

- a) confirms the Waikato Expressway exit signage strategy for exits points into Hamilton as shown in Attachment 2 to this report;
- b) approves retaining the Hamilton urban route no's 4 and 9 and removal of all other urban route signage;
- c) approves the Hamilton Ring Road as a named route (Wairere Drive, SH 1 Cobham Drive, SH 1 Normandy Drive, SH 1 Lorne Street, SH 1 Kahikatea Drive, SH 1 Greenwood Street, SH 1 Lincoln Street and SH 1 Mangaharakeke Drive);
- d) approves the shield logo with letter **HR (R as background colour)** for the Hamilton Ring Road named route;
- e) approves the Thermal Explorer Highway route on SH 1 Mangaharakeke Drive, SH 1 Lincoln Street, Hall Street, Mill Street, Anglesea Street, Anzac Parade and Cobham Drive, SH 1 Cobham Drive and SH 1 Cambridge Road with a branch along SH3 Normandy Avenue and SH3 Ohaupo Road at the southern end of the city;
- f) approves green as the background colour for advance direction, intersection direction and confirmation direction signs in accordance with the Traffic Control Devices (TCD) Manual.

Foreshadowed Amendment: (Crs Mallett/Hamilton)

That the Growth and Infrastructure Committee:

- a) confirms the Waikato Expressway exit signage strategy for exits points into Hamilton as shown in Attachment 2 to this report;
- b) approves retaining the Hamilton urban route no's 4 and 9 and removal of all other urban route signage;
- c) approves the Hamilton Ring Road as a named route (Wairere Drive, SH 1 Cobham Drive, SH 1 Normandy Drive, SH 1 Lorne Street, SH 1 Kahikatea Drive, SH 1 Greenwood Street, SH 1 Lincoln Street and SH 1 Mangaharakeke Drive);
- d) approves the shield logo with letter **HR (Solid block letters)** for the Hamilton Ring Road named route;
- e) approves the Thermal Explorer Highway route on SH 1 Mangaharakeke Drive, SH 1 Lincoln Street, Hall Street, Mill Street, Anglesea Street, Anzac Parade and Cobham Drive, SH 1 Cobham Drive and SH 1 Cambridge Road with a branch along SH3 Normandy Avenue and SH3 Ohaupo Road at the southern end of the city;
- f) approves green as the background colour for advance direction, intersection direction and confirmation direction signs in accordance with the Traffic Control Devices (TCD) Manual.

The Amendment was put.

Those for the Amendment:

Deputy Mayor Gallagher, Councillors
Bunting, Casson, Henry and O'Leary.

Those against the Amendment:

Councillors Macpherson, Mallett, Pascoe,
Taylor, Tooman and Hamilton.

The Amendment was declared lost.

The Foreshadowed Amendment was then put.

Those for the Foreshadowed Amendment:

Councillors Bunting, Casson, Henry, Mallett, O'Leary and Hamilton.

Those against the Foreshadowed Amendment:

Deputy Mayor Gallagher, Councillors Macpherson, Pascoe, Taylor and Tooman.

The Foreshadowed Amendment was declared carried.

The Foreshadowed Amendment as the Substantive Motion was then put and declared carried.

Resolved: (Crs Mallett/Hamilton)

That the Growth and Infrastructure Committee:

- a) confirms the Waikato Expressway exit signage strategy for exits points into Hamilton as shown in Attachment 2 to this report;
- b) approves retaining the Hamilton urban route no's 4 and 9 and removal of all other urban route signage;
- c) approves the Hamilton Ring Road as a named route (Wairere Drive, SH 1 Cobham Drive, SH 1 Normandy Drive, SH 1 Lorne Street, SH 1 Kahikatea Drive, SH 1 Greenwood Street, SH 1 Lincoln Street and SH 1 Mangaharakeke Drive);
- d) approves the shield logo with letter **HR (Solid block letters)** for the Hamilton Ring Road named route;
- e) approves the Thermal Explorer Highway route on SH 1 Mangaharakeke Drive, SH 1 Lincoln Street, Hall Street, Mill Street, Anglesea Street, Anzac Parade and Cobham Drive, SH 1 Cobham Drive and SH 1 Cambridge Road with a branch along SH3 Normandy Avenue and SH3 Ohaupo Road at the southern end of the city;
- f) approves green as the background colour for advance direction, intersection direction and confirmation direction signs in accordance with the Traffic Control Devices (TCD) Manual.

Crs Tooman and Pascoe Dissenting.

The meeting adjourned 3.30pm – 3.45pm during the discussion of the above item.

Cr Southgate retired from the meeting during the adjournment. She was not present when the above matter was voted on.

15. Contract 17269 - Transport Centre Refit

The General Manager Capital Programmes introduced the report and noted that approval for the increase was required as it was outside the Chief Executive's delegation. Staff responded to questions from Elected Members concerning clarification of costs and contract details.

Resolved: (Crs Tooman/Macpherson)

That the Growth and Infrastructure Committee approves the increase to the Approved Contract Sum for Contract 17269 from \$224,000 to \$300,000.

16. NPS-UDC Future Proof Quarterly Indicator Monitoring Report

The Senior Strategic Policy Analyst spoke to the report noting that the report was for the period September 2017 to March 2018.

Resolved: (Crs Mallett/Casson)

That the Growth and Infrastructure Committee receives the report.

17. Development Contributions Remissions Quarter 4 2018

The report was taken as read.

Resolved: (Crs Pascoe/Tooman)

That the Growth and Infrastructure Committee receives the report.

18. Resolution to Exclude the Public

Resolved: (Cr Macpherson/Cr Bunting)

Section 48, Local Government Official Information and Meetings Act 1987

The following motion is submitted for consideration:

That the public be excluded from the following parts of the proceedings of this meeting, namely consideration of the public excluded agenda.

The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution follows.

General subject of each matter to be considered	Reasons for passing this resolution in relation to each matter	Ground(s) under section 48(1) for the passing of this resolution
C1. Confirmation of the Growth and Infrastructure Public Excluded Minutes - 29 May 2018) Good reason to withhold information exists under Section 7 Local Government Official Information and Meetings Act 1987	Section 48(1)(a)
C2. Pukete Wastewater Treatment Plant Upgrade Contract)	
C3. Ruakura PDA Wastewater Upsizing		

This resolution is made in reliance on section 48(1)(a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 6 or Section 7 of that Act which would be prejudiced by the holding of the whole or relevant part of the proceedings of the meeting in public, as follows:

Item C1.	to prevent the disclosure or use of official information for improper gain or improper advantage	Section 7 (2) (j)
Item C2.	to enable Council to carry out commercial activities without disadvantage	Section 7 (2) (h)

Item C3. to enable Council to carry out commercial Section 7 (2) (h) activities without disadvantage

The meeting went into a Public Excluded session at 3.56pm.

During the Public Excluded session of the meeting the Committee resolved to release the following resolution to the public.

C3. Ruakura PDA Wastewater Upsizing

Resolved: (Crs Macpherson/Mallett)

That the Growth and Infrastructure Committee:

- a) approves an Approved Contract Sum for Contract 16456 with Chedworth Properties Ltd. for installation of the Ruakura wastewater interceptor and upsizing of the water main of \$7,916,000;
- b) approves a Contract with Ruakura Ltd. for installation of the Ruakura wastewater interceptor with an approved contract sum of \$5,250,000; and
- c) approves the release of the resolution to the public.

The meeting was declared closed at 4.45pm.

2018/19 Safety Works Programme

	Location	Problem Description	Proposed Treatment
1.	Anglesea Street Corridor	High Collective Risk, Medium High personal risk. Pedestrian and cyclist safety issues. Public Transport user safety	Safety for all modes. Reduction in death and serious injury crashes. Various sites along Anglesea Street
2.	Tristram Street between Collingwood and Thackeray Street.	Pedestrian crossing safety, High speeds, insufficient safe gaps in traffic, inappropriate vehicle behaviour.	Pedestrian and cyclist safety Improvements e.g. raised pedestrian platform
3.	Ward Street Cycle Link	Western Rail Trail ends at Tristram Street with no safe link into the CBD	Safe cycle link into the CBD along Ward Street
4.	Victoria St outside Trevellyn Rest Home and Village	Existing Zebra Crossing unsafe, approach speeds high – high elderly users	Upgrade zebra crossing to signalised pedestrian crossing
5.	Collins Road – Deanwell Primary School	Safety for children crossing busy Collins Road at the zebra crossing	Upgrade zebra crossing to signalised pedestrian crossing
6.	Masters Ave - Hillcrest High School	Safety for children crossing the road at the zebra crossing. High use location.	Upgrade zebra crossing to signalised pedestrian crossing
7.	River Road at Alandale Retirement Village	Elderly pedestrian crossing safety, vulnerable road user safety	New signalised pedestrian crossing
8.	Grey/Te Aroha Street intersection	Cyclist injury crashes, inappropriate vehicle behaviour, insufficient safe gaps in traffic, poor pedestrian safety	Safe pedestrian crossing points, lane narrowing, raised platforms, cyclist safety through the roundabout, new cycle lane southbound etc
9.	Anzac / Memorial Drive intersection	High number of pedestrians trying to get across Memorial Drive.	Raised pedestrian Platform, improved accessibility for active modes, removal of the left turn slip lane
10.	River/Discovery Drive	Poor cyclist and pedestrian safety at roundabouts	Alternative route for cyclist to safely get past the roundabout
11.	River/Endeavour	Poor cyclist and pedestrian safety at roundabouts	Alternative route for cyclist to safely get past the roundabout
12.	Resolution Discovery	Poor cyclist and pedestrian safety at roundabouts	Alternative route for cyclist to safely get past the roundabout
13.	Knighton Normal School, Knighton Rd	Safety for children crossing the road at the zebra crossing	Raised kea/zebra crossing - platform
14.	Sandleigh Road @ Ohaupo Road	Pedestrian safety whilst crossing Sandleigh Road - high pedestrian demand area	Raised Pedestrian Platform at the entrance to Sandleigh Road and cycle surfacing
15.	Bankwood Primary & Fairfield College - Bankwood Road	Safety for children crossing the road at the zebra crossing	Raised Kea/zebra crossing, green cycle surfacing outside school
16.	Killarney Road/Ellis Street Intersection	Pedestrian Safety, inappropriate vehicle behaviour, cyclist safety.	Refuge crossing points/Throat islands on Ellis Street, green cycle surfacing plus option development
17.	Barton Street / London Street	High pedestrian crossing demand and a lack of safe crossing facility – poor access to parking on Harwood Street	Raised platform at Barton/London with build outs to narrow the road width and a throat island on Harwood Street
18.	Palmerston Street/Anglesea Street corner	High speeds around the corner and a lack of pedestrian/cyclist safety	Road marking, islands, kerb build outs, lane narrowing, street appeal.
19.	Crosby Road (Full length)	High vehicle speeds and lack of pedestrian safety and infrastructure	Pedestrian refuge islands with planting, lane narrowing, improved link to bus stops etc

2018/19 Safety Works Programme

20.	Grantham / Victoria Street	High number of pedestrians trying to get across the side road (Grantham Street).	Raised pedestrian platform Grantham, to enhance pedestrian safety.
21.	Killarney Road Pedestrian level crossing	Pedestrian Safety on approach to pedestrian level crossing	Maze on western side. Cycle green surfacing.
22.	Crosby Road/Wairere Drive/Gordonton Road Intersection	Guard Rail starting halfway through the outside of a curve. Cars driving on the shared path.	Cycle cut down realignment, path extension and guardrail extension to the straight.
23.	Grey Street near Cobham Drive (outside number 12)	Cobham Drive Underpass at Sillary Street is in. Requires improved pedestrian links to this and safety for pedestrians and cyclists	Upgrade refuge island at Grey Street
24.	Courtney Avenue and Aberdeen Drive Intersection	Difficulty for school children to cross Courtney Avenue during busy times	Throat island with a refuge point on Courtney Avenue
25.	Dominion Road (between Grange Road and Breckons Avenue)	School children are finding it difficult to cross the road	Install pedestrian island with refuge point outside # 60 Dominion Road
26.	Holmes Street at Grandview Road	Pedestrians having difficulty crossing the road at a busy time, inappropriate vehicle behaviour	Install a throat island on Holmes St with provision for pedestrian refuge point
27.	Heaphy Terrace Shops, Bader Shop and Clarkin/Heaphy Shops.	Safety around shopping precincts, vehicle speed issues.	30k threshold signage - shopping precinct.
28.	River Road and Kay Road	City growing to the north, no footpath for pedestrians to use	Temporary 2.0m unsealed footpath
29.	Wairere/Huntington Dr (West) intersection	Left Turn slip lane safety issue – right turners out of Huntington hit side on	New kerb alignment i.e. formalising the existing temporary layout in place
30.	Silverdale Road outside the shops	Existing zebra crossing has a high demand for crossing, high approach vehicle speeds and unsafe for users.	Upgrade to signalised pedestrian crossing, kerb build outs, provision for future cycle lane.
31.	Ward/Tristram Street	High number of pedestrians crossing the slip lane to gain access to the signals	Raised pedestrian platform on the slip lane to improve vulnerable road user safety
32.	Wairere to City via Claudelands	Inadequate cycle link into the city centre, poor cyclist safety	Safe cycle link from Wairere Drive to CBD
33.	Silverdale Road, Anglesea Street, Bankwood Road	Narrow and unsafe footpath.	Footpath widening works as part of the renewal programme