



**I, Kitea Tipuna, Tumu Whakarae Taupua Interim Chief Executive Officer, hereby
give notice that
Infrastructure Committee Meeting will be held on:**

Date: Tuesday, 6 April 2021
Time: 1.30pm
Location: Council Chamber, Wairoa District Council,
Coronation Square, Wairoa

AGENDA

Infrastructure Committee Meeting

6 April 2021

The agenda and associated papers are also available on our website: www.wairoadc.govt.nz

For further information please contact us 06 838 7309 or by email info@wairoadc.govt.nz

Order Of Business

1	Karakia.....	5
2	Apologies for Absence	5
3	Declarations of Conflict of Interest	5
4	Chairperson’s Announcements	5
5	Late Items of Urgent Business.....	5
6	Public Participation	5
7	Minutes of the Previous Meeting.....	5
8	General Items.....	11
8.1	Community Assets and Services Department - Update	11
8.2	3 Waters Stimulus Project Update	245
9	Public Excluded Items.....	252
9.1	3-Waters & Land Transport Contract Rollover/Procurement Review	252

- 1 KARAKIA**
- 2 APOLOGIES FOR ABSENCE**
- 3 DECLARATIONS OF CONFLICT OF INTEREST**
- 4 CHAIRPERSON'S ANNOUNCEMENTS**
- 5 LATE ITEMS OF URGENT BUSINESS**
- 6 PUBLIC PARTICIPATION**

A maximum of 30 minutes has been set aside for members of the public to speak on any item on the agenda. Up to 5 minutes per person is allowed. As per Standing Order 15.1 requests to speak must be made to the Chief Executive Officer at least one clear day before the meeting; however this requirement may be waived by the Chairperson. Requests should also outline the matters that will be addressed by the speaker(s).

7 MINUTES OF THE PREVIOUS MEETING

Ordinary Meeting - 23 February 2021

**MINUTES OF WAIROA DISTRICT COUNCIL
INFRASTRUCTURE COMMITTEE MEETING
HELD AT THE COUNCIL CHAMBER, WAIROA DISTRICT COUNCIL, CORONATION SQUARE, WAIROA
ON TUESDAY, 23 FEBRUARY 2021 AT 1.30PM**

PRESENT: His Worship the Mayor Craig Little, Cr Chaans Tumataroa-Clarke, Cr Denise Eaglesome-Karekare, Cr Hine Flood (Deputy Mayor), Mr Chris Olsen (via Zoom)

IN ATTENDANCE: **Kitea Tipuna** (Tumu Whakarae Taupua Interim Chief Executive), **Gary Borg** (Pouwhakarae – Pūtea/Tautāwhi Rangapū Group Manager Finance and Corporate Support), **Stephen Heath** (Pouwhakarae – Hua Pūmau Hapori/Ratonga Group Manager Community Assets and Services), **Luke Knight** (Kaiwhakahaere Rawa Property Manager), **Mike Hardie** (Kaiwhakahaere Hua Pūmau Huarahi (Taupua) Transport Asset Manager), **Jonny Hardie** (Kaiwhakahaere Kaupapa – Whaipanga/Project Manager – Infrastructure), **Gay Waikawa** (Kaiurungi Mana Ārahi/Governance Officer)

1 KARAKIA

Karakia was given by Mr Kitea Tipuna, Interim Chief Executive Officer

2 APOLOGIES FOR ABSENCE

Nil

3 DECLARATION OF CONFLICT OF INTEREST

Nil.

4 CHAIRPERSON'S ANNOUNCEMENTS

Nil

5 LATE ITEMS OF URGENT BUSINESS

MOTION

COMMITTEE RESOLUTION 2021/46

Moved: Cr Chaans Tumataroa-Clarke

Seconded: His Worship the Mayor Craig Little

That in accordance with Section 46A (7) of the Local Government Official Information and Meetings Act 1987 the **Item 8.1 – Mahanga Water supply Closure Referendum** and **Public Excluded Item - Verbal update – Waste Water Discharge Resource Consent** be considered given the item had not come to hand at the time of Agenda compilation and consideration of this matter is required now in order to respond within the timeframe allowed.

CARRIED

The Interim CEO advised the declaration result for the Mahanga water supply closure referendum. FOR the closure of the Mahanga water supply 21 votes and AGAINST the closure 31 votes (0 informal votes and no blank votes).

Under the Local Government Act 2002, where a water service is to be closed, a binding referendum must be held with electors in the water supply area. A threshold of 75% of votes cast is required for the water service to close.

REPORT- NEXT STEPS FOLLOWING THE RESULTS OF THE MAHANGA WATER SUPPLY CLOSURE REFERENDUM.

COMMITTEE RESOLUTION 2021/47

Moved: Cr Hine Flood

Seconded: Cr Denise Eaglesome-Karekare

That a report to Council on Tuesday, 23 March 2021 on the Next steps Following the Results of the Mahanga Water Supply Closure Referendum.

CARRIED

Late Item - Public excluded – Verbal update – Waste Water Discharge Resource Consent

6 PUBLIC PARTICIPATION

None.

7 MINUTES OF THE PREVIOUS MEETING

COMMITTEE RESOLUTION 2021/48

Moved: Mr Chris Olsen

Seconded: Cr Hine Flood

That the minutes [and confidential minutes] of the Ordinary Meeting held on 3 November 2020 and the Extraordinary Meeting held on 22 December 2020 be confirmed.

CARRIED

8 GENERAL ITEMS

8.1 WATER TREATMENT PLANT - TUAI UPDATE

COMMITTEE RESOLUTION 2021/49

Moved: Cr Denise Eaglesome-Karekare

Seconded: His Worship the Mayor Craig Little

That the Committee receive the report.

CARRIED

The Pouwhakarae-Hua Pumau Hapori/Ratonga Group Manager Community Assets and Services provided an update for on-going requirements to supply safe reliable drinking water to the Tuai community.

A chlorine upgrade will be required to does the water at Tuai to minimal levels. The biggest risk Council will have in Tuai is on the homeowner's side/private connection, particularly if a house was built b

The Pouwhakarae-Hua Pumau Hapori/Ratonga Group Manager Community Assets and Services introduced Mr Jonny Hardie, Kaiwhakahaere Kaupapa-Whaipainga/Project Manager-Infrastructure who will be driving the 3 Waters \$11million stimulus package.

The Committee discussed:

- Industrial backflow inventors.
- Trade waste.

8.2 COMMUNITY ASSETS AND SERVICES DEPARTMENT - UPDATE

COMMITTEE RESOLUTION 2021/50

Moved: Cr Chaans Tumataroa-Clarke

Seconded: Cr Hine Flood

That the Committee receive the report.

CARRIED

An updated report from the Community Assets and Services department projects were presented. The projects outlined were operational activity, land transport, waste management and CAAS projects tracker (public excluded)

The Committee discussed:

- Wastewater treatment plants.
- Communication and proactive.
- Standard operating procedures.
- Pump faults.
- Expected expenditure-roading contract spend.

8.3 3 WATERS STIMULUS PROJECT UPDATE

COMMITTEE RESOLUTION 2021/51

Moved: His Worship the Mayor Craig Little

Seconded: Cr Hine Flood

That the Committee receive the report.

CARRIED

An update on the 3 waters stimulus project was presented. Project tracking spreadsheet and geobag laydown area construction for sludge dewatering was also presented.

A video of the Nuhaka River Road was shown.

9 PUBLIC EXCLUDED ITEMS

RESOLUTION TO EXCLUDE THE PUBLIC

COMMITTEE RESOLUTION 2021/52

Moved: Cr Chaans Tumataroa-Clarke

Seconded: Cr Denise Eaglesome-Karekare

That the public be excluded from the following parts of the proceedings of this meeting at 2.55pm

The general subject matter 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 of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 48 for the passing of this resolution
10.1 – Verbal Update on Wastewater Discharge Consent	<p>s7(2)(c)(ii) - the withholding of the information is necessary to protect information which is subject to an obligation of confidence or which any person has been or could be compelled to provide under the authority of any enactment, where the making available of the information would be likely otherwise to damage the public interest</p> <p>s7(2)(h) - the withholding of the information is necessary to enable Council to carry out, without prejudice or disadvantage, commercial activities</p>	s48(1)(a)(i) - the public conduct of the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist under section 6 or section 7

CARRIED

COMMITTEE RESOLUTION 2021/53

Moved: Cr Denise Eaglesome-Karekare

Seconded: Cr Hine Flood

That Council moves out of Closed Council into Open Council at 2.53pm.

CARRIED

The Meeting closed at 2.54pm.

The minutes of this meeting were confirmed at the Infrastructure Committee Meeting held on 6 April 2021.

.....

CHAIRPERSON

8 GENERAL ITEMS

8.1 COMMUNITY ASSETS AND SERVICES DEPARTMENT - UPDATE

Author: Stephen Heath, Pouwhakarae – Hua Pūmau Hapori / Ratonga Group Manager Community Assets and Services

Authoriser: Stephen Heath, Pouwhakarae – Hua Pūmau Hapori / Ratonga Group Manager Community Assets and Services

Appendices:

1. CAAS Project Tracker [↓](#)
2. CAAS - CSRs and Maintenance spend [↓](#)
3. 2019-20 RCA Report - WDC [↓](#)
4. 2019-20 RCA Report - Simplified [↓](#)
5. Waka Kotahi CE Update [↓](#)
6. Photos - Property [↓](#)
7. Photos - Land Transport [↓](#)
8. Wastewater overflow comms plan [↓](#)
9. Sealed Road Roughness Report [↓](#)

1. PURPOSE

- 1.1 This report provides information for Committee on Community Assets and Services (CAAS) department projects.
- 1.2 No decisions are required by Committee at this stage.

RECOMMENDATION

The Pouwhakarae – Hua Pūmau Hapori / Ratonga Group Manager Community Assets and Services RECOMMENDS that Committee receive the report.

2. BACKGROUND

- 2.1 This report forms a summary only of projects “at a glance”. Additional reports will continue to be provided where further direction is sought from Infrastructure Committee.
- 2.2 As a general rule, projects valued under \$100,000 will be reported by exception only.

3. DIRECTION

- 3.1 This section will outline the direction that Infrastructure Committee & Council provide CAAS. It will outline how projects align with Council’s direction and how these projects are being delivered in line with relevant policies and strategies i.e., Infrastructure strategy, procurement guidelines, AMPs, LTP, Annual Plan.

4. MONITORING

- 4.1 This section will refer to the project dashboard at Appendix 1. Any project areas such as budget or delivery that are highlighted Amber or Red in the dashboard will be commented on here. (please note this project dashboard forms part of an Excel spread sheet capturing all project activities, Property, Land Transport, 3 Waters)

- 4.2 Appendix 2 Monitoring report shows current spends on operational budgets and a summary of CSR data for 3 main area spends: Land Transport, 3 Waters, Property.

5. RISKS

- 5.1 This section will refer to the project dashboard at Appendix 1. Any risks outlined will be summarised with mitigation actions outlined. This will focus on the high or extreme risk levels.

6. RESOURCES

- 6.1 This section will discuss levels of resourcing such as budget, equipment, contractors or staffing.
- 6.2 Land Transport – a busy few months ahead coming to the end of the National Land Transport funding period (June 30th 2021), working with a range of contractors to ensure all projects are completed. A major project to get completed by June 30th is the next section of piping the Kitchener Street drain, from Clyde Road corner to the first hospital entrance closest to Clyde Road. This project has commenced physical works.

7. GENERAL



- 7.1 2019/2020 Wairoa District Council RCA Report – The Road Efficiency Group (REG) has delivered this report to the CEOs and Mayors around the country. This is attached to this report (2019-20 RCA Report – WDC), along with a simplified summary which is a lot easier and clearer to read than the reports with comments from the Transport Asset Manager (2019-20 RCA Report – Simplified and Comments). Overall, this report sees an improvement, but there are still some areas to improve on.
- 7.2 2020/2021 Sealed Road Roughness Report – Please see attached. This is a very comprehensive annual roughness survey of our sealed road network. This is an annual performance measure. The measure is an average NAASRA count of 110 or less. Our score is 97, but please consider the following points:
- 7.2.1. There is a second consecutive annual increase in average network roughness, after a downward trend for the previous 10 years.
- 7.2.2. There is a 6 lane-km increase in the length of the network exceeding 150 NAASRA. 5.99% of the network now exceeds 150 NAASRA
- 7.2.3. There appears to be an increase in roughness on roads that service forestry operations and Rocket Lab (Mahia East Coast Road) but there is also an increase in the Urban areas.

This report supports the key points of the 2021-2024 AMP regarding increasing demand on the network which is leading to increased asset consumption. It also reinforces the importance of having plans in place to manage risk and level of service implications of stretching the budgets even further.

- 7.3 2021-2024 Activity Management Plan (Land Transport) – There has been some encouraging comments from our Waka Kotahi Investment Advisor around the quality of our AMP submitted for the 2021-2024 NLTP. At the end of the day, it will come down to dollars and cents available from Waka Kotahi and what is affordable for our district as to what can be delivered in this plan. Attached is a public release from the CE of Waka Kotahi in regard to some of the issues they are facing (Waka Kotahi CE Update).

- 7.4 Heavy Vehicle Routes – highlighting a developing risk – over recent months the Land Transport department has seen an increased number of complaints and request for improvements on heavy vehicle routes such as Putere Road. The tone and frequency of this is changing from collaborative and non-regular, to demanding and regular. Reading between the lines it appears there is a direct link between the new rates model and the users of these routes.
- 7.4.1. The 2021-24 AMP is based around this increasing demand, and infrastructure improvements are continually programmed around these routes.
- 7.4.2. Safety of our road user is critical on these routes, and there is concern in this area on these routes.
- 7.4.3. The approach the Land Transport department is taking is that we will continue to try and work at the operational level with these groups as we always have, try to ensure we meet our level of service requirements in maintaining trafficable and safe roads, but we need to ensure we do this in a programmed and structured way and not be reactive to this pressure we are feeling.
- 7.5 The plans for Mahia recycling site are being refined with some further discussions underway with stakeholders.
- 7.6 The Wastewater discharge consent Hearing remains adjourned while WDC prepares a response to a range of queries raised by the Hearing panel. We are also taking this opportunity to gain further feedback from the community on the scope for additional improvements, particularly greater storage and irrigation, that come at further cost to the community. At the adjournment of the hearing, the Hearing panel asked experts for both Councils and submitters to conference and refine consent conditions. This is proposed to occur 7 and 8 April. Encompassing both answers to the queries and the result of conferencing, WDC needs to provide a response to the Hearing panel by 30 June 2021. Also included in this response will be information about certainty of future works and funding for those works. The LTP consultation process and its outcomes will assist that response.
- 7.7 Meanwhile HBRC's Abatement Notices have been appealed. There is a meeting being scheduled between both councils to develop a solution, knowing that the solution may be limited by the need to have resource consents approved, which will obviously not be until after 30 June. Alongside both the consenting process and managing the abatement notices, we are waiting on guidance from the Matangirau Reserves Board on their intended process for managing the Concession application for the outfall structure. There is the possibility that we may be in a situation of having the necessary consents from the Regional Council and have to wait further for concession approval from the Board.
- 7.8 Wastewater Overflow emergency: This Wairoa District Council has developed a standard operating procedure (refer appendices 9) which outlines key steps to be undertaken in the event of a wastewater overflow emergency within the Wairoa district. The key objective is to publicise essential information in such an event, ensuring the residents, ratepayers and other affected stakeholders are fully informed of any risks to their health and safety, and to reinforce key safety messages.

Signatories

	
<p>Author Stephen Heath</p>	<p>Approved by Stephen Heath</p>

Project	Risk		Financials				Delivery			Commentary
	Raw	Res.	Budget	Variation Budget	Spend to date	Forecast spend	Delivery date	%		
Mahia East Coast Traction Sealing (PGF)			Delivery	\$ 7,000,000	\$ 8,000,000	\$ 7,700,000	\$ 8,000,000	Mar 21	95	Second coat seals remaining, forecast for April 12th.
Redeployment Package (PGF)			Delivery	\$ 2,500,000	\$ 2,800,000	\$ 2,754,000	\$ 2,800,000	Mar 21	95	The Landing, Nuhaka River Road are complete. Rangatahi Dropout has had some variations which are still to complete
19/06 Flood Damage Repairs, Area Wide			Delivery	\$ 1,297,795	\$ 1,765,000	\$ 1,742,574	\$ 1,765,000	Mar 21	95	Three sites added, guardrail to complete
19/10 Flood Damage Repairs, Mohaka Waiau Package 3			Delivery	\$ 1,017,000	\$ 1,400,000	\$ 1,330,703	\$ 1,334,703	Mar 21	99	Variations on this site, mainly scope change causing increase in price and delays in completion.
19/11 Structural Bridge Repairs 2019			Delivery	\$ 580,000	\$ 680,000	\$ 616,000	\$ 616,000	Feb 21	100	Work is completed
20/06 PGF Bridge Strengthening Package 1			Delivery	\$ 257,000	\$ 270,000	\$ 235,000	\$ 270,000	Mar 21	95	Bridge work complete, site tidy up to finish
20/08 PGF Bridge Strengthening Package 2			Delivery	\$ 317,000	\$ -	\$ -	\$ 317,000	Jun 21	5	Awarded to Ritchies Civil.
20/09 PGF Bridge Strengthening Package 3			Delivery	\$ 519,000	\$ -	\$ -	\$ 519,000	Jun 21		Awarded to QRS under the preferred supplier agreement
Clyde Road Cnr to Hospital Entrance (Kitchener Street Piping Open drain Safety Improvements)			Delivery	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000	Jun 21	5	Established site
MEC Road dropout 8.90			Delivery	\$ 120,000	\$ -		\$ 120,000	May 21		Awarded to QRS as variation under existing contract
MEC Road dropout 9.87			Delivery	\$ 195,000	\$ -		\$ 195,000	May 21		Awarded to QRS as variation under existing contract
Mahia Recycling Centre			Design	\$ 325,000	\$ -	\$ 103,000	\$ 325,000	Jun 21	10	Containers used at temp. holiday site, work ongoing to secure development of permanent site
Realign water intake pipe to WTP			Delivery	\$ 550,000	\$ -	\$ 458,140	\$ 550,000	Apr 21		Delayed due to lack of materials resource. Complete in new year.
Risk Key Low Considerable High Extreme										

CSRs

51 requests were received in February/March. 1 sewer system fault, 1 sewage, 1 sewage odor, 2 deemed general, 2 water pressure/flow, 2 stormwater/drainage, 3 sewage system blockage, 6 water mains, 10 to do with water and 23 complaints about water tobies.

Wastewater Treatment PlantsWairoa

The Wairoa was compliant for February 2020.

Tuai

The Tuai plant was non-compliant for high CODs – we have a consent limit of 42 g/m3, our sampling results were 75. Suspended solids were also non-compliant with a consent limit of 20 g/m3, our sampling showed 21.

High CODs in wastewater discharges can result in a reduction of oxygen in waterways which can be harmful for aquatic life.

High suspended solids impact UV treatment, as UV treatment requires clear water, free from any solids to work effectively.

Opoutama

The Opoutama Scheme was once again non-compliant. The Ammoniacal Nitrogen has improved from last month; however, it is still non-compliant.

High Ammoniacal Nitrogen can have major impacts on the aquatic environment. These impacts can be more algae growth, depletion of fish species and general deterioration of water quality.

To understand any impacts on the marine environment we undertake macroinvertebrate samples regularly - macroinvertebrates are organisms that do not have a spine and can also be seen with the naked eye, these include crayfish, shellfish, and worms. Macroinvertebrates are good indicators of water quality as they are impacted by any physical, chemical, and biological conditions, there is no indication that aquatic life has been impacted by these wastewater discharges.

Mahia

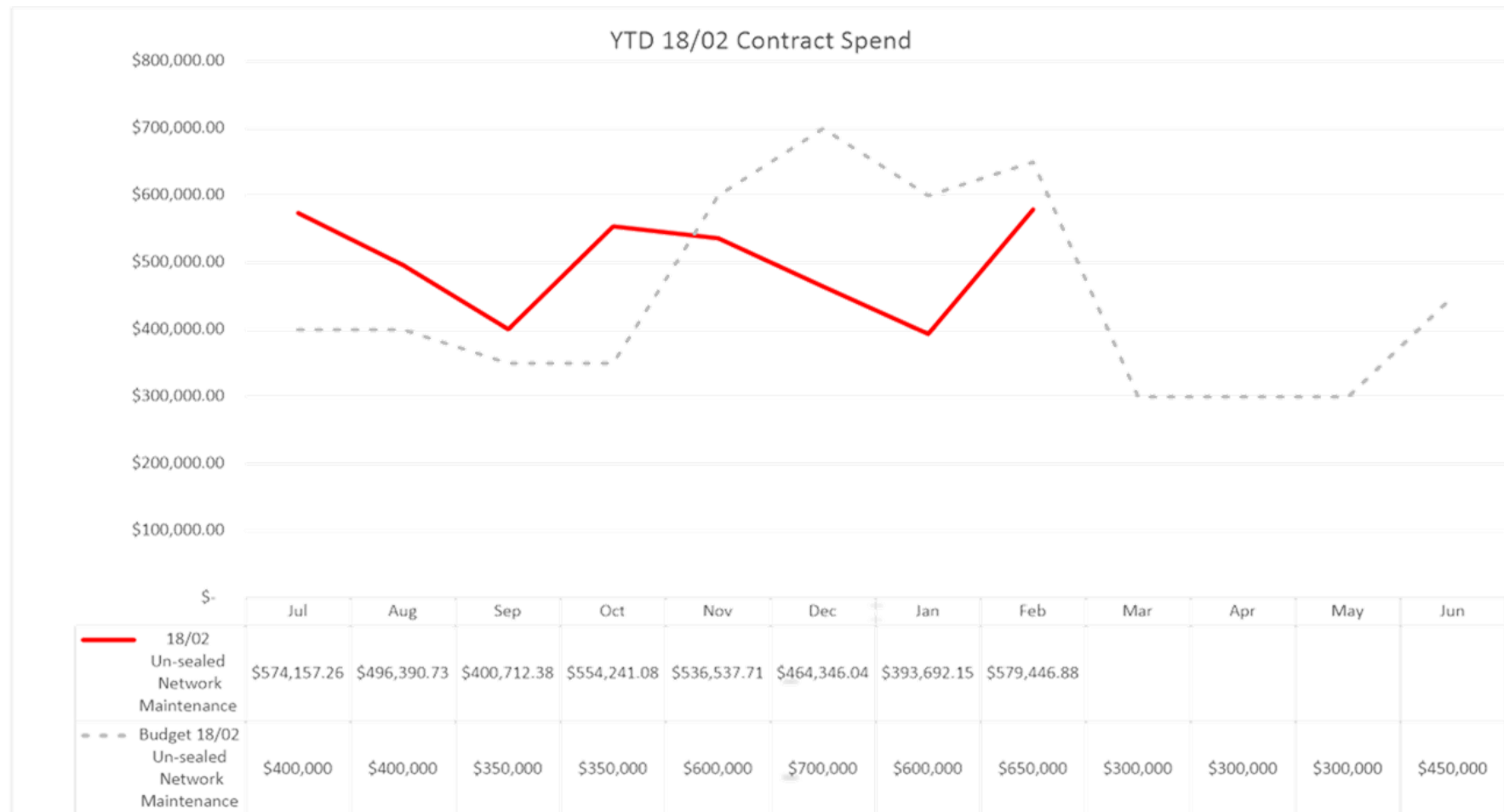
The Mahia scheme was compliant for February.

Pump Faults

4 pump faults occurred throughout February. 2 were blocked with rags and 2 pump alarms.



65 requests were received in February/March. 1 deemed general, 1 rubbish/litter, 1 contract, 2 slips/dropouts, 3 footpaths, 4 overhanging trees-paths/roads, 4 trees fallen across roads, 4 signs, 5 blocked culverts, 5 traffic safety/accidents, 6 long grass along roads/boundaries, 8 street lighting and 21 complaints about surfaces.





51 requests were received in February/March. 1 landfill, 1 rubbish collections – missed household refuse, 2 graffiti, 3 cemetery/plot enquires, 3 council offices, 3 public halls, 3 overhanging trees – paths/roads, 3 parks/reserves, 4 deemed general, 5 public toilets/rest rooms, 5 council housing & pensioner flats, 9 abandoned vehicles and 9 rubbish/litter complaints.



2019/20 Wairoa District Council RCA Report



Activity Management

Planning, Procurement and Data Quality

Activity Management Planning

Planning quality



2.7 out of 3.0

Co-investment planning quality



2.1 out of 3.0

Procurement

Smart buyer self-assessment



52 out of 70

Data Quality

Asset management at expected standard (%) and Score



Source: REG 2018 AMP Assessment, Waka Kotahi 2018 AMP Assessment

Source: RCA Smart Buyer Nov-2020 Self-Assessment

Source: REG Annual Data Quality Assessment

Service Performance

LGA Non-Financial Performance Measures

Annual Targets Achieved

	2015-25 Long Term Plan			2018-28 Long Term Plan	
	2015/16	2016/17	2017/18	2018/19	2019/20
Provision of roads and footpaths					
Road safety					
Condition of the sealed road network					
Maintenance of the sealed road network					
Condition of the footpaths within the local road network					
Response to service requests					

Source: TA Annual Reports

● Target achieved
 ● Partially achieved
 ● Target not achieved
 ● Not reported

Co-Investor Assurance

Investment Performance

Investment Audit (Four Grades)

Contract Management	
Financial Management	
Procurement	
Professional Services	
Previous Audit Issues	

Technical Audit (Four Grades)

Activity Management Planning	
Data Quality	
Network Condition and Management	
Road Safety	
Previous Audit Issues	

Three grades:

- Effective
- Improvement needed
- Unacceptable
- Not available

Four grades:

- Effective
- Some improvement needed
- Significant improvement needed
- Unacceptable
- Not available

Source: Waka Kotahi, Audit and Assurance, Investment Audit Report Mar 20

Source: Waka Kotahi, Audit and Assurance, Technical Audit Report

Delivery

Expenditure, Funding, Cost Efficiency and Valuation

\$48.4M (64.5%)

Total 2018-21 NLTP Budget (\$M)/
Total Budget Spent (%)

Co-Invested Expenditure

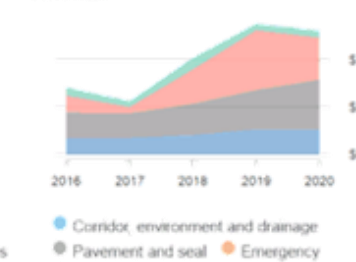
All transport activities



New roads and road improvements (>\$1M ea)

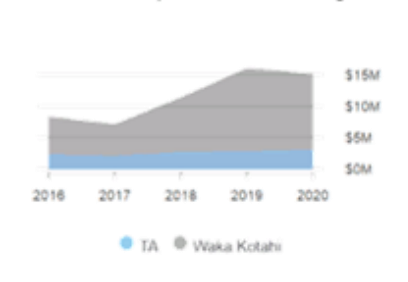


Road maintenance, operations and renewals



Funding

Co-invested expenditure and funding



Activity Class Expenditure

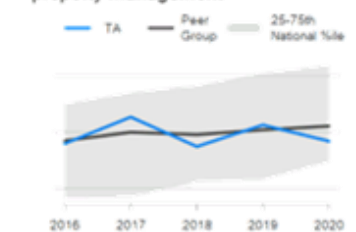
Road safety promotion



New and improved walking and cycling facilities (excl. low cost <\$1M, low risk)

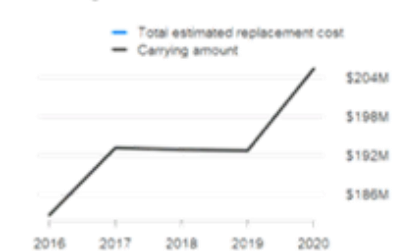


Investment management, network and property management



Valuation

Rooding assets



Cost Efficiency

Total expenditure / length (\$1,000 / km)



Maintenance, operations and renewals expenditure / length (\$1,000 / km)



Source: Waka Kotahi Data and Tools

Achievements

Works Completed, Amenity and Road Condition

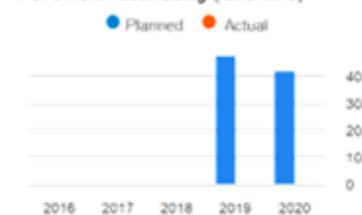
1.9% ↑ Ride Quality (STE)

Works Completed

Pavement rehabilitation (lane kms)



Pavement resurfacing (lane kms)

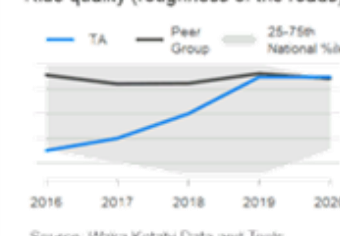


Percentage of network renewed



Amenity (Sealed Roads)

Ride quality (roughness of the roads)



Source: Waka Kotahi Data and Tools

Peak and average road roughness (NAASRA) (peer group lighter)



Source: REG ONRC Performance Measure Reporting

Road Condition (Sealed Roads)

Pavement condition

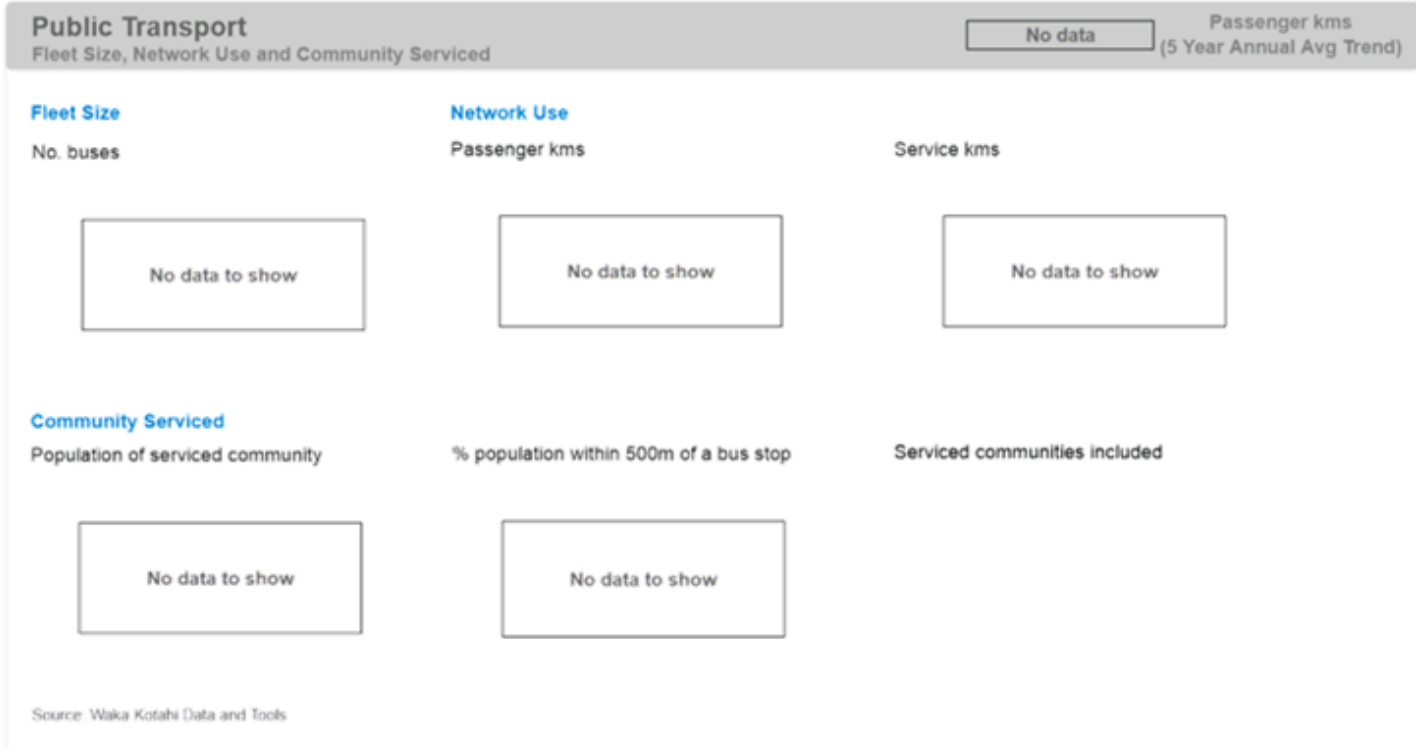
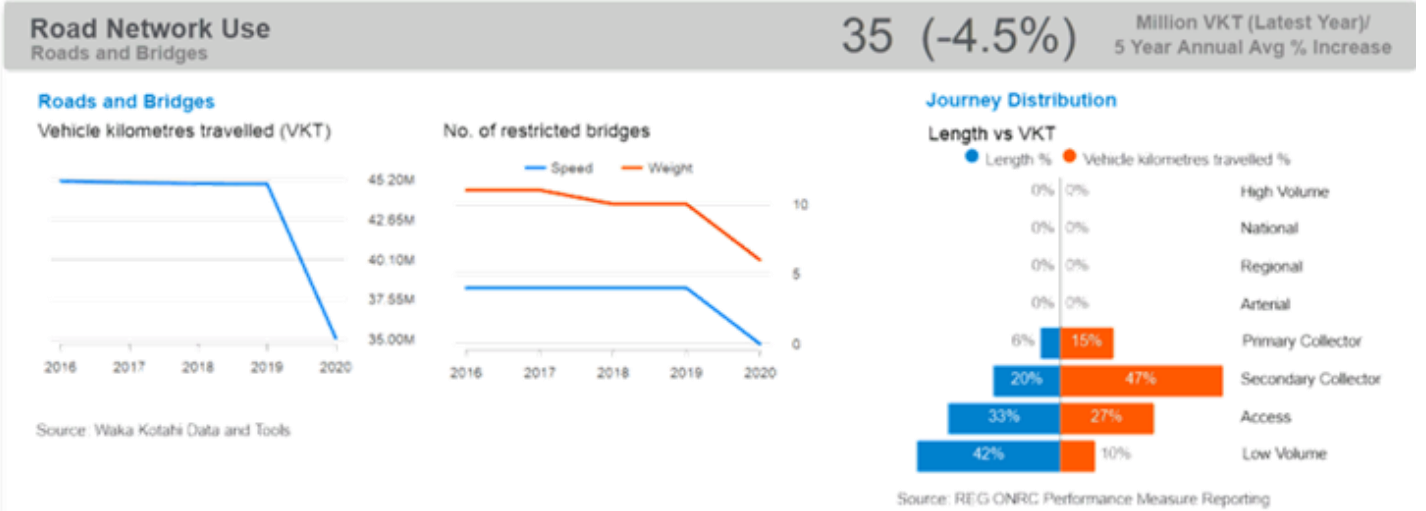
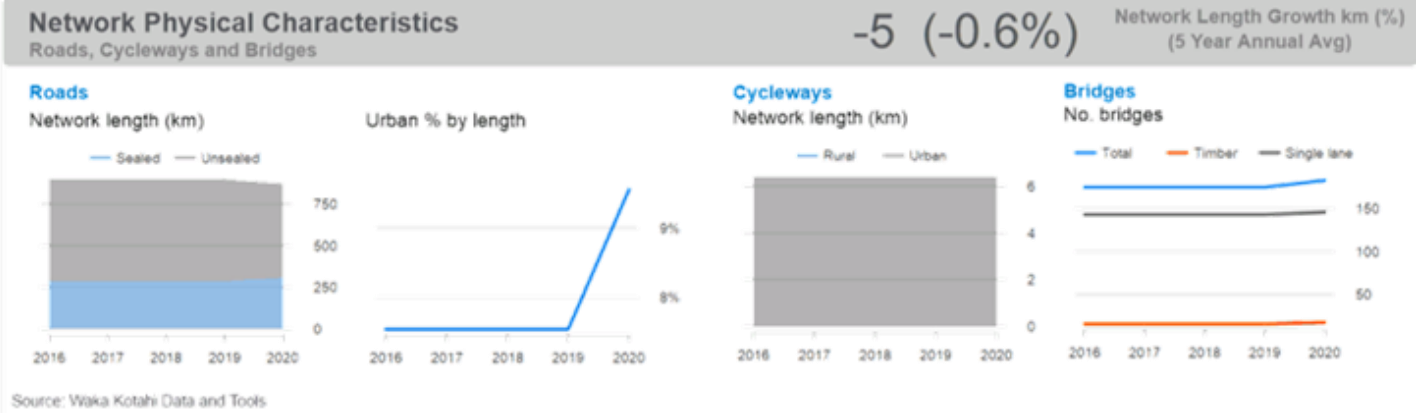
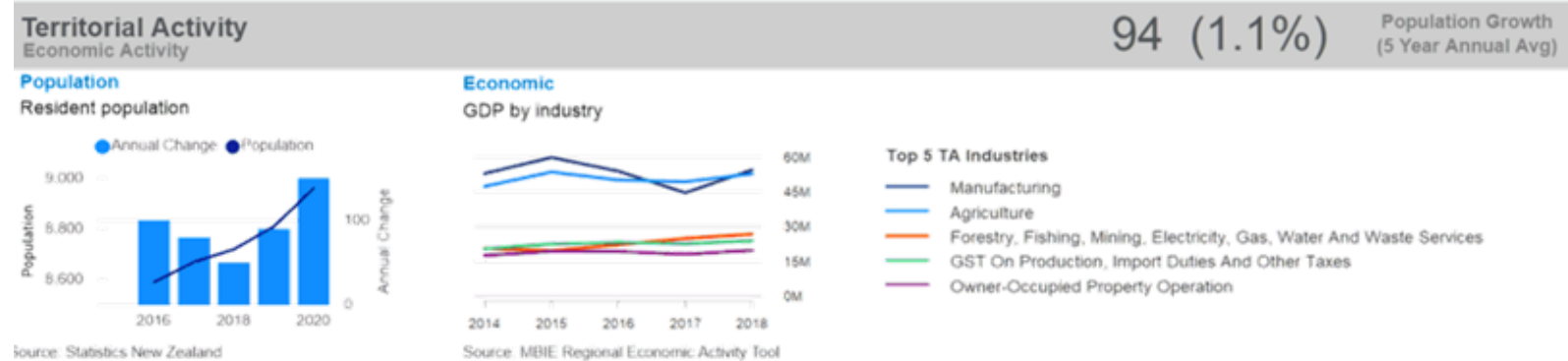
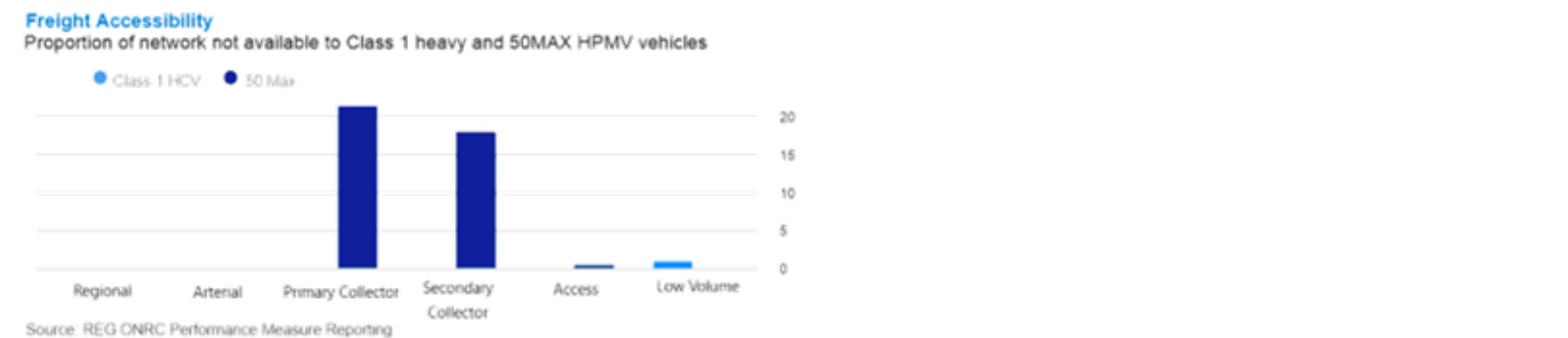
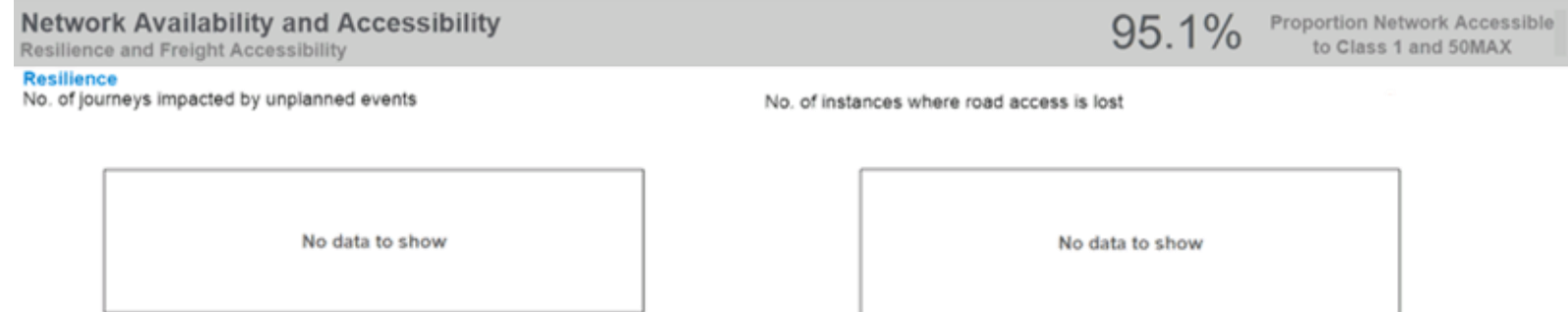
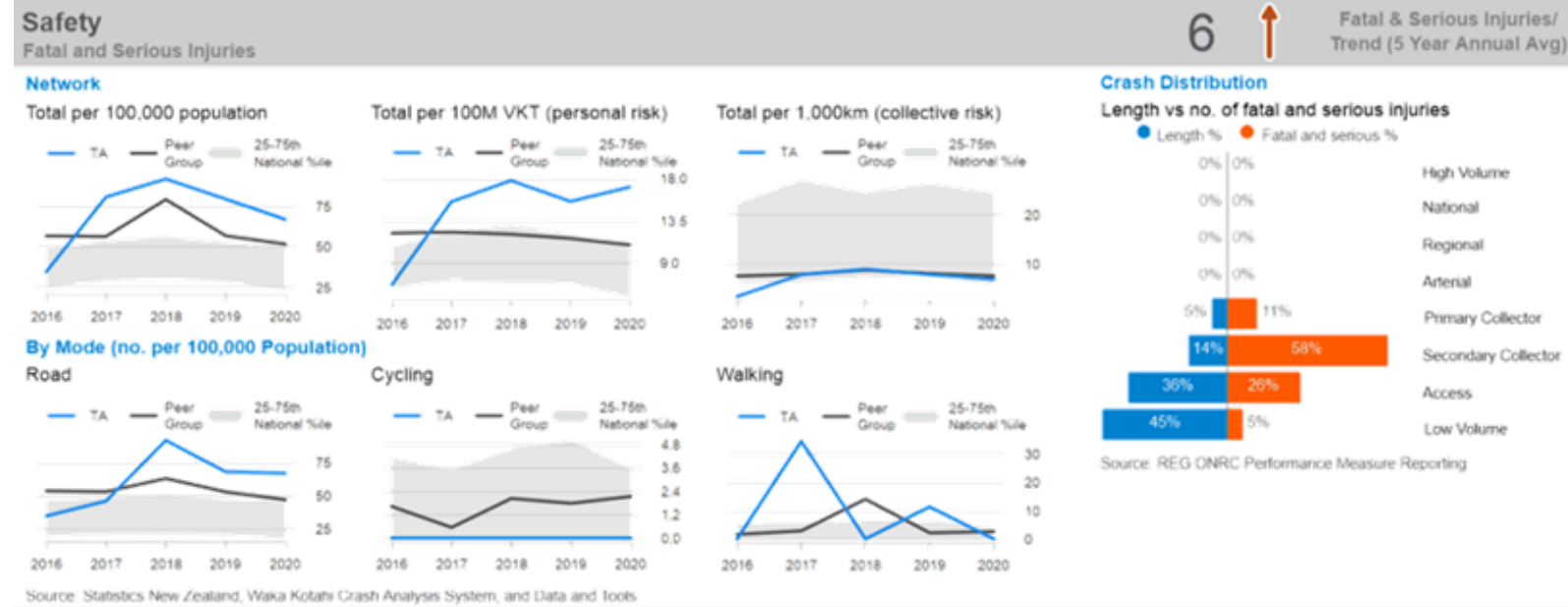


Source: Waka Kotahi Data and Tools

Surface condition



2019/20 Wairoa District Council RCA Report



WDC SIMPLIFIED REG REPORT – KEY TOPICS

2018 / 19



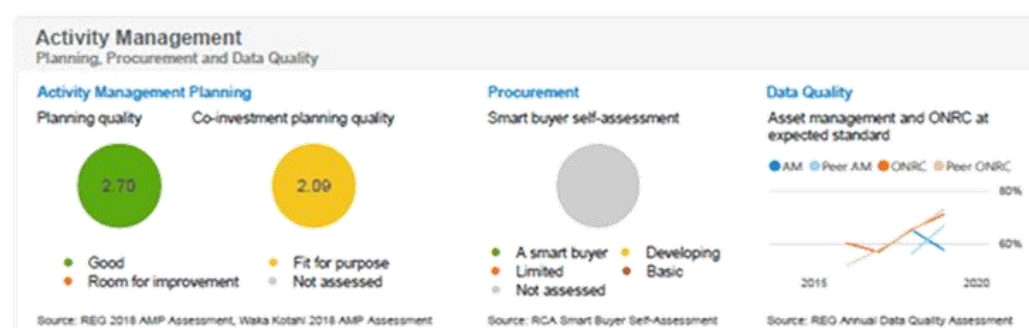
2019 / 20



Transport Asset Manager (TAM) comment: The increase in the number of bridges is due to the addition of culverts that meet the bridge size definition are now counted as bridge culverts. The changes in road lengths are data improvements within RAMM.

ACTIVITY MANAGEMENT

2018 / 19



2019 / 20



Transport Asset Manager (TAM) comment:

Activity Management Planning

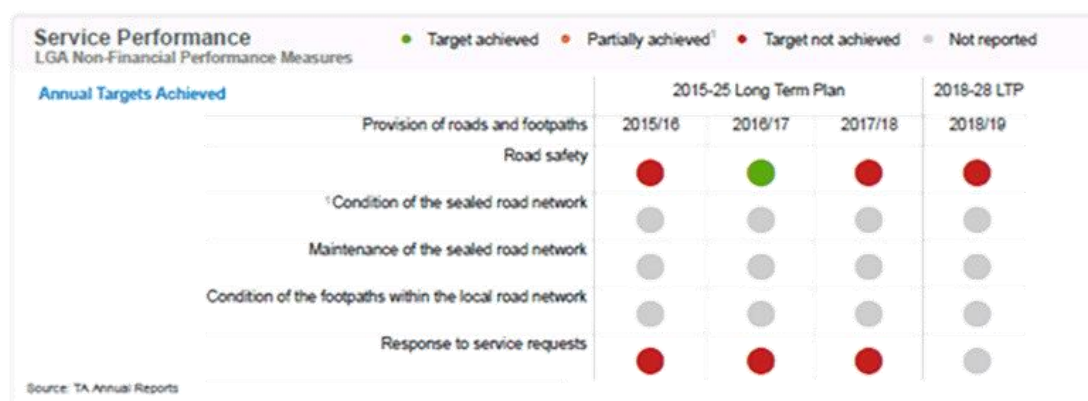
The difference between the years is a rounding of the numbers in the 2019 / 20 year. This is based on the submitted AMP in 2018. No change.

Procurement

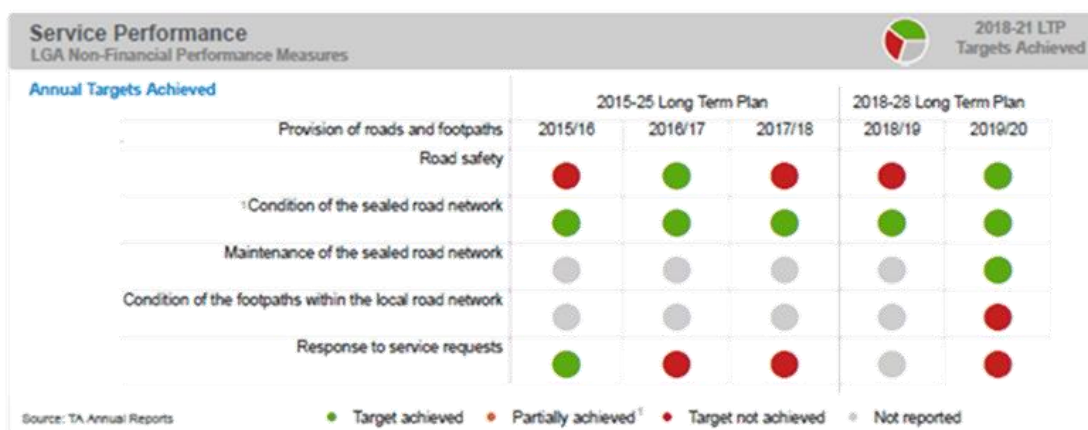
The difference is that this wasn't measured for Wairoa in 2018/19 (this is questionable), and it was in 2019/20. It identifies that we are not quite at the level we need to be to be a 'smart buyer' or defined as 'our organisation currently has limited capability to maximise the value created from being a smart buyer'. Key areas of improvement moving forward would be updating the industry on our forward works, robust data, understands risk and how to allocate it, pursues value for money and don't always award contract to lowest price, gets feedback from suppliers on performance, and explore collaboration with neighbours.

SERVICE PERFORMANCE

2018 / 19



2019 / 20

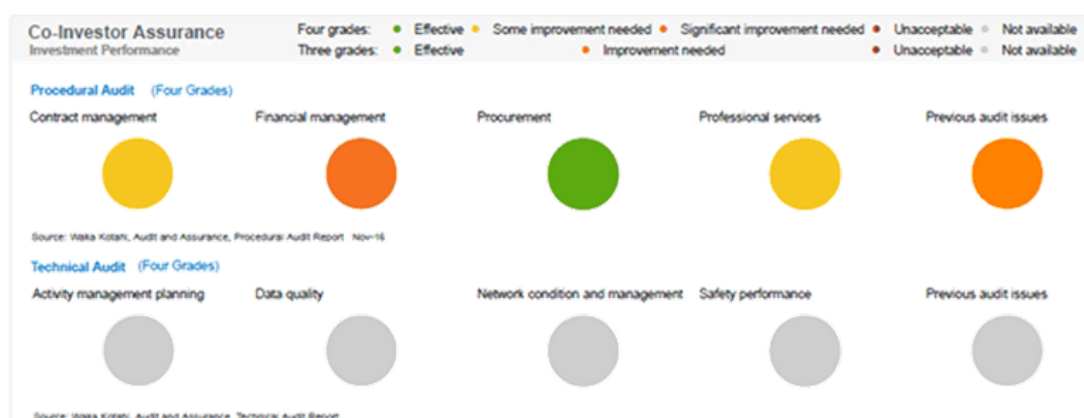


Transport Asset Manager (TAM) comment:

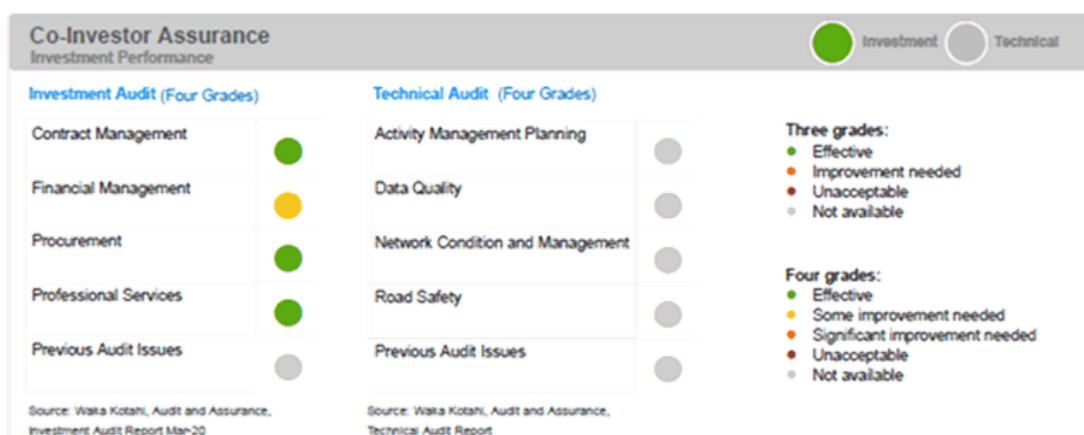
These are mandatory non-financial performance measures. It shows firstly an improvement on data capturing and reporting compared to the 18/19 year and shows we are achieving in most areas, however it does identify some areas that need improvement.

CO-INVESTOR ASSURANCE

2018 / 19



2019 / 20



Transport Asset Manager (TAM) comment:

The investment audit carried out in 2019/20 shows an increased level of performance in comparison to the last investment audit 3 years prior. It highlights there was room for improvement in the financial management space – this was specifically referring to an end of year claim in 2016/17 which the auditor struggled to find information easily on file to reconcile the GL against the NZTA database. The information was produced again at audit time when requested, and every year since then has been acceptable.

DELIVERY: (as at 2019/20)

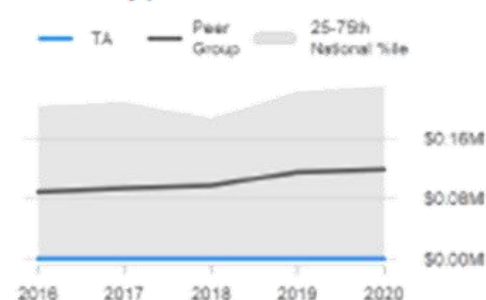
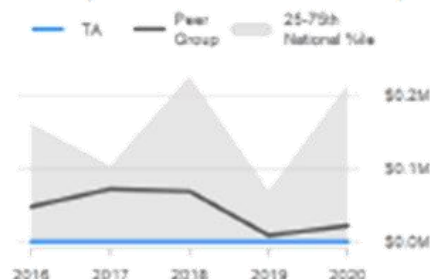
Delivery
Expenditure, Funding, Cost Efficiency and Valuation

\$48.4M (64.5%)

Total 2018-21 NLTP Budget (\$M)
Total Budget Spent (%)

Transport Asset Manager (TAM) comment:

We are 2/3's the way through the NLTP, and we have spent approximately 2/3's of the NLTP budget. This budget includes a large amount of Emergency works that was funded in 2018/2019.

Activity Class Expenditure**Road safety promotion****New and improved walking and cycling facilities (excl. low cost <\$1M, low risk)**

Transport Asset Manager (TAM) comment:

Council contributes to the Road Safe group, carries out safety initiatives throughout a range of Waka Kotahi work categories, and constructs new footpaths however the measurement is based on Waka Kotahi activity codes which we do not specifically ask for funding in.

Investment management, network and property management

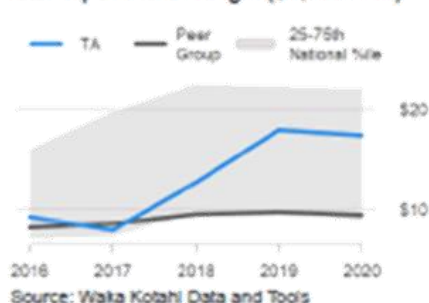
Transport Asset Manager (TAM) comment:

This is the graph that reports on the professional services we obtain (which includes Council staff). Note that we spend less than our peers, and in late 2020 we signed a new professional services contract with WSP which should keep this trend consistent.

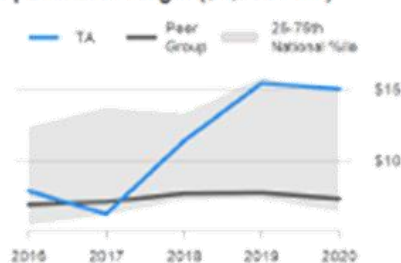
Cost Efficiency

Cost Efficiency

Total expenditure / length (\$1,000 / km)



Maintenance, operations and renewals expenditure / length (\$1,000 / km)



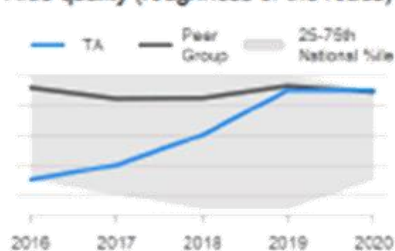
Transport Asset Manager (TAM) comment:

This shows that we are spending well above our peer group per km since 2017. There are multiple factors that contribute to this, with a significant factor being that we have had increased emergency works since 2017 (the big ones in 2018/19) which has skewed this graph, but this also the fact that we contracted some large maintenance contracts which are contributing to this spike. This relates somewhat to our "limited" smart buyer status.

The graphs below show that WDC roads have around the same smooth travel exposure and more roughness than those of our peers for the same expenditure. Please note that this is trending upwards and the 2020/2021 report is touched on in the main body of the infrastructure committee report.

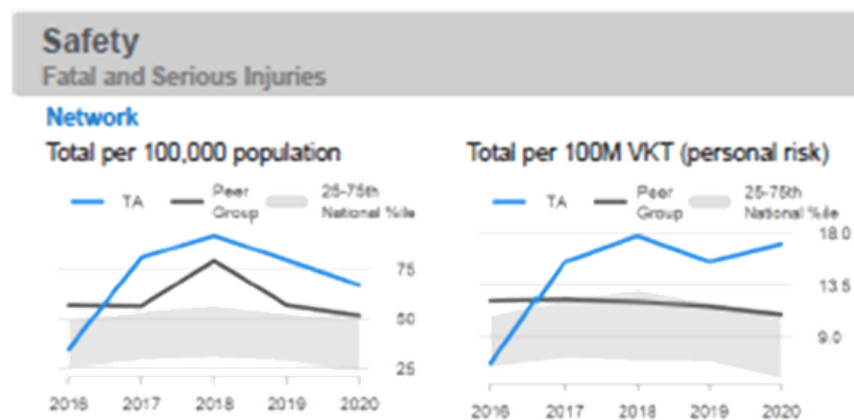
Amenity (Sealed Roads)

Ride quality (roughness of the roads)



Peak and average road roughness (NAASRA) (peer group lighter)



SAFETY:

Transport Asset Manager (TAM) comment:

This shows we are above the peer group quite significantly in terms of fatal and serious injuries on our roads. This is why investment in our Land Transport network is so important. Safety needs to be a key focus.

Message from CE at Waka Kotahi

16 February 2021



Kia ora koutou

Thank you to those of you who were able to attend today's live call. It is important to be able to catch-up and share with you about what's new at Waka Kotahi.

I began the call by acknowledging the challenges that many of you had faced with the development of your Regional Land Transport Plans (RLTPs) because of a number of issues we had in managing data and information that fed into your programmes of work.

We struggled to reconcile our own data to supply you with accurate information in the Waka Kotahi Investment Proposal; we made late changes to the Road to Zero programme and there were delays in releasing TIO templates and the Investment Prioritisation Method – all of which made for a less than ideal experience for your teams.

We need to do better. Our new regional operating model will help to address some of these issues in the future. This new model is designed to strength collaboration with local government and our local partners and better focus on your needs. Adopting this regional approach means we can empower the regional teams, while ensuring nationally consistent approaches and effective delivery of national programmes. You can read more details about this in the attached PDF.

NLTP funding

This morning, we discussed the affordability challenges we're facing with both the delivery of the remaining four and half months of the 2018-21 National Land Transport Programme (NLTP) and the development of the 2021-24 NLTP.

While overall investment in the land transport system across Crown funding, local share and the National Land Transport Fund (NLTF) is expected to increase from \$18.5 billion in 2018-21 to more than \$20.8 billion in 2021-24, there are also large financial commitments that mean we face significant financial constraints.

There is a significant programme of work already underway across the country which will require more than 90% of anticipated revenue from the National Land Transport Fund for 2021-24 to meet these existing commitments and to fund continuous programmes at current levels of service, such as public transport services and road maintenance.

Funding commitments in the current NLTP period mean we expect to end this financial year with our short-term borrowing facilities (totalling \$250 million) fully drawn down to meet these commitments. This financial situation is largely the result of cost and scope increases for existing projects, supporting public transport services (before dedicated COVID-19 funding was available), higher than normal emergency works expenditure increases in maintenance and operational costs, and the funding of new projects such as the Manawātū Gorge alternate route.

As a result, we are not currently approving funding for any new delivery projects in this NLTP period. We are continually monitoring and reviewing the situation, but it is unlikely we will be approving funding for any new work for the remainder of this NLTP.

We are working with both the Ministry of Transport and Treasury on options to ease this pressure as well to help manage the funding challenge as we move into the next NLTP.

With the 2021-24 NLTP, we will effectively begin the three years \$250 million "in the red" (i.e. with our short-term facilities fully drawn down) and our position will be made more difficult with the lower funding limits of the 11 activity classes requiring a minimum spend of \$12.9 billion from a forecast revenue of \$13 billion.

So, unless our revenue is materially higher than forecast, the NLTF cannot afford to fund activities in any activity class above the lower limit, and with very limited funding available for new improvement projects given most of the improvement activity classes will be used to meet existing contractual commitments.

We already know that in three activity classes - public transport services, local road maintenance and state highway maintenance - the required spend to maintain service levels and meet commitments in 2021-24 exceeds the lower GPS limits by more than \$500 million. This places Waka Kotahi, and you, our investment partners, in a very difficult position.

For us to invest in activities at a higher point within the GPS activity class range, we require additional funding or financing. Options could include Crown funding, taking on additional debt, increasing in our revenue streams - or a combination of the above. Another option we're exploring with government is whether we can reduce the lower limits of some activity classes to enable us to still deliver on the GPS but have the flexibility to invest in the areas with the highest priority.

It is important you understand the financial pressure we face as next week we begin moderating your final bids for improvements and continuous programmes and next month we will begin reporting back to your teams on the outcome of the moderation.

We continue to work with the Ministry and Treasury on what funding and financial options may be available to us and I will keep you updated on these discussions and any change in our situation as we work through the options. Given the focus on climate outcomes we are hopeful of good outcomes, but in the interests of transparency I want to ensure you are aware of what constraints we currently face.

Other topics

Today's live call also provided an update on our work in delivering the Road to Zero strategy; how we're responding to recent government announcements on climate change; and two updates regarding public transport relating to the 100% FAR and the National Ticketing Programme. Again, details of these are in the attached PDF.

Ngā mihi

Nicole Rosie

Chief Executive

Pilot Hill Toilet Install





Extent of landfill cover applied



Examples of some Land Transport projects

19/10 Flood Damage Contract – Mohaka Coach Road 6.6km



20/06 PGF Bridge Strengthening Package 1 – Doughboy Bridge



20/03 Rangatahi Dropout Contract





Low Cost Low Risk projects



20/07 Worker Redeployment contract – The Landing



WAIROA WASTEWATER OVERFLOW EMERGENCY COMMS PLAN

WAIROA DISTRICT COUNCIL
STANDARD OPERATING
PROCEDURE



TE WAIROA
WAIROA DISTRICT

INTRODUCTION

This Wairoa District Council standard operating procedure outlines key steps to be undertaken in the event of a wastewater overflow emergency within the Wairoa district. This procedure is also designed to ensure that key Council staff members - involved in mitigating the risk from such an event - undertake the correct steps to ensure that the health and safety of the Wairoa community is maintained to the highest of standards. As employees of a local government authority, we also aim to ensure that residents, ratepayers and other affected stakeholders are fully informed of any risks to their health and safety, and to reinforce key safety messages.

OBJECTIVE

The key objective is to publicise the essential and necessary information required for the purpose of keeping locals in the Wairoa District FULLY INFORMED during such an event. This is to ensure we have as many members of the community as possible up to date with all the information they need to know.

WHO'S INVOLVED IN THIS PLAN

- Kitea Tipuna – Interim Chief Executive
- Karen Akuhata – Community Assets and Services, Utilities Manager
- Juanita Savage – Incident Controller Wairoa Civil Defence Emergency Operations Centre
- Katharina Di Lena – Communications and Graphic Design Manager Wairoa District Council
- Marrit Kirkenier – Communications and Graphic Design Officer Wairoa District Council
- Kate Standring – Strategic Communications Consultant to Wairoa District Council
- Wairoa District Council PIM Managers (in the event of an emergency)
- Austin King – Comms support Wairoa District Council
- Stephen Heath – Group Manager Community Assets and Services
- Other Council employees

AUDIENCE

Our audience includes:

- Wairoa residents and ratepayers
- Wairoa Businesses
- Whanau, Hapu, Iwi and PSGEs
- The Wairoa community
- Others

METHODS

This aim requires a consistent approach of delivering clear, key messages in all communications regarding a Wairoa wastewater overflow emergency. Communicating professionally and effectively is the responsibility of all staff involved. We will communicate clearly and to professional standards, using methods appropriate for our different audiences.

Our recommendation is that the Incident Controller, the Interim CE, CAS staff, Council communications staff and PIM function managers for the Wairoa Civil Defence EOC response team work together to deliver all key and necessary information regarding any such wastewater overflow emergency to the Wairoa District community, until further notice.

During any such emergency, our aim will be to action the following:

- CAS staff/group manager is to FULLY BRIEF the Interim Chief Executive and the Incident Controller of any wastewater overflow emergency
- Interim Chief Executive to FULLY BRIEF His Worship the Mayor about any such event
- The Incident Controller, CAS staff/group manager and/or the Interim CE will determine the level of risk such an emergency poses to public health and decide "the next steps to take"
- The Incident Controller, CAS staff/group manager and/or the Interim CE will determine measures and actions required to mitigate any risks to public health and safety (MAY NOT BE RELEVANT FOR THIS PLAN AS THIS IS A SEPARATE ACTION TO COMMUNICATIONS)
- Communications staff will work with the Interim CE/Incident Controller and CAS staff to determine the appropriate messaging to push out to the public. They also need to be FULLY BRIEFED about the emergency
- Communications staff/PIM will then roll out all public information required

During any such emergency, the communications team will strive to produce the following IF REQUIRED:

- At least one video update from the relevant Council spokesperson – for social media
- At least four Facebook updates to the Wairoa District Council page informing the Wairoa community of essential information
- Radio advertisements that are approved by the Incident Controller and Interim Chief Executive; and produced where necessary
- At least one full-page Wairoa Star article
- Media releases for the Wairoa District Council website and other media stakeholders
- Manage community conversations on Facebook, particularly on Wairoa community Facebook pages
- Manage incoming public information from Facebook and Messenger

Communication Tools include:

- Media releases targeting newspaper, radio advertising, online media and social media
- Video for online
- The Wairoa District Council website
- The Wairoa Star
- Email databases
- Advertising (through local media)
- Facebook
- Posters/flyers/collateral where necessary

COMMUNICATIONS ACTION PLAN

Action	Detail	Responsible	Action notes	Date Due
PREPARATION OF PUBLIC INFORMATION MATERIAL AND ROLL OUT				
Information preparation and roll out of communication material to the public	Media release or public message from the Interim Chief Executive and/or His Worship the Mayor Craig Little.	Kate Standring (Kitea to approve) Karen Akuhata Kitea Tipuna Juanita Savage Stephen Heath	The relevant person (i.e. Incident Controller, Interim CE or CAS staff) is to advise strategic comms what messaging is to be publicised. Strategic comms will need to have the final draft approved by the	Within 6 hours of the incident occurring
NOTE: ALL MEDIA RELEASES ARE	VIA FACEBOOK, LOCAL/REGIONAL			

EITHER UPLOADED TO WAIROA DISTRICT COUNCIL'S WEBSITE OR WAIROA DISTRICT COUNCIL'S FACEBOOK PAGE N.B. THIS ACTION PLAN IS A WORK IN PROGRESS AND CAN BE AMENDED WHERE REQUIRED	MEDIA AND WEBSITE		relevant person (mentioned above)	
	Graphics and roll out of approved media release. VIA FACEBOOK AND WDC WEBSITE	Katharina, Marrit, Austin	The relevant person mentioned in the previous tab above is to relay what information they'd like to be visually demonstrated - to either Katharina or Marrit. The graphic is to be approved by the relevant person and pushed through Wairoa District Council's website and Facebook page. The media release is to be uploaded to Council's website by either Katharina, Marrit or Austin.	Within 6 hours of the incident occurring
	Managing Facebook dialogue	Katharina (Austin and Marrit available to support)	Communications staff to manage any online social media chatter (that may be occurring on Facebook)	Within 24 hours of the incident occurring

Project Number: 2-Y1300.DM VT121

Wairoa District Council

2021 Roughness Report





Contact Details

Dennis Hebblerley

WSP
Opus House
6 Ossian Street
Private Bag 6019
Napier 4110
+64 6 833 5100
+64 27 494 3772
dennis.hebblerley@wsp.com

Document Details:

Date: 18/03/2021
Reference: 2-S5555.20 RO101
Status: Final

Prepared by

A handwritten signature in blue ink, appearing to read 'Dennis Hebblerley'.

Dennis Hebblerley



Document History and Status

Revision	Date	Author	Reviewed by	Approved by	Status
1	18/03/2020	D Hebblerley	B. Thomson	A. Bright	Final

Revision Details

Revision	Details
1	Final Report for Issue



Contents

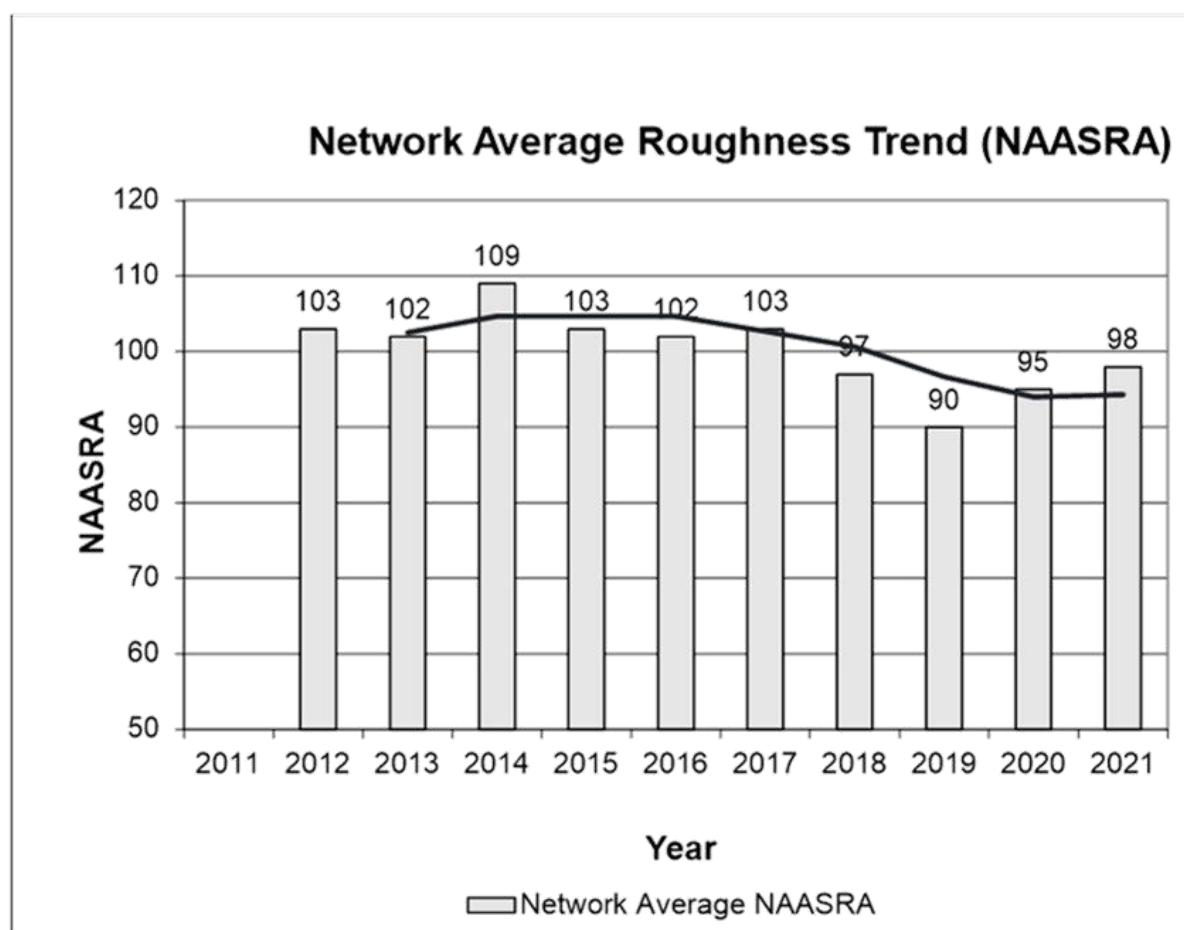
1.	Executive Summary	4
1.1.	Roughness	4
1.2.	Methodology	4
1.3.	Roughness Statistics	5
1.4.	Distribution	5
1.5.	Network Statistics	6
1.6.	ONRC Breakdown	7
1.7.	Trend Analysis	7

1. Executive Summary

1.1. Roughness

The average network NAASRA roughness trend line for the Wairoa District Council sealed network has flattened off due to a network average increase of 3 NAASRA this year. Achieved network average roughness (NAASRA) from the 2021 survey (excluding points with event codes) is 97, (98 including event codes). Sealed network average roughness is less than the 110 NAASRA target threshold. This is a good network outcome, but the trend should be watched as this is the second year in a row where the network average has increased and is some ONRC Categories the average is above the 110 NAASRA threshold.

Length of network exceeding 150 NAASRA has also increased from 32.789 lane kilometres to 38.838 lane kilometres or 5.99% of the sealed network, which is below the target of 10%. There appears to be an increase in roughness on roads that service forestry operations and Rocket Lab (Mahia East Coast Road) but there is also an increase in the Urban area so a focus on timely delivery of maintenance would be worthwhile.



1.2. Methodology

1.2.1. Introduction

The 2021 roughness survey was carried out by our Auckland Laboratory using a response meter roughness vehicle. The same equipment was used this year as in the last five surveys to ensure a consistent and comparable result between years.

Project Number: 2-Y1300 DM VT121
Wairoa District Council
2020 RFoughness Report

Roughness was measured at 20 metre intervals in each direction. The 20-metre roughness has been loaded into the **hsd_rough** table and then summarised to 100 metre intervals and loaded into the **rough** table in RAMM. In summary:

Data	Description	Table
20 metre data	High Speed Roughness	hsd_rough
100 metre data	Roughness	rough

1.2.2. Calibration

The vehicle was calibrated both before and after the job against the standard calibration strip in Auckland. The calibration strip is set up using a walking profilometer and is also checked with Laser profilometer.

1.2.3. Areas Covered

All sealed roads (100%) were surveyed in 2021. This survey length was 647,864 lane km.

1.3. Roughness Statistics

1.3.1. Traffic Hierarchy Averages

The table below shows the average *Roughness by Use Category* for the 2021 Roughness Survey

- All event codes have been removed from the average calculations.
- Event codes were registered on 17,376 lane km (2.68% of the roughness length).

Pavement Use	Description	Average naasra 2021	Average naasra 2020	% Change	Sealed Lebgth (CL kms)
1	ADT < 100	103	100	3.00%	108,896
2	ADT 100-500	92	90	2.22%	144,902
3	ADT 500-2000	95	94	1.06%	43,383
4	ADT 2000-4000	99	99	0.00%	10,392
5	ADT 4000-10000	123	118	4.24%	0.32

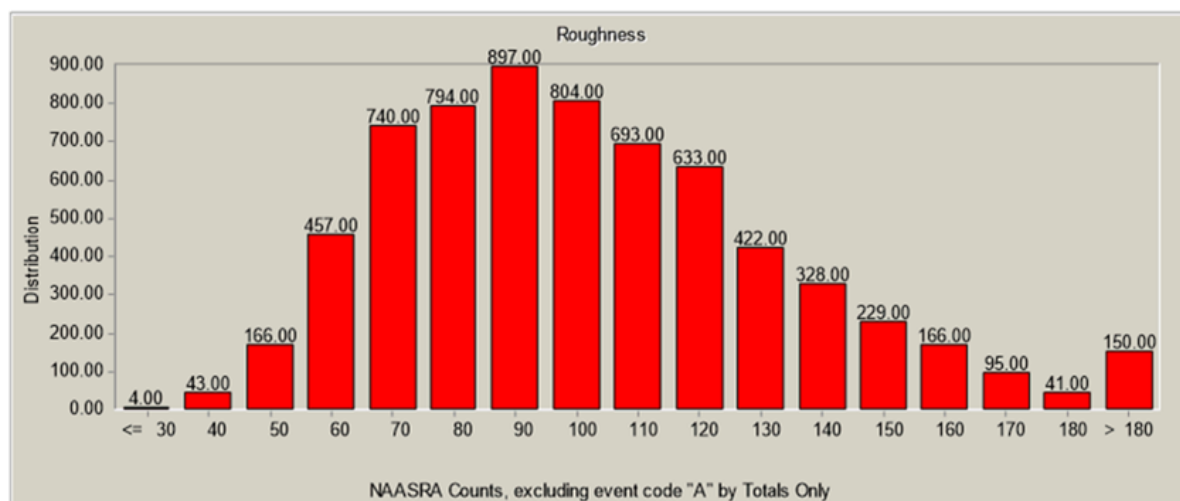
Average network NAASRA roughness for the whole 2020 survey was

- 98 **including** readings with event codes
- 97 **excluding** readings with event codes.

1.4. Distribution

The following is the roughness distribution from the 2021 survey.

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report



The median point on the 2021 roughness survey is 94 NAASRA.

1.5. Network Statistics

For the 2021 roughness survey the following statistics apply:

Number of Rows 100 metre	6722
Minimum NAASRA	10
Maximum NAASRA	436
Average NAASRA	98

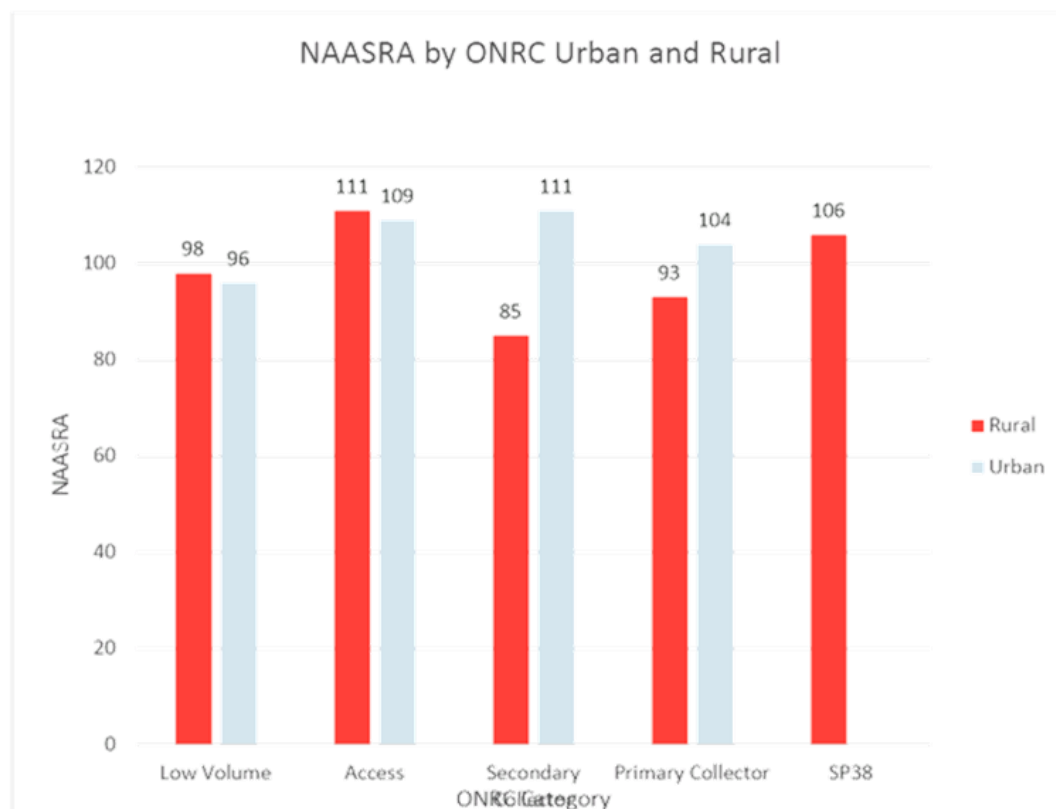
Number of Rows 20 metre	32411
Minimum NAASRA	10
Maximum NAASRA	500
Average NAASRA	94

Project Number: 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

1.6. ONRC Breakdown

For the 2021 roughness the attached table shows the breakdown by ONRC Category. Two categories of roads, Rural Access and Urban Secondary Collector, are both just above the target roughness of 110 NAASRA.

SP Road 38 is a rural road with no ONRC defined.



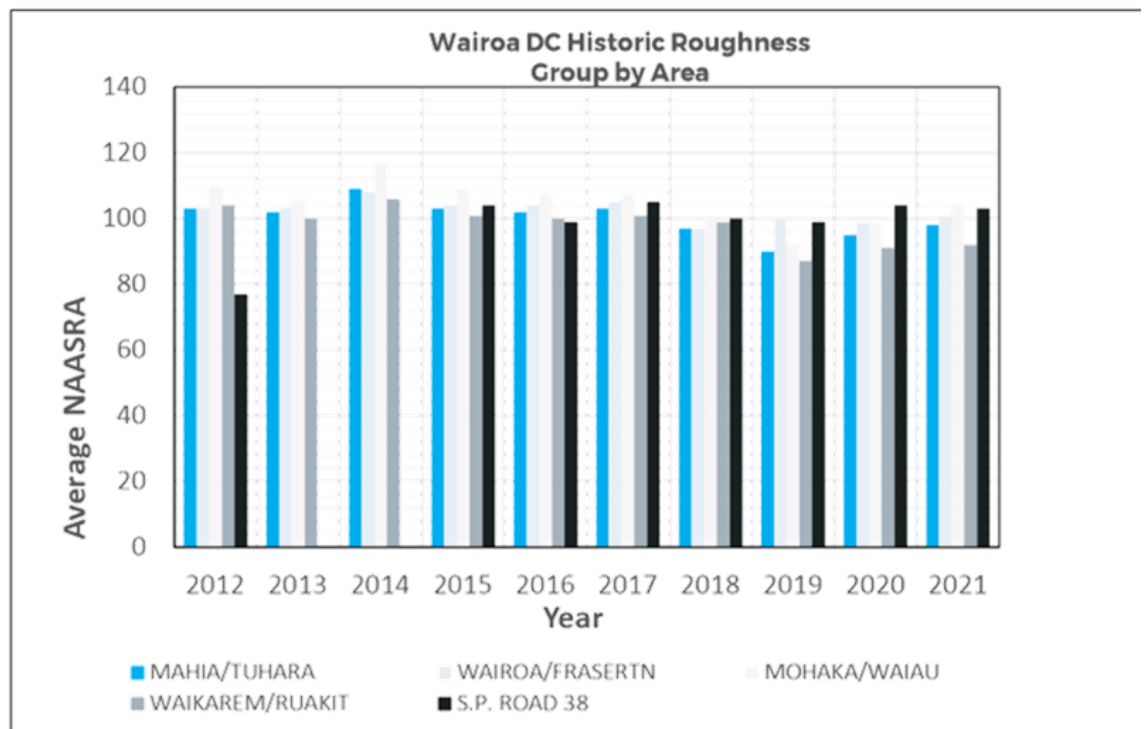
Category Description	count	lane km	Rural	Urban
Low Volume	1704	159.84	98	96
Access	1158	105.81	111	109
Secondary Collector	576	57.002	85	111
Primary Collector	3216	318.57	93	104
SP38	66	6.514	106	
Arterial	0	0		

1.7. Trend Analysis

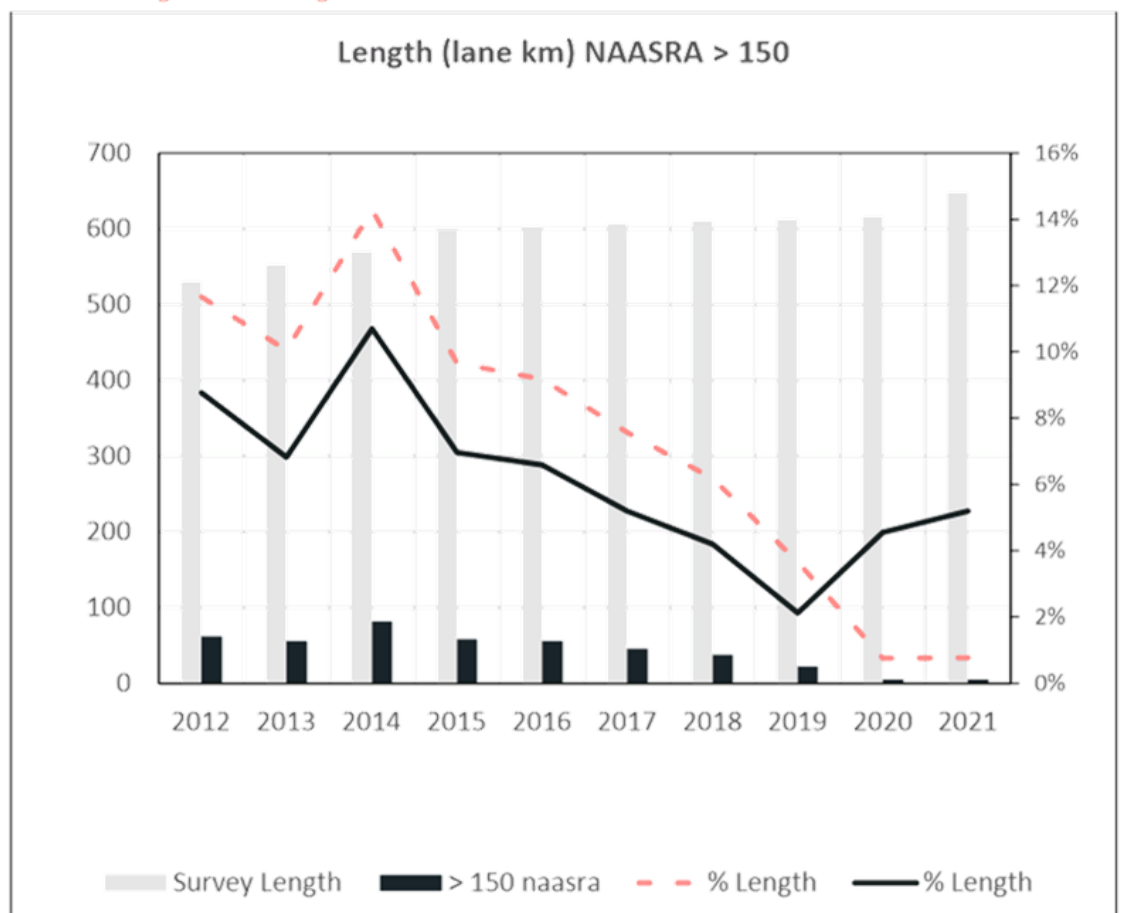
1.7.1. Analysis by Area

The trend analysis for the past ten years is shown in the graph below. The area trends reflect the reducing network roughness trend. The ten-year trend downwards has been good but the last 2 years results are trending upwards in most areas.

Project Number: 2-Y1300 DM VT121
 Wairoa District Council
 2020 Rfoughness Report



1.7.2. Network length exceeding 150 NAASRA



Network length exceeding 150 NAASRA is monitored by NZTA as a performance measure, and the measure has increased in the past two years. For Wairoa District in

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

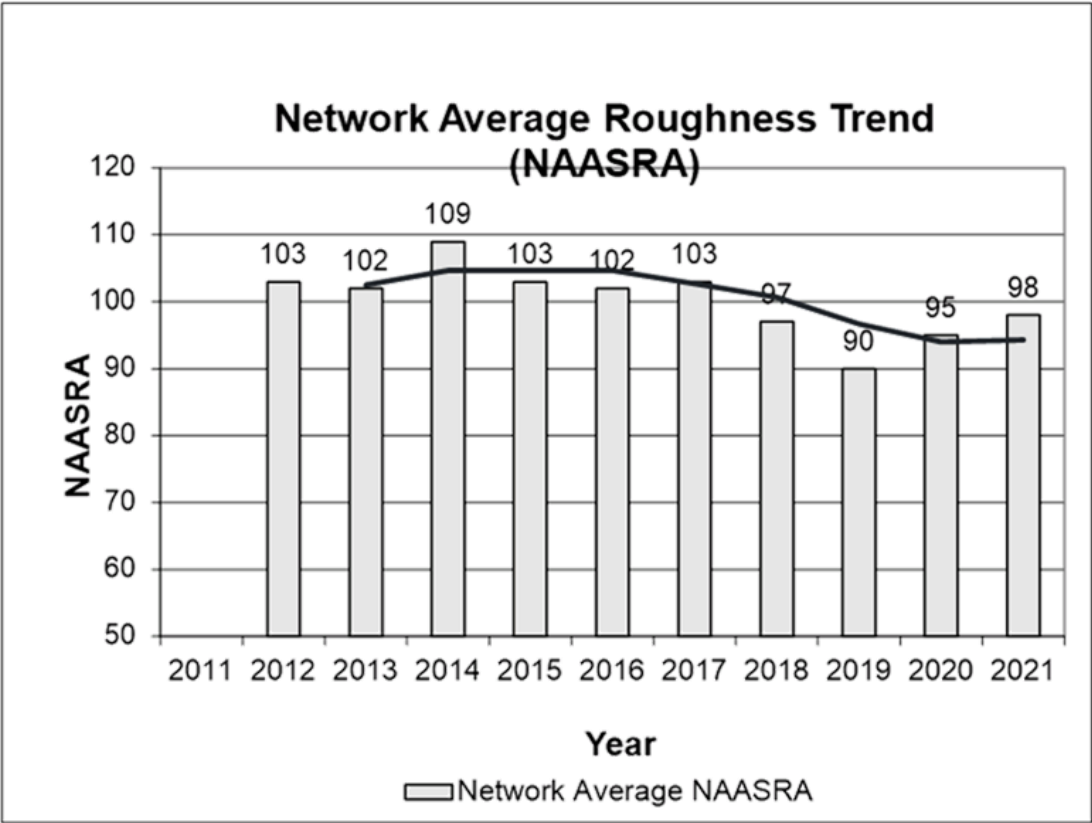
2021, 5.99% of the sealed network exceeds the 150 NAASRA threshold (including event codes) and this drops to 5.21% excluding event codes.

Year	Survey Length Lane km	naasra > 150 Lane km With Events	% Length with events	naasra > 150 Lane km Without Events	% Length without events
2006	231.153	28.827	12.47%	23.251	10.06%
2007	369.512	45.946	12.43%	39.213	10.61%
2008	239.724	37.813	15.77%	30.414	12.69%
2009	374.869	28.934	7.72%	22.942	6.12%
2010	522.387	30.032	5.75%	20.463	3.92%
2012	529.426	61.721	11.66%	46.463	8.78%
2013	552.676	55.616	10.06%	37.752	6.83%
2014	570.261	81.514	14.29%	61.046	10.70%
2015	597.883	57.763	9.66%	41.685	6.97%
2016	603.318	55.419	9.19%	39.737	6.59%
2017	606.247	45.916	7.57%	31.586	5.21%
2018	610.443	37.736	6.18%	25.699	4.21%
2019	612.770	22.520	3.68%	13.043	2.13%
2020	616.625	4.688	0.76%	28.101	4.56%
2021	647.864	5.079	0.78%	33.759	5.21%

1.7.3. Network Wide Trend

The attached graph shows the last 10 years of average annual network roughness, and the reducing weighted 3-period average trend line over the last 3 years. This has just started to flatten out due to the average increase over the last two years of 5 and 3 NAASRA.

Project Number: 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report



Project Number: 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

Appendix A

Roughness Results

Road Name	Start	End	Reading Date	NAASRA	Direction	Vehicle Speed	Event Code
AIRPORT ROAD	0	100	21/02/2021	200	Left lane	28	Railway crossing
AIRPORT ROAD	0	100	21/02/2021	141	Right lane	39	
AIRPORT ROAD	100	200	21/02/2021	150	Left lane	37	
AIRPORT ROAD	100	200	21/02/2021	122	Right lane	41	
AIRPORT ROAD	200	300	21/02/2021	73	Left lane	51	
AIRPORT ROAD	200	300	21/02/2021	76	Right lane	56	
AIRPORT ROAD	300	400	21/02/2021	64	Left lane	52	
AIRPORT ROAD	300	400	21/02/2021	70	Right lane	63	
AIRPORT ROAD	400	500	21/02/2021	77	Left lane	52	
AIRPORT ROAD	400	500	21/02/2021	59	Right lane	62	
AIRPORT ROAD	500	600	21/02/2021	67	Left lane	57	
AIRPORT ROAD	500	600	21/02/2021	71	Right lane	57	
AIRPORT ROAD	600	700	21/02/2021	77	Left lane	56	
AIRPORT ROAD	600	700	21/02/2021	63	Right lane	49	
AIRPORT ROAD	700	800	21/02/2021	86	Left lane	47	
AIRPORT ROAD	700	800	21/02/2021	88	Right lane	42	
AIRPORT ROAD	800	860	21/02/2021	117	Left lane	30	
AIRPORT ROAD	800	860	21/02/2021	103	Right lane	23	
APATU STREET	0	100	24/02/2021	88	Left lane	38	
APATU STREET	0	100	24/02/2021	81	Right lane	40	
APATU STREET	100	200	24/02/2021	67	Left lane	50	
APATU STREET	100	200	24/02/2021	69	Right lane	48	
APATU STREET	200	300	24/02/2021	72	Left lane	44	
APATU STREET	200	300	24/02/2021	82	Right lane	43	
APATU STREET	300	400	24/02/2021	121	Left lane	26	
APATU STREET	300	400	24/02/2021	118	Right lane	30	
APATU STREET	400	500	24/02/2021	75	Left lane	40	
APATU STREET	400	500	24/02/2021	91	Right lane	47	
APATU STREET	500	600	24/02/2021	130	Left lane	36	
APATU STREET	500	600	24/02/2021	143	Right lane	35	
APATU STREET	600	700	24/02/2021	93	Left lane	34	
APATU STREET	600	700	24/02/2021	112	Right lane	37	

Project Number 2-Y1300 DM VT121
 Wairoa District Council
 2020 Rfoughness Report

APATU STREET	700	800	24/02/2021	112	Left lane	39
APATU STREET	700	800	24/02/2021	131	Right lane	46
APATU STREET	800	900	24/02/2021	118	Left lane	28
APATU STREET	800	900	24/02/2021	124	Right lane	31
APATU STREET	900	1000	24/02/2021	90	Left lane	41
APATU STREET	900	1000	24/02/2021	89	Right lane	48
APATU STREET	1000	1100	24/02/2021	108	Left lane	43
APATU STREET	1000	1100	24/02/2021	92	Right lane	47
APATU STREET	1100	1200	24/02/2021	118	Left lane	29
APATU STREET	1100	1200	24/02/2021	121	Right lane	30
APATU STREET	1200	1300	24/02/2021	66	Left lane	44
APATU STREET	1200	1300	24/02/2021	63	Right lane	48
APATU STREET	1300	1400	24/02/2021	75	Left lane	41
APATU STREET	1300	1400	24/02/2021	77	Right lane	41
APATU STREET	1400	1500	24/02/2021	120	Left lane	33
APATU STREET	1400	1500	24/02/2021	112	Right lane	30
APATU STREET	1500	1600	24/02/2021	123	Left lane	31
APATU STREET	1500	1600	24/02/2021	126	Right lane	32
APATU STREET	1600	1700	24/02/2021	101	Left lane	43
APATU STREET	1600	1700	24/02/2021	90	Right lane	43
APATU STREET	1700	1800	24/02/2021	75	Left lane	41
APATU STREET	1700	1800	24/02/2021	77	Right lane	44
APATU STREET	1800	1900	24/02/2021	72	Left lane	32
APATU STREET	1800	1900	24/02/2021	77	Right lane	37
APATU STREET	1900	1932	24/02/2021	144	Left lane	22
APATU STREET	1900	1932	24/02/2021	181	Right lane	24
AVON DRIVE	0	100	23/02/2021	105	Left lane	33
AVON DRIVE	0	100	23/02/2021	116	Right lane	33
AVON DRIVE	100	200	23/02/2021	102	Left lane	36
AVON DRIVE	100	200	23/02/2021	99	Right lane	34
AVON DRIVE	200	300	23/02/2021	102	Left lane	36
AVON DRIVE	200	300	23/02/2021	98	Right lane	33
AVON DRIVE	300	368	23/02/2021	105	Left lane	27
AVON DRIVE	300	368	23/02/2021	127	Right lane	21
AWA STREET	0	100	22/02/2021	94	Left lane	31
AWA STREET	0	100	22/02/2021	89	Right lane	34
AWA STREET	100	112	22/02/2021	103	Left lane	19
AWA STREET	100	112	22/02/2021	122	Right lane	25
AWAMATE ROAD	0	100	24/02/2021	140	Left lane	36

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

AWAMATE ROAD	0	100	24/02/2021	108	Right lane	42	
AWAMATE ROAD	100	200	24/02/2021	118	Left lane	48	BRIDGE Abutment end (Both)
AWAMATE ROAD	100	200	24/02/2021	123	Right lane	47	
AWAMATE ROAD	200	300	24/02/2021	85	Left lane	57	
AWAMATE ROAD	200	300	24/02/2021	103	Right lane	63	
AWAMATE ROAD	300	400	24/02/2021	102	Left lane	65	
AWAMATE ROAD	300	400	24/02/2021	93	Right lane	84	
AWAMATE ROAD	400	500	24/02/2021	94	Left lane	72	
AWAMATE ROAD	400	500	24/02/2021	113	Right lane	86	
AWAMATE ROAD	500	600	24/02/2021	53	Left lane	78	
AWAMATE ROAD	500	600	24/02/2021	80	Right lane	87	
AWAMATE ROAD	600	700	24/02/2021	51	Left lane	82	
AWAMATE ROAD	600	700	24/02/2021	118	Right lane	86	
AWAMATE ROAD	700	800	24/02/2021	60	Left lane	86	
AWAMATE ROAD	700	800	24/02/2021	92	Right lane	85	
AWAMATE ROAD	800	900	24/02/2021	59	Left lane	89	
AWAMATE ROAD	800	900	24/02/2021	46	Right lane	83	
AWAMATE ROAD	900	1000	24/02/2021	68	Left lane	89	
AWAMATE ROAD	900	1000	24/02/2021	67	Right lane	79	
AWAMATE ROAD	1000	1100	24/02/2021	58	Left lane	89	
AWAMATE ROAD	1000	1100	24/02/2021	69	Right lane	81	
AWAMATE ROAD	1100	1200	24/02/2021	58	Left lane	89	
AWAMATE ROAD	1100	1200	24/02/2021	72	Right lane	84	
AWAMATE ROAD	1200	1300	24/02/2021	54	Left lane	89	
AWAMATE ROAD	1200	1300	24/02/2021	94	Right lane	83	
AWAMATE ROAD	1300	1400	24/02/2021	65	Left lane	90	
AWAMATE ROAD	1300	1400	24/02/2021	112	Right lane	83	
AWAMATE ROAD	1400	1500	24/02/2021	57	Left lane	90	
AWAMATE ROAD	1400	1500	24/02/2021	71	Right lane	82	
AWAMATE ROAD	1500	1600	24/02/2021	97	Left lane	89	
AWAMATE ROAD	1500	1600	24/02/2021	106	Right lane	80	
AWAMATE ROAD	1600	1700	24/02/2021	84	Left lane	89	
AWAMATE ROAD	1600	1700	24/02/2021	100	Right lane	77	
AWAMATE ROAD	1700	1800	24/02/2021	83	Left lane	82	
AWAMATE ROAD	1700	1800	24/02/2021	70	Right lane	73	
AWAMATE ROAD	1800	1900	24/02/2021	57	Left lane	76	
AWAMATE ROAD	1800	1900	24/02/2021	68	Right lane	65	
AWAMATE ROAD	1900	2000	24/02/2021	110	Left lane	55	Railway crossing
AWAMATE ROAD	1900	2000	24/02/2021	90	Right lane	48	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

AWAMATE ROAD	2000	2100	24/02/2021	95	Left lane	53	
AWAMATE ROAD	2000	2100	24/02/2021	103	Right lane	65	
AWAMATE ROAD	2100	2200	24/02/2021	82	Left lane	71	
AWAMATE ROAD	2100	2200	24/02/2021	65	Right lane	78	
AWAMATE ROAD	2200	2300	24/02/2021	62	Left lane	81	
AWAMATE ROAD	2200	2300	24/02/2021	52	Right lane	80	
AWAMATE ROAD	2300	2400	24/02/2021	63	Left lane	85	
AWAMATE ROAD	2300	2400	24/02/2021	82	Right lane	80	
AWAMATE ROAD	2400	2500	24/02/2021	81	Left lane	87	
AWAMATE ROAD	2400	2500	24/02/2021	69	Right lane	80	
AWAMATE ROAD	2500	2600	24/02/2021	69	Left lane	86	
AWAMATE ROAD	2500	2600	24/02/2021	100	Right lane	80	
AWAMATE ROAD	2600	2700	24/02/2021	84	Left lane	84	
AWAMATE ROAD	2600	2700	24/02/2021	63	Right lane	80	
AWAMATE ROAD	2700	2800	24/02/2021	149	Left lane	81	BRIDGE Abutment end (Both)
AWAMATE ROAD	2700	2800	24/02/2021	140	Right lane	78	
AWAMATE ROAD	2800	2900	24/02/2021	53	Left lane	81	
AWAMATE ROAD	2800	2900	24/02/2021	75	Right lane	77	
AWAMATE ROAD	2900	3000	24/02/2021	72	Left lane	84	
AWAMATE ROAD	2900	3000	24/02/2021	71	Right lane	77	
AWAMATE ROAD	3000	3100	24/02/2021	73	Left lane	88	
AWAMATE ROAD	3000	3100	24/02/2021	82	Right lane	73	
AWAMATE ROAD	3100	3200	24/02/2021	72	Left lane	89	
AWAMATE ROAD	3100	3200	24/02/2021	87	Right lane	70	
AWAMATE ROAD	3200	3300	24/02/2021	80	Left lane	89	
AWAMATE ROAD	3200	3300	24/02/2021	76	Right lane	63	
AWAMATE ROAD	3300	3400	24/02/2021	126	Left lane	88	
AWAMATE ROAD	3300	3400	24/02/2021	120	Right lane	49	
AWAMATE ROAD	3400	3500	24/02/2021	87	Left lane	88	
AWAMATE ROAD	3400	3500	24/02/2021	85	Right lane	66	
AWAMATE ROAD	3500	3600	24/02/2021	62	Left lane	89	
AWAMATE ROAD	3500	3600	24/02/2021	56	Right lane	78	
AWAMATE ROAD	3600	3700	24/02/2021	79	Left lane	87	
AWAMATE ROAD	3600	3700	24/02/2021	77	Right lane	81	
AWAMATE ROAD	3700	3800	24/02/2021	88	Left lane	82	
AWAMATE ROAD	3700	3800	24/02/2021	120	Right lane	80	
AWAMATE ROAD	3800	3900	24/02/2021	85	Left lane	85	
AWAMATE ROAD	3800	3900	24/02/2021	93	Right lane	80	
AWAMATE ROAD	3900	4000	24/02/2021	84	Left lane	89	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

AWAMATE ROAD	3900	4000	24/02/2021	85	Right lane	81
AWAMATE ROAD	4000	4100	24/02/2021	82	Left lane	88
AWAMATE ROAD	4000	4100	24/02/2021	92	Right lane	81
AWAMATE ROAD	4100	4200	24/02/2021	155	Left lane	87
AWAMATE ROAD	4100	4200	24/02/2021	168	Right lane	81
AWAMATE ROAD	4200	4300	24/02/2021	102	Left lane	87
AWAMATE ROAD	4200	4300	24/02/2021	101	Right lane	82
AWAMATE ROAD	4300	4400	24/02/2021	92	Left lane	89
AWAMATE ROAD	4300	4400	24/02/2021	83	Right lane	82
AWAMATE ROAD	4400	4500	24/02/2021	105	Left lane	88
AWAMATE ROAD	4400	4500	24/02/2021	73	Right lane	81
AWAMATE ROAD	4500	4600	24/02/2021	71	Left lane	87
AWAMATE ROAD	4500	4600	24/02/2021	83	Right lane	79
AWAMATE ROAD	4600	4700	24/02/2021	61	Left lane	86
AWAMATE ROAD	4600	4700	24/02/2021	84	Right lane	80
AWAMATE ROAD	4700	4800	24/02/2021	77	Left lane	82
AWAMATE ROAD	4700	4800	24/02/2021	123	Right lane	82
AWAMATE ROAD	4800	4900	24/02/2021	83	Left lane	78
AWAMATE ROAD	4800	4900	24/02/2021	87	Right lane	81
AWAMATE ROAD	4900	5000	24/02/2021	68	Left lane	77
AWAMATE ROAD	4900	5000	24/02/2021	77	Right lane	79
AWAMATE ROAD	5000	5100	24/02/2021	58	Left lane	72
AWAMATE ROAD	5000	5100	24/02/2021	80	Right lane	72
AWAMATE ROAD	5100	5200	24/02/2021	88	Left lane	63
AWAMATE ROAD	5100	5200	24/02/2021	88	Right lane	56
AWAMATE ROAD	5200	5300	24/02/2021	89	Left lane	44
AWAMATE ROAD	5200	5300	24/02/2021	78	Right lane	52
AWAMATE ROAD	5300	5400	24/02/2021	74	Left lane	55
AWAMATE ROAD	5300	5400	24/02/2021	68	Right lane	56
AWAMATE ROAD	5400	5500	24/02/2021	76	Left lane	59
AWAMATE ROAD	5400	5500	24/02/2021	93	Right lane	46
AWAMATE ROAD	5500	5600	24/02/2021	75	Left lane	59
AWAMATE ROAD	5500	5600	24/02/2021	73	Right lane	51
AWAMATE ROAD	5600	5700	24/02/2021	64	Left lane	62
AWAMATE ROAD	5600	5700	24/02/2021	79	Right lane	56
AWAMATE ROAD	5700	5800	24/02/2021	90	Left lane	54
AWAMATE ROAD	5700	5800	24/02/2021	75	Right lane	47
AWAMATE ROAD	5800	5900	24/02/2021	86	Left lane	51
AWAMATE ROAD	5800	5900	24/02/2021	124	Right lane	45

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

AWAMATE ROAD	5900	6000	24/02/2021	82	Left lane	41
AWAMATE ROAD	5900	6000	24/02/2021	106	Right lane	44
AWAMATE ROAD	6000	6100	24/02/2021	80	Left lane	54
AWAMATE ROAD	6000	6100	24/02/2021	106	Right lane	51
AWAMATE ROAD	6100	6200	24/02/2021	86	Left lane	58
AWAMATE ROAD	6100	6200	24/02/2021	138	Right lane	56
AWAMATE ROAD	6200	6300	24/02/2021	108	Left lane	57
AWAMATE ROAD	6200	6300	24/02/2021	120	Right lane	53
AWAMATE ROAD	6300	6400	24/02/2021	49	Left lane	54
AWAMATE ROAD	6300	6400	24/02/2021	37	Right lane	46
AWAMATE ROAD	6400	6500	24/02/2021	68	Left lane	41
AWAMATE ROAD	6400	6500	24/02/2021	67	Right lane	39
AWAMATE ROAD	6500	6600	24/02/2021	50	Left lane	59
AWAMATE ROAD	6500	6600	24/02/2021	50	Right lane	63
AWAMATE ROAD	6600	6700	24/02/2021	51	Left lane	73
AWAMATE ROAD	6600	6700	24/02/2021	43	Right lane	80
AWAMATE ROAD	6700	6800	24/02/2021	33	Left lane	78
AWAMATE ROAD	6700	6800	24/02/2021	33	Right lane	83
AWAMATE ROAD	6800	6900	24/02/2021	36	Left lane	79
AWAMATE ROAD	6800	6900	24/02/2021	48	Right lane	83
AWAMATE ROAD	6900	7000	24/02/2021	41	Left lane	81
AWAMATE ROAD	6900	7000	24/02/2021	46	Right lane	83
AWAMATE ROAD	7000	7100	24/02/2021	36	Left lane	85
AWAMATE ROAD	7000	7100	24/02/2021	34	Right lane	82
AWAMATE ROAD	7100	7200	24/02/2021	52	Left lane	84
AWAMATE ROAD	7100	7200	24/02/2021	45	Right lane	82
AWAMATE ROAD	7200	7300	24/02/2021	56	Left lane	82
AWAMATE ROAD	7200	7300	24/02/2021	56	Right lane	82
AWAMATE ROAD	7300	7400	24/02/2021	68	Left lane	84
AWAMATE ROAD	7300	7400	24/02/2021	70	Right lane	82
AWAMATE ROAD	7400	7500	24/02/2021	38	Left lane	86
AWAMATE ROAD	7400	7500	24/02/2021	47	Right lane	82
AWAMATE ROAD	7500	7600	24/02/2021	52	Left lane	87
AWAMATE ROAD	7500	7600	24/02/2021	43	Right lane	80
AWAMATE ROAD	7600	7700	24/02/2021	58	Left lane	88
AWAMATE ROAD	7600	7700	24/02/2021	53	Right lane	78
AWAMATE ROAD	7700	7800	24/02/2021	64	Left lane	79
AWAMATE ROAD	7700	7800	24/02/2021	50	Right lane	71
AWAMATE ROAD	7800	7900	24/02/2021	90	Left lane	81

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

AWAMATE ROAD	7800	7900	24/02/2021	73	Right lane	73	
AWAMATE ROAD	7900	8000	24/02/2021	59	Left lane	86	
AWAMATE ROAD	7900	8000	24/02/2021	57	Right lane	79	
AWAMATE ROAD	8000	8100	24/02/2021	76	Left lane	86	
AWAMATE ROAD	8000	8100	24/02/2021	69	Right lane	78	
AWAMATE ROAD	8100	8200	24/02/2021	71	Left lane	83	
AWAMATE ROAD	8100	8200	24/02/2021	76	Right lane	68	
AWAMATE ROAD	8200	8300	24/02/2021	45	Left lane	75	
AWAMATE ROAD	8200	8300	24/02/2021	58	Right lane	63	
AWAMATE ROAD	8300	8400	24/02/2021	97	Left lane	63	
AWAMATE ROAD	8300	8400	24/02/2021	83	Right lane	54	
AWAMATE ROAD	8400	8500	24/02/2021	70	Left lane	55	
AWAMATE ROAD	8400	8500	24/02/2021	66	Right lane	54	
AWAMATE ROAD	8500	8600	24/02/2021	162	Left lane	44	BRIDGE Abutment end (Both)
AWAMATE ROAD	8500	8600	24/02/2021	171	Right lane	42	
AWAMATE ROAD	8600	8700	24/02/2021	77	Left lane	47	
AWAMATE ROAD	8600	8700	24/02/2021	76	Right lane	57	
AWAMATE ROAD	8700	8800	24/02/2021	50	Left lane	64	
AWAMATE ROAD	8700	8800	24/02/2021	55	Right lane	75	
AWAMATE ROAD	8800	8900	24/02/2021	50	Left lane	77	
AWAMATE ROAD	8800	8900	24/02/2021	64	Right lane	76	
AWAMATE ROAD	8900	9000	24/02/2021	53	Left lane	73	
AWAMATE ROAD	8900	9000	24/02/2021	67	Right lane	68	
AWAMATE ROAD	9000	9100	24/02/2021	79	Left lane	56	
AWAMATE ROAD	9000	9100	24/02/2021	94	Right lane	54	
AWAMATE ROAD	9100	9200	24/02/2021	154	Left lane	54	BRIDGE Abutment end (Both)
AWAMATE ROAD	9100	9200	24/02/2021	177	Right lane	57	
AWAMATE ROAD	9200	9300	24/02/2021	59	Left lane	63	
AWAMATE ROAD	9200	9300	24/02/2021	48	Right lane	70	
AWAMATE ROAD	9300	9400	24/02/2021	57	Left lane	73	
AWAMATE ROAD	9300	9400	24/02/2021	52	Right lane	79	
AWAMATE ROAD	9400	9500	24/02/2021	44	Left lane	81	
AWAMATE ROAD	9400	9500	24/02/2021	42	Right lane	82	
AWAMATE ROAD	9500	9600	24/02/2021	65	Left lane	82	
AWAMATE ROAD	9500	9600	24/02/2021	54	Right lane	82	
AWAMATE ROAD	9600	9700	24/02/2021	48	Left lane	82	
AWAMATE ROAD	9600	9700	24/02/2021	48	Right lane	79	
AWAMATE ROAD	9700	9800	24/02/2021	40	Left lane	84	
AWAMATE ROAD	9700	9800	24/02/2021	40	Right lane	76	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

AWAMATE ROAD	9800	9900	24/02/2021	66	Left lane	83	
AWAMATE ROAD	9800	9900	24/02/2021	53	Right lane	77	
AWAMATE ROAD	9900	10000	24/02/2021	46	Left lane	80	
AWAMATE ROAD	9900	10000	24/02/2021	44	Right lane	79	
AWAMATE ROAD	10000	10100	24/02/2021	67	Left lane	80	
AWAMATE ROAD	10000	10100	24/02/2021	54	Right lane	79	
AWAMATE ROAD	10100	10200	24/02/2021	56	Left lane	76	
AWAMATE ROAD	10100	10200	24/02/2021	38	Right lane	75	
AWAMATE ROAD	10200	10300	24/02/2021	58	Left lane	73	
AWAMATE ROAD	10200	10300	24/02/2021	49	Right lane	62	
AWAMATE ROAD	10300	10400	24/02/2021	62	Left lane	73	
AWAMATE ROAD	10300	10400	24/02/2021	93	Right lane	69	
AWAMATE ROAD	10400	10500	24/02/2021	52	Left lane	78	
AWAMATE ROAD	10400	10500	24/02/2021	54	Right lane	76	
AWAMATE ROAD	10500	10600	24/02/2021	50	Left lane	74	
AWAMATE ROAD	10500	10600	24/02/2021	61	Right lane	72	
AWAMATE ROAD	10600	10700	24/02/2021	67	Left lane	69	
AWAMATE ROAD	10600	10700	24/02/2021	65	Right lane	68	
AWAMATE ROAD	10700	10800	24/02/2021	47	Left lane	75	
AWAMATE ROAD	10700	10800	24/02/2021	48	Right lane	72	
AWAMATE ROAD	10800	10900	24/02/2021	100	Left lane	77	
AWAMATE ROAD	10800	10900	24/02/2021	89	Right lane	75	
AWAMATE ROAD	10900	11000	24/02/2021	90	Left lane	74	
AWAMATE ROAD	10900	11000	24/02/2021	87	Right lane	77	
AWAMATE ROAD	11000	11100	24/02/2021	45	Left lane	78	
AWAMATE ROAD	11000	11100	24/02/2021	51	Right lane	75	
AWAMATE ROAD	11100	11200	24/02/2021	55	Left lane	80	
AWAMATE ROAD	11100	11200	24/02/2021	57	Right lane	75	
AWAMATE ROAD	11200	11300	24/02/2021	42	Left lane	76	
AWAMATE ROAD	11200	11300	24/02/2021	57	Right lane	73	
AWAMATE ROAD	11300	11400	24/02/2021	77	Left lane	64	
AWAMATE ROAD	11300	11400	24/02/2021	66	Right lane	67	
AWAMATE ROAD	11400	11500	24/02/2021	61	Left lane	58	
AWAMATE ROAD	11400	11500	24/02/2021	55	Right lane	57	
AWAMATE ROAD	11500	11600	24/02/2021	129	Left lane	34	BRIDGE Abutment enc (Both)
AWAMATE ROAD	11500	11600	24/02/2021	115	Right lane	38	
AWAMATE ROAD	11600	11700	24/02/2021	164	Left lane	43	BRIDGE Abutment enc (Both)
AWAMATE ROAD	11600	11700	24/02/2021	184	Right lane	50	
AWAMATE ROAD	11700	11800	24/02/2021	81	Left lane	49	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

AWAMATE ROAD	11700	11800	24/02/2021	83	Right lane	52	
AWAMATE ROAD	11800	11846	24/02/2021	138	Left lane	28	
AWAMATE ROAD	11800	11846	24/02/2021	170	Right lane	27	
AWATERE ROAD	0	100	21/02/2021	139	Left lane	26	BRIDGE Abutment end (Both)
AWATERE ROAD	0	100	21/02/2021	158	Right lane	27	
AWATERE ROAD	100	200	21/02/2021	73	Left lane	36	
AWATERE ROAD	100	200	21/02/2021	78	Right lane	38	
AWATERE ROAD	200	300	21/02/2021	117	Left lane	33	
AWATERE ROAD	200	300	21/02/2021	99	Right lane	30	
AWATERE ROAD	300	310	21/02/2021	154	Left lane	13	
AWATERE ROAD	300	310	21/02/2021	146	Right lane	9	
BELL ROAD	0	100	24/02/2021	76	Left lane	38	
BELL ROAD	0	100	24/02/2021	72	Right lane	45	
BELL ROAD	100	200	24/02/2021	81	Left lane	51	
BELL ROAD	100	200	24/02/2021	70	Right lane	58	
BELL ROAD	200	300	24/02/2021	63	Left lane	53	
BELL ROAD	200	300	24/02/2021	53	Right lane	56	
BELL ROAD	300	400	24/02/2021	65	Left lane	58	
BELL ROAD	300	400	24/02/2021	65	Right lane	53	
BELL ROAD	400	500	24/02/2021	50	Left lane	54	
BELL ROAD	400	500	24/02/2021	49	Right lane	44	
BELL ROAD	500	526	24/02/2021	101	Left lane	26	
BELL ROAD	500	526	24/02/2021	105	Right lane	15	
BILL NOLAN PLACE	0	95	25/02/2021	96	Left lane	30	Post-Survey Added val
BILL NOLAN PLACE	0	95	25/02/2021	96	Right lane	30	Post-Survey Added val
BLACK STREET	0	100	21/02/2021	96	Left lane	30	PAVEMENT Surfacing begins
BLACK STREET	0	100	21/02/2021	76	Right lane	37	
BLACK STREET	100	200	21/02/2021	103	Left lane	30	PAVEMENT Surfacing begins
BLACK STREET	100	200	21/02/2021	102	Right lane	30	
BLACK STREET	200	300	21/02/2021	193	Left lane	32	INTERSECTION (Side r
BLACK STREET	200	300	21/02/2021	128	Right lane	33	
BLACK STREET	300	400	21/02/2021	117	Left lane	43	
BLACK STREET	300	400	21/02/2021	96	Right lane	48	
BLACK STREET	400	500	21/02/2021	68	Left lane	44	
BLACK STREET	400	500	21/02/2021	88	Right lane	50	
BLACK STREET	500	600	21/02/2021	99	Left lane	47	
BLACK STREET	500	600	21/02/2021	82	Right lane	50	
BLACK STREET	600	700	21/02/2021	84	Left lane	45	
BLACK STREET	600	700	21/02/2021	67	Right lane	49	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

BLACK STREET	700	800	21/02/2021	81	Left lane	48	
BLACK STREET	700	800	21/02/2021	59	Right lane	48	
BLACK STREET	800	900	21/02/2021	72	Left lane	46	
BLACK STREET	800	900	21/02/2021	56	Right lane	46	
BLACK STREET	900	1000	21/02/2021	170	Left lane	26	
BLACK STREET	900	1000	21/02/2021	129	Right lane	30	
BLACK STREET	1000	1100	21/02/2021	108	Left lane	43	
BLACK STREET	1000	1100	21/02/2021	103	Right lane	50	
BLACK STREET	1100	1200	21/02/2021	109	Left lane	46	
BLACK STREET	1100	1200	21/02/2021	81	Right lane	45	
BLACK STREET	1200	1300	21/02/2021	105	Left lane	46	
BLACK STREET	1200	1300	21/02/2021	89	Right lane	45	
BLACK STREET	1300	1400	21/02/2021	121	Left lane	47	
BLACK STREET	1300	1400	21/02/2021	96	Right lane	44	
BLACK STREET	1400	1500	21/02/2021	95	Left lane	48	
BLACK STREET	1400	1500	21/02/2021	81	Right lane	44	
BLACK STREET	1500	1572	21/02/2021	115	Left lane	32	
BLACK STREET	1500	1572	21/02/2021	92	Right lane	29	
BLAKES APPROACH	0	100	23/02/2021	85	Left lane	34	
BLAKES APPROACH	0	100	23/02/2021	66	Right lane	43	
BLAKES APPROACH	100	200	23/02/2021	76	Left lane	51	
BLAKES APPROACH	100	200	23/02/2021	76	Right lane	52	
BLAKES APPROACH	200	300	23/02/2021	66	Left lane	52	
BLAKES APPROACH	200	300	23/02/2021	66	Right lane	54	
BLAKES APPROACH	300	400	23/02/2021	71	Left lane	49	
BLAKES APPROACH	300	400	23/02/2021	92	Right lane	52	
BLAKES APPROACH	400	500	23/02/2021	114	Left lane	49	
BLAKES APPROACH	400	500	23/02/2021	154	Right lane	43	
BLAKES APPROACH	500	516	23/02/2021	158	Left lane	28	
BLAKES APPROACH	500	516	23/02/2021	104	Right lane	24	
BLUE BAY ROAD	0	100	23/02/2021	88	Left lane	31	Speed humps
BLUE BAY ROAD	0	100	23/02/2021	115	Right lane	31	
BLUE BAY ROAD	100	200	23/02/2021	44	Left lane	44	
BLUE BAY ROAD	100	200	23/02/2021	63	Right lane	45	
BLUE BAY ROAD	200	300	23/02/2021	111	Left lane	32	Speed humps
BLUE BAY ROAD	200	300	23/02/2021	104	Right lane	34	
BLUE BAY ROAD	300	400	23/02/2021	98	Left lane	28	Speed humps
BLUE BAY ROAD	300	400	23/02/2021	107	Right lane	35	
BLUE BAY ROAD	400	485	23/02/2021	106	Left lane	19	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

BLUE BAY ROAD	400	485	23/02/2021	72	Right lane	21	
BRACKEN STREET	100	200	21/02/2021	132	Left lane	8	
BRACKEN STREET	100	200	21/02/2021	149	Right lane	25	
BRACKEN STREET	200	300	21/02/2021	77	Left lane	38	
BRACKEN STREET	200	300	21/02/2021	99	Right lane	47	
BRACKEN STREET	300	400	21/02/2021	77	Left lane	51	
BRACKEN STREET	300	400	21/02/2021	90	Right lane	49	
BRACKEN STREET	400	500	21/02/2021	108	Left lane	37	
BRACKEN STREET	400	500	21/02/2021	129	Right lane	29	
BRIAN AVENUE	0	100	21/02/2021	118	Left lane	29	
BRIAN AVENUE	0	100	21/02/2021	100	Right lane	29	
BRIAN AVENUE	100	200	21/02/2021	92	Left lane	31	Speed humps
BRIAN AVENUE	100	200	21/02/2021	119	Right lane	35	
BRIAN AVENUE	200	300	21/02/2021	67	Left lane	44	
BRIAN AVENUE	200	300	21/02/2021	78	Right lane	37	
BRIAN AVENUE	300	342	21/02/2021	141	Left lane	27	
BRIAN AVENUE	300	342	21/02/2021	128	Right lane	22	
BRIDGE STREET SLIP	0	56	25/02/2021	96	Left lane	30	Post-Survey Added val
BRIDGE STREET SLIP	0	56	25/02/2021	96	Right lane	30	Post-Survey Added val
BROWNE STREET	0	100	24/02/2021	105	Left lane	35	
BROWNE STREET	0	100	24/02/2021	95	Right lane	37	
BROWNE STREET	100	200	24/02/2021	91	Left lane	43	
BROWNE STREET	100	200	24/02/2021	81	Right lane	40	
BROWNE STREET	200	241	24/02/2021	111	Left lane	25	
BROWNE STREET	200	241	24/02/2021	129	Right lane	24	
BROWNLIE ROAD	0	100	21/02/2021	102	Left lane	35	
BROWNLIE ROAD	0	100	21/02/2021	88	Right lane	37	
BROWNLIE ROAD	100	200	21/02/2021	69	Left lane	45	
BROWNLIE ROAD	100	200	21/02/2021	65	Right lane	43	
BROWNLIE ROAD	200	300	21/02/2021	53	Left lane	57	
BROWNLIE ROAD	200	300	21/02/2021	57	Right lane	45	
BROWNLIE ROAD	300	400	21/02/2021	84	Left lane	53	
BROWNLIE ROAD	300	400	21/02/2021	82	Right lane	40	
BROWNLIE ROAD	400	479	21/02/2021	107	Left lane	44	
BROWNLIE ROAD	400	479	21/02/2021	128	Right lane	32	
BROWNS CUL-DE-SAC	0	23	25/02/2021	96	Left lane	30	Post-Survey Added val
BROWNS CUL-DE-SAC	0	23	25/02/2021	96	Right lane	30	Post-Survey Added val
BROWNS RISE	0	100	23/02/2021	126	Left lane	23	
BROWNS RISE	0	100	23/02/2021	133	Right lane	20	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

BROWNS RISE	100	200	23/02/2021	94	Left lane	37
BROWNS RISE	100	200	23/02/2021	88	Right lane	42
BROWNS RISE	200	300	23/02/2021	108	Left lane	30
BROWNS RISE	200	300	23/02/2021	123	Right lane	31
BROWNS RISE	300	400	23/02/2021	122	Left lane	29
BROWNS RISE	300	400	23/02/2021	124	Right lane	34
BROWNS RISE	400	500	23/02/2021	120	Left lane	28
BROWNS RISE	400	500	23/02/2021	96	Right lane	40
BROWNS RISE	500	605	23/02/2021	119	Left lane	24
BROWNS RISE	500	605	23/02/2021	131	Right lane	30
CAMPBELL STREET	0	100	21/02/2021	143	Left lane	34
CAMPBELL STREET	0	100	21/02/2021	119	Right lane	37
CAMPBELL STREET	100	200	21/02/2021	99	Left lane	47
CAMPBELL STREET	100	200	21/02/2021	100	Right lane	46
CAMPBELL STREET	200	300	21/02/2021	108	Left lane	45
CAMPBELL STREET	200	300	21/02/2021	116	Right lane	44
CAMPBELL STREET	300	400	21/02/2021	111	Left lane	44
CAMPBELL STREET	300	400	21/02/2021	107	Right lane	44
CAMPBELL STREET	400	500	21/02/2021	97	Left lane	47
CAMPBELL STREET	400	500	21/02/2021	88	Right lane	41
CAMPBELL STREET	500	600	21/02/2021	156	Left lane	29
CAMPBELL STREET	500	600	21/02/2021	170	Right lane	34
CAMPBELL STREET	600	700	21/02/2021	169	Left lane	43
CAMPBELL STREET	600	700	21/02/2021	115	Right lane	49
CAMPBELL STREET	700	800	21/02/2021	116	Left lane	46
CAMPBELL STREET	700	800	21/02/2021	103	Right lane	49
CAMPBELL STREET	800	900	21/02/2021	97	Left lane	49
CAMPBELL STREET	800	900	21/02/2021	93	Right lane	50
CAMPBELL STREET	900	984	21/02/2021	125	Left lane	33
CAMPBELL STREET	900	984	21/02/2021	147	Right lane	30
CARROLL STREET (FRASERTOWN)	0	100	21/02/2021	133	Left lane	37
CARROLL STREET (FRASERTOWN)	0	100	21/02/2021	114	Right lane	40
CARROLL STREET (FRASERTOWN)	100	200	21/02/2021	82	Left lane	51
CARROLL STREET (FRASERTOWN)	100	200	21/02/2021	100	Right lane	49
CARROLL STREET (FRASERTOWN)	200	300	21/02/2021	83	Left lane	51
CARROLL STREET (FRASERTOWN)	200	300	21/02/2021	93	Right lane	42
CARROLL STREET (FRASERTOWN)	300	400	21/02/2021	111	Left lane	39
CARROLL STREET (FRASERTOWN)	300	400	21/02/2021	117	Right lane	22
CARROLL STREET (WAIROA)	0	100	22/02/2021	109	Left lane	30

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

CARROLL STREET (WAIROA)	0	100	22/02/2021	73	Right lane	43
CARROLL STREET (WAIROA)	100	200	22/02/2021	142	Left lane	46
CARROLL STREET (WAIROA)	100	200	22/02/2021	121	Right lane	50
CARROLL STREET (WAIROA)	200	300	22/02/2021	125	Left lane	46
CARROLL STREET (WAIROA)	200	300	22/02/2021	104	Right lane	48
CARROLL STREET (WAIROA)	300	388	22/02/2021	116	Left lane	43
CARROLL STREET (WAIROA)	300	388	22/02/2021	149	Right lane	40
CHAMBERLAIN AVENUE	0	100	21/02/2021	138	Left lane	32
CHAMBERLAIN AVENUE	0	100	21/02/2021	115	Right lane	32
CHAMBERLAIN AVENUE	100	200	21/02/2021	68	Left lane	36
CHAMBERLAIN AVENUE	100	200	21/02/2021	74	Right lane	38
CHAMBERLAIN AVENUE	200	300	21/02/2021	92	Left lane	37
CHAMBERLAIN AVENUE	200	300	21/02/2021	88	Right lane	37
CHAMBERLAIN AVENUE	300	349	21/02/2021	110	Left lane	23
CHAMBERLAIN AVENUE	300	349	21/02/2021	166	Right lane	17
CHURCHILL AVENUE	0	100	21/02/2021	116	Left lane	31
CHURCHILL AVENUE	0	100	21/02/2021	76	Right lane	36
CHURCHILL AVENUE	100	200	21/02/2021	74	Left lane	40
CHURCHILL AVENUE	100	200	21/02/2021	51	Right lane	40
CHURCHILL AVENUE	200	300	21/02/2021	62	Left lane	34
CHURCHILL AVENUE	200	300	21/02/2021	75	Right lane	30
CHURCHILL AVENUE	300	400	21/02/2021	94	Left lane	36
CHURCHILL AVENUE	300	400	21/02/2021	111	Right lane	36
CHURCHILL AVENUE	400	435	21/02/2021	103	Left lane	30
CHURCHILL AVENUE	400	435	21/02/2021	127	Right lane	26
CLYDE ROAD	0	100	21/02/2021	104	Left lane	36
CLYDE ROAD	0	100	21/02/2021	102	Right lane	44
CLYDE ROAD	100	200	21/02/2021	80	Left lane	52
CLYDE ROAD	100	200	21/02/2021	97	Right lane	51
CLYDE ROAD	200	300	21/02/2021	122	Left lane	44
CLYDE ROAD	200	300	21/02/2021	147	Right lane	36
CLYDE ROAD	300	400	21/02/2021	140	Left lane	32
CLYDE ROAD	300	400	21/02/2021	97	Right lane	41
CLYDE ROAD	400	500	21/02/2021	99	Left lane	47
CLYDE ROAD	400	500	21/02/2021	134	Right lane	51
CLYDE ROAD	500	600	21/02/2021	164	Left lane	49
CLYDE ROAD	500	600	21/02/2021	159	Right lane	51
CLYDE ROAD	600	700	21/02/2021	111	Left lane	46
CLYDE ROAD	600	700	21/02/2021	114	Right lane	42

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

CLYDE ROAD	700	800	21/02/2021	149	Left lane	30	
CLYDE ROAD	700	800	21/02/2021	149	Right lane	25	
CLYDE ROAD	800	900	21/02/2021	85	Left lane	46	
CLYDE ROAD	800	900	21/02/2021	81	Right lane	45	
CLYDE ROAD	900	1000	21/02/2021	78	Left lane	49	
CLYDE ROAD	900	1000	21/02/2021	127	Right lane	49	
CLYDE ROAD	1000	1100	21/02/2021	98	Left lane	48	
CLYDE ROAD	1000	1100	21/02/2021	69	Right lane	52	
CLYDE ROAD	1100	1200	21/02/2021	90	Left lane	51	
CLYDE ROAD	1100	1200	21/02/2021	135	Right lane	48	
CLYDE ROAD	1200	1300	21/02/2021	148	Left lane	47	
CLYDE ROAD	1200	1300	21/02/2021	86	Right lane	49	
CLYDE ROAD	1300	1400	21/02/2021	104	Left lane	48	
CLYDE ROAD	1300	1400	21/02/2021	75	Right lane	50	
CLYDE ROAD	1400	1500	21/02/2021	126	Left lane	41	
CLYDE ROAD	1400	1500	21/02/2021	87	Right lane	38	
CLYDE ROAD	1500	1600	21/02/2021	101	Left lane	38	
CLYDE ROAD	1500	1600	21/02/2021	104	Right lane	44	
CLYDE ROAD	1600	1700	21/02/2021	97	Left lane	47	
CLYDE ROAD	1600	1700	21/02/2021	69	Right lane	52	
CLYDE ROAD	1700	1800	21/02/2021	64	Left lane	46	
CLYDE ROAD	1700	1800	21/02/2021	68	Right lane	47	
CLYDE ROAD	1800	1854	21/02/2021	144	Left lane	32	
CLYDE ROAD	1800	1854	21/02/2021	152	Right lane	27	
COLIN STREET	0	100	24/02/2021	102	Left lane	37	
COLIN STREET	0	100	24/02/2021	104	Right lane	30	
COLIN STREET	100	200	24/02/2021	114	Left lane	43	
COLIN STREET	100	200	24/02/2021	95	Right lane	38	
COLIN STREET	200	239	24/02/2021	146	Left lane	26	
COLIN STREET	200	239	24/02/2021	138	Right lane	24	
CORKILL AVENUE	0	100	21/02/2021	93	Left lane	26	
CORKILL AVENUE	0	100	21/02/2021	126	Right lane	26	
CORKILL AVENUE	100	136	21/02/2021	140	Left lane	18	
CORKILL AVENUE	100	136	21/02/2021	118	Right lane	16	
CORKILL AVENUE EXTENSION	0	69	25/02/2021	96	Left lane	30	Post-Survey Added val
CORKILL AVENUE EXTENSION	0	69	25/02/2021	96	Right lane	30	Post-Survey Added val
CRARER STREET	0	100	22/02/2021	121	Left lane	33	
CRARER STREET	0	100	22/02/2021	113	Right lane	39	
CRARER STREET	100	200	22/02/2021	122	Left lane	44	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

CRARER STREET	100	200	22/02/2021	104	Right lane	48
CRARER STREET	200	300	22/02/2021	109	Left lane	45
CRARER STREET	200	300	22/02/2021	90	Right lane	44
CRARER STREET	300	400	22/02/2021	96	Left lane	46
CRARER STREET	300	400	22/02/2021	81	Right lane	47
CRARER STREET	400	500	22/02/2021	63	Left lane	49
CRARER STREET	400	500	22/02/2021	74	Right lane	49
CRARER STREET	500	530	22/02/2021	102	Left lane	46
CRARER STREET	500	530	22/02/2021	67	Right lane	45
CRICKLEWOOD ROAD	0	100	20/02/2021	133	Left lane	41
CRICKLEWOOD ROAD	0	100	20/02/2021	106	Right lane	34
CRICKLEWOOD ROAD	100	200	20/02/2021	73	Left lane	53
CRICKLEWOOD ROAD	100	200	20/02/2021	82	Right lane	59
CRICKLEWOOD ROAD	200	300	20/02/2021	122	Left lane	50
CRICKLEWOOD ROAD	200	300	20/02/2021	86	Right lane	57
CRICKLEWOOD ROAD	300	400	20/02/2021	79	Left lane	54
CRICKLEWOOD ROAD	300	400	20/02/2021	82	Right lane	67
CRICKLEWOOD ROAD	400	500	20/02/2021	69	Left lane	61
CRICKLEWOOD ROAD	400	500	20/02/2021	66	Right lane	79
CRICKLEWOOD ROAD	500	600	20/02/2021	57	Left lane	67
CRICKLEWOOD ROAD	500	600	20/02/2021	51	Right lane	82
CRICKLEWOOD ROAD	600	700	20/02/2021	65	Left lane	71
CRICKLEWOOD ROAD	600	700	20/02/2021	74	Right lane	79
CRICKLEWOOD ROAD	700	800	20/02/2021	81	Left lane	74
CRICKLEWOOD ROAD	700	800	20/02/2021	68	Right lane	80
CRICKLEWOOD ROAD	800	900	20/02/2021	70	Left lane	77
CRICKLEWOOD ROAD	800	900	20/02/2021	56	Right lane	78
CRICKLEWOOD ROAD	900	1000	20/02/2021	47	Left lane	79
CRICKLEWOOD ROAD	900	1000	20/02/2021	48	Right lane	76
CRICKLEWOOD ROAD	1000	1100	20/02/2021	51	Left lane	74
CRICKLEWOOD ROAD	1000	1100	20/02/2021	63	Right lane	72
CRICKLEWOOD ROAD	1100	1200	20/02/2021	77	Left lane	62
CRICKLEWOOD ROAD	1100	1200	20/02/2021	80	Right lane	63
CRICKLEWOOD ROAD	1200	1300	20/02/2021	114	Left lane	55
CRICKLEWOOD ROAD	1200	1300	20/02/2021	110	Right lane	58
CRICKLEWOOD ROAD	1300	1400	20/02/2021	83	Left lane	58
CRICKLEWOOD ROAD	1300	1400	20/02/2021	101	Right lane	57
CRICKLEWOOD ROAD	1400	1500	20/02/2021	63	Left lane	65
CRICKLEWOOD ROAD	1400	1500	20/02/2021	69	Right lane	66

Project Number 2-Y1300 DM VT121
 Wairoa District Council
 2020 Rfoughness Report

CRICKLEWOOD ROAD	1500	1600	20/02/2021	62	Left lane	69	
CRICKLEWOOD ROAD	1500	1600	20/02/2021	88	Right lane	61	
CRICKLEWOOD ROAD	1600	1700	20/02/2021	81	Left lane	68	
CRICKLEWOOD ROAD	1600	1700	20/02/2021	88	Right lane	58	
CRICKLEWOOD ROAD	1700	1800	20/02/2021	81	Left lane	69	
CRICKLEWOOD ROAD	1700	1800	20/02/2021	55	Right lane	61	
CRICKLEWOOD ROAD	1800	1900	20/02/2021	131	Left lane	70	
CRICKLEWOOD ROAD	1800	1900	20/02/2021	69	Right lane	65	
CRICKLEWOOD ROAD	1900	2000	20/02/2021	74	Left lane	64	
CRICKLEWOOD ROAD	1900	2000	20/02/2021	72	Right lane	61	
CRICKLEWOOD ROAD	2000	2100	20/02/2021	76	Left lane	61	
CRICKLEWOOD ROAD	2000	2100	20/02/2021	76	Right lane	58	
CRICKLEWOOD ROAD	2100	2200	20/02/2021	89	Left lane	60	
CRICKLEWOOD ROAD	2100	2200	20/02/2021	72	Right lane	59	
CRICKLEWOOD ROAD	2200	2300	20/02/2021	75	Left lane	58	
CRICKLEWOOD ROAD	2200	2300	20/02/2021	108	Right lane	55	
CRICKLEWOOD ROAD	2300	2400	20/02/2021	83	Left lane	62	
CRICKLEWOOD ROAD	2300	2400	20/02/2021	88	Right lane	54	
CRICKLEWOOD ROAD	2400	2500	20/02/2021	73	Left lane	50	
CRICKLEWOOD ROAD	2400	2500	20/02/2021	91	Right lane	49	
CRICKLEWOOD ROAD	2500	2600	20/02/2021	81	Left lane	53	
CRICKLEWOOD ROAD	2500	2600	20/02/2021	72	Right lane	54	
CRICKLEWOOD ROAD	2600	2700	20/02/2021	145	Left lane	55	
CRICKLEWOOD ROAD	2600	2700	20/02/2021	79	Right lane	58	
CRICKLEWOOD ROAD	2700	2800	20/02/2021	76	Left lane	58	
CRICKLEWOOD ROAD	2700	2800	20/02/2021	86	Right lane	64	
CRICKLEWOOD ROAD	2800	2900	20/02/2021	67	Left lane	63	
CRICKLEWOOD ROAD	2800	2900	20/02/2021	70	Right lane	73	
CRICKLEWOOD ROAD	2900	3000	20/02/2021	98	Left lane	65	
CRICKLEWOOD ROAD	2900	3000	20/02/2021	75	Right lane	73	
CRICKLEWOOD ROAD	3000	3100	20/02/2021	102	Left lane	52	BRIDGE Abutment end (Both)
CRICKLEWOOD ROAD	3000	3100	20/02/2021	94	Right lane	57	
CRICKLEWOOD ROAD	3100	3200	20/02/2021	146	Left lane	45	BRIDGE Abutment end (Both)
CRICKLEWOOD ROAD	3100	3200	20/02/2021	186	Right lane	57	
CRICKLEWOOD ROAD	3200	3300	20/02/2021	71	Left lane	52	
CRICKLEWOOD ROAD	3200	3300	20/02/2021	76	Right lane	55	
CRICKLEWOOD ROAD	3300	3400	20/02/2021	100	Left lane	57	
CRICKLEWOOD ROAD	3300	3400	20/02/2021	83	Right lane	54	
CRICKLEWOOD ROAD	3400	3500	20/02/2021	79	Left lane	59	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

CRICKLEWOOD ROAD	3400	3500	20/02/2021	72	Right lane	64
CRICKLEWOOD ROAD	3500	3600	20/02/2021	97	Left lane	56
CRICKLEWOOD ROAD	3500	3600	20/02/2021	74	Right lane	68
CRICKLEWOOD ROAD	3600	3700	20/02/2021	95	Left lane	57
CRICKLEWOOD ROAD	3600	3700	20/02/2021	94	Right lane	74
CRICKLEWOOD ROAD	3700	3800	20/02/2021	90	Left lane	60
CRICKLEWOOD ROAD	3700	3800	20/02/2021	71	Right lane	75
CRICKLEWOOD ROAD	3800	3900	20/02/2021	84	Left lane	64
CRICKLEWOOD ROAD	3800	3900	20/02/2021	65	Right lane	73
CRICKLEWOOD ROAD	3900	4000	20/02/2021	155	Left lane	64
CRICKLEWOOD ROAD	3900	4000	20/02/2021	112	Right lane	68
CRICKLEWOOD ROAD	4000	4100	20/02/2021	135	Left lane	60
CRICKLEWOOD ROAD	4000	4100	20/02/2021	115	Right lane	63
CRICKLEWOOD ROAD	4100	4200	20/02/2021	88	Left lane	58
CRICKLEWOOD ROAD	4100	4200	20/02/2021	95	Right lane	56
CRICKLEWOOD ROAD	4200	4300	20/02/2021	97	Left lane	54
CRICKLEWOOD ROAD	4200	4300	20/02/2021	105	Right lane	53
CRICKLEWOOD ROAD	4300	4400	20/02/2021	120	Left lane	52
CRICKLEWOOD ROAD	4300	4400	20/02/2021	69	Right lane	55
CRICKLEWOOD ROAD	4400	4500	20/02/2021	120	Left lane	49
CRICKLEWOOD ROAD	4400	4500	20/02/2021	111	Right lane	51
CRICKLEWOOD ROAD	4500	4600	20/02/2021	119	Left lane	47
CRICKLEWOOD ROAD	4500	4600	20/02/2021	87	Right lane	54
CRICKLEWOOD ROAD	4600	4700	20/02/2021	89	Left lane	51
CRICKLEWOOD ROAD	4600	4700	20/02/2021	79	Right lane	53
CRICKLEWOOD ROAD	4700	4800	20/02/2021	85	Left lane	44
CRICKLEWOOD ROAD	4700	4800	20/02/2021	86	Right lane	42
CRICKLEWOOD ROAD	4800	4825	20/02/2021	140	Left lane	39
CRICKLEWOOD ROAD	4800	4825	20/02/2021	152	Right lane	21
DELHI STREET	0	100	23/02/2021	121	Left lane	34
DELHI STREET	0	100	23/02/2021	137	Right lane	32
DELHI STREET	100	200	23/02/2021	133	Left lane	40
DELHI STREET	100	200	23/02/2021	118	Right lane	41
DELHI STREET	200	244	23/02/2021	253	Left lane	30
DELHI STREET	200	244	23/02/2021	142	Right lane	31
DOMMETT STREET	0	100	23/02/2021	109	Left lane	31
DOMMETT STREET	0	100	23/02/2021	92	Right lane	37
DOMMETT STREET	100	200	23/02/2021	93	Left lane	42
DOMMETT STREET	100	200	23/02/2021	105	Right lane	44

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

DOMMETT STREET	200	275	23/02/2021	81	Left lane	32	
DOMMETT STREET	200	275	23/02/2021	89	Right lane	30	
EPANAIA STREET	0	100	22/02/2021	101	Left lane	38	
EPANAIA STREET	0	100	22/02/2021	101	Right lane	44	
EPANAIA STREET	100	168	22/02/2021	107	Left lane	35	
EPANAIA STREET	100	168	22/02/2021	109	Right lane	32	
EREPI TI ROAD	1000	1100	25/02/2021	96	Left lane	30	Post-Survey Added val
EREPI TI ROAD	1000	1100	25/02/2021	96	Right lane	30	Post-Survey Added val
EREPI TI ROAD	1100	1123	25/02/2021	96	Left lane	30	Post-Survey Added val
EREPI TI ROAD	1100	1123	25/02/2021	96	Right lane	30	Post-Survey Added val
FITZROY STREET	0	100	24/02/2021	116	Left lane	34	
FITZROY STREET	0	100	24/02/2021	108	Right lane	32	
FITZROY STREET	100	200	24/02/2021	83	Left lane	42	
FITZROY STREET	100	200	24/02/2021	91	Right lane	37	
FITZROY STREET	200	243	24/02/2021	154	Left lane	25	
FITZROY STREET	200	243	24/02/2021	126	Right lane	19	
FLAXMILL ROAD	0	100	22/02/2021	86	Left lane	30	
FLAXMILL ROAD	0	100	22/02/2021	106	Right lane	34	
FLAXMILL ROAD	100	125	22/02/2021	107	Left lane	28	
FLAXMILL ROAD	100	125	22/02/2021	128	Right lane	21	
FORTESQUE STREET (NORTH)	0	100	23/02/2021	94	Left lane	35	
FORTESQUE STREET (NORTH)	0	100	23/02/2021	111	Right lane	37	
FORTESQUE STREET (NORTH)	100	200	23/02/2021	83	Left lane	47	
FORTESQUE STREET (NORTH)	100	200	23/02/2021	95	Right lane	43	
FORTESQUE STREET (NORTH)	200	300	23/02/2021	132	Left lane	30	
FORTESQUE STREET (NORTH)	200	300	23/02/2021	144	Right lane	35	
FORTESQUE STREET (NORTH)	300	400	23/02/2021	78	Left lane	45	
FORTESQUE STREET (NORTH)	300	400	23/02/2021	98	Right lane	46	
FORTESQUE STREET (NORTH)	400	500	23/02/2021	120	Left lane	42	
FORTESQUE STREET (NORTH)	400	500	23/02/2021	96	Right lane	38	
FORTESQUE STREET (NORTH)	500	525	23/02/2021	83	Left lane	28	
FORTESQUE STREET (NORTH)	500	525	23/02/2021	99	Right lane	12	
FORTESQUE STREET (SOUTH)	0	100	23/02/2021	92	Left lane	33	
FORTESQUE STREET (SOUTH)	0	100	23/02/2021	80	Right lane	33	
FORTESQUE STREET (SOUTH)	100	200	23/02/2021	114	Left lane	35	
FORTESQUE STREET (SOUTH)	100	200	23/02/2021	110	Right lane	28	
FRASER STREET	0	100	24/02/2021	92	Left lane	41	
FRASER STREET	0	100	24/02/2021	135	Right lane	44	
FRASER STREET	100	200	24/02/2021	94	Left lane	44	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

FRASER STREET	100	200	24/02/2021	108	Right lane	51	
FRASER STREET	200	300	24/02/2021	98	Left lane	45	
FRASER STREET	200	300	24/02/2021	89	Right lane	52	
FRASER STREET	300	400	24/02/2021	87	Left lane	48	
FRASER STREET	300	400	24/02/2021	80	Right lane	51	
FRASER STREET	400	500	24/02/2021	82	Left lane	50	
FRASER STREET	400	500	24/02/2021	93	Right lane	50	
FRASER STREET	500	600	24/02/2021	78	Left lane	52	
FRASER STREET	500	600	24/02/2021	95	Right lane	51	
FRASER STREET	600	700	24/02/2021	112	Left lane	44	
FRASER STREET	600	700	24/02/2021	112	Right lane	53	
FRASER STREET	700	800	24/02/2021	80	Left lane	38	
FRASER STREET	700	800	24/02/2021	83	Right lane	43	
FRASER STREET	800	836	24/02/2021	165	Left lane	28	
FRASER STREET	800	836	24/02/2021	199	Right lane	29	
FREYBERG STREET	0	100	22/02/2021	82	Left lane	29	
FREYBERG STREET	0	100	22/02/2021	88	Right lane	35	
FREYBERG STREET	100	200	22/02/2021	144	Left lane	26	
FREYBERG STREET	100	200	22/02/2021	166	Right lane	31	
FREYBERG STREET	200	300	22/02/2021	99	Left lane	42	
FREYBERG STREET	200	300	22/02/2021	87	Right lane	43	
FREYBERG STREET	300	400	22/02/2021	116	Left lane	37	
FREYBERG STREET	300	400	22/02/2021	106	Right lane	34	
FREYBERG STREET	400	500	22/02/2021	145	Left lane	32	
FREYBERG STREET	400	500	22/02/2021	121	Right lane	36	
FREYBERG STREET	500	600	22/02/2021	112	Left lane	46	
FREYBERG STREET	500	600	22/02/2021	74	Right lane	44	
FREYBERG STREET	600	700	22/02/2021	125	Left lane	42	
FREYBERG STREET	600	700	22/02/2021	112	Right lane	32	
FREYBERG STREET	700	724	22/02/2021	110	Left lane	26	
FREYBERG STREET	700	724	22/02/2021	114	Right lane	7	
GLENBROOK ROAD	0	100	20/02/2021	178	Left lane	27	BRIDGE Abutment enc (Both)
GLENBROOK ROAD	0	100	20/02/2021	180	Right lane	28	
GLENBROOK ROAD	100	200	20/02/2021	121	Left lane	38	
GLENBROOK ROAD	100	200	20/02/2021	111	Right lane	41	
GLENBROOK ROAD	200	300	20/02/2021	111	Left lane	38	
GLENBROOK ROAD	200	300	20/02/2021	83	Right lane	45	
GLENBROOK ROAD	300	400	20/02/2021	115	Left lane	32	
GLENBROOK ROAD	300	400	20/02/2021	111	Right lane	35	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

GLENBROOK ROAD	400	452	20/02/2021	126	Left lane	25	
GLENBROOK ROAD	400	451	20/02/2021	114	Right lane	21	
GLENBROOK ROAD	700	800	20/02/2021	103	Left lane	31	
GLENBROOK ROAD	700	800	20/02/2021	107	Right lane	39	
GLENBROOK ROAD	800	900	20/02/2021	115	Left lane	37	
GLENBROOK ROAD	800	900	20/02/2021	114	Right lane	41	
GLENBROOK ROAD	900	1000	20/02/2021	148	Left lane	33	BRIDGE Abutment end (Both)
GLENBROOK ROAD	900	1000	20/02/2021	144	Right lane	32	
GLENBROOK ROAD	1000	1100	20/02/2021	125	Left lane	34	
GLENBROOK ROAD	1000	1100	20/02/2021	118	Right lane	32	
GLENBROOK ROAD	1100	1200	20/02/2021	168	Left lane	38	
GLENBROOK ROAD	1100	1200	20/02/2021	152	Right lane	30	
GLENBROOK ROAD	1200	1240	20/02/2021	90	Left lane	32	
GLENBROOK ROAD	1200	1240	20/02/2021	106	Right lane	24	
GLENBROOK ROAD	5200	5300	20/02/2021	167	Left lane	19	BRIDGE Abutment end (Both)
GLENBROOK ROAD	5200	5300	20/02/2021	153	Right lane	29	
GLENBROOK ROAD	5300	5358	20/02/2021	107	Left lane	28	BRIDGE Abutment end (Both)
GLENBROOK ROAD	5300	5358	20/02/2021	119	Right lane	28	
GLENBROOK ROAD	6200	6300	20/02/2021	131	Left lane	19	
GLENBROOK ROAD	6200	6300	20/02/2021	87	Right lane	23	
GLENBROOK ROAD	6300	6400	20/02/2021	137	Left lane	27	
GLENBROOK ROAD	6300	6400	20/02/2021	117	Right lane	30	
GLENBROOK ROAD	6400	6500	20/02/2021	128	Left lane	29	
GLENBROOK ROAD	6400	6500	20/02/2021	125	Right lane	31	
GLENBROOK ROAD	6500	6600	20/02/2021	89	Left lane	30	
GLENBROOK ROAD	6500	6600	20/02/2021	100	Right lane	36	
GLENBROOK ROAD	6600	6700	20/02/2021	139	Left lane	28	
GLENBROOK ROAD	6600	6700	20/02/2021	135	Right lane	29	
GLENBROOK ROAD	6700	6758	20/02/2021	109	Left lane	24	
GLENBROOK ROAD	6700	6758	20/02/2021	104	Right lane	25	
GLENDINNING ROAD	0	100	20/02/2021	131	Left lane	35	
GLENDINNING ROAD	0	100	20/02/2021	103	Right lane	32	
GLENDINNING ROAD	100	135	20/02/2021	120	Left lane	32	
GLENDINNING ROAD	100	135	20/02/2021	136	Right lane	23	
GLENGARRY PLACE	0	100	22/02/2021	73	Left lane	31	
GLENGARRY PLACE	0	100	22/02/2021	63	Right lane	27	
GLENGARRY PLACE	100	200	22/02/2021	67	Left lane	32	
GLENGARRY PLACE	100	200	22/02/2021	66	Right lane	31	
GLENGARRY PLACE	200	270	22/02/2021	144	Left lane	28	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

GLENGARRY PLACE	200	270	22/02/2021	130	Right lane	22	
GOLDSMITH STREET	0	100	21/02/2021	128	Left lane	29	
GOLDSMITH STREET	0	100	21/02/2021	131	Right lane	31	
GOLDSMITH STREET	100	200	21/02/2021	107	Left lane	37	
GOLDSMITH STREET	100	200	21/02/2021	99	Right lane	38	
GOLDSMITH STREET	200	206	21/02/2021	162	Left lane	13	
GOLDSMITH STREET	200	206	21/02/2021	198	Right lane	17	
GRANT STREET	0	100	24/02/2021	76	Left lane	34	
GRANT STREET	0	100	24/02/2021	55	Right lane	38	
GRANT STREET	100	200	24/02/2021	78	Left lane	50	
GRANT STREET	100	200	24/02/2021	67	Right lane	44	
GRANT STREET	200	242	24/02/2021	77	Left lane	39	
GRANT STREET	200	242	24/02/2021	112	Right lane	33	
GREY STREET (FRASERTOWN)	0	100	21/02/2021	86	Left lane	31	
GREY STREET (FRASERTOWN)	0	100	21/02/2021	67	Right lane	43	
GREY STREET (FRASERTOWN)	100	200	21/02/2021	66	Left lane	46	
GREY STREET (FRASERTOWN)	100	200	21/02/2021	68	Right lane	53	
GREY STREET (FRASERTOWN)	200	300	21/02/2021	101	Left lane	36	
GREY STREET (FRASERTOWN)	200	300	21/02/2021	105	Right lane	33	
GREY STREET (FRASERTOWN)	300	400	21/02/2021	71	Left lane	44	
GREY STREET (FRASERTOWN)	300	400	21/02/2021	73	Right lane	47	
GREY STREET (FRASERTOWN)	400	500	21/02/2021	70	Left lane	51	
GREY STREET (FRASERTOWN)	400	500	21/02/2021	83	Right lane	42	
GREY STREET (FRASERTOWN)	500	593	21/02/2021	140	Left lane	37	
GREY STREET (FRASERTOWN)	500	593	21/02/2021	131	Right lane	27	
GREY STREET (WAIROA)	0	100	24/02/2021	125	Left lane	35	
GREY STREET (WAIROA)	0	100	24/02/2021	100	Right lane	38	
GREY STREET (WAIROA)	100	200	24/02/2021	112	Left lane	43	
GREY STREET (WAIROA)	100	200	24/02/2021	118	Right lane	39	
GREY STREET (WAIROA)	200	243	24/02/2021	140	Left lane	21	
GREY STREET (WAIROA)	200	243	24/02/2021	212	Right lane	24	
HAIG STREET	0	100	21/02/2021	152	Left lane	32	
HAIG STREET	0	100	21/02/2021	132	Right lane	36	
HAIG STREET	100	200	21/02/2021	132	Left lane	43	
HAIG STREET	100	200	21/02/2021	112	Right lane	40	
HAIG STREET	200	226	21/02/2021	200	Left lane	12	
HAIG STREET	200	226	21/02/2021	185	Right lane	22	
HAKU STREET	0	47	25/02/2021	96	Left lane	30	Post-Survey Added val
HAKU STREET	0	47	25/02/2021	96	Right lane	30	Post-Survey Added val

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

HARKER AVENUE	0	100	21/02/2021	168	Left lane	24	
HARKER AVENUE	0	100	21/02/2021	169	Right lane	27	
HARKER AVENUE	100	129	21/02/2021	127	Left lane	13	
HARKER AVENUE	100	129	21/02/2021	149	Right lane	9	
HEDLEY PLACE	0	79	25/02/2021	96	Left lane	30	Post-Survey Added val
HEDLEY PLACE	0	79	25/02/2021	96	Right lane	30	Post-Survey Added val
HEREHERETAU ROAD	0	100	23/02/2021	125	Left lane	38	
HEREHERETAU ROAD	0	100	23/02/2021	119	Right lane	43	
HEREHERETAU ROAD	100	200	23/02/2021	72	Left lane	57	
HEREHERETAU ROAD	100	200	23/02/2021	65	Right lane	61	
HEREHERETAU ROAD	200	300	23/02/2021	71	Left lane	59	
HEREHERETAU ROAD	200	300	23/02/2021	67	Right lane	50	
HEREHERETAU ROAD	300	316	23/02/2021	104	Left lane	42	
HEREHERETAU ROAD	300	316	23/02/2021	113	Right lane	38	
HEREHERETAU ROAD	1300	1400	23/02/2021	76	Left lane	47	
HEREHERETAU ROAD	1300	1400	23/02/2021	61	Right lane	59	
HEREHERETAU ROAD	1400	1500	23/02/2021	61	Left lane	58	
HEREHERETAU ROAD	1400	1500	23/02/2021	61	Right lane	69	
HEREHERETAU ROAD	1500	1600	23/02/2021	45	Left lane	63	
HEREHERETAU ROAD	1500	1600	23/02/2021	55	Right lane	62	
HEREHERETAU ROAD	1600	1673	23/02/2021	74	Left lane	49	
HEREHERETAU ROAD	1600	1673	23/02/2021	71	Right lane	47	
HEREHERETAU ROAD	10100	10200	23/02/2021	185	Left lane	33	
HEREHERETAU ROAD	10100	10200	23/02/2021	192	Right lane	38	
HEREHERETAU ROAD	10200	10300	23/02/2021	95	Left lane	39	
HEREHERETAU ROAD	10200	10300	23/02/2021	98	Right lane	40	
HEREHERETAU ROAD	10300	10400	23/02/2021	82	Left lane	43	
HEREHERETAU ROAD	10300	10400	23/02/2021	105	Right lane	47	
HEREHERETAU ROAD	10400	10500	23/02/2021	94	Left lane	37	
HEREHERETAU ROAD	10400	10500	23/02/2021	117	Right lane	47	
HEREHERETAU ROAD	10500	10600	23/02/2021	91	Left lane	40	
HEREHERETAU ROAD	10500	10600	23/02/2021	84	Right lane	43	
HEREHERETAU ROAD	10600	10601	23/02/2021	237	Left lane	36	
HEREHERETAU ROAD	10600	10601	23/02/2021	10	Right lane	37	
HILL ROAD	0	100	22/02/2021	127	Left lane	23	
HILL ROAD	0	100	22/02/2021	139	Right lane	28	
HILL ROAD	100	139	22/02/2021	118	Left lane	22	
HILL ROAD	100	139	22/02/2021	112	Right lane	18	
HILLCREST	0	100	24/02/2021	109	Left lane	30	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

HILLCREST	0	100	24/02/2021	116	Right lane	27
HILLCREST	100	190	24/02/2021	172	Left lane	25
HILLCREST	100	190	24/02/2021	148	Right lane	23
HINEPUA ROAD	0	100	23/02/2021	123	Left lane	35
HINEPUA ROAD	0	100	23/02/2021	113	Right lane	41
HINEPUA ROAD	100	200	23/02/2021	71	Left lane	49
HINEPUA ROAD	100	200	23/02/2021	55	Right lane	48
HINEPUA ROAD	200	300	23/02/2021	80	Left lane	45
HINEPUA ROAD	200	300	23/02/2021	69	Right lane	37
HINEPUA ROAD	300	315	23/02/2021	122	Left lane	24
HINEPUA ROAD	300	315	23/02/2021	189	Right lane	10
HOSTEL LANE	0	100	22/02/2021	256	Left lane	22
HOSTEL LANE	0	100	22/02/2021	256	Right lane	22
HOSTEL LANE	100	200	22/02/2021	223	Left lane	23
HOSTEL LANE	100	200	22/02/2021	223	Right lane	23
HOSTEL LANE	200	216	22/02/2021	252	Left lane	14
HOSTEL LANE	200	216	22/02/2021	252	Right lane	14
HUMPHRIES STREET	0	100	21/02/2021	70	Left lane	35
HUMPHRIES STREET	0	100	21/02/2021	81	Right lane	41
HUMPHRIES STREET	100	200	21/02/2021	63	Left lane	51
HUMPHRIES STREET	100	200	21/02/2021	50	Right lane	51
HUMPHRIES STREET	200	300	21/02/2021	112	Left lane	35
HUMPHRIES STREET	200	300	21/02/2021	95	Right lane	33
HUMPHRIES STREET	300	400	21/02/2021	52	Left lane	46
HUMPHRIES STREET	300	400	21/02/2021	64	Right lane	51
HUMPHRIES STREET	400	500	21/02/2021	68	Left lane	49
HUMPHRIES STREET	400	500	21/02/2021	71	Right lane	48
HUMPHRIES STREET	500	545	21/02/2021	221	Left lane	23
HUMPHRIES STREET	500	545	21/02/2021	127	Right lane	26
HUNT ROAD	0	100	22/02/2021	136	Left lane	30
HUNT ROAD	0	100	22/02/2021	133	Right lane	27
HUNT ROAD	100	200	22/02/2021	117	Left lane	32
HUNT ROAD	100	200	22/02/2021	119	Right lane	35
HUNT ROAD	200	300	22/02/2021	123	Left lane	41
HUNT ROAD	200	300	22/02/2021	116	Right lane	40
HUNT ROAD	300	400	22/02/2021	118	Left lane	49
HUNT ROAD	300	400	22/02/2021	111	Right lane	50
HUNT ROAD	400	500	22/02/2021	102	Left lane	52
HUNT ROAD	400	500	22/02/2021	90	Right lane	47

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

HUNT ROAD	500	581	22/02/2021	142	Left lane	38	
HUNT ROAD	500	581	22/02/2021	152	Right lane	34	
HUNTERBROWN STREET	0	100	22/02/2021	124	Left lane	34	
HUNTERBROWN STREET	0	100	22/02/2021	119	Right lane	33	
HUNTERBROWN STREET	100	200	22/02/2021	179	Left lane	28	
HUNTERBROWN STREET	100	200	22/02/2021	167	Right lane	26	
HUNTERBROWN STREET	200	300	22/02/2021	101	Left lane	42	
HUNTERBROWN STREET	200	300	22/02/2021	86	Right lane	43	
HUNTERBROWN STREET	300	400	22/02/2021	64	Left lane	44	
HUNTERBROWN STREET	300	400	22/02/2021	78	Right lane	48	
HUNTERBROWN STREET	400	500	22/02/2021	44	Left lane	49	
HUNTERBROWN STREET	400	500	22/02/2021	79	Right lane	48	
HUNTERBROWN STREET	500	600	22/02/2021	85	Left lane	46	
HUNTERBROWN STREET	500	600	22/02/2021	94	Right lane	45	
HUNTERBROWN STREET	600	700	22/02/2021	64	Left lane	44	
HUNTERBROWN STREET	600	700	22/02/2021	106	Right lane	43	
HUNTERBROWN STREET	700	770	22/02/2021	192	Left lane	26	
HUNTERBROWN STREET	700	770	22/02/2021	171	Right lane	27	
HURAMUA ROAD EAST	100	200	24/02/2021	147	Left lane	28	
HURAMUA ROAD EAST	100	200	24/02/2021	140	Right lane	30	
HURAMUA ROAD EAST	200	240	24/02/2021	130	Left lane	30	
HURAMUA ROAD EAST	200	240	24/02/2021	134	Right lane	21	
IHAKA STREET	0	100	22/02/2021	144	Left lane	37	
IHAKA STREET	0	100	22/02/2021	156	Right lane	39	
IHAKA STREET	100	200	22/02/2021	123	Left lane	44	
IHAKA STREET	100	200	22/02/2021	139	Right lane	48	
IHAKA STREET	200	300	22/02/2021	138	Left lane	44	
IHAKA STREET	200	300	22/02/2021	113	Right lane	50	
IHAKA STREET	300	359	22/02/2021	105	Left lane	33	
IHAKA STREET	300	359	22/02/2021	133	Right lane	33	
IWITEA ROAD	0	100	23/02/2021	102	Left lane	32	
IWITEA ROAD	0	100	23/02/2021	127	Right lane	51	
IWITEA ROAD	100	200	23/02/2021	79	Left lane	45	
IWITEA ROAD	100	200	23/02/2021	67	Right lane	63	
IWITEA ROAD	200	300	23/02/2021	105	Left lane	44	BRIDGE Abutment end (Both)
IWITEA ROAD	200	300	23/02/2021	125	Right lane	58	
IWITEA ROAD	300	400	23/02/2021	78	Left lane	50	
IWITEA ROAD	300	400	23/02/2021	66	Right lane	64	
IWITEA ROAD	400	500	23/02/2021	79	Left lane	51	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

IWITEA ROAD	400	500	23/02/2021	82	Right lane	65	
IWITEA ROAD	500	600	23/02/2021	98	Left lane	55	
IWITEA ROAD	500	600	23/02/2021	97	Right lane	60	
IWITEA ROAD	600	700	23/02/2021	96	Left lane	56	
IWITEA ROAD	600	700	23/02/2021	122	Right lane	51	
IWITEA ROAD	700	800	23/02/2021	152	Left lane	44	Railway crossing
IWITEA ROAD	700	800	23/02/2021	154	Right lane	44	
IWITEA ROAD	800	900	23/02/2021	133	Left lane	47	BRIDGE Abutment end (Both)
IWITEA ROAD	800	900	23/02/2021	159	Right lane	44	
IWITEA ROAD	900	1000	23/02/2021	94	Left lane	46	
IWITEA ROAD	900	1000	23/02/2021	131	Right lane	37	
IWITEA ROAD	1000	1100	23/02/2021	98	Left lane	41	
IWITEA ROAD	1000	1100	23/02/2021	84	Right lane	45	
IWITEA ROAD	1100	1200	23/02/2021	96	Left lane	41	
IWITEA ROAD	1100	1200	23/02/2021	88	Right lane	56	
IWITEA ROAD	1200	1300	23/02/2021	78	Left lane	42	
IWITEA ROAD	1200	1300	23/02/2021	65	Right lane	51	
IWITEA ROAD	1300	1358	23/02/2021	127	Left lane	35	
IWITEA ROAD	1300	1358	23/02/2021	122	Right lane	29	
JELICOE AVENUE	0	100	21/02/2021	132	Left lane	35	
JELICOE AVENUE	0	100	21/02/2021	99	Right lane	37	
JELICOE AVENUE	100	200	21/02/2021	95	Left lane	41	
JELICOE AVENUE	100	200	21/02/2021	102	Right lane	40	
JELICOE AVENUE	200	227	21/02/2021	162	Left lane	14	
JELICOE AVENUE	200	227	21/02/2021	232	Right lane	20	
JUDGES PARADE	0	100	23/02/2021	115	Left lane	39	
JUDGES PARADE	0	100	23/02/2021	89	Right lane	45	
JUDGES PARADE	100	200	23/02/2021	92	Left lane	49	
JUDGES PARADE	100	200	23/02/2021	91	Right lane	52	
JUDGES PARADE	200	300	23/02/2021	100	Left lane	50	
JUDGES PARADE	200	300	23/02/2021	91	Right lane	52	
JUDGES PARADE	300	388	23/02/2021	110	Left lane	41	
JUDGES PARADE	300	388	23/02/2021	102	Right lane	32	
KABUL STREET	0	100	21/02/2021	140	Left lane	39	
KABUL STREET	0	100	21/02/2021	144	Right lane	43	
KABUL STREET	100	200	21/02/2021	111	Left lane	49	
KABUL STREET	100	200	21/02/2021	94	Right lane	45	
KABUL STREET	200	300	21/02/2021	147	Left lane	50	
KABUL STREET	200	300	21/02/2021	103	Right lane	47	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KABUL STREET	300	400	21/02/2021	106	Left lane	51
KABUL STREET	300	400	21/02/2021	106	Right lane	47
KABUL STREET	400	500	21/02/2021	104	Left lane	53
KABUL STREET	400	500	21/02/2021	107	Right lane	47
KABUL STREET	500	600	21/02/2021	154	Left lane	47
KABUL STREET	500	600	21/02/2021	154	Right lane	39
KABUL STREET	600	637	21/02/2021	188	Left lane	26
KABUL STREET	600	637	21/02/2021	114	Right lane	23
KAHAWAI STREET	0	100	23/02/2021	86	Left lane	34
KAHAWAI STREET	0	100	23/02/2021	93	Right lane	39
KAHAWAI STREET	100	200	23/02/2021	87	Left lane	39
KAHAWAI STREET	100	200	23/02/2021	73	Right lane	46
KAHAWAI STREET	200	257	23/02/2021	105	Left lane	31
KAHAWAI STREET	200	257	23/02/2021	123	Right lane	28
KAIHUE STREET	0	100	22/02/2021	98	Left lane	36
KAIHUE STREET	0	100	22/02/2021	85	Right lane	40
KAIHUE STREET	100	200	22/02/2021	97	Left lane	49
KAIHUE STREET	100	200	22/02/2021	75	Right lane	47
KAIHUE STREET	200	300	22/02/2021	87	Left lane	45
KAIHUE STREET	200	300	22/02/2021	84	Right lane	45
KAIHUE STREET	300	390	22/02/2021	124	Left lane	28
KAIHUE STREET	300	390	22/02/2021	123	Right lane	32
KAIMOANA STREET	0	100	21/02/2021	130	Left lane	38
KAIMOANA STREET	0	100	21/02/2021	115	Right lane	44
KAIMOANA STREET	100	200	21/02/2021	109	Left lane	51
KAIMOANA STREET	100	200	21/02/2021	88	Right lane	53
KAIMOANA STREET	200	300	21/02/2021	84	Left lane	53
KAIMOANA STREET	200	300	21/02/2021	79	Right lane	54
KAIMOANA STREET	300	400	21/02/2021	82	Left lane	55
KAIMOANA STREET	300	400	21/02/2021	88	Right lane	55
KAIMOANA STREET	400	500	21/02/2021	81	Left lane	56
KAIMOANA STREET	400	500	21/02/2021	87	Right lane	54
KAIMOANA STREET	500	600	21/02/2021	79	Left lane	54
KAIMOANA STREET	500	600	21/02/2021	71	Right lane	55
KAIMOANA STREET	600	700	21/02/2021	117	Left lane	51
KAIMOANA STREET	600	700	21/02/2021	130	Right lane	44
KAIMOANA STREET	700	800	21/02/2021	87	Left lane	48
KAIMOANA STREET	700	800	21/02/2021	102	Right lane	48
KAIMOANA STREET	800	883	21/02/2021	126	Left lane	40

Project Number 2-Y1300 DM VT121
 Wairoa District Council
 2020 Rfoughness Report

KAIMOANA STREET	800	883	21/02/2021	119	Right lane	36
KAIWAITAU ROAD	0	100	23/02/2021	110	Left lane	36
KAIWAITAU ROAD	0	100	23/02/2021	88	Right lane	49
KAIWAITAU ROAD	100	200	23/02/2021	64	Left lane	57
KAIWAITAU ROAD	100	200	23/02/2021	70	Right lane	77
KAIWAITAU ROAD	200	300	23/02/2021	80	Left lane	65
KAIWAITAU ROAD	200	300	23/02/2021	61	Right lane	80
KAIWAITAU ROAD	300	400	23/02/2021	65	Left lane	76
KAIWAITAU ROAD	300	400	23/02/2021	69	Right lane	80
KAIWAITAU ROAD	400	500	23/02/2021	55	Left lane	83
KAIWAITAU ROAD	400	500	23/02/2021	62	Right lane	80
KAIWAITAU ROAD	500	600	23/02/2021	73	Left lane	87
KAIWAITAU ROAD	500	600	23/02/2021	61	Right lane	80
KAIWAITAU ROAD	600	700	23/02/2021	64	Left lane	88
KAIWAITAU ROAD	600	700	23/02/2021	58	Right lane	80
KAIWAITAU ROAD	700	800	23/02/2021	71	Left lane	86
KAIWAITAU ROAD	700	800	23/02/2021	74	Right lane	80
KAIWAITAU ROAD	800	900	23/02/2021	57	Left lane	84
KAIWAITAU ROAD	800	900	23/02/2021	65	Right lane	80
KAIWAITAU ROAD	900	1000	23/02/2021	65	Left lane	84
KAIWAITAU ROAD	900	1000	23/02/2021	79	Right lane	80
KAIWAITAU ROAD	1000	1100	23/02/2021	67	Left lane	85
KAIWAITAU ROAD	1000	1100	23/02/2021	81	Right lane	80
KAIWAITAU ROAD	1100	1200	23/02/2021	74	Left lane	86
KAIWAITAU ROAD	1100	1200	23/02/2021	59	Right lane	80
KAIWAITAU ROAD	1200	1300	23/02/2021	90	Left lane	88
KAIWAITAU ROAD	1200	1300	23/02/2021	60	Right lane	81
KAIWAITAU ROAD	1300	1400	23/02/2021	65	Left lane	89
KAIWAITAU ROAD	1300	1400	23/02/2021	66	Right lane	80
KAIWAITAU ROAD	1400	1500	23/02/2021	69	Left lane	90
KAIWAITAU ROAD	1400	1500	23/02/2021	78	Right lane	80
KAIWAITAU ROAD	1500	1600	23/02/2021	72	Left lane	87
KAIWAITAU ROAD	1500	1600	23/02/2021	60	Right lane	80
KAIWAITAU ROAD	1600	1700	23/02/2021	53	Left lane	87
KAIWAITAU ROAD	1600	1700	23/02/2021	66	Right lane	80
KAIWAITAU ROAD	1700	1800	23/02/2021	69	Left lane	87
KAIWAITAU ROAD	1700	1800	23/02/2021	79	Right lane	80
KAIWAITAU ROAD	1800	1900	23/02/2021	72	Left lane	84
KAIWAITAU ROAD	1800	1900	23/02/2021	87	Right lane	81

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KAIWAITAU ROAD	1900	2000	23/02/2021	79	Left lane	81
KAIWAITAU ROAD	1900	2000	23/02/2021	70	Right lane	80
KAIWAITAU ROAD	2000	2100	23/02/2021	92	Left lane	79
KAIWAITAU ROAD	2000	2100	23/02/2021	88	Right lane	79
KAIWAITAU ROAD	2100	2200	23/02/2021	91	Left lane	78
KAIWAITAU ROAD	2100	2200	23/02/2021	81	Right lane	78
KAIWAITAU ROAD	2200	2300	23/02/2021	80	Left lane	80
KAIWAITAU ROAD	2200	2300	23/02/2021	75	Right lane	82
KAIWAITAU ROAD	2300	2400	23/02/2021	64	Left lane	85
KAIWAITAU ROAD	2300	2400	23/02/2021	75	Right lane	87
KAIWAITAU ROAD	2400	2500	23/02/2021	65	Left lane	87
KAIWAITAU ROAD	2400	2500	23/02/2021	66	Right lane	87
KAIWAITAU ROAD	2500	2600	23/02/2021	62	Left lane	86
KAIWAITAU ROAD	2500	2600	23/02/2021	67	Right lane	87
KAIWAITAU ROAD	2600	2700	23/02/2021	84	Left lane	86
KAIWAITAU ROAD	2600	2700	23/02/2021	70	Right lane	86
KAIWAITAU ROAD	2700	2800	23/02/2021	73	Left lane	87
KAIWAITAU ROAD	2700	2800	23/02/2021	66	Right lane	86
KAIWAITAU ROAD	2800	2900	23/02/2021	56	Left lane	85
KAIWAITAU ROAD	2800	2900	23/02/2021	64	Right lane	86
KAIWAITAU ROAD	2900	3000	23/02/2021	63	Left lane	84
KAIWAITAU ROAD	2900	3000	23/02/2021	51	Right lane	87
KAIWAITAU ROAD	3000	3100	23/02/2021	62	Left lane	84
KAIWAITAU ROAD	3000	3100	23/02/2021	69	Right lane	90
KAIWAITAU ROAD	3100	3200	23/02/2021	58	Left lane	87
KAIWAITAU ROAD	3100	3200	23/02/2021	76	Right lane	89
KAIWAITAU ROAD	3200	3300	23/02/2021	92	Left lane	89
KAIWAITAU ROAD	3200	3300	23/02/2021	75	Right lane	86
KAIWAITAU ROAD	3300	3400	23/02/2021	83	Left lane	88
KAIWAITAU ROAD	3300	3400	23/02/2021	70	Right lane	80
KAIWAITAU ROAD	3400	3500	23/02/2021	50	Left lane	87
KAIWAITAU ROAD	3400	3500	23/02/2021	67	Right lane	73
KAIWAITAU ROAD	3500	3600	23/02/2021	78	Left lane	85
KAIWAITAU ROAD	3500	3600	23/02/2021	68	Right lane	69
KAIWAITAU ROAD	3600	3700	23/02/2021	69	Left lane	84
KAIWAITAU ROAD	3600	3700	23/02/2021	76	Right lane	65
KAIWAITAU ROAD	3700	3800	23/02/2021	86	Left lane	66
KAIWAITAU ROAD	3700	3800	23/02/2021	98	Right lane	56
KAIWAITAU ROAD	3800	3900	23/02/2021	68	Left lane	53

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KAIWAITAU ROAD	3800	3900	23/02/2021	71	Right lane	58
KAIWAITAU ROAD	3900	4000	23/02/2021	111	Left lane	57
KAIWAITAU ROAD	3900	4000	23/02/2021	82	Right lane	66
KAIWAITAU ROAD	4000	4100	23/02/2021	94	Left lane	56
KAIWAITAU ROAD	4000	4100	23/02/2021	78	Right lane	65
KAIWAITAU ROAD	4100	4200	23/02/2021	58	Left lane	58
KAIWAITAU ROAD	4100	4200	23/02/2021	60	Right lane	65
KAIWAITAU ROAD	4200	4300	23/02/2021	61	Left lane	59
KAIWAITAU ROAD	4200	4300	23/02/2021	62	Right lane	65
KAIWAITAU ROAD	4300	4400	23/02/2021	63	Left lane	61
KAIWAITAU ROAD	4300	4400	23/02/2021	50	Right lane	70
KAIWAITAU ROAD	4400	4500	23/02/2021	67	Left lane	62
KAIWAITAU ROAD	4400	4500	23/02/2021	43	Right lane	70
KAIWAITAU ROAD	4500	4600	23/02/2021	59	Left lane	58
KAIWAITAU ROAD	4500	4600	23/02/2021	57	Right lane	69
KAIWAITAU ROAD	4600	4700	23/02/2021	54	Left lane	58
KAIWAITAU ROAD	4600	4700	23/02/2021	36	Right lane	73
KAIWAITAU ROAD	4700	4800	23/02/2021	62	Left lane	61
KAIWAITAU ROAD	4700	4800	23/02/2021	48	Right lane	72
KAIWAITAU ROAD	4800	4900	23/02/2021	60	Left lane	63
KAIWAITAU ROAD	4800	4900	23/02/2021	37	Right lane	70
KAIWAITAU ROAD	4900	5000	23/02/2021	57	Left lane	67
KAIWAITAU ROAD	4900	5000	23/02/2021	47	Right lane	70
KAIWAITAU ROAD	5000	5100	23/02/2021	73	Left lane	72
KAIWAITAU ROAD	5000	5100	23/02/2021	41	Right lane	72
KAIWAITAU ROAD	5100	5200	23/02/2021	54	Left lane	74
KAIWAITAU ROAD	5100	5200	23/02/2021	60	Right lane	67
KAIWAITAU ROAD	5200	5300	23/02/2021	62	Left lane	74
KAIWAITAU ROAD	5200	5300	23/02/2021	61	Right lane	64
KAIWAITAU ROAD	5300	5400	23/02/2021	84	Left lane	74
KAIWAITAU ROAD	5300	5400	23/02/2021	63	Right lane	63
KAIWAITAU ROAD	5400	5500	23/02/2021	69	Left lane	74
KAIWAITAU ROAD	5400	5500	23/02/2021	47	Right lane	62
KAIWAITAU ROAD	5500	5600	23/02/2021	69	Left lane	73
KAIWAITAU ROAD	5500	5600	23/02/2021	64	Right lane	65
KAIWAITAU ROAD	5600	5700	23/02/2021	66	Left lane	75
KAIWAITAU ROAD	5600	5700	23/02/2021	52	Right lane	70
KAIWAITAU ROAD	5700	5800	23/02/2021	66	Left lane	73
KAIWAITAU ROAD	5700	5800	23/02/2021	56	Right lane	72

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KAIWAITAU ROAD	5800	5900	23/02/2021	58	Left lane	70	
KAIWAITAU ROAD	5800	5900	23/02/2021	57	Right lane	65	
KAIWAITAU ROAD	5900	6000	23/02/2021	75	Left lane	61	
KAIWAITAU ROAD	5900	6000	23/02/2021	58	Right lane	55	
KAIWAITAU ROAD	6000	6100	23/02/2021	59	Left lane	50	
KAIWAITAU ROAD	6000	6100	23/02/2021	67	Right lane	47	
KAIWAITAU ROAD	6100	6200	23/02/2021	86	Left lane	50	
KAIWAITAU ROAD	6100	6200	23/02/2021	93	Right lane	45	
KAIWAITAU ROAD	6200	6246	23/02/2021	182	Left lane	20	
KAIWAITAU ROAD	6200	6246	23/02/2021	158	Right lane	24	
KAKARIKI FARM ROAD	0	100	20/02/2021	110	Left lane	32	
KAKARIKI FARM ROAD	0	100	20/02/2021	128	Right lane	36	
KAKARIKI FARM ROAD	100	200	20/02/2021	101	Left lane	40	
KAKARIKI FARM ROAD	100	200	20/02/2021	82	Right lane	48	
KAKARIKI FARM ROAD	200	264	20/02/2021	117	Left lane	34	
KAKARIKI FARM ROAD	200	264	20/02/2021	134	Right lane	33	
KAKARIKI FARM ROAD	1600	1700	20/02/2021	72	Left lane	24	
KAKARIKI FARM ROAD	1600	1700	20/02/2021	161	Right lane	28	
KAKARIKI FARM ROAD	1700	1800	20/02/2021	133	Left lane	37	
KAKARIKI FARM ROAD	1700	1800	20/02/2021	140	Right lane	35	
KAKARIKI FARM ROAD	1800	1900	20/02/2021	108	Left lane	35	
KAKARIKI FARM ROAD	1800	1900	20/02/2021	118	Right lane	33	
KAKARIKI FARM ROAD	1900	2000	20/02/2021	76	Left lane	41	
KAKARIKI FARM ROAD	1900	2000	20/02/2021	91	Right lane	33	
KAKARIKI FARM ROAD	2000	2007	20/02/2021	131	Left lane	26	
KAKARIKI FARM ROAD	2000	2007	20/02/2021	145	Right lane	10	
KARAKA STREET	0	100	21/02/2021	114	Left lane	31	
KARAKA STREET	0	100	21/02/2021	109	Right lane	31	
KARAKA STREET	100	200	21/02/2021	108	Left lane	30	
KARAKA STREET	100	200	21/02/2021	98	Right lane	32	
KARAKA STREET	200	300	21/02/2021	61	Left lane	34	
KARAKA STREET	200	300	21/02/2021	77	Right lane	34	
KARAKA STREET	300	348	21/02/2021	86	Left lane	22	
KARAKA STREET	300	348	21/02/2021	105	Right lane	17	
KATRIN PLACE	0	93	25/02/2021	96	Left lane	30	Post-Survey Added val
KATRIN PLACE	0	93	25/02/2021	96	Right lane	30	Post-Survey Added val
KAURI PLACE	0	84	25/02/2021	96	Left lane	30	Post-Survey Added val
KAURI PLACE	0	84	25/02/2021	96	Right lane	30	Post-Survey Added val
KERERU PLACE	0	38	25/02/2021	96	Left lane	30	Post-Survey Added val

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KERERU PLACE	0	38	25/02/2021	96	Right lane	30	Post-Survey Added val
KING STREET	0	100	23/02/2021	144	Left lane	32	
KING STREET	0	100	23/02/2021	133	Right lane	35	
KING STREET	100	200	23/02/2021	137	Left lane	37	
KING STREET	100	200	23/02/2021	113	Right lane	38	
KING STREET	200	242	23/02/2021	184	Left lane	24	
KING STREET	200	242	23/02/2021	155	Right lane	22	
KITCHENER STREET	0	100	21/02/2021	142	Left lane	33	
KITCHENER STREET	0	100	21/02/2021	96	Right lane	33	
KITCHENER STREET	100	200	21/02/2021	149	Left lane	44	
KITCHENER STREET	100	200	21/02/2021	139	Right lane	42	
KITCHENER STREET	200	300	21/02/2021	82	Left lane	46	
KITCHENER STREET	200	300	21/02/2021	86	Right lane	45	
KITCHENER STREET	300	400	21/02/2021	123	Left lane	45	
KITCHENER STREET	300	400	21/02/2021	111	Right lane	46	
KITCHENER STREET	400	500	21/02/2021	116	Left lane	44	
KITCHENER STREET	400	500	21/02/2021	83	Right lane	50	
KITCHENER STREET	500	600	21/02/2021	90	Left lane	44	
KITCHENER STREET	500	600	21/02/2021	88	Right lane	49	
KITCHENER STREET	600	700	21/02/2021	118	Left lane	35	
KITCHENER STREET	600	700	21/02/2021	93	Right lane	34	
KITCHENER STREET	700	800	21/02/2021	139	Left lane	32	
KITCHENER STREET	700	800	21/02/2021	113	Right lane	38	
KITCHENER STREET	800	900	21/02/2021	113	Left lane	41	
KITCHENER STREET	800	900	21/02/2021	86	Right lane	50	
KITCHENER STREET	900	1000	21/02/2021	61	Left lane	45	
KITCHENER STREET	900	1000	21/02/2021	67	Right lane	50	
KITCHENER STREET	1000	1100	21/02/2021	62	Left lane	47	
KITCHENER STREET	1000	1100	21/02/2021	67	Right lane	48	
KITCHENER STREET	1100	1200	21/02/2021	93	Left lane	47	
KITCHENER STREET	1100	1200	21/02/2021	77	Right lane	46	
KITCHENER STREET	1200	1300	21/02/2021	116	Left lane	46	
KITCHENER STREET	1200	1300	21/02/2021	91	Right lane	40	
KITCHENER STREET	1300	1391	21/02/2021	115	Left lane	30	
KITCHENER STREET	1300	1391	21/02/2021	124	Right lane	28	
KIWI ROAD	0	100	22/02/2021	112	Left lane	34	
KIWI ROAD	0	100	22/02/2021	105	Right lane	44	
KIWI ROAD	100	200	22/02/2021	52	Left lane	55	
KIWI ROAD	100	200	22/02/2021	49	Right lane	68	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KIWI ROAD	200	300	22/02/2021	59	Left lane	68	
KIWI ROAD	200	300	22/02/2021	57	Right lane	73	
KIWI ROAD	300	400	22/02/2021	84	Left lane	71	
KIWI ROAD	300	400	22/02/2021	87	Right lane	72	
KIWI ROAD	400	500	22/02/2021	42	Left lane	71	
KIWI ROAD	400	500	22/02/2021	48	Right lane	71	
KIWI ROAD	500	600	22/02/2021	44	Left lane	72	
KIWI ROAD	500	600	22/02/2021	48	Right lane	70	
KIWI ROAD	600	700	22/02/2021	60	Left lane	73	
KIWI ROAD	600	700	22/02/2021	73	Right lane	66	
KIWI ROAD	700	800	22/02/2021	61	Left lane	74	
KIWI ROAD	700	800	22/02/2021	50	Right lane	54	
KIWI ROAD	800	900	22/02/2021	61	Left lane	75	
KIWI ROAD	800	900	22/02/2021	61	Right lane	58	
KIWI ROAD	900	1000	22/02/2021	70	Left lane	75	
KIWI ROAD	900	1000	22/02/2021	68	Right lane	66	
KIWI ROAD	1000	1100	22/02/2021	53	Left lane	63	
KIWI ROAD	1000	1100	22/02/2021	51	Right lane	55	
KIWI ROAD	1100	1200	22/02/2021	135	Left lane	42	BRIDGE Abutment end (Both)
KIWI ROAD	1100	1200	22/02/2021	124	Right lane	48	
KIWI ROAD	1200	1300	22/02/2021	56	Left lane	49	
KIWI ROAD	1200	1300	22/02/2021	52	Right lane	59	
KIWI ROAD	1300	1400	22/02/2021	64	Left lane	48	
KIWI ROAD	1300	1400	22/02/2021	61	Right lane	48	
KIWI ROAD	1400	1500	22/02/2021	72	Left lane	54	
KIWI ROAD	1400	1500	22/02/2021	60	Right lane	61	
KIWI ROAD	1500	1600	22/02/2021	67	Left lane	61	
KIWI ROAD	1500	1600	22/02/2021	58	Right lane	58	
KIWI ROAD	1600	1700	22/02/2021	57	Left lane	68	
KIWI ROAD	1600	1700	22/02/2021	74	Right lane	59	
KIWI ROAD	1700	1800	22/02/2021	60	Left lane	62	
KIWI ROAD	1700	1800	22/02/2021	75	Right lane	52	
KIWI ROAD	1800	1900	22/02/2021	38	Left lane	63	
KIWI ROAD	1800	1900	22/02/2021	49	Right lane	58	
KIWI ROAD	1900	2000	22/02/2021	53	Left lane	68	
KIWI ROAD	1900	2000	22/02/2021	63	Right lane	58	
KIWI ROAD	2000	2100	22/02/2021	54	Left lane	61	
KIWI ROAD	2000	2100	22/02/2021	70	Right lane	51	
KIWI ROAD	2100	2200	22/02/2021	128	Left lane	40	Railway crossing

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KIWI ROAD	2100	2200	22/02/2021	129	Right lane	44
KIWI ROAD	2200	2300	22/02/2021	54	Left lane	52
KIWI ROAD	2200	2300	22/02/2021	71	Right lane	55
KIWI ROAD	2300	2400	22/02/2021	84	Left lane	41
KIWI ROAD	2300	2400	22/02/2021	56	Right lane	38
KIWI ROAD	2400	2405	22/02/2021	316	Left lane	11
KIWI ROAD	2400	2405	22/02/2021	257	Right lane	16
KOHATU PAOPAO ROAD	300	400	23/02/2021	63	Left lane	23
KOHATU PAOPAO ROAD	300	400	23/02/2021	86	Right lane	38
KOHATU PAOPAO ROAD	400	500	23/02/2021	66	Left lane	44
KOHATU PAOPAO ROAD	400	500	23/02/2021	60	Right lane	51
KOHATU PAOPAO ROAD	500	600	23/02/2021	50	Left lane	46
KOHATU PAOPAO ROAD	500	600	23/02/2021	58	Right lane	45
KOHATU PAOPAO ROAD	600	629	23/02/2021	154	Left lane	15
KOHATU PAOPAO ROAD	600	629	23/02/2021	166	Right lane	20
KOKOHU ROAD	300	400	23/02/2021	109	Left lane	34
KOKOHU ROAD	300	400	23/02/2021	79	Right lane	46
KOKOHU ROAD	400	500	23/02/2021	74	Left lane	38
KOKOHU ROAD	400	500	23/02/2021	73	Right lane	42
KOKOHU ROAD	500	600	23/02/2021	86	Left lane	32
KOKOHU ROAD	500	600	23/02/2021	79	Right lane	39
KOKOHU ROAD	600	700	23/02/2021	66	Left lane	47
KOKOHU ROAD	600	700	23/02/2021	77	Right lane	41
KOKOHU ROAD	700	718	23/02/2021	72	Left lane	38
KOKOHU ROAD	700	718	23/02/2021	133	Right lane	26
KOPU ROAD	0	100	24/02/2021	116	Left lane	35
KOPU ROAD	0	100	24/02/2021	135	Right lane	33
KOPU ROAD	100	200	24/02/2021	126	Left lane	48
KOPU ROAD	100	200	24/02/2021	126	Right lane	47
KOPU ROAD	200	300	24/02/2021	79	Left lane	48
KOPU ROAD	200	300	24/02/2021	62	Right lane	47
KOPU ROAD	300	400	24/02/2021	108	Left lane	42
KOPU ROAD	300	400	24/02/2021	78	Right lane	46
KOPU ROAD	400	500	24/02/2021	52	Left lane	51
KOPU ROAD	400	500	24/02/2021	59	Right lane	52
KOPU ROAD	500	600	24/02/2021	154	Left lane	48
KOPU ROAD	500	600	24/02/2021	55	Right lane	52
KOPU ROAD	600	700	24/02/2021	106	Left lane	49
KOPU ROAD	600	700	24/02/2021	60	Right lane	52

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KOPU ROAD	700	800	24/02/2021	141	Left lane	48
KOPU ROAD	700	800	24/02/2021	76	Right lane	52
KOPU ROAD	800	900	24/02/2021	101	Left lane	48
KOPU ROAD	800	900	24/02/2021	75	Right lane	52
KOPU ROAD	900	1000	24/02/2021	98	Left lane	48
KOPU ROAD	900	1000	24/02/2021	75	Right lane	52
KOPU ROAD	1000	1100	24/02/2021	79	Left lane	48
KOPU ROAD	1000	1100	24/02/2021	70	Right lane	52
KOPU ROAD	1100	1200	24/02/2021	73	Left lane	51
KOPU ROAD	1100	1200	24/02/2021	78	Right lane	51
KOPU ROAD	1200	1300	24/02/2021	84	Left lane	51
KOPU ROAD	1200	1300	24/02/2021	70	Right lane	52
KOPU ROAD	1300	1400	24/02/2021	88	Left lane	51
KOPU ROAD	1300	1400	24/02/2021	109	Right lane	52
KOPU ROAD	1400	1500	24/02/2021	80	Left lane	51
KOPU ROAD	1400	1500	24/02/2021	98	Right lane	52
KOPU ROAD	1500	1600	24/02/2021	58	Left lane	51
KOPU ROAD	1500	1600	24/02/2021	55	Right lane	52
KOPU ROAD	1600	1700	24/02/2021	89	Left lane	52
KOPU ROAD	1600	1700	24/02/2021	95	Right lane	52
KOPU ROAD	1700	1800	24/02/2021	76	Left lane	52
KOPU ROAD	1700	1800	24/02/2021	73	Right lane	51
KOPU ROAD	1800	1900	24/02/2021	111	Left lane	51
KOPU ROAD	1800	1900	24/02/2021	76	Right lane	51
KOPU ROAD	1900	2000	24/02/2021	90	Left lane	51
KOPU ROAD	1900	2000	24/02/2021	83	Right lane	51
KOPU ROAD	2000	2100	24/02/2021	75	Left lane	51
KOPU ROAD	2000	2100	24/02/2021	111	Right lane	51
KOPU ROAD	2100	2200	24/02/2021	82	Left lane	51
KOPU ROAD	2100	2200	24/02/2021	109	Right lane	50
KOPU ROAD	2200	2300	24/02/2021	106	Left lane	46
KOPU ROAD	2200	2300	24/02/2021	156	Right lane	51
KOPU ROAD	2300	2400	24/02/2021	90	Left lane	46
KOPU ROAD	2300	2400	24/02/2021	81	Right lane	50
KOPU ROAD	2400	2500	24/02/2021	89	Left lane	47
KOPU ROAD	2400	2500	24/02/2021	65	Right lane	51
KOPU ROAD	2500	2600	24/02/2021	79	Left lane	47
KOPU ROAD	2500	2600	24/02/2021	74	Right lane	50
KOPU ROAD	2600	2700	24/02/2021	73	Left lane	50

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KOPU ROAD	2600	2700	24/02/2021	49	Right lane	51
KOPU ROAD	2700	2800	24/02/2021	70	Left lane	50
KOPU ROAD	2700	2800	24/02/2021	66	Right lane	43
KOPU ROAD	2800	2900	24/02/2021	75	Left lane	51
KOPU ROAD	2800	2900	24/02/2021	61	Right lane	41
KOPU ROAD	2900	3000	24/02/2021	58	Left lane	50
KOPU ROAD	2900	3000	24/02/2021	69	Right lane	48
KOPU ROAD	3000	3100	24/02/2021	66	Left lane	50
KOPU ROAD	3000	3100	24/02/2021	62	Right lane	52
KOPU ROAD	3100	3200	24/02/2021	93	Left lane	50
KOPU ROAD	3100	3200	24/02/2021	84	Right lane	51
KOPU ROAD	3200	3300	24/02/2021	72	Left lane	50
KOPU ROAD	3200	3300	24/02/2021	96	Right lane	49
KOPU ROAD	3300	3400	24/02/2021	98	Left lane	52
KOPU ROAD	3300	3400	24/02/2021	92	Right lane	51
KOPU ROAD	3400	3500	24/02/2021	72	Left lane	48
KOPU ROAD	3400	3500	24/02/2021	46	Right lane	50
KOPU ROAD	3500	3600	24/02/2021	91	Left lane	35
KOPU ROAD	3500	3600	24/02/2021	68	Right lane	46
KOPU ROAD	3600	3691	24/02/2021	92	Left lane	34
KOPU ROAD	3600	3691	24/02/2021	90	Right lane	39
KOTEMAORI SETTLEMENT ROAD	0	100	20/02/2021	105	Left lane	35
KOTEMAORI SETTLEMENT ROAD	0	100	20/02/2021	100	Right lane	28
KOTEMAORI SETTLEMENT ROAD	100	200	20/02/2021	90	Left lane	30
KOTEMAORI SETTLEMENT ROAD	100	200	20/02/2021	92	Right lane	26
KOTEMAORI SETTLEMENT ROAD	200	257	20/02/2021	109	Left lane	27
KOTEMAORI SETTLEMENT ROAD	200	257	20/02/2021	90	Right lane	20
KOURA CRESCENT	0	100	23/02/2021	104	Left lane	36
KOURA CRESCENT	0	100	23/02/2021	110	Right lane	36
KOURA CRESCENT	100	200	23/02/2021	69	Left lane	39
KOURA CRESCENT	100	200	23/02/2021	78	Right lane	35
KOURA CRESCENT	200	227	23/02/2021	97	Left lane	18
KOURA CRESCENT	200	227	23/02/2021	135	Right lane	10
KOWHAI PLACE	0	100	21/02/2021	114	Left lane	27
KOWHAI PLACE	0	100	21/02/2021	82	Right lane	30
KOWHAI PLACE	100	200	21/02/2021	79	Left lane	28
KOWHAI PLACE	100	200	21/02/2021	69	Right lane	27
KOWHAI PLACE	200	206	21/02/2021	154	Left lane	12
KOWHAI PLACE	200	206	21/02/2021	249	Right lane	5

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KUKU AVENUE	0	100	23/02/2021	75	Left lane	32
KUKU AVENUE	0	100	23/02/2021	80	Right lane	43
KUKU AVENUE	100	200	23/02/2021	57	Left lane	41
KUKU AVENUE	100	200	23/02/2021	61	Right lane	44
KUKU AVENUE	200	300	23/02/2021	74	Left lane	34
KUKU AVENUE	200	300	23/02/2021	86	Right lane	34
KUKU AVENUE	300	366	23/02/2021	80	Left lane	27
KUKU AVENUE	300	366	23/02/2021	100	Right lane	25
LAHORE STREET	0	100	21/02/2021	149	Left lane	32
LAHORE STREET	0	100	21/02/2021	102	Right lane	40
LAHORE STREET	100	200	21/02/2021	82	Left lane	46
LAHORE STREET	100	200	21/02/2021	113	Right lane	51
LAHORE STREET	200	300	21/02/2021	126	Left lane	49
LAHORE STREET	200	300	21/02/2021	100	Right lane	51
LAHORE STREET	300	400	21/02/2021	101	Left lane	51
LAHORE STREET	300	400	21/02/2021	85	Right lane	51
LAHORE STREET	400	500	21/02/2021	112	Left lane	51
LAHORE STREET	400	500	21/02/2021	102	Right lane	52
LAHORE STREET	500	600	21/02/2021	81	Left lane	51
LAHORE STREET	500	600	21/02/2021	75	Right lane	52
LAHORE STREET	600	700	21/02/2021	113	Left lane	52
LAHORE STREET	600	700	21/02/2021	131	Right lane	51
LAHORE STREET	700	800	21/02/2021	131	Left lane	52
LAHORE STREET	700	800	21/02/2021	105	Right lane	51
LAHORE STREET	800	900	21/02/2021	91	Left lane	51
LAHORE STREET	800	900	21/02/2021	83	Right lane	52
LAHORE STREET	900	1000	21/02/2021	95	Left lane	50
LAHORE STREET	900	1000	21/02/2021	72	Right lane	52
LAHORE STREET	1000	1100	21/02/2021	103	Left lane	51
LAHORE STREET	1000	1100	21/02/2021	99	Right lane	52
LAHORE STREET	1100	1200	21/02/2021	111	Left lane	51
LAHORE STREET	1100	1200	21/02/2021	113	Right lane	48
LAHORE STREET	1200	1285	21/02/2021	117	Left lane	41
LAHORE STREET	1200	1285	21/02/2021	92	Right lane	28
LANE ROAD	0	100	23/02/2021	136	Left lane	32
LANE ROAD	0	100	23/02/2021	76	Right lane	40
LANE ROAD	100	200	23/02/2021	66	Left lane	40
LANE ROAD	100	200	23/02/2021	80	Right lane	40
LANE ROAD	200	225	23/02/2021	110	Left lane	19

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

LANE ROAD	200	225	23/02/2021	101	Right lane	28	
LEWIS LANE	0	100	20/02/2021	90	Left lane	32	
LEWIS LANE	0	100	20/02/2021	82	Right lane	35	
LEWIS LANE	100	200	20/02/2021	85	Left lane	44	
LEWIS LANE	100	200	20/02/2021	73	Right lane	42	
LEWIS LANE	200	300	20/02/2021	64	Left lane	43	
LEWIS LANE	200	300	20/02/2021	74	Right lane	44	
LEWIS LANE	300	397	20/02/2021	96	Left lane	32	
LEWIS LANE	300	397	20/02/2021	92	Right lane	30	
LION STREET	0	100	24/02/2021	130	Left lane	35	
LION STREET	0	100	24/02/2021	112	Right lane	35	
LION STREET	100	200	24/02/2021	113	Left lane	42	
LION STREET	100	200	24/02/2021	90	Right lane	42	
LION STREET	200	242	24/02/2021	131	Left lane	25	
LION STREET	200	242	24/02/2021	176	Right lane	25	
LOCHIEL STREET	0	100	23/02/2021	83	Left lane	36	
LOCHIEL STREET	0	100	23/02/2021	70	Right lane	47	
LOCHIEL STREET	100	200	23/02/2021	56	Left lane	45	
LOCHIEL STREET	100	200	23/02/2021	99	Right lane	42	
LOCHIEL STREET	200	300	23/02/2021	78	Left lane	41	
LOCHIEL STREET	200	300	23/02/2021	117	Right lane	39	
LOCHIEL STREET	300	393	23/02/2021	151	Left lane	33	
LOCHIEL STREET	300	393	23/02/2021	127	Right lane	28	
LOCKE STREET	0	100	23/02/2021	120	Left lane	30	
LOCKE STREET	0	100	23/02/2021	110	Right lane	31	
LOCKE STREET	100	200	23/02/2021	119	Left lane	29	
LOCKE STREET	100	200	23/02/2021	137	Right lane	28	
LOCKE STREET	200	243	23/02/2021	132	Left lane	21	
LOCKE STREET	200	243	23/02/2021	72	Right lane	22	
LOCKWOOD POINT	0	99	25/02/2021	96	Left lane	30	Post-Survey Added val
LOCKWOOD POINT	0	99	25/02/2021	96	Right lane	30	Post-Survey Added val
LUCKNOW STREET	0	100	23/02/2021	97	Left lane	31	
LUCKNOW STREET	0	100	23/02/2021	99	Right lane	35	
LUCKNOW STREET	100	200	23/02/2021	112	Left lane	41	
LUCKNOW STREET	100	200	23/02/2021	130	Right lane	42	
LUCKNOW STREET	200	300	23/02/2021	105	Left lane	44	
LUCKNOW STREET	200	300	23/02/2021	110	Right lane	43	
LUCKNOW STREET	300	400	23/02/2021	72	Left lane	40	
LUCKNOW STREET	300	400	23/02/2021	88	Right lane	39	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

LUCKNOW STREET	400	500	23/02/2021	163	Left lane	29	
LUCKNOW STREET	400	500	23/02/2021	162	Right lane	29	
LUCKNOW STREET	500	600	23/02/2021	84	Left lane	43	
LUCKNOW STREET	500	600	23/02/2021	123	Right lane	45	
LUCKNOW STREET	600	700	23/02/2021	74	Left lane	42	
LUCKNOW STREET	600	700	23/02/2021	63	Right lane	42	
LUCKNOW STREET	700	800	23/02/2021	131	Left lane	39	
LUCKNOW STREET	700	800	23/02/2021	133	Right lane	42	
LUCKNOW STREET	800	900	23/02/2021	114	Left lane	41	
LUCKNOW STREET	800	900	23/02/2021	115	Right lane	41	
LUCKNOW STREET	900	1000	23/02/2021	114	Left lane	38	
LUCKNOW STREET	900	1000	23/02/2021	105	Right lane	35	
LUCKNOW STREET	1000	1100	23/02/2021	164	Left lane	17	
LUCKNOW STREET	1000	1100	23/02/2021	158	Right lane	23	
LUCKNOW STREET	1100	1200	23/02/2021	96	Left lane	35	
LUCKNOW STREET	1100	1200	23/02/2021	114	Right lane	37	
LUCKNOW STREET	1200	1300	23/02/2021	180	Left lane	30	PAVEMENT Surfacing begins
LUCKNOW STREET	1200	1300	23/02/2021	181	Right lane	30	
LUCKNOW STREET	1300	1400	23/02/2021	165	Left lane	28	PAVEMENT Surfacing begins
LUCKNOW STREET	1300	1400	23/02/2021	216	Right lane	30	
LUCKNOW STREET	1400	1500	23/02/2021	153	Left lane	31	PAVEMENT Surfacing begins
LUCKNOW STREET	1400	1500	23/02/2021	114	Right lane	31	
LUCKNOW STREET	1500	1535	23/02/2021	216	Left lane	27	
LUCKNOW STREET	1500	1535	23/02/2021	136	Right lane	30	
MACDONALD STREET	0	100	22/02/2021	131	Left lane	31	
MACDONALD STREET	0	100	22/02/2021	123	Right lane	35	
MACDONALD STREET	100	200	22/02/2021	137	Left lane	39	
MACDONALD STREET	100	200	22/02/2021	127	Right lane	42	
MACDONALD STREET	200	284	22/02/2021	105	Left lane	33	
MACDONALD STREET	200	284	22/02/2021	84	Right lane	30	
MACKAY STREET	0	62	25/02/2021	96	Left lane	30	Post-Survey Added val
MACKAY STREET	0	62	25/02/2021	96	Right lane	30	Post-Survey Added val
MACKLEY STREET	0	94	25/02/2021	96	Left lane	30	Post-Survey Added val
MACKLEY STREET	0	94	25/02/2021	96	Right lane	30	Post-Survey Added val
MACKLEY STREET HAMMERHEAD	0	100	22/02/2021	143	Left lane	22	
MACKLEY STREET HAMMERHEAD	0	100	22/02/2021	140	Right lane	25	
MACKLEY STREET HAMMERHEAD	100	173	22/02/2021	88	Left lane	22	
MACKLEY STREET HAMMERHEAD	100	173	22/02/2021	85	Right lane	18	
MAHANGA ROAD	0	100	23/02/2021	90	Left lane	44	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHANGA ROAD	0	100	23/02/2021	126	Right lane	36
MAHANGA ROAD	100	200	23/02/2021	81	Left lane	60
MAHANGA ROAD	100	200	23/02/2021	97	Right lane	48
MAHANGA ROAD	200	300	23/02/2021	66	Left lane	68
MAHANGA ROAD	200	300	23/02/2021	75	Right lane	71
MAHANGA ROAD	300	400	23/02/2021	52	Left lane	74
MAHANGA ROAD	300	400	23/02/2021	55	Right lane	87
MAHANGA ROAD	400	500	23/02/2021	39	Left lane	83
MAHANGA ROAD	400	500	23/02/2021	60	Right lane	88
MAHANGA ROAD	500	600	23/02/2021	52	Left lane	86
MAHANGA ROAD	500	600	23/02/2021	51	Right lane	87
MAHANGA ROAD	600	700	23/02/2021	51	Left lane	88
MAHANGA ROAD	600	700	23/02/2021	45	Right lane	85
MAHANGA ROAD	700	800	23/02/2021	82	Left lane	89
MAHANGA ROAD	700	800	23/02/2021	60	Right lane	84
MAHANGA ROAD	800	900	23/02/2021	65	Left lane	91
MAHANGA ROAD	800	900	23/02/2021	75	Right lane	82
MAHANGA ROAD	900	1000	23/02/2021	82	Left lane	87
MAHANGA ROAD	900	1000	23/02/2021	116	Right lane	79
MAHANGA ROAD	1000	1100	23/02/2021	78	Left lane	85
MAHANGA ROAD	1000	1100	23/02/2021	54	Right lane	79
MAHANGA ROAD	1100	1200	23/02/2021	71	Left lane	87
MAHANGA ROAD	1100	1200	23/02/2021	84	Right lane	81
MAHANGA ROAD	1200	1300	23/02/2021	94	Left lane	86
MAHANGA ROAD	1200	1300	23/02/2021	92	Right lane	80
MAHANGA ROAD	1300	1400	23/02/2021	51	Left lane	90
MAHANGA ROAD	1300	1400	23/02/2021	55	Right lane	79
MAHANGA ROAD	1400	1500	23/02/2021	80	Left lane	88
MAHANGA ROAD	1400	1500	23/02/2021	79	Right lane	70
MAHANGA ROAD	1500	1600	23/02/2021	65	Left lane	76
MAHANGA ROAD	1500	1600	23/02/2021	70	Right lane	61
MAHANGA ROAD	1600	1700	23/02/2021	99	Left lane	61
MAHANGA ROAD	1600	1700	23/02/2021	97	Right lane	57
MAHANGA ROAD	1700	1800	23/02/2021	83	Left lane	66
MAHANGA ROAD	1700	1800	23/02/2021	75	Right lane	58
MAHANGA ROAD	1800	1900	23/02/2021	58	Left lane	66
MAHANGA ROAD	1800	1900	23/02/2021	51	Right lane	54
MAHANGA ROAD	1900	2000	23/02/2021	118	Left lane	49
MAHANGA ROAD	1900	2000	23/02/2021	111	Right lane	56

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHANGA ROAD	2000	2100	23/02/2021	113	Left lane	60	
MAHANGA ROAD	2000	2100	23/02/2021	92	Right lane	73	
MAHANGA ROAD	2100	2200	23/02/2021	76	Left lane	66	
MAHANGA ROAD	2100	2200	23/02/2021	69	Right lane	75	
MAHANGA ROAD	2200	2300	23/02/2021	59	Left lane	70	
MAHANGA ROAD	2200	2300	23/02/2021	62	Right lane	74	
MAHANGA ROAD	2300	2400	23/02/2021	82	Left lane	70	
MAHANGA ROAD	2300	2400	23/02/2021	74	Right lane	69	
MAHANGA ROAD	2400	2500	23/02/2021	90	Left lane	53	
MAHANGA ROAD	2400	2500	23/02/2021	73	Right lane	57	
MAHANGA ROAD	2500	2600	23/02/2021	86	Left lane	63	
MAHANGA ROAD	2500	2600	23/02/2021	91	Right lane	67	
MAHANGA ROAD	2600	2700	23/02/2021	69	Left lane	62	
MAHANGA ROAD	2600	2700	23/02/2021	93	Right lane	53	
MAHANGA ROAD	2700	2800	23/02/2021	81	Left lane	56	
MAHANGA ROAD	2700	2800	23/02/2021	87	Right lane	66	
MAHANGA ROAD	2800	2900	23/02/2021	84	Left lane	62	
MAHANGA ROAD	2800	2900	23/02/2021	71	Right lane	70	
MAHANGA ROAD	2900	3000	23/02/2021	108	Left lane	57	
MAHANGA ROAD	2900	3000	23/02/2021	81	Right lane	53	
MAHANGA ROAD	3000	3100	23/02/2021	112	Left lane	51	Railway crossing
MAHANGA ROAD	3000	3100	23/02/2021	106	Right lane	61	
MAHANGA ROAD	3100	3200	23/02/2021	59	Left lane	65	
MAHANGA ROAD	3100	3200	23/02/2021	68	Right lane	70	
MAHANGA ROAD	3200	3300	23/02/2021	46	Left lane	72	
MAHANGA ROAD	3200	3300	23/02/2021	55	Right lane	68	
MAHANGA ROAD	3300	3400	23/02/2021	72	Left lane	58	BRIDGE Abutment end (Both)
MAHANGA ROAD	3300	3400	23/02/2021	98	Right lane	56	
MAHANGA ROAD	3400	3500	23/02/2021	154	Left lane	50	BRIDGE Abutment end (Both)
MAHANGA ROAD	3400	3500	23/02/2021	155	Right lane	52	
MAHANGA ROAD	3500	3600	23/02/2021	82	Left lane	65	
MAHANGA ROAD	3500	3600	23/02/2021	98	Right lane	58	
MAHANGA ROAD	3600	3700	23/02/2021	69	Left lane	73	
MAHANGA ROAD	3600	3700	23/02/2021	79	Right lane	77	
MAHANGA ROAD	3700	3800	23/02/2021	95	Left lane	79	
MAHANGA ROAD	3700	3800	23/02/2021	79	Right lane	81	
MAHANGA ROAD	3800	3900	23/02/2021	102	Left lane	80	
MAHANGA ROAD	3800	3900	23/02/2021	100	Right lane	82	
MAHANGA ROAD	3900	4000	23/02/2021	85	Left lane	80	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHANGA ROAD	3900	4000	23/02/2021	107	Right lane	83
MAHANGA ROAD	4000	4100	23/02/2021	58	Left lane	81
MAHANGA ROAD	4000	4100	23/02/2021	76	Right lane	83
MAHANGA ROAD	4100	4200	23/02/2021	86	Left lane	81
MAHANGA ROAD	4100	4200	23/02/2021	91	Right lane	83
MAHANGA ROAD	4200	4300	23/02/2021	84	Left lane	80
MAHANGA ROAD	4200	4300	23/02/2021	73	Right lane	84
MAHANGA ROAD	4300	4400	23/02/2021	78	Left lane	82
MAHANGA ROAD	4300	4400	23/02/2021	72	Right lane	85
MAHANGA ROAD	4400	4500	23/02/2021	81	Left lane	79
MAHANGA ROAD	4400	4500	23/02/2021	86	Right lane	82
MAHANGA ROAD	4500	4600	23/02/2021	49	Left lane	76
MAHANGA ROAD	4500	4600	23/02/2021	65	Right lane	72
MAHANGA ROAD	4600	4700	23/02/2021	124	Left lane	70
MAHANGA ROAD	4600	4700	23/02/2021	137	Right lane	65
MAHANGA ROAD	4700	4800	23/02/2021	69	Left lane	77
MAHANGA ROAD	4700	4800	23/02/2021	68	Right lane	74
MAHANGA ROAD	4800	4900	23/02/2021	94	Left lane	78
MAHANGA ROAD	4800	4900	23/02/2021	92	Right lane	74
MAHANGA ROAD	4900	5000	23/02/2021	103	Left lane	76
MAHANGA ROAD	4900	5000	23/02/2021	96	Right lane	73
MAHANGA ROAD	5000	5100	23/02/2021	83	Left lane	69
MAHANGA ROAD	5000	5100	23/02/2021	76	Right lane	70
MAHANGA ROAD	5100	5200	23/02/2021	89	Left lane	67
MAHANGA ROAD	5100	5200	23/02/2021	83	Right lane	71
MAHANGA ROAD	5200	5300	23/02/2021	87	Left lane	72
MAHANGA ROAD	5200	5300	23/02/2021	80	Right lane	63
MAHANGA ROAD	5300	5400	23/02/2021	97	Left lane	60
MAHANGA ROAD	5300	5400	23/02/2021	104	Right lane	64
MAHANGA ROAD	5400	5500	23/02/2021	72	Left lane	66
MAHANGA ROAD	5400	5500	23/02/2021	75	Right lane	78
MAHANGA ROAD	5500	5600	23/02/2021	77	Left lane	69
MAHANGA ROAD	5500	5600	23/02/2021	67	Right lane	76
MAHANGA ROAD	5600	5700	23/02/2021	68	Left lane	70
MAHANGA ROAD	5600	5700	23/02/2021	62	Right lane	74
MAHANGA ROAD	5700	5800	23/02/2021	52	Left lane	75
MAHANGA ROAD	5700	5800	23/02/2021	62	Right lane	73
MAHANGA ROAD	5800	5900	23/02/2021	77	Left lane	77
MAHANGA ROAD	5800	5900	23/02/2021	81	Right lane	68

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHANGA ROAD	5900	6000	23/02/2021	75	Left lane	79
MAHANGA ROAD	5900	6000	23/02/2021	81	Right lane	69
MAHANGA ROAD	6000	6100	23/02/2021	69	Left lane	81
MAHANGA ROAD	6000	6100	23/02/2021	70	Right lane	68
MAHANGA ROAD	6100	6200	23/02/2021	55	Left lane	85
MAHANGA ROAD	6100	6200	23/02/2021	81	Right lane	69
MAHANGA ROAD	6200	6300	23/02/2021	77	Left lane	87
MAHANGA ROAD	6200	6300	23/02/2021	49	Right lane	70
MAHANGA ROAD	6300	6400	23/02/2021	74	Left lane	86
MAHANGA ROAD	6300	6400	23/02/2021	57	Right lane	64
MAHANGA ROAD	6400	6500	23/02/2021	79	Left lane	75
MAHANGA ROAD	6400	6500	23/02/2021	76	Right lane	58
MAHANGA ROAD	6500	6600	23/02/2021	71	Left lane	62
MAHANGA ROAD	6500	6600	23/02/2021	72	Right lane	49
MAHANGA ROAD	6600	6648	23/02/2021	110	Left lane	35
MAHANGA ROAD	6600	6648	23/02/2021	135	Right lane	23
MAHANGA ROAD	7400	7500	23/02/2021	76	Left lane	34
MAHANGA ROAD	7400	7500	23/02/2021	68	Right lane	39
MAHANGA ROAD	7500	7547	23/02/2021	84	Left lane	34
MAHANGA ROAD	7500	7547	23/02/2021	113	Right lane	25
MAHIA EAST COAST ROAD	0	100	23/02/2021	95	Left lane	37
MAHIA EAST COAST ROAD	0	100	23/02/2021	123	Right lane	57
MAHIA EAST COAST ROAD	100	200	23/02/2021	132	Left lane	46
MAHIA EAST COAST ROAD	100	200	23/02/2021	148	Right lane	60
MAHIA EAST COAST ROAD	200	300	23/02/2021	88	Left lane	52
MAHIA EAST COAST ROAD	200	300	23/02/2021	102	Right lane	62
MAHIA EAST COAST ROAD	300	400	23/02/2021	75	Left lane	57
MAHIA EAST COAST ROAD	300	400	23/02/2021	84	Right lane	65
MAHIA EAST COAST ROAD	400	500	23/02/2021	50	Left lane	61
MAHIA EAST COAST ROAD	400	500	23/02/2021	49	Right lane	68
MAHIA EAST COAST ROAD	500	600	23/02/2021	59	Left lane	67
MAHIA EAST COAST ROAD	500	600	23/02/2021	71	Right lane	71
MAHIA EAST COAST ROAD	600	700	23/02/2021	75	Left lane	71
MAHIA EAST COAST ROAD	600	700	23/02/2021	61	Right lane	72
MAHIA EAST COAST ROAD	700	800	23/02/2021	61	Left lane	74
MAHIA EAST COAST ROAD	700	800	23/02/2021	69	Right lane	72
MAHIA EAST COAST ROAD	800	900	23/02/2021	61	Left lane	76
MAHIA EAST COAST ROAD	800	900	23/02/2021	79	Right lane	70
MAHIA EAST COAST ROAD	900	1000	23/02/2021	62	Left lane	72

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	900	1000	23/02/2021	70	Right lane	72
MAHIA EAST COAST ROAD	1000	1100	23/02/2021	80	Left lane	67
MAHIA EAST COAST ROAD	1000	1100	23/02/2021	75	Right lane	71
MAHIA EAST COAST ROAD	1100	1200	23/02/2021	107	Left lane	64
MAHIA EAST COAST ROAD	1100	1200	23/02/2021	155	Right lane	68
MAHIA EAST COAST ROAD	1200	1300	23/02/2021	120	Left lane	66
MAHIA EAST COAST ROAD	1200	1300	23/02/2021	123	Right lane	68
MAHIA EAST COAST ROAD	1300	1400	23/02/2021	74	Left lane	69
MAHIA EAST COAST ROAD	1300	1400	23/02/2021	67	Right lane	69
MAHIA EAST COAST ROAD	1400	1500	23/02/2021	70	Left lane	69
MAHIA EAST COAST ROAD	1400	1500	23/02/2021	64	Right lane	71
MAHIA EAST COAST ROAD	1500	1600	23/02/2021	90	Left lane	67
MAHIA EAST COAST ROAD	1500	1600	23/02/2021	78	Right lane	70
MAHIA EAST COAST ROAD	1600	1700	23/02/2021	74	Left lane	62
MAHIA EAST COAST ROAD	1600	1700	23/02/2021	83	Right lane	58
MAHIA EAST COAST ROAD	1700	1800	23/02/2021	129	Left lane	56
MAHIA EAST COAST ROAD	1700	1800	23/02/2021	149	Right lane	55
MAHIA EAST COAST ROAD	1800	1900	23/02/2021	171	Left lane	51
MAHIA EAST COAST ROAD	1800	1900	23/02/2021	141	Right lane	54
MAHIA EAST COAST ROAD	1900	2000	23/02/2021	139	Left lane	49
MAHIA EAST COAST ROAD	1900	2000	23/02/2021	137	Right lane	49
MAHIA EAST COAST ROAD	2000	2100	23/02/2021	143	Left lane	50
MAHIA EAST COAST ROAD	2000	2100	23/02/2021	89	Right lane	50
MAHIA EAST COAST ROAD	2100	2200	23/02/2021	165	Left lane	46
MAHIA EAST COAST ROAD	2100	2200	23/02/2021	138	Right lane	56
MAHIA EAST COAST ROAD	2200	2300	23/02/2021	131	Left lane	54
MAHIA EAST COAST ROAD	2200	2300	23/02/2021	115	Right lane	62
MAHIA EAST COAST ROAD	2300	2400	23/02/2021	100	Left lane	55
MAHIA EAST COAST ROAD	2300	2400	23/02/2021	71	Right lane	68
MAHIA EAST COAST ROAD	2400	2500	23/02/2021	138	Left lane	52
MAHIA EAST COAST ROAD	2400	2500	23/02/2021	109	Right lane	72
MAHIA EAST COAST ROAD	2500	2600	23/02/2021	86	Left lane	49
MAHIA EAST COAST ROAD	2500	2600	23/02/2021	86	Right lane	70
MAHIA EAST COAST ROAD	2600	2700	23/02/2021	112	Left lane	51
MAHIA EAST COAST ROAD	2600	2700	23/02/2021	100	Right lane	64
MAHIA EAST COAST ROAD	2700	2800	23/02/2021	84	Left lane	57
MAHIA EAST COAST ROAD	2700	2800	23/02/2021	99	Right lane	60
MAHIA EAST COAST ROAD	2800	2900	23/02/2021	124	Left lane	55
MAHIA EAST COAST ROAD	2800	2900	23/02/2021	168	Right lane	55

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	2900	3000	23/02/2021	137	Left lane	45	
MAHIA EAST COAST ROAD	2900	3000	23/02/2021	107	Right lane	45	
MAHIA EAST COAST ROAD	3000	3100	23/02/2021	132	Left lane	58	
MAHIA EAST COAST ROAD	3000	3100	23/02/2021	137	Right lane	61	
MAHIA EAST COAST ROAD	3100	3200	23/02/2021	93	Left lane	59	
MAHIA EAST COAST ROAD	3100	3200	23/02/2021	112	Right lane	65	
MAHIA EAST COAST ROAD	3200	3300	23/02/2021	149	Left lane	53	
MAHIA EAST COAST ROAD	3200	3300	23/02/2021	150	Right lane	55	
MAHIA EAST COAST ROAD	3300	3400	23/02/2021	91	Left lane	54	
MAHIA EAST COAST ROAD	3300	3400	23/02/2021	79	Right lane	56	
MAHIA EAST COAST ROAD	3400	3500	23/02/2021	88	Left lane	61	
MAHIA EAST COAST ROAD	3400	3500	23/02/2021	79	Right lane	62	
MAHIA EAST COAST ROAD	3500	3600	23/02/2021	101	Left lane	63	
MAHIA EAST COAST ROAD	3500	3600	23/02/2021	92	Right lane	68	
MAHIA EAST COAST ROAD	3600	3700	23/02/2021	90	Left lane	61	
MAHIA EAST COAST ROAD	3600	3700	23/02/2021	122	Right lane	65	
MAHIA EAST COAST ROAD	3700	3800	23/02/2021	156	Left lane	55	BRIDGE Abutment end (Both)
MAHIA EAST COAST ROAD	3700	3800	23/02/2021	148	Right lane	55	
MAHIA EAST COAST ROAD	3800	3900	23/02/2021	76	Left lane	48	
MAHIA EAST COAST ROAD	3800	3900	23/02/2021	119	Right lane	53	
MAHIA EAST COAST ROAD	3900	4000	23/02/2021	83	Left lane	35	
MAHIA EAST COAST ROAD	3900	4000	23/02/2021	103	Right lane	51	
MAHIA EAST COAST ROAD	4000	4100	23/02/2021	121	Left lane	28	UNSEALED Road begin
MAHIA EAST COAST ROAD	4000	4100	23/02/2021	89	Right lane	39	
MAHIA EAST COAST ROAD	4100	4200	23/02/2021	233	Left lane	28	UNSEALED Road begin
MAHIA EAST COAST ROAD	4100	4200	23/02/2021	251	Right lane	25	UNSEALED Road begin
MAHIA EAST COAST ROAD	4200	4300	23/02/2021	147	Left lane	39	
MAHIA EAST COAST ROAD	4200	4300	23/02/2021	138	Right lane	27	
MAHIA EAST COAST ROAD	4300	4400	23/02/2021	113	Left lane	43	
MAHIA EAST COAST ROAD	4300	4400	23/02/2021	86	Right lane	50	
MAHIA EAST COAST ROAD	4400	4500	23/02/2021	105	Left lane	42	
MAHIA EAST COAST ROAD	4400	4500	23/02/2021	144	Right lane	48	
MAHIA EAST COAST ROAD	4500	4600	23/02/2021	121	Left lane	35	
MAHIA EAST COAST ROAD	4500	4600	23/02/2021	146	Right lane	38	
MAHIA EAST COAST ROAD	4600	4700	23/02/2021	80	Left lane	48	
MAHIA EAST COAST ROAD	4600	4700	23/02/2021	91	Right lane	51	
MAHIA EAST COAST ROAD	4700	4800	23/02/2021	135	Left lane	46	
MAHIA EAST COAST ROAD	4700	4800	23/02/2021	97	Right lane	52	
MAHIA EAST COAST ROAD	4800	4900	23/02/2021	108	Left lane	44	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	4800	4900	23/02/2021	116	Right lane	48
MAHIA EAST COAST ROAD	4900	5000	23/02/2021	126	Left lane	43
MAHIA EAST COAST ROAD	4900	5000	23/02/2021	149	Right lane	44
MAHIA EAST COAST ROAD	5000	5100	23/02/2021	99	Left lane	20
MAHIA EAST COAST ROAD	5000	5100	23/02/2021	104	Right lane	46
MAHIA EAST COAST ROAD	5100	5200	23/02/2021	101	Left lane	25
MAHIA EAST COAST ROAD	5100	5200	23/02/2021	121	Right lane	45
MAHIA EAST COAST ROAD	5200	5300	23/02/2021	70	Left lane	28
MAHIA EAST COAST ROAD	5200	5300	23/02/2021	89	Right lane	46
MAHIA EAST COAST ROAD	5300	5400	23/02/2021	106	Left lane	29
MAHIA EAST COAST ROAD	5300	5400	23/02/2021	83	Right lane	41
MAHIA EAST COAST ROAD	5400	5500	23/02/2021	91	Left lane	35
MAHIA EAST COAST ROAD	5400	5500	23/02/2021	92	Right lane	35
MAHIA EAST COAST ROAD	5500	5600	23/02/2021	68	Left lane	32
MAHIA EAST COAST ROAD	5500	5600	23/02/2021	98	Right lane	33
MAHIA EAST COAST ROAD	5600	5700	23/02/2021	116	Left lane	23
MAHIA EAST COAST ROAD	5600	5700	23/02/2021	119	Right lane	36
MAHIA EAST COAST ROAD	5700	5800	23/02/2021	106	Left lane	23
MAHIA EAST COAST ROAD	5700	5800	23/02/2021	120	Right lane	41
MAHIA EAST COAST ROAD	5800	5900	23/02/2021	103	Left lane	23
MAHIA EAST COAST ROAD	5800	5900	23/02/2021	91	Right lane	48
MAHIA EAST COAST ROAD	5900	6000	23/02/2021	112	Left lane	24
MAHIA EAST COAST ROAD	5900	6000	23/02/2021	80	Right lane	49
MAHIA EAST COAST ROAD	6000	6100	23/02/2021	96	Left lane	27
MAHIA EAST COAST ROAD	6000	6100	23/02/2021	81	Right lane	50
MAHIA EAST COAST ROAD	6100	6200	23/02/2021	107	Left lane	25
MAHIA EAST COAST ROAD	6100	6200	23/02/2021	76	Right lane	51
MAHIA EAST COAST ROAD	6200	6300	23/02/2021	83	Left lane	31
MAHIA EAST COAST ROAD	6200	6300	23/02/2021	84	Right lane	54
MAHIA EAST COAST ROAD	6300	6400	23/02/2021	83	Left lane	30
MAHIA EAST COAST ROAD	6300	6400	23/02/2021	89	Right lane	50
MAHIA EAST COAST ROAD	6400	6500	23/02/2021	77	Left lane	29
MAHIA EAST COAST ROAD	6400	6500	23/02/2021	86	Right lane	34
MAHIA EAST COAST ROAD	6500	6600	23/02/2021	83	Left lane	52
MAHIA EAST COAST ROAD	6500	6600	23/02/2021	84	Right lane	56
MAHIA EAST COAST ROAD	6600	6700	23/02/2021	68	Left lane	58
MAHIA EAST COAST ROAD	6600	6700	23/02/2021	81	Right lane	59
MAHIA EAST COAST ROAD	6700	6800	23/02/2021	101	Left lane	60
MAHIA EAST COAST ROAD	6700	6800	23/02/2021	86	Right lane	49

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	6800	6900	23/02/2021	64	Left lane	64	
MAHIA EAST COAST ROAD	6800	6900	23/02/2021	76	Right lane	57	
MAHIA EAST COAST ROAD	6900	7000	23/02/2021	128	Left lane	66	
MAHIA EAST COAST ROAD	6900	7000	23/02/2021	93	Right lane	54	
MAHIA EAST COAST ROAD	7000	7100	23/02/2021	124	Left lane	68	
MAHIA EAST COAST ROAD	7000	7100	23/02/2021	122	Right lane	52	
MAHIA EAST COAST ROAD	7100	7200	23/02/2021	140	Left lane	59	
MAHIA EAST COAST ROAD	7100	7200	23/02/2021	125	Right lane	51	
MAHIA EAST COAST ROAD	7200	7300	23/02/2021	137	Left lane	48	
MAHIA EAST COAST ROAD	7200	7300	23/02/2021	102	Right lane	45	
MAHIA EAST COAST ROAD	7300	7400	23/02/2021	77	Left lane	53	
MAHIA EAST COAST ROAD	7300	7400	23/02/2021	89	Right lane	51	
MAHIA EAST COAST ROAD	7400	7500	23/02/2021	84	Left lane	55	
MAHIA EAST COAST ROAD	7400	7500	23/02/2021	90	Right lane	51	
MAHIA EAST COAST ROAD	7500	7600	23/02/2021	77	Left lane	49	
MAHIA EAST COAST ROAD	7500	7600	23/02/2021	94	Right lane	44	
MAHIA EAST COAST ROAD	7600	7700	23/02/2021	90	Left lane	41	
MAHIA EAST COAST ROAD	7600	7700	23/02/2021	115	Right lane	44	
MAHIA EAST COAST ROAD	7700	7800	23/02/2021	76	Left lane	53	
MAHIA EAST COAST ROAD	7700	7800	23/02/2021	82	Right lane	53	
MAHIA EAST COAST ROAD	7800	7900	23/02/2021	161	Left lane	38	BRIDGE Abutment end (Both)
MAHIA EAST COAST ROAD	7800	7900	23/02/2021	153	Right lane	37	
MAHIA EAST COAST ROAD	7900	8000	23/02/2021	99	Left lane	44	
MAHIA EAST COAST ROAD	7900	8000	23/02/2021	100	Right lane	47	
MAHIA EAST COAST ROAD	8000	8100	23/02/2021	73	Left lane	65	
MAHIA EAST COAST ROAD	8000	8100	23/02/2021	84	Right lane	66	
MAHIA EAST COAST ROAD	8100	8200	23/02/2021	93	Left lane	63	
MAHIA EAST COAST ROAD	8100	8200	23/02/2021	68	Right lane	63	
MAHIA EAST COAST ROAD	8200	8300	23/02/2021	138	Left lane	51	
MAHIA EAST COAST ROAD	8200	8300	23/02/2021	129	Right lane	58	
MAHIA EAST COAST ROAD	8300	8400	23/02/2021	96	Left lane	47	
MAHIA EAST COAST ROAD	8300	8400	23/02/2021	68	Right lane	52	
MAHIA EAST COAST ROAD	8400	8500	23/02/2021	85	Left lane	52	
MAHIA EAST COAST ROAD	8400	8500	23/02/2021	93	Right lane	50	
MAHIA EAST COAST ROAD	8500	8600	23/02/2021	93	Left lane	50	
MAHIA EAST COAST ROAD	8500	8600	23/02/2021	72	Right lane	62	
MAHIA EAST COAST ROAD	8600	8700	23/02/2021	64	Left lane	61	
MAHIA EAST COAST ROAD	8600	8700	23/02/2021	79	Right lane	76	
MAHIA EAST COAST ROAD	8700	8800	23/02/2021	52	Left lane	64	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	8700	8800	23/02/2021	70	Right lane	74
MAHIA EAST COAST ROAD	8800	8900	23/02/2021	66	Left lane	58
MAHIA EAST COAST ROAD	8800	8900	23/02/2021	65	Right lane	68
MAHIA EAST COAST ROAD	8900	9000	23/02/2021	69	Left lane	59
MAHIA EAST COAST ROAD	8900	9000	23/02/2021	70	Right lane	65
MAHIA EAST COAST ROAD	9000	9100	23/02/2021	85	Left lane	55
MAHIA EAST COAST ROAD	9000	9100	23/02/2021	64	Right lane	58
MAHIA EAST COAST ROAD	9100	9200	23/02/2021	77	Left lane	56
MAHIA EAST COAST ROAD	9100	9200	23/02/2021	77	Right lane	55
MAHIA EAST COAST ROAD	9200	9300	23/02/2021	71	Left lane	55
MAHIA EAST COAST ROAD	9200	9300	23/02/2021	95	Right lane	47
MAHIA EAST COAST ROAD	9300	9400	23/02/2021	83	Left lane	53
MAHIA EAST COAST ROAD	9300	9400	23/02/2021	72	Right lane	39
MAHIA EAST COAST ROAD	9400	9500	23/02/2021	68	Left lane	58
MAHIA EAST COAST ROAD	9400	9500	23/02/2021	63	Right lane	48
MAHIA EAST COAST ROAD	9500	9600	23/02/2021	89	Left lane	56
MAHIA EAST COAST ROAD	9500	9600	23/02/2021	101	Right lane	48
MAHIA EAST COAST ROAD	9600	9700	23/02/2021	67	Left lane	65
MAHIA EAST COAST ROAD	9600	9700	23/02/2021	87	Right lane	56
MAHIA EAST COAST ROAD	9700	9800	23/02/2021	70	Left lane	64
MAHIA EAST COAST ROAD	9700	9800	23/02/2021	82	Right lane	56
MAHIA EAST COAST ROAD	9800	9900	23/02/2021	72	Left lane	42
MAHIA EAST COAST ROAD	9800	9900	23/02/2021	84	Right lane	46
MAHIA EAST COAST ROAD	9900	10000	23/02/2021	91	Left lane	53
MAHIA EAST COAST ROAD	9900	10000	23/02/2021	83	Right lane	47
MAHIA EAST COAST ROAD	10000	10100	23/02/2021	115	Left lane	51
MAHIA EAST COAST ROAD	10000	10100	23/02/2021	90	Right lane	49
MAHIA EAST COAST ROAD	10100	10200	23/02/2021	88	Left lane	58
MAHIA EAST COAST ROAD	10100	10200	23/02/2021	86	Right lane	58
MAHIA EAST COAST ROAD	10200	10300	23/02/2021	79	Left lane	48
MAHIA EAST COAST ROAD	10200	10300	23/02/2021	82	Right lane	51
MAHIA EAST COAST ROAD	10300	10400	23/02/2021	80	Left lane	51
MAHIA EAST COAST ROAD	10300	10400	23/02/2021	91	Right lane	51
MAHIA EAST COAST ROAD	10400	10500	23/02/2021	98	Left lane	52
MAHIA EAST COAST ROAD	10400	10500	23/02/2021	101	Right lane	51
MAHIA EAST COAST ROAD	10500	10600	23/02/2021	100	Left lane	43
MAHIA EAST COAST ROAD	10500	10600	23/02/2021	90	Right lane	40
MAHIA EAST COAST ROAD	10600	10700	23/02/2021	85	Left lane	38
MAHIA EAST COAST ROAD	10600	10700	23/02/2021	75	Right lane	38

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	10700	10800	23/02/2021	71	Left lane	37
MAHIA EAST COAST ROAD	10700	10800	23/02/2021	87	Right lane	50
MAHIA EAST COAST ROAD	10800	10900	23/02/2021	74	Left lane	42
MAHIA EAST COAST ROAD	10800	10900	23/02/2021	66	Right lane	55
MAHIA EAST COAST ROAD	10900	11000	23/02/2021	97	Left lane	34
MAHIA EAST COAST ROAD	10900	11000	23/02/2021	86	Right lane	44
MAHIA EAST COAST ROAD	11000	11100	23/02/2021	73	Left lane	39
MAHIA EAST COAST ROAD	11000	11100	23/02/2021	105	Right lane	41
MAHIA EAST COAST ROAD	11100	11200	23/02/2021	70	Left lane	45
MAHIA EAST COAST ROAD	11100	11200	23/02/2021	120	Right lane	50
MAHIA EAST COAST ROAD	11200	11300	23/02/2021	96	Left lane	50
MAHIA EAST COAST ROAD	11200	11300	23/02/2021	97	Right lane	56
MAHIA EAST COAST ROAD	11300	11400	23/02/2021	75	Left lane	56
MAHIA EAST COAST ROAD	11300	11400	23/02/2021	65	Right lane	52
MAHIA EAST COAST ROAD	11400	11500	23/02/2021	142	Left lane	49
MAHIA EAST COAST ROAD	11400	11500	23/02/2021	133	Right lane	49
MAHIA EAST COAST ROAD	11500	11600	23/02/2021	71	Left lane	60
MAHIA EAST COAST ROAD	11500	11600	23/02/2021	80	Right lane	61
MAHIA EAST COAST ROAD	11600	11700	23/02/2021	56	Left lane	60
MAHIA EAST COAST ROAD	11600	11700	23/02/2021	76	Right lane	64
MAHIA EAST COAST ROAD	11700	11800	23/02/2021	82	Left lane	59
MAHIA EAST COAST ROAD	11700	11800	23/02/2021	74	Right lane	70
MAHIA EAST COAST ROAD	11800	11900	23/02/2021	65	Left lane	56
MAHIA EAST COAST ROAD	11800	11900	23/02/2021	77	Right lane	67
MAHIA EAST COAST ROAD	11900	12000	23/02/2021	58	Left lane	62
MAHIA EAST COAST ROAD	11900	12000	23/02/2021	81	Right lane	64
MAHIA EAST COAST ROAD	12000	12100	23/02/2021	102	Left lane	55
MAHIA EAST COAST ROAD	12000	12100	23/02/2021	83	Right lane	53
MAHIA EAST COAST ROAD	12100	12200	23/02/2021	101	Left lane	61
MAHIA EAST COAST ROAD	12100	12200	23/02/2021	78	Right lane	61
MAHIA EAST COAST ROAD	12200	12300	23/02/2021	80	Left lane	65
MAHIA EAST COAST ROAD	12200	12300	23/02/2021	70	Right lane	64
MAHIA EAST COAST ROAD	12300	12400	23/02/2021	88	Left lane	50
MAHIA EAST COAST ROAD	12300	12400	23/02/2021	99	Right lane	47
MAHIA EAST COAST ROAD	12400	12500	23/02/2021	65	Left lane	44
MAHIA EAST COAST ROAD	12400	12500	23/02/2021	72	Right lane	48
MAHIA EAST COAST ROAD	12500	12600	23/02/2021	98	Left lane	40
MAHIA EAST COAST ROAD	12500	12600	23/02/2021	119	Right lane	49
MAHIA EAST COAST ROAD	12600	12700	23/02/2021	94	Left lane	44

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	12600	12700	23/02/2021	75	Right lane	51
MAHIA EAST COAST ROAD	12700	12800	23/02/2021	104	Left lane	47
MAHIA EAST COAST ROAD	12700	12800	23/02/2021	95	Right lane	57
MAHIA EAST COAST ROAD	12800	12900	23/02/2021	79	Left lane	56
MAHIA EAST COAST ROAD	12800	12900	23/02/2021	67	Right lane	60
MAHIA EAST COAST ROAD	12900	12973	23/02/2021	88	Left lane	48
MAHIA EAST COAST ROAD	12900	12973	23/02/2021	104	Right lane	40
MAHIA EAST COAST ROAD	14600	14700	23/02/2021	77	Left lane	26
MAHIA EAST COAST ROAD	14600	14700	23/02/2021	96	Right lane	38
MAHIA EAST COAST ROAD	14700	14800	23/02/2021	94	Left lane	42
MAHIA EAST COAST ROAD	14700	14800	23/02/2021	94	Right lane	42
MAHIA EAST COAST ROAD	14800	14900	23/02/2021	83	Left lane	55
MAHIA EAST COAST ROAD	14800	14900	23/02/2021	64	Right lane	49
MAHIA EAST COAST ROAD	14900	15000	23/02/2021	102	Left lane	42
MAHIA EAST COAST ROAD	14900	15000	23/02/2021	87	Right lane	42
MAHIA EAST COAST ROAD	15000	15100	23/02/2021	94	Left lane	38
MAHIA EAST COAST ROAD	15000	15100	23/02/2021	104	Right lane	37
MAHIA EAST COAST ROAD	15100	15119	23/02/2021	161	Left lane	35
MAHIA EAST COAST ROAD	15100	15114	23/02/2021	166	Right lane	32
MAHIA EAST COAST ROAD	16100	16200	23/02/2021	77	Left lane	27
MAHIA EAST COAST ROAD	16100	16200	23/02/2021	123	Right lane	41
MAHIA EAST COAST ROAD	16200	16300	23/02/2021	73	Left lane	46
MAHIA EAST COAST ROAD	16200	16300	23/02/2021	74	Right lane	57
MAHIA EAST COAST ROAD	16300	16400	23/02/2021	64	Left lane	56
MAHIA EAST COAST ROAD	16300	16400	23/02/2021	68	Right lane	59
MAHIA EAST COAST ROAD	16400	16483	23/02/2021	115	Left lane	46
MAHIA EAST COAST ROAD	16400	16480	23/02/2021	79	Right lane	41
MAHIA EAST COAST ROAD	17600	17700	23/02/2021	125	Left lane	38
MAHIA EAST COAST ROAD	17600	17700	23/02/2021	157	Right lane	40
MAHIA EAST COAST ROAD	17700	17800	23/02/2021	111	Left lane	48
MAHIA EAST COAST ROAD	17700	17800	23/02/2021	117	Right lane	47
MAHIA EAST COAST ROAD	17800	17900	23/02/2021	140	Left lane	42
MAHIA EAST COAST ROAD	17800	17900	23/02/2021	134	Right lane	39
MAHIA EAST COAST ROAD	17900	18000	23/02/2021	114	Left lane	47
MAHIA EAST COAST ROAD	17900	18000	23/02/2021	109	Right lane	42
MAHIA EAST COAST ROAD	18000	18100	23/02/2021	136	Left lane	42
MAHIA EAST COAST ROAD	18000	18100	23/02/2021	116	Right lane	42
MAHIA EAST COAST ROAD	18100	18200	23/02/2021	159	Left lane	37
MAHIA EAST COAST ROAD	18100	18200	23/02/2021	135	Right lane	37

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	18200	18300	23/02/2021	113	Left lane	42
MAHIA EAST COAST ROAD	18200	18300	23/02/2021	118	Right lane	42
MAHIA EAST COAST ROAD	18300	18400	23/02/2021	118	Left lane	47
MAHIA EAST COAST ROAD	18300	18400	23/02/2021	89	Right lane	43
MAHIA EAST COAST ROAD	18400	18500	23/02/2021	103	Left lane	38
MAHIA EAST COAST ROAD	18400	18500	23/02/2021	96	Right lane	35
MAHIA EAST COAST ROAD	18500	18600	23/02/2021	130	Left lane	37
MAHIA EAST COAST ROAD	18500	18600	23/02/2021	118	Right lane	43
MAHIA EAST COAST ROAD	18600	18700	23/02/2021	93	Left lane	39
MAHIA EAST COAST ROAD	18600	18700	23/02/2021	76	Right lane	42
MAHIA EAST COAST ROAD	18700	18800	23/02/2021	60	Left lane	53
MAHIA EAST COAST ROAD	18700	18800	23/02/2021	74	Right lane	59
MAHIA EAST COAST ROAD	18800	18900	23/02/2021	61	Left lane	61
MAHIA EAST COAST ROAD	18800	18900	23/02/2021	73	Right lane	75
MAHIA EAST COAST ROAD	18900	19000	23/02/2021	68	Left lane	65
MAHIA EAST COAST ROAD	18900	19000	23/02/2021	54	Right lane	74
MAHIA EAST COAST ROAD	19000	19100	23/02/2021	59	Left lane	71
MAHIA EAST COAST ROAD	19000	19100	23/02/2021	56	Right lane	72
MAHIA EAST COAST ROAD	19100	19200	23/02/2021	61	Left lane	68
MAHIA EAST COAST ROAD	19100	19200	23/02/2021	53	Right lane	67
MAHIA EAST COAST ROAD	19200	19300	23/02/2021	66	Left lane	70
MAHIA EAST COAST ROAD	19200	19300	23/02/2021	65	Right lane	70
MAHIA EAST COAST ROAD	19300	19400	23/02/2021	44	Left lane	74
MAHIA EAST COAST ROAD	19300	19400	23/02/2021	61	Right lane	72
MAHIA EAST COAST ROAD	19400	19500	23/02/2021	62	Left lane	74
MAHIA EAST COAST ROAD	19400	19500	23/02/2021	53	Right lane	66
MAHIA EAST COAST ROAD	19500	19600	23/02/2021	71	Left lane	70
MAHIA EAST COAST ROAD	19500	19600	23/02/2021	83	Right lane	59
MAHIA EAST COAST ROAD	19600	19700	23/02/2021	72	Left lane	75
MAHIA EAST COAST ROAD	19600	19700	23/02/2021	86	Right lane	60
MAHIA EAST COAST ROAD	19700	19800	23/02/2021	98	Left lane	73
MAHIA EAST COAST ROAD	19700	19800	23/02/2021	96	Right lane	54
MAHIA EAST COAST ROAD	19800	19900	23/02/2021	80	Left lane	60
MAHIA EAST COAST ROAD	19800	19900	23/02/2021	108	Right lane	39
MAHIA EAST COAST ROAD	19900	20000	23/02/2021	120	Left lane	51
MAHIA EAST COAST ROAD	19900	20000	23/02/2021	130	Right lane	47
MAHIA EAST COAST ROAD	20000	20100	23/02/2021	100	Left lane	50
MAHIA EAST COAST ROAD	20000	20100	23/02/2021	105	Right lane	52
MAHIA EAST COAST ROAD	20100	20200	23/02/2021	110	Left lane	39

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	20100	20200	23/02/2021	98	Right lane	40
MAHIA EAST COAST ROAD	20200	20300	23/02/2021	129	Left lane	38
MAHIA EAST COAST ROAD	20200	20300	23/02/2021	131	Right lane	39
MAHIA EAST COAST ROAD	20300	20400	23/02/2021	120	Left lane	32
MAHIA EAST COAST ROAD	20300	20400	23/02/2021	117	Right lane	35
MAHIA EAST COAST ROAD	20400	20500	23/02/2021	132	Left lane	38
MAHIA EAST COAST ROAD	20400	20500	23/02/2021	125	Right lane	41
MAHIA EAST COAST ROAD	20500	20600	23/02/2021	84	Left lane	44
MAHIA EAST COAST ROAD	20500	20600	23/02/2021	95	Right lane	49
MAHIA EAST COAST ROAD	20600	20700	23/02/2021	91	Left lane	42
MAHIA EAST COAST ROAD	20600	20700	23/02/2021	83	Right lane	46
MAHIA EAST COAST ROAD	20700	20800	23/02/2021	116	Left lane	37
MAHIA EAST COAST ROAD	20700	20800	23/02/2021	103	Right lane	39
MAHIA EAST COAST ROAD	20800	20900	23/02/2021	131	Left lane	41
MAHIA EAST COAST ROAD	20800	20900	23/02/2021	128	Right lane	43
MAHIA EAST COAST ROAD	20900	21000	23/02/2021	113	Left lane	39
MAHIA EAST COAST ROAD	20900	21000	23/02/2021	102	Right lane	37
MAHIA EAST COAST ROAD	21000	21100	23/02/2021	90	Left lane	45
MAHIA EAST COAST ROAD	21000	21100	23/02/2021	79	Right lane	40
MAHIA EAST COAST ROAD	21100	21116	23/02/2021	68	Left lane	41
MAHIA EAST COAST ROAD	21100	21116	23/02/2021	118	Right lane	28
MAHIA EAST COAST ROAD	21500	21600	23/02/2021	156	Left lane	30
MAHIA EAST COAST ROAD	21500	21600	23/02/2021	149	Right lane	33
MAHIA EAST COAST ROAD	21600	21700	23/02/2021	103	Left lane	39
MAHIA EAST COAST ROAD	21600	21700	23/02/2021	110	Right lane	37
MAHIA EAST COAST ROAD	21700	21800	23/02/2021	109	Left lane	45
MAHIA EAST COAST ROAD	21700	21800	23/02/2021	83	Right lane	55
MAHIA EAST COAST ROAD	21800	21900	23/02/2021	96	Left lane	51
MAHIA EAST COAST ROAD	21800	21900	23/02/2021	114	Right lane	47
MAHIA EAST COAST ROAD	21900	22000	23/02/2021	105	Left lane	45
MAHIA EAST COAST ROAD	21900	22000	23/02/2021	99	Right lane	36
MAHIA EAST COAST ROAD	22000	22100	23/02/2021	94	Left lane	42
MAHIA EAST COAST ROAD	22000	22100	23/02/2021	112	Right lane	38
MAHIA EAST COAST ROAD	22100	22200	23/02/2021	158	Left lane	33
MAHIA EAST COAST ROAD	22100	22200	23/02/2021	148	Right lane	32
MAHIA EAST COAST ROAD	22200	22300	23/02/2021	156	Left lane	36
MAHIA EAST COAST ROAD	22200	22300	23/02/2021	140	Right lane	43
MAHIA EAST COAST ROAD	22300	22400	23/02/2021	101	Left lane	44
MAHIA EAST COAST ROAD	22300	22400	23/02/2021	70	Right lane	46

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	22400	22500	23/02/2021	138	Left lane	42	
MAHIA EAST COAST ROAD	22400	22500	23/02/2021	136	Right lane	34	
MAHIA EAST COAST ROAD	22500	22600	23/02/2021	155	Left lane	31	
MAHIA EAST COAST ROAD	22500	22600	23/02/2021	199	Right lane	30	
MAHIA EAST COAST ROAD	22600	22700	23/02/2021	93	Left lane	36	
MAHIA EAST COAST ROAD	22600	22700	23/02/2021	138	Right lane	40	
MAHIA EAST COAST ROAD	22700	22800	23/02/2021	127	Left lane	44	
MAHIA EAST COAST ROAD	22700	22800	23/02/2021	172	Right lane	37	
MAHIA EAST COAST ROAD	22800	22900	23/02/2021	156	Left lane	35	
MAHIA EAST COAST ROAD	22800	22900	23/02/2021	130	Right lane	37	
MAHIA EAST COAST ROAD	22900	23000	23/02/2021	87	Left lane	46	
MAHIA EAST COAST ROAD	22900	23000	23/02/2021	115	Right lane	44	
MAHIA EAST COAST ROAD	23000	23100	23/02/2021	113	Left lane	46	
MAHIA EAST COAST ROAD	23000	23100	23/02/2021	117	Right lane	39	
MAHIA EAST COAST ROAD	23100	23200	23/02/2021	111	Left lane	38	
MAHIA EAST COAST ROAD	23100	23200	23/02/2021	97	Right lane	40	
MAHIA EAST COAST ROAD	23200	23300	23/02/2021	143	Left lane	37	
MAHIA EAST COAST ROAD	23200	23300	23/02/2021	120	Right lane	37	
MAHIA EAST COAST ROAD	23300	23400	23/02/2021	165	Left lane	32	GRID (eg Cattle Stop)
MAHIA EAST COAST ROAD	23300	23400	23/02/2021	152	Right lane	36	
MAHIA EAST COAST ROAD	23400	23500	23/02/2021	99	Left lane	40	
MAHIA EAST COAST ROAD	23400	23500	23/02/2021	85	Right lane	38	
MAHIA EAST COAST ROAD	23500	23600	23/02/2021	80	Left lane	35	
MAHIA EAST COAST ROAD	23500	23600	23/02/2021	95	Right lane	36	
MAHIA EAST COAST ROAD	23600	23700	23/02/2021	82	Left lane	36	
MAHIA EAST COAST ROAD	23600	23700	23/02/2021	82	Right lane	49	
MAHIA EAST COAST ROAD	23700	23800	23/02/2021	76	Left lane	44	
MAHIA EAST COAST ROAD	23700	23800	23/02/2021	97	Right lane	48	
MAHIA EAST COAST ROAD	23800	23900	23/02/2021	127	Left lane	36	
MAHIA EAST COAST ROAD	23800	23900	23/02/2021	129	Right lane	34	
MAHIA EAST COAST ROAD	23900	24000	23/02/2021	108	Left lane	35	
MAHIA EAST COAST ROAD	23900	24000	23/02/2021	103	Right lane	40	
MAHIA EAST COAST ROAD	24000	24100	23/02/2021	117	Left lane	40	
MAHIA EAST COAST ROAD	24000	24100	23/02/2021	130	Right lane	36	
MAHIA EAST COAST ROAD	24100	24200	23/02/2021	107	Left lane	38	
MAHIA EAST COAST ROAD	24100	24200	23/02/2021	98	Right lane	37	
MAHIA EAST COAST ROAD	24200	24300	23/02/2021	81	Left lane	41	
MAHIA EAST COAST ROAD	24200	24300	23/02/2021	109	Right lane	38	
MAHIA EAST COAST ROAD	24300	24400	23/02/2021	118	Left lane	33	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	24300	24400	23/02/2021	121	Right lane	34
MAHIA EAST COAST ROAD	24400	24500	23/02/2021	116	Left lane	38
MAHIA EAST COAST ROAD	24400	24500	23/02/2021	93	Right lane	42
MAHIA EAST COAST ROAD	24500	24600	23/02/2021	114	Left lane	39
MAHIA EAST COAST ROAD	24500	24600	23/02/2021	124	Right lane	34
MAHIA EAST COAST ROAD	24600	24700	23/02/2021	111	Left lane	41
MAHIA EAST COAST ROAD	24600	24700	23/02/2021	87	Right lane	40
MAHIA EAST COAST ROAD	24700	24800	23/02/2021	119	Left lane	34
MAHIA EAST COAST ROAD	24700	24800	23/02/2021	118	Right lane	34
MAHIA EAST COAST ROAD	24800	24900	23/02/2021	99	Left lane	36
MAHIA EAST COAST ROAD	24800	24900	23/02/2021	124	Right lane	37
MAHIA EAST COAST ROAD	24900	25000	23/02/2021	144	Left lane	34
MAHIA EAST COAST ROAD	24900	25000	23/02/2021	143	Right lane	32
MAHIA EAST COAST ROAD	25000	25100	23/02/2021	133	Left lane	37
MAHIA EAST COAST ROAD	25000	25100	23/02/2021	143	Right lane	40
MAHIA EAST COAST ROAD	25100	25200	23/02/2021	161	Left lane	34
MAHIA EAST COAST ROAD	25100	25200	23/02/2021	156	Right lane	30
MAHIA EAST COAST ROAD	25200	25300	23/02/2021	157	Left lane	32
MAHIA EAST COAST ROAD	25200	25300	23/02/2021	138	Right lane	38
MAHIA EAST COAST ROAD	25300	25400	23/02/2021	119	Left lane	42
MAHIA EAST COAST ROAD	25300	25400	23/02/2021	126	Right lane	48
MAHIA EAST COAST ROAD	25400	25500	23/02/2021	102	Left lane	50
MAHIA EAST COAST ROAD	25400	25500	23/02/2021	112	Right lane	54
MAHIA EAST COAST ROAD	25500	25600	23/02/2021	97	Left lane	50
MAHIA EAST COAST ROAD	25500	25600	23/02/2021	105	Right lane	48
MAHIA EAST COAST ROAD	25600	25700	23/02/2021	93	Left lane	60
MAHIA EAST COAST ROAD	25600	25700	23/02/2021	106	Right lane	54
MAHIA EAST COAST ROAD	25700	25800	23/02/2021	77	Left lane	58
MAHIA EAST COAST ROAD	25700	25800	23/02/2021	109	Right lane	44
MAHIA EAST COAST ROAD	25800	25900	23/02/2021	153	Left lane	42
MAHIA EAST COAST ROAD	25800	25900	23/02/2021	143	Right lane	36
MAHIA EAST COAST ROAD	25900	26000	23/02/2021	129	Left lane	45
MAHIA EAST COAST ROAD	25900	26000	23/02/2021	114	Right lane	44
MAHIA EAST COAST ROAD	26000	26100	23/02/2021	128	Left lane	47
MAHIA EAST COAST ROAD	26000	26100	23/02/2021	112	Right lane	47
MAHIA EAST COAST ROAD	26100	26200	23/02/2021	102	Left lane	54
MAHIA EAST COAST ROAD	26100	26200	23/02/2021	100	Right lane	41
MAHIA EAST COAST ROAD	26200	26300	23/02/2021	121	Left lane	35
MAHIA EAST COAST ROAD	26200	26300	23/02/2021	114	Right lane	37

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	26300	26400	23/02/2021	149	Left lane	38	
MAHIA EAST COAST ROAD	26300	26400	23/02/2021	147	Right lane	42	
MAHIA EAST COAST ROAD	26400	26500	23/02/2021	142	Left lane	40	
MAHIA EAST COAST ROAD	26400	26500	23/02/2021	144	Right lane	40	
MAHIA EAST COAST ROAD	26500	26600	23/02/2021	118	Left lane	37	
MAHIA EAST COAST ROAD	26500	26600	23/02/2021	134	Right lane	33	
MAHIA EAST COAST ROAD	26600	26700	23/02/2021	134	Left lane	32	
MAHIA EAST COAST ROAD	26600	26700	23/02/2021	131	Right lane	33	
MAHIA EAST COAST ROAD	26700	26800	23/02/2021	92	Left lane	47	
MAHIA EAST COAST ROAD	26700	26800	23/02/2021	118	Right lane	38	
MAHIA EAST COAST ROAD	26800	26900	23/02/2021	159	Left lane	33	
MAHIA EAST COAST ROAD	26800	26900	23/02/2021	198	Right lane	30	
MAHIA EAST COAST ROAD	26900	27000	23/02/2021	87	Left lane	39	
MAHIA EAST COAST ROAD	26900	27000	23/02/2021	117	Right lane	38	
MAHIA EAST COAST ROAD	27000	27100	23/02/2021	111	Left lane	36	
MAHIA EAST COAST ROAD	27000	27100	23/02/2021	119	Right lane	31	
MAHIA EAST COAST ROAD	27100	27200	23/02/2021	134	Left lane	30	GRID (eg Cattle Stop)
MAHIA EAST COAST ROAD	27100	27200	23/02/2021	125	Right lane	33	
MAHIA EAST COAST ROAD	27200	27300	23/02/2021	181	Left lane	38	
MAHIA EAST COAST ROAD	27200	27300	23/02/2021	143	Right lane	31	
MAHIA EAST COAST ROAD	27300	27400	23/02/2021	141	Left lane	30	
MAHIA EAST COAST ROAD	27300	27400	23/02/2021	166	Right lane	28	
MAHIA EAST COAST ROAD	27400	27500	23/02/2021	118	Left lane	32	
MAHIA EAST COAST ROAD	27400	27500	23/02/2021	113	Right lane	36	
MAHIA EAST COAST ROAD	27500	27600	23/02/2021	140	Left lane	45	
MAHIA EAST COAST ROAD	27500	27600	23/02/2021	128	Right lane	44	
MAHIA EAST COAST ROAD	27600	27700	23/02/2021	93	Left lane	49	
MAHIA EAST COAST ROAD	27600	27700	23/02/2021	95	Right lane	43	
MAHIA EAST COAST ROAD	27700	27800	23/02/2021	119	Left lane	45	
MAHIA EAST COAST ROAD	27700	27800	23/02/2021	121	Right lane	39	
MAHIA EAST COAST ROAD	27800	27900	23/02/2021	117	Left lane	41	
MAHIA EAST COAST ROAD	27800	27900	23/02/2021	126	Right lane	41	
MAHIA EAST COAST ROAD	27900	28000	23/02/2021	124	Left lane	40	
MAHIA EAST COAST ROAD	27900	28000	23/02/2021	112	Right lane	43	
MAHIA EAST COAST ROAD	28000	28100	23/02/2021	96	Left lane	48	
MAHIA EAST COAST ROAD	28000	28100	23/02/2021	124	Right lane	42	
MAHIA EAST COAST ROAD	28100	28200	23/02/2021	142	Left lane	38	
MAHIA EAST COAST ROAD	28100	28200	23/02/2021	126	Right lane	39	
MAHIA EAST COAST ROAD	28200	28300	23/02/2021	99	Left lane	47	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	28200	28300	23/02/2021	101	Right lane	50
MAHIA EAST COAST ROAD	28300	28400	23/02/2021	108	Left lane	60
MAHIA EAST COAST ROAD	28300	28400	23/02/2021	112	Right lane	47
MAHIA EAST COAST ROAD	28400	28500	23/02/2021	131	Left lane	41
MAHIA EAST COAST ROAD	28400	28500	23/02/2021	145	Right lane	35
MAHIA EAST COAST ROAD	28500	28600	23/02/2021	118	Left lane	43
MAHIA EAST COAST ROAD	28500	28600	23/02/2021	115	Right lane	43
MAHIA EAST COAST ROAD	28600	28700	23/02/2021	128	Left lane	43
MAHIA EAST COAST ROAD	28600	28700	23/02/2021	108	Right lane	45
MAHIA EAST COAST ROAD	28700	28800	23/02/2021	139	Left lane	47
MAHIA EAST COAST ROAD	28700	28800	23/02/2021	133	Right lane	44
MAHIA EAST COAST ROAD	28800	28900	23/02/2021	104	Left lane	51
MAHIA EAST COAST ROAD	28800	28900	23/02/2021	91	Right lane	52
MAHIA EAST COAST ROAD	28900	29000	23/02/2021	135	Left lane	53
MAHIA EAST COAST ROAD	28900	29000	23/02/2021	114	Right lane	55
MAHIA EAST COAST ROAD	29000	29100	23/02/2021	110	Left lane	55
MAHIA EAST COAST ROAD	29000	29100	23/02/2021	103	Right lane	43
MAHIA EAST COAST ROAD	29100	29200	23/02/2021	134	Left lane	43
MAHIA EAST COAST ROAD	29100	29200	23/02/2021	109	Right lane	44
MAHIA EAST COAST ROAD	29200	29300	23/02/2021	112	Left lane	45
MAHIA EAST COAST ROAD	29200	29300	23/02/2021	142	Right lane	38
MAHIA EAST COAST ROAD	29300	29400	23/02/2021	117	Left lane	45
MAHIA EAST COAST ROAD	29300	29400	23/02/2021	153	Right lane	36
MAHIA EAST COAST ROAD	29400	29500	23/02/2021	121	Left lane	40
MAHIA EAST COAST ROAD	29400	29500	23/02/2021	114	Right lane	37
MAHIA EAST COAST ROAD	29500	29600	23/02/2021	115	Left lane	42
MAHIA EAST COAST ROAD	29500	29600	23/02/2021	108	Right lane	35
MAHIA EAST COAST ROAD	29600	29700	23/02/2021	120	Left lane	31
MAHIA EAST COAST ROAD	29600	29700	23/02/2021	124	Right lane	30
MAHIA EAST COAST ROAD	29700	29800	23/02/2021	144	Left lane	37
MAHIA EAST COAST ROAD	29700	29800	23/02/2021	154	Right lane	41
MAHIA EAST COAST ROAD	29800	29900	23/02/2021	125	Left lane	45
MAHIA EAST COAST ROAD	29800	29900	23/02/2021	129	Right lane	44
MAHIA EAST COAST ROAD	29900	30000	23/02/2021	181	Left lane	32
MAHIA EAST COAST ROAD	29900	30000	23/02/2021	170	Right lane	32
MAHIA EAST COAST ROAD	30000	30100	23/02/2021	109	Left lane	45
MAHIA EAST COAST ROAD	30000	30100	23/02/2021	109	Right lane	42
MAHIA EAST COAST ROAD	30100	30200	23/02/2021	103	Left lane	55
MAHIA EAST COAST ROAD	30100	30200	23/02/2021	147	Right lane	41

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	30200	30300	23/02/2021	117	Left lane	57	
MAHIA EAST COAST ROAD	30200	30300	23/02/2021	156	Right lane	39	
MAHIA EAST COAST ROAD	30300	30400	23/02/2021	129	Left lane	45	
MAHIA EAST COAST ROAD	30300	30400	23/02/2021	159	Right lane	39	
MAHIA EAST COAST ROAD	30400	30500	23/02/2021	128	Left lane	48	
MAHIA EAST COAST ROAD	30400	30500	23/02/2021	125	Right lane	44	
MAHIA EAST COAST ROAD	30500	30600	23/02/2021	132	Left lane	50	
MAHIA EAST COAST ROAD	30500	30600	23/02/2021	140	Right lane	41	
MAHIA EAST COAST ROAD	30600	30700	23/02/2021	127	Left lane	46	
MAHIA EAST COAST ROAD	30600	30700	23/02/2021	127	Right lane	40	
MAHIA EAST COAST ROAD	30700	30800	23/02/2021	108	Left lane	45	
MAHIA EAST COAST ROAD	30700	30800	23/02/2021	100	Right lane	45	
MAHIA EAST COAST ROAD	30800	30900	23/02/2021	122	Left lane	37	
MAHIA EAST COAST ROAD	30800	30900	23/02/2021	125	Right lane	37	
MAHIA EAST COAST ROAD	30900	31000	23/02/2021	132	Left lane	43	
MAHIA EAST COAST ROAD	30900	31000	23/02/2021	117	Right lane	49	
MAHIA EAST COAST ROAD	31000	31100	23/02/2021	131	Left lane	45	
MAHIA EAST COAST ROAD	31000	31100	23/02/2021	136	Right lane	46	
MAHIA EAST COAST ROAD	31100	31200	23/02/2021	120	Left lane	40	
MAHIA EAST COAST ROAD	31100	31200	23/02/2021	114	Right lane	44	
MAHIA EAST COAST ROAD	31200	31300	23/02/2021	136	Left lane	29	
MAHIA EAST COAST ROAD	31200	31300	23/02/2021	130	Right lane	28	
MAHIA EAST COAST ROAD	31300	31400	23/02/2021	140	Left lane	23	GRID (eg Cattle Stop)
MAHIA EAST COAST ROAD	31300	31400	23/02/2021	146	Right lane	28	
MAHIA EAST COAST ROAD	31400	31500	23/02/2021	103	Left lane	36	
MAHIA EAST COAST ROAD	31400	31500	23/02/2021	107	Right lane	41	
MAHIA EAST COAST ROAD	31500	31600	23/02/2021	110	Left lane	38	
MAHIA EAST COAST ROAD	31500	31600	23/02/2021	99	Right lane	41	
MAHIA EAST COAST ROAD	31600	31700	23/02/2021	111	Left lane	42	
MAHIA EAST COAST ROAD	31600	31700	23/02/2021	106	Right lane	40	
MAHIA EAST COAST ROAD	31700	31800	23/02/2021	101	Left lane	38	
MAHIA EAST COAST ROAD	31700	31800	23/02/2021	113	Right lane	38	
MAHIA EAST COAST ROAD	31800	31900	23/02/2021	104	Left lane	42	
MAHIA EAST COAST ROAD	31800	31900	23/02/2021	97	Right lane	39	
MAHIA EAST COAST ROAD	31900	32000	23/02/2021	88	Left lane	55	
MAHIA EAST COAST ROAD	31900	32000	23/02/2021	105	Right lane	42	
MAHIA EAST COAST ROAD	32000	32100	23/02/2021	80	Left lane	54	
MAHIA EAST COAST ROAD	32000	32100	23/02/2021	88	Right lane	37	
MAHIA EAST COAST ROAD	32100	32200	23/02/2021	84	Left lane	52	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	32100	32200	23/02/2021	103	Right lane	37
MAHIA EAST COAST ROAD	32200	32300	23/02/2021	92	Left lane	40
MAHIA EAST COAST ROAD	32200	32300	23/02/2021	104	Right lane	27
MAHIA HEIGHTS DRIVE	0	100	23/02/2021	81	Left lane	31
MAHIA HEIGHTS DRIVE	0	100	23/02/2021	78	Right lane	35
MAHIA HEIGHTS DRIVE	100	200	23/02/2021	101	Left lane	41
MAHIA HEIGHTS DRIVE	100	200	23/02/2021	81	Right lane	39
MAHIA HEIGHTS DRIVE	200	248	23/02/2021	158	Left lane	26
MAHIA HEIGHTS DRIVE	200	248	23/02/2021	135	Right lane	15
MANGAPOIKE ROAD	0	100	21/02/2021	93	Left lane	34
MANGAPOIKE ROAD	0	100	21/02/2021	93	Right lane	40
MANGAPOIKE ROAD	100	200	21/02/2021	58	Left lane	51
MANGAPOIKE ROAD	100	200	21/02/2021	62	Right lane	55
MANGAPOIKE ROAD	200	300	21/02/2021	79	Left lane	50
MANGAPOIKE ROAD	200	300	21/02/2021	95	Right lane	55
MANGAPOIKE ROAD	300	400	21/02/2021	45	Left lane	59
MANGAPOIKE ROAD	300	400	21/02/2021	55	Right lane	66
MANGAPOIKE ROAD	400	500	21/02/2021	56	Left lane	71
MANGAPOIKE ROAD	400	500	21/02/2021	65	Right lane	70
MANGAPOIKE ROAD	500	600	21/02/2021	70	Left lane	78
MANGAPOIKE ROAD	500	600	21/02/2021	74	Right lane	70
MANGAPOIKE ROAD	600	700	21/02/2021	44	Left lane	80
MANGAPOIKE ROAD	600	700	21/02/2021	48	Right lane	68
MANGAPOIKE ROAD	700	800	21/02/2021	80	Left lane	75
MANGAPOIKE ROAD	700	800	21/02/2021	75	Right lane	64
MANGAPOIKE ROAD	800	900	21/02/2021	72	Left lane	61
MANGAPOIKE ROAD	800	900	21/02/2021	70	Right lane	57
MANGAPOIKE ROAD	900	1000	21/02/2021	58	Left lane	64
MANGAPOIKE ROAD	900	1000	21/02/2021	62	Right lane	62
MANGAPOIKE ROAD	1000	1100	21/02/2021	79	Left lane	65
MANGAPOIKE ROAD	1000	1100	21/02/2021	98	Right lane	61
MANGAPOIKE ROAD	1100	1200	21/02/2021	81	Left lane	59
MANGAPOIKE ROAD	1100	1200	21/02/2021	82	Right lane	62
MANGAPOIKE ROAD	1200	1300	21/02/2021	139	Left lane	53
MANGAPOIKE ROAD	1200	1300	21/02/2021	96	Right lane	58
MANGAPOIKE ROAD	1300	1400	21/02/2021	92	Left lane	55
MANGAPOIKE ROAD	1300	1400	21/02/2021	106	Right lane	60
MANGAPOIKE ROAD	1400	1500	21/02/2021	96	Left lane	60
MANGAPOIKE ROAD	1400	1500	21/02/2021	122	Right lane	65

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MANGAPOIKE ROAD	1500	1600	21/02/2021	88	Left lane	58
MANGAPOIKE ROAD	1500	1600	21/02/2021	99	Right lane	65
MANGAPOIKE ROAD	1600	1700	21/02/2021	108	Left lane	61
MANGAPOIKE ROAD	1600	1700	21/02/2021	76	Right lane	71
MANGAPOIKE ROAD	1700	1800	21/02/2021	98	Left lane	59
MANGAPOIKE ROAD	1700	1800	21/02/2021	110	Right lane	70
MANGAPOIKE ROAD	1800	1900	21/02/2021	90	Left lane	58
MANGAPOIKE ROAD	1800	1900	21/02/2021	63	Right lane	69
MANGAPOIKE ROAD	1900	2000	21/02/2021	69	Left lane	62
MANGAPOIKE ROAD	1900	2000	21/02/2021	55	Right lane	71
MANGAPOIKE ROAD	2000	2100	21/02/2021	88	Left lane	58
MANGAPOIKE ROAD	2000	2100	21/02/2021	60	Right lane	62
MANGAPOIKE ROAD	2100	2200	21/02/2021	49	Left lane	60
MANGAPOIKE ROAD	2100	2200	21/02/2021	54	Right lane	66
MANGAPOIKE ROAD	2200	2300	21/02/2021	83	Left lane	60
MANGAPOIKE ROAD	2200	2300	21/02/2021	77	Right lane	63
MANGAPOIKE ROAD	2300	2400	21/02/2021	112	Left lane	59
MANGAPOIKE ROAD	2300	2400	21/02/2021	105	Right lane	63
MANGAPOIKE ROAD	2400	2500	21/02/2021	156	Left lane	62
MANGAPOIKE ROAD	2400	2500	21/02/2021	105	Right lane	66
MANGAPOIKE ROAD	2500	2600	21/02/2021	72	Left lane	54
MANGAPOIKE ROAD	2500	2600	21/02/2021	95	Right lane	57
MANGAPOIKE ROAD	2600	2700	21/02/2021	104	Left lane	55
MANGAPOIKE ROAD	2600	2700	21/02/2021	95	Right lane	63
MANGAPOIKE ROAD	2700	2800	21/02/2021	61	Left lane	56
MANGAPOIKE ROAD	2700	2800	21/02/2021	54	Right lane	63
MANGAPOIKE ROAD	2800	2900	21/02/2021	53	Left lane	59
MANGAPOIKE ROAD	2800	2900	21/02/2021	65	Right lane	67
MANGAPOIKE ROAD	2900	3000	21/02/2021	52	Left lane	64
MANGAPOIKE ROAD	2900	3000	21/02/2021	62	Right lane	69
MANGAPOIKE ROAD	3000	3100	21/02/2021	66	Left lane	66
MANGAPOIKE ROAD	3000	3100	21/02/2021	62	Right lane	66
MANGAPOIKE ROAD	3100	3200	21/02/2021	60	Left lane	63
MANGAPOIKE ROAD	3100	3200	21/02/2021	88	Right lane	58
MANGAPOIKE ROAD	3200	3300	21/02/2021	39	Left lane	56
MANGAPOIKE ROAD	3200	3300	21/02/2021	67	Right lane	64
MANGAPOIKE ROAD	3300	3400	21/02/2021	42	Left lane	63
MANGAPOIKE ROAD	3300	3400	21/02/2021	47	Right lane	64
MANGAPOIKE ROAD	3400	3500	21/02/2021	72	Left lane	59

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MANGAPOIKE ROAD	3400	3500	21/02/2021	117	Right lane	56
MANGAPOIKE ROAD	3500	3600	21/02/2021	70	Left lane	63
MANGAPOIKE ROAD	3500	3600	21/02/2021	74	Right lane	67
MANGAPOIKE ROAD	3600	3700	21/02/2021	86	Left lane	64
MANGAPOIKE ROAD	3600	3700	21/02/2021	75	Right lane	74
MANGAPOIKE ROAD	3700	3800	21/02/2021	64	Left lane	63
MANGAPOIKE ROAD	3700	3800	21/02/2021	80	Right lane	74
MANGAPOIKE ROAD	3800	3900	21/02/2021	98	Left lane	65
MANGAPOIKE ROAD	3800	3900	21/02/2021	85	Right lane	76
MANGAPOIKE ROAD	3900	4000	21/02/2021	52	Left lane	68
MANGAPOIKE ROAD	3900	4000	21/02/2021	60	Right lane	76
MANGAPOIKE ROAD	4000	4100	21/02/2021	46	Left lane	69
MANGAPOIKE ROAD	4000	4100	21/02/2021	51	Right lane	71
MANGAPOIKE ROAD	4100	4200	21/02/2021	92	Left lane	68
MANGAPOIKE ROAD	4100	4200	21/02/2021	98	Right lane	66
MANGAPOIKE ROAD	4200	4300	21/02/2021	103	Left lane	62
MANGAPOIKE ROAD	4200	4300	21/02/2021	192	Right lane	64
MANGAPOIKE ROAD	4300	4400	21/02/2021	138	Left lane	66
MANGAPOIKE ROAD	4300	4400	21/02/2021	89	Right lane	68
MANGAPOIKE ROAD	4400	4500	21/02/2021	88	Left lane	64
MANGAPOIKE ROAD	4400	4500	21/02/2021	89	Right lane	66
MANGAPOIKE ROAD	4500	4600	21/02/2021	80	Left lane	56
MANGAPOIKE ROAD	4500	4600	21/02/2021	105	Right lane	52
MANGAPOIKE ROAD	4600	4700	21/02/2021	152	Left lane	44
MANGAPOIKE ROAD	4600	4700	21/02/2021	124	Right lane	44
MANGAPOIKE ROAD	4700	4800	21/02/2021	92	Left lane	51
MANGAPOIKE ROAD	4700	4800	21/02/2021	138	Right lane	51
MANGAPOIKE ROAD	4800	4900	21/02/2021	141	Left lane	50
MANGAPOIKE ROAD	4800	4900	21/02/2021	120	Right lane	48
MANGAPOIKE ROAD	4900	5000	21/02/2021	55	Left lane	50
MANGAPOIKE ROAD	4900	5000	21/02/2021	62	Right lane	63
MANGAPOIKE ROAD	5000	5100	21/02/2021	68	Left lane	62
MANGAPOIKE ROAD	5000	5100	21/02/2021	43	Right lane	68
MANGAPOIKE ROAD	5100	5200	21/02/2021	72	Left lane	68
MANGAPOIKE ROAD	5100	5200	21/02/2021	62	Right lane	71
MANGAPOIKE ROAD	5200	5300	21/02/2021	69	Left lane	68
MANGAPOIKE ROAD	5200	5300	21/02/2021	72	Right lane	69
MANGAPOIKE ROAD	5300	5400	21/02/2021	83	Left lane	66
MANGAPOIKE ROAD	5300	5400	21/02/2021	41	Right lane	67

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MANGAPOIKE ROAD	5400	5500	21/02/2021	89	Left lane	58	BRIDGE Abutment end (Both)
MANGAPOIKE ROAD	5400	5500	21/02/2021	88	Right lane	64	
MANGAPOIKE ROAD	5500	5600	21/02/2021	112	Left lane	55	BRIDGE Abutment end (Both)
MANGAPOIKE ROAD	5500	5600	21/02/2021	94	Right lane	56	
MANGAPOIKE ROAD	5600	5700	21/02/2021	51	Left lane	63	
MANGAPOIKE ROAD	5600	5700	21/02/2021	45	Right lane	59	
MANGAPOIKE ROAD	5700	5800	21/02/2021	39	Left lane	68	
MANGAPOIKE ROAD	5700	5800	21/02/2021	43	Right lane	63	
MANGAPOIKE ROAD	5800	5900	21/02/2021	62	Left lane	72	
MANGAPOIKE ROAD	5800	5900	21/02/2021	70	Right lane	64	
MANGAPOIKE ROAD	5900	6000	21/02/2021	57	Left lane	70	
MANGAPOIKE ROAD	5900	6000	21/02/2021	57	Right lane	61	
MANGAPOIKE ROAD	6000	6100	21/02/2021	150	Left lane	47	
MANGAPOIKE ROAD	6000	6100	21/02/2021	102	Right lane	44	
MANGAPOIKE ROAD	6100	6200	21/02/2021	104	Left lane	43	
MANGAPOIKE ROAD	6100	6200	21/02/2021	120	Right lane	49	
MANGAPOIKE ROAD	6200	6300	21/02/2021	66	Left lane	50	
MANGAPOIKE ROAD	6200	6300	21/02/2021	126	Right lane	48	
MANGAPOIKE ROAD	6300	6400	21/02/2021	66	Left lane	53	
MANGAPOIKE ROAD	6300	6400	21/02/2021	90	Right lane	53	
MANGAPOIKE ROAD	6400	6500	21/02/2021	123	Left lane	48	
MANGAPOIKE ROAD	6400	6500	21/02/2021	122	Right lane	48	
MANGAPOIKE ROAD	6500	6600	21/02/2021	82	Left lane	51	
MANGAPOIKE ROAD	6500	6600	21/02/2021	89	Right lane	54	
MANGAPOIKE ROAD	6600	6700	21/02/2021	50	Left lane	52	
MANGAPOIKE ROAD	6600	6700	21/02/2021	72	Right lane	60	
MANGAPOIKE ROAD	6700	6800	21/02/2021	49	Left lane	60	
MANGAPOIKE ROAD	6700	6800	21/02/2021	65	Right lane	63	
MANGAPOIKE ROAD	6800	6900	21/02/2021	52	Left lane	65	
MANGAPOIKE ROAD	6800	6900	21/02/2021	62	Right lane	66	
MANGAPOIKE ROAD	6900	7000	21/02/2021	45	Left lane	68	
MANGAPOIKE ROAD	6900	7000	21/02/2021	66	Right lane	68	
MANGAPOIKE ROAD	7000	7100	21/02/2021	45	Left lane	67	
MANGAPOIKE ROAD	7000	7100	21/02/2021	77	Right lane	67	
MANGAPOIKE ROAD	7100	7200	21/02/2021	55	Left lane	61	
MANGAPOIKE ROAD	7100	7200	21/02/2021	75	Right lane	61	
MANGAPOIKE ROAD	7200	7300	21/02/2021	107	Left lane	51	BRIDGE Abutment end (Both)
MANGAPOIKE ROAD	7200	7300	21/02/2021	106	Right lane	55	
MANGAPOIKE ROAD	7300	7400	21/02/2021	102	Left lane	56	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MANGAPOIKE ROAD	7300	7400	21/02/2021	90	Right lane	59	
MANGAPOIKE ROAD	7400	7500	21/02/2021	60	Left lane	59	
MANGAPOIKE ROAD	7400	7500	21/02/2021	50	Right lane	58	
MANGAPOIKE ROAD	7500	7600	21/02/2021	44	Left lane	58	
MANGAPOIKE ROAD	7500	7600	21/02/2021	40	Right lane	64	
MANGAPOIKE ROAD	7600	7700	21/02/2021	31	Left lane	67	
MANGAPOIKE ROAD	7600	7700	21/02/2021	30	Right lane	71	
MANGAPOIKE ROAD	7700	7800	21/02/2021	58	Left lane	68	
MANGAPOIKE ROAD	7700	7800	21/02/2021	50	Right lane	65	
MANGAPOIKE ROAD	7800	7900	21/02/2021	58	Left lane	57	
MANGAPOIKE ROAD	7800	7900	21/02/2021	62	Right lane	57	
MANGAPOIKE ROAD	7900	8000	21/02/2021	181	Left lane	52	BRIDGE Abutment enc (Both)
MANGAPOIKE ROAD	7900	8000	21/02/2021	214	Right lane	60	
MANGAPOIKE ROAD	8000	8100	21/02/2021	63	Left lane	50	
MANGAPOIKE ROAD	8000	8100	21/02/2021	51	Right lane	55	
MANGAPOIKE ROAD	8100	8144	21/02/2021	69	Left lane	34	
MANGAPOIKE ROAD	8100	8144	21/02/2021	68	Right lane	32	
MANGAPOIKE ROAD	9700	9800	21/02/2021	147	Left lane	31	
MANGAPOIKE ROAD	9700	9800	21/02/2021	148	Right lane	43	
MANGAPOIKE ROAD	9800	9900	21/02/2021	84	Left lane	43	
MANGAPOIKE ROAD	9800	9900	21/02/2021	75	Right lane	50	
MANGAPOIKE ROAD	9900	9953	21/02/2021	100	Left lane	41	
MANGAPOIKE ROAD	9900	9953	21/02/2021	96	Right lane	36	
MANGAPOIKE ROAD	10700	10800	21/02/2021	149	Left lane	33	BRIDGE Abutment enc (Both)
MANGAPOIKE ROAD	10700	10800	21/02/2021	153	Right lane	34	
MANGAPOIKE ROAD	10800	10855	21/02/2021	149	Left lane	34	BRIDGE Abutment enc (Both)
MANGAPOIKE ROAD	10800	10855	21/02/2021	130	Right lane	26	
MANGAPOIKE ROAD	12900	13000	21/02/2021	95	Left lane	28	
MANGAPOIKE ROAD	12900	13000	21/02/2021	145	Right lane	26	
MANGAPOIKE ROAD	13000	13100	21/02/2021	144	Left lane	35	
MANGAPOIKE ROAD	13000	13100	21/02/2021	153	Right lane	35	
MANGAPOIKE ROAD	13100	13200	21/02/2021	92	Left lane	44	
MANGAPOIKE ROAD	13100	13200	21/02/2021	136	Right lane	47	
MANGAPOIKE ROAD	13200	13300	21/02/2021	147	Left lane	39	
MANGAPOIKE ROAD	13200	13300	21/02/2021	150	Right lane	44	
MANGAPOIKE ROAD	13300	13400	21/02/2021	132	Left lane	47	
MANGAPOIKE ROAD	13300	13400	21/02/2021	169	Right lane	53	
MANGAPOIKE ROAD	13400	13500	21/02/2021	141	Left lane	51	
MANGAPOIKE ROAD	13400	13500	21/02/2021	154	Right lane	57	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MANGAPOIKE ROAD	13500	13600	21/02/2021	104	Left lane	51	
MANGAPOIKE ROAD	13500	13600	21/02/2021	108	Right lane	56	
MANGAPOIKE ROAD	13600	13700	21/02/2021	104	Left lane	47	
MANGAPOIKE ROAD	13600	13700	21/02/2021	93	Right lane	50	
MANGAPOIKE ROAD	13700	13800	21/02/2021	155	Left lane	31	BRIDGE Abutment enc (Both)
MANGAPOIKE ROAD	13700	13800	21/02/2021	158	Right lane	36	
MANGAPOIKE ROAD	13800	13900	21/02/2021	108	Left lane	40	
MANGAPOIKE ROAD	13800	13900	21/02/2021	123	Right lane	42	
MANGAPOIKE ROAD	13900	14000	21/02/2021	86	Left lane	39	
MANGAPOIKE ROAD	13900	14000	21/02/2021	85	Right lane	41	
MANGAPOIKE ROAD	14000	14100	21/02/2021	130	Left lane	28	
MANGAPOIKE ROAD	14000	14100	21/02/2021	138	Right lane	30	
MANGAPOIKE ROAD	14100	14138	21/02/2021	118	Left lane	31	
MANGAPOIKE ROAD	14100	14138	21/02/2021	116	Right lane	27	
MANGAPOIKE ROAD	15500	15600	21/02/2021	185	Left lane	27	BRIDGE Abutment enc (Both)
MANGAPOIKE ROAD	15500	15600	21/02/2021	154	Right lane	28	
MANGAPOIKE ROAD	15600	15649	21/02/2021	149	Left lane	26	BRIDGE Abutment enc (Both)
MANGAPOIKE ROAD	15600	15649	21/02/2021	114	Right lane	24	
MANGAWHIO DRIVE	0	100	23/02/2021	143	Left lane	31	
MANGAWHIO DRIVE	0	100	23/02/2021	117	Right lane	34	
MANGAWHIO DRIVE	100	172	23/02/2021	130	Left lane	27	
MANGAWHIO DRIVE	100	172	23/02/2021	97	Right lane	24	
MANSFIELD AVENUE	0	100	23/02/2021	78	Left lane	32	
MANSFIELD AVENUE	0	100	23/02/2021	73	Right lane	33	
MANSFIELD AVENUE	100	200	23/02/2021	93	Left lane	41	
MANSFIELD AVENUE	100	200	23/02/2021	74	Right lane	40	
MANSFIELD AVENUE	200	300	23/02/2021	94	Left lane	35	
MANSFIELD AVENUE	200	300	23/02/2021	93	Right lane	37	
MANSFIELD AVENUE	300	338	23/02/2021	62	Left lane	32	
MANSFIELD AVENUE	300	338	23/02/2021	86	Right lane	31	
MARINE PARADE	0	100	23/02/2021	115	Left lane	35	
MARINE PARADE	0	100	23/02/2021	118	Right lane	43	
MARINE PARADE	100	200	23/02/2021	128	Left lane	42	
MARINE PARADE	100	200	23/02/2021	119	Right lane	49	
MARINE PARADE	200	300	23/02/2021	123	Left lane	40	
MARINE PARADE	200	300	23/02/2021	143	Right lane	47	
MARINE PARADE	300	400	23/02/2021	107	Left lane	44	
MARINE PARADE	300	400	23/02/2021	107	Right lane	46	
MARINE PARADE	400	500	23/02/2021	117	Left lane	45	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MARINE PARADE	400	500	23/02/2021	114	Right lane	46	
MARINE PARADE	500	600	23/02/2021	117	Left lane	47	
MARINE PARADE	500	600	23/02/2021	103	Right lane	45	
MARINE PARADE	600	700	23/02/2021	101	Left lane	48	
MARINE PARADE	600	700	23/02/2021	114	Right lane	43	
MARINE PARADE	700	800	23/02/2021	109	Left lane	44	PAVEMENT Surfacing begins
MARINE PARADE	700	800	23/02/2021	132	Right lane	35	
MARINE PARADE	800	900	23/02/2021	121	Left lane	34	
MARINE PARADE	800	900	23/02/2021	105	Right lane	39	
MARINE PARADE	900	1000	23/02/2021	120	Left lane	38	
MARINE PARADE	900	1000	23/02/2021	105	Right lane	33	
MARINE PARADE	1000	1100	23/02/2021	145	Left lane	30	Speed humps
MARINE PARADE	1000	1100	23/02/2021	128	Right lane	33	
MARINE PARADE	1100	1200	23/02/2021	150	Left lane	33	PAVEMENT Surfacing begins
MARINE PARADE	1100	1200	23/02/2021	142	Right lane	29	
MARINE PARADE	1200	1300	23/02/2021	113	Left lane	28	Raised zebra crossing
MARINE PARADE	1200	1300	23/02/2021	121	Right lane	31	
MARINE PARADE	1300	1400	23/02/2021	92	Left lane	29	
MARINE PARADE	1300	1400	23/02/2021	89	Right lane	27	
MARINE PARADE	1400	1500	23/02/2021	157	Left lane	28	Raised zebra crossing
MARINE PARADE	1400	1500	23/02/2021	148	Right lane	30	
MARINE PARADE	1500	1600	23/02/2021	119	Left lane	29	Raised zebra crossing
MARINE PARADE	1500	1600	23/02/2021	131	Right lane	29	
MARINE PARADE	1600	1700	23/02/2021	123	Left lane	34	
MARINE PARADE	1600	1700	23/02/2021	126	Right lane	36	
MARINE PARADE	1700	1800	23/02/2021	76	Left lane	37	
MARINE PARADE	1700	1800	23/02/2021	73	Right lane	37	
MARINE PARADE	1800	1839	23/02/2021	104	Left lane	31	
MARINE PARADE	1800	1839	23/02/2021	101	Right lane	29	
MARINE PARADE (WESTPAC)	0	100	23/02/2021	236	Left lane	22	Raised zebra crossing
MARINE PARADE (WESTPAC)	0	100	23/02/2021	236	Right lane	22	Raised zebra crossing
MARINE PARADE (WESTPAC)	100	114	23/02/2021	191	Left lane	23	
MARINE PARADE (WESTPAC)	100	114	23/02/2021	191	Right lane	23	
MARINE PARADE CLUB	0	100	23/02/2021	226	Left lane	20	Raised zebra crossing
MARINE PARADE CLUB	0	100	23/02/2021	226	Right lane	20	Raised zebra crossing
MARINE PARADE CLUB	100	119	23/02/2021	131	Left lane	20	
MARINE PARADE CLUB	100	119	23/02/2021	131	Right lane	20	
MARU PLACE	0	30	25/02/2021	96	Left lane	30	Post-Survey Added val
MARU PLACE	0	30	25/02/2021	96	Right lane	30	Post-Survey Added val

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MATAIRA STREET	0	100	22/02/2021	99	Left lane	37
MATAIRA STREET	0	100	22/02/2021	73	Right lane	45
MATAIRA STREET	100	200	22/02/2021	64	Left lane	43
MATAIRA STREET	100	200	22/02/2021	128	Right lane	37
MATAIRA STREET	200	300	22/02/2021	154	Left lane	36
MATAIRA STREET	200	300	22/02/2021	73	Right lane	45
MATAIRA STREET	300	364	22/02/2021	104	Left lane	34
MATAIRA STREET	300	364	22/02/2021	76	Right lane	32
MAUNGATIAKI ROAD	700	800	23/02/2021	114	Left lane	37
MAUNGATIAKI ROAD	700	800	23/02/2021	105	Right lane	47
MAUNGATIAKI ROAD	800	900	23/02/2021	76	Left lane	47
MAUNGATIAKI ROAD	800	900	23/02/2021	72	Right lane	59
MAUNGATIAKI ROAD	900	1000	23/02/2021	77	Left lane	55
MAUNGATIAKI ROAD	900	1000	23/02/2021	88	Right lane	56
MAUNGATIAKI ROAD	1000	1100	23/02/2021	66	Left lane	55
MAUNGATIAKI ROAD	1000	1100	23/02/2021	68	Right lane	50
MAUNGATIAKI ROAD	1100	1151	23/02/2021	89	Left lane	43
MAUNGATIAKI ROAD	1100	1151	23/02/2021	111	Right lane	33
MAUNGATIAKI ROAD	1300	1400	23/02/2021	96	Left lane	32
MAUNGATIAKI ROAD	1300	1400	23/02/2021	110	Right lane	37
MAUNGATIAKI ROAD	1400	1500	23/02/2021	98	Left lane	40
MAUNGATIAKI ROAD	1400	1500	23/02/2021	102	Right lane	44
MAUNGATIAKI ROAD	1500	1600	23/02/2021	91	Left lane	50
MAUNGATIAKI ROAD	1500	1600	23/02/2021	90	Right lane	50
MAUNGATIAKI ROAD	1600	1676	23/02/2021	97	Left lane	39
MAUNGATIAKI ROAD	1600	1676	23/02/2021	90	Right lane	28
MCLEAN STREET	0	100	24/02/2021	87	Left lane	37
MCLEAN STREET	0	100	24/02/2021	110	Right lane	39
MCLEAN STREET	100	200	24/02/2021	66	Left lane	49
MCLEAN STREET	100	200	24/02/2021	68	Right lane	48
MCLEAN STREET	200	300	24/02/2021	73	Left lane	50
MCLEAN STREET	200	300	24/02/2021	61	Right lane	52
MCLEAN STREET	300	400	24/02/2021	74	Left lane	51
MCLEAN STREET	300	400	24/02/2021	77	Right lane	50
MCLEAN STREET	400	500	24/02/2021	146	Left lane	50
MCLEAN STREET	400	500	24/02/2021	115	Right lane	48
MCLEAN STREET	500	600	24/02/2021	102	Left lane	51
MCLEAN STREET	500	600	24/02/2021	90	Right lane	46
MCLEAN STREET	600	700	24/02/2021	109	Left lane	48

Project Number 2-Y1300 DM VT121
 Wairoa District Council
 2020 Rfoughness Report

MCLEAN STREET	600	700	24/02/2021	128	Right lane	41
MCLEAN STREET	700	800	24/02/2021	101	Left lane	49
MCLEAN STREET	700	800	24/02/2021	78	Right lane	51
MCLEAN STREET	800	900	24/02/2021	95	Left lane	46
MCLEAN STREET	800	900	24/02/2021	100	Right lane	48
MCLEAN STREET	900	1000	24/02/2021	86	Left lane	41
MCLEAN STREET	900	1000	24/02/2021	68	Right lane	47
MCLEAN STREET	1000	1100	24/02/2021	107	Left lane	44
MCLEAN STREET	1000	1100	24/02/2021	118	Right lane	48
MCLEAN STREET	1100	1200	24/02/2021	101	Left lane	45
MCLEAN STREET	1100	1200	24/02/2021	109	Right lane	48
MCLEAN STREET	1200	1300	24/02/2021	79	Left lane	49
MCLEAN STREET	1200	1300	24/02/2021	101	Right lane	47
MCLEAN STREET	1300	1400	24/02/2021	99	Left lane	48
MCLEAN STREET	1300	1400	24/02/2021	80	Right lane	44
MCLEAN STREET	1400	1500	24/02/2021	204	Left lane	46
MCLEAN STREET	1400	1500	24/02/2021	139	Right lane	44
MCLEAN STREET	1500	1600	24/02/2021	97	Left lane	44
MCLEAN STREET	1500	1600	24/02/2021	148	Right lane	45
MCLEAN STREET	1600	1700	24/02/2021	104	Left lane	48
MCLEAN STREET	1600	1700	24/02/2021	118	Right lane	41
MCLEAN STREET	1700	1800	24/02/2021	91	Left lane	47
MCLEAN STREET	1700	1800	24/02/2021	124	Right lane	43
MCLEAN STREET	1800	1850	24/02/2021	142	Left lane	28
MCLEAN STREET	1800	1850	24/02/2021	141	Right lane	27
MITCHELL ROAD	0	100	21/02/2021	75	Left lane	35
MITCHELL ROAD	0	100	21/02/2021	71	Right lane	40
MITCHELL ROAD	100	200	21/02/2021	51	Left lane	48
MITCHELL ROAD	100	200	21/02/2021	64	Right lane	42
MITCHELL ROAD	200	300	21/02/2021	63	Left lane	48
MITCHELL ROAD	200	300	21/02/2021	76	Right lane	44
MITCHELL ROAD	300	400	21/02/2021	113	Left lane	48
MITCHELL ROAD	300	400	21/02/2021	123	Right lane	46
MITCHELL ROAD	400	500	21/02/2021	89	Left lane	46
MITCHELL ROAD	400	500	21/02/2021	79	Right lane	44
MITCHELL ROAD	500	600	21/02/2021	126	Left lane	45
MITCHELL ROAD	500	600	21/02/2021	131	Right lane	41
MITCHELL ROAD	600	700	21/02/2021	86	Left lane	42
MITCHELL ROAD	600	700	21/02/2021	82	Right lane	41

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MITCHELL ROAD	700	800	21/02/2021	130	Left lane	33	
MITCHELL ROAD	700	800	21/02/2021	100	Right lane	35	
MITCHELL ROAD	800	852	21/02/2021	127	Left lane	28	
MITCHELL ROAD	800	852	21/02/2021	155	Right lane	25	
MOANA DRIVE	0	100	23/02/2021	124	Left lane	38	
MOANA DRIVE	0	100	23/02/2021	93	Right lane	40	
MOANA DRIVE	100	200	23/02/2021	108	Left lane	53	
MOANA DRIVE	100	200	23/02/2021	102	Right lane	52	
MOANA DRIVE	200	300	23/02/2021	102	Left lane	53	
MOANA DRIVE	200	300	23/02/2021	83	Right lane	54	
MOANA DRIVE	300	400	23/02/2021	66	Left lane	53	
MOANA DRIVE	300	400	23/02/2021	81	Right lane	52	
MOANA DRIVE	400	500	23/02/2021	77	Left lane	54	
MOANA DRIVE	400	500	23/02/2021	93	Right lane	52	
MOANA DRIVE	500	600	23/02/2021	81	Left lane	52	
MOANA DRIVE	500	600	23/02/2021	97	Right lane	52	
MOANA DRIVE	600	700	23/02/2021	84	Left lane	53	
MOANA DRIVE	600	700	23/02/2021	84	Right lane	49	
MOANA DRIVE	700	800	23/02/2021	57	Left lane	52	
MOANA DRIVE	700	800	23/02/2021	79	Right lane	44	
MOANA DRIVE	800	900	23/02/2021	131	Left lane	46	
MOANA DRIVE	800	900	23/02/2021	136	Right lane	37	
MOANA DRIVE	900	1000	23/02/2021	133	Left lane	41	
MOANA DRIVE	900	1000	23/02/2021	118	Right lane	39	
MOANA DRIVE	1000	1034	23/02/2021	208	Left lane	28	
MOANA DRIVE	1000	1034	23/02/2021	143	Right lane	25	
MOHAKA COACH ROAD	17700	17800	20/02/2021	146	Left lane	17	
MOHAKA COACH ROAD	17700	17800	20/02/2021	110	Right lane	36	
MOHAKA COACH ROAD	17800	17900	20/02/2021	160	Left lane	31	
MOHAKA COACH ROAD	17800	17900	20/02/2021	163	Right lane	34	BRIDGE Abutment end (Both)
MOHAKA COACH ROAD	17900	17908	20/02/2021	115	Left lane	29	
MOHAKA COACH ROAD	17900	17907	20/02/2021	91	Right lane	23	
MOHAKA COACH ROAD	18300	18400	20/02/2021	168	Left lane	28	
MOHAKA COACH ROAD	18300	18400	20/02/2021	128	Right lane	23	
MOHAKA COACH ROAD	18400	18500	20/02/2021	177	Left lane	26	
MOHAKA COACH ROAD	18400	18500	20/02/2021	182	Right lane	25	BRIDGE Abutment end (Both)
MOHAKA COACH ROAD	18500	18600	20/02/2021	151	Left lane	38	
MOHAKA COACH ROAD	18500	18600	20/02/2021	159	Right lane	42	
MOHAKA COACH ROAD	18600	18700	20/02/2021	212	Left lane	34	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MOHAKA COACH ROAD	18600	18700	20/02/2021	202	Right lane	32	BRIDGE Abutment enc (Both)
MOHAKA COACH ROAD	18700	18800	20/02/2021	107	Left lane	39	
MOHAKA COACH ROAD	18700	18800	20/02/2021	117	Right lane	36	
MOHAKA COACH ROAD	18800	18900	20/02/2021	105	Left lane	44	
MOHAKA COACH ROAD	18800	18900	20/02/2021	100	Right lane	39	
MOHAKA COACH ROAD	18900	19000	20/02/2021	99	Left lane	34	
MOHAKA COACH ROAD	18900	19000	20/02/2021	105	Right lane	36	
MOHAKA COACH ROAD	19000	19100	20/02/2021	100	Left lane	45	
MOHAKA COACH ROAD	19000	19100	20/02/2021	75	Right lane	44	
MOHAKA COACH ROAD	19100	19200	20/02/2021	136	Left lane	36	
MOHAKA COACH ROAD	19100	19200	20/02/2021	128	Right lane	38	
MOHAKA COACH ROAD	19200	19300	20/02/2021	155	Left lane	39	
MOHAKA COACH ROAD	19200	19300	20/02/2021	155	Right lane	35	
MOHAKA COACH ROAD	19300	19400	20/02/2021	98	Left lane	38	
MOHAKA COACH ROAD	19300	19400	20/02/2021	99	Right lane	40	
MOHAKA COACH ROAD	19400	19500	20/02/2021	91	Left lane	38	
MOHAKA COACH ROAD	19400	19500	20/02/2021	88	Right lane	34	
MOHAKA COACH ROAD	19500	19600	20/02/2021	75	Left lane	43	
MOHAKA COACH ROAD	19500	19600	20/02/2021	82	Right lane	45	
MOHAKA COACH ROAD	19600	19700	20/02/2021	87	Left lane	48	
MOHAKA COACH ROAD	19600	19700	20/02/2021	95	Right lane	44	
MOHAKA COACH ROAD	19700	19800	20/02/2021	98	Left lane	49	
MOHAKA COACH ROAD	19700	19800	20/02/2021	85	Right lane	45	
MOHAKA COACH ROAD	19800	19900	20/02/2021	65	Left lane	46	
MOHAKA COACH ROAD	19800	19900	20/02/2021	59	Right lane	39	
MOHAKA COACH ROAD	19900	19915	20/02/2021	120	Left lane	43	
MOHAKA COACH ROAD	19900	19915	20/02/2021	107	Right lane	18	
MOHAKA COAST ROAD	0	100	20/02/2021	173	Left lane	26	
MOHAKA COAST ROAD	0	100	20/02/2021	172	Right lane	25	
MOHAKA COAST ROAD	100	178	20/02/2021	122	Left lane	26	
MOHAKA COAST ROAD	100	178	20/02/2021	112	Right lane	23	
MOHAKA TOWNSHIP ROAD	0	100	20/02/2021	123	Left lane	40	
MOHAKA TOWNSHIP ROAD	0	100	20/02/2021	78	Right lane	46	
MOHAKA TOWNSHIP ROAD	100	200	20/02/2021	60	Left lane	57	
MOHAKA TOWNSHIP ROAD	100	200	20/02/2021	55	Right lane	58	
MOHAKA TOWNSHIP ROAD	200	300	20/02/2021	62	Left lane	56	
MOHAKA TOWNSHIP ROAD	200	300	20/02/2021	55	Right lane	62	
MOHAKA TOWNSHIP ROAD	300	400	20/02/2021	71	Left lane	61	
MOHAKA TOWNSHIP ROAD	300	400	20/02/2021	64	Right lane	71	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MOHAKA TOWNSHIP ROAD	400	500	20/02/2021	63	Left lane	72
MOHAKA TOWNSHIP ROAD	400	500	20/02/2021	61	Right lane	72
MOHAKA TOWNSHIP ROAD	500	600	20/02/2021	75	Left lane	81
MOHAKA TOWNSHIP ROAD	500	600	20/02/2021	73	Right lane	69
MOHAKA TOWNSHIP ROAD	600	700	20/02/2021	71	Left lane	86
MOHAKA TOWNSHIP ROAD	600	700	20/02/2021	54	Right lane	62
MOHAKA TOWNSHIP ROAD	700	800	20/02/2021	76	Left lane	82
MOHAKA TOWNSHIP ROAD	700	800	20/02/2021	83	Right lane	56
MOHAKA TOWNSHIP ROAD	800	900	20/02/2021	84	Left lane	60
MOHAKA TOWNSHIP ROAD	800	900	20/02/2021	69	Right lane	49
MOHAKA TOWNSHIP ROAD	900	1000	20/02/2021	64	Left lane	61
MOHAKA TOWNSHIP ROAD	900	1000	20/02/2021	63	Right lane	55
MOHAKA TOWNSHIP ROAD	1000	1100	20/02/2021	105	Left lane	59
MOHAKA TOWNSHIP ROAD	1000	1100	20/02/2021	106	Right lane	51
MOHAKA TOWNSHIP ROAD	1100	1200	20/02/2021	133	Left lane	54
MOHAKA TOWNSHIP ROAD	1100	1200	20/02/2021	79	Right lane	51
MOHAKA TOWNSHIP ROAD	1200	1300	20/02/2021	106	Left lane	60
MOHAKA TOWNSHIP ROAD	1200	1300	20/02/2021	74	Right lane	56
MOHAKA TOWNSHIP ROAD	1300	1400	20/02/2021	62	Left lane	64
MOHAKA TOWNSHIP ROAD	1300	1400	20/02/2021	75	Right lane	53
MOHAKA TOWNSHIP ROAD	1400	1500	20/02/2021	108	Left lane	52
MOHAKA TOWNSHIP ROAD	1400	1500	20/02/2021	159	Right lane	48
MOHAKA TOWNSHIP ROAD	1500	1600	20/02/2021	104	Left lane	55
MOHAKA TOWNSHIP ROAD	1500	1600	20/02/2021	113	Right lane	53
MOHAKA TOWNSHIP ROAD	1600	1700	20/02/2021	111	Left lane	49
MOHAKA TOWNSHIP ROAD	1600	1700	20/02/2021	107	Right lane	51
MOHAKA TOWNSHIP ROAD	1700	1800	20/02/2021	74	Left lane	53
MOHAKA TOWNSHIP ROAD	1700	1800	20/02/2021	101	Right lane	46
MOHAKA TOWNSHIP ROAD	1800	1900	20/02/2021	103	Left lane	48
MOHAKA TOWNSHIP ROAD	1800	1900	20/02/2021	88	Right lane	49
MOHAKA TOWNSHIP ROAD	1900	2000	20/02/2021	81	Left lane	54
MOHAKA TOWNSHIP ROAD	1900	2000	20/02/2021	85	Right lane	63
MOHAKA TOWNSHIP ROAD	2000	2100	20/02/2021	81	Left lane	63
MOHAKA TOWNSHIP ROAD	2000	2100	20/02/2021	71	Right lane	67
MOHAKA TOWNSHIP ROAD	2100	2200	20/02/2021	68	Left lane	75
MOHAKA TOWNSHIP ROAD	2100	2200	20/02/2021	66	Right lane	64
MOHAKA TOWNSHIP ROAD	2200	2300	20/02/2021	98	Left lane	82
MOHAKA TOWNSHIP ROAD	2200	2300	20/02/2021	96	Right lane	60
MOHAKA TOWNSHIP ROAD	2300	2400	20/02/2021	100	Left lane	69

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MOHAKA TOWNSHIP ROAD	2300	2400	20/02/2021	61	Right lane	50
MOHAKA TOWNSHIP ROAD	2400	2500	20/02/2021	110	Left lane	55
MOHAKA TOWNSHIP ROAD	2400	2500	20/02/2021	110	Right lane	52
MOHAKA TOWNSHIP ROAD	2500	2600	20/02/2021	86	Left lane	59
MOHAKA TOWNSHIP ROAD	2500	2600	20/02/2021	117	Right lane	52
MOHAKA TOWNSHIP ROAD	2600	2700	20/02/2021	109	Left lane	47
MOHAKA TOWNSHIP ROAD	2600	2700	20/02/2021	128	Right lane	45
MOHAKA TOWNSHIP ROAD	2700	2800	20/02/2021	97	Left lane	50
MOHAKA TOWNSHIP ROAD	2700	2800	20/02/2021	102	Right lane	52
MOHAKA TOWNSHIP ROAD	2800	2900	20/02/2021	93	Left lane	45
MOHAKA TOWNSHIP ROAD	2800	2900	20/02/2021	105	Right lane	44
MOHAKA TOWNSHIP ROAD	2900	3000	20/02/2021	96	Left lane	46
MOHAKA TOWNSHIP ROAD	2900	3000	20/02/2021	101	Right lane	57
MOHAKA TOWNSHIP ROAD	3000	3100	20/02/2021	70	Left lane	52
MOHAKA TOWNSHIP ROAD	3000	3100	20/02/2021	106	Right lane	59
MOHAKA TOWNSHIP ROAD	3100	3200	20/02/2021	71	Left lane	57
MOHAKA TOWNSHIP ROAD	3100	3200	20/02/2021	118	Right lane	58
MOHAKA TOWNSHIP ROAD	3200	3300	20/02/2021	122	Left lane	55
MOHAKA TOWNSHIP ROAD	3200	3300	20/02/2021	112	Right lane	50
MOHAKA TOWNSHIP ROAD	3300	3400	20/02/2021	109	Left lane	56
MOHAKA TOWNSHIP ROAD	3300	3400	20/02/2021	160	Right lane	51
MOHAKA TOWNSHIP ROAD	3400	3500	20/02/2021	167	Left lane	63
MOHAKA TOWNSHIP ROAD	3400	3500	20/02/2021	103	Right lane	51
MOHAKA TOWNSHIP ROAD	3500	3600	20/02/2021	119	Left lane	64
MOHAKA TOWNSHIP ROAD	3500	3600	20/02/2021	107	Right lane	47
MOHAKA TOWNSHIP ROAD	3600	3700	20/02/2021	127	Left lane	52
MOHAKA TOWNSHIP ROAD	3600	3700	20/02/2021	163	Right lane	37
MOHAKA TOWNSHIP ROAD	3700	3800	20/02/2021	115	Left lane	41
MOHAKA TOWNSHIP ROAD	3700	3800	20/02/2021	97	Right lane	44
MOHAKA TOWNSHIP ROAD	3800	3900	20/02/2021	100	Left lane	45
MOHAKA TOWNSHIP ROAD	3800	3900	20/02/2021	95	Right lane	44
MOHAKA TOWNSHIP ROAD	3900	4000	20/02/2021	119	Left lane	51
MOHAKA TOWNSHIP ROAD	3900	4000	20/02/2021	89	Right lane	52
MOHAKA TOWNSHIP ROAD	4000	4100	20/02/2021	102	Left lane	44
MOHAKA TOWNSHIP ROAD	4000	4100	20/02/2021	139	Right lane	44
MOHAKA TOWNSHIP ROAD	4100	4200	20/02/2021	78	Left lane	54
MOHAKA TOWNSHIP ROAD	4100	4200	20/02/2021	83	Right lane	57
MOHAKA TOWNSHIP ROAD	4200	4300	20/02/2021	85	Left lane	71
MOHAKA TOWNSHIP ROAD	4200	4300	20/02/2021	56	Right lane	72

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MOHAKA TOWNSHIP ROAD	4300	4400	20/02/2021	77	Left lane	75
MOHAKA TOWNSHIP ROAD	4300	4400	20/02/2021	66	Right lane	73
MOHAKA TOWNSHIP ROAD	4400	4500	20/02/2021	102	Left lane	75
MOHAKA TOWNSHIP ROAD	4400	4500	20/02/2021	55	Right lane	71
MOHAKA TOWNSHIP ROAD	4500	4600	20/02/2021	73	Left lane	71
MOHAKA TOWNSHIP ROAD	4500	4600	20/02/2021	69	Right lane	71
MOHAKA TOWNSHIP ROAD	4600	4700	20/02/2021	98	Left lane	67
MOHAKA TOWNSHIP ROAD	4600	4700	20/02/2021	84	Right lane	64
MOHAKA TOWNSHIP ROAD	4700	4800	20/02/2021	94	Left lane	65
MOHAKA TOWNSHIP ROAD	4700	4800	20/02/2021	69	Right lane	65
MOHAKA TOWNSHIP ROAD	4800	4900	20/02/2021	118	Left lane	67
MOHAKA TOWNSHIP ROAD	4800	4900	20/02/2021	113	Right lane	65
MOHAKA TOWNSHIP ROAD	4900	5000	20/02/2021	77	Left lane	64
MOHAKA TOWNSHIP ROAD	4900	5000	20/02/2021	58	Right lane	62
MOHAKA TOWNSHIP ROAD	5000	5100	20/02/2021	70	Left lane	66
MOHAKA TOWNSHIP ROAD	5000	5100	20/02/2021	52	Right lane	53
MOHAKA TOWNSHIP ROAD	5100	5200	20/02/2021	124	Left lane	49
MOHAKA TOWNSHIP ROAD	5100	5200	20/02/2021	138	Right lane	38
MOHAKA TOWNSHIP ROAD	5200	5300	20/02/2021	152	Left lane	50
MOHAKA TOWNSHIP ROAD	5200	5300	20/02/2021	101	Right lane	50
MOHAKA TOWNSHIP ROAD	5300	5400	20/02/2021	125	Left lane	52
MOHAKA TOWNSHIP ROAD	5300	5400	20/02/2021	126	Right lane	50
MOHAKA TOWNSHIP ROAD	5400	5500	20/02/2021	136	Left lane	49
MOHAKA TOWNSHIP ROAD	5400	5500	20/02/2021	138	Right lane	49
MOHAKA TOWNSHIP ROAD	5500	5600	20/02/2021	103	Left lane	31
MOHAKA TOWNSHIP ROAD	5500	5600	20/02/2021	115	Right lane	29
MOHAKA TOWNSHIP ROAD	5600	5700	20/02/2021	111	Left lane	46
MOHAKA TOWNSHIP ROAD	5600	5700	20/02/2021	97	Right lane	48
MOHAKA TOWNSHIP ROAD	5700	5800	20/02/2021	104	Left lane	51
MOHAKA TOWNSHIP ROAD	5700	5800	20/02/2021	100	Right lane	51
MOHAKA TOWNSHIP ROAD	5800	5900	20/02/2021	91	Left lane	50
MOHAKA TOWNSHIP ROAD	5800	5900	20/02/2021	62	Right lane	46
MOHAKA TOWNSHIP ROAD	5900	6000	20/02/2021	112	Left lane	52
MOHAKA TOWNSHIP ROAD	5900	6000	20/02/2021	77	Right lane	59
MOHAKA TOWNSHIP ROAD	6000	6100	20/02/2021	94	Left lane	55
MOHAKA TOWNSHIP ROAD	6000	6100	20/02/2021	46	Right lane	54
MOHAKA TOWNSHIP ROAD	6100	6200	20/02/2021	81	Left lane	58
MOHAKA TOWNSHIP ROAD	6100	6200	20/02/2021	56	Right lane	53
MOHAKA TOWNSHIP ROAD	6200	6300	20/02/2021	112	Left lane	61

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MOHAKA TOWNSHIP ROAD	6200	6300	20/02/2021	94	Right lane	54
MOHAKA TOWNSHIP ROAD	6300	6400	20/02/2021	142	Left lane	51
MOHAKA TOWNSHIP ROAD	6300	6400	20/02/2021	62	Right lane	49
MOHAKA TOWNSHIP ROAD	6400	6500	20/02/2021	104	Left lane	47
MOHAKA TOWNSHIP ROAD	6400	6500	20/02/2021	88	Right lane	54
MOHAKA TOWNSHIP ROAD	6500	6600	20/02/2021	69	Left lane	59
MOHAKA TOWNSHIP ROAD	6500	6600	20/02/2021	50	Right lane	60
MOHAKA TOWNSHIP ROAD	6600	6700	20/02/2021	93	Left lane	55
MOHAKA TOWNSHIP ROAD	6600	6700	20/02/2021	103	Right lane	51
MOHAKA TOWNSHIP ROAD	6700	6800	20/02/2021	80	Left lane	54
MOHAKA TOWNSHIP ROAD	6700	6800	20/02/2021	76	Right lane	57
MOHAKA TOWNSHIP ROAD	6800	6900	20/02/2021	80	Left lane	60
MOHAKA TOWNSHIP ROAD	6800	6900	20/02/2021	100	Right lane	58
MOHAKA TOWNSHIP ROAD	6900	7000	20/02/2021	72	Left lane	55
MOHAKA TOWNSHIP ROAD	6900	7000	20/02/2021	104	Right lane	52
MOHAKA TOWNSHIP ROAD	7000	7100	20/02/2021	133	Left lane	49
MOHAKA TOWNSHIP ROAD	7000	7100	20/02/2021	105	Right lane	54
MOHAKA TOWNSHIP ROAD	7100	7200	20/02/2021	120	Left lane	53
MOHAKA TOWNSHIP ROAD	7100	7200	20/02/2021	93	Right lane	56
MOHAKA TOWNSHIP ROAD	7200	7300	20/02/2021	69	Left lane	45
MOHAKA TOWNSHIP ROAD	7200	7300	20/02/2021	98	Right lane	52
MOHAKA TOWNSHIP ROAD	7300	7400	20/02/2021	113	Left lane	41
MOHAKA TOWNSHIP ROAD	7300	7400	20/02/2021	78	Right lane	48
MOHAKA TOWNSHIP ROAD	7400	7500	20/02/2021	103	Left lane	48
MOHAKA TOWNSHIP ROAD	7400	7500	20/02/2021	99	Right lane	53
MOHAKA TOWNSHIP ROAD	7500	7600	20/02/2021	129	Left lane	44
MOHAKA TOWNSHIP ROAD	7500	7600	20/02/2021	142	Right lane	48
MOHAKA TOWNSHIP ROAD	7600	7700	20/02/2021	151	Left lane	51
MOHAKA TOWNSHIP ROAD	7600	7700	20/02/2021	100	Right lane	58
MOHAKA TOWNSHIP ROAD	7700	7800	20/02/2021	91	Left lane	48
MOHAKA TOWNSHIP ROAD	7700	7800	20/02/2021	49	Right lane	54
MOHAKA TOWNSHIP ROAD	7800	7900	20/02/2021	104	Left lane	38
MOHAKA TOWNSHIP ROAD	7800	7900	20/02/2021	96	Right lane	35
MOHAKA TOWNSHIP ROAD	7900	8000	20/02/2021	141	Left lane	45
MOHAKA TOWNSHIP ROAD	7900	8000	20/02/2021	100	Right lane	45
MOHAKA TOWNSHIP ROAD	8000	8100	20/02/2021	74	Left lane	43
MOHAKA TOWNSHIP ROAD	8000	8100	20/02/2021	61	Right lane	43
MOHAKA TOWNSHIP ROAD	8100	8200	20/02/2021	112	Left lane	41
MOHAKA TOWNSHIP ROAD	8100	8200	20/02/2021	109	Right lane	47

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MOHAKA TOWNSHIP ROAD	8200	8300	20/02/2021	108	Left lane	44
MOHAKA TOWNSHIP ROAD	8200	8300	20/02/2021	103	Right lane	50
MOHAKA TOWNSHIP ROAD	8300	8400	20/02/2021	112	Left lane	45
MOHAKA TOWNSHIP ROAD	8300	8400	20/02/2021	87	Right lane	54
MOHAKA TOWNSHIP ROAD	8400	8500	20/02/2021	141	Left lane	43
MOHAKA TOWNSHIP ROAD	8400	8500	20/02/2021	103	Right lane	41
MOHAKA TOWNSHIP ROAD	8500	8600	20/02/2021	108	Left lane	39
MOHAKA TOWNSHIP ROAD	8500	8600	20/02/2021	116	Right lane	49
MOHAKA TOWNSHIP ROAD	8600	8700	20/02/2021	115	Left lane	48
MOHAKA TOWNSHIP ROAD	8600	8700	20/02/2021	100	Right lane	54
MOHAKA TOWNSHIP ROAD	8700	8800	20/02/2021	100	Left lane	49
MOHAKA TOWNSHIP ROAD	8700	8800	20/02/2021	96	Right lane	57
MOHAKA TOWNSHIP ROAD	8800	8900	20/02/2021	82	Left lane	46
MOHAKA TOWNSHIP ROAD	8800	8900	20/02/2021	110	Right lane	44
MOHAKA TOWNSHIP ROAD	8900	9000	20/02/2021	87	Left lane	43
MOHAKA TOWNSHIP ROAD	8900	9000	20/02/2021	96	Right lane	38
MOHAKA TOWNSHIP ROAD	9000	9100	20/02/2021	103	Left lane	38
MOHAKA TOWNSHIP ROAD	9000	9100	20/02/2021	107	Right lane	39
MOHAKA TOWNSHIP ROAD	9100	9200	20/02/2021	95	Left lane	44
MOHAKA TOWNSHIP ROAD	9100	9200	20/02/2021	109	Right lane	46
MOHAKA TOWNSHIP ROAD	9200	9300	20/02/2021	114	Left lane	46
MOHAKA TOWNSHIP ROAD	9200	9300	20/02/2021	129	Right lane	39
MOHAKA TOWNSHIP ROAD	9300	9400	20/02/2021	166	Left lane	36
MOHAKA TOWNSHIP ROAD	9300	9400	20/02/2021	118	Right lane	43
MOHAKA TOWNSHIP ROAD	9400	9500	20/02/2021	163	Left lane	46
MOHAKA TOWNSHIP ROAD	9400	9500	20/02/2021	123	Right lane	48
MOHAKA TOWNSHIP ROAD	9500	9600	20/02/2021	147	Left lane	39
MOHAKA TOWNSHIP ROAD	9500	9600	20/02/2021	121	Right lane	38
MOHAKA TOWNSHIP ROAD	9600	9630	20/02/2021	168	Left lane	14
MOHAKA TOWNSHIP ROAD	9600	9630	20/02/2021	91	Right lane	34
MOUNTAIN ROAD	0	100	22/02/2021	147	Left lane	24
MOUNTAIN ROAD	0	100	22/02/2021	117	Right lane	26
MOUNTAIN ROAD	100	197	22/02/2021	149	Left lane	22
MOUNTAIN ROAD	100	197	22/02/2021	150	Right lane	21
MURRAE STREET	0	100	23/02/2021	140	Left lane	28
MURRAE STREET	0	100	23/02/2021	110	Right lane	28
MURRAE STREET	100	200	23/02/2021	141	Left lane	29
MURRAE STREET	100	200	23/02/2021	148	Right lane	26
MURRAE STREET	200	242	23/02/2021	109	Left lane	27

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MURRAE STREET	200	242	23/02/2021	142	Right lane	22
NEWCASTLE STREET	0	100	23/02/2021	160	Left lane	36
NEWCASTLE STREET	0	100	23/02/2021	111	Right lane	40
NEWCASTLE STREET	100	200	23/02/2021	86	Left lane	52
NEWCASTLE STREET	100	200	23/02/2021	92	Right lane	49
NEWCASTLE STREET	200	300	23/02/2021	76	Left lane	51
NEWCASTLE STREET	200	300	23/02/2021	76	Right lane	49
NEWCASTLE STREET	300	400	23/02/2021	70	Left lane	55
NEWCASTLE STREET	300	400	23/02/2021	63	Right lane	53
NEWCASTLE STREET	400	500	23/02/2021	86	Left lane	58
NEWCASTLE STREET	400	500	23/02/2021	98	Right lane	50
NEWCASTLE STREET	500	600	23/02/2021	111	Left lane	48
NEWCASTLE STREET	500	600	23/02/2021	81	Right lane	51
NEWCASTLE STREET	600	700	23/02/2021	93	Left lane	50
NEWCASTLE STREET	600	700	23/02/2021	77	Right lane	51
NEWCASTLE STREET	700	800	23/02/2021	112	Left lane	50
NEWCASTLE STREET	700	800	23/02/2021	92	Right lane	51
NEWCASTLE STREET	800	900	23/02/2021	128	Left lane	49
NEWCASTLE STREET	800	900	23/02/2021	106	Right lane	51
NEWCASTLE STREET	900	1000	23/02/2021	85	Left lane	46
NEWCASTLE STREET	900	1000	23/02/2021	123	Right lane	51
NEWCASTLE STREET	1000	1100	23/02/2021	84	Left lane	52
NEWCASTLE STREET	1000	1100	23/02/2021	79	Right lane	51
NEWCASTLE STREET	1100	1200	23/02/2021	78	Left lane	53
NEWCASTLE STREET	1100	1200	23/02/2021	83	Right lane	51
NEWCASTLE STREET	1200	1300	23/02/2021	112	Left lane	52
NEWCASTLE STREET	1200	1300	23/02/2021	110	Right lane	51
NEWCASTLE STREET	1300	1400	23/02/2021	69	Left lane	52
NEWCASTLE STREET	1300	1400	23/02/2021	84	Right lane	52
NEWCASTLE STREET	1400	1500	23/02/2021	139	Left lane	47
NEWCASTLE STREET	1400	1500	23/02/2021	148	Right lane	50
NEWCASTLE STREET	1500	1600	23/02/2021	96	Left lane	46
NEWCASTLE STREET	1500	1600	23/02/2021	113	Right lane	50
NEWCASTLE STREET	1600	1700	23/02/2021	91	Left lane	48
NEWCASTLE STREET	1600	1700	23/02/2021	97	Right lane	47
NEWCASTLE STREET	1700	1800	23/02/2021	112	Left lane	48
NEWCASTLE STREET	1700	1800	23/02/2021	106	Right lane	48
NEWCASTLE STREET	1800	1900	23/02/2021	97	Left lane	45
NEWCASTLE STREET	1800	1900	23/02/2021	124	Right lane	47

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

NEWCASTLE STREET	1900	2000	23/02/2021	69	Left lane	48	
NEWCASTLE STREET	1900	2000	23/02/2021	68	Right lane	48	
NEWCASTLE STREET	2000	2100	23/02/2021	65	Left lane	48	
NEWCASTLE STREET	2000	2100	23/02/2021	58	Right lane	50	
NEWCASTLE STREET	2100	2200	23/02/2021	48	Left lane	50	
NEWCASTLE STREET	2100	2200	23/02/2021	50	Right lane	56	
NEWCASTLE STREET	2200	2300	23/02/2021	50	Left lane	50	
NEWCASTLE STREET	2200	2300	23/02/2021	49	Right lane	49	
NEWCASTLE STREET	2300	2400	23/02/2021	95	Left lane	42	BRIDGE Abutment end (Both)
NEWCASTLE STREET	2300	2400	23/02/2021	104	Right lane	45	
NEWCASTLE STREET	2400	2500	23/02/2021	86	Left lane	45	
NEWCASTLE STREET	2400	2500	23/02/2021	81	Right lane	42	
NEWCASTLE STREET	2500	2600	23/02/2021	57	Left lane	45	
NEWCASTLE STREET	2500	2600	23/02/2021	64	Right lane	40	
NEWCASTLE STREET	2600	2700	23/02/2021	69	Left lane	40	
NEWCASTLE STREET	2600	2700	23/02/2021	82	Right lane	35	
NEWCASTLE STREET	2700	2734	23/02/2021	177	Left lane	31	
NEWCASTLE STREET	2700	2734	23/02/2021	184	Right lane	20	
NGAMOTU ROAD	0	100	22/02/2021	97	Left lane	41	
NGAMOTU ROAD	0	100	22/02/2021	83	Right lane	45	
NGAMOTU ROAD	100	200	22/02/2021	51	Left lane	54	
NGAMOTU ROAD	100	200	22/02/2021	51	Right lane	54	
NGAMOTU ROAD	200	300	22/02/2021	86	Left lane	59	
NGAMOTU ROAD	200	300	22/02/2021	87	Right lane	50	
NGAMOTU ROAD	300	400	22/02/2021	48	Left lane	62	
NGAMOTU ROAD	300	400	22/02/2021	51	Right lane	51	
NGAMOTU ROAD	400	500	22/02/2021	103	Left lane	58	
NGAMOTU ROAD	400	500	22/02/2021	98	Right lane	49	
NGAMOTU ROAD	500	600	22/02/2021	99	Left lane	54	
NGAMOTU ROAD	500	600	22/02/2021	84	Right lane	50	
NGAMOTU ROAD	600	700	22/02/2021	114	Left lane	51	
NGAMOTU ROAD	600	700	22/02/2021	89	Right lane	49	
NGAMOTU ROAD	700	800	22/02/2021	69	Left lane	50	
NGAMOTU ROAD	700	800	22/02/2021	91	Right lane	45	
NGAMOTU ROAD	800	900	22/02/2021	73	Left lane	52	
NGAMOTU ROAD	800	900	22/02/2021	54	Right lane	49	
NGAMOTU ROAD	900	1000	22/02/2021	74	Left lane	48	
NGAMOTU ROAD	900	1000	22/02/2021	95	Right lane	45	
NGAMOTU ROAD	1000	1100	22/02/2021	99	Left lane	41	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

NGAMOTU ROAD	1000	1100	22/02/2021	103	Right lane	37	
NGAMOTU ROAD	1100	1200	22/02/2021	110	Left lane	47	
NGAMOTU ROAD	1100	1200	22/02/2021	120	Right lane	41	
NGAMOTU ROAD	1200	1300	22/02/2021	122	Left lane	34	
NGAMOTU ROAD	1200	1300	22/02/2021	127	Right lane	34	
NGAMOTU ROAD	1300	1400	22/02/2021	100	Left lane	41	
NGAMOTU ROAD	1300	1400	22/02/2021	123	Right lane	44	
NGAMOTU ROAD	1400	1500	22/02/2021	106	Left lane	43	
NGAMOTU ROAD	1400	1500	22/02/2021	100	Right lane	39	
NGAMOTU ROAD	1500	1521	22/02/2021	191	Left lane	32	
NGAMOTU ROAD	1500	1521	22/02/2021	153	Right lane	27	
NGAMOTU ROAD	2700	2800	22/02/2021	73	Left lane	27	
NGAMOTU ROAD	2700	2800	22/02/2021	86	Right lane	38	
NGAMOTU ROAD	2800	2900	22/02/2021	80	Left lane	34	
NGAMOTU ROAD	2800	2900	22/02/2021	81	Right lane	39	
NGAMOTU ROAD	2900	3000	22/02/2021	98	Left lane	29	
NGAMOTU ROAD	2900	3000	22/02/2021	101	Right lane	31	
NGAMOTU ROAD	3000	3100	22/02/2021	103	Left lane	39	
NGAMOTU ROAD	3000	3100	22/02/2021	93	Right lane	34	
NGAMOTU ROAD	3100	3200	22/02/2021	85	Left lane	32	
NGAMOTU ROAD	3100	3200	22/02/2021	83	Right lane	30	
NGAMOTU ROAD	3200	3287	22/02/2021	84	Left lane	33	
NGAMOTU ROAD	3200	3287	22/02/2021	113	Right lane	27	
NUHAKA DOMAIN ROAD	0	100	22/02/2021	124	Left lane	37	
NUHAKA DOMAIN ROAD	0	100	22/02/2021	88	Right lane	35	
NUHAKA DOMAIN ROAD	100	200	22/02/2021	77	Left lane	48	
NUHAKA DOMAIN ROAD	100	200	22/02/2021	65	Right lane	38	
NUHAKA DOMAIN ROAD	200	215	22/02/2021	106	Left lane	19	
NUHAKA DOMAIN ROAD	200	215	22/02/2021	100	Right lane	11	
NUHAKA OPOUTAMA ROAD	0	100	23/02/2021	135	Left lane	42	
NUHAKA OPOUTAMA ROAD	0	100	23/02/2021	115	Right lane	52	
NUHAKA OPOUTAMA ROAD	100	200	23/02/2021	106	Left lane	58	
NUHAKA OPOUTAMA ROAD	100	200	23/02/2021	135	Right lane	67	
NUHAKA OPOUTAMA ROAD	200	300	23/02/2021	163	Left lane	67	
NUHAKA OPOUTAMA ROAD	200	300	23/02/2021	78	Right lane	67	
NUHAKA OPOUTAMA ROAD	300	400	23/02/2021	110	Left lane	70	
NUHAKA OPOUTAMA ROAD	300	400	23/02/2021	79	Right lane	64	
NUHAKA OPOUTAMA ROAD	400	500	23/02/2021	122	Left lane	69	BRIDGE Abutment end (Both)
NUHAKA OPOUTAMA ROAD	400	500	23/02/2021	122	Right lane	61	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

NUHAKA OPOUTAMA ROAD	500	600	23/02/2021	99	Left lane	69	BRIDGE Abutment end (Both)
NUHAKA OPOUTAMA ROAD	500	600	23/02/2021	81	Right lane	61	
NUHAKA OPOUTAMA ROAD	600	700	23/02/2021	86	Left lane	70	
NUHAKA OPOUTAMA ROAD	600	700	23/02/2021	94	Right lane	63	
NUHAKA OPOUTAMA ROAD	700	800	23/02/2021	69	Left lane	71	
NUHAKA OPOUTAMA ROAD	700	800	23/02/2021	85	Right lane	68	
NUHAKA OPOUTAMA ROAD	800	900	23/02/2021	108	Left lane	73	
NUHAKA OPOUTAMA ROAD	800	900	23/02/2021	96	Right lane	70	
NUHAKA OPOUTAMA ROAD	900	1000	23/02/2021	89	Left lane	74	
NUHAKA OPOUTAMA ROAD	900	1000	23/02/2021	91	Right lane	68	
NUHAKA OPOUTAMA ROAD	1000	1100	23/02/2021	84	Left lane	74	
NUHAKA OPOUTAMA ROAD	1000	1100	23/02/2021	106	Right lane	67	
NUHAKA OPOUTAMA ROAD	1100	1200	23/02/2021	81	Left lane	74	
NUHAKA OPOUTAMA ROAD	1100	1200	23/02/2021	80	Right lane	66	
NUHAKA OPOUTAMA ROAD	1200	1300	23/02/2021	99	Left lane	73	
NUHAKA OPOUTAMA ROAD	1200	1300	23/02/2021	89	Right lane	70	
NUHAKA OPOUTAMA ROAD	1300	1400	23/02/2021	81	Left lane	73	
NUHAKA OPOUTAMA ROAD	1300	1400	23/02/2021	98	Right lane	73	
NUHAKA OPOUTAMA ROAD	1400	1500	23/02/2021	83	Left lane	74	
NUHAKA OPOUTAMA ROAD	1400	1500	23/02/2021	104	Right lane	70	
NUHAKA OPOUTAMA ROAD	1500	1600	23/02/2021	172	Left lane	73	BRIDGE Abutment end (Both)
NUHAKA OPOUTAMA ROAD	1500	1600	23/02/2021	157	Right lane	74	
NUHAKA OPOUTAMA ROAD	1600	1700	23/02/2021	67	Left lane	72	
NUHAKA OPOUTAMA ROAD	1600	1700	23/02/2021	65	Right lane	74	
NUHAKA OPOUTAMA ROAD	1700	1800	23/02/2021	71	Left lane	71	
NUHAKA OPOUTAMA ROAD	1700	1800	23/02/2021	79	Right lane	73	
NUHAKA OPOUTAMA ROAD	1800	1900	23/02/2021	103	Left lane	73	
NUHAKA OPOUTAMA ROAD	1800	1900	23/02/2021	113	Right lane	80	
NUHAKA OPOUTAMA ROAD	1900	2000	23/02/2021	81	Left lane	76	
NUHAKA OPOUTAMA ROAD	1900	2000	23/02/2021	102	Right lane	87	
NUHAKA OPOUTAMA ROAD	2000	2100	23/02/2021	58	Left lane	80	
NUHAKA OPOUTAMA ROAD	2000	2100	23/02/2021	50	Right lane	89	
NUHAKA OPOUTAMA ROAD	2100	2200	23/02/2021	56	Left lane	84	
NUHAKA OPOUTAMA ROAD	2100	2200	23/02/2021	48	Right lane	89	
NUHAKA OPOUTAMA ROAD	2200	2300	23/02/2021	60	Left lane	86	
NUHAKA OPOUTAMA ROAD	2200	2300	23/02/2021	62	Right lane	89	
NUHAKA OPOUTAMA ROAD	2300	2400	23/02/2021	75	Left lane	86	
NUHAKA OPOUTAMA ROAD	2300	2400	23/02/2021	65	Right lane	90	
NUHAKA OPOUTAMA ROAD	2400	2500	23/02/2021	54	Left lane	85	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

NUHAKA OPOUTAMA ROAD	2400	2500	23/02/2021	50	Right lane	89	
NUHAKA OPOUTAMA ROAD	2500	2600	23/02/2021	63	Left lane	87	
NUHAKA OPOUTAMA ROAD	2500	2600	23/02/2021	62	Right lane	89	
NUHAKA OPOUTAMA ROAD	2600	2700	23/02/2021	57	Left lane	85	
NUHAKA OPOUTAMA ROAD	2600	2700	23/02/2021	62	Right lane	90	
NUHAKA OPOUTAMA ROAD	2700	2800	23/02/2021	65	Left lane	84	
NUHAKA OPOUTAMA ROAD	2700	2800	23/02/2021	68	Right lane	89	
NUHAKA OPOUTAMA ROAD	2800	2900	23/02/2021	68	Left lane	88	
NUHAKA OPOUTAMA ROAD	2800	2900	23/02/2021	88	Right lane	89	
NUHAKA OPOUTAMA ROAD	2900	3000	23/02/2021	67	Left lane	89	
NUHAKA OPOUTAMA ROAD	2900	3000	23/02/2021	53	Right lane	90	
NUHAKA OPOUTAMA ROAD	3000	3100	23/02/2021	57	Left lane	87	
NUHAKA OPOUTAMA ROAD	3000	3100	23/02/2021	52	Right lane	91	
NUHAKA OPOUTAMA ROAD	3100	3200	23/02/2021	113	Left lane	81	
NUHAKA OPOUTAMA ROAD	3100	3200	23/02/2021	86	Right lane	81	
NUHAKA OPOUTAMA ROAD	3200	3300	23/02/2021	102	Left lane	72	
NUHAKA OPOUTAMA ROAD	3200	3300	23/02/2021	105	Right lane	72	
NUHAKA OPOUTAMA ROAD	3300	3400	23/02/2021	82	Left lane	67	BRIDGE Abutment end (Both)
NUHAKA OPOUTAMA ROAD	3300	3400	23/02/2021	100	Right lane	65	
NUHAKA OPOUTAMA ROAD	3400	3500	23/02/2021	97	Left lane	73	
NUHAKA OPOUTAMA ROAD	3400	3500	23/02/2021	64	Right lane	59	
NUHAKA OPOUTAMA ROAD	3500	3600	23/02/2021	121	Left lane	75	
NUHAKA OPOUTAMA ROAD	3500	3600	23/02/2021	108	Right lane	74	
NUHAKA OPOUTAMA ROAD	3600	3700	23/02/2021	71	Left lane	78	
NUHAKA OPOUTAMA ROAD	3600	3700	23/02/2021	94	Right lane	79	
NUHAKA OPOUTAMA ROAD	3700	3800	23/02/2021	103	Left lane	78	
NUHAKA OPOUTAMA ROAD	3700	3800	23/02/2021	114	Right lane	78	
NUHAKA OPOUTAMA ROAD	3800	3900	23/02/2021	101	Left lane	73	
NUHAKA OPOUTAMA ROAD	3800	3900	23/02/2021	52	Right lane	73	
NUHAKA OPOUTAMA ROAD	3900	4000	23/02/2021	120	Left lane	72	
NUHAKA OPOUTAMA ROAD	3900	4000	23/02/2021	53	Right lane	72	
NUHAKA OPOUTAMA ROAD	4000	4100	23/02/2021	73	Left lane	77	
NUHAKA OPOUTAMA ROAD	4000	4100	23/02/2021	61	Right lane	69	
NUHAKA OPOUTAMA ROAD	4100	4200	23/02/2021	126	Left lane	79	
NUHAKA OPOUTAMA ROAD	4100	4200	23/02/2021	172	Right lane	67	
NUHAKA OPOUTAMA ROAD	4200	4300	23/02/2021	189	Left lane	73	
NUHAKA OPOUTAMA ROAD	4200	4300	23/02/2021	179	Right lane	71	
NUHAKA OPOUTAMA ROAD	4300	4400	23/02/2021	72	Left lane	68	
NUHAKA OPOUTAMA ROAD	4300	4400	23/02/2021	67	Right lane	70	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

NUHAKA OPOUTAMA ROAD	4400	4500	23/02/2021	70	Left lane	63	
NUHAKA OPOUTAMA ROAD	4400	4500	23/02/2021	60	Right lane	66	
NUHAKA OPOUTAMA ROAD	4500	4600	23/02/2021	48	Left lane	66	
NUHAKA OPOUTAMA ROAD	4500	4600	23/02/2021	56	Right lane	71	
NUHAKA OPOUTAMA ROAD	4600	4700	23/02/2021	127	Left lane	56	UNSEALED Road begin
NUHAKA OPOUTAMA ROAD	4600	4700	23/02/2021	73	Right lane	68	
NUHAKA OPOUTAMA ROAD	4700	4800	23/02/2021	52	Left lane	62	
NUHAKA OPOUTAMA ROAD	4700	4800	23/02/2021	62	Right lane	64	
NUHAKA OPOUTAMA ROAD	4800	4900	23/02/2021	105	Left lane	64	
NUHAKA OPOUTAMA ROAD	4800	4900	23/02/2021	102	Right lane	50	
NUHAKA OPOUTAMA ROAD	4900	5000	23/02/2021	154	Left lane	42	
NUHAKA OPOUTAMA ROAD	4900	5000	23/02/2021	102	Right lane	41	
NUHAKA OPOUTAMA ROAD	5000	5100	23/02/2021	108	Left lane	46	
NUHAKA OPOUTAMA ROAD	5000	5100	23/02/2021	126	Right lane	54	
NUHAKA OPOUTAMA ROAD	5100	5200	23/02/2021	97	Left lane	59	
NUHAKA OPOUTAMA ROAD	5100	5200	23/02/2021	79	Right lane	74	
NUHAKA OPOUTAMA ROAD	5200	5300	23/02/2021	99	Left lane	68	
NUHAKA OPOUTAMA ROAD	5200	5300	23/02/2021	89	Right lane	76	
NUHAKA OPOUTAMA ROAD	5300	5400	23/02/2021	69	Left lane	66	
NUHAKA OPOUTAMA ROAD	5300	5400	23/02/2021	86	Right lane	75	
NUHAKA OPOUTAMA ROAD	5400	5500	23/02/2021	80	Left lane	70	
NUHAKA OPOUTAMA ROAD	5400	5500	23/02/2021	86	Right lane	82	
NUHAKA OPOUTAMA ROAD	5500	5600	23/02/2021	87	Left lane	72	
NUHAKA OPOUTAMA ROAD	5500	5600	23/02/2021	100	Right lane	71	
NUHAKA OPOUTAMA ROAD	5600	5700	23/02/2021	97	Left lane	70	
NUHAKA OPOUTAMA ROAD	5600	5700	23/02/2021	100	Right lane	66	
NUHAKA OPOUTAMA ROAD	5700	5800	23/02/2021	76	Left lane	66	
NUHAKA OPOUTAMA ROAD	5700	5800	23/02/2021	61	Right lane	71	
NUHAKA OPOUTAMA ROAD	5800	5900	23/02/2021	98	Left lane	66	
NUHAKA OPOUTAMA ROAD	5800	5900	23/02/2021	98	Right lane	80	
NUHAKA OPOUTAMA ROAD	5900	6000	23/02/2021	71	Left lane	70	
NUHAKA OPOUTAMA ROAD	5900	6000	23/02/2021	67	Right lane	83	
NUHAKA OPOUTAMA ROAD	6000	6100	23/02/2021	114	Left lane	72	
NUHAKA OPOUTAMA ROAD	6000	6100	23/02/2021	122	Right lane	81	
NUHAKA OPOUTAMA ROAD	6100	6200	23/02/2021	129	Left lane	72	
NUHAKA OPOUTAMA ROAD	6100	6200	23/02/2021	64	Right lane	79	
NUHAKA OPOUTAMA ROAD	6200	6300	23/02/2021	65	Left lane	74	
NUHAKA OPOUTAMA ROAD	6200	6300	23/02/2021	110	Right lane	81	
NUHAKA OPOUTAMA ROAD	6300	6400	23/02/2021	114	Left lane	72	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

NUHAKA OPOUTAMA ROAD	6300	6400	23/02/2021	65	Right lane	83	
NUHAKA OPOUTAMA ROAD	6400	6500	23/02/2021	52	Left lane	72	
NUHAKA OPOUTAMA ROAD	6400	6500	23/02/2021	85	Right lane	78	
NUHAKA OPOUTAMA ROAD	6500	6600	23/02/2021	92	Left lane	71	
NUHAKA OPOUTAMA ROAD	6500	6600	23/02/2021	82	Right lane	70	
NUHAKA OPOUTAMA ROAD	6600	6700	23/02/2021	117	Left lane	68	
NUHAKA OPOUTAMA ROAD	6600	6700	23/02/2021	101	Right lane	67	
NUHAKA OPOUTAMA ROAD	6700	6800	23/02/2021	105	Left lane	63	
NUHAKA OPOUTAMA ROAD	6700	6800	23/02/2021	96	Right lane	70	
NUHAKA OPOUTAMA ROAD	6800	6900	23/02/2021	92	Left lane	65	
NUHAKA OPOUTAMA ROAD	6800	6900	23/02/2021	67	Right lane	79	
NUHAKA OPOUTAMA ROAD	6900	7000	23/02/2021	79	Left lane	71	
NUHAKA OPOUTAMA ROAD	6900	7000	23/02/2021	84	Right lane	78	
NUHAKA OPOUTAMA ROAD	7000	7100	23/02/2021	131	Left lane	69	
NUHAKA OPOUTAMA ROAD	7000	7100	23/02/2021	108	Right lane	80	
NUHAKA OPOUTAMA ROAD	7100	7200	23/02/2021	151	Left lane	63	
NUHAKA OPOUTAMA ROAD	7100	7200	23/02/2021	142	Right lane	80	
NUHAKA OPOUTAMA ROAD	7200	7300	23/02/2021	73	Left lane	63	
NUHAKA OPOUTAMA ROAD	7200	7300	23/02/2021	86	Right lane	79	
NUHAKA OPOUTAMA ROAD	7300	7400	23/02/2021	108	Left lane	68	
NUHAKA OPOUTAMA ROAD	7300	7400	23/02/2021	124	Right lane	80	
NUHAKA OPOUTAMA ROAD	7400	7500	23/02/2021	93	Left lane	72	
NUHAKA OPOUTAMA ROAD	7400	7500	23/02/2021	98	Right lane	78	
NUHAKA OPOUTAMA ROAD	7500	7600	23/02/2021	84	Left lane	71	
NUHAKA OPOUTAMA ROAD	7500	7600	23/02/2021	115	Right lane	77	
NUHAKA OPOUTAMA ROAD	7600	7700	23/02/2021	121	Left lane	68	
NUHAKA OPOUTAMA ROAD	7600	7700	23/02/2021	118	Right lane	72	
NUHAKA OPOUTAMA ROAD	7700	7800	23/02/2021	105	Left lane	66	
NUHAKA OPOUTAMA ROAD	7700	7800	23/02/2021	112	Right lane	61	
NUHAKA OPOUTAMA ROAD	7800	7900	23/02/2021	136	Left lane	63	
NUHAKA OPOUTAMA ROAD	7800	7900	23/02/2021	114	Right lane	44	
NUHAKA OPOUTAMA ROAD	7900	8000	23/02/2021	173	Left lane	39	Speed humps
NUHAKA OPOUTAMA ROAD	7900	8000	23/02/2021	157	Right lane	38	
NUHAKA OPOUTAMA ROAD	8000	8100	23/02/2021	148	Left lane	39	Speed humps
NUHAKA OPOUTAMA ROAD	8000	8100	23/02/2021	110	Right lane	54	
NUHAKA OPOUTAMA ROAD	8100	8200	23/02/2021	68	Left lane	58	
NUHAKA OPOUTAMA ROAD	8100	8200	23/02/2021	65	Right lane	66	
NUHAKA OPOUTAMA ROAD	8200	8300	23/02/2021	83	Left lane	74	
NUHAKA OPOUTAMA ROAD	8200	8300	23/02/2021	124	Right lane	76	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

NUHAKA OPOUTAMA ROAD	8300	8400	23/02/2021	110	Left lane	80
NUHAKA OPOUTAMA ROAD	8300	8400	23/02/2021	83	Right lane	81
NUHAKA OPOUTAMA ROAD	8400	8500	23/02/2021	45	Left lane	81
NUHAKA OPOUTAMA ROAD	8400	8500	23/02/2021	60	Right lane	81
NUHAKA OPOUTAMA ROAD	8500	8600	23/02/2021	51	Left lane	78
NUHAKA OPOUTAMA ROAD	8500	8600	23/02/2021	68	Right lane	78
NUHAKA OPOUTAMA ROAD	8600	8700	23/02/2021	102	Left lane	76
NUHAKA OPOUTAMA ROAD	8600	8700	23/02/2021	73	Right lane	76
NUHAKA OPOUTAMA ROAD	8700	8800	23/02/2021	99	Left lane	79
NUHAKA OPOUTAMA ROAD	8700	8800	23/02/2021	71	Right lane	80
NUHAKA OPOUTAMA ROAD	8800	8900	23/02/2021	83	Left lane	73
NUHAKA OPOUTAMA ROAD	8800	8900	23/02/2021	99	Right lane	70
NUHAKA OPOUTAMA ROAD	8900	9000	23/02/2021	90	Left lane	64
NUHAKA OPOUTAMA ROAD	8900	9000	23/02/2021	70	Right lane	58
NUHAKA OPOUTAMA ROAD	9000	9100	23/02/2021	81	Left lane	60
NUHAKA OPOUTAMA ROAD	9000	9100	23/02/2021	80	Right lane	53
NUHAKA OPOUTAMA ROAD	9100	9200	23/02/2021	107	Left lane	52
NUHAKA OPOUTAMA ROAD	9100	9200	23/02/2021	70	Right lane	56
NUHAKA OPOUTAMA ROAD	9200	9300	23/02/2021	105	Left lane	58
NUHAKA OPOUTAMA ROAD	9200	9300	23/02/2021	89	Right lane	59
NUHAKA OPOUTAMA ROAD	9300	9400	23/02/2021	115	Left lane	56
NUHAKA OPOUTAMA ROAD	9300	9400	23/02/2021	152	Right lane	58
NUHAKA OPOUTAMA ROAD	9400	9500	23/02/2021	91	Left lane	56
NUHAKA OPOUTAMA ROAD	9400	9500	23/02/2021	69	Right lane	58
NUHAKA OPOUTAMA ROAD	9500	9600	23/02/2021	79	Left lane	51
NUHAKA OPOUTAMA ROAD	9500	9600	23/02/2021	61	Right lane	65
NUHAKA OPOUTAMA ROAD	9600	9700	23/02/2021	79	Left lane	58
NUHAKA OPOUTAMA ROAD	9600	9700	23/02/2021	63	Right lane	75
NUHAKA OPOUTAMA ROAD	9700	9800	23/02/2021	59	Left lane	65
NUHAKA OPOUTAMA ROAD	9700	9800	23/02/2021	55	Right lane	71
NUHAKA OPOUTAMA ROAD	9800	9900	23/02/2021	44	Left lane	66
NUHAKA OPOUTAMA ROAD	9800	9900	23/02/2021	65	Right lane	63
NUHAKA OPOUTAMA ROAD	9900	10000	23/02/2021	72	Left lane	55
NUHAKA OPOUTAMA ROAD	9900	10000	23/02/2021	61	Right lane	59
NUHAKA OPOUTAMA ROAD	10000	10100	23/02/2021	86	Left lane	58
NUHAKA OPOUTAMA ROAD	10000	10100	23/02/2021	89	Right lane	56
NUHAKA OPOUTAMA ROAD	10100	10200	23/02/2021	120	Left lane	58
NUHAKA OPOUTAMA ROAD	10100	10200	23/02/2021	107	Right lane	50
NUHAKA OPOUTAMA ROAD	10200	10300	23/02/2021	140	Left lane	46

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

NUHAKA OPOUTAMA ROAD	10200	10300	23/02/2021	112	Right lane	50	
NUHAKA OPOUTAMA ROAD	10300	10400	23/02/2021	167	Left lane	49	
NUHAKA OPOUTAMA ROAD	10300	10400	23/02/2021	112	Right lane	56	
NUHAKA OPOUTAMA ROAD	10400	10500	23/02/2021	111	Left lane	57	
NUHAKA OPOUTAMA ROAD	10400	10500	23/02/2021	101	Right lane	62	
NUHAKA OPOUTAMA ROAD	10500	10600	23/02/2021	121	Left lane	53	
NUHAKA OPOUTAMA ROAD	10500	10600	23/02/2021	115	Right lane	56	
NUHAKA OPOUTAMA ROAD	10600	10700	23/02/2021	129	Left lane	52	
NUHAKA OPOUTAMA ROAD	10600	10700	23/02/2021	135	Right lane	51	
NUHAKA OPOUTAMA ROAD	10700	10800	23/02/2021	118	Left lane	49	
NUHAKA OPOUTAMA ROAD	10700	10800	23/02/2021	124	Right lane	56	
NUHAKA OPOUTAMA ROAD	10800	10900	23/02/2021	127	Left lane	49	BRIDGE Abutment end (Both)
NUHAKA OPOUTAMA ROAD	10800	10900	23/02/2021	123	Right lane	61	
NUHAKA OPOUTAMA ROAD	10900	11000	23/02/2021	93	Left lane	48	
NUHAKA OPOUTAMA ROAD	10900	11000	23/02/2021	74	Right lane	58	
NUHAKA OPOUTAMA ROAD	11000	11100	23/02/2021	105	Left lane	36	
NUHAKA OPOUTAMA ROAD	11000	11100	23/02/2021	78	Right lane	46	
NUHAKA OPOUTAMA ROAD	11100	11132	23/02/2021	108	Left lane	17	
NUHAKA OPOUTAMA ROAD	11100	11132	23/02/2021	105	Right lane	32	
OHUKA ROAD	0	100	22/02/2021	190	Left lane	34	
OHUKA ROAD	0	100	22/02/2021	230	Right lane	49	
OHUKA ROAD	100	200	22/02/2021	99	Left lane	50	
OHUKA ROAD	100	200	22/02/2021	93	Right lane	66	
OHUKA ROAD	200	300	22/02/2021	104	Left lane	41	
OHUKA ROAD	200	300	22/02/2021	97	Right lane	56	
OHUKA ROAD	300	400	22/02/2021	69	Left lane	45	
OHUKA ROAD	300	400	22/02/2021	87	Right lane	51	
OHUKA ROAD	400	500	22/02/2021	87	Left lane	64	
OHUKA ROAD	400	500	22/02/2021	92	Right lane	70	
OHUKA ROAD	500	600	22/02/2021	69	Left lane	69	
OHUKA ROAD	500	600	22/02/2021	58	Right lane	73	
OHUKA ROAD	600	700	22/02/2021	98	Left lane	64	
OHUKA ROAD	600	700	22/02/2021	108	Right lane	64	
OHUKA ROAD	700	800	22/02/2021	74	Left lane	56	
OHUKA ROAD	700	800	22/02/2021	77	Right lane	59	
OHUKA ROAD	800	900	22/02/2021	92	Left lane	43	
OHUKA ROAD	800	900	22/02/2021	88	Right lane	60	
OHUKA ROAD	900	1000	22/02/2021	144	Left lane	45	
OHUKA ROAD	900	1000	22/02/2021	113	Right lane	54	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

OHUKA ROAD	1000	1100	22/02/2021	116	Left lane	47
OHUKA ROAD	1000	1100	22/02/2021	125	Right lane	60
OHUKA ROAD	1100	1200	22/02/2021	108	Left lane	57
OHUKA ROAD	1100	1200	22/02/2021	112	Right lane	75
OHUKA ROAD	1200	1300	22/02/2021	87	Left lane	63
OHUKA ROAD	1200	1300	22/02/2021	83	Right lane	69
OHUKA ROAD	1300	1400	22/02/2021	66	Left lane	65
OHUKA ROAD	1300	1400	22/02/2021	73	Right lane	60
OHUKA ROAD	1400	1500	22/02/2021	123	Left lane	59
OHUKA ROAD	1400	1500	22/02/2021	94	Right lane	50
OHUKA ROAD	1500	1600	22/02/2021	127	Left lane	44
OHUKA ROAD	1500	1600	22/02/2021	110	Right lane	52
OHUKA ROAD	1600	1700	22/02/2021	111	Left lane	46
OHUKA ROAD	1600	1700	22/02/2021	96	Right lane	51
OHUKA ROAD	1700	1800	22/02/2021	90	Left lane	50
OHUKA ROAD	1700	1800	22/02/2021	104	Right lane	65
OHUKA ROAD	1800	1900	22/02/2021	71	Left lane	57
OHUKA ROAD	1800	1900	22/02/2021	48	Right lane	81
OHUKA ROAD	1900	2000	22/02/2021	91	Left lane	62
OHUKA ROAD	1900	2000	22/02/2021	66	Right lane	81
OHUKA ROAD	2000	2100	22/02/2021	70	Left lane	61
OHUKA ROAD	2000	2100	22/02/2021	52	Right lane	75
OHUKA ROAD	2100	2200	22/02/2021	75	Left lane	63
OHUKA ROAD	2100	2200	22/02/2021	72	Right lane	74
OHUKA ROAD	2200	2300	22/02/2021	116	Left lane	62
OHUKA ROAD	2200	2300	22/02/2021	107	Right lane	64
OHUKA ROAD	2300	2400	22/02/2021	158	Left lane	60
OHUKA ROAD	2300	2400	22/02/2021	139	Right lane	60
OHUKA ROAD	2400	2500	22/02/2021	123	Left lane	45
OHUKA ROAD	2400	2500	22/02/2021	83	Right lane	46
OHUKA ROAD	2500	2600	22/02/2021	61	Left lane	47
OHUKA ROAD	2500	2600	22/02/2021	59	Right lane	56
OHUKA ROAD	2600	2700	22/02/2021	49	Left lane	58
OHUKA ROAD	2600	2700	22/02/2021	65	Right lane	71
OHUKA ROAD	2700	2800	22/02/2021	56	Left lane	65
OHUKA ROAD	2700	2800	22/02/2021	95	Right lane	68
OHUKA ROAD	2800	2900	22/02/2021	125	Left lane	60
OHUKA ROAD	2800	2900	22/02/2021	163	Right lane	67
OHUKA ROAD	2900	3000	22/02/2021	62	Left lane	53

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

OHUKA ROAD	2900	3000	22/02/2021	70	Right lane	65
OHUKA ROAD	3000	3100	22/02/2021	111	Left lane	62
OHUKA ROAD	3000	3100	22/02/2021	111	Right lane	73
OHUKA ROAD	3100	3200	22/02/2021	61	Left lane	72
OHUKA ROAD	3100	3200	22/02/2021	68	Right lane	81
OHUKA ROAD	3200	3300	22/02/2021	87	Left lane	64
OHUKA ROAD	3200	3300	22/02/2021	70	Right lane	72
OHUKA ROAD	3300	3400	22/02/2021	100	Left lane	61
OHUKA ROAD	3300	3400	22/02/2021	135	Right lane	69
OHUKA ROAD	3400	3500	22/02/2021	136	Left lane	59
OHUKA ROAD	3400	3500	22/02/2021	105	Right lane	69
OHUKA ROAD	3500	3600	22/02/2021	118	Left lane	60
OHUKA ROAD	3500	3600	22/02/2021	133	Right lane	68
OHUKA ROAD	3600	3700	22/02/2021	107	Left lane	63
OHUKA ROAD	3600	3700	22/02/2021	93	Right lane	74
OHUKA ROAD	3700	3800	22/02/2021	77	Left lane	69
OHUKA ROAD	3700	3800	22/02/2021	73	Right lane	72
OHUKA ROAD	3800	3900	22/02/2021	90	Left lane	66
OHUKA ROAD	3800	3900	22/02/2021	91	Right lane	78
OHUKA ROAD	3900	4000	22/02/2021	104	Left lane	69
OHUKA ROAD	3900	4000	22/02/2021	144	Right lane	84
OHUKA ROAD	4000	4100	22/02/2021	112	Left lane	70
OHUKA ROAD	4000	4100	22/02/2021	98	Right lane	80
OHUKA ROAD	4100	4200	22/02/2021	58	Left lane	76
OHUKA ROAD	4100	4200	22/02/2021	94	Right lane	71
OHUKA ROAD	4200	4300	22/02/2021	67	Left lane	68
OHUKA ROAD	4200	4300	22/02/2021	58	Right lane	63
OHUKA ROAD	4300	4400	22/02/2021	97	Left lane	59
OHUKA ROAD	4300	4400	22/02/2021	94	Right lane	55
OHUKA ROAD	4400	4500	22/02/2021	110	Left lane	48
OHUKA ROAD	4400	4500	22/02/2021	138	Right lane	47
OHUKA ROAD	4500	4600	22/02/2021	128	Left lane	54
OHUKA ROAD	4500	4600	22/02/2021	89	Right lane	59
OHUKA ROAD	4600	4700	22/02/2021	118	Left lane	56
OHUKA ROAD	4600	4700	22/02/2021	124	Right lane	59
OHUKA ROAD	4700	4800	22/02/2021	114	Left lane	47
OHUKA ROAD	4700	4800	22/02/2021	98	Right lane	58
OHUKA ROAD	4800	4900	22/02/2021	102	Left lane	48
OHUKA ROAD	4800	4900	22/02/2021	115	Right lane	58

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

OHUKA ROAD	4900	5000	22/02/2021	63	Left lane	53
OHUKA ROAD	4900	5000	22/02/2021	84	Right lane	67
OHUKA ROAD	5000	5100	22/02/2021	67	Left lane	67
OHUKA ROAD	5000	5100	22/02/2021	81	Right lane	75
OHUKA ROAD	5100	5200	22/02/2021	67	Left lane	77
OHUKA ROAD	5100	5200	22/02/2021	78	Right lane	77
OHUKA ROAD	5200	5300	22/02/2021	78	Left lane	74
OHUKA ROAD	5200	5300	22/02/2021	66	Right lane	70
OHUKA ROAD	5300	5400	22/02/2021	101	Left lane	65
OHUKA ROAD	5300	5400	22/02/2021	111	Right lane	67
OHUKA ROAD	5400	5500	22/02/2021	86	Left lane	69
OHUKA ROAD	5400	5500	22/02/2021	120	Right lane	67
OHUKA ROAD	5500	5600	22/02/2021	163	Left lane	66
OHUKA ROAD	5500	5600	22/02/2021	163	Right lane	79
OHUKA ROAD	5600	5700	22/02/2021	121	Left lane	68
OHUKA ROAD	5600	5700	22/02/2021	89	Right lane	72
OHUKA ROAD	5700	5800	22/02/2021	141	Left lane	66
OHUKA ROAD	5700	5800	22/02/2021	101	Right lane	67
OHUKA ROAD	5800	5900	22/02/2021	155	Left lane	61
OHUKA ROAD	5800	5900	22/02/2021	121	Right lane	65
OHUKA ROAD	5900	6000	22/02/2021	155	Left lane	57
OHUKA ROAD	5900	6000	22/02/2021	108	Right lane	61
OHUKA ROAD	6000	6100	22/02/2021	143	Left lane	51
OHUKA ROAD	6000	6100	22/02/2021	98	Right lane	64
OHUKA ROAD	6100	6200	22/02/2021	87	Left lane	59
OHUKA ROAD	6100	6200	22/02/2021	74	Right lane	68
OHUKA ROAD	6200	6300	22/02/2021	65	Left lane	69
OHUKA ROAD	6200	6300	22/02/2021	95	Right lane	70
OHUKA ROAD	6300	6400	22/02/2021	71	Left lane	76
OHUKA ROAD	6300	6400	22/02/2021	76	Right lane	65
OHUKA ROAD	6400	6500	22/02/2021	83	Left lane	72
OHUKA ROAD	6400	6500	22/02/2021	89	Right lane	50
OHUKA ROAD	6500	6600	22/02/2021	81	Left lane	62
OHUKA ROAD	6500	6600	22/02/2021	97	Right lane	56
OHUKA ROAD	6600	6700	22/02/2021	96	Left lane	65
OHUKA ROAD	6600	6700	22/02/2021	89	Right lane	56
OHUKA ROAD	6700	6800	22/02/2021	73	Left lane	65
OHUKA ROAD	6700	6800	22/02/2021	86	Right lane	48
OHUKA ROAD	6800	6900	22/02/2021	82	Left lane	52

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

OHUKA ROAD	6800	6900	22/02/2021	81	Right lane	61
OHUKA ROAD	6900	7000	22/02/2021	86	Left lane	65
OHUKA ROAD	6900	7000	22/02/2021	103	Right lane	78
OHUKA ROAD	7000	7100	22/02/2021	116	Left lane	74
OHUKA ROAD	7000	7100	22/02/2021	76	Right lane	78
OHUKA ROAD	7100	7200	22/02/2021	95	Left lane	73
OHUKA ROAD	7100	7200	22/02/2021	65	Right lane	70
OHUKA ROAD	7200	7300	22/02/2021	82	Left lane	72
OHUKA ROAD	7200	7300	22/02/2021	92	Right lane	63
OHUKA ROAD	7300	7400	22/02/2021	80	Left lane	76
OHUKA ROAD	7300	7400	22/02/2021	114	Right lane	54
OHUKA ROAD	7400	7500	22/02/2021	185	Left lane	68
OHUKA ROAD	7400	7500	22/02/2021	183	Right lane	62
OHUKA ROAD	7500	7600	22/02/2021	146	Left lane	67
OHUKA ROAD	7500	7600	22/02/2021	59	Right lane	69
OHUKA ROAD	7600	7700	22/02/2021	70	Left lane	71
OHUKA ROAD	7600	7700	22/02/2021	99	Right lane	85
OHUKA ROAD	7700	7800	22/02/2021	58	Left lane	78
OHUKA ROAD	7700	7800	22/02/2021	73	Right lane	85
OHUKA ROAD	7800	7900	22/02/2021	72	Left lane	84
OHUKA ROAD	7800	7900	22/02/2021	53	Right lane	81
OHUKA ROAD	7900	8000	22/02/2021	68	Left lane	82
OHUKA ROAD	7900	8000	22/02/2021	69	Right lane	79
OHUKA ROAD	8000	8100	22/02/2021	61	Left lane	80
OHUKA ROAD	8000	8100	22/02/2021	48	Right lane	83
OHUKA ROAD	8100	8200	22/02/2021	54	Left lane	84
OHUKA ROAD	8100	8200	22/02/2021	56	Right lane	82
OHUKA ROAD	8200	8300	22/02/2021	76	Left lane	81
OHUKA ROAD	8200	8300	22/02/2021	54	Right lane	75
OHUKA ROAD	8300	8400	22/02/2021	52	Left lane	78
OHUKA ROAD	8300	8400	22/02/2021	56	Right lane	64
OHUKA ROAD	8400	8500	22/02/2021	72	Left lane	73
OHUKA ROAD	8400	8500	22/02/2021	69	Right lane	60
OHUKA ROAD	8500	8600	22/02/2021	69	Left lane	72
OHUKA ROAD	8500	8600	22/02/2021	67	Right lane	58
OHUKA ROAD	8600	8700	22/02/2021	60	Left lane	72
OHUKA ROAD	8600	8700	22/02/2021	78	Right lane	57
OHUKA ROAD	8700	8800	22/02/2021	99	Left lane	66
OHUKA ROAD	8700	8800	22/02/2021	81	Right lane	56

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

OHUKA ROAD	8800	8900	22/02/2021	84	Left lane	54
OHUKA ROAD	8800	8900	22/02/2021	104	Right lane	47
OHUKA ROAD	8900	9000	22/02/2021	105	Left lane	51
OHUKA ROAD	8900	9000	22/02/2021	134	Right lane	49
OHUKA ROAD	9000	9100	22/02/2021	94	Left lane	50
OHUKA ROAD	9000	9100	22/02/2021	136	Right lane	47
OHUKA ROAD	9100	9200	22/02/2021	90	Left lane	53
OHUKA ROAD	9100	9200	22/02/2021	145	Right lane	42
OHUKA ROAD	9200	9300	22/02/2021	108	Left lane	49
OHUKA ROAD	9200	9300	22/02/2021	101	Right lane	58
OHUKA ROAD	9300	9400	22/02/2021	99	Left lane	62
OHUKA ROAD	9300	9400	22/02/2021	97	Right lane	58
OHUKA ROAD	9400	9500	22/02/2021	98	Left lane	51
OHUKA ROAD	9400	9500	22/02/2021	122	Right lane	42
OHUKA ROAD	9500	9600	22/02/2021	120	Left lane	48
OHUKA ROAD	9500	9600	22/02/2021	142	Right lane	59
OHUKA ROAD	9600	9700	22/02/2021	82	Left lane	62
OHUKA ROAD	9600	9700	22/02/2021	91	Right lane	66
OHUKA ROAD	9700	9800	22/02/2021	104	Left lane	67
OHUKA ROAD	9700	9800	22/02/2021	100	Right lane	60
OHUKA ROAD	9800	9900	22/02/2021	75	Left lane	66
OHUKA ROAD	9800	9900	22/02/2021	91	Right lane	66
OHUKA ROAD	9900	10000	22/02/2021	97	Left lane	63
OHUKA ROAD	9900	10000	22/02/2021	95	Right lane	62
OHUKA ROAD	10000	10100	22/02/2021	109	Left lane	56
OHUKA ROAD	10000	10100	22/02/2021	113	Right lane	43
OHUKA ROAD	10100	10200	22/02/2021	88	Left lane	48
OHUKA ROAD	10100	10200	22/02/2021	86	Right lane	63
OHUKA ROAD	10200	10300	22/02/2021	99	Left lane	69
OHUKA ROAD	10200	10300	22/02/2021	108	Right lane	64
OHUKA ROAD	10300	10400	22/02/2021	102	Left lane	61
OHUKA ROAD	10300	10400	22/02/2021	88	Right lane	52
OHUKA ROAD	10400	10500	22/02/2021	114	Left lane	53
OHUKA ROAD	10400	10500	22/02/2021	110	Right lane	43
OHUKA ROAD	10500	10600	22/02/2021	131	Left lane	44
OHUKA ROAD	10500	10600	22/02/2021	112	Right lane	48
OHUKA ROAD	10600	10700	22/02/2021	85	Left lane	58
OHUKA ROAD	10600	10700	22/02/2021	80	Right lane	59
OHUKA ROAD	10700	10800	22/02/2021	155	Left lane	60

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

OHUKA ROAD	10700	10800	22/02/2021	108	Right lane	50	
OHUKA ROAD	10800	10900	22/02/2021	106	Left lane	53	
OHUKA ROAD	10800	10900	22/02/2021	77	Right lane	51	
OHUKA ROAD	10900	11000	22/02/2021	110	Left lane	51	
OHUKA ROAD	10900	11000	22/02/2021	85	Right lane	49	
OHUKA ROAD	11000	11100	22/02/2021	91	Left lane	53	
OHUKA ROAD	11000	11100	22/02/2021	90	Right lane	60	
OHUKA ROAD	11100	11200	22/02/2021	95	Left lane	60	
OHUKA ROAD	11100	11200	22/02/2021	78	Right lane	48	
OHUKA ROAD	11200	11300	22/02/2021	151	Left lane	40	
OHUKA ROAD	11200	11300	22/02/2021	156	Right lane	34	
OHUKA ROAD	11300	11400	22/02/2021	83	Left lane	46	
OHUKA ROAD	11300	11400	22/02/2021	88	Right lane	53	
OHUKA ROAD	11400	11500	22/02/2021	62	Left lane	57	
OHUKA ROAD	11400	11500	22/02/2021	64	Right lane	52	
OHUKA ROAD	11500	11600	22/02/2021	85	Left lane	46	
OHUKA ROAD	11500	11600	22/02/2021	112	Right lane	46	
OHUKA ROAD	11600	11700	22/02/2021	133	Left lane	47	
OHUKA ROAD	11600	11700	22/02/2021	117	Right lane	49	
OHUKA ROAD	11700	11800	22/02/2021	158	Left lane	33	BRIDGE Abutment end (Both)
OHUKA ROAD	11700	11800	22/02/2021	178	Right lane	43	
OHUKA ROAD	11800	11900	22/02/2021	98	Left lane	37	
OHUKA ROAD	11800	11900	22/02/2021	105	Right lane	53	
OHUKA ROAD	11900	12000	22/02/2021	61	Left lane	52	
OHUKA ROAD	11900	12000	22/02/2021	49	Right lane	56	
OHUKA ROAD	12000	12100	22/02/2021	95	Left lane	39	
OHUKA ROAD	12000	12100	22/02/2021	129	Right lane	40	
OHUKA ROAD	12100	12200	22/02/2021	185	Left lane	26	BRIDGE Abutment end (Both)
OHUKA ROAD	12100	12200	22/02/2021	186	Right lane	28	
OHUKA ROAD	12200	12203	22/02/2021	122	Left lane	24	
OHUKA ROAD	12200	12203	22/02/2021	264	Right lane	21	
OKARE ROAD	0	100	22/02/2021	158	Left lane	35	
OKARE ROAD	0	100	22/02/2021	138	Right lane	41	
OKARE ROAD	100	200	22/02/2021	188	Left lane	38	
OKARE ROAD	100	200	22/02/2021	156	Right lane	42	
OKARE ROAD	200	300	22/02/2021	78	Left lane	41	
OKARE ROAD	200	300	22/02/2021	109	Right lane	43	
OKARE ROAD	300	400	22/02/2021	69	Left lane	47	
OKARE ROAD	300	400	22/02/2021	87	Right lane	41	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

OKARE ROAD	400	500	22/02/2021	101	Left lane	33	
OKARE ROAD	400	500	22/02/2021	110	Right lane	31	
OKARE ROAD	500	600	22/02/2021	200	Left lane	29	GRID (eg Cattle Stop)
OKARE ROAD	500	600	22/02/2021	175	Right lane	37	
OKARE ROAD	600	700	22/02/2021	117	Left lane	38	
OKARE ROAD	600	700	22/02/2021	132	Right lane	55	
OKARE ROAD	700	800	22/02/2021	120	Left lane	48	
OKARE ROAD	700	800	22/02/2021	141	Right lane	52	
OKARE ROAD	800	900	22/02/2021	204	Left lane	54	
OKARE ROAD	800	900	22/02/2021	196	Right lane	56	
OKARE ROAD	900	1000	22/02/2021	204	Left lane	55	
OKARE ROAD	900	1000	22/02/2021	195	Right lane	58	
OKARE ROAD	1000	1100	22/02/2021	144	Left lane	50	
OKARE ROAD	1000	1100	22/02/2021	135	Right lane	54	
OKARE ROAD	1100	1200	22/02/2021	89	Left lane	51	
OKARE ROAD	1100	1200	22/02/2021	139	Right lane	58	
OKARE ROAD	1200	1300	22/02/2021	107	Left lane	58	
OKARE ROAD	1200	1300	22/02/2021	97	Right lane	59	
OKARE ROAD	1300	1400	22/02/2021	166	Left lane	59	
OKARE ROAD	1300	1400	22/02/2021	110	Right lane	58	
OKARE ROAD	1400	1500	22/02/2021	120	Left lane	54	
OKARE ROAD	1400	1500	22/02/2021	115	Right lane	55	
OKARE ROAD	1500	1600	22/02/2021	62	Left lane	59	
OKARE ROAD	1500	1600	22/02/2021	75	Right lane	59	
OKARE ROAD	1600	1700	22/02/2021	87	Left lane	55	
OKARE ROAD	1600	1700	22/02/2021	85	Right lane	55	
OKARE ROAD	1700	1800	22/02/2021	101	Left lane	50	
OKARE ROAD	1700	1800	22/02/2021	86	Right lane	51	
OKARE ROAD	1800	1900	22/02/2021	65	Left lane	58	
OKARE ROAD	1800	1900	22/02/2021	85	Right lane	61	
OKARE ROAD	1900	2000	22/02/2021	69	Left lane	59	
OKARE ROAD	1900	2000	22/02/2021	66	Right lane	60	
OKARE ROAD	2000	2100	22/02/2021	56	Left lane	57	
OKARE ROAD	2000	2100	22/02/2021	59	Right lane	52	
OKARE ROAD	2100	2200	22/02/2021	63	Left lane	54	
OKARE ROAD	2100	2200	22/02/2021	79	Right lane	47	
OKARE ROAD	2200	2238	22/02/2021	92	Left lane	35	
OKARE ROAD	2200	2238	22/02/2021	98	Right lane	26	
OMANA ROAD	0	100	22/02/2021	138	Left lane	36	Speed humps

Project Number 2-Y1300 DM VT121
 Wairoa District Council
 2020 Rfoughness Report

OMANA ROAD	0	100	22/02/2021	115	Right lane	41
OMANA ROAD	100	200	22/02/2021	62	Left lane	49
OMANA ROAD	100	200	22/02/2021	61	Right lane	75
OMANA ROAD	200	300	22/02/2021	57	Left lane	56
OMANA ROAD	200	300	22/02/2021	60	Right lane	80
OMANA ROAD	300	400	22/02/2021	57	Left lane	73
OMANA ROAD	300	400	22/02/2021	57	Right lane	81
OMANA ROAD	400	500	22/02/2021	82	Left lane	80
OMANA ROAD	400	500	22/02/2021	68	Right lane	81
OMANA ROAD	500	600	22/02/2021	53	Left lane	80
OMANA ROAD	500	600	22/02/2021	64	Right lane	79
OMANA ROAD	600	700	22/02/2021	81	Left lane	80
OMANA ROAD	600	700	22/02/2021	67	Right lane	78
OMANA ROAD	700	800	22/02/2021	59	Left lane	80
OMANA ROAD	700	800	22/02/2021	70	Right lane	79
OMANA ROAD	800	900	22/02/2021	59	Left lane	81
OMANA ROAD	800	900	22/02/2021	59	Right lane	74
OMANA ROAD	900	1000	22/02/2021	88	Left lane	74
OMANA ROAD	900	1000	22/02/2021	72	Right lane	64
OMANA ROAD	1000	1100	22/02/2021	79	Left lane	56
OMANA ROAD	1000	1100	22/02/2021	50	Right lane	62
OMANA ROAD	1100	1200	22/02/2021	72	Left lane	58
OMANA ROAD	1100	1200	22/02/2021	53	Right lane	62
OMANA ROAD	1200	1300	22/02/2021	62	Left lane	55
OMANA ROAD	1200	1300	22/02/2021	59	Right lane	49
OMANA ROAD	1300	1333	22/02/2021	82	Left lane	36
OMANA ROAD	1300	1333	22/02/2021	95	Right lane	20
ONEPOTO ROAD	600	700	22/02/2021	131	Left lane	23
ONEPOTO ROAD	600	700	22/02/2021	119	Right lane	27
ONEPOTO ROAD	700	800	22/02/2021	108	Left lane	29
ONEPOTO ROAD	700	800	22/02/2021	103	Right lane	29
ONEPOTO ROAD	800	895	22/02/2021	132	Left lane	23
ONEPOTO ROAD	800	895	22/02/2021	125	Right lane	21
OPOUTAMA VILLAGE ROAD	0	100	23/02/2021	142	Left lane	36
OPOUTAMA VILLAGE ROAD	0	100	23/02/2021	162	Right lane	40
OPOUTAMA VILLAGE ROAD	100	200	23/02/2021	111	Left lane	44
OPOUTAMA VILLAGE ROAD	100	200	23/02/2021	104	Right lane	48
OPOUTAMA VILLAGE ROAD	200	300	23/02/2021	114	Left lane	41
OPOUTAMA VILLAGE ROAD	200	300	23/02/2021	130	Right lane	40

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

OPOUTAMA VILLAGE ROAD	300	400	23/02/2021	101	Left lane	55	
OPOUTAMA VILLAGE ROAD	300	400	23/02/2021	95	Right lane	52	
OPOUTAMA VILLAGE ROAD	400	500	23/02/2021	87	Left lane	56	
OPOUTAMA VILLAGE ROAD	400	500	23/02/2021	98	Right lane	49	
OPOUTAMA VILLAGE ROAD	500	600	23/02/2021	108	Left lane	41	
OPOUTAMA VILLAGE ROAD	500	600	23/02/2021	121	Right lane	38	
OPOUTAMA VILLAGE ROAD	600	700	23/02/2021	171	Left lane	32	BRIDGE Abutment end (Both)
OPOUTAMA VILLAGE ROAD	600	700	23/02/2021	191	Right lane	34	
OPOUTAMA VILLAGE ROAD	700	706	23/02/2021	53	Left lane	13	
OPOUTAMA VILLAGE ROAD	700	706	23/02/2021	214	Right lane	32	
ORAKA ROAD	0	100	23/02/2021	79	Left lane	40	
ORAKA ROAD	0	100	23/02/2021	80	Right lane	43	
ORAKA ROAD	100	200	23/02/2021	61	Left lane	44	
ORAKA ROAD	100	200	23/02/2021	72	Right lane	46	
ORAKA ROAD	200	256	23/02/2021	74	Left lane	27	
ORAKA ROAD	200	256	23/02/2021	123	Right lane	22	
ORMOND DRIVE	0	100	23/02/2021	96	Left lane	53	
ORMOND DRIVE	0	100	23/02/2021	93	Right lane	67	
ORMOND DRIVE	100	200	23/02/2021	61	Left lane	63	
ORMOND DRIVE	100	200	23/02/2021	67	Right lane	69	
ORMOND DRIVE	200	300	23/02/2021	73	Left lane	73	
ORMOND DRIVE	200	300	23/02/2021	53	Right lane	72	
ORMOND DRIVE	300	400	23/02/2021	109	Left lane	75	
ORMOND DRIVE	300	400	23/02/2021	78	Right lane	77	
ORMOND DRIVE	400	500	23/02/2021	54	Left lane	76	
ORMOND DRIVE	400	500	23/02/2021	69	Right lane	76	
ORMOND DRIVE	500	600	23/02/2021	48	Left lane	77	
ORMOND DRIVE	500	600	23/02/2021	71	Right lane	77	
ORMOND DRIVE	600	700	23/02/2021	100	Left lane	77	
ORMOND DRIVE	600	700	23/02/2021	91	Right lane	78	
ORMOND DRIVE	700	800	23/02/2021	126	Left lane	78	
ORMOND DRIVE	700	800	23/02/2021	132	Right lane	73	
ORMOND DRIVE	800	900	23/02/2021	88	Left lane	82	
ORMOND DRIVE	800	900	23/02/2021	76	Right lane	65	
ORMOND DRIVE	900	1000	23/02/2021	90	Left lane	84	
ORMOND DRIVE	900	1000	23/02/2021	71	Right lane	66	
ORMOND DRIVE	1000	1100	23/02/2021	114	Left lane	86	
ORMOND DRIVE	1000	1100	23/02/2021	71	Right lane	68	
ORMOND DRIVE	1100	1200	23/02/2021	98	Left lane	88	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

ORMOND DRIVE	1100	1200	23/02/2021	91	Right lane	66
ORMOND DRIVE	1200	1300	23/02/2021	137	Left lane	88
ORMOND DRIVE	1200	1300	23/02/2021	59	Right lane	65
ORMOND DRIVE	1300	1400	23/02/2021	109	Left lane	88
ORMOND DRIVE	1300	1400	23/02/2021	69	Right lane	71
ORMOND DRIVE	1400	1500	23/02/2021	93	Left lane	87
ORMOND DRIVE	1400	1500	23/02/2021	62	Right lane	76
ORMOND DRIVE	1500	1600	23/02/2021	154	Left lane	86
ORMOND DRIVE	1500	1600	23/02/2021	80	Right lane	78
ORMOND DRIVE	1600	1700	23/02/2021	55	Left lane	87
ORMOND DRIVE	1600	1700	23/02/2021	60	Right lane	82
ORMOND DRIVE	1700	1800	23/02/2021	85	Left lane	89
ORMOND DRIVE	1700	1800	23/02/2021	80	Right lane	83
ORMOND DRIVE	1800	1900	23/02/2021	72	Left lane	89
ORMOND DRIVE	1800	1900	23/02/2021	69	Right lane	83
ORMOND DRIVE	1900	2000	23/02/2021	81	Left lane	86
ORMOND DRIVE	1900	2000	23/02/2021	61	Right lane	81
ORMOND DRIVE	2000	2100	23/02/2021	83	Left lane	85
ORMOND DRIVE	2000	2100	23/02/2021	71	Right lane	80
ORMOND DRIVE	2100	2200	23/02/2021	79	Left lane	85
ORMOND DRIVE	2100	2200	23/02/2021	72	Right lane	80
ORMOND DRIVE	2200	2300	23/02/2021	78	Left lane	86
ORMOND DRIVE	2200	2300	23/02/2021	69	Right lane	80
ORMOND DRIVE	2300	2400	23/02/2021	87	Left lane	86
ORMOND DRIVE	2300	2400	23/02/2021	65	Right lane	78
ORMOND DRIVE	2400	2500	23/02/2021	94	Left lane	85
ORMOND DRIVE	2400	2500	23/02/2021	70	Right lane	75
ORMOND DRIVE	2500	2600	23/02/2021	87	Left lane	85
ORMOND DRIVE	2500	2600	23/02/2021	98	Right lane	72
ORMOND DRIVE	2600	2700	23/02/2021	91	Left lane	84
ORMOND DRIVE	2600	2700	23/02/2021	82	Right lane	72
ORMOND DRIVE	2700	2800	23/02/2021	106	Left lane	84
ORMOND DRIVE	2700	2800	23/02/2021	88	Right lane	67
ORMOND DRIVE	2800	2900	23/02/2021	93	Left lane	81
ORMOND DRIVE	2800	2900	23/02/2021	90	Right lane	60
ORMOND DRIVE	2900	3000	23/02/2021	111	Left lane	65
ORMOND DRIVE	2900	3000	23/02/2021	91	Right lane	52
ORMOND DRIVE	3000	3100	23/02/2021	88	Left lane	55
ORMOND DRIVE	3000	3100	23/02/2021	98	Right lane	55

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

ORMOND DRIVE	3100	3200	23/02/2021	103	Left lane	55
ORMOND DRIVE	3100	3200	23/02/2021	85	Right lane	55
ORMOND DRIVE	3200	3300	23/02/2021	73	Left lane	56
ORMOND DRIVE	3200	3300	23/02/2021	75	Right lane	53
ORMOND DRIVE	3300	3400	23/02/2021	95	Left lane	56
ORMOND DRIVE	3300	3400	23/02/2021	95	Right lane	54
ORMOND DRIVE	3400	3500	23/02/2021	83	Left lane	57
ORMOND DRIVE	3400	3500	23/02/2021	63	Right lane	58
ORMOND DRIVE	3500	3600	23/02/2021	84	Left lane	62
ORMOND DRIVE	3500	3600	23/02/2021	104	Right lane	58
ORMOND DRIVE	3600	3700	23/02/2021	88	Left lane	59
ORMOND DRIVE	3600	3700	23/02/2021	67	Right lane	56
ORMOND DRIVE	3700	3800	23/02/2021	61	Left lane	57
ORMOND DRIVE	3700	3800	23/02/2021	89	Right lane	53
ORMOND DRIVE	3800	3879	23/02/2021	90	Left lane	54
ORMOND DRIVE	3800	3879	23/02/2021	116	Right lane	35
ORMOND ROAD	0	100	21/02/2021	126	Left lane	31
ORMOND ROAD	0	100	21/02/2021	130	Right lane	40
ORMOND ROAD	100	200	21/02/2021	128	Left lane	43
ORMOND ROAD	100	200	21/02/2021	83	Right lane	51
ORMOND ROAD	200	300	21/02/2021	102	Left lane	45
ORMOND ROAD	200	300	21/02/2021	79	Right lane	53
ORMOND ROAD	300	400	21/02/2021	110	Left lane	45
ORMOND ROAD	300	400	21/02/2021	75	Right lane	54
ORMOND ROAD	400	500	21/02/2021	106	Left lane	49
ORMOND ROAD	400	500	21/02/2021	82	Right lane	54
ORMOND ROAD	500	600	21/02/2021	76	Left lane	53
ORMOND ROAD	500	600	21/02/2021	68	Right lane	52
ORMOND ROAD	600	700	21/02/2021	91	Left lane	49
ORMOND ROAD	600	700	21/02/2021	89	Right lane	48
ORMOND ROAD	700	800	21/02/2021	95	Left lane	46
ORMOND ROAD	700	800	21/02/2021	81	Right lane	45
ORMOND ROAD	800	899	21/02/2021	96	Left lane	46
ORMOND ROAD	800	899	21/02/2021	99	Right lane	39
OSLER STREET	0	100	21/02/2021	154	Left lane	33
OSLER STREET	0	100	21/02/2021	132	Right lane	33
OSLER STREET	100	200	21/02/2021	118	Left lane	39
OSLER STREET	100	200	21/02/2021	118	Right lane	33
OSLER STREET	200	235	21/02/2021	192	Left lane	17

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

OSLER STREET	200	235	21/02/2021	180	Right lane	12
OUTRAM STREET	0	100	23/02/2021	83	Left lane	30
OUTRAM STREET	0	100	23/02/2021	88	Right lane	37
OUTRAM STREET	100	200	23/02/2021	105	Left lane	33
OUTRAM STREET	100	200	23/02/2021	110	Right lane	37
OUTRAM STREET	200	243	23/02/2021	112	Left lane	18
OUTRAM STREET	200	243	23/02/2021	133	Right lane	22
PAEROA STOCK ROAD	0	100	21/02/2021	132	Left lane	31
PAEROA STOCK ROAD	0	100	21/02/2021	125	Right lane	27
PAEROA STOCK ROAD	100	169	21/02/2021	64	Left lane	30
PAEROA STOCK ROAD	100	169	21/02/2021	93	Right lane	27
PAEROA STOCK ROAD	200	300	21/02/2021	100	Left lane	23
PAEROA STOCK ROAD	200	300	21/02/2021	81	Right lane	30
PAEROA STOCK ROAD	300	400	21/02/2021	100	Left lane	34
PAEROA STOCK ROAD	300	400	21/02/2021	102	Right lane	39
PAEROA STOCK ROAD	400	423	21/02/2021	185	Left lane	28
PAEROA STOCK ROAD	400	423	21/02/2021	152	Right lane	9
PAKOWHAI ROAD	0	100	21/02/2021	116	Left lane	37
PAKOWHAI ROAD	0	100	21/02/2021	109	Right lane	44
PAKOWHAI ROAD	100	200	21/02/2021	88	Left lane	49
PAKOWHAI ROAD	100	200	21/02/2021	75	Right lane	53
PAKOWHAI ROAD	200	300	21/02/2021	81	Left lane	48
PAKOWHAI ROAD	200	300	21/02/2021	97	Right lane	52
PAKOWHAI ROAD	300	400	21/02/2021	71	Left lane	51
PAKOWHAI ROAD	300	400	21/02/2021	80	Right lane	52
PAKOWHAI ROAD	400	500	21/02/2021	79	Left lane	55
PAKOWHAI ROAD	400	500	21/02/2021	90	Right lane	54
PAKOWHAI ROAD	500	600	21/02/2021	59	Left lane	56
PAKOWHAI ROAD	500	600	21/02/2021	73	Right lane	52
PAKOWHAI ROAD	600	700	21/02/2021	72	Left lane	55
PAKOWHAI ROAD	600	700	21/02/2021	116	Right lane	50
PAKOWHAI ROAD	700	800	21/02/2021	85	Left lane	53
PAKOWHAI ROAD	700	800	21/02/2021	110	Right lane	48
PAKOWHAI ROAD	800	900	21/02/2021	68	Left lane	51
PAKOWHAI ROAD	800	900	21/02/2021	68	Right lane	45
PAKOWHAI ROAD	900	1000	21/02/2021	104	Left lane	45
PAKOWHAI ROAD	900	1000	21/02/2021	104	Right lane	45
PAKOWHAI ROAD	1000	1067	21/02/2021	164	Left lane	26
PAKOWHAI ROAD	1000	1067	21/02/2021	201	Right lane	28

Project Number 2-Y1300 DM VT121
 Wairoa District Council
 2020 Rfoughness Report

PARAKAWHAI ROAD	0	100	23/02/2021	234	Left lane	28
PARAKAWHAI ROAD	0	100	23/02/2021	163	Right lane	26
PARAKAWHAI ROAD	100	200	23/02/2021	157	Left lane	30
PARAKAWHAI ROAD	100	200	23/02/2021	170	Right lane	33
PARAKAWHAI ROAD	200	300	23/02/2021	84	Left lane	37
PARAKAWHAI ROAD	200	300	23/02/2021	89	Right lane	44
PARAKAWHAI ROAD	300	400	23/02/2021	72	Left lane	55
PARAKAWHAI ROAD	300	400	23/02/2021	73	Right lane	56
PARAKAWHAI ROAD	400	500	23/02/2021	41	Left lane	68
PARAKAWHAI ROAD	400	500	23/02/2021	57	Right lane	68
PARAKAWHAI ROAD	500	600	23/02/2021	66	Left lane	69
PARAKAWHAI ROAD	500	600	23/02/2021	77	Right lane	70
PARAKAWHAI ROAD	600	700	23/02/2021	71	Left lane	71
PARAKAWHAI ROAD	600	700	23/02/2021	81	Right lane	69
PARAKAWHAI ROAD	700	800	23/02/2021	64	Left lane	62
PARAKAWHAI ROAD	700	800	23/02/2021	65	Right lane	69
PARAKAWHAI ROAD	800	900	23/02/2021	57	Left lane	63
PARAKAWHAI ROAD	800	900	23/02/2021	62	Right lane	70
PARAKAWHAI ROAD	900	1000	23/02/2021	81	Left lane	67
PARAKAWHAI ROAD	900	1000	23/02/2021	73	Right lane	68
PARAKAWHAI ROAD	1000	1100	23/02/2021	57	Left lane	72
PARAKAWHAI ROAD	1000	1100	23/02/2021	49	Right lane	66
PARAKAWHAI ROAD	1100	1200	23/02/2021	53	Left lane	72
PARAKAWHAI ROAD	1100	1200	23/02/2021	44	Right lane	68
PARAKAWHAI ROAD	1200	1300	23/02/2021	55	Left lane	68
PARAKAWHAI ROAD	1200	1300	23/02/2021	55	Right lane	68
PARAKAWHAI ROAD	1300	1400	23/02/2021	63	Left lane	73
PARAKAWHAI ROAD	1300	1400	23/02/2021	51	Right lane	67
PARAKAWHAI ROAD	1400	1500	23/02/2021	65	Left lane	74
PARAKAWHAI ROAD	1400	1500	23/02/2021	48	Right lane	68
PARAKAWHAI ROAD	1500	1600	23/02/2021	59	Left lane	72
PARAKAWHAI ROAD	1500	1600	23/02/2021	54	Right lane	69
PARAKAWHAI ROAD	1600	1700	23/02/2021	51	Left lane	72
PARAKAWHAI ROAD	1600	1700	23/02/2021	41	Right lane	69
PARAKAWHAI ROAD	1700	1800	23/02/2021	55	Left lane	75
PARAKAWHAI ROAD	1700	1800	23/02/2021	49	Right lane	66
PARAKAWHAI ROAD	1800	1900	23/02/2021	77	Left lane	72
PARAKAWHAI ROAD	1800	1900	23/02/2021	62	Right lane	63
PARAKAWHAI ROAD	1900	2000	23/02/2021	66	Left lane	71

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PARAKAWHAI ROAD	1900	2000	23/02/2021	51	Right lane	56	
PARAKAWHAI ROAD	2000	2100	23/02/2021	79	Left lane	67	
PARAKAWHAI ROAD	2000	2100	23/02/2021	59	Right lane	51	
PARAKAWHAI ROAD	2100	2200	23/02/2021	62	Left lane	50	
PARAKAWHAI ROAD	2100	2200	23/02/2021	75	Right lane	44	
PARAKAWHAI ROAD	2200	2300	23/02/2021	57	Left lane	50	
PARAKAWHAI ROAD	2200	2300	23/02/2021	60	Right lane	37	
PARAKAWHAI ROAD	2300	2330	23/02/2021	124	Left lane	26	
PARAKAWHAI ROAD	2300	2330	23/02/2021	118	Right lane	14	
PATUNAMU ROAD	2000	2100	22/02/2021	103	Left lane	34	
PATUNAMU ROAD	2000	2100	22/02/2021	92	Right lane	44	
PATUNAMU ROAD	2100	2200	22/02/2021	81	Left lane	60	
PATUNAMU ROAD	2100	2200	22/02/2021	70	Right lane	63	
PATUNAMU ROAD	2200	2300	22/02/2021	79	Left lane	68	
PATUNAMU ROAD	2200	2300	22/02/2021	62	Right lane	67	
PATUNAMU ROAD	2300	2400	22/02/2021	70	Left lane	70	
PATUNAMU ROAD	2300	2400	22/02/2021	62	Right lane	66	
PATUNAMU ROAD	2400	2500	22/02/2021	131	Left lane	66	
PATUNAMU ROAD	2400	2500	22/02/2021	118	Right lane	54	
PATUNAMU ROAD	2500	2551	22/02/2021	120	Left lane	42	
PATUNAMU ROAD	2500	2551	22/02/2021	120	Right lane	28	
PIPI CRESCENT	0	100	23/02/2021	129	Left lane	28	
PIPI CRESCENT	0	100	23/02/2021	144	Right lane	28	
PIPI CRESCENT	100	111	23/02/2021	139	Left lane	16	
PIPI CRESCENT	100	111	23/02/2021	74	Right lane	7	
PIRIPAUA ROAD	0	73	25/02/2021	96	Left lane	30	Post-Survey Added val
PIRIPAUA ROAD	0	73	25/02/2021	96	Right lane	30	Post-Survey Added val
PIRIPAUA VILLAGE ROAD	0	100	22/02/2021	193	Left lane	32	
PIRIPAUA VILLAGE ROAD	0	100	22/02/2021	161	Right lane	30	
PIRIPAUA VILLAGE ROAD	100	200	22/02/2021	202	Left lane	29	
PIRIPAUA VILLAGE ROAD	100	200	22/02/2021	183	Right lane	28	
PIRIPAUA VILLAGE ROAD	200	300	22/02/2021	222	Left lane	25	
PIRIPAUA VILLAGE ROAD	200	300	22/02/2021	239	Right lane	27	
PIRIPAUA VILLAGE ROAD	300	400	22/02/2021	149	Left lane	26	
PIRIPAUA VILLAGE ROAD	300	400	22/02/2021	151	Right lane	29	
PIRIPAUA VILLAGE ROAD	400	500	22/02/2021	171	Left lane	29	
PIRIPAUA VILLAGE ROAD	400	500	22/02/2021	160	Right lane	26	
PIRIPAUA VILLAGE ROAD	500	509	22/02/2021	139	Left lane	10	
PIRIPAUA VILLAGE ROAD	500	509	22/02/2021	210	Right lane	7	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

POHUTUKAWA DRIVE	0	100	23/02/2021	93	Left lane	33	
POHUTUKAWA DRIVE	0	100	23/02/2021	82	Right lane	37	
POHUTUKAWA DRIVE	100	200	23/02/2021	90	Left lane	48	
POHUTUKAWA DRIVE	100	200	23/02/2021	73	Right lane	47	
POHUTUKAWA DRIVE	200	300	23/02/2021	81	Left lane	47	
POHUTUKAWA DRIVE	200	300	23/02/2021	76	Right lane	36	
POHUTUKAWA DRIVE	300	316	23/02/2021	94	Left lane	25	
POHUTUKAWA DRIVE	300	316	23/02/2021	135	Right lane	9	
POMANA ROAD	100	200	22/02/2021	111	Left lane	29	
POMANA ROAD	100	200	22/02/2021	116	Right lane	34	
POMANA ROAD	200	236	22/02/2021	146	Left lane	28	
POMANA ROAD	200	236	22/02/2021	148	Right lane	25	
PUKA PLACE	0	100	23/02/2021	85	Left lane	32	
PUKA PLACE	0	100	23/02/2021	92	Right lane	30	
PUKA PLACE	100	162	23/02/2021	117	Left lane	22	
PUKA PLACE	100	162	23/02/2021	137	Right lane	18	
PUKEKO PLACE	0	80	25/02/2021	96	Left lane	30	Post-Survey Added val
PUKEKO PLACE	0	80	25/02/2021	96	Right lane	30	Post-Survey Added val
PUKENUI DRIVE	0	100	23/02/2021	99	Left lane	39	
PUKENUI DRIVE	0	100	23/02/2021	94	Right lane	44	
PUKENUI DRIVE	100	200	23/02/2021	64	Left lane	54	
PUKENUI DRIVE	100	200	23/02/2021	90	Right lane	51	
PUKENUI DRIVE	200	300	23/02/2021	68	Left lane	57	
PUKENUI DRIVE	200	300	23/02/2021	78	Right lane	50	
PUKENUI DRIVE	300	400	23/02/2021	56	Left lane	56	
PUKENUI DRIVE	300	400	23/02/2021	68	Right lane	46	
PUKENUI DRIVE	400	469	23/02/2021	67	Left lane	41	
PUKENUI DRIVE	400	469	23/02/2021	78	Right lane	27	
PUTERE ROAD	0	100	24/02/2021	141	Left lane	30	Railway crossing
PUTERE ROAD	0	100	24/02/2021	183	Right lane	34	
PUTERE ROAD	100	200	24/02/2021	78	Left lane	51	
PUTERE ROAD	100	200	24/02/2021	58	Right lane	51	
PUTERE ROAD	200	300	24/02/2021	128	Left lane	43	
PUTERE ROAD	200	300	24/02/2021	114	Right lane	41	
PUTERE ROAD	300	400	24/02/2021	82	Left lane	48	
PUTERE ROAD	300	400	24/02/2021	114	Right lane	50	
PUTERE ROAD	400	500	24/02/2021	83	Left lane	53	
PUTERE ROAD	400	500	24/02/2021	78	Right lane	52	
PUTERE ROAD	500	600	24/02/2021	75	Left lane	50	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	500	600	24/02/2021	89	Right lane	51
PUTERE ROAD	600	700	24/02/2021	83	Left lane	51
PUTERE ROAD	600	700	24/02/2021	88	Right lane	53
PUTERE ROAD	700	800	24/02/2021	67	Left lane	51
PUTERE ROAD	700	800	24/02/2021	92	Right lane	55
PUTERE ROAD	800	900	24/02/2021	40	Left lane	60
PUTERE ROAD	800	900	24/02/2021	61	Right lane	54
PUTERE ROAD	900	1000	24/02/2021	49	Left lane	70
PUTERE ROAD	900	1000	24/02/2021	60	Right lane	57
PUTERE ROAD	1000	1100	24/02/2021	57	Left lane	78
PUTERE ROAD	1000	1100	24/02/2021	78	Right lane	74
PUTERE ROAD	1100	1200	24/02/2021	51	Left lane	80
PUTERE ROAD	1100	1200	24/02/2021	69	Right lane	86
PUTERE ROAD	1200	1300	24/02/2021	66	Left lane	82
PUTERE ROAD	1200	1300	24/02/2021	115	Right lane	90
PUTERE ROAD	1300	1400	24/02/2021	69	Left lane	84
PUTERE ROAD	1300	1400	24/02/2021	98	Right lane	89
PUTERE ROAD	1400	1500	24/02/2021	93	Left lane	85
PUTERE ROAD	1400	1500	24/02/2021	150	Right lane	90
PUTERE ROAD	1500	1600	24/02/2021	70	Left lane	84
PUTERE ROAD	1500	1600	24/02/2021	128	Right lane	90
PUTERE ROAD	1600	1700	24/02/2021	40	Left lane	84
PUTERE ROAD	1600	1700	24/02/2021	123	Right lane	90
PUTERE ROAD	1700	1800	24/02/2021	58	Left lane	86
PUTERE ROAD	1700	1800	24/02/2021	111	Right lane	88
PUTERE ROAD	1800	1900	24/02/2021	88	Left lane	89
PUTERE ROAD	1800	1900	24/02/2021	85	Right lane	86
PUTERE ROAD	1900	2000	24/02/2021	99	Left lane	88
PUTERE ROAD	1900	2000	24/02/2021	57	Right lane	86
PUTERE ROAD	2000	2100	24/02/2021	117	Left lane	83
PUTERE ROAD	2000	2100	24/02/2021	65	Right lane	76
PUTERE ROAD	2100	2200	24/02/2021	116	Left lane	71
PUTERE ROAD	2100	2200	24/02/2021	114	Right lane	67
PUTERE ROAD	2200	2300	24/02/2021	78	Left lane	59
PUTERE ROAD	2200	2300	24/02/2021	168	Right lane	63
PUTERE ROAD	2300	2400	24/02/2021	62	Left lane	66
PUTERE ROAD	2300	2400	24/02/2021	118	Right lane	79
PUTERE ROAD	2400	2500	24/02/2021	89	Left lane	76
PUTERE ROAD	2400	2500	24/02/2021	136	Right lane	82

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	2500	2600	24/02/2021	173	Left lane	79
PUTERE ROAD	2500	2600	24/02/2021	138	Right lane	83
PUTERE ROAD	2600	2700	24/02/2021	111	Left lane	75
PUTERE ROAD	2600	2700	24/02/2021	104	Right lane	75
PUTERE ROAD	2700	2800	24/02/2021	78	Left lane	63
PUTERE ROAD	2700	2800	24/02/2021	128	Right lane	70
PUTERE ROAD	2800	2900	24/02/2021	82	Left lane	69
PUTERE ROAD	2800	2900	24/02/2021	130	Right lane	79
PUTERE ROAD	2900	3000	24/02/2021	94	Left lane	78
PUTERE ROAD	2900	3000	24/02/2021	88	Right lane	82
PUTERE ROAD	3000	3100	24/02/2021	71	Left lane	70
PUTERE ROAD	3000	3100	24/02/2021	123	Right lane	74
PUTERE ROAD	3100	3200	24/02/2021	58	Left lane	68
PUTERE ROAD	3100	3200	24/02/2021	61	Right lane	76
PUTERE ROAD	3200	3300	24/02/2021	69	Left lane	73
PUTERE ROAD	3200	3300	24/02/2021	70	Right lane	77
PUTERE ROAD	3300	3400	24/02/2021	77	Left lane	72
PUTERE ROAD	3300	3400	24/02/2021	87	Right lane	71
PUTERE ROAD	3400	3500	24/02/2021	130	Left lane	70
PUTERE ROAD	3400	3500	24/02/2021	140	Right lane	69
PUTERE ROAD	3500	3600	24/02/2021	58	Left lane	70
PUTERE ROAD	3500	3600	24/02/2021	100	Right lane	75
PUTERE ROAD	3600	3700	24/02/2021	66	Left lane	60
PUTERE ROAD	3600	3700	24/02/2021	107	Right lane	68
PUTERE ROAD	3700	3800	24/02/2021	69	Left lane	65
PUTERE ROAD	3700	3800	24/02/2021	94	Right lane	76
PUTERE ROAD	3800	3900	24/02/2021	72	Left lane	66
PUTERE ROAD	3800	3900	24/02/2021	118	Right lane	75
PUTERE ROAD	3900	4000	24/02/2021	52	Left lane	61
PUTERE ROAD	3900	4000	24/02/2021	91	Right lane	73
PUTERE ROAD	4000	4100	24/02/2021	90	Left lane	60
PUTERE ROAD	4000	4100	24/02/2021	103	Right lane	67
PUTERE ROAD	4100	4200	24/02/2021	75	Left lane	65
PUTERE ROAD	4100	4200	24/02/2021	100	Right lane	70
PUTERE ROAD	4200	4300	24/02/2021	55	Left lane	66
PUTERE ROAD	4200	4300	24/02/2021	96	Right lane	79
PUTERE ROAD	4300	4400	24/02/2021	59	Left lane	69
PUTERE ROAD	4300	4400	24/02/2021	55	Right lane	88
PUTERE ROAD	4400	4500	24/02/2021	75	Left lane	66

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	4400	4500	24/02/2021	72	Right lane	83	
PUTERE ROAD	4500	4600	24/02/2021	54	Left lane	64	
PUTERE ROAD	4500	4600	24/02/2021	73	Right lane	74	
PUTERE ROAD	4600	4700	24/02/2021	132	Left lane	59	
PUTERE ROAD	4600	4700	24/02/2021	98	Right lane	72	
PUTERE ROAD	4700	4800	24/02/2021	78	Left lane	60	
PUTERE ROAD	4700	4800	24/02/2021	81	Right lane	73	
PUTERE ROAD	4800	4900	24/02/2021	75	Left lane	65	
PUTERE ROAD	4800	4900	24/02/2021	106	Right lane	76	
PUTERE ROAD	4900	5000	24/02/2021	62	Left lane	70	
PUTERE ROAD	4900	5000	24/02/2021	77	Right lane	75	
PUTERE ROAD	5000	5100	24/02/2021	70	Left lane	66	
PUTERE ROAD	5000	5100	24/02/2021	80	Right lane	69	
PUTERE ROAD	5100	5200	24/02/2021	110	Left lane	54	BRIDGE Abutment end (Both)
PUTERE ROAD	5100	5200	24/02/2021	159	Right lane	51	
PUTERE ROAD	5200	5300	24/02/2021	116	Left lane	48	BRIDGE Abutment end (Both)
PUTERE ROAD	5200	5300	24/02/2021	116	Right lane	59	
PUTERE ROAD	5300	5400	24/02/2021	71	Left lane	60	
PUTERE ROAD	5300	5400	24/02/2021	68	Right lane	72	
PUTERE ROAD	5400	5500	24/02/2021	64	Left lane	65	
PUTERE ROAD	5400	5500	24/02/2021	70	Right lane	74	
PUTERE ROAD	5500	5600	24/02/2021	91	Left lane	60	
PUTERE ROAD	5500	5600	24/02/2021	70	Right lane	66	
PUTERE ROAD	5600	5700	24/02/2021	81	Left lane	54	
PUTERE ROAD	5600	5700	24/02/2021	72	Right lane	78	
PUTERE ROAD	5700	5800	24/02/2021	62	Left lane	55	
PUTERE ROAD	5700	5800	24/02/2021	96	Right lane	84	
PUTERE ROAD	5800	5900	24/02/2021	57	Left lane	64	
PUTERE ROAD	5800	5900	24/02/2021	60	Right lane	81	
PUTERE ROAD	5900	6000	24/02/2021	45	Left lane	68	
PUTERE ROAD	5900	6000	24/02/2021	95	Right lane	75	
PUTERE ROAD	6000	6100	24/02/2021	98	Left lane	56	
PUTERE ROAD	6000	6100	24/02/2021	146	Right lane	59	
PUTERE ROAD	6100	6200	24/02/2021	67	Left lane	59	
PUTERE ROAD	6100	6200	24/02/2021	98	Right lane	67	
PUTERE ROAD	6200	6300	24/02/2021	82	Left lane	70	
PUTERE ROAD	6200	6300	24/02/2021	85	Right lane	72	
PUTERE ROAD	6300	6400	24/02/2021	67	Left lane	73	
PUTERE ROAD	6300	6400	24/02/2021	86	Right lane	61	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	6400	6500	24/02/2021	101	Left lane	67
PUTERE ROAD	6400	6500	24/02/2021	109	Right lane	41
PUTERE ROAD	6500	6600	24/02/2021	95	Left lane	55
PUTERE ROAD	6500	6600	24/02/2021	138	Right lane	52
PUTERE ROAD	6600	6700	24/02/2021	97	Left lane	53
PUTERE ROAD	6600	6700	24/02/2021	75	Right lane	60
PUTERE ROAD	6700	6800	24/02/2021	75	Left lane	52
PUTERE ROAD	6700	6800	24/02/2021	98	Right lane	59
PUTERE ROAD	6800	6900	24/02/2021	81	Left lane	55
PUTERE ROAD	6800	6900	24/02/2021	169	Right lane	69
PUTERE ROAD	6900	7000	24/02/2021	90	Left lane	52
PUTERE ROAD	6900	7000	24/02/2021	123	Right lane	67
PUTERE ROAD	7000	7100	24/02/2021	113	Left lane	51
PUTERE ROAD	7000	7100	24/02/2021	138	Right lane	57
PUTERE ROAD	7100	7200	24/02/2021	90	Left lane	54
PUTERE ROAD	7100	7200	24/02/2021	82	Right lane	57
PUTERE ROAD	7200	7300	24/02/2021	113	Left lane	53
PUTERE ROAD	7200	7300	24/02/2021	103	Right lane	58
PUTERE ROAD	7300	7400	24/02/2021	137	Left lane	56
PUTERE ROAD	7300	7400	24/02/2021	87	Right lane	61
PUTERE ROAD	7400	7500	24/02/2021	84	Left lane	56
PUTERE ROAD	7400	7500	24/02/2021	79	Right lane	57
PUTERE ROAD	7500	7600	24/02/2021	81	Left lane	55
PUTERE ROAD	7500	7600	24/02/2021	194	Right lane	53
PUTERE ROAD	7600	7700	24/02/2021	92	Left lane	49
PUTERE ROAD	7600	7700	24/02/2021	137	Right lane	51
PUTERE ROAD	7700	7800	24/02/2021	69	Left lane	56
PUTERE ROAD	7700	7800	24/02/2021	83	Right lane	64
PUTERE ROAD	7800	7900	24/02/2021	90	Left lane	58
PUTERE ROAD	7800	7900	24/02/2021	136	Right lane	68
PUTERE ROAD	7900	8000	24/02/2021	87	Left lane	63
PUTERE ROAD	7900	8000	24/02/2021	110	Right lane	71
PUTERE ROAD	8000	8100	24/02/2021	83	Left lane	62
PUTERE ROAD	8000	8100	24/02/2021	87	Right lane	65
PUTERE ROAD	8100	8200	24/02/2021	86	Left lane	62
PUTERE ROAD	8100	8200	24/02/2021	99	Right lane	66
PUTERE ROAD	8200	8300	24/02/2021	111	Left lane	59
PUTERE ROAD	8200	8300	24/02/2021	96	Right lane	56
PUTERE ROAD	8300	8400	24/02/2021	104	Left lane	52

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	8300	8400	24/02/2021	94	Right lane	62
PUTERE ROAD	8400	8500	24/02/2021	116	Left lane	56
PUTERE ROAD	8400	8500	24/02/2021	136	Right lane	56
PUTERE ROAD	8500	8600	24/02/2021	96	Left lane	50
PUTERE ROAD	8500	8600	24/02/2021	160	Right lane	49
PUTERE ROAD	8600	8700	24/02/2021	135	Left lane	46
PUTERE ROAD	8600	8700	24/02/2021	121	Right lane	62
PUTERE ROAD	8700	8800	24/02/2021	64	Left lane	56
PUTERE ROAD	8700	8800	24/02/2021	134	Right lane	74
PUTERE ROAD	8800	8900	24/02/2021	69	Left lane	65
PUTERE ROAD	8800	8900	24/02/2021	88	Right lane	79
PUTERE ROAD	8900	9000	24/02/2021	80	Left lane	66
PUTERE ROAD	8900	9000	24/02/2021	80	Right lane	79
PUTERE ROAD	9000	9100	24/02/2021	79	Left lane	62
PUTERE ROAD	9000	9100	24/02/2021	80	Right lane	68
PUTERE ROAD	9100	9200	24/02/2021	114	Left lane	66
PUTERE ROAD	9100	9200	24/02/2021	101	Right lane	71
PUTERE ROAD	9200	9300	24/02/2021	64	Left lane	72
PUTERE ROAD	9200	9300	24/02/2021	69	Right lane	77
PUTERE ROAD	9300	9400	24/02/2021	79	Left lane	61
PUTERE ROAD	9300	9400	24/02/2021	75	Right lane	54
PUTERE ROAD	9400	9500	24/02/2021	119	Left lane	56
PUTERE ROAD	9400	9500	24/02/2021	77	Right lane	53
PUTERE ROAD	9500	9600	24/02/2021	83	Left lane	59
PUTERE ROAD	9500	9600	24/02/2021	111	Right lane	58
PUTERE ROAD	9600	9700	24/02/2021	79	Left lane	68
PUTERE ROAD	9600	9700	24/02/2021	91	Right lane	79
PUTERE ROAD	9700	9800	24/02/2021	103	Left lane	64
PUTERE ROAD	9700	9800	24/02/2021	97	Right lane	71
PUTERE ROAD	9800	9900	24/02/2021	84	Left lane	52
PUTERE ROAD	9800	9900	24/02/2021	87	Right lane	70
PUTERE ROAD	9900	10000	24/02/2021	88	Left lane	58
PUTERE ROAD	9900	10000	24/02/2021	74	Right lane	68
PUTERE ROAD	10000	10100	24/02/2021	97	Left lane	55
PUTERE ROAD	10000	10100	24/02/2021	73	Right lane	66
PUTERE ROAD	10100	10200	24/02/2021	85	Left lane	62
PUTERE ROAD	10100	10200	24/02/2021	78	Right lane	73
PUTERE ROAD	10200	10300	24/02/2021	71	Left lane	64
PUTERE ROAD	10200	10300	24/02/2021	58	Right lane	66

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	10300	10400	24/02/2021	85	Left lane	59
PUTERE ROAD	10300	10400	24/02/2021	77	Right lane	59
PUTERE ROAD	10400	10500	24/02/2021	79	Left lane	53
PUTERE ROAD	10400	10500	24/02/2021	83	Right lane	54
PUTERE ROAD	10500	10600	24/02/2021	92	Left lane	51
PUTERE ROAD	10500	10600	24/02/2021	115	Right lane	49
PUTERE ROAD	10600	10700	24/02/2021	78	Left lane	55
PUTERE ROAD	10600	10700	24/02/2021	99	Right lane	65
PUTERE ROAD	10700	10800	24/02/2021	85	Left lane	52
PUTERE ROAD	10700	10800	24/02/2021	81	Right lane	60
PUTERE ROAD	10800	10900	24/02/2021	82	Left lane	51
PUTERE ROAD	10800	10900	24/02/2021	99	Right lane	66
PUTERE ROAD	10900	11000	24/02/2021	83	Left lane	45
PUTERE ROAD	10900	11000	24/02/2021	130	Right lane	66
PUTERE ROAD	11000	11100	24/02/2021	81	Left lane	42
PUTERE ROAD	11000	11100	24/02/2021	97	Right lane	56
PUTERE ROAD	11100	11200	24/02/2021	105	Left lane	46
PUTERE ROAD	11100	11200	24/02/2021	88	Right lane	46
PUTERE ROAD	11200	11300	24/02/2021	103	Left lane	49
PUTERE ROAD	11200	11300	24/02/2021	111	Right lane	47
PUTERE ROAD	11300	11400	24/02/2021	89	Left lane	45
PUTERE ROAD	11300	11400	24/02/2021	119	Right lane	45
PUTERE ROAD	11400	11500	24/02/2021	97	Left lane	50
PUTERE ROAD	11400	11500	24/02/2021	129	Right lane	57
PUTERE ROAD	11500	11600	24/02/2021	95	Left lane	55
PUTERE ROAD	11500	11600	24/02/2021	81	Right lane	59
PUTERE ROAD	11600	11700	24/02/2021	87	Left lane	62
PUTERE ROAD	11600	11700	24/02/2021	147	Right lane	69
PUTERE ROAD	11700	11800	24/02/2021	78	Left lane	65
PUTERE ROAD	11700	11800	24/02/2021	79	Right lane	63
PUTERE ROAD	11800	11900	24/02/2021	122	Left lane	57
PUTERE ROAD	11800	11900	24/02/2021	106	Right lane	58
PUTERE ROAD	11900	12000	24/02/2021	68	Left lane	60
PUTERE ROAD	11900	12000	24/02/2021	118	Right lane	44
PUTERE ROAD	12000	12100	24/02/2021	84	Left lane	52
PUTERE ROAD	12000	12100	24/02/2021	90	Right lane	50
PUTERE ROAD	12100	12200	24/02/2021	114	Left lane	52
PUTERE ROAD	12100	12200	24/02/2021	131	Right lane	52
PUTERE ROAD	12200	12300	24/02/2021	100	Left lane	52

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	12200	12300	24/02/2021	96	Right lane	62
PUTERE ROAD	12300	12400	24/02/2021	78	Left lane	58
PUTERE ROAD	12300	12400	24/02/2021	73	Right lane	59
PUTERE ROAD	12400	12500	24/02/2021	74	Left lane	54
PUTERE ROAD	12400	12500	24/02/2021	82	Right lane	57
PUTERE ROAD	12500	12600	24/02/2021	100	Left lane	55
PUTERE ROAD	12500	12600	24/02/2021	140	Right lane	52
PUTERE ROAD	12600	12700	24/02/2021	86	Left lane	54
PUTERE ROAD	12600	12700	24/02/2021	113	Right lane	58
PUTERE ROAD	12700	12800	24/02/2021	99	Left lane	60
PUTERE ROAD	12700	12800	24/02/2021	110	Right lane	53
PUTERE ROAD	12800	12900	24/02/2021	70	Left lane	53
PUTERE ROAD	12800	12900	24/02/2021	129	Right lane	53
PUTERE ROAD	12900	13000	24/02/2021	78	Left lane	60
PUTERE ROAD	12900	13000	24/02/2021	157	Right lane	57
PUTERE ROAD	13000	13100	24/02/2021	70	Left lane	63
PUTERE ROAD	13000	13100	24/02/2021	76	Right lane	59
PUTERE ROAD	13100	13200	24/02/2021	92	Left lane	60
PUTERE ROAD	13100	13200	24/02/2021	63	Right lane	59
PUTERE ROAD	13200	13300	24/02/2021	82	Left lane	53
PUTERE ROAD	13200	13300	24/02/2021	109	Right lane	62
PUTERE ROAD	13300	13400	24/02/2021	83	Left lane	62
PUTERE ROAD	13300	13400	24/02/2021	114	Right lane	67
PUTERE ROAD	13400	13500	24/02/2021	97	Left lane	58
PUTERE ROAD	13400	13500	24/02/2021	99	Right lane	58
PUTERE ROAD	13500	13600	24/02/2021	71	Left lane	62
PUTERE ROAD	13500	13600	24/02/2021	117	Right lane	51
PUTERE ROAD	13600	13700	24/02/2021	115	Left lane	49
PUTERE ROAD	13600	13700	24/02/2021	117	Right lane	44
PUTERE ROAD	13700	13800	24/02/2021	126	Left lane	41
PUTERE ROAD	13700	13800	24/02/2021	152	Right lane	45
PUTERE ROAD	13800	13900	24/02/2021	97	Left lane	48
PUTERE ROAD	13800	13900	24/02/2021	99	Right lane	54
PUTERE ROAD	13900	14000	24/02/2021	72	Left lane	53
PUTERE ROAD	13900	14000	24/02/2021	103	Right lane	50
PUTERE ROAD	14000	14100	24/02/2021	128	Left lane	43
PUTERE ROAD	14000	14100	24/02/2021	134	Right lane	42
PUTERE ROAD	14100	14200	24/02/2021	77	Left lane	42
PUTERE ROAD	14100	14200	24/02/2021	106	Right lane	39

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	14200	14300	24/02/2021	144	Left lane	42
PUTERE ROAD	14200	14300	24/02/2021	116	Right lane	49
PUTERE ROAD	14300	14400	24/02/2021	90	Left lane	53
PUTERE ROAD	14300	14400	24/02/2021	95	Right lane	56
PUTERE ROAD	14400	14500	24/02/2021	119	Left lane	55
PUTERE ROAD	14400	14500	24/02/2021	101	Right lane	58
PUTERE ROAD	14500	14600	24/02/2021	134	Left lane	51
PUTERE ROAD	14500	14600	24/02/2021	121	Right lane	50
PUTERE ROAD	14600	14700	24/02/2021	104	Left lane	52
PUTERE ROAD	14600	14700	24/02/2021	84	Right lane	45
PUTERE ROAD	14700	14800	24/02/2021	143	Left lane	41
PUTERE ROAD	14700	14800	24/02/2021	110	Right lane	44
PUTERE ROAD	14800	14900	24/02/2021	80	Left lane	49
PUTERE ROAD	14800	14900	24/02/2021	134	Right lane	58
PUTERE ROAD	14900	15000	24/02/2021	94	Left lane	57
PUTERE ROAD	14900	15000	24/02/2021	152	Right lane	57
PUTERE ROAD	15000	15100	24/02/2021	93	Left lane	61
PUTERE ROAD	15000	15100	24/02/2021	111	Right lane	53
PUTERE ROAD	15100	15200	24/02/2021	99	Left lane	52
PUTERE ROAD	15100	15200	24/02/2021	120	Right lane	52
PUTERE ROAD	15200	15300	24/02/2021	83	Left lane	58
PUTERE ROAD	15200	15300	24/02/2021	94	Right lane	62
PUTERE ROAD	15300	15400	24/02/2021	78	Left lane	61
PUTERE ROAD	15300	15400	24/02/2021	84	Right lane	61
PUTERE ROAD	15400	15500	24/02/2021	66	Left lane	61
PUTERE ROAD	15400	15500	24/02/2021	88	Right lane	54
PUTERE ROAD	15500	15600	24/02/2021	61	Left lane	52
PUTERE ROAD	15500	15600	24/02/2021	78	Right lane	52
PUTERE ROAD	15600	15700	24/02/2021	92	Left lane	54
PUTERE ROAD	15600	15700	24/02/2021	129	Right lane	67
PUTERE ROAD	15700	15800	24/02/2021	71	Left lane	61
PUTERE ROAD	15700	15800	24/02/2021	123	Right lane	63
PUTERE ROAD	15800	15900	24/02/2021	106	Left lane	57
PUTERE ROAD	15800	15900	24/02/2021	94	Right lane	61
PUTERE ROAD	15900	16000	24/02/2021	100	Left lane	60
PUTERE ROAD	15900	16000	24/02/2021	102	Right lane	61
PUTERE ROAD	16000	16100	24/02/2021	89	Left lane	64
PUTERE ROAD	16000	16100	24/02/2021	96	Right lane	63
PUTERE ROAD	16100	16200	24/02/2021	106	Left lane	61

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	16100	16200	24/02/2021	114	Right lane	50
PUTERE ROAD	16200	16300	24/02/2021	104	Left lane	49
PUTERE ROAD	16200	16300	24/02/2021	127	Right lane	46
PUTERE ROAD	16300	16400	24/02/2021	111	Left lane	53
PUTERE ROAD	16300	16400	24/02/2021	106	Right lane	49
PUTERE ROAD	16400	16500	24/02/2021	89	Left lane	53
PUTERE ROAD	16400	16500	24/02/2021	98	Right lane	49
PUTERE ROAD	16500	16600	24/02/2021	120	Left lane	43
PUTERE ROAD	16500	16600	24/02/2021	152	Right lane	32
PUTERE ROAD	16600	16700	24/02/2021	103	Left lane	37
PUTERE ROAD	16600	16700	24/02/2021	113	Right lane	39
PUTERE ROAD	16700	16800	24/02/2021	87	Left lane	45
PUTERE ROAD	16700	16800	24/02/2021	88	Right lane	53
PUTERE ROAD	16800	16900	24/02/2021	123	Left lane	43
PUTERE ROAD	16800	16900	24/02/2021	114	Right lane	42
PUTERE ROAD	16900	17000	24/02/2021	68	Left lane	47
PUTERE ROAD	16900	17000	24/02/2021	95	Right lane	51
PUTERE ROAD	17000	17100	24/02/2021	84	Left lane	53
PUTERE ROAD	17000	17100	24/02/2021	94	Right lane	43
PUTERE ROAD	17100	17200	24/02/2021	149	Left lane	40
PUTERE ROAD	17100	17200	24/02/2021	108	Right lane	41
PUTERE ROAD	17200	17300	24/02/2021	106	Left lane	44
PUTERE ROAD	17200	17300	24/02/2021	104	Right lane	40
PUTERE ROAD	17300	17400	24/02/2021	83	Left lane	45
PUTERE ROAD	17300	17400	24/02/2021	108	Right lane	39
PUTERE ROAD	17400	17500	24/02/2021	129	Left lane	37
PUTERE ROAD	17400	17500	24/02/2021	132	Right lane	33
PUTERE ROAD	17500	17600	24/02/2021	133	Left lane	38
PUTERE ROAD	17500	17600	24/02/2021	126	Right lane	36
PUTERE ROAD	17600	17700	24/02/2021	140	Left lane	36
PUTERE ROAD	17600	17700	24/02/2021	113	Right lane	33
PUTERE ROAD	17700	17800	24/02/2021	168	Left lane	34
PUTERE ROAD	17700	17800	24/02/2021	199	Right lane	28
PUTERE ROAD	17800	17900	24/02/2021	100	Left lane	38
PUTERE ROAD	17800	17900	24/02/2021	129	Right lane	36
PUTERE ROAD	17900	18000	24/02/2021	100	Left lane	44
PUTERE ROAD	17900	18000	24/02/2021	111	Right lane	41
PUTERE ROAD	18000	18100	24/02/2021	100	Left lane	49
PUTERE ROAD	18000	18100	24/02/2021	104	Right lane	45

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	18100	18200	24/02/2021	89	Left lane	60
PUTERE ROAD	18100	18200	24/02/2021	85	Right lane	52
PUTERE ROAD	18200	18300	24/02/2021	73	Left lane	67
PUTERE ROAD	18200	18300	24/02/2021	73	Right lane	59
PUTERE ROAD	18300	18400	24/02/2021	83	Left lane	70
PUTERE ROAD	18300	18400	24/02/2021	85	Right lane	59
PUTERE ROAD	18400	18500	24/02/2021	86	Left lane	57
PUTERE ROAD	18400	18500	24/02/2021	92	Right lane	54
PUTERE ROAD	18500	18600	24/02/2021	82	Left lane	49
PUTERE ROAD	18500	18600	24/02/2021	98	Right lane	38
PUTERE ROAD	18600	18700	24/02/2021	139	Left lane	38
PUTERE ROAD	18600	18700	24/02/2021	141	Right lane	33
PUTERE ROAD	18700	18800	24/02/2021	142	Left lane	39
PUTERE ROAD	18700	18800	24/02/2021	69	Right lane	34
PUTERE ROAD	18800	18900	24/02/2021	119	Left lane	38
PUTERE ROAD	18800	18900	24/02/2021	95	Right lane	35
PUTERE ROAD	18900	19000	24/02/2021	83	Left lane	44
PUTERE ROAD	18900	19000	24/02/2021	81	Right lane	41
PUTERE ROAD	19000	19100	24/02/2021	67	Left lane	51
PUTERE ROAD	19000	19100	24/02/2021	69	Right lane	48
PUTERE ROAD	19100	19200	24/02/2021	66	Left lane	39
PUTERE ROAD	19100	19200	24/02/2021	57	Right lane	33
PUTERE ROAD	19200	19300	24/02/2021	110	Left lane	42
PUTERE ROAD	19200	19300	24/02/2021	119	Right lane	32
PUTERE ROAD	19300	19400	24/02/2021	134	Left lane	26
PUTERE ROAD	19300	19400	24/02/2021	78	Right lane	31
PUTERE ROAD	19400	19500	24/02/2021	160	Left lane	20
PUTERE ROAD	19400	19500	24/02/2021	101	Right lane	40
PUTERE ROAD	19500	19600	24/02/2021	68	Left lane	34
PUTERE ROAD	19500	19600	24/02/2021	79	Right lane	29
PUTERE ROAD	19600	19700	24/02/2021	69	Left lane	37
PUTERE ROAD	19600	19700	24/02/2021	88	Right lane	44
PUTERE ROAD	19700	19800	24/02/2021	60	Left lane	31
PUTERE ROAD	19700	19800	24/02/2021	68	Right lane	33
PUTERE ROAD	19800	19900	24/02/2021	93	Left lane	34
PUTERE ROAD	19800	19900	24/02/2021	127	Right lane	32
PUTERE ROAD	19900	20000	24/02/2021	70	Left lane	39
PUTERE ROAD	19900	20000	24/02/2021	72	Right lane	45
PUTERE ROAD	20000	20100	24/02/2021	68	Left lane	35

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	20000	20100	24/02/2021	75	Right lane	38	
PUTERE ROAD	20100	20200	24/02/2021	87	Left lane	35	
PUTERE ROAD	20100	20200	24/02/2021	87	Right lane	32	
PUTERE ROAD	20200	20261	24/02/2021	159	Left lane	27	
PUTERE ROAD	20200	20261	24/02/2021	189	Right lane	19	
PUTERE ROAD	21200	21300	24/02/2021	134	Left lane	26	
PUTERE ROAD	21200	21300	24/02/2021	127	Right lane	30	
PUTERE ROAD	21300	21400	24/02/2021	127	Left lane	39	
PUTERE ROAD	21300	21400	24/02/2021	140	Right lane	42	
PUTERE ROAD	21400	21500	24/02/2021	108	Left lane	31	
PUTERE ROAD	21400	21500	24/02/2021	110	Right lane	32	
PUTERE ROAD	21500	21511	24/02/2021	147	Left lane	26	
PUTERE ROAD	21500	21511	24/02/2021	186	Right lane	19	
PUTERE ROAD	21900	22000	24/02/2021	240	Left lane	28	
PUTERE ROAD	21900	22000	24/02/2021	334	Right lane	25	
PUTERE ROAD	22000	22100	24/02/2021	207	Left lane	31	BRIDGE Abutment enc (Both)
PUTERE ROAD	22000	22100	24/02/2021	219	Right lane	31	
PUTERE ROAD	22100	22200	24/02/2021	142	Left lane	23	
PUTERE ROAD	22100	22200	24/02/2021	119	Right lane	35	
PUTERE ROAD	22200	22300	24/02/2021	135	Left lane	32	
PUTERE ROAD	22200	22300	24/02/2021	122	Right lane	34	
PUTERE ROAD	22300	22400	24/02/2021	104	Left lane	40	
PUTERE ROAD	22300	22400	24/02/2021	130	Right lane	40	
PUTERE ROAD	22400	22500	24/02/2021	153	Left lane	36	
PUTERE ROAD	22400	22500	24/02/2021	128	Right lane	34	
PUTERE ROAD	22500	22600	24/02/2021	140	Left lane	43	
PUTERE ROAD	22500	22600	24/02/2021	126	Right lane	41	
PUTERE ROAD	22600	22700	24/02/2021	113	Left lane	42	
PUTERE ROAD	22600	22700	24/02/2021	106	Right lane	40	
PUTERE ROAD	22700	22800	24/02/2021	87	Left lane	47	
PUTERE ROAD	22700	22800	24/02/2021	91	Right lane	41	
PUTERE ROAD	22800	22846	24/02/2021	117	Left lane	33	
PUTERE ROAD	22800	22846	24/02/2021	153	Right lane	28	
QUEEN STREET	0	100	23/02/2021	96	Left lane	31	
QUEEN STREET	0	100	23/02/2021	97	Right lane	35	
QUEEN STREET	100	200	23/02/2021	83	Left lane	38	
QUEEN STREET	100	200	23/02/2021	71	Right lane	36	
QUEEN STREET	200	300	23/02/2021	125	Left lane	26	
QUEEN STREET	200	300	23/02/2021	127	Right lane	31	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

QUEEN STREET	300	400	23/02/2021	103	Left lane	40	
QUEEN STREET	300	400	23/02/2021	94	Right lane	44	
QUEEN STREET	400	500	23/02/2021	109	Left lane	41	
QUEEN STREET	400	500	23/02/2021	128	Right lane	42	
QUEEN STREET	500	600	23/02/2021	109	Left lane	39	
QUEEN STREET	500	600	23/02/2021	114	Right lane	43	
QUEEN STREET	600	700	23/02/2021	150	Left lane	26	
QUEEN STREET	600	700	23/02/2021	136	Right lane	28	
QUEEN STREET	700	800	23/02/2021	129	Left lane	44	
QUEEN STREET	700	800	23/02/2021	117	Right lane	45	
QUEEN STREET	800	900	23/02/2021	109	Left lane	48	
QUEEN STREET	800	900	23/02/2021	103	Right lane	47	
QUEEN STREET	900	1000	23/02/2021	125	Left lane	43	
QUEEN STREET	900	1000	23/02/2021	157	Right lane	40	
QUEEN STREET	1000	1100	23/02/2021	118	Left lane	40	
QUEEN STREET	1000	1100	23/02/2021	131	Right lane	39	
QUEEN STREET	1100	1200	23/02/2021	91	Left lane	43	
QUEEN STREET	1100	1200	23/02/2021	128	Right lane	38	
QUEEN STREET	1200	1300	23/02/2021	218	Left lane	25	Raised zebra crossing
QUEEN STREET	1200	1300	23/02/2021	234	Right lane	20	
QUEEN STREET	1300	1400	23/02/2021	75	Left lane	39	
QUEEN STREET	1300	1400	23/02/2021	66	Right lane	36	
QUEEN STREET	1400	1500	23/02/2021	101	Left lane	42	
QUEEN STREET	1400	1500	23/02/2021	82	Right lane	39	
QUEEN STREET	1500	1600	23/02/2021	143	Left lane	28	
QUEEN STREET	1500	1600	23/02/2021	139	Right lane	25	
QUEEN STREET	1600	1700	23/02/2021	85	Left lane	38	
QUEEN STREET	1600	1700	23/02/2021	92	Right lane	36	
QUEEN STREET	1700	1763	23/02/2021	131	Left lane	26	
QUEEN STREET	1700	1763	23/02/2021	130	Right lane	20	
QUENTIN PLACE	0	75	25/02/2021	96	Left lane	30	Post-Survey Added val
QUENTIN PLACE	0	75	25/02/2021	96	Right lane	30	Post-Survey Added val
RAILWAY ROAD	0	100	21/02/2021	92	Left lane	41	
RAILWAY ROAD	0	100	21/02/2021	92	Right lane	50	
RAILWAY ROAD	100	200	21/02/2021	46	Left lane	54	
RAILWAY ROAD	100	200	21/02/2021	46	Right lane	58	
RAILWAY ROAD	200	300	21/02/2021	40	Left lane	64	
RAILWAY ROAD	200	300	21/02/2021	46	Right lane	59	
RAILWAY ROAD	300	400	21/02/2021	53	Left lane	67	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RAILWAY ROAD	300	400	21/02/2021	32	Right lane	59	
RAILWAY ROAD	400	500	21/02/2021	45	Left lane	68	
RAILWAY ROAD	400	500	21/02/2021	46	Right lane	59	
RAILWAY ROAD	500	600	21/02/2021	27	Left lane	69	
RAILWAY ROAD	500	600	21/02/2021	45	Right lane	59	
RAILWAY ROAD	600	700	21/02/2021	32	Left lane	69	
RAILWAY ROAD	600	700	21/02/2021	43	Right lane	59	
RAILWAY ROAD	700	800	21/02/2021	52	Left lane	69	
RAILWAY ROAD	700	800	21/02/2021	63	Right lane	58	
RAILWAY ROAD	800	900	21/02/2021	57	Left lane	69	
RAILWAY ROAD	800	900	21/02/2021	75	Right lane	58	
RAILWAY ROAD	900	1000	21/02/2021	54	Left lane	71	
RAILWAY ROAD	900	1000	21/02/2021	51	Right lane	59	
RAILWAY ROAD	1000	1100	21/02/2021	60	Left lane	69	
RAILWAY ROAD	1000	1100	21/02/2021	35	Right lane	59	
RAILWAY ROAD	1100	1200	21/02/2021	61	Left lane	67	
RAILWAY ROAD	1100	1200	21/02/2021	58	Right lane	58	
RAILWAY ROAD	1200	1300	21/02/2021	69	Left lane	68	
RAILWAY ROAD	1200	1300	21/02/2021	72	Right lane	58	
RAILWAY ROAD	1300	1400	21/02/2021	44	Left lane	67	
RAILWAY ROAD	1300	1400	21/02/2021	78	Right lane	57	
RAILWAY ROAD	1400	1500	21/02/2021	54	Left lane	67	
RAILWAY ROAD	1400	1500	21/02/2021	77	Right lane	55	
RAILWAY ROAD	1500	1600	21/02/2021	42	Left lane	65	
RAILWAY ROAD	1500	1600	21/02/2021	62	Right lane	53	
RAILWAY ROAD	1600	1700	21/02/2021	62	Left lane	59	
RAILWAY ROAD	1600	1700	21/02/2021	69	Right lane	49	
RAILWAY ROAD	1700	1800	21/02/2021	105	Left lane	38	
RAILWAY ROAD	1700	1800	21/02/2021	112	Right lane	30	
RANGIAHUA ROAD	1900	2000	24/02/2021	97	Left lane	32	
RANGIAHUA ROAD	1900	2000	24/02/2021	118	Right lane	34	
RANGIAHUA ROAD	2000	2076	24/02/2021	145	Left lane	33	BRIDGE Abutment end (Both)
RANGIAHUA ROAD	2000	2076	24/02/2021	155	Right lane	34	
RANGIAHUA ROAD	3100	3200	24/02/2021	235	Left lane	34	
RANGIAHUA ROAD	3100	3200	24/02/2021	75	Right lane	39	
RANGIAHUA ROAD	3200	3300	24/02/2021	56	Left lane	50	
RANGIAHUA ROAD	3200	3300	24/02/2021	55	Right lane	48	
RANGIAHUA ROAD	3300	3389	24/02/2021	123	Left lane	38	
RANGIAHUA ROAD	3300	3389	24/02/2021	121	Right lane	30	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RATA PLACE	0	52	25/02/2021	96	Left lane	30	Post-Survey Added val
RATA PLACE	0	52	25/02/2021	96	Right lane	30	Post-Survey Added val
RATAU STREET	0	100	23/02/2021	157	Left lane	34	
RATAU STREET	0	100	23/02/2021	96	Right lane	31	
RATAU STREET	100	200	23/02/2021	130	Left lane	29	
RATAU STREET	100	200	23/02/2021	132	Right lane	27	
RATAU STREET	200	267	23/02/2021	138	Left lane	32	
RATAU STREET	200	267	23/02/2021	203	Right lane	27	
RENGA ROAD	0	100	22/02/2021	136	Left lane	27	
RENGA ROAD	0	100	22/02/2021	132	Right lane	27	
RENGA ROAD	100	200	22/02/2021	83	Left lane	38	
RENGA ROAD	100	200	22/02/2021	97	Right lane	34	
RENGA ROAD	200	249	22/02/2021	113	Left lane	28	
RENGA ROAD	200	249	22/02/2021	103	Right lane	18	
RHONA PLACE	0	84	25/02/2021	96	Left lane	30	Post-Survey Added val
RHONA PLACE	0	84	25/02/2021	96	Right lane	30	Post-Survey Added val
RIMU DRIVE	0	100	21/02/2021	127	Left lane	25	
RIMU DRIVE	0	100	21/02/2021	111	Right lane	20	
RIMU DRIVE	100	125	21/02/2021	103	Left lane	14	
RIMU DRIVE	100	125	21/02/2021	186	Right lane	9	
RINGAWHERO STREET	0	100	22/02/2021	106	Left lane	36	
RINGAWHERO STREET	0	100	22/02/2021	95	Right lane	40	
RINGAWHERO STREET	100	200	22/02/2021	70	Left lane	47	
RINGAWHERO STREET	100	200	22/02/2021	75	Right lane	48	
RINGAWHERO STREET	200	247	22/02/2021	101	Left lane	35	
RINGAWHERO STREET	200	247	22/02/2021	77	Right lane	33	
RIRIPETI STREET	0	100	22/02/2021	96	Left lane	39	
RIRIPETI STREET	0	100	22/02/2021	80	Right lane	42	
RIRIPETI STREET	100	200	22/02/2021	53	Left lane	53	
RIRIPETI STREET	100	200	22/02/2021	56	Right lane	54	
RIRIPETI STREET	200	300	22/02/2021	57	Left lane	50	
RIRIPETI STREET	200	300	22/02/2021	51	Right lane	56	
RIRIPETI STREET	300	400	22/02/2021	48	Left lane	47	
RIRIPETI STREET	300	400	22/02/2021	39	Right lane	43	
RIRIPETI STREET	400	476	22/02/2021	151	Left lane	26	
RIRIPETI STREET	400	476	22/02/2021	113	Right lane	19	
RIVER PARADE (EAST)	0	100	22/02/2021	104	Left lane	26	
RIVER PARADE (EAST)	0	100	22/02/2021	83	Right lane	24	
RIVER PARADE (EAST)	100	134	22/02/2021	113	Left lane	23	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RIVER PARADE (EAST)	100	134	22/02/2021	155	Right lane	18	
RIVER PARADE (WEST)	0	100	22/02/2021	117	Left lane	26	
RIVER PARADE (WEST)	0	100	22/02/2021	130	Right lane	27	
RIVER PARADE (WEST)	100	186	22/02/2021	135	Left lane	27	
RIVER PARADE (WEST)	100	186	22/02/2021	207	Right lane	30	
RIVERINA ROAD	200	300	21/02/2021	197	Left lane	25	
RIVERINA ROAD	200	300	21/02/2021	124	Right lane	23	
RIVERINA ROAD	300	400	21/02/2021	259	Left lane	36	BRIDGE Abutment end (Both)
RIVERINA ROAD	300	400	21/02/2021	271	Right lane	26	
RIVERINA ROAD	400	489	21/02/2021	210	Left lane	25	BRIDGE Abutment end (Both)
RIVERINA ROAD	400	489	21/02/2021	227	Right lane	24	
ROBERT SHORTT STREET	0	79	25/02/2021	96	Left lane	30	Post-Survey Added val
ROBERT SHORTT STREET	0	79	25/02/2021	96	Right lane	30	Post-Survey Added val
ROHEPOTAE ROAD	3300	3400	24/02/2021	135	Left lane	28	
ROHEPOTAE ROAD	3300	3400	24/02/2021	144	Right lane	31	
ROHEPOTAE ROAD	3400	3488	24/02/2021	90	Left lane	38	
ROHEPOTAE ROAD	3400	3488	24/02/2021	98	Right lane	33	
ROHEPOTAE ROAD	4100	4200	24/02/2021	162	Left lane	20	
ROHEPOTAE ROAD	4100	4200	24/02/2021	122	Right lane	26	
ROHEPOTAE ROAD	4200	4300	24/02/2021	108	Left lane	33	
ROHEPOTAE ROAD	4200	4300	24/02/2021	83	Right lane	39	
ROHEPOTAE ROAD	4300	4400	24/02/2021	115	Left lane	35	
ROHEPOTAE ROAD	4300	4400	24/02/2021	130	Right lane	36	
ROHEPOTAE ROAD	4400	4437	24/02/2021	104	Left lane	29	
ROHEPOTAE ROAD	4400	4437	24/02/2021	111	Right lane	34	
RONGOMAIWAHINE DRIVE	0	100	23/02/2021	119	Left lane	33	Railway crossing
RONGOMAIWAHINE DRIVE	0	100	23/02/2021	109	Right lane	46	
RONGOMAIWAHINE DRIVE	100	200	23/02/2021	57	Left lane	49	
RONGOMAIWAHINE DRIVE	100	200	23/02/2021	58	Right lane	65	
RONGOMAIWAHINE DRIVE	200	300	23/02/2021	51	Left lane	62	
RONGOMAIWAHINE DRIVE	200	300	23/02/2021	41	Right lane	70	
RONGOMAIWAHINE DRIVE	300	400	23/02/2021	44	Left lane	69	
RONGOMAIWAHINE DRIVE	300	400	23/02/2021	43	Right lane	63	
RONGOMAIWAHINE DRIVE	400	500	23/02/2021	67	Left lane	57	
RONGOMAIWAHINE DRIVE	400	500	23/02/2021	59	Right lane	54	
RONGOMAIWAHINE DRIVE	500	600	23/02/2021	115	Left lane	52	
RONGOMAIWAHINE DRIVE	500	600	23/02/2021	119	Right lane	62	
RONGOMAIWAHINE DRIVE	600	700	23/02/2021	140	Left lane	59	
RONGOMAIWAHINE DRIVE	600	700	23/02/2021	81	Right lane	61	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RONGOMAIWAHINE DRIVE	700	782	23/02/2021	149	Left lane	52	
RONGOMAIWAHINE DRIVE	700	782	23/02/2021	102	Right lane	51	
ROSE STREET	0	100	24/02/2021	113	Left lane	33	
ROSE STREET	0	100	24/02/2021	97	Right lane	36	
ROSE STREET	100	200	24/02/2021	110	Left lane	40	
ROSE STREET	100	200	24/02/2021	116	Right lane	39	
ROSE STREET	200	243	24/02/2021	123	Left lane	20	
ROSE STREET	200	243	24/02/2021	113	Right lane	23	
ROTTEN ROW	0	100	22/02/2021	150	Left lane	31	
ROTTEN ROW	0	100	22/02/2021	153	Right lane	31	
ROTTEN ROW	100	200	22/02/2021	193	Left lane	37	
ROTTEN ROW	100	200	22/02/2021	132	Right lane	39	
ROTTEN ROW	200	263	22/02/2021	178	Left lane	23	GRID (eg Cattle Stop)
ROTTEN ROW	200	263	22/02/2021	235	Right lane	21	
RUAKITURI ROAD	0	100	21/02/2021	95	Left lane	32	
RUAKITURI ROAD	0	100	21/02/2021	110	Right lane	36	
RUAKITURI ROAD	100	200	21/02/2021	60	Left lane	40	
RUAKITURI ROAD	100	200	21/02/2021	62	Right lane	49	
RUAKITURI ROAD	200	300	21/02/2021	176	Left lane	33	BRIDGE Abutment end (Both)
RUAKITURI ROAD	200	300	21/02/2021	192	Right lane	43	
RUAKITURI ROAD	300	400	21/02/2021	99	Left lane	29	BRIDGE Abutment end (Both)
RUAKITURI ROAD	300	400	21/02/2021	113	Right lane	37	
RUAKITURI ROAD	400	500	21/02/2021	49	Left lane	48	
RUAKITURI ROAD	400	500	21/02/2021	50	Right lane	56	
RUAKITURI ROAD	500	600	21/02/2021	56	Left lane	61	
RUAKITURI ROAD	500	600	21/02/2021	53	Right lane	67	
RUAKITURI ROAD	600	700	21/02/2021	43	Left lane	64	
RUAKITURI ROAD	600	700	21/02/2021	69	Right lane	69	
RUAKITURI ROAD	700	800	21/02/2021	47	Left lane	69	
RUAKITURI ROAD	700	800	21/02/2021	52	Right lane	68	
RUAKITURI ROAD	800	900	21/02/2021	39	Left lane	69	
RUAKITURI ROAD	800	900	21/02/2021	33	Right lane	70	
RUAKITURI ROAD	900	1000	21/02/2021	59	Left lane	66	
RUAKITURI ROAD	900	1000	21/02/2021	62	Right lane	67	
RUAKITURI ROAD	1000	1100	21/02/2021	53	Left lane	61	
RUAKITURI ROAD	1000	1100	21/02/2021	63	Right lane	62	
RUAKITURI ROAD	1100	1200	21/02/2021	39	Left lane	60	
RUAKITURI ROAD	1100	1200	21/02/2021	55	Right lane	64	
RUAKITURI ROAD	1200	1300	21/02/2021	51	Left lane	59	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	1200	1300	21/02/2021	56	Right lane	65
RUAKITURI ROAD	1300	1400	21/02/2021	57	Left lane	62
RUAKITURI ROAD	1300	1400	21/02/2021	58	Right lane	70
RUAKITURI ROAD	1400	1500	21/02/2021	66	Left lane	62
RUAKITURI ROAD	1400	1500	21/02/2021	66	Right lane	74
RUAKITURI ROAD	1500	1600	21/02/2021	61	Left lane	65
RUAKITURI ROAD	1500	1600	21/02/2021	60	Right lane	73
RUAKITURI ROAD	1600	1700	21/02/2021	59	Left lane	64
RUAKITURI ROAD	1600	1700	21/02/2021	82	Right lane	69
RUAKITURI ROAD	1700	1800	21/02/2021	120	Left lane	58
RUAKITURI ROAD	1700	1800	21/02/2021	93	Right lane	65
RUAKITURI ROAD	1800	1900	21/02/2021	102	Left lane	60
RUAKITURI ROAD	1800	1900	21/02/2021	80	Right lane	69
RUAKITURI ROAD	1900	2000	21/02/2021	59	Left lane	66
RUAKITURI ROAD	1900	2000	21/02/2021	68	Right lane	72
RUAKITURI ROAD	2000	2100	21/02/2021	93	Left lane	68
RUAKITURI ROAD	2000	2100	21/02/2021	80	Right lane	74
RUAKITURI ROAD	2100	2200	21/02/2021	79	Left lane	71
RUAKITURI ROAD	2100	2200	21/02/2021	76	Right lane	75
RUAKITURI ROAD	2200	2300	21/02/2021	77	Left lane	73
RUAKITURI ROAD	2200	2300	21/02/2021	75	Right lane	76
RUAKITURI ROAD	2300	2400	21/02/2021	83	Left lane	74
RUAKITURI ROAD	2300	2400	21/02/2021	76	Right lane	78
RUAKITURI ROAD	2400	2500	21/02/2021	87	Left lane	73
RUAKITURI ROAD	2400	2500	21/02/2021	82	Right lane	76
RUAKITURI ROAD	2500	2600	21/02/2021	76	Left lane	63
RUAKITURI ROAD	2500	2600	21/02/2021	62	Right lane	72
RUAKITURI ROAD	2600	2700	21/02/2021	95	Left lane	59
RUAKITURI ROAD	2600	2700	21/02/2021	88	Right lane	66
RUAKITURI ROAD	2700	2800	21/02/2021	69	Left lane	63
RUAKITURI ROAD	2700	2800	21/02/2021	84	Right lane	65
RUAKITURI ROAD	2800	2900	21/02/2021	52	Left lane	71
RUAKITURI ROAD	2800	2900	21/02/2021	69	Right lane	68
RUAKITURI ROAD	2900	3000	21/02/2021	76	Left lane	75
RUAKITURI ROAD	2900	3000	21/02/2021	61	Right lane	76
RUAKITURI ROAD	3000	3100	21/02/2021	61	Left lane	74
RUAKITURI ROAD	3000	3100	21/02/2021	64	Right lane	76
RUAKITURI ROAD	3100	3200	21/02/2021	89	Left lane	74
RUAKITURI ROAD	3100	3200	21/02/2021	78	Right lane	73

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	3200	3300	21/02/2021	119	Left lane	69	
RUAKITURI ROAD	3200	3300	21/02/2021	111	Right lane	69	
RUAKITURI ROAD	3300	3400	21/02/2021	123	Left lane	66	
RUAKITURI ROAD	3300	3400	21/02/2021	137	Right lane	67	
RUAKITURI ROAD	3400	3500	21/02/2021	95	Left lane	64	
RUAKITURI ROAD	3400	3500	21/02/2021	94	Right lane	66	
RUAKITURI ROAD	3500	3600	21/02/2021	117	Left lane	61	
RUAKITURI ROAD	3500	3600	21/02/2021	95	Right lane	65	
RUAKITURI ROAD	3600	3700	21/02/2021	99	Left lane	70	
RUAKITURI ROAD	3600	3700	21/02/2021	86	Right lane	74	
RUAKITURI ROAD	3700	3800	21/02/2021	72	Left lane	71	
RUAKITURI ROAD	3700	3800	21/02/2021	80	Right lane	73	
RUAKITURI ROAD	3800	3900	21/02/2021	81	Left lane	68	
RUAKITURI ROAD	3800	3900	21/02/2021	56	Right lane	72	
RUAKITURI ROAD	3900	4000	21/02/2021	68	Left lane	65	
RUAKITURI ROAD	3900	4000	21/02/2021	55	Right lane	72	
RUAKITURI ROAD	4000	4100	21/02/2021	70	Left lane	63	
RUAKITURI ROAD	4000	4100	21/02/2021	78	Right lane	70	
RUAKITURI ROAD	4100	4200	21/02/2021	101	Left lane	60	BRIDGE Abutment end (Both)
RUAKITURI ROAD	4100	4200	21/02/2021	87	Right lane	65	
RUAKITURI ROAD	4200	4300	21/02/2021	87	Left lane	58	
RUAKITURI ROAD	4200	4300	21/02/2021	98	Right lane	72	
RUAKITURI ROAD	4300	4400	21/02/2021	119	Left lane	67	
RUAKITURI ROAD	4300	4400	21/02/2021	113	Right lane	76	
RUAKITURI ROAD	4400	4500	21/02/2021	77	Left lane	68	
RUAKITURI ROAD	4400	4500	21/02/2021	85	Right lane	71	
RUAKITURI ROAD	4500	4600	21/02/2021	100	Left lane	65	
RUAKITURI ROAD	4500	4600	21/02/2021	85	Right lane	60	
RUAKITURI ROAD	4600	4700	21/02/2021	117	Left lane	62	
RUAKITURI ROAD	4600	4700	21/02/2021	84	Right lane	57	
RUAKITURI ROAD	4700	4800	21/02/2021	134	Left lane	52	
RUAKITURI ROAD	4700	4800	21/02/2021	162	Right lane	49	
RUAKITURI ROAD	4800	4900	21/02/2021	131	Left lane	55	
RUAKITURI ROAD	4800	4900	21/02/2021	145	Right lane	49	
RUAKITURI ROAD	4900	5000	21/02/2021	129	Left lane	56	
RUAKITURI ROAD	4900	5000	21/02/2021	131	Right lane	48	
RUAKITURI ROAD	5000	5100	21/02/2021	142	Left lane	43	
RUAKITURI ROAD	5000	5100	21/02/2021	142	Right lane	43	
RUAKITURI ROAD	5100	5200	21/02/2021	125	Left lane	40	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	5100	5200	21/02/2021	120	Right lane	45	
RUAKITURI ROAD	5200	5300	21/02/2021	114	Left lane	43	
RUAKITURI ROAD	5200	5300	21/02/2021	118	Right lane	49	
RUAKITURI ROAD	5300	5400	21/02/2021	126	Left lane	40	BRIDGE Abutment end (Both)
RUAKITURI ROAD	5300	5400	21/02/2021	139	Right lane	46	
RUAKITURI ROAD	5400	5500	21/02/2021	79	Left lane	48	
RUAKITURI ROAD	5400	5500	21/02/2021	117	Right lane	60	
RUAKITURI ROAD	5500	5600	21/02/2021	86	Left lane	59	
RUAKITURI ROAD	5500	5600	21/02/2021	98	Right lane	59	
RUAKITURI ROAD	5600	5700	21/02/2021	108	Left lane	62	
RUAKITURI ROAD	5600	5700	21/02/2021	118	Right lane	58	
RUAKITURI ROAD	5700	5800	21/02/2021	145	Left lane	63	
RUAKITURI ROAD	5700	5800	21/02/2021	139	Right lane	65	
RUAKITURI ROAD	5800	5900	21/02/2021	93	Left lane	65	
RUAKITURI ROAD	5800	5900	21/02/2021	101	Right lane	65	
RUAKITURI ROAD	5900	6000	21/02/2021	64	Left lane	61	
RUAKITURI ROAD	5900	6000	21/02/2021	69	Right lane	56	
RUAKITURI ROAD	6000	6100	21/02/2021	110	Left lane	51	
RUAKITURI ROAD	6000	6100	21/02/2021	110	Right lane	50	
RUAKITURI ROAD	6100	6200	21/02/2021	111	Left lane	51	
RUAKITURI ROAD	6100	6200	21/02/2021	97	Right lane	57	
RUAKITURI ROAD	6200	6300	21/02/2021	62	Left lane	59	
RUAKITURI ROAD	6200	6300	21/02/2021	78	Right lane	63	
RUAKITURI ROAD	6300	6400	21/02/2021	105	Left lane	61	
RUAKITURI ROAD	6300	6400	21/02/2021	99	Right lane	65	
RUAKITURI ROAD	6400	6500	21/02/2021	126	Left lane	61	
RUAKITURI ROAD	6400	6500	21/02/2021	89	Right lane	67	
RUAKITURI ROAD	6500	6600	21/02/2021	66	Left lane	65	
RUAKITURI ROAD	6500	6600	21/02/2021	61	Right lane	68	
RUAKITURI ROAD	6600	6700	21/02/2021	108	Left lane	69	
RUAKITURI ROAD	6600	6700	21/02/2021	89	Right lane	65	
RUAKITURI ROAD	6700	6800	21/02/2021	134	Left lane	59	
RUAKITURI ROAD	6700	6800	21/02/2021	139	Right lane	56	
RUAKITURI ROAD	6800	6900	21/02/2021	160	Left lane	55	
RUAKITURI ROAD	6800	6900	21/02/2021	186	Right lane	50	
RUAKITURI ROAD	6900	7000	21/02/2021	112	Left lane	51	
RUAKITURI ROAD	6900	7000	21/02/2021	98	Right lane	50	
RUAKITURI ROAD	7000	7100	21/02/2021	100	Left lane	48	
RUAKITURI ROAD	7000	7100	21/02/2021	101	Right lane	46	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	7100	7200	21/02/2021	110	Left lane	44	
RUAKITURI ROAD	7100	7200	21/02/2021	133	Right lane	48	
RUAKITURI ROAD	7200	7300	21/02/2021	122	Left lane	55	
RUAKITURI ROAD	7200	7300	21/02/2021	116	Right lane	59	
RUAKITURI ROAD	7300	7400	21/02/2021	50	Left lane	67	
RUAKITURI ROAD	7300	7400	21/02/2021	51	Right lane	72	
RUAKITURI ROAD	7400	7500	21/02/2021	86	Left lane	69	
RUAKITURI ROAD	7400	7500	21/02/2021	98	Right lane	74	
RUAKITURI ROAD	7500	7600	21/02/2021	137	Left lane	67	
RUAKITURI ROAD	7500	7600	21/02/2021	111	Right lane	72	
RUAKITURI ROAD	7600	7700	21/02/2021	118	Left lane	63	
RUAKITURI ROAD	7600	7700	21/02/2021	81	Right lane	64	
RUAKITURI ROAD	7700	7800	21/02/2021	82	Left lane	60	
RUAKITURI ROAD	7700	7800	21/02/2021	78	Right lane	65	
RUAKITURI ROAD	7800	7900	21/02/2021	99	Left lane	62	
RUAKITURI ROAD	7800	7900	21/02/2021	84	Right lane	67	
RUAKITURI ROAD	7900	8000	21/02/2021	85	Left lane	62	
RUAKITURI ROAD	7900	8000	21/02/2021	84	Right lane	66	
RUAKITURI ROAD	8000	8100	21/02/2021	117	Left lane	58	
RUAKITURI ROAD	8000	8100	21/02/2021	117	Right lane	63	
RUAKITURI ROAD	8100	8200	21/02/2021	98	Left lane	63	
RUAKITURI ROAD	8100	8200	21/02/2021	88	Right lane	67	
RUAKITURI ROAD	8200	8300	21/02/2021	93	Left lane	64	
RUAKITURI ROAD	8200	8300	21/02/2021	97	Right lane	63	
RUAKITURI ROAD	8300	8400	21/02/2021	80	Left lane	60	
RUAKITURI ROAD	8300	8400	21/02/2021	94	Right lane	60	
RUAKITURI ROAD	8400	8500	21/02/2021	88	Left lane	63	
RUAKITURI ROAD	8400	8500	21/02/2021	59	Right lane	66	
RUAKITURI ROAD	8500	8600	21/02/2021	81	Left lane	65	
RUAKITURI ROAD	8500	8600	21/02/2021	68	Right lane	65	
RUAKITURI ROAD	8600	8700	21/02/2021	74	Left lane	62	
RUAKITURI ROAD	8600	8700	21/02/2021	86	Right lane	67	
RUAKITURI ROAD	8700	8800	21/02/2021	108	Left lane	55	
RUAKITURI ROAD	8700	8800	21/02/2021	80	Right lane	61	
RUAKITURI ROAD	8800	8900	21/02/2021	51	Left lane	56	
RUAKITURI ROAD	8800	8900	21/02/2021	95	Right lane	61	
RUAKITURI ROAD	8900	9000	21/02/2021	73	Left lane	56	
RUAKITURI ROAD	8900	9000	21/02/2021	96	Right lane	59	
RUAKITURI ROAD	9000	9100	21/02/2021	182	Left lane	51	BRIDGE Abutment end (Both)

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	9000	9100	21/02/2021	151	Right lane	60	
RUAKITURI ROAD	9100	9200	21/02/2021	87	Left lane	49	
RUAKITURI ROAD	9100	9200	21/02/2021	85	Right lane	60	
RUAKITURI ROAD	9200	9300	21/02/2021	88	Left lane	50	
RUAKITURI ROAD	9200	9300	21/02/2021	95	Right lane	56	
RUAKITURI ROAD	9300	9400	21/02/2021	97	Left lane	43	
RUAKITURI ROAD	9300	9400	21/02/2021	121	Right lane	49	
RUAKITURI ROAD	9400	9500	21/02/2021	120	Left lane	51	BRIDGE Abutment end (Both)
RUAKITURI ROAD	9400	9500	21/02/2021	114	Right lane	46	
RUAKITURI ROAD	9500	9600	21/02/2021	72	Left lane	53	
RUAKITURI ROAD	9500	9600	21/02/2021	102	Right lane	52	
RUAKITURI ROAD	9600	9700	21/02/2021	70	Left lane	55	
RUAKITURI ROAD	9600	9700	21/02/2021	89	Right lane	54	
RUAKITURI ROAD	9700	9800	21/02/2021	81	Left lane	60	
RUAKITURI ROAD	9700	9800	21/02/2021	149	Right lane	59	
RUAKITURI ROAD	9800	9900	21/02/2021	91	Left lane	59	
RUAKITURI ROAD	9800	9900	21/02/2021	131	Right lane	60	
RUAKITURI ROAD	9900	10000	21/02/2021	97	Left lane	59	
RUAKITURI ROAD	9900	10000	21/02/2021	88	Right lane	60	
RUAKITURI ROAD	10000	10100	21/02/2021	110	Left lane	55	
RUAKITURI ROAD	10000	10100	21/02/2021	112	Right lane	59	
RUAKITURI ROAD	10100	10200	21/02/2021	135	Left lane	47	
RUAKITURI ROAD	10100	10200	21/02/2021	94	Right lane	50	
RUAKITURI ROAD	10200	10300	21/02/2021	104	Left lane	55	
RUAKITURI ROAD	10200	10300	21/02/2021	104	Right lane	56	
RUAKITURI ROAD	10300	10400	21/02/2021	89	Left lane	59	
RUAKITURI ROAD	10300	10400	21/02/2021	113	Right lane	63	
RUAKITURI ROAD	10400	10500	21/02/2021	97	Left lane	55	
RUAKITURI ROAD	10400	10500	21/02/2021	71	Right lane	59	
RUAKITURI ROAD	10500	10600	21/02/2021	108	Left lane	62	
RUAKITURI ROAD	10500	10600	21/02/2021	95	Right lane	64	
RUAKITURI ROAD	10600	10700	21/02/2021	96	Left lane	65	
RUAKITURI ROAD	10600	10700	21/02/2021	85	Right lane	64	
RUAKITURI ROAD	10700	10800	21/02/2021	121	Left lane	53	
RUAKITURI ROAD	10700	10800	21/02/2021	109	Right lane	50	
RUAKITURI ROAD	10800	10900	21/02/2021	98	Left lane	51	
RUAKITURI ROAD	10800	10900	21/02/2021	151	Right lane	53	
RUAKITURI ROAD	10900	11000	21/02/2021	118	Left lane	57	
RUAKITURI ROAD	10900	11000	21/02/2021	123	Right lane	59	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	11000	11100	21/02/2021	97	Left lane	55
RUAKITURI ROAD	11000	11100	21/02/2021	108	Right lane	57
RUAKITURI ROAD	11100	11200	21/02/2021	101	Left lane	58
RUAKITURI ROAD	11100	11200	21/02/2021	112	Right lane	59
RUAKITURI ROAD	11200	11300	21/02/2021	94	Left lane	62
RUAKITURI ROAD	11200	11300	21/02/2021	87	Right lane	62
RUAKITURI ROAD	11300	11400	21/02/2021	113	Left lane	59
RUAKITURI ROAD	11300	11400	21/02/2021	97	Right lane	62
RUAKITURI ROAD	11400	11500	21/02/2021	102	Left lane	63
RUAKITURI ROAD	11400	11500	21/02/2021	83	Right lane	60
RUAKITURI ROAD	11500	11600	21/02/2021	103	Left lane	61
RUAKITURI ROAD	11500	11600	21/02/2021	111	Right lane	56
RUAKITURI ROAD	11600	11700	21/02/2021	155	Left lane	60
RUAKITURI ROAD	11600	11700	21/02/2021	126	Right lane	57
RUAKITURI ROAD	11700	11800	21/02/2021	79	Left lane	61
RUAKITURI ROAD	11700	11800	21/02/2021	95	Right lane	62
RUAKITURI ROAD	11800	11900	21/02/2021	91	Left lane	58
RUAKITURI ROAD	11800	11900	21/02/2021	82	Right lane	64
RUAKITURI ROAD	11900	12000	21/02/2021	109	Left lane	57
RUAKITURI ROAD	11900	12000	21/02/2021	106	Right lane	57
RUAKITURI ROAD	12000	12100	21/02/2021	69	Left lane	61
RUAKITURI ROAD	12000	12100	21/02/2021	80	Right lane	64
RUAKITURI ROAD	12100	12200	21/02/2021	124	Left lane	65
RUAKITURI ROAD	12100	12200	21/02/2021	114	Right lane	65
RUAKITURI ROAD	12200	12300	21/02/2021	124	Left lane	62
RUAKITURI ROAD	12200	12300	21/02/2021	124	Right lane	63
RUAKITURI ROAD	12300	12400	21/02/2021	65	Left lane	59
RUAKITURI ROAD	12300	12400	21/02/2021	79	Right lane	60
RUAKITURI ROAD	12400	12500	21/02/2021	100	Left lane	62
RUAKITURI ROAD	12400	12500	21/02/2021	118	Right lane	68
RUAKITURI ROAD	12500	12600	21/02/2021	113	Left lane	58
RUAKITURI ROAD	12500	12600	21/02/2021	105	Right lane	68
RUAKITURI ROAD	12600	12700	21/02/2021	104	Left lane	55
RUAKITURI ROAD	12600	12700	21/02/2021	105	Right lane	65
RUAKITURI ROAD	12700	12800	21/02/2021	84	Left lane	55
RUAKITURI ROAD	12700	12800	21/02/2021	75	Right lane	57
RUAKITURI ROAD	12800	12900	21/02/2021	113	Left lane	43
RUAKITURI ROAD	12800	12900	21/02/2021	129	Right lane	46
RUAKITURI ROAD	12900	13000	21/02/2021	87	Left lane	54

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	12900	13000	21/02/2021	95	Right lane	65
RUAKITURI ROAD	13000	13100	21/02/2021	102	Left lane	56
RUAKITURI ROAD	13000	13100	21/02/2021	79	Right lane	64
RUAKITURI ROAD	13100	13200	21/02/2021	42	Left lane	61
RUAKITURI ROAD	13100	13200	21/02/2021	55	Right lane	64
RUAKITURI ROAD	13200	13300	21/02/2021	95	Left lane	68
RUAKITURI ROAD	13200	13300	21/02/2021	97	Right lane	72
RUAKITURI ROAD	13300	13400	21/02/2021	66	Left lane	69
RUAKITURI ROAD	13300	13400	21/02/2021	64	Right lane	73
RUAKITURI ROAD	13400	13500	21/02/2021	55	Left lane	69
RUAKITURI ROAD	13400	13500	21/02/2021	73	Right lane	70
RUAKITURI ROAD	13500	13600	21/02/2021	87	Left lane	66
RUAKITURI ROAD	13500	13600	21/02/2021	88	Right lane	64
RUAKITURI ROAD	13600	13700	21/02/2021	76	Left lane	72
RUAKITURI ROAD	13600	13700	21/02/2021	52	Right lane	72
RUAKITURI ROAD	13700	13800	21/02/2021	66	Left lane	77
RUAKITURI ROAD	13700	13800	21/02/2021	72	Right lane	76
RUAKITURI ROAD	13800	13900	21/02/2021	84	Left lane	73
RUAKITURI ROAD	13800	13900	21/02/2021	82	Right lane	74
RUAKITURI ROAD	13900	14000	21/02/2021	72	Left lane	71
RUAKITURI ROAD	13900	14000	21/02/2021	77	Right lane	70
RUAKITURI ROAD	14000	14100	21/02/2021	100	Left lane	64
RUAKITURI ROAD	14000	14100	21/02/2021	96	Right lane	62
RUAKITURI ROAD	14100	14200	21/02/2021	63	Left lane	61
RUAKITURI ROAD	14100	14200	21/02/2021	66	Right lane	62
RUAKITURI ROAD	14200	14300	21/02/2021	52	Left lane	61
RUAKITURI ROAD	14200	14300	21/02/2021	63	Right lane	59
RUAKITURI ROAD	14300	14400	21/02/2021	100	Left lane	56
RUAKITURI ROAD	14300	14400	21/02/2021	70	Right lane	59
RUAKITURI ROAD	14400	14500	21/02/2021	68	Left lane	62
RUAKITURI ROAD	14400	14500	21/02/2021	68	Right lane	65
RUAKITURI ROAD	14500	14600	21/02/2021	59	Left lane	62
RUAKITURI ROAD	14500	14600	21/02/2021	54	Right lane	61
RUAKITURI ROAD	14600	14700	21/02/2021	95	Left lane	62
RUAKITURI ROAD	14600	14700	21/02/2021	79	Right lane	53
RUAKITURI ROAD	14700	14800	21/02/2021	115	Left lane	55
RUAKITURI ROAD	14700	14800	21/02/2021	125	Right lane	50
RUAKITURI ROAD	14800	14900	21/02/2021	131	Left lane	56
RUAKITURI ROAD	14800	14900	21/02/2021	127	Right lane	56

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	14900	15000	21/02/2021	85	Left lane	59	
RUAKITURI ROAD	14900	15000	21/02/2021	97	Right lane	58	
RUAKITURI ROAD	15000	15100	21/02/2021	95	Left lane	50	
RUAKITURI ROAD	15000	15100	21/02/2021	99	Right lane	47	
RUAKITURI ROAD	15100	15200	21/02/2021	91	Left lane	54	
RUAKITURI ROAD	15100	15200	21/02/2021	112	Right lane	54	
RUAKITURI ROAD	15200	15300	21/02/2021	148	Left lane	64	
RUAKITURI ROAD	15200	15300	21/02/2021	117	Right lane	58	
RUAKITURI ROAD	15300	15400	21/02/2021	81	Left lane	60	
RUAKITURI ROAD	15300	15400	21/02/2021	67	Right lane	52	
RUAKITURI ROAD	15400	15500	21/02/2021	95	Left lane	50	
RUAKITURI ROAD	15400	15500	21/02/2021	96	Right lane	54	
RUAKITURI ROAD	15500	15600	21/02/2021	144	Left lane	52	BRIDGE Abutment end (Both)
RUAKITURI ROAD	15500	15600	21/02/2021	153	Right lane	48	
RUAKITURI ROAD	15600	15700	21/02/2021	101	Left lane	50	
RUAKITURI ROAD	15600	15700	21/02/2021	105	Right lane	54	
RUAKITURI ROAD	15700	15800	21/02/2021	118	Left lane	52	
RUAKITURI ROAD	15700	15800	21/02/2021	120	Right lane	55	
RUAKITURI ROAD	15800	15900	21/02/2021	128	Left lane	44	
RUAKITURI ROAD	15800	15900	21/02/2021	121	Right lane	47	
RUAKITURI ROAD	15900	16000	21/02/2021	105	Left lane	55	
RUAKITURI ROAD	15900	16000	21/02/2021	130	Right lane	52	
RUAKITURI ROAD	16000	16100	21/02/2021	82	Left lane	40	
RUAKITURI ROAD	16000	16100	21/02/2021	101	Right lane	34	
RUAKITURI ROAD	16100	16200	21/02/2021	96	Left lane	41	
RUAKITURI ROAD	16100	16200	21/02/2021	108	Right lane	49	
RUAKITURI ROAD	16200	16300	21/02/2021	115	Left lane	47	
RUAKITURI ROAD	16200	16300	21/02/2021	132	Right lane	57	
RUAKITURI ROAD	16300	16400	21/02/2021	77	Left lane	52	
RUAKITURI ROAD	16300	16400	21/02/2021	112	Right lane	52	
RUAKITURI ROAD	16400	16500	21/02/2021	86	Left lane	54	
RUAKITURI ROAD	16400	16500	21/02/2021	106	Right lane	58	
RUAKITURI ROAD	16500	16600	21/02/2021	143	Left lane	55	BRIDGE Abutment end (Both)
RUAKITURI ROAD	16500	16600	21/02/2021	112	Right lane	55	
RUAKITURI ROAD	16600	16700	21/02/2021	149	Left lane	52	BRIDGE Abutment end (Both)
RUAKITURI ROAD	16600	16700	21/02/2021	145	Right lane	54	
RUAKITURI ROAD	16700	16800	21/02/2021	65	Left lane	56	
RUAKITURI ROAD	16700	16800	21/02/2021	69	Right lane	58	
RUAKITURI ROAD	16800	16900	21/02/2021	85	Left lane	63	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	16800	16900	21/02/2021	83	Right lane	66
RUAKITURI ROAD	16900	17000	21/02/2021	84	Left lane	61
RUAKITURI ROAD	16900	17000	21/02/2021	78	Right lane	54
RUAKITURI ROAD	17000	17100	21/02/2021	79	Left lane	49
RUAKITURI ROAD	17000	17100	21/02/2021	84	Right lane	46
RUAKITURI ROAD	17100	17200	21/02/2021	61	Left lane	62
RUAKITURI ROAD	17100	17200	21/02/2021	63	Right lane	59
RUAKITURI ROAD	17200	17300	21/02/2021	130	Left lane	61
RUAKITURI ROAD	17200	17300	21/02/2021	97	Right lane	54
RUAKITURI ROAD	17300	17400	21/02/2021	129	Left lane	50
RUAKITURI ROAD	17300	17400	21/02/2021	103	Right lane	55
RUAKITURI ROAD	17400	17500	21/02/2021	82	Left lane	61
RUAKITURI ROAD	17400	17500	21/02/2021	77	Right lane	66
RUAKITURI ROAD	17500	17600	21/02/2021	68	Left lane	60
RUAKITURI ROAD	17500	17600	21/02/2021	82	Right lane	61
RUAKITURI ROAD	17600	17700	21/02/2021	40	Left lane	65
RUAKITURI ROAD	17600	17700	21/02/2021	59	Right lane	65
RUAKITURI ROAD	17700	17800	21/02/2021	94	Left lane	62
RUAKITURI ROAD	17700	17800	21/02/2021	74	Right lane	58
RUAKITURI ROAD	17800	17900	21/02/2021	70	Left lane	60
RUAKITURI ROAD	17800	17900	21/02/2021	62	Right lane	61
RUAKITURI ROAD	17900	18000	21/02/2021	95	Left lane	59
RUAKITURI ROAD	17900	18000	21/02/2021	87	Right lane	59
RUAKITURI ROAD	18000	18100	21/02/2021	75	Left lane	55
RUAKITURI ROAD	18000	18100	21/02/2021	109	Right lane	59
RUAKITURI ROAD	18100	18200	21/02/2021	71	Left lane	55
RUAKITURI ROAD	18100	18200	21/02/2021	56	Right lane	60
RUAKITURI ROAD	18200	18300	21/02/2021	59	Left lane	58
RUAKITURI ROAD	18200	18300	21/02/2021	61	Right lane	58
RUAKITURI ROAD	18300	18400	21/02/2021	58	Left lane	59
RUAKITURI ROAD	18300	18400	21/02/2021	72	Right lane	59
RUAKITURI ROAD	18400	18500	21/02/2021	80	Left lane	58
RUAKITURI ROAD	18400	18500	21/02/2021	72	Right lane	58
RUAKITURI ROAD	18500	18600	21/02/2021	162	Left lane	52
RUAKITURI ROAD	18500	18600	21/02/2021	167	Right lane	56
RUAKITURI ROAD	18600	18700	21/02/2021	112	Left lane	45
RUAKITURI ROAD	18600	18700	21/02/2021	126	Right lane	48
RUAKITURI ROAD	18700	18800	21/02/2021	96	Left lane	53
RUAKITURI ROAD	18700	18800	21/02/2021	109	Right lane	50

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	18800	18900	21/02/2021	107	Left lane	48
RUAKITURI ROAD	18800	18900	21/02/2021	94	Right lane	45
RUAKITURI ROAD	18900	19000	21/02/2021	129	Left lane	51
RUAKITURI ROAD	18900	19000	21/02/2021	162	Right lane	59
RUAKITURI ROAD	19000	19100	21/02/2021	67	Left lane	59
RUAKITURI ROAD	19000	19100	21/02/2021	104	Right lane	73
RUAKITURI ROAD	19100	19200	21/02/2021	70	Left lane	65
RUAKITURI ROAD	19100	19200	21/02/2021	86	Right lane	77
RUAKITURI ROAD	19200	19300	21/02/2021	49	Left lane	70
RUAKITURI ROAD	19200	19300	21/02/2021	85	Right lane	75
RUAKITURI ROAD	19300	19400	21/02/2021	62	Left lane	69
RUAKITURI ROAD	19300	19400	21/02/2021	76	Right lane	67
RUAKITURI ROAD	19400	19500	21/02/2021	87	Left lane	52
RUAKITURI ROAD	19400	19500	21/02/2021	123	Right lane	45
RUAKITURI ROAD	19500	19600	21/02/2021	89	Left lane	42
RUAKITURI ROAD	19500	19600	21/02/2021	87	Right lane	59
RUAKITURI ROAD	19600	19700	21/02/2021	78	Left lane	55
RUAKITURI ROAD	19600	19700	21/02/2021	66	Right lane	61
RUAKITURI ROAD	19700	19800	21/02/2021	67	Left lane	59
RUAKITURI ROAD	19700	19800	21/02/2021	70	Right lane	60
RUAKITURI ROAD	19800	19900	21/02/2021	101	Left lane	48
RUAKITURI ROAD	19800	19900	21/02/2021	86	Right lane	47
RUAKITURI ROAD	19900	20000	21/02/2021	91	Left lane	52
RUAKITURI ROAD	19900	20000	21/02/2021	98	Right lane	52
RUAKITURI ROAD	20000	20100	21/02/2021	91	Left lane	49
RUAKITURI ROAD	20000	20100	21/02/2021	100	Right lane	47
RUAKITURI ROAD	20100	20200	21/02/2021	97	Left lane	50
RUAKITURI ROAD	20100	20200	21/02/2021	95	Right lane	46
RUAKITURI ROAD	20200	20300	21/02/2021	81	Left lane	57
RUAKITURI ROAD	20200	20300	21/02/2021	92	Right lane	50
RUAKITURI ROAD	20300	20400	21/02/2021	86	Left lane	48
RUAKITURI ROAD	20300	20400	21/02/2021	76	Right lane	49
RUAKITURI ROAD	20400	20500	21/02/2021	92	Left lane	45
RUAKITURI ROAD	20400	20500	21/02/2021	83	Right lane	48
RUAKITURI ROAD	20500	20600	21/02/2021	102	Left lane	43
RUAKITURI ROAD	20500	20600	21/02/2021	95	Right lane	47
RUAKITURI ROAD	20600	20700	21/02/2021	93	Left lane	50
RUAKITURI ROAD	20600	20700	21/02/2021	74	Right lane	49
RUAKITURI ROAD	20700	20800	21/02/2021	94	Left lane	48

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	20700	20800	21/02/2021	75	Right lane	47	
RUAKITURI ROAD	20800	20884	21/02/2021	81	Left lane	36	
RUAKITURI ROAD	20800	20884	21/02/2021	72	Right lane	29	
RUAPAPA ROAD	0	100	22/02/2021	103	Left lane	38	
RUAPAPA ROAD	0	100	22/02/2021	120	Right lane	40	
RUAPAPA ROAD	100	200	22/02/2021	72	Left lane	57	
RUAPAPA ROAD	100	200	22/02/2021	72	Right lane	57	
RUAPAPA ROAD	200	300	22/02/2021	88	Left lane	54	
RUAPAPA ROAD	200	300	22/02/2021	80	Right lane	55	
RUAPAPA ROAD	300	400	22/02/2021	89	Left lane	57	
RUAPAPA ROAD	300	400	22/02/2021	84	Right lane	58	
RUAPAPA ROAD	400	500	22/02/2021	122	Left lane	50	
RUAPAPA ROAD	400	500	22/02/2021	83	Right lane	48	
RUAPAPA ROAD	500	600	22/02/2021	116	Left lane	40	
RUAPAPA ROAD	500	600	22/02/2021	120	Right lane	44	
RUAPAPA ROAD	600	700	22/02/2021	133	Left lane	41	BRIDGE Abutment end (Both)
RUAPAPA ROAD	600	700	22/02/2021	164	Right lane	55	
RUAPAPA ROAD	700	800	22/02/2021	85	Left lane	47	
RUAPAPA ROAD	700	800	22/02/2021	88	Right lane	70	
RUAPAPA ROAD	800	900	22/02/2021	56	Left lane	57	
RUAPAPA ROAD	800	900	22/02/2021	56	Right lane	81	
RUAPAPA ROAD	900	1000	22/02/2021	78	Left lane	64	
RUAPAPA ROAD	900	1000	22/02/2021	117	Right lane	81	
RUAPAPA ROAD	1000	1100	22/02/2021	84	Left lane	72	
RUAPAPA ROAD	1000	1100	22/02/2021	77	Right lane	79	
RUAPAPA ROAD	1100	1200	22/02/2021	70	Left lane	75	
RUAPAPA ROAD	1100	1200	22/02/2021	104	Right lane	76	
RUAPAPA ROAD	1200	1300	22/02/2021	87	Left lane	75	
RUAPAPA ROAD	1200	1300	22/02/2021	68	Right lane	73	
RUAPAPA ROAD	1300	1400	22/02/2021	100	Left lane	69	
RUAPAPA ROAD	1300	1400	22/02/2021	84	Right lane	72	
RUAPAPA ROAD	1400	1500	22/02/2021	70	Left lane	68	
RUAPAPA ROAD	1400	1500	22/02/2021	89	Right lane	71	
RUAPAPA ROAD	1500	1600	22/02/2021	71	Left lane	72	
RUAPAPA ROAD	1500	1600	22/02/2021	87	Right lane	70	
RUAPAPA ROAD	1600	1700	22/02/2021	60	Left lane	83	
RUAPAPA ROAD	1600	1700	22/02/2021	83	Right lane	69	
RUAPAPA ROAD	1700	1800	22/02/2021	74	Left lane	88	
RUAPAPA ROAD	1700	1800	22/02/2021	90	Right lane	70	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAPAPA ROAD	1800	1900	22/02/2021	63	Left lane	88	
RUAPAPA ROAD	1800	1900	22/02/2021	100	Right lane	69	
RUAPAPA ROAD	1900	2000	22/02/2021	81	Left lane	86	
RUAPAPA ROAD	1900	2000	22/02/2021	59	Right lane	70	
RUAPAPA ROAD	2000	2100	22/02/2021	82	Left lane	83	
RUAPAPA ROAD	2000	2100	22/02/2021	64	Right lane	71	
RUAPAPA ROAD	2100	2200	22/02/2021	62	Left lane	81	
RUAPAPA ROAD	2100	2200	22/02/2021	61	Right lane	69	
RUAPAPA ROAD	2200	2300	22/02/2021	72	Left lane	79	
RUAPAPA ROAD	2200	2300	22/02/2021	77	Right lane	66	
RUAPAPA ROAD	2300	2400	22/02/2021	134	Left lane	63	
RUAPAPA ROAD	2300	2400	22/02/2021	99	Right lane	52	
RUAPAPA ROAD	2400	2500	22/02/2021	189	Left lane	40	
RUAPAPA ROAD	2400	2500	22/02/2021	178	Right lane	41	
RUAPAPA ROAD	2500	2600	22/02/2021	152	Left lane	37	BRIDGE Abutment end (Both)
RUAPAPA ROAD	2500	2600	22/02/2021	147	Right lane	43	
RUAPAPA ROAD	2600	2700	22/02/2021	153	Left lane	43	BRIDGE Abutment end (Both)
RUAPAPA ROAD	2600	2700	22/02/2021	185	Right lane	49	
RUAPAPA ROAD	2700	2800	22/02/2021	79	Left lane	55	
RUAPAPA ROAD	2700	2800	22/02/2021	83	Right lane	55	
RUAPAPA ROAD	2800	2900	22/02/2021	89	Left lane	52	
RUAPAPA ROAD	2800	2900	22/02/2021	121	Right lane	53	
RUAPAPA ROAD	2900	3000	22/02/2021	71	Left lane	62	
RUAPAPA ROAD	2900	3000	22/02/2021	80	Right lane	61	
RUAPAPA ROAD	3000	3100	22/02/2021	93	Left lane	57	
RUAPAPA ROAD	3000	3100	22/02/2021	105	Right lane	53	
RUAPAPA ROAD	3100	3200	22/02/2021	96	Left lane	48	
RUAPAPA ROAD	3100	3200	22/02/2021	98	Right lane	56	
RUAPAPA ROAD	3200	3300	22/02/2021	93	Left lane	64	
RUAPAPA ROAD	3200	3300	22/02/2021	68	Right lane	76	
RUAPAPA ROAD	3300	3400	22/02/2021	75	Left lane	66	
RUAPAPA ROAD	3300	3400	22/02/2021	149	Right lane	78	
RUAPAPA ROAD	3400	3500	22/02/2021	100	Left lane	76	
RUAPAPA ROAD	3400	3500	22/02/2021	165	Right lane	78	
RUAPAPA ROAD	3500	3600	22/02/2021	92	Left lane	79	
RUAPAPA ROAD	3500	3600	22/02/2021	130	Right lane	80	
RUAPAPA ROAD	3600	3700	22/02/2021	76	Left lane	70	
RUAPAPA ROAD	3600	3700	22/02/2021	128	Right lane	80	
RUAPAPA ROAD	3700	3800	22/02/2021	86	Left lane	61	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAPAPA ROAD	3700	3800	22/02/2021	150	Right lane	70	BRIDGE Abutment end (Both)
RUAPAPA ROAD	3800	3900	22/02/2021	174	Left lane	54	
RUAPAPA ROAD	3800	3900	22/02/2021	143	Right lane	59	
RUAPAPA ROAD	3900	4000	22/02/2021	71	Left lane	54	
RUAPAPA ROAD	3900	4000	22/02/2021	81	Right lane	63	
RUAPAPA ROAD	4000	4100	22/02/2021	103	Left lane	31	
RUAPAPA ROAD	4000	4100	22/02/2021	92	Right lane	39	
RUAPAPA ROAD	4100	4106	22/02/2021	241	Left lane	21	
RUAPAPA ROAD	4100	4106	22/02/2021	107	Right lane	31	
RUAPAPA ROAD	7800	7900	22/02/2021	94	Left lane	40	
RUAPAPA ROAD	7800	7900	22/02/2021	87	Right lane	44	
RUAPAPA ROAD	7900	8000	22/02/2021	86	Left lane	54	
RUAPAPA ROAD	7900	8000	22/02/2021	94	Right lane	60	
RUAPAPA ROAD	8000	8100	22/02/2021	59	Left lane	56	
RUAPAPA ROAD	8000	8100	22/02/2021	59	Right lane	62	
RUAPAPA ROAD	8100	8200	22/02/2021	68	Left lane	61	
RUAPAPA ROAD	8100	8200	22/02/2021	75	Right lane	65	
RUAPAPA ROAD	8200	8300	22/02/2021	68	Left lane	60	
RUAPAPA ROAD	8200	8300	22/02/2021	69	Right lane	63	
RUAPAPA ROAD	8300	8400	22/02/2021	77	Left lane	65	
RUAPAPA ROAD	8300	8400	22/02/2021	72	Right lane	67	
RUAPAPA ROAD	8400	8500	22/02/2021	102	Left lane	68	
RUAPAPA ROAD	8400	8500	22/02/2021	91	Right lane	69	
RUAPAPA ROAD	8500	8600	22/02/2021	82	Left lane	67	
RUAPAPA ROAD	8500	8600	22/02/2021	79	Right lane	56	
RUAPAPA ROAD	8600	8700	22/02/2021	84	Left lane	48	
RUAPAPA ROAD	8600	8700	22/02/2021	95	Right lane	45	
RUAPAPA ROAD	8700	8800	22/02/2021	92	Left lane	42	
RUAPAPA ROAD	8700	8800	22/02/2021	94	Right lane	50	
RUAPAPA ROAD	8800	8900	22/02/2021	73	Left lane	54	
RUAPAPA ROAD	8800	8900	22/02/2021	76	Right lane	57	
RUAPAPA ROAD	8900	9000	22/02/2021	60	Left lane	65	
RUAPAPA ROAD	8900	9000	22/02/2021	68	Right lane	62	
RUAPAPA ROAD	9000	9100	22/02/2021	76	Left lane	61	
RUAPAPA ROAD	9000	9100	22/02/2021	95	Right lane	59	
RUAPAPA ROAD	9100	9200	22/02/2021	70	Left lane	52	
RUAPAPA ROAD	9100	9200	22/02/2021	66	Right lane	52	
RUAPAPA ROAD	9200	9300	22/02/2021	99	Left lane	46	
RUAPAPA ROAD	9200	9300	22/02/2021	106	Right lane	48	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAPAPA ROAD	9300	9400	22/02/2021	88	Left lane	44
RUAPAPA ROAD	9300	9400	22/02/2021	110	Right lane	46
RUAPAPA ROAD	9400	9500	22/02/2021	75	Left lane	46
RUAPAPA ROAD	9400	9500	22/02/2021	87	Right lane	42
RUAPAPA ROAD	9500	9600	22/02/2021	99	Left lane	35
RUAPAPA ROAD	9500	9600	22/02/2021	145	Right lane	36
RUAPAPA ROAD	9600	9700	22/02/2021	88	Left lane	44
RUAPAPA ROAD	9600	9700	22/02/2021	100	Right lane	48
RUAPAPA ROAD	9700	9800	22/02/2021	94	Left lane	53
RUAPAPA ROAD	9700	9800	22/02/2021	102	Right lane	52
RUAPAPA ROAD	9800	9900	22/02/2021	86	Left lane	59
RUAPAPA ROAD	9800	9900	22/02/2021	114	Right lane	47
RUAPAPA ROAD	9900	10000	22/02/2021	79	Left lane	51
RUAPAPA ROAD	9900	10000	22/02/2021	120	Right lane	38
RUAPAPA ROAD	10000	10100	22/02/2021	117	Left lane	43
RUAPAPA ROAD	10000	10100	22/02/2021	93	Right lane	40
RUAPAPA ROAD	10100	10200	22/02/2021	66	Left lane	56
RUAPAPA ROAD	10100	10200	22/02/2021	82	Right lane	47
RUAPAPA ROAD	10200	10300	22/02/2021	88	Left lane	55
RUAPAPA ROAD	10200	10300	22/02/2021	92	Right lane	43
RUAPAPA ROAD	10300	10400	22/02/2021	111	Left lane	48
RUAPAPA ROAD	10300	10400	22/02/2021	122	Right lane	46
RUAPAPA ROAD	10400	10500	22/02/2021	93	Left lane	53
RUAPAPA ROAD	10400	10500	22/02/2021	121	Right lane	47
RUAPAPA ROAD	10500	10600	22/02/2021	95	Left lane	46
RUAPAPA ROAD	10500	10600	22/02/2021	86	Right lane	51
RUAPAPA ROAD	10600	10700	22/02/2021	95	Left lane	46
RUAPAPA ROAD	10600	10700	22/02/2021	98	Right lane	47
RUAPAPA ROAD	10700	10800	22/02/2021	105	Left lane	53
RUAPAPA ROAD	10700	10800	22/02/2021	94	Right lane	53
RUAPAPA ROAD	10800	10900	22/02/2021	113	Left lane	57
RUAPAPA ROAD	10800	10900	22/02/2021	121	Right lane	57
RUAPAPA ROAD	10900	11000	22/02/2021	85	Left lane	61
RUAPAPA ROAD	10900	11000	22/02/2021	69	Right lane	59
RUAPAPA ROAD	11000	11100	22/02/2021	116	Left lane	54
RUAPAPA ROAD	11000	11100	22/02/2021	103	Right lane	54
RUAPAPA ROAD	11100	11200	22/02/2021	107	Left lane	55
RUAPAPA ROAD	11100	11200	22/02/2021	88	Right lane	60
RUAPAPA ROAD	11200	11300	22/02/2021	80	Left lane	59

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAPAPA ROAD	11200	11300	22/02/2021	112	Right lane	66	
RUAPAPA ROAD	11300	11400	22/02/2021	61	Left lane	74	
RUAPAPA ROAD	11300	11400	22/02/2021	103	Right lane	78	
RUAPAPA ROAD	11400	11500	22/02/2021	85	Left lane	81	
RUAPAPA ROAD	11400	11500	22/02/2021	112	Right lane	80	
RUAPAPA ROAD	11500	11600	22/02/2021	80	Left lane	79	
RUAPAPA ROAD	11500	11600	22/02/2021	70	Right lane	77	
RUAPAPA ROAD	11600	11700	22/02/2021	63	Left lane	78	
RUAPAPA ROAD	11600	11700	22/02/2021	115	Right lane	75	
RUAPAPA ROAD	11700	11800	22/02/2021	129	Left lane	79	
RUAPAPA ROAD	11700	11800	22/02/2021	120	Right lane	72	
RUAPAPA ROAD	11800	11900	22/02/2021	80	Left lane	68	
RUAPAPA ROAD	11800	11900	22/02/2021	81	Right lane	70	
RUAPAPA ROAD	11900	12000	22/02/2021	127	Left lane	60	BRIDGE Abutment end (Both)
RUAPAPA ROAD	11900	12000	22/02/2021	118	Right lane	65	
RUAPAPA ROAD	12000	12100	22/02/2021	133	Left lane	58	BRIDGE Abutment end (Both)
RUAPAPA ROAD	12000	12100	22/02/2021	144	Right lane	70	
RUAPAPA ROAD	12100	12200	22/02/2021	78	Left lane	59	
RUAPAPA ROAD	12100	12200	22/02/2021	73	Right lane	71	
RUAPAPA ROAD	12200	12300	22/02/2021	60	Left lane	61	
RUAPAPA ROAD	12200	12300	22/02/2021	60	Right lane	83	
RUAPAPA ROAD	12300	12400	22/02/2021	62	Left lane	64	
RUAPAPA ROAD	12300	12400	22/02/2021	52	Right lane	84	
RUAPAPA ROAD	12400	12500	22/02/2021	68	Left lane	74	
RUAPAPA ROAD	12400	12500	22/02/2021	66	Right lane	84	
RUAPAPA ROAD	12500	12600	22/02/2021	59	Left lane	78	
RUAPAPA ROAD	12500	12600	22/02/2021	58	Right lane	83	
RUAPAPA ROAD	12600	12700	22/02/2021	60	Left lane	79	
RUAPAPA ROAD	12600	12700	22/02/2021	44	Right lane	76	
RUAPAPA ROAD	12700	12800	22/02/2021	63	Left lane	73	
RUAPAPA ROAD	12700	12800	22/02/2021	58	Right lane	69	
RUAPAPA ROAD	12800	12886	22/02/2021	85	Left lane	54	
RUAPAPA ROAD	12800	12886	22/02/2021	75	Right lane	39	
RUAPAPA ROAD	16400	16500	22/02/2021	108	Left lane	35	BRIDGE Abutment end (Both)
RUAPAPA ROAD	16400	16500	22/02/2021	95	Right lane	37	
RUAPAPA ROAD	16500	16600	22/02/2021	119	Left lane	42	BRIDGE Abutment end (Both)
RUAPAPA ROAD	16500	16600	22/02/2021	139	Right lane	49	
RUAPAPA ROAD	16600	16700	22/02/2021	183	Left lane	46	
RUAPAPA ROAD	16600	16700	22/02/2021	147	Right lane	50	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAPAPA ROAD	16700	16800	22/02/2021	93	Left lane	52	
RUAPAPA ROAD	16700	16800	22/02/2021	126	Right lane	52	
RUAPAPA ROAD	16800	16900	22/02/2021	106	Left lane	47	
RUAPAPA ROAD	16800	16900	22/02/2021	105	Right lane	46	
RUAPAPA ROAD	16900	17000	22/02/2021	111	Left lane	53	
RUAPAPA ROAD	16900	17000	22/02/2021	98	Right lane	50	
RUAPAPA ROAD	17000	17100	22/02/2021	138	Left lane	48	
RUAPAPA ROAD	17000	17100	22/02/2021	92	Right lane	49	
RUAPAPA ROAD	17100	17200	22/02/2021	110	Left lane	59	
RUAPAPA ROAD	17100	17200	22/02/2021	152	Right lane	59	
RUAPAPA ROAD	17200	17300	22/02/2021	102	Left lane	63	
RUAPAPA ROAD	17200	17300	22/02/2021	93	Right lane	68	
RUAPAPA ROAD	17300	17400	22/02/2021	119	Left lane	62	
RUAPAPA ROAD	17300	17400	22/02/2021	83	Right lane	66	
RUAPAPA ROAD	17400	17500	22/02/2021	138	Left lane	43	UNSEALED Road begin
RUAPAPA ROAD	17400	17500	22/02/2021	96	Right lane	46	
RUAPAPA ROAD	17500	17600	22/02/2021	131	Left lane	32	UNSEALED Road begin
RUAPAPA ROAD	17500	17600	22/02/2021	192	Right lane	40	UNSEALED Road begin
RUAPAPA ROAD	17600	17700	22/02/2021	113	Left lane	50	
RUAPAPA ROAD	17600	17700	22/02/2021	103	Right lane	55	
RUAPAPA ROAD	17700	17800	22/02/2021	149	Left lane	49	
RUAPAPA ROAD	17700	17800	22/02/2021	105	Right lane	56	
RUAPAPA ROAD	17800	17900	22/02/2021	143	Left lane	48	
RUAPAPA ROAD	17800	17900	22/02/2021	139	Right lane	48	
RUAPAPA ROAD	17900	18000	22/02/2021	137	Left lane	48	
RUAPAPA ROAD	17900	18000	22/02/2021	137	Right lane	48	
RUAPAPA ROAD	18000	18100	22/02/2021	121	Left lane	46	
RUAPAPA ROAD	18000	18100	22/02/2021	106	Right lane	50	
RUAPAPA ROAD	18100	18200	22/02/2021	92	Left lane	48	
RUAPAPA ROAD	18100	18200	22/02/2021	109	Right lane	56	
RUAPAPA ROAD	18200	18300	22/02/2021	119	Left lane	56	
RUAPAPA ROAD	18200	18300	22/02/2021	131	Right lane	65	
RUAPAPA ROAD	18300	18400	22/02/2021	104	Left lane	60	
RUAPAPA ROAD	18300	18400	22/02/2021	94	Right lane	62	
RUAPAPA ROAD	18400	18500	22/02/2021	120	Left lane	60	
RUAPAPA ROAD	18400	18500	22/02/2021	122	Right lane	53	
RUAPAPA ROAD	18500	18600	22/02/2021	152	Left lane	51	
RUAPAPA ROAD	18500	18600	22/02/2021	130	Right lane	52	
RUAPAPA ROAD	18600	18700	22/02/2021	147	Left lane	60	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAPAPA ROAD	18600	18700	22/02/2021	140	Right lane	55
RUAPAPA ROAD	18700	18800	22/02/2021	106	Left lane	57
RUAPAPA ROAD	18700	18800	22/02/2021	98	Right lane	54
RUAPAPA ROAD	18800	18900	22/02/2021	139	Left lane	58
RUAPAPA ROAD	18800	18900	22/02/2021	120	Right lane	61
RUAPAPA ROAD	18900	19000	22/02/2021	120	Left lane	63
RUAPAPA ROAD	18900	19000	22/02/2021	131	Right lane	64
RUAPAPA ROAD	19000	19100	22/02/2021	100	Left lane	65
RUAPAPA ROAD	19000	19100	22/02/2021	115	Right lane	61
RUAPAPA ROAD	19100	19200	22/02/2021	82	Left lane	51
RUAPAPA ROAD	19100	19200	22/02/2021	93	Right lane	48
RUAPAPA ROAD	19200	19300	22/02/2021	128	Left lane	44
RUAPAPA ROAD	19200	19300	22/02/2021	132	Right lane	45
RUAPAPA ROAD	19300	19400	22/02/2021	100	Left lane	50
RUAPAPA ROAD	19300	19400	22/02/2021	96	Right lane	48
RUAPAPA ROAD	19400	19489	22/02/2021	130	Left lane	44
RUAPAPA ROAD	19400	19489	22/02/2021	114	Right lane	32
RUATANIWHA ROAD	0	100	22/02/2021	74	Left lane	40
RUATANIWHA ROAD	0	100	22/02/2021	67	Right lane	52
RUATANIWHA ROAD	100	200	22/02/2021	67	Left lane	47
RUATANIWHA ROAD	100	200	22/02/2021	67	Right lane	51
RUATANIWHA ROAD	200	300	22/02/2021	64	Left lane	53
RUATANIWHA ROAD	200	300	22/02/2021	77	Right lane	47
RUATANIWHA ROAD	300	400	22/02/2021	56	Left lane	60
RUATANIWHA ROAD	300	400	22/02/2021	80	Right lane	47
RUATANIWHA ROAD	400	500	22/02/2021	67	Left lane	68
RUATANIWHA ROAD	400	500	22/02/2021	86	Right lane	55
RUATANIWHA ROAD	500	600	22/02/2021	83	Left lane	71
RUATANIWHA ROAD	500	600	22/02/2021	75	Right lane	63
RUATANIWHA ROAD	600	700	22/02/2021	59	Left lane	70
RUATANIWHA ROAD	600	700	22/02/2021	58	Right lane	71
RUATANIWHA ROAD	700	800	22/02/2021	90	Left lane	69
RUATANIWHA ROAD	700	800	22/02/2021	79	Right lane	71
RUATANIWHA ROAD	800	900	22/02/2021	73	Left lane	70
RUATANIWHA ROAD	800	900	22/02/2021	83	Right lane	71
RUATANIWHA ROAD	900	1000	22/02/2021	74	Left lane	70
RUATANIWHA ROAD	900	1000	22/02/2021	62	Right lane	65
RUATANIWHA ROAD	1000	1100	22/02/2021	101	Left lane	68
RUATANIWHA ROAD	1000	1100	22/02/2021	99	Right lane	62

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUATANIWHA ROAD	1100	1200	22/02/2021	67	Left lane	70
RUATANIWHA ROAD	1100	1200	22/02/2021	72	Right lane	64
RUATANIWHA ROAD	1200	1300	22/02/2021	74	Left lane	71
RUATANIWHA ROAD	1200	1300	22/02/2021	88	Right lane	67
RUATANIWHA ROAD	1300	1400	22/02/2021	71	Left lane	71
RUATANIWHA ROAD	1300	1400	22/02/2021	66	Right lane	67
RUATANIWHA ROAD	1400	1500	22/02/2021	75	Left lane	63
RUATANIWHA ROAD	1400	1500	22/02/2021	61	Right lane	62
RUATANIWHA ROAD	1500	1600	22/02/2021	58	Left lane	56
RUATANIWHA ROAD	1500	1600	22/02/2021	70	Right lane	64
RUATANIWHA ROAD	1600	1700	22/02/2021	111	Left lane	64
RUATANIWHA ROAD	1600	1700	22/02/2021	97	Right lane	70
RUATANIWHA ROAD	1700	1800	22/02/2021	71	Left lane	67
RUATANIWHA ROAD	1700	1800	22/02/2021	63	Right lane	71
RUATANIWHA ROAD	1800	1900	22/02/2021	60	Left lane	67
RUATANIWHA ROAD	1800	1900	22/02/2021	57	Right lane	70
RUATANIWHA ROAD	1900	2000	22/02/2021	56	Left lane	71
RUATANIWHA ROAD	1900	2000	22/02/2021	63	Right lane	69
RUATANIWHA ROAD	2000	2100	22/02/2021	57	Left lane	72
RUATANIWHA ROAD	2000	2100	22/02/2021	62	Right lane	69
RUATANIWHA ROAD	2100	2200	22/02/2021	74	Left lane	72
RUATANIWHA ROAD	2100	2200	22/02/2021	59	Right lane	69
RUATANIWHA ROAD	2200	2300	22/02/2021	75	Left lane	72
RUATANIWHA ROAD	2200	2300	22/02/2021	75	Right lane	70
RUATANIWHA ROAD	2300	2400	22/02/2021	70	Left lane	70
RUATANIWHA ROAD	2300	2400	22/02/2021	59	Right lane	68
RUATANIWHA ROAD	2400	2500	22/02/2021	62	Left lane	66
RUATANIWHA ROAD	2400	2500	22/02/2021	82	Right lane	63
RUATANIWHA ROAD	2500	2600	22/02/2021	63	Left lane	63
RUATANIWHA ROAD	2500	2600	22/02/2021	74	Right lane	59
RUATANIWHA ROAD	2600	2700	22/02/2021	71	Left lane	67
RUATANIWHA ROAD	2600	2700	22/02/2021	52	Right lane	57
RUATANIWHA ROAD	2700	2800	22/02/2021	58	Left lane	70
RUATANIWHA ROAD	2700	2800	22/02/2021	61	Right lane	61
RUATANIWHA ROAD	2800	2900	22/02/2021	59	Left lane	68
RUATANIWHA ROAD	2800	2900	22/02/2021	59	Right lane	60
RUATANIWHA ROAD	2900	3000	22/02/2021	75	Left lane	67
RUATANIWHA ROAD	2900	3000	22/02/2021	72	Right lane	56
RUATANIWHA ROAD	3000	3100	22/02/2021	59	Left lane	71

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUATANIWHA ROAD	3000	3100	22/02/2021	82	Right lane	54
RUATANIWHA ROAD	3100	3200	22/02/2021	88	Left lane	61
RUATANIWHA ROAD	3100	3200	22/02/2021	77	Right lane	46
RUATANIWHA ROAD	3200	3246	22/02/2021	103	Left lane	36
RUATANIWHA ROAD	3200	3246	22/02/2021	100	Right lane	22
RUSSELL PARADE	0	100	21/02/2021	151	Left lane	36
RUSSELL PARADE	0	100	21/02/2021	141	Right lane	34
RUSSELL PARADE	100	200	21/02/2021	114	Left lane	42
RUSSELL PARADE	100	200	21/02/2021	107	Right lane	52
RUSSELL PARADE	200	300	21/02/2021	134	Left lane	48
RUSSELL PARADE	200	300	21/02/2021	101	Right lane	54
RUSSELL PARADE	300	400	21/02/2021	97	Left lane	45
RUSSELL PARADE	300	400	21/02/2021	90	Right lane	52
RUSSELL PARADE	400	500	21/02/2021	103	Left lane	44
RUSSELL PARADE	400	500	21/02/2021	96	Right lane	52
RUSSELL PARADE	500	600	21/02/2021	115	Left lane	48
RUSSELL PARADE	500	600	21/02/2021	151	Right lane	53
RUSSELL PARADE	600	700	21/02/2021	67	Left lane	51
RUSSELL PARADE	600	700	21/02/2021	87	Right lane	53
RUSSELL PARADE	700	800	21/02/2021	81	Left lane	45
RUSSELL PARADE	700	800	21/02/2021	76	Right lane	49
RUSSELL PARADE	800	900	21/02/2021	95	Left lane	32
RUSSELL PARADE	800	900	21/02/2021	116	Right lane	31
RUSSELL PARADE	900	977	21/02/2021	117	Left lane	29
RUSSELL PARADE	900	977	21/02/2021	143	Right lane	14
RUTHERFORD STREET	0	100	21/02/2021	145	Left lane	30
RUTHERFORD STREET	0	100	21/02/2021	108	Right lane	32
RUTHERFORD STREET	100	200	21/02/2021	90	Left lane	40
RUTHERFORD STREET	100	200	21/02/2021	116	Right lane	37
RUTHERFORD STREET	200	300	21/02/2021	116	Left lane	27
RUTHERFORD STREET	200	300	21/02/2021	140	Right lane	28
RUTHERFORD STREET	300	400	21/02/2021	91	Left lane	39
RUTHERFORD STREET	300	400	21/02/2021	84	Right lane	38
RUTHERFORD STREET	400	500	21/02/2021	146	Left lane	28
RUTHERFORD STREET	400	500	21/02/2021	121	Right lane	27
RUTHERFORD STREET	500	600	21/02/2021	37	Left lane	46
RUTHERFORD STREET	500	600	21/02/2021	33	Right lane	49
RUTHERFORD STREET	600	700	21/02/2021	25	Left lane	52
RUTHERFORD STREET	600	700	21/02/2021	34	Right lane	51

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUTHERFORD STREET	700	800	21/02/2021	33	Left lane	53
RUTHERFORD STREET	700	800	21/02/2021	55	Right lane	50
RUTHERFORD STREET	800	900	21/02/2021	40	Left lane	54
RUTHERFORD STREET	800	900	21/02/2021	57	Right lane	50
RUTHERFORD STREET	900	1000	21/02/2021	50	Left lane	51
RUTHERFORD STREET	900	1000	21/02/2021	39	Right lane	48
RUTHERFORD STREET	1000	1044	21/02/2021	81	Left lane	26
RUTHERFORD STREET	1000	1044	21/02/2021	61	Right lane	24
SCOTT STREET	0	100	21/02/2021	103	Left lane	32
SCOTT STREET	0	100	21/02/2021	102	Right lane	33
SCOTT STREET	100	200	21/02/2021	76	Left lane	43
SCOTT STREET	100	200	21/02/2021	98	Right lane	43
SCOTT STREET	200	300	21/02/2021	79	Left lane	43
SCOTT STREET	200	300	21/02/2021	95	Right lane	42
SCOTT STREET	300	400	21/02/2021	79	Left lane	43
SCOTT STREET	300	400	21/02/2021	92	Right lane	40
SCOTT STREET	400	494	21/02/2021	99	Left lane	32
SCOTT STREET	400	494	21/02/2021	110	Right lane	30
SEDDON STREET	0	100	21/02/2021	70	Left lane	35
SEDDON STREET	0	100	21/02/2021	65	Right lane	42
SEDDON STREET	100	200	21/02/2021	102	Left lane	51
SEDDON STREET	100	200	21/02/2021	100	Right lane	46
SEDDON STREET	200	300	21/02/2021	51	Left lane	52
SEDDON STREET	200	300	21/02/2021	65	Right lane	46
SEDDON STREET	300	361	21/02/2021	145	Left lane	38
SEDDON STREET	300	361	21/02/2021	100	Right lane	27
SOMMERVILLE STREET	0	100	22/02/2021	98	Left lane	34
SOMMERVILLE STREET	0	100	22/02/2021	85	Right lane	36
SOMMERVILLE STREET	100	200	22/02/2021	171	Left lane	28
SOMMERVILLE STREET	100	200	22/02/2021	154	Right lane	28
SOMMERVILLE STREET	200	300	22/02/2021	153	Left lane	32
SOMMERVILLE STREET	200	300	22/02/2021	136	Right lane	32
SOMMERVILLE STREET	300	400	22/02/2021	164	Left lane	39
SOMMERVILLE STREET	300	400	22/02/2021	154	Right lane	34
SOMMERVILLE STREET	400	500	22/02/2021	141	Left lane	44
SOMMERVILLE STREET	400	500	22/02/2021	132	Right lane	35
SOMMERVILLE STREET	500	600	22/02/2021	148	Left lane	38
SOMMERVILLE STREET	500	600	22/02/2021	143	Right lane	33
SOMMERVILLE STREET	600	646	22/02/2021	178	Left lane	20

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

SOMMERVILLE STREET	600	646	22/02/2021	153	Right lane	16	
SPOONERS POINT	0	81	25/02/2021	96	Left lane	30	Post-Survey Added val
SPOONERS POINT	0	81	25/02/2021	96	Right lane	30	Post-Survey Added val
SPUR ROAD	0	67	25/02/2021	96	Left lane	30	Post-Survey Added val
SPUR ROAD	0	67	25/02/2021	96	Right lane	30	Post-Survey Added val
STABLE ROAD	0	30	25/02/2021	96	Left lane	30	Post-Survey Added val
STABLE ROAD	0	30	25/02/2021	96	Right lane	30	Post-Survey Added val
STOUT STREET	0	100	21/02/2021	118	Left lane	33	
STOUT STREET	0	100	21/02/2021	130	Right lane	37	
STOUT STREET	100	183	21/02/2021	162	Left lane	32	
STOUT STREET	100	183	21/02/2021	176	Right lane	25	
STURDEE STREET	0	100	24/02/2021	100	Left lane	37	
STURDEE STREET	0	100	24/02/2021	92	Right lane	35	
STURDEE STREET	100	200	24/02/2021	141	Left lane	47	
STURDEE STREET	100	200	24/02/2021	129	Right lane	39	
STURDEE STREET	200	243	24/02/2021	118	Left lane	21	
STURDEE STREET	200	243	24/02/2021	126	Right lane	23	
SYDNEY STREET	0	100	21/02/2021	133	Left lane	33	
SYDNEY STREET	0	100	21/02/2021	124	Right lane	34	
SYDNEY STREET	100	200	21/02/2021	205	Left lane	40	
SYDNEY STREET	100	200	21/02/2021	136	Right lane	38	
SYDNEY STREET	200	227	21/02/2021	252	Left lane	14	
SYDNEY STREET	200	227	21/02/2021	164	Right lane	19	
TAI STREET	0	100	22/02/2021	89	Left lane	33	
TAI STREET	0	100	22/02/2021	96	Right lane	32	
TAI STREET	100	115	22/02/2021	108	Left lane	17	
TAI STREET	100	115	22/02/2021	142	Right lane	20	
TAMAKAHU STREET	0	100	22/02/2021	90	Left lane	32	
TAMAKAHU STREET	0	100	22/02/2021	82	Right lane	45	
TAMAKAHU STREET	100	200	22/02/2021	91	Left lane	41	
TAMAKAHU STREET	100	200	22/02/2021	105	Right lane	54	
TAMAKAHU STREET	200	300	22/02/2021	114	Left lane	44	
TAMAKAHU STREET	200	300	22/02/2021	117	Right lane	51	
TAMAKAHU STREET	300	400	22/02/2021	95	Left lane	46	
TAMAKAHU STREET	300	400	22/02/2021	87	Right lane	54	
TAMAKAHU STREET	400	500	22/02/2021	68	Left lane	45	
TAMAKAHU STREET	400	500	22/02/2021	67	Right lane	46	
TAMAKAHU STREET	500	516	22/02/2021	145	Left lane	25	
TAMAKAHU STREET	500	516	22/02/2021	122	Right lane	28	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TAMURE CRESCENT	0	100	23/02/2021	126	Left lane	32	
TAMURE CRESCENT	0	100	23/02/2021	119	Right lane	32	
TAMURE CRESCENT	100	121	23/02/2021	124	Left lane	23	
TAMURE CRESCENT	100	121	23/02/2021	105	Right lane	11	
TARAPUKA WAY	0	68	25/02/2021	96	Left lane	30	Post-Survey Added val
TARAPUKA WAY	0	68	25/02/2021	96	Right lane	30	Post-Survey Added val
TARAPUNGA CLOSE	0	68	25/02/2021	96	Left lane	30	Post-Survey Added val
TARAPUNGA CLOSE	0	68	25/02/2021	96	Right lane	30	Post-Survey Added val
TAYLOR STREET	0	91	25/02/2021	96	Left lane	30	Post-Survey Added val
TAYLOR STREET	0	91	25/02/2021	96	Right lane	30	Post-Survey Added val
TE ARIKI ROAD	0	84	25/02/2021	96	Left lane	30	Post-Survey Added val
TE ARIKI ROAD	0	84	25/02/2021	96	Right lane	30	Post-Survey Added val
TE KAHU ROAD	600	700	20/02/2021	145	Left lane	24	
TE KAHU ROAD	600	700	20/02/2021	108	Right lane	29	
TE KAHU ROAD	700	800	20/02/2021	111	Left lane	31	
TE KAHU ROAD	700	800	20/02/2021	103	Right lane	33	
TE KAHU ROAD	800	900	20/02/2021	107	Left lane	35	
TE KAHU ROAD	800	900	20/02/2021	92	Right lane	35	
TE KAHU ROAD	900	1000	20/02/2021	101	Left lane	33	
TE KAHU ROAD	900	1000	20/02/2021	132	Right lane	32	
TE KAHU ROAD	1000	1100	20/02/2021	108	Left lane	27	
TE KAHU ROAD	1000	1100	20/02/2021	120	Right lane	29	
TE KAHU ROAD	1100	1200	20/02/2021	109	Left lane	27	
TE KAHU ROAD	1100	1200	20/02/2021	118	Right lane	28	
TE KAHU ROAD	1200	1223	20/02/2021	111	Left lane	22	
TE KAHU ROAD	1200	1223	20/02/2021	170	Right lane	18	
TE KAUWAHA STREET	0	100	22/02/2021	105	Left lane	35	
TE KAUWAHA STREET	0	100	22/02/2021	108	Right lane	39	
TE KAUWAHA STREET	100	171	22/02/2021	86	Left lane	32	
TE KAUWAHA STREET	100	171	22/02/2021	87	Right lane	33	
TE KUMI ROAD	0	100	20/02/2021	128	Left lane	28	
TE KUMI ROAD	0	100	20/02/2021	109	Right lane	32	
TE KUMI ROAD	100	112	20/02/2021	131	Left lane	29	
TE KUMI ROAD	100	112	20/02/2021	87	Right lane	27	
TE PAIRU ROAD	100	200	23/02/2021	120	Left lane	42	
TE PAIRU ROAD	100	200	23/02/2021	109	Right lane	48	
TE PAIRU ROAD	200	300	23/02/2021	78	Left lane	56	
TE PAIRU ROAD	200	300	23/02/2021	87	Right lane	57	
TE PAIRU ROAD	300	400	23/02/2021	67	Left lane	52	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TE PAIRU ROAD	300	400	23/02/2021	76	Right lane	43
TE PAIRU ROAD	400	404	23/02/2021	115	Left lane	29
TE PAIRU ROAD	400	404	23/02/2021	139	Right lane	30
TE PAIRU ROAD	500	600	23/02/2021	118	Left lane	17
TE PAIRU ROAD	500	600	23/02/2021	119	Right lane	35
TE PAIRU ROAD	600	677	23/02/2021	123	Left lane	28
TE PAIRU ROAD	600	677	23/02/2021	136	Right lane	29
TE RATO ROAD	0	100	22/02/2021	150	Left lane	33
TE RATO ROAD	0	100	22/02/2021	133	Right lane	41
TE RATO ROAD	100	200	22/02/2021	136	Left lane	45
TE RATO ROAD	100	200	22/02/2021	135	Right lane	43
TE RATO ROAD	200	247	22/02/2021	144	Left lane	21
TE RATO ROAD	200	247	22/02/2021	149	Right lane	24
TE UHI PA ROAD	0	100	22/02/2021	97	Left lane	39
TE UHI PA ROAD	0	100	22/02/2021	91	Right lane	39
TE UHI PA ROAD	100	200	22/02/2021	88	Left lane	51
TE UHI PA ROAD	100	200	22/02/2021	87	Right lane	48
TE UHI PA ROAD	200	300	22/02/2021	60	Left lane	46
TE UHI PA ROAD	200	300	22/02/2021	88	Right lane	39
TE UHI PA ROAD	300	400	22/02/2021	111	Left lane	29
TE UHI PA ROAD	300	400	22/02/2021	112	Right lane	25
TE UHI PA ROAD	400	413	22/02/2021	121	Left lane	12
TE UHI PA ROAD	400	413	22/02/2021	97	Right lane	7
TERAKIHI STREET	0	100	23/02/2021	86	Left lane	28
TERAKIHI STREET	0	100	23/02/2021	95	Right lane	28
TERAKIHI STREET	100	108	23/02/2021	179	Left lane	14
TERAKIHI STREET	100	108	23/02/2021	71	Right lane	6
THE CRESCENT	0	100	21/02/2021	156	Left lane	20
THE CRESCENT	0	100	21/02/2021	153	Right lane	25
THE CRESCENT	100	123	21/02/2021	202	Left lane	18
THE CRESCENT	100	123	21/02/2021	273	Right lane	8
TINIROTO ROAD	0	100	21/02/2021	97	Left lane	39
TINIROTO ROAD	0	100	21/02/2021	96	Right lane	33
TINIROTO ROAD	100	200	21/02/2021	72	Left lane	55
TINIROTO ROAD	100	200	21/02/2021	87	Right lane	63
TINIROTO ROAD	200	300	21/02/2021	54	Left lane	62
TINIROTO ROAD	200	300	21/02/2021	99	Right lane	72
TINIROTO ROAD	300	400	21/02/2021	82	Left lane	68
TINIROTO ROAD	300	400	21/02/2021	63	Right lane	78

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	400	500	21/02/2021	69	Left lane	73	
TINIROTO ROAD	400	500	21/02/2021	98	Right lane	82	
TINIROTO ROAD	500	600	21/02/2021	54	Left lane	70	
TINIROTO ROAD	500	600	21/02/2021	45	Right lane	79	
TINIROTO ROAD	600	700	21/02/2021	75	Left lane	72	
TINIROTO ROAD	600	700	21/02/2021	68	Right lane	72	
TINIROTO ROAD	700	800	21/02/2021	66	Left lane	81	
TINIROTO ROAD	700	800	21/02/2021	65	Right lane	77	
TINIROTO ROAD	800	900	21/02/2021	79	Left lane	83	
TINIROTO ROAD	800	900	21/02/2021	67	Right lane	86	
TINIROTO ROAD	900	1000	21/02/2021	50	Left lane	81	
TINIROTO ROAD	900	1000	21/02/2021	56	Right lane	87	
TINIROTO ROAD	1000	1100	21/02/2021	49	Left lane	81	
TINIROTO ROAD	1000	1100	21/02/2021	67	Right lane	86	
TINIROTO ROAD	1100	1200	21/02/2021	77	Left lane	82	
TINIROTO ROAD	1100	1200	21/02/2021	110	Right lane	87	
TINIROTO ROAD	1200	1300	21/02/2021	51	Left lane	84	
TINIROTO ROAD	1200	1300	21/02/2021	105	Right lane	86	
TINIROTO ROAD	1300	1400	21/02/2021	60	Left lane	86	
TINIROTO ROAD	1300	1400	21/02/2021	72	Right lane	86	
TINIROTO ROAD	1400	1500	21/02/2021	57	Left lane	83	
TINIROTO ROAD	1400	1500	21/02/2021	50	Right lane	85	
TINIROTO ROAD	1500	1600	21/02/2021	142	Left lane	82	
TINIROTO ROAD	1500	1600	21/02/2021	124	Right lane	83	
TINIROTO ROAD	1600	1700	21/02/2021	95	Left lane	80	
TINIROTO ROAD	1600	1700	21/02/2021	109	Right lane	83	
TINIROTO ROAD	1700	1800	21/02/2021	93	Left lane	78	
TINIROTO ROAD	1700	1800	21/02/2021	117	Right lane	80	
TINIROTO ROAD	1800	1900	21/02/2021	151	Left lane	71	
TINIROTO ROAD	1800	1900	21/02/2021	114	Right lane	76	
TINIROTO ROAD	1900	2000	21/02/2021	142	Left lane	50	
TINIROTO ROAD	1900	2000	21/02/2021	94	Right lane	60	
TINIROTO ROAD	2000	2100	21/02/2021	99	Left lane	50	
TINIROTO ROAD	2000	2100	21/02/2021	108	Right lane	61	
TINIROTO ROAD	2100	2200	21/02/2021	150	Left lane	51	BRIDGE Abutment end (Both)
TINIROTO ROAD	2100	2200	21/02/2021	169	Right lane	68	
TINIROTO ROAD	2200	2300	21/02/2021	63	Left lane	55	
TINIROTO ROAD	2200	2300	21/02/2021	65	Right lane	77	
TINIROTO ROAD	2300	2400	21/02/2021	89	Left lane	66	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	2300	2400	21/02/2021	90	Right lane	79
TINIROTO ROAD	2400	2500	21/02/2021	76	Left lane	71
TINIROTO ROAD	2400	2500	21/02/2021	118	Right lane	85
TINIROTO ROAD	2500	2600	21/02/2021	55	Left lane	73
TINIROTO ROAD	2500	2600	21/02/2021	72	Right lane	86
TINIROTO ROAD	2600	2700	21/02/2021	56	Left lane	75
TINIROTO ROAD	2600	2700	21/02/2021	62	Right lane	83
TINIROTO ROAD	2700	2800	21/02/2021	75	Left lane	79
TINIROTO ROAD	2700	2800	21/02/2021	79	Right lane	87
TINIROTO ROAD	2800	2900	21/02/2021	74	Left lane	77
TINIROTO ROAD	2800	2900	21/02/2021	84	Right lane	86
TINIROTO ROAD	2900	3000	21/02/2021	64	Left lane	74
TINIROTO ROAD	2900	3000	21/02/2021	59	Right lane	80
TINIROTO ROAD	3000	3100	21/02/2021	79	Left lane	75
TINIROTO ROAD	3000	3100	21/02/2021	72	Right lane	80
TINIROTO ROAD	3100	3200	21/02/2021	63	Left lane	74
TINIROTO ROAD	3100	3200	21/02/2021	64	Right lane	74
TINIROTO ROAD	3200	3300	21/02/2021	67	Left lane	71
TINIROTO ROAD	3200	3300	21/02/2021	97	Right lane	73
TINIROTO ROAD	3300	3400	21/02/2021	86	Left lane	77
TINIROTO ROAD	3300	3400	21/02/2021	82	Right lane	75
TINIROTO ROAD	3400	3500	21/02/2021	85	Left lane	76
TINIROTO ROAD	3400	3500	21/02/2021	85	Right lane	77
TINIROTO ROAD	3500	3600	21/02/2021	48	Left lane	73
TINIROTO ROAD	3500	3600	21/02/2021	106	Right lane	76
TINIROTO ROAD	3600	3700	21/02/2021	90	Left lane	68
TINIROTO ROAD	3600	3700	21/02/2021	69	Right lane	72
TINIROTO ROAD	3700	3800	21/02/2021	139	Left lane	67
TINIROTO ROAD	3700	3800	21/02/2021	97	Right lane	71
TINIROTO ROAD	3800	3900	21/02/2021	116	Left lane	74
TINIROTO ROAD	3800	3900	21/02/2021	112	Right lane	79
TINIROTO ROAD	3900	4000	21/02/2021	112	Left lane	77
TINIROTO ROAD	3900	4000	21/02/2021	63	Right lane	84
TINIROTO ROAD	4000	4100	21/02/2021	134	Left lane	76
TINIROTO ROAD	4000	4100	21/02/2021	105	Right lane	86
TINIROTO ROAD	4100	4200	21/02/2021	83	Left lane	73
TINIROTO ROAD	4100	4200	21/02/2021	64	Right lane	86
TINIROTO ROAD	4200	4300	21/02/2021	90	Left lane	75
TINIROTO ROAD	4200	4300	21/02/2021	76	Right lane	83

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	4300	4400	21/02/2021	71	Left lane	75	
TINIROTO ROAD	4300	4400	21/02/2021	79	Right lane	84	
TINIROTO ROAD	4400	4500	21/02/2021	84	Left lane	72	
TINIROTO ROAD	4400	4500	21/02/2021	123	Right lane	85	
TINIROTO ROAD	4500	4600	21/02/2021	72	Left lane	66	
TINIROTO ROAD	4500	4600	21/02/2021	68	Right lane	82	
TINIROTO ROAD	4600	4700	21/02/2021	99	Left lane	67	BRIDGE Abutment end (Both)
TINIROTO ROAD	4600	4700	21/02/2021	92	Right lane	81	
TINIROTO ROAD	4700	4800	21/02/2021	128	Left lane	65	BRIDGE Abutment end (Both)
TINIROTO ROAD	4700	4800	21/02/2021	153	Right lane	82	
TINIROTO ROAD	4800	4900	21/02/2021	55	Left lane	68	
TINIROTO ROAD	4800	4900	21/02/2021	87	Right lane	77	
TINIROTO ROAD	4900	5000	21/02/2021	77	Left lane	71	
TINIROTO ROAD	4900	5000	21/02/2021	86	Right lane	77	
TINIROTO ROAD	5000	5100	21/02/2021	69	Left lane	70	
TINIROTO ROAD	5000	5100	21/02/2021	108	Right lane	75	
TINIROTO ROAD	5100	5200	21/02/2021	52	Left lane	72	
TINIROTO ROAD	5100	5200	21/02/2021	105	Right lane	78	
TINIROTO ROAD	5200	5300	21/02/2021	72	Left lane	74	
TINIROTO ROAD	5200	5300	21/02/2021	81	Right lane	78	
TINIROTO ROAD	5300	5400	21/02/2021	65	Left lane	74	
TINIROTO ROAD	5300	5400	21/02/2021	51	Right lane	84	
TINIROTO ROAD	5400	5500	21/02/2021	63	Left lane	71	
TINIROTO ROAD	5400	5500	21/02/2021	56	Right lane	84	
TINIROTO ROAD	5500	5600	21/02/2021	95	Left lane	71	
TINIROTO ROAD	5500	5600	21/02/2021	89	Right lane	79	
TINIROTO ROAD	5600	5700	21/02/2021	66	Left lane	70	
TINIROTO ROAD	5600	5700	21/02/2021	52	Right lane	74	
TINIROTO ROAD	5700	5800	21/02/2021	53	Left lane	69	
TINIROTO ROAD	5700	5800	21/02/2021	54	Right lane	75	
TINIROTO ROAD	5800	5900	21/02/2021	58	Left lane	68	
TINIROTO ROAD	5800	5900	21/02/2021	49	Right lane	73	
TINIROTO ROAD	5900	6000	21/02/2021	58	Left lane	64	
TINIROTO ROAD	5900	6000	21/02/2021	49	Right lane	71	
TINIROTO ROAD	6000	6100	21/02/2021	60	Left lane	64	
TINIROTO ROAD	6000	6100	21/02/2021	75	Right lane	68	
TINIROTO ROAD	6100	6200	21/02/2021	43	Left lane	69	
TINIROTO ROAD	6100	6200	21/02/2021	68	Right lane	72	
TINIROTO ROAD	6200	6300	21/02/2021	78	Left lane	67	

Project Number 2-Y1300 DM VT121
 Wairoa District Council
 2020 Rfoughness Report

TINIROTO ROAD	6200	6300	21/02/2021	84	Right lane	69	
TINIROTO ROAD	6300	6400	21/02/2021	134	Left lane	76	
TINIROTO ROAD	6300	6400	21/02/2021	84	Right lane	74	
TINIROTO ROAD	6400	6500	21/02/2021	87	Left lane	74	
TINIROTO ROAD	6400	6500	21/02/2021	98	Right lane	78	
TINIROTO ROAD	6500	6600	21/02/2021	109	Left lane	66	
TINIROTO ROAD	6500	6600	21/02/2021	101	Right lane	78	
TINIROTO ROAD	6600	6700	21/02/2021	72	Left lane	66	
TINIROTO ROAD	6600	6700	21/02/2021	105	Right lane	82	
TINIROTO ROAD	6700	6800	21/02/2021	100	Left lane	70	
TINIROTO ROAD	6700	6800	21/02/2021	73	Right lane	83	
TINIROTO ROAD	6800	6900	21/02/2021	84	Left lane	69	
TINIROTO ROAD	6800	6900	21/02/2021	61	Right lane	81	
TINIROTO ROAD	6900	7000	21/02/2021	73	Left lane	69	
TINIROTO ROAD	6900	7000	21/02/2021	63	Right lane	75	
TINIROTO ROAD	7000	7100	21/02/2021	59	Left lane	74	
TINIROTO ROAD	7000	7100	21/02/2021	71	Right lane	74	
TINIROTO ROAD	7100	7200	21/02/2021	60	Left lane	66	
TINIROTO ROAD	7100	7200	21/02/2021	67	Right lane	68	
TINIROTO ROAD	7200	7300	21/02/2021	99	Left lane	62	
TINIROTO ROAD	7200	7300	21/02/2021	102	Right lane	69	
TINIROTO ROAD	7300	7400	21/02/2021	73	Left lane	59	
TINIROTO ROAD	7300	7400	21/02/2021	75	Right lane	66	
TINIROTO ROAD	7400	7500	21/02/2021	83	Left lane	54	
TINIROTO ROAD	7400	7500	21/02/2021	66	Right lane	62	
TINIROTO ROAD	7500	7600	21/02/2021	64	Left lane	62	
TINIROTO ROAD	7500	7600	21/02/2021	64	Right lane	72	
TINIROTO ROAD	7600	7700	21/02/2021	64	Left lane	66	
TINIROTO ROAD	7600	7700	21/02/2021	52	Right lane	85	
TINIROTO ROAD	7700	7800	21/02/2021	71	Left lane	65	
TINIROTO ROAD	7700	7800	21/02/2021	58	Right lane	80	
TINIROTO ROAD	7800	7900	21/02/2021	51	Left lane	70	
TINIROTO ROAD	7800	7900	21/02/2021	46	Right lane	81	
TINIROTO ROAD	7900	8000	21/02/2021	39	Left lane	76	
TINIROTO ROAD	7900	8000	21/02/2021	44	Right lane	85	
TINIROTO ROAD	8000	8100	21/02/2021	58	Left lane	80	
TINIROTO ROAD	8000	8100	21/02/2021	51	Right lane	86	
TINIROTO ROAD	8100	8200	21/02/2021	113	Left lane	76	BRIDGE Abutment end (Both)
TINIROTO ROAD	8100	8200	21/02/2021	138	Right lane	85	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	8200	8300	21/02/2021	53	Left lane	69
TINIROTO ROAD	8200	8300	21/02/2021	120	Right lane	84
TINIROTO ROAD	8300	8400	21/02/2021	56	Left lane	71
TINIROTO ROAD	8300	8400	21/02/2021	62	Right lane	80
TINIROTO ROAD	8400	8500	21/02/2021	63	Left lane	81
TINIROTO ROAD	8400	8500	21/02/2021	50	Right lane	83
TINIROTO ROAD	8500	8600	21/02/2021	91	Left lane	85
TINIROTO ROAD	8500	8600	21/02/2021	107	Right lane	85
TINIROTO ROAD	8600	8700	21/02/2021	66	Left lane	83
TINIROTO ROAD	8600	8700	21/02/2021	69	Right lane	87
TINIROTO ROAD	8700	8800	21/02/2021	71	Left lane	78
TINIROTO ROAD	8700	8800	21/02/2021	69	Right lane	87
TINIROTO ROAD	8800	8900	21/02/2021	40	Left lane	76
TINIROTO ROAD	8800	8900	21/02/2021	67	Right lane	83
TINIROTO ROAD	8900	9000	21/02/2021	64	Left lane	77
TINIROTO ROAD	8900	9000	21/02/2021	82	Right lane	81
TINIROTO ROAD	9000	9100	21/02/2021	62	Left lane	80
TINIROTO ROAD	9000	9100	21/02/2021	58	Right lane	84
TINIROTO ROAD	9100	9200	21/02/2021	81	Left lane	82
TINIROTO ROAD	9100	9200	21/02/2021	72	Right lane	88
TINIROTO ROAD	9200	9300	21/02/2021	62	Left lane	81
TINIROTO ROAD	9200	9300	21/02/2021	63	Right lane	88
TINIROTO ROAD	9300	9400	21/02/2021	62	Left lane	82
TINIROTO ROAD	9300	9400	21/02/2021	53	Right lane	87
TINIROTO ROAD	9400	9500	21/02/2021	50	Left lane	80
TINIROTO ROAD	9400	9500	21/02/2021	57	Right lane	86
TINIROTO ROAD	9500	9600	21/02/2021	60	Left lane	76
TINIROTO ROAD	9500	9600	21/02/2021	52	Right lane	89
TINIROTO ROAD	9600	9700	21/02/2021	65	Left lane	75
TINIROTO ROAD	9600	9700	21/02/2021	56	Right lane	89
TINIROTO ROAD	9700	9800	21/02/2021	52	Left lane	77
TINIROTO ROAD	9700	9800	21/02/2021	61	Right lane	90
TINIROTO ROAD	9800	9900	21/02/2021	42	Left lane	78
TINIROTO ROAD	9800	9900	21/02/2021	61	Right lane	90
TINIROTO ROAD	9900	10000	21/02/2021	59	Left lane	82
TINIROTO ROAD	9900	10000	21/02/2021	62	Right lane	89
TINIROTO ROAD	10000	10100	21/02/2021	104	Left lane	80
TINIROTO ROAD	10000	10100	21/02/2021	114	Right lane	86
TINIROTO ROAD	10100	10200	21/02/2021	97	Left lane	75

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	10100	10200	21/02/2021	116	Right lane	75
TINIROTO ROAD	10200	10300	21/02/2021	125	Left lane	70
TINIROTO ROAD	10200	10300	21/02/2021	145	Right lane	67
TINIROTO ROAD	10300	10400	21/02/2021	115	Left lane	52
TINIROTO ROAD	10300	10400	21/02/2021	122	Right lane	72
TINIROTO ROAD	10400	10500	21/02/2021	123	Left lane	50
TINIROTO ROAD	10400	10500	21/02/2021	123	Right lane	77
TINIROTO ROAD	10500	10600	21/02/2021	88	Left lane	61
TINIROTO ROAD	10500	10600	21/02/2021	103	Right lane	80
TINIROTO ROAD	10600	10700	21/02/2021	55	Left lane	61
TINIROTO ROAD	10600	10700	21/02/2021	60	Right lane	77
TINIROTO ROAD	10700	10800	21/02/2021	58	Left lane	67
TINIROTO ROAD	10700	10800	21/02/2021	51	Right lane	77
TINIROTO ROAD	10800	10900	21/02/2021	43	Left lane	67
TINIROTO ROAD	10800	10900	21/02/2021	61	Right lane	78
TINIROTO ROAD	10900	11000	21/02/2021	77	Left lane	66
TINIROTO ROAD	10900	11000	21/02/2021	87	Right lane	74
TINIROTO ROAD	11000	11100	21/02/2021	43	Left lane	64
TINIROTO ROAD	11000	11100	21/02/2021	83	Right lane	70
TINIROTO ROAD	11100	11200	21/02/2021	75	Left lane	67
TINIROTO ROAD	11100	11200	21/02/2021	53	Right lane	76
TINIROTO ROAD	11200	11300	21/02/2021	139	Left lane	67
TINIROTO ROAD	11200	11300	21/02/2021	102	Right lane	78
TINIROTO ROAD	11300	11400	21/02/2021	98	Left lane	69
TINIROTO ROAD	11300	11400	21/02/2021	118	Right lane	83
TINIROTO ROAD	11400	11500	21/02/2021	90	Left lane	78
TINIROTO ROAD	11400	11500	21/02/2021	139	Right lane	84
TINIROTO ROAD	11500	11600	21/02/2021	66	Left lane	78
TINIROTO ROAD	11500	11600	21/02/2021	79	Right lane	84
TINIROTO ROAD	11600	11700	21/02/2021	55	Left lane	78
TINIROTO ROAD	11600	11700	21/02/2021	46	Right lane	83
TINIROTO ROAD	11700	11800	21/02/2021	55	Left lane	77
TINIROTO ROAD	11700	11800	21/02/2021	73	Right lane	82
TINIROTO ROAD	11800	11900	21/02/2021	108	Left lane	76
TINIROTO ROAD	11800	11900	21/02/2021	108	Right lane	79
TINIROTO ROAD	11900	12000	21/02/2021	77	Left lane	75
TINIROTO ROAD	11900	12000	21/02/2021	95	Right lane	72
TINIROTO ROAD	12000	12100	21/02/2021	115	Left lane	78
TINIROTO ROAD	12000	12100	21/02/2021	126	Right lane	73

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	12100	12200	21/02/2021	68	Left lane	73	
TINIROTO ROAD	12100	12200	21/02/2021	84	Right lane	74	
TINIROTO ROAD	12200	12300	21/02/2021	95	Left lane	62	BRIDGE Abutment end (Both)
TINIROTO ROAD	12200	12300	21/02/2021	91	Right lane	63	
TINIROTO ROAD	12300	12400	21/02/2021	148	Left lane	49	BRIDGE Abutment end (Both)
TINIROTO ROAD	12300	12400	21/02/2021	182	Right lane	54	
TINIROTO ROAD	12400	12500	21/02/2021	67	Left lane	56	
TINIROTO ROAD	12400	12500	21/02/2021	85	Right lane	69	
TINIROTO ROAD	12500	12600	21/02/2021	52	Left lane	69	
TINIROTO ROAD	12500	12600	21/02/2021	50	Right lane	82	
TINIROTO ROAD	12600	12700	21/02/2021	57	Left lane	76	
TINIROTO ROAD	12600	12700	21/02/2021	57	Right lane	85	
TINIROTO ROAD	12700	12800	21/02/2021	64	Left lane	77	
TINIROTO ROAD	12700	12800	21/02/2021	70	Right lane	86	
TINIROTO ROAD	12800	12900	21/02/2021	60	Left lane	75	
TINIROTO ROAD	12800	12900	21/02/2021	67	Right lane	85	
TINIROTO ROAD	12900	13000	21/02/2021	40	Left lane	75	
TINIROTO ROAD	12900	13000	21/02/2021	49	Right lane	86	
TINIROTO ROAD	13000	13100	21/02/2021	85	Left lane	76	
TINIROTO ROAD	13000	13100	21/02/2021	88	Right lane	85	
TINIROTO ROAD	13100	13200	21/02/2021	71	Left lane	74	
TINIROTO ROAD	13100	13200	21/02/2021	115	Right lane	85	
TINIROTO ROAD	13200	13300	21/02/2021	89	Left lane	76	
TINIROTO ROAD	13200	13300	21/02/2021	69	Right lane	86	
TINIROTO ROAD	13300	13400	21/02/2021	112	Left lane	79	
TINIROTO ROAD	13300	13400	21/02/2021	64	Right lane	84	
TINIROTO ROAD	13400	13500	21/02/2021	139	Left lane	77	
TINIROTO ROAD	13400	13500	21/02/2021	133	Right lane	84	
TINIROTO ROAD	13500	13600	21/02/2021	115	Left lane	75	
TINIROTO ROAD	13500	13600	21/02/2021	85	Right lane	84	
TINIROTO ROAD	13600	13700	21/02/2021	86	Left lane	76	
TINIROTO ROAD	13600	13700	21/02/2021	106	Right lane	81	
TINIROTO ROAD	13700	13800	21/02/2021	64	Left lane	79	
TINIROTO ROAD	13700	13800	21/02/2021	40	Right lane	81	
TINIROTO ROAD	13800	13900	21/02/2021	112	Left lane	80	
TINIROTO ROAD	13800	13900	21/02/2021	112	Right lane	80	
TINIROTO ROAD	13900	14000	21/02/2021	80	Left lane	73	
TINIROTO ROAD	13900	14000	21/02/2021	102	Right lane	77	
TINIROTO ROAD	14000	14100	21/02/2021	132	Left lane	71	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	14000	14100	21/02/2021	105	Right lane	76	
TINIROTO ROAD	14100	14200	21/02/2021	116	Left lane	65	BRIDGE Abutment end (Both)
TINIROTO ROAD	14100	14200	21/02/2021	150	Right lane	74	
TINIROTO ROAD	14200	14300	21/02/2021	79	Left lane	65	BRIDGE Abutment end (Both)
TINIROTO ROAD	14200	14300	21/02/2021	107	Right lane	76	
TINIROTO ROAD	14300	14400	21/02/2021	39	Left lane	71	
TINIROTO ROAD	14300	14400	21/02/2021	70	Right lane	77	
TINIROTO ROAD	14400	14500	21/02/2021	60	Left lane	78	
TINIROTO ROAD	14400	14500	21/02/2021	64	Right lane	81	
TINIROTO ROAD	14500	14600	21/02/2021	38	Left lane	84	
TINIROTO ROAD	14500	14600	21/02/2021	52	Right lane	80	
TINIROTO ROAD	14600	14700	21/02/2021	52	Left lane	86	
TINIROTO ROAD	14600	14700	21/02/2021	51	Right lane	79	
TINIROTO ROAD	14700	14800	21/02/2021	49	Left lane	83	
TINIROTO ROAD	14700	14800	21/02/2021	65	Right lane	79	
TINIROTO ROAD	14800	14900	21/02/2021	55	Left lane	79	
TINIROTO ROAD	14800	14900	21/02/2021	63	Right lane	79	
TINIROTO ROAD	14900	15000	21/02/2021	65	Left lane	74	
TINIROTO ROAD	14900	15000	21/02/2021	58	Right lane	73	
TINIROTO ROAD	15000	15100	21/02/2021	53	Left lane	63	
TINIROTO ROAD	15000	15100	21/02/2021	71	Right lane	66	
TINIROTO ROAD	15100	15200	21/02/2021	49	Left lane	48	
TINIROTO ROAD	15100	15200	21/02/2021	48	Right lane	52	
TINIROTO ROAD	15200	15300	21/02/2021	57	Left lane	53	
TINIROTO ROAD	15200	15300	21/02/2021	48	Right lane	57	
TINIROTO ROAD	15300	15400	21/02/2021	46	Left lane	60	
TINIROTO ROAD	15300	15400	21/02/2021	40	Right lane	61	
TINIROTO ROAD	15400	15500	21/02/2021	66	Left lane	65	
TINIROTO ROAD	15400	15500	21/02/2021	60	Right lane	60	
TINIROTO ROAD	15500	15600	21/02/2021	53	Left lane	72	
TINIROTO ROAD	15500	15600	21/02/2021	58	Right lane	72	
TINIROTO ROAD	15600	15700	21/02/2021	74	Left lane	70	
TINIROTO ROAD	15600	15700	21/02/2021	57	Right lane	74	
TINIROTO ROAD	15700	15800	21/02/2021	104	Left lane	67	
TINIROTO ROAD	15700	15800	21/02/2021	99	Right lane	69	
TINIROTO ROAD	15800	15900	21/02/2021	96	Left lane	65	
TINIROTO ROAD	15800	15900	21/02/2021	82	Right lane	71	
TINIROTO ROAD	15900	16000	21/02/2021	66	Left lane	73	
TINIROTO ROAD	15900	16000	21/02/2021	75	Right lane	73	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	16000	16100	21/02/2021	105	Left lane	75	
TINIROTO ROAD	16000	16100	21/02/2021	131	Right lane	72	
TINIROTO ROAD	16100	16200	21/02/2021	63	Left lane	73	
TINIROTO ROAD	16100	16200	21/02/2021	80	Right lane	67	
TINIROTO ROAD	16200	16300	21/02/2021	133	Left lane	67	
TINIROTO ROAD	16200	16300	21/02/2021	116	Right lane	62	
TINIROTO ROAD	16300	16400	21/02/2021	83	Left lane	61	
TINIROTO ROAD	16300	16400	21/02/2021	91	Right lane	67	
TINIROTO ROAD	16400	16500	21/02/2021	134	Left lane	58	BRIDGE Abutment end (Both)
TINIROTO ROAD	16400	16500	21/02/2021	140	Right lane	72	
TINIROTO ROAD	16500	16600	21/02/2021	63	Left lane	68	
TINIROTO ROAD	16500	16600	21/02/2021	102	Right lane	76	
TINIROTO ROAD	16600	16700	21/02/2021	70	Left lane	71	
TINIROTO ROAD	16600	16700	21/02/2021	82	Right lane	76	
TINIROTO ROAD	16700	16800	21/02/2021	72	Left lane	72	
TINIROTO ROAD	16700	16800	21/02/2021	92	Right lane	75	
TINIROTO ROAD	16800	16900	21/02/2021	88	Left lane	73	
TINIROTO ROAD	16800	16900	21/02/2021	95	Right lane	74	
TINIROTO ROAD	16900	17000	21/02/2021	89	Left lane	74	
TINIROTO ROAD	16900	17000	21/02/2021	82	Right lane	78	
TINIROTO ROAD	17000	17100	21/02/2021	105	Left lane	75	
TINIROTO ROAD	17000	17100	21/02/2021	61	Right lane	83	
TINIROTO ROAD	17100	17200	21/02/2021	88	Left lane	73	
TINIROTO ROAD	17100	17200	21/02/2021	100	Right lane	80	
TINIROTO ROAD	17200	17300	21/02/2021	53	Left lane	75	
TINIROTO ROAD	17200	17300	21/02/2021	98	Right lane	76	
TINIROTO ROAD	17300	17400	21/02/2021	82	Left lane	72	
TINIROTO ROAD	17300	17400	21/02/2021	91	Right lane	71	
TINIROTO ROAD	17400	17500	21/02/2021	104	Left lane	73	
TINIROTO ROAD	17400	17500	21/02/2021	95	Right lane	69	
TINIROTO ROAD	17500	17600	21/02/2021	122	Left lane	72	
TINIROTO ROAD	17500	17600	21/02/2021	85	Right lane	69	
TINIROTO ROAD	17600	17700	21/02/2021	92	Left lane	66	
TINIROTO ROAD	17600	17700	21/02/2021	140	Right lane	64	
TINIROTO ROAD	17700	17800	21/02/2021	98	Left lane	51	
TINIROTO ROAD	17700	17800	21/02/2021	109	Right lane	48	
TINIROTO ROAD	17800	17900	21/02/2021	87	Left lane	47	
TINIROTO ROAD	17800	17900	21/02/2021	103	Right lane	53	
TINIROTO ROAD	17900	18000	21/02/2021	86	Left lane	56	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	17900	18000	21/02/2021	93	Right lane	64
TINIROTO ROAD	18000	18100	21/02/2021	67	Left lane	56
TINIROTO ROAD	18000	18100	21/02/2021	65	Right lane	57
TINIROTO ROAD	18100	18200	21/02/2021	88	Left lane	44
TINIROTO ROAD	18100	18200	21/02/2021	120	Right lane	46
TINIROTO ROAD	18200	18300	21/02/2021	69	Left lane	47
TINIROTO ROAD	18200	18300	21/02/2021	94	Right lane	51
TINIROTO ROAD	18300	18400	21/02/2021	94	Left lane	43
TINIROTO ROAD	18300	18400	21/02/2021	89	Right lane	51
TINIROTO ROAD	18400	18500	21/02/2021	78	Left lane	48
TINIROTO ROAD	18400	18500	21/02/2021	85	Right lane	57
TINIROTO ROAD	18500	18600	21/02/2021	72	Left lane	55
TINIROTO ROAD	18500	18600	21/02/2021	70	Right lane	65
TINIROTO ROAD	18600	18700	21/02/2021	94	Left lane	50
TINIROTO ROAD	18600	18700	21/02/2021	91	Right lane	58
TINIROTO ROAD	18700	18800	21/02/2021	97	Left lane	47
TINIROTO ROAD	18700	18800	21/02/2021	107	Right lane	58
TINIROTO ROAD	18800	18900	21/02/2021	60	Left lane	56
TINIROTO ROAD	18800	18900	21/02/2021	63	Right lane	66
TINIROTO ROAD	18900	19000	21/02/2021	78	Left lane	57
TINIROTO ROAD	18900	19000	21/02/2021	83	Right lane	64
TINIROTO ROAD	19000	19100	21/02/2021	124	Left lane	58
TINIROTO ROAD	19000	19100	21/02/2021	107	Right lane	72
TINIROTO ROAD	19100	19200	21/02/2021	130	Left lane	61
TINIROTO ROAD	19100	19200	21/02/2021	113	Right lane	79
TINIROTO ROAD	19200	19300	21/02/2021	106	Left lane	57
TINIROTO ROAD	19200	19300	21/02/2021	93	Right lane	79
TINIROTO ROAD	19300	19400	21/02/2021	78	Left lane	65
TINIROTO ROAD	19300	19400	21/02/2021	73	Right lane	74
TINIROTO ROAD	19400	19500	21/02/2021	105	Left lane	61
TINIROTO ROAD	19400	19500	21/02/2021	159	Right lane	65
TINIROTO ROAD	19500	19600	21/02/2021	83	Left lane	54
TINIROTO ROAD	19500	19600	21/02/2021	102	Right lane	64
TINIROTO ROAD	19600	19700	21/02/2021	84	Left lane	55
TINIROTO ROAD	19600	19700	21/02/2021	97	Right lane	67
TINIROTO ROAD	19700	19800	21/02/2021	60	Left lane	56
TINIROTO ROAD	19700	19800	21/02/2021	55	Right lane	64
TINIROTO ROAD	19800	19900	21/02/2021	77	Left lane	59
TINIROTO ROAD	19800	19900	21/02/2021	92	Right lane	68

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	19900	20000	21/02/2021	79	Left lane	64	
TINIROTO ROAD	19900	20000	21/02/2021	99	Right lane	73	
TINIROTO ROAD	20000	20100	21/02/2021	79	Left lane	60	
TINIROTO ROAD	20000	20100	21/02/2021	79	Right lane	74	
TINIROTO ROAD	20100	20200	21/02/2021	68	Left lane	59	
TINIROTO ROAD	20100	20200	21/02/2021	71	Right lane	75	
TINIROTO ROAD	20200	20300	21/02/2021	77	Left lane	61	
TINIROTO ROAD	20200	20300	21/02/2021	66	Right lane	79	
TINIROTO ROAD	20300	20400	21/02/2021	53	Left lane	66	
TINIROTO ROAD	20300	20400	21/02/2021	70	Right lane	77	
TINIROTO ROAD	20400	20500	21/02/2021	62	Left lane	67	
TINIROTO ROAD	20400	20500	21/02/2021	60	Right lane	80	
TINIROTO ROAD	20500	20600	21/02/2021	68	Left lane	63	
TINIROTO ROAD	20500	20600	21/02/2021	62	Right lane	79	
TINIROTO ROAD	20600	20700	21/02/2021	45	Left lane	63	
TINIROTO ROAD	20600	20700	21/02/2021	56	Right lane	78	
TINIROTO ROAD	20700	20800	21/02/2021	61	Left lane	60	
TINIROTO ROAD	20700	20800	21/02/2021	53	Right lane	75	
TINIROTO ROAD	20800	20900	21/02/2021	58	Left lane	58	
TINIROTO ROAD	20800	20900	21/02/2021	97	Right lane	65	
TINIROTO ROAD	20900	21000	21/02/2021	76	Left lane	46	
TINIROTO ROAD	20900	21000	21/02/2021	122	Right lane	48	
TINIROTO ROAD	21000	21100	21/02/2021	73	Left lane	54	
TINIROTO ROAD	21000	21100	21/02/2021	76	Right lane	55	
TINIROTO ROAD	21100	21200	21/02/2021	83	Left lane	51	
TINIROTO ROAD	21100	21200	21/02/2021	86	Right lane	57	
TINIROTO ROAD	21200	21300	21/02/2021	82	Left lane	56	
TINIROTO ROAD	21200	21300	21/02/2021	104	Right lane	68	
TINIROTO ROAD	21300	21400	21/02/2021	75	Left lane	62	
TINIROTO ROAD	21300	21400	21/02/2021	76	Right lane	75	
TINIROTO ROAD	21400	21500	21/02/2021	65	Left lane	65	
TINIROTO ROAD	21400	21500	21/02/2021	67	Right lane	86	
TINIROTO ROAD	21500	21600	21/02/2021	111	Left lane	61	BRIDGE Abutment end (Both)
TINIROTO ROAD	21500	21600	21/02/2021	135	Right lane	89	
TINIROTO ROAD	21600	21700	21/02/2021	94	Left lane	61	
TINIROTO ROAD	21600	21700	21/02/2021	98	Right lane	89	
TINIROTO ROAD	21700	21800	21/02/2021	75	Left lane	67	
TINIROTO ROAD	21700	21800	21/02/2021	79	Right lane	81	
TINIROTO ROAD	21800	21900	21/02/2021	86	Left lane	65	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	21800	21900	21/02/2021	106	Right lane	76	
TINIROTO ROAD	21900	22000	21/02/2021	85	Left lane	58	
TINIROTO ROAD	21900	22000	21/02/2021	90	Right lane	72	
TINIROTO ROAD	22000	22100	21/02/2021	69	Left lane	62	
TINIROTO ROAD	22000	22100	21/02/2021	75	Right lane	79	
TINIROTO ROAD	22100	22200	21/02/2021	55	Left lane	65	
TINIROTO ROAD	22100	22200	21/02/2021	90	Right lane	80	
TINIROTO ROAD	22200	22300	21/02/2021	89	Left lane	69	
TINIROTO ROAD	22200	22300	21/02/2021	78	Right lane	77	
TINIROTO ROAD	22300	22400	21/02/2021	65	Left lane	71	
TINIROTO ROAD	22300	22400	21/02/2021	80	Right lane	74	
TINIROTO ROAD	22400	22500	21/02/2021	51	Left lane	68	
TINIROTO ROAD	22400	22500	21/02/2021	58	Right lane	76	
TINIROTO ROAD	22500	22600	21/02/2021	94	Left lane	72	
TINIROTO ROAD	22500	22600	21/02/2021	62	Right lane	78	
TINIROTO ROAD	22600	22700	21/02/2021	74	Left lane	72	
TINIROTO ROAD	22600	22700	21/02/2021	77	Right lane	76	
TINIROTO ROAD	22700	22800	21/02/2021	82	Left lane	70	
TINIROTO ROAD	22700	22800	21/02/2021	76	Right lane	73	
TINIROTO ROAD	22800	22900	21/02/2021	58	Left lane	65	
TINIROTO ROAD	22800	22900	21/02/2021	48	Right lane	67	
TINIROTO ROAD	22900	23000	21/02/2021	47	Left lane	63	
TINIROTO ROAD	22900	23000	21/02/2021	50	Right lane	59	
TINIROTO ROAD	23000	23100	21/02/2021	81	Left lane	56	
TINIROTO ROAD	23000	23100	21/02/2021	52	Right lane	68	
TINIROTO ROAD	23100	23200	21/02/2021	47	Left lane	66	
TINIROTO ROAD	23100	23200	21/02/2021	71	Right lane	83	
TINIROTO ROAD	23200	23300	21/02/2021	47	Left lane	68	
TINIROTO ROAD	23200	23300	21/02/2021	55	Right lane	83	
TINIROTO ROAD	23300	23400	21/02/2021	67	Left lane	68	
TINIROTO ROAD	23300	23400	21/02/2021	61	Right lane	72	
TINIROTO ROAD	23400	23500	21/02/2021	58	Left lane	66	
TINIROTO ROAD	23400	23500	21/02/2021	68	Right lane	63	
TINIROTO ROAD	23500	23600	21/02/2021	81	Left lane	62	
TINIROTO ROAD	23500	23600	21/02/2021	90	Right lane	64	
TINIROTO ROAD	23600	23700	21/02/2021	110	Left lane	64	BRIDGE Abutment end (Both)
TINIROTO ROAD	23600	23700	21/02/2021	105	Right lane	65	
TINIROTO ROAD	23700	23800	21/02/2021	59	Left lane	63	
TINIROTO ROAD	23700	23800	21/02/2021	62	Right lane	62	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	23800	23900	21/02/2021	95	Left lane	55
TINIROTO ROAD	23800	23900	21/02/2021	87	Right lane	58
TINIROTO ROAD	23900	24000	21/02/2021	113	Left lane	51
TINIROTO ROAD	23900	24000	21/02/2021	77	Right lane	45
TINIROTO ROAD	24000	24100	21/02/2021	63	Left lane	46
TINIROTO ROAD	24000	24100	21/02/2021	71	Right lane	57
TINIROTO ROAD	24100	24200	21/02/2021	115	Left lane	58
TINIROTO ROAD	24100	24200	21/02/2021	85	Right lane	59
TINIROTO ROAD	24200	24300	21/02/2021	74	Left lane	55
TINIROTO ROAD	24200	24300	21/02/2021	75	Right lane	55
TINIROTO ROAD	24300	24400	21/02/2021	71	Left lane	49
TINIROTO ROAD	24300	24400	21/02/2021	69	Right lane	54
TINIROTO ROAD	24400	24500	21/02/2021	104	Left lane	54
TINIROTO ROAD	24400	24500	21/02/2021	89	Right lane	53
TINIROTO ROAD	24500	24600	21/02/2021	102	Left lane	51
TINIROTO ROAD	24500	24600	21/02/2021	99	Right lane	49
TINIROTO ROAD	24600	24700	21/02/2021	78	Left lane	56
TINIROTO ROAD	24600	24700	21/02/2021	87	Right lane	57
TINIROTO ROAD	24700	24800	21/02/2021	104	Left lane	55
TINIROTO ROAD	24700	24800	21/02/2021	107	Right lane	55
TINIROTO ROAD	24800	24900	21/02/2021	128	Left lane	46
TINIROTO ROAD	24800	24900	21/02/2021	103	Right lane	48
TINIROTO ROAD	24900	25000	21/02/2021	121	Left lane	43
TINIROTO ROAD	24900	25000	21/02/2021	114	Right lane	44
TINIROTO ROAD	25000	25100	21/02/2021	120	Left lane	39
TINIROTO ROAD	25000	25100	21/02/2021	130	Right lane	44
TINIROTO ROAD	25100	25200	21/02/2021	120	Left lane	45
TINIROTO ROAD	25100	25200	21/02/2021	139	Right lane	44
TINIROTO ROAD	25200	25300	21/02/2021	98	Left lane	46
TINIROTO ROAD	25200	25300	21/02/2021	79	Right lane	47
TINIROTO ROAD	25300	25400	21/02/2021	90	Left lane	54
TINIROTO ROAD	25300	25400	21/02/2021	65	Right lane	50
TINIROTO ROAD	25400	25500	21/02/2021	79	Left lane	50
TINIROTO ROAD	25400	25500	21/02/2021	109	Right lane	41
TINIROTO ROAD	25500	25600	21/02/2021	75	Left lane	44
TINIROTO ROAD	25500	25600	21/02/2021	96	Right lane	42
TINIROTO ROAD	25600	25700	21/02/2021	64	Left lane	56
TINIROTO ROAD	25600	25700	21/02/2021	45	Right lane	68
TINIROTO ROAD	25700	25800	21/02/2021	97	Left lane	56

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TINIROTO ROAD	25700	25800	21/02/2021	86	Right lane	71	
TINIROTO ROAD	25800	25900	21/02/2021	97	Left lane	56	
TINIROTO ROAD	25800	25900	21/02/2021	78	Right lane	69	
TINIROTO ROAD	25900	26000	21/02/2021	116	Left lane	54	
TINIROTO ROAD	25900	26000	21/02/2021	125	Right lane	70	
TINIROTO ROAD	26000	26100	21/02/2021	92	Left lane	56	
TINIROTO ROAD	26000	26100	21/02/2021	120	Right lane	68	
TINIROTO ROAD	26100	26200	21/02/2021	65	Left lane	63	
TINIROTO ROAD	26100	26200	21/02/2021	111	Right lane	78	
TINIROTO ROAD	26200	26300	21/02/2021	52	Left lane	67	
TINIROTO ROAD	26200	26300	21/02/2021	62	Right lane	80	
TINIROTO ROAD	26300	26400	21/02/2021	59	Left lane	58	
TINIROTO ROAD	26300	26400	21/02/2021	70	Right lane	74	
TINIROTO ROAD	26400	26500	21/02/2021	70	Left lane	60	
TINIROTO ROAD	26400	26500	21/02/2021	69	Right lane	73	
TINIROTO ROAD	26500	26600	21/02/2021	71	Left lane	61	
TINIROTO ROAD	26500	26600	21/02/2021	72	Right lane	73	
TINIROTO ROAD	26600	26700	21/02/2021	64	Left lane	60	
TINIROTO ROAD	26600	26700	21/02/2021	117	Right lane	62	
TINIROTO ROAD	26700	26800	21/02/2021	98	Left lane	62	
TINIROTO ROAD	26700	26800	21/02/2021	115	Right lane	66	
TINIROTO ROAD	26800	26900	21/02/2021	69	Left lane	65	
TINIROTO ROAD	26800	26900	21/02/2021	150	Right lane	68	
TINIROTO ROAD	26900	27000	21/02/2021	101	Left lane	61	
TINIROTO ROAD	26900	27000	21/02/2021	122	Right lane	68	
TINIROTO ROAD	27000	27028	21/02/2021	138	Left lane	54	
TINIROTO ROAD	27000	27028	21/02/2021	103	Right lane	69	
TIROHIA LANE	0	84	25/02/2021	96	Left lane	30	Post-Survey Added val
TIROHIA LANE	0	84	25/02/2021	96	Right lane	30	Post-Survey Added val
TITIRANGI ROAD	0	100	22/02/2021	123	Left lane	30	
TITIRANGI ROAD	0	100	22/02/2021	104	Right lane	31	
TITIRANGI ROAD	100	200	22/02/2021	82	Left lane	38	
TITIRANGI ROAD	100	200	22/02/2021	133	Right lane	40	
TITIRANGI ROAD	200	300	22/02/2021	81	Left lane	43	
TITIRANGI ROAD	200	300	22/02/2021	122	Right lane	45	
TITIRANGI ROAD	300	400	22/02/2021	113	Left lane	43	
TITIRANGI ROAD	300	400	22/02/2021	152	Right lane	53	
TITIRANGI ROAD	400	500	22/02/2021	142	Left lane	41	
TITIRANGI ROAD	400	500	22/02/2021	120	Right lane	50	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TITIRANGI ROAD	500	548	22/02/2021	106	Left lane	31	
TITIRANGI ROAD	500	548	22/02/2021	90	Right lane	33	
TOREA PLACE	0	76	25/02/2021	96	Left lane	30	Post-Survey Added val
TOREA PLACE	0	76	25/02/2021	96	Right lane	30	Post-Survey Added val
TOROAIIWHITI STREET	0	100	22/02/2021	84	Left lane	32	
TOROAIIWHITI STREET	0	100	22/02/2021	64	Right lane	35	
TOROAIIWHITI STREET	100	200	22/02/2021	70	Left lane	43	
TOROAIIWHITI STREET	100	200	22/02/2021	85	Right lane	42	
TOROAIIWHITI STREET	200	295	22/02/2021	61	Left lane	39	
TOROAIIWHITI STREET	200	295	22/02/2021	72	Right lane	34	
TUAI MAIN ROAD	0	100	22/02/2021	131	Left lane	33	
TUAI MAIN ROAD	0	100	22/02/2021	96	Right lane	45	
TUAI MAIN ROAD	100	200	22/02/2021	99	Left lane	43	
TUAI MAIN ROAD	100	200	22/02/2021	99	Right lane	43	
TUAI MAIN ROAD	200	300	22/02/2021	122	Left lane	41	
TUAI MAIN ROAD	200	300	22/02/2021	116	Right lane	37	
TUAI MAIN ROAD	300	400	22/02/2021	93	Left lane	41	
TUAI MAIN ROAD	300	400	22/02/2021	100	Right lane	43	
TUAI MAIN ROAD	400	500	22/02/2021	92	Left lane	49	
TUAI MAIN ROAD	400	500	22/02/2021	108	Right lane	45	
TUAI MAIN ROAD	500	600	22/02/2021	103	Left lane	45	
TUAI MAIN ROAD	500	600	22/02/2021	92	Right lane	39	
TUAI MAIN ROAD	600	700	22/02/2021	128	Left lane	37	
TUAI MAIN ROAD	600	700	22/02/2021	112	Right lane	34	
TUAI MAIN ROAD	700	800	22/02/2021	184	Left lane	29	GRID (eg Cattle Stop)
TUAI MAIN ROAD	700	800	22/02/2021	174	Right lane	28	
TUAI MAIN ROAD	800	900	22/02/2021	124	Left lane	28	
TUAI MAIN ROAD	800	900	22/02/2021	127	Right lane	38	
TUAI MAIN ROAD	900	1000	22/02/2021	169	Left lane	35	
TUAI MAIN ROAD	900	1000	22/02/2021	141	Right lane	36	
TUAI MAIN ROAD	1000	1100	22/02/2021	169	Left lane	31	
TUAI MAIN ROAD	1000	1100	22/02/2021	144	Right lane	32	
TUAI MAIN ROAD	1100	1200	22/02/2021	151	Left lane	32	
TUAI MAIN ROAD	1100	1200	22/02/2021	194	Right lane	36	
TUAI MAIN ROAD	1200	1300	22/02/2021	215	Left lane	35	
TUAI MAIN ROAD	1200	1300	22/02/2021	245	Right lane	37	
TUAI MAIN ROAD	1300	1400	22/02/2021	163	Left lane	37	
TUAI MAIN ROAD	1300	1400	22/02/2021	151	Right lane	37	
TUAI MAIN ROAD	1400	1500	22/02/2021	170	Left lane	37	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

TUAI MAIN ROAD	1400	1500	22/02/2021	162	Right lane	40
TUAI MAIN ROAD	1500	1600	22/02/2021	135	Left lane	36
TUAI MAIN ROAD	1500	1600	22/02/2021	120	Right lane	35
TUAI MAIN ROAD	1600	1641	22/02/2021	159	Left lane	29
TUAI MAIN ROAD	1600	1641	22/02/2021	145	Right lane	18
TUNANUI ROAD	0	100	22/02/2021	167	Left lane	29
TUNANUI ROAD	0	100	22/02/2021	164	Right lane	23
TUNANUI ROAD	100	200	22/02/2021	155	Left lane	41
TUNANUI ROAD	100	200	22/02/2021	154	Right lane	39
TUNANUI ROAD	200	300	22/02/2021	127	Left lane	44
TUNANUI ROAD	200	300	22/02/2021	136	Right lane	42
TUNANUI ROAD	300	400	22/02/2021	144	Left lane	37
TUNANUI ROAD	300	400	22/02/2021	163	Right lane	33
TUNANUI ROAD	400	500	22/02/2021	203	Left lane	39
TUNANUI ROAD	400	500	22/02/2021	193	Right lane	34
TUNANUI ROAD	500	600	22/02/2021	155	Left lane	40
TUNANUI ROAD	500	600	22/02/2021	160	Right lane	36
TUNANUI ROAD	600	654	22/02/2021	120	Left lane	32
TUNANUI ROAD	600	654	22/02/2021	135	Right lane	30
UPOKO TATARAMOA DRIVE	0	100	23/02/2021	90	Left lane	33
UPOKO TATARAMOA DRIVE	0	100	23/02/2021	104	Right lane	36
UPOKO TATARAMOA DRIVE	100	200	23/02/2021	134	Left lane	37
UPOKO TATARAMOA DRIVE	100	200	23/02/2021	156	Right lane	39
UPOKO TATARAMOA DRIVE	200	284	23/02/2021	112	Left lane	26
UPOKO TATARAMOA DRIVE	200	284	23/02/2021	120	Right lane	25
VALLEY ROAD	0	100	22/02/2021	161	Left lane	26
VALLEY ROAD	0	100	22/02/2021	111	Right lane	26
VALLEY ROAD	100	200	22/02/2021	131	Left lane	30
VALLEY ROAD	100	200	22/02/2021	119	Right lane	32
VALLEY ROAD	200	300	22/02/2021	124	Left lane	36
VALLEY ROAD	200	300	22/02/2021	140	Right lane	36
VALLEY ROAD	300	372	22/02/2021	126	Left lane	21
VALLEY ROAD	300	372	22/02/2021	161	Right lane	20
VICTORIA AVENUE	0	100	21/02/2021	130	Left lane	34
VICTORIA AVENUE	0	100	21/02/2021	98	Right lane	37
VICTORIA AVENUE	100	200	21/02/2021	128	Left lane	39
VICTORIA AVENUE	100	200	21/02/2021	85	Right lane	40
VICTORIA AVENUE	200	227	21/02/2021	234	Left lane	14
VICTORIA AVENUE	200	227	21/02/2021	163	Right lane	22

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WAHUNGA STREET	0	100	22/02/2021	97	Left lane	34	
WAHUNGA STREET	0	100	22/02/2021	87	Right lane	34	
WAHUNGA STREET	100	118	22/02/2021	86	Left lane	22	
WAHUNGA STREET	100	118	22/02/2021	102	Right lane	23	
WAI STREET	0	100	22/02/2021	107	Left lane	35	
WAI STREET	0	100	22/02/2021	101	Right lane	40	
WAI STREET	100	200	22/02/2021	85	Left lane	44	
WAI STREET	100	200	22/02/2021	103	Right lane	51	
WAI STREET	200	300	22/02/2021	115	Left lane	43	
WAI STREET	200	300	22/02/2021	143	Right lane	46	
WAI STREET	300	357	22/02/2021	107	Left lane	30	
WAI STREET	300	357	22/02/2021	121	Right lane	27	
WAIATAI ROAD	0	100	23/02/2021	92	Left lane	35	
WAIATAI ROAD	0	100	23/02/2021	126	Right lane	38	
WAIATAI ROAD	100	183	23/02/2021	219	Left lane	33	BRIDGE Abutment end (Both)
WAIATAI ROAD	100	183	23/02/2021	199	Right lane	35	
WAIATAI ROAD	2800	2900	23/02/2021	147	Left lane	34	BRIDGE Abutment end (Both)
WAIATAI ROAD	2800	2900	23/02/2021	186	Right lane	41	
WAIATAI ROAD	2900	2944	23/02/2021	97	Left lane	36	
WAIATAI ROAD	2900	2944	23/02/2021	123	Right lane	37	
WAIATAI ROAD	4700	4800	23/02/2021	134	Left lane	33	BRIDGE Abutment end (Both)
WAIATAI ROAD	4700	4800	23/02/2021	136	Right lane	35	
WAIATAI ROAD	4800	4846	23/02/2021	98	Left lane	35	
WAIATAI ROAD	4800	4846	23/02/2021	127	Right lane	29	
WAIHI ROAD	0	100	22/02/2021	108	Left lane	35	
WAIHI ROAD	0	100	22/02/2021	120	Right lane	40	
WAIHI ROAD	100	200	22/02/2021	82	Left lane	44	
WAIHI ROAD	100	200	22/02/2021	69	Right lane	52	
WAIHI ROAD	200	300	22/02/2021	116	Left lane	45	
WAIHI ROAD	200	300	22/02/2021	116	Right lane	45	
WAIHI ROAD	300	400	22/02/2021	67	Left lane	47	
WAIHI ROAD	300	400	22/02/2021	66	Right lane	45	
WAIHI ROAD	400	500	22/02/2021	144	Left lane	41	
WAIHI ROAD	400	500	22/02/2021	123	Right lane	40	
WAIHI ROAD	500	600	22/02/2021	70	Left lane	50	
WAIHI ROAD	500	600	22/02/2021	86	Right lane	45	
WAIHI ROAD	600	700	22/02/2021	67	Left lane	53	
WAIHI ROAD	600	700	22/02/2021	86	Right lane	45	
WAIHI ROAD	700	745	22/02/2021	77	Left lane	37	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WAIHI ROAD	700	745	22/02/2021	80	Right lane	26
WAIHINAHINA WAY	0	100	23/02/2021	114	Left lane	32
WAIHINAHINA WAY	0	100	23/02/2021	107	Right lane	33
WAIHINAHINA WAY	100	200	23/02/2021	87	Left lane	41
WAIHINAHINA WAY	100	200	23/02/2021	85	Right lane	34
WAIHINAHINA WAY	200	300	23/02/2021	102	Left lane	30
WAIHINAHINA WAY	200	300	23/02/2021	104	Right lane	26
WAIHINAHINA WAY	300	310	23/02/2021	150	Left lane	12
WAIHINAHINA WAY	300	310	23/02/2021	180	Right lane	6
WAIHIRERE ROAD	0	100	22/02/2021	118	Left lane	33
WAIHIRERE ROAD	0	100	22/02/2021	97	Right lane	35
WAIHIRERE ROAD	100	200	22/02/2021	91	Left lane	39
WAIHIRERE ROAD	100	200	22/02/2021	80	Right lane	46
WAIHIRERE ROAD	200	300	22/02/2021	114	Left lane	44
WAIHIRERE ROAD	200	300	22/02/2021	97	Right lane	48
WAIHIRERE ROAD	300	400	22/02/2021	99	Left lane	48
WAIHIRERE ROAD	300	400	22/02/2021	102	Right lane	53
WAIHIRERE ROAD	400	500	22/02/2021	120	Left lane	53
WAIHIRERE ROAD	400	500	22/02/2021	108	Right lane	57
WAIHIRERE ROAD	500	600	22/02/2021	75	Left lane	53
WAIHIRERE ROAD	500	600	22/02/2021	78	Right lane	54
WAIHIRERE ROAD	600	700	22/02/2021	119	Left lane	52
WAIHIRERE ROAD	600	700	22/02/2021	126	Right lane	52
WAIHIRERE ROAD	700	800	22/02/2021	71	Left lane	50
WAIHIRERE ROAD	700	800	22/02/2021	82	Right lane	48
WAIHIRERE ROAD	800	900	22/02/2021	94	Left lane	46
WAIHIRERE ROAD	800	900	22/02/2021	96	Right lane	44
WAIHIRERE ROAD	900	1000	22/02/2021	82	Left lane	47
WAIHIRERE ROAD	900	1000	22/02/2021	77	Right lane	47
WAIHIRERE ROAD	1000	1100	22/02/2021	112	Left lane	43
WAIHIRERE ROAD	1000	1100	22/02/2021	91	Right lane	39
WAIHIRERE ROAD	1100	1200	22/02/2021	108	Left lane	47
WAIHIRERE ROAD	1100	1200	22/02/2021	99	Right lane	43
WAIHIRERE ROAD	1200	1300	22/02/2021	76	Left lane	51
WAIHIRERE ROAD	1200	1300	22/02/2021	88	Right lane	54
WAIHIRERE ROAD	1300	1400	22/02/2021	73	Left lane	56
WAIHIRERE ROAD	1300	1400	22/02/2021	72	Right lane	53
WAIHIRERE ROAD	1400	1500	22/02/2021	84	Left lane	56
WAIHIRERE ROAD	1400	1500	22/02/2021	72	Right lane	53

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WAIHIRERE ROAD	1500	1600	22/02/2021	76	Left lane	59	
WAIHIRERE ROAD	1500	1600	22/02/2021	74	Right lane	53	
WAIHIRERE ROAD	1600	1700	22/02/2021	94	Left lane	66	
WAIHIRERE ROAD	1600	1700	22/02/2021	86	Right lane	53	
WAIHIRERE ROAD	1700	1800	22/02/2021	59	Left lane	67	
WAIHIRERE ROAD	1700	1800	22/02/2021	71	Right lane	53	
WAIHIRERE ROAD	1800	1900	22/02/2021	65	Left lane	64	
WAIHIRERE ROAD	1800	1900	22/02/2021	61	Right lane	52	
WAIHIRERE ROAD	1900	2000	22/02/2021	66	Left lane	60	
WAIHIRERE ROAD	1900	2000	22/02/2021	59	Right lane	48	
WAIHIRERE ROAD	2000	2032	22/02/2021	119	Left lane	41	
WAIHIRERE ROAD	2000	2032	22/02/2021	68	Right lane	23	
WAIHUA VALLEY ROAD	1000	1100	20/02/2021	104	Left lane	28	
WAIHUA VALLEY ROAD	1000	1100	20/02/2021	89	Right lane	31	
WAIHUA VALLEY ROAD	1100	1191	20/02/2021	115	Left lane	32	BRIDGE Abutment end (Both)
WAIHUA VALLEY ROAD	1100	1191	20/02/2021	162	Right lane	27	
WAIKAREMOANA ROAD (ROAD 38)	0	100	22/02/2021	100	Left lane	29	
WAIKAREMOANA ROAD (ROAD 38)	0	100	22/02/2021	103	Right lane	30	
WAIKAREMOANA ROAD (ROAD 38)	100	200	22/02/2021	209	Left lane	35	BRIDGE Abutment end (Both)
WAIKAREMOANA ROAD (ROAD 38)	100	200	22/02/2021	198	Right lane	35	
WAIKAREMOANA ROAD (ROAD 38)	200	300	22/02/2021	103	Left lane	37	
WAIKAREMOANA ROAD (ROAD 38)	200	300	22/02/2021	70	Right lane	38	
WAIKAREMOANA ROAD (ROAD 38)	300	400	22/02/2021	77	Left lane	41	
WAIKAREMOANA ROAD (ROAD 38)	300	400	22/02/2021	70	Right lane	44	
WAIKAREMOANA ROAD (ROAD 38)	400	500	22/02/2021	89	Left lane	41	
WAIKAREMOANA ROAD (ROAD 38)	400	500	22/02/2021	96	Right lane	39	
WAIKAREMOANA ROAD (ROAD 38)	500	600	22/02/2021	70	Left lane	45	
WAIKAREMOANA ROAD (ROAD 38)	500	600	22/02/2021	66	Right lane	43	
WAIKAREMOANA ROAD (ROAD 38)	600	700	22/02/2021	91	Left lane	42	
WAIKAREMOANA ROAD (ROAD 38)	600	700	22/02/2021	86	Right lane	40	
WAIKAREMOANA ROAD (ROAD 38)	700	800	22/02/2021	75	Left lane	46	
WAIKAREMOANA ROAD (ROAD 38)	700	800	22/02/2021	67	Right lane	49	
WAIKAREMOANA ROAD (ROAD 38)	800	900	22/02/2021	99	Left lane	51	
WAIKAREMOANA ROAD (ROAD 38)	800	900	22/02/2021	84	Right lane	51	
WAIKAREMOANA ROAD (ROAD 38)	900	1000	22/02/2021	71	Left lane	47	
WAIKAREMOANA ROAD (ROAD 38)	900	1000	22/02/2021	74	Right lane	47	
WAIKAREMOANA ROAD (ROAD 38)	1000	1100	22/02/2021	87	Left lane	46	
WAIKAREMOANA ROAD (ROAD 38)	1000	1100	22/02/2021	87	Right lane	49	
WAIKAREMOANA ROAD (ROAD 38)	1100	1200	22/02/2021	81	Left lane	45	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WAIKAREMOANA ROAD (ROAD 38)	1100	1200	22/02/2021	112	Right lane	46
WAIKAREMOANA ROAD (ROAD 38)	1200	1300	22/02/2021	123	Left lane	55
WAIKAREMOANA ROAD (ROAD 38)	1200	1300	22/02/2021	97	Right lane	56
WAIKAREMOANA ROAD (ROAD 38)	1300	1400	22/02/2021	105	Left lane	57
WAIKAREMOANA ROAD (ROAD 38)	1300	1400	22/02/2021	111	Right lane	56
WAIKAREMOANA ROAD (ROAD 38)	1400	1500	22/02/2021	114	Left lane	54
WAIKAREMOANA ROAD (ROAD 38)	1400	1500	22/02/2021	134	Right lane	51
WAIKAREMOANA ROAD (ROAD 38)	1500	1600	22/02/2021	83	Left lane	52
WAIKAREMOANA ROAD (ROAD 38)	1500	1600	22/02/2021	97	Right lane	49
WAIKAREMOANA ROAD (ROAD 38)	1600	1700	22/02/2021	104	Left lane	51
WAIKAREMOANA ROAD (ROAD 38)	1600	1700	22/02/2021	95	Right lane	49
WAIKAREMOANA ROAD (ROAD 38)	1700	1800	22/02/2021	112	Left lane	46
WAIKAREMOANA ROAD (ROAD 38)	1700	1800	22/02/2021	120	Right lane	44
WAIKAREMOANA ROAD (ROAD 38)	1800	1900	22/02/2021	100	Left lane	53
WAIKAREMOANA ROAD (ROAD 38)	1800	1900	22/02/2021	111	Right lane	49
WAIKAREMOANA ROAD (ROAD 38)	1900	2000	22/02/2021	71	Left lane	58
WAIKAREMOANA ROAD (ROAD 38)	1900	2000	22/02/2021	81	Right lane	49
WAIKAREMOANA ROAD (ROAD 38)	2000	2100	22/02/2021	112	Left lane	46
WAIKAREMOANA ROAD (ROAD 38)	2000	2100	22/02/2021	92	Right lane	43
WAIKAREMOANA ROAD (ROAD 38)	2100	2200	22/02/2021	100	Left lane	49
WAIKAREMOANA ROAD (ROAD 38)	2100	2200	22/02/2021	92	Right lane	50
WAIKAREMOANA ROAD (ROAD 38)	2200	2300	22/02/2021	109	Left lane	56
WAIKAREMOANA ROAD (ROAD 38)	2200	2300	22/02/2021	105	Right lane	51
WAIKAREMOANA ROAD (ROAD 38)	2300	2400	22/02/2021	121	Left lane	44
WAIKAREMOANA ROAD (ROAD 38)	2300	2400	22/02/2021	122	Right lane	44
WAIKAREMOANA ROAD (ROAD 38)	2400	2500	22/02/2021	95	Left lane	42
WAIKAREMOANA ROAD (ROAD 38)	2400	2500	22/02/2021	110	Right lane	45
WAIKAREMOANA ROAD (ROAD 38)	2500	2600	22/02/2021	103	Left lane	40
WAIKAREMOANA ROAD (ROAD 38)	2500	2600	22/02/2021	121	Right lane	40
WAIKAREMOANA ROAD (ROAD 38)	2600	2700	22/02/2021	135	Left lane	33
WAIKAREMOANA ROAD (ROAD 38)	2600	2700	22/02/2021	132	Right lane	33
WAIKAREMOANA ROAD (ROAD 38)	2700	2800	22/02/2021	143	Left lane	29
WAIKAREMOANA ROAD (ROAD 38)	2700	2800	22/02/2021	145	Right lane	33
WAIKAREMOANA ROAD (ROAD 38)	2800	2900	22/02/2021	131	Left lane	35
WAIKAREMOANA ROAD (ROAD 38)	2800	2900	22/02/2021	132	Right lane	43
WAIKAREMOANA ROAD (ROAD 38)	2900	3000	22/02/2021	130	Left lane	38
WAIKAREMOANA ROAD (ROAD 38)	2900	3000	22/02/2021	125	Right lane	44
WAIKAREMOANA ROAD (ROAD 38)	3000	3100	22/02/2021	133	Left lane	42
WAIKAREMOANA ROAD (ROAD 38)	3000	3100	22/02/2021	86	Right lane	44

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WAIKAREMOANA ROAD (ROAD 38)	3100	3200	22/02/2021	122	Left lane	35	
WAIKAREMOANA ROAD (ROAD 38)	3100	3200	22/02/2021	136	Right lane	30	
WAIKAREMOANA ROAD (ROAD 38)	3200	3257	22/02/2021	117	Left lane	34	
WAIKAREMOANA ROAD (ROAD 38)	3200	3257	22/02/2021	177	Right lane	28	
WAIKAREMOANA ROAD (ROAD 38)	8600	8700	22/02/2021	124	Left lane	16	
WAIKAREMOANA ROAD (ROAD 38)	8600	8700	22/02/2021	75	Right lane	27	
WAIKAREMOANA ROAD (ROAD 38)	8700	8800	22/02/2021	83	Left lane	36	
WAIKAREMOANA ROAD (ROAD 38)	8700	8800	22/02/2021	75	Right lane	36	
WAIKAREMOANA ROAD (ROAD 38)	8800	8900	22/02/2021	81	Left lane	51	
WAIKAREMOANA ROAD (ROAD 38)	8800	8900	22/02/2021	74	Right lane	49	
WAIKAREMOANA ROAD (ROAD 38)	8900	9000	22/02/2021	77	Left lane	39	
WAIKAREMOANA ROAD (ROAD 38)	8900	9000	22/02/2021	84	Right lane	44	
WAIKAREMOANA ROAD (ROAD 38)	9000	9100	22/02/2021	91	Left lane	47	
WAIKAREMOANA ROAD (ROAD 38)	9000	9100	22/02/2021	76	Right lane	46	
WAIKAREMOANA ROAD (ROAD 38)	9100	9200	22/02/2021	89	Left lane	39	
WAIKAREMOANA ROAD (ROAD 38)	9100	9200	22/02/2021	101	Right lane	38	
WAIKAREMOANA ROAD (ROAD 38)	9200	9300	22/02/2021	93	Left lane	35	
WAIKAREMOANA ROAD (ROAD 38)	9200	9300	22/02/2021	86	Right lane	36	
WAIKAREMOANA ROAD (ROAD 38)	9300	9400	22/02/2021	108	Left lane	31	
WAIKAREMOANA ROAD (ROAD 38)	9300	9400	22/02/2021	94	Right lane	30	
WAIKAREMOANA ROAD (ROAD 38)	9400	9500	22/02/2021	112	Left lane	29	
WAIKAREMOANA ROAD (ROAD 38)	9400	9500	22/02/2021	118	Right lane	31	
WAIKAREMOANA ROAD (ROAD 38)	9500	9600	22/02/2021	121	Left lane	36	
WAIKAREMOANA ROAD (ROAD 38)	9500	9600	22/02/2021	93	Right lane	38	
WAIKAREMOANA ROAD (ROAD 38)	9600	9700	22/02/2021	88	Left lane	34	
WAIKAREMOANA ROAD (ROAD 38)	9600	9700	22/02/2021	105	Right lane	39	
WAIKAREMOANA ROAD (ROAD 38)	9700	9800	22/02/2021	94	Left lane	42	
WAIKAREMOANA ROAD (ROAD 38)	9700	9800	22/02/2021	97	Right lane	44	
WAIKAREMOANA ROAD (ROAD 38)	9800	9900	22/02/2021	124	Left lane	33	
WAIKAREMOANA ROAD (ROAD 38)	9800	9900	22/02/2021	116	Right lane	36	
WAIKAREMOANA ROAD (ROAD 38)	9900	10000	22/02/2021	83	Left lane	35	
WAIKAREMOANA ROAD (ROAD 38)	9900	10000	22/02/2021	86	Right lane	38	
WAIKAREMOANA ROAD (ROAD 38)	10000	10100	22/02/2021	81	Left lane	42	
WAIKAREMOANA ROAD (ROAD 38)	10000	10100	22/02/2021	102	Right lane	41	
WAIKAREMOANA ROAD (ROAD 38)	10100	10200	22/02/2021	90	Left lane	40	
WAIKAREMOANA ROAD (ROAD 38)	10100	10200	22/02/2021	87	Right lane	40	
WAIKAREMOANA ROAD (ROAD 38)	10200	10300	22/02/2021	212	Left lane	27	BRIDGE Abutment end (Both)
WAIKAREMOANA ROAD (ROAD 38)	10200	10300	22/02/2021	215	Right lane	25	
WAIKAREMOANA ROAD (ROAD 38)	10300	10324	22/02/2021	148	Left lane	20	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WAIKAREMOANA ROAD (ROAD 38)	10300	10324	22/02/2021	122	Right lane	16
WAIKAREMOANA ROAD (ROAD 38)	15900	16000	22/02/2021	207	Left lane	23
WAIKAREMOANA ROAD (ROAD 38)	15900	16000	22/02/2021	149	Right lane	28
WAIKAREMOANA ROAD (ROAD 38)	16000	16100	22/02/2021	91	Left lane	36
WAIKAREMOANA ROAD (ROAD 38)	16000	16100	22/02/2021	90	Right lane	40
WAIKAREMOANA ROAD (ROAD 38)	16100	16200	22/02/2021	99	Left lane	31
WAIKAREMOANA ROAD (ROAD 38)	16100	16200	22/02/2021	108	Right lane	33
WAIKAREMOANA ROAD (ROAD 38)	16200	16300	22/02/2021	94	Left lane	33
WAIKAREMOANA ROAD (ROAD 38)	16200	16300	22/02/2021	91	Right lane	34
WAIKAREMOANA ROAD (ROAD 38)	16300	16400	22/02/2021	106	Left lane	28
WAIKAREMOANA ROAD (ROAD 38)	16300	16400	22/02/2021	99	Right lane	36
WAIKAREMOANA ROAD (ROAD 38)	16400	16500	22/02/2021	115	Left lane	29
WAIKAREMOANA ROAD (ROAD 38)	16400	16500	22/02/2021	121	Right lane	33
WAIKAREMOANA ROAD (ROAD 38)	16500	16600	22/02/2021	103	Left lane	33
WAIKAREMOANA ROAD (ROAD 38)	16500	16600	22/02/2021	113	Right lane	32
WAIKAREMOANA ROAD (ROAD 38)	16600	16700	22/02/2021	101	Left lane	31
WAIKAREMOANA ROAD (ROAD 38)	16600	16700	22/02/2021	97	Right lane	34
WAIKAREMOANA ROAD (ROAD 38)	16700	16800	22/02/2021	78	Left lane	39
WAIKAREMOANA ROAD (ROAD 38)	16700	16800	22/02/2021	86	Right lane	39
WAIKAREMOANA ROAD (ROAD 38)	16800	16900	22/02/2021	106	Left lane	35
WAIKAREMOANA ROAD (ROAD 38)	16800	16900	22/02/2021	98	Right lane	38
WAIKAREMOANA ROAD (ROAD 38)	16900	17000	22/02/2021	91	Left lane	39
WAIKAREMOANA ROAD (ROAD 38)	16900	17000	22/02/2021	84	Right lane	37
WAIKAREMOANA ROAD (ROAD 38)	17000	17100	22/02/2021	85	Left lane	33
WAIKAREMOANA ROAD (ROAD 38)	17000	17100	22/02/2021	88	Right lane	38
WAIKAREMOANA ROAD (ROAD 38)	17100	17200	22/02/2021	82	Left lane	41
WAIKAREMOANA ROAD (ROAD 38)	17100	17200	22/02/2021	78	Right lane	50
WAIKAREMOANA ROAD (ROAD 38)	17200	17300	22/02/2021	88	Left lane	41
WAIKAREMOANA ROAD (ROAD 38)	17200	17300	22/02/2021	90	Right lane	46
WAIKAREMOANA ROAD (ROAD 38)	17300	17400	22/02/2021	67	Left lane	42
WAIKAREMOANA ROAD (ROAD 38)	17300	17400	22/02/2021	86	Right lane	41
WAIKAREMOANA ROAD (ROAD 38)	17400	17500	22/02/2021	84	Left lane	41
WAIKAREMOANA ROAD (ROAD 38)	17400	17500	22/02/2021	92	Right lane	35
WAIKAREMOANA ROAD (ROAD 38)	17500	17600	22/02/2021	123	Left lane	29
WAIKAREMOANA ROAD (ROAD 38)	17500	17600	22/02/2021	145	Right lane	32
WAIKAREMOANA ROAD (ROAD 38)	17600	17700	22/02/2021	88	Left lane	34
WAIKAREMOANA ROAD (ROAD 38)	17600	17700	22/02/2021	84	Right lane	35
WAIKAREMOANA ROAD (ROAD 38)	17700	17800	22/02/2021	90	Left lane	33
WAIKAREMOANA ROAD (ROAD 38)	17700	17800	22/02/2021	93	Right lane	34

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WAIKAREMOANA ROAD (ROAD 38)	17800	17900	22/02/2021	81	Left lane	37	
WAIKAREMOANA ROAD (ROAD 38)	17800	17900	22/02/2021	71	Right lane	41	
WAIKAREMOANA ROAD (ROAD 38)	17900	18000	22/02/2021	91	Left lane	43	
WAIKAREMOANA ROAD (ROAD 38)	17900	18000	22/02/2021	91	Right lane	40	
WAIKAREMOANA ROAD (ROAD 38)	18000	18100	22/02/2021	123	Left lane	29	BRIDGE Abutment end (Both)
WAIKAREMOANA ROAD (ROAD 38)	18000	18100	22/02/2021	131	Right lane	27	
WAIKAREMOANA ROAD (ROAD 38)	18100	18160	22/02/2021	126	Left lane	29	
WAIKAREMOANA ROAD (ROAD 38)	18100	18160	22/02/2021	108	Right lane	21	
WAIKARETAHEKE STREET	0	100	22/02/2021	173	Left lane	26	
WAIKARETAHEKE STREET	0	100	22/02/2021	153	Right lane	30	
WAIKARETAHEKE STREET	100	200	22/02/2021	193	Left lane	26	
WAIKARETAHEKE STREET	100	200	22/02/2021	150	Right lane	27	
WAIKOKOPU ROAD	0	100	23/02/2021	90	Left lane	40	
WAIKOKOPU ROAD	0	100	23/02/2021	83	Right lane	40	
WAIKOKOPU ROAD	100	200	23/02/2021	62	Left lane	61	
WAIKOKOPU ROAD	100	200	23/02/2021	62	Right lane	55	
WAIKOKOPU ROAD	200	300	23/02/2021	63	Left lane	53	
WAIKOKOPU ROAD	200	300	23/02/2021	74	Right lane	57	
WAIKOKOPU ROAD	300	400	23/02/2021	84	Left lane	53	
WAIKOKOPU ROAD	300	400	23/02/2021	118	Right lane	55	
WAIKOKOPU ROAD	400	500	23/02/2021	100	Left lane	52	
WAIKOKOPU ROAD	400	500	23/02/2021	69	Right lane	55	
WAIKOKOPU ROAD	500	600	23/02/2021	53	Left lane	51	
WAIKOKOPU ROAD	500	600	23/02/2021	59	Right lane	49	
WAIKOKOPU ROAD	600	700	23/02/2021	94	Left lane	48	
WAIKOKOPU ROAD	600	700	23/02/2021	89	Right lane	41	
WAIKOKOPU ROAD	700	800	23/02/2021	128	Left lane	32	Railway crossing
WAIKOKOPU ROAD	700	800	23/02/2021	126	Right lane	35	
WAIKOKOPU ROAD	800	868	23/02/2021	133	Left lane	27	
WAIKOKOPU ROAD	800	868	23/02/2021	109	Right lane	22	
WAIREKA ROAD	1400	1500	24/02/2021	192	Left lane	34	
WAIREKA ROAD	1400	1500	24/02/2021	203	Right lane	35	
WAIREKA ROAD	1500	1600	24/02/2021	121	Left lane	37	
WAIREKA ROAD	1500	1600	24/02/2021	130	Right lane	36	
WAIREKA ROAD	1600	1700	24/02/2021	133	Left lane	38	
WAIREKA ROAD	1600	1700	24/02/2021	134	Right lane	38	
WAIREKA ROAD	1700	1800	24/02/2021	131	Left lane	34	
WAIREKA ROAD	1700	1800	24/02/2021	129	Right lane	38	
WAIREKA ROAD	1800	1900	24/02/2021	117	Left lane	39	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WAIREKA ROAD	1800	1900	24/02/2021	144	Right lane	32	
WAIREKA ROAD	1900	2000	24/02/2021	200	Left lane	29	
WAIREKA ROAD	1900	2000	24/02/2021	184	Right lane	28	
WAIREKA ROAD	2000	2100	24/02/2021	123	Left lane	32	
WAIREKA ROAD	2000	2100	24/02/2021	170	Right lane	33	
WAIREKA ROAD	2100	2200	24/02/2021	154	Left lane	30	
WAIREKA ROAD	2100	2200	24/02/2021	165	Right lane	29	
WAIREKA ROAD	2200	2300	24/02/2021	112	Left lane	41	
WAIREKA ROAD	2200	2300	24/02/2021	102	Right lane	38	
WAIREKA ROAD	2300	2400	24/02/2021	130	Left lane	44	
WAIREKA ROAD	2300	2400	24/02/2021	137	Right lane	37	
WAIREKA ROAD	2400	2500	24/02/2021	132	Left lane	34	
WAIREKA ROAD	2400	2500	24/02/2021	119	Right lane	33	
WAIREKA ROAD	2500	2600	24/02/2021	146	Left lane	31	
WAIREKA ROAD	2500	2600	24/02/2021	174	Right lane	28	
WAIREKA ROAD	2600	2700	24/02/2021	108	Left lane	37	
WAIREKA ROAD	2600	2700	24/02/2021	115	Right lane	41	
WAIREKA ROAD	2700	2800	24/02/2021	133	Left lane	31	
WAIREKA ROAD	2700	2800	24/02/2021	151	Right lane	32	
WAIREKA ROAD	2800	2900	24/02/2021	107	Left lane	33	BRIDGE Abutment end (Both)
WAIREKA ROAD	2800	2900	24/02/2021	122	Right lane	36	
WAIREKA ROAD	2900	3000	24/02/2021	150	Left lane	31	BRIDGE Abutment end (Both)
WAIREKA ROAD	2900	3000	24/02/2021	131	Right lane	34	
WAIREKA ROAD	3000	3010	24/02/2021	148	Left lane	26	
WAIREKA ROAD	3000	3010	24/02/2021	153	Right lane	27	
WAIROA OLD CEMETERY ACCESS ROAD	0	100	24/02/2021	206	Left lane	27	
WAIROA OLD CEMETERY ACCESS ROAD	0	100	24/02/2021	206	Right lane	27	
WAIROA OLD CEMETERY ACCESS ROAD	100	200	24/02/2021	157	Left lane	28	
WAIROA OLD CEMETERY ACCESS ROAD	100	200	24/02/2021	157	Right lane	28	
WAIROA OLD CEMETERY ACCESS ROAD	200	300	24/02/2021	154	Left lane	26	
WAIROA OLD CEMETERY ACCESS ROAD	200	300	24/02/2021	154	Right lane	26	
WAIROA OLD CEMETERY ACCESS ROAD	300	400	24/02/2021	156	Left lane	22	
WAIROA OLD CEMETERY ACCESS ROAD	300	400	24/02/2021	156	Right lane	22	
WAIROA OLD CEMETERY ACCESS ROAD	400	500	24/02/2021	280	Left lane	22	
WAIROA OLD CEMETERY ACCESS ROAD	400	500	24/02/2021	280	Right lane	22	
WAIROA OLD CEMETERY ACCESS ROAD	500	600	24/02/2021	235	Left lane	28	
WAIROA OLD CEMETERY ACCESS ROAD	500	600	24/02/2021	235	Right lane	28	
WAIROA OLD CEMETERY ACCESS ROAD	600	634	24/02/2021	159	Left lane	13	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WAIROA OLD CEMETERY ACCESS ROAD	600	634	24/02/2021	159	Right lane	13	
WELD STREET	0	100	23/02/2021	139	Left lane	33	
WELD STREET	0	100	23/02/2021	99	Right lane	35	
WELD STREET	100	200	23/02/2021	117	Left lane	33	
WELD STREET	100	200	23/02/2021	95	Right lane	40	
WELD STREET	200	280	23/02/2021	81	Left lane	32	
WELD STREET	200	280	23/02/2021	66	Right lane	33	
WESTERN EXTENSION	0	100	22/02/2021	144	Left lane	24	
WESTERN EXTENSION	0	100	22/02/2021	127	Right lane	27	
WESTERN EXTENSION	100	200	22/02/2021	130	Left lane	29	
WESTERN EXTENSION	100	200	22/02/2021	84	Right lane	28	
WESTERN EXTENSION	200	300	22/02/2021	93	Left lane	34	
WESTERN EXTENSION	200	300	22/02/2021	87	Right lane	25	
WESTERN EXTENSION	300	310	22/02/2021	129	Left lane	21	
WESTERN EXTENSION	300	310	22/02/2021	228	Right lane	7	
WHAANGA STREET	0	100	22/02/2021	77	Left lane	28	
WHAANGA STREET	0	100	22/02/2021	92	Right lane	33	
WHAANGA STREET	100	200	22/02/2021	104	Left lane	32	
WHAANGA STREET	100	200	22/02/2021	123	Right lane	33	
WHAANGA STREET	200	300	22/02/2021	73	Left lane	45	
WHAANGA STREET	200	300	22/02/2021	64	Right lane	39	
WHAANGA STREET	300	374	22/02/2021	89	Left lane	33	
WHAANGA STREET	300	374	22/02/2021	116	Right lane	24	
WHAKAMAHI LAGOON ROAD	0	100	24/02/2021	66	Left lane	30	
WHAKAMAHI LAGOON ROAD	0	100	24/02/2021	64	Right lane	36	
WHAKAMAHI LAGOON ROAD	100	200	24/02/2021	85	Left lane	52	
WHAKAMAHI LAGOON ROAD	100	200	24/02/2021	64	Right lane	53	
WHAKAMAHI LAGOON ROAD	200	300	24/02/2021	71	Left lane	56	
WHAKAMAHI LAGOON ROAD	200	300	24/02/2021	78	Right lane	52	
WHAKAMAHI LAGOON ROAD	300	400	24/02/2021	116	Left lane	41	Speed humps
WHAKAMAHI LAGOON ROAD	300	400	24/02/2021	136	Right lane	37	
WHAKAMAHI LAGOON ROAD	400	500	24/02/2021	75	Left lane	36	
WHAKAMAHI LAGOON ROAD	400	500	24/02/2021	70	Right lane	49	
WHAKAMAHI LAGOON ROAD	500	600	24/02/2021	77	Left lane	42	
WHAKAMAHI LAGOON ROAD	500	600	24/02/2021	77	Right lane	52	
WHAKAMAHI LAGOON ROAD	600	700	24/02/2021	73	Left lane	47	
WHAKAMAHI LAGOON ROAD	600	700	24/02/2021	88	Right lane	52	
WHAKAMAHI LAGOON ROAD	700	800	24/02/2021	76	Left lane	46	
WHAKAMAHI LAGOON ROAD	700	800	24/02/2021	69	Right lane	41	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WHAKAMAHI LAGOON ROAD	800	900	24/02/2021	120	Left lane	34	Speed humps
WHAKAMAHI LAGOON ROAD	800	900	24/02/2021	133	Right lane	41	
WHAKAMAHI LAGOON ROAD	900	1000	24/02/2021	66	Left lane	51	
WHAKAMAHI LAGOON ROAD	900	1000	24/02/2021	86	Right lane	46	
WHAKAMAHI LAGOON ROAD	1000	1100	24/02/2021	83	Left lane	50	
WHAKAMAHI LAGOON ROAD	1000	1100	24/02/2021	79	Right lane	47	
WHAKAMAHI LAGOON ROAD	1100	1200	24/02/2021	86	Left lane	41	
WHAKAMAHI LAGOON ROAD	1100	1200	24/02/2021	88	Right lane	36	
WHAKAMAHI LAGOON ROAD	1200	1220	24/02/2021	122	Left lane	17	
WHAKAMAHI LAGOON ROAD	1200	1220	24/02/2021	101	Right lane	10	
WHAKAMAHI ROAD	0	100	24/02/2021	114	Left lane	38	
WHAKAMAHI ROAD	0	100	24/02/2021	89	Right lane	45	
WHAKAMAHI ROAD	100	200	24/02/2021	81	Left lane	48	
WHAKAMAHI ROAD	100	200	24/02/2021	61	Right lane	55	
WHAKAMAHI ROAD	200	300	24/02/2021	88	Left lane	34	
WHAKAMAHI ROAD	200	300	24/02/2021	90	Right lane	38	
WHAKAMAHI ROAD	300	400	24/02/2021	55	Left lane	42	
WHAKAMAHI ROAD	300	400	24/02/2021	55	Right lane	69	
WHAKAMAHI ROAD	400	500	24/02/2021	59	Left lane	49	
WHAKAMAHI ROAD	400	500	24/02/2021	49	Right lane	73	
WHAKAMAHI ROAD	500	600	24/02/2021	45	Left lane	54	
WHAKAMAHI ROAD	500	600	24/02/2021	39	Right lane	66	
WHAKAMAHI ROAD	600	700	24/02/2021	59	Left lane	51	
WHAKAMAHI ROAD	600	700	24/02/2021	70	Right lane	62	
WHAKAMAHI ROAD	700	800	24/02/2021	53	Left lane	57	
WHAKAMAHI ROAD	700	800	24/02/2021	62	Right lane	66	
WHAKAMAHI ROAD	800	900	24/02/2021	60	Left lane	63	
WHAKAMAHI ROAD	800	900	24/02/2021	59	Right lane	72	
WHAKAMAHI ROAD	900	1000	24/02/2021	58	Left lane	63	
WHAKAMAHI ROAD	900	1000	24/02/2021	41	Right lane	75	
WHAKAMAHI ROAD	1000	1100	24/02/2021	57	Left lane	63	
WHAKAMAHI ROAD	1000	1100	24/02/2021	53	Right lane	73	
WHAKAMAHI ROAD	1100	1200	24/02/2021	54	Left lane	60	
WHAKAMAHI ROAD	1100	1200	24/02/2021	54	Right lane	62	
WHAKAMAHI ROAD	1200	1300	24/02/2021	65	Left lane	50	
WHAKAMAHI ROAD	1200	1300	24/02/2021	47	Right lane	59	
WHAKAMAHI ROAD	1300	1400	24/02/2021	74	Left lane	54	
WHAKAMAHI ROAD	1300	1400	24/02/2021	52	Right lane	68	
WHAKAMAHI ROAD	1400	1500	24/02/2021	47	Left lane	62	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WHAKAMAHI ROAD	1400	1500	24/02/2021	58	Right lane	72
WHAKAMAHI ROAD	1500	1600	24/02/2021	67	Left lane	59
WHAKAMAHI ROAD	1500	1600	24/02/2021	58	Right lane	72
WHAKAMAHI ROAD	1600	1700	24/02/2021	63	Left lane	60
WHAKAMAHI ROAD	1600	1700	24/02/2021	76	Right lane	71
WHAKAMAHI ROAD	1700	1800	24/02/2021	49	Left lane	60
WHAKAMAHI ROAD	1700	1800	24/02/2021	89	Right lane	74
WHAKAMAHI ROAD	1800	1900	24/02/2021	64	Left lane	61
WHAKAMAHI ROAD	1800	1900	24/02/2021	59	Right lane	75
WHAKAMAHI ROAD	1900	2000	24/02/2021	56	Left lane	62
WHAKAMAHI ROAD	1900	2000	24/02/2021	63	Right lane	79
WHAKAMAHI ROAD	2000	2100	24/02/2021	59	Left lane	62
WHAKAMAHI ROAD	2000	2100	24/02/2021	68	Right lane	79
WHAKAMAHI ROAD	2100	2200	24/02/2021	43	Left lane	65
WHAKAMAHI ROAD	2100	2200	24/02/2021	46	Right lane	79
WHAKAMAHI ROAD	2200	2300	24/02/2021	56	Left lane	67
WHAKAMAHI ROAD	2200	2300	24/02/2021	54	Right lane	73
WHAKAMAHI ROAD	2300	2400	24/02/2021	58	Left lane	63
WHAKAMAHI ROAD	2300	2400	24/02/2021	59	Right lane	60
WHAKAMAHI ROAD	2400	2500	24/02/2021	60	Left lane	48
WHAKAMAHI ROAD	2400	2500	24/02/2021	56	Right lane	42
WHAKAMAHI ROAD	2500	2509	24/02/2021	70	Left lane	28
WHAKAMAHI ROAD	2500	2509	24/02/2021	102	Right lane	19
WILLIAMS STREET	0	100	24/02/2021	108	Left lane	29
WILLIAMS STREET	0	100	24/02/2021	84	Right lane	32
WILLIAMS STREET	100	200	24/02/2021	62	Left lane	35
WILLIAMS STREET	100	200	24/02/2021	65	Right lane	30
WILLIAMS STREET	200	208	24/02/2021	72	Left lane	21
WILLIAMS STREET	200	208	24/02/2021	120	Right lane	4
WILLOWFLAT ROAD	0	100	20/02/2021	127	Left lane	33
WILLOWFLAT ROAD	0	100	20/02/2021	152	Right lane	36
WILLOWFLAT ROAD	100	200	20/02/2021	84	Left lane	46
WILLOWFLAT ROAD	100	200	20/02/2021	135	Right lane	50
WILLOWFLAT ROAD	200	300	20/02/2021	108	Left lane	43
WILLOWFLAT ROAD	200	300	20/02/2021	117	Right lane	44
WILLOWFLAT ROAD	300	400	20/02/2021	86	Left lane	51
WILLOWFLAT ROAD	300	400	20/02/2021	111	Right lane	50
WILLOWFLAT ROAD	400	500	20/02/2021	118	Left lane	46
WILLOWFLAT ROAD	400	500	20/02/2021	141	Right lane	48

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	500	600	20/02/2021	72	Left lane	50
WILLOWFLAT ROAD	500	600	20/02/2021	69	Right lane	53
WILLOWFLAT ROAD	600	700	20/02/2021	83	Left lane	50
WILLOWFLAT ROAD	600	700	20/02/2021	135	Right lane	55
WILLOWFLAT ROAD	700	800	20/02/2021	83	Left lane	56
WILLOWFLAT ROAD	700	800	20/02/2021	98	Right lane	56
WILLOWFLAT ROAD	800	900	20/02/2021	87	Left lane	47
WILLOWFLAT ROAD	800	900	20/02/2021	110	Right lane	46
WILLOWFLAT ROAD	900	1000	20/02/2021	115	Left lane	41
WILLOWFLAT ROAD	900	1000	20/02/2021	101	Right lane	43
WILLOWFLAT ROAD	1000	1100	20/02/2021	92	Left lane	45
WILLOWFLAT ROAD	1000	1100	20/02/2021	96	Right lane	52
WILLOWFLAT ROAD	1100	1200	20/02/2021	94	Left lane	48
WILLOWFLAT ROAD	1100	1200	20/02/2021	146	Right lane	54
WILLOWFLAT ROAD	1200	1300	20/02/2021	89	Left lane	51
WILLOWFLAT ROAD	1200	1300	20/02/2021	105	Right lane	55
WILLOWFLAT ROAD	1300	1400	20/02/2021	103	Left lane	48
WILLOWFLAT ROAD	1300	1400	20/02/2021	100	Right lane	52
WILLOWFLAT ROAD	1400	1500	20/02/2021	88	Left lane	51
WILLOWFLAT ROAD	1400	1500	20/02/2021	126	Right lane	53
WILLOWFLAT ROAD	1500	1600	20/02/2021	93	Left lane	45
WILLOWFLAT ROAD	1500	1600	20/02/2021	116	Right lane	45
WILLOWFLAT ROAD	1600	1700	20/02/2021	131	Left lane	41
WILLOWFLAT ROAD	1600	1700	20/02/2021	115	Right lane	40
WILLOWFLAT ROAD	1700	1800	20/02/2021	109	Left lane	42
WILLOWFLAT ROAD	1700	1800	20/02/2021	105	Right lane	49
WILLOWFLAT ROAD	1800	1900	20/02/2021	115	Left lane	40
WILLOWFLAT ROAD	1800	1900	20/02/2021	112	Right lane	48
WILLOWFLAT ROAD	1900	2000	20/02/2021	96	Left lane	50
WILLOWFLAT ROAD	1900	2000	20/02/2021	109	Right lane	51
WILLOWFLAT ROAD	2000	2100	20/02/2021	135	Left lane	45
WILLOWFLAT ROAD	2000	2100	20/02/2021	150	Right lane	44
WILLOWFLAT ROAD	2100	2200	20/02/2021	91	Left lane	62
WILLOWFLAT ROAD	2100	2200	20/02/2021	151	Right lane	47
WILLOWFLAT ROAD	2200	2300	20/02/2021	90	Left lane	67
WILLOWFLAT ROAD	2200	2300	20/02/2021	117	Right lane	55
WILLOWFLAT ROAD	2300	2400	20/02/2021	109	Left lane	51
WILLOWFLAT ROAD	2300	2400	20/02/2021	107	Right lane	43
WILLOWFLAT ROAD	2400	2500	20/02/2021	129	Left lane	37

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	2400	2500	20/02/2021	159	Right lane	42
WILLOWFLAT ROAD	2500	2600	20/02/2021	103	Left lane	48
WILLOWFLAT ROAD	2500	2600	20/02/2021	129	Right lane	55
WILLOWFLAT ROAD	2600	2700	20/02/2021	117	Left lane	46
WILLOWFLAT ROAD	2600	2700	20/02/2021	96	Right lane	48
WILLOWFLAT ROAD	2700	2800	20/02/2021	119	Left lane	38
WILLOWFLAT ROAD	2700	2800	20/02/2021	118	Right lane	46
WILLOWFLAT ROAD	2800	2900	20/02/2021	87	Left lane	56
WILLOWFLAT ROAD	2800	2900	20/02/2021	109	Right lane	57
WILLOWFLAT ROAD	2900	3000	20/02/2021	124	Left lane	48
WILLOWFLAT ROAD	2900	3000	20/02/2021	164	Right lane	50
WILLOWFLAT ROAD	3000	3100	20/02/2021	105	Left lane	52
WILLOWFLAT ROAD	3000	3100	20/02/2021	120	Right lane	67
WILLOWFLAT ROAD	3100	3200	20/02/2021	121	Left lane	54
WILLOWFLAT ROAD	3100	3200	20/02/2021	137	Right lane	69
WILLOWFLAT ROAD	3200	3300	20/02/2021	83	Left lane	51
WILLOWFLAT ROAD	3200	3300	20/02/2021	123	Right lane	57
WILLOWFLAT ROAD	3300	3400	20/02/2021	89	Left lane	50
WILLOWFLAT ROAD	3300	3400	20/02/2021	118	Right lane	54
WILLOWFLAT ROAD	3400	3500	20/02/2021	86	Left lane	54
WILLOWFLAT ROAD	3400	3500	20/02/2021	114	Right lane	56
WILLOWFLAT ROAD	3500	3600	20/02/2021	77	Left lane	53
WILLOWFLAT ROAD	3500	3600	20/02/2021	127	Right lane	54
WILLOWFLAT ROAD	3600	3700	20/02/2021	88	Left lane	50
WILLOWFLAT ROAD	3600	3700	20/02/2021	103	Right lane	54
WILLOWFLAT ROAD	3700	3800	20/02/2021	105	Left lane	50
WILLOWFLAT ROAD	3700	3800	20/02/2021	99	Right lane	51
WILLOWFLAT ROAD	3800	3900	20/02/2021	109	Left lane	45
WILLOWFLAT ROAD	3800	3900	20/02/2021	126	Right lane	47
WILLOWFLAT ROAD	3900	4000	20/02/2021	103	Left lane	52
WILLOWFLAT ROAD	3900	4000	20/02/2021	138	Right lane	62
WILLOWFLAT ROAD	4000	4100	20/02/2021	91	Left lane	52
WILLOWFLAT ROAD	4000	4100	20/02/2021	102	Right lane	59
WILLOWFLAT ROAD	4100	4200	20/02/2021	81	Left lane	50
WILLOWFLAT ROAD	4100	4200	20/02/2021	87	Right lane	54
WILLOWFLAT ROAD	4200	4300	20/02/2021	78	Left lane	47
WILLOWFLAT ROAD	4200	4300	20/02/2021	79	Right lane	52
WILLOWFLAT ROAD	4300	4400	20/02/2021	66	Left lane	55
WILLOWFLAT ROAD	4300	4400	20/02/2021	79	Right lane	54

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	4400	4500	20/02/2021	105	Left lane	46
WILLOWFLAT ROAD	4400	4500	20/02/2021	105	Right lane	44
WILLOWFLAT ROAD	4500	4600	20/02/2021	116	Left lane	42
WILLOWFLAT ROAD	4500	4600	20/02/2021	106	Right lane	50
WILLOWFLAT ROAD	4600	4700	20/02/2021	69	Left lane	60
WILLOWFLAT ROAD	4600	4700	20/02/2021	100	Right lane	64
WILLOWFLAT ROAD	4700	4800	20/02/2021	86	Left lane	69
WILLOWFLAT ROAD	4700	4800	20/02/2021	99	Right lane	69
WILLOWFLAT ROAD	4800	4900	20/02/2021	59	Left lane	71
WILLOWFLAT ROAD	4800	4900	20/02/2021	103	Right lane	67
WILLOWFLAT ROAD	4900	5000	20/02/2021	126	Left lane	64
WILLOWFLAT ROAD	4900	5000	20/02/2021	121	Right lane	54
WILLOWFLAT ROAD	5000	5100	20/02/2021	112	Left lane	49
WILLOWFLAT ROAD	5000	5100	20/02/2021	137	Right lane	44
WILLOWFLAT ROAD	5100	5200	20/02/2021	126	Left lane	45
WILLOWFLAT ROAD	5100	5200	20/02/2021	154	Right lane	46
WILLOWFLAT ROAD	5200	5300	20/02/2021	115	Left lane	47
WILLOWFLAT ROAD	5200	5300	20/02/2021	135	Right lane	49
WILLOWFLAT ROAD	5300	5400	20/02/2021	99	Left lane	44
WILLOWFLAT ROAD	5300	5400	20/02/2021	113	Right lane	44
WILLOWFLAT ROAD	5400	5500	20/02/2021	112	Left lane	47
WILLOWFLAT ROAD	5400	5500	20/02/2021	167	Right lane	47
WILLOWFLAT ROAD	5500	5600	20/02/2021	118	Left lane	47
WILLOWFLAT ROAD	5500	5600	20/02/2021	169	Right lane	48
WILLOWFLAT ROAD	5600	5700	20/02/2021	134	Left lane	51
WILLOWFLAT ROAD	5600	5700	20/02/2021	149	Right lane	53
WILLOWFLAT ROAD	5700	5800	20/02/2021	112	Left lane	52
WILLOWFLAT ROAD	5700	5800	20/02/2021	85	Right lane	58
WILLOWFLAT ROAD	5800	5900	20/02/2021	111	Left lane	55
WILLOWFLAT ROAD	5800	5900	20/02/2021	122	Right lane	58
WILLOWFLAT ROAD	5900	6000	20/02/2021	106	Left lane	60
WILLOWFLAT ROAD	5900	6000	20/02/2021	83	Right lane	56
WILLOWFLAT ROAD	6000	6100	20/02/2021	89	Left lane	57
WILLOWFLAT ROAD	6000	6100	20/02/2021	111	Right lane	58
WILLOWFLAT ROAD	6100	6200	20/02/2021	100	Left lane	52
WILLOWFLAT ROAD	6100	6200	20/02/2021	146	Right lane	49
WILLOWFLAT ROAD	6200	6300	20/02/2021	94	Left lane	47
WILLOWFLAT ROAD	6200	6300	20/02/2021	111	Right lane	52
WILLOWFLAT ROAD	6300	6400	20/02/2021	77	Left lane	55

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	6300	6400	20/02/2021	101	Right lane	60
WILLOWFLAT ROAD	6400	6500	20/02/2021	89	Left lane	63
WILLOWFLAT ROAD	6400	6500	20/02/2021	87	Right lane	61
WILLOWFLAT ROAD	6500	6600	20/02/2021	69	Left lane	70
WILLOWFLAT ROAD	6500	6600	20/02/2021	102	Right lane	59
WILLOWFLAT ROAD	6600	6700	20/02/2021	90	Left lane	66
WILLOWFLAT ROAD	6600	6700	20/02/2021	125	Right lane	56
WILLOWFLAT ROAD	6700	6800	20/02/2021	111	Left lane	66
WILLOWFLAT ROAD	6700	6800	20/02/2021	113	Right lane	62
WILLOWFLAT ROAD	6800	6900	20/02/2021	84	Left lane	73
WILLOWFLAT ROAD	6800	6900	20/02/2021	121	Right lane	69
WILLOWFLAT ROAD	6900	7000	20/02/2021	79	Left lane	76
WILLOWFLAT ROAD	6900	7000	20/02/2021	127	Right lane	68
WILLOWFLAT ROAD	7000	7100	20/02/2021	53	Left lane	71
WILLOWFLAT ROAD	7000	7100	20/02/2021	81	Right lane	64
WILLOWFLAT ROAD	7100	7200	20/02/2021	102	Left lane	67
WILLOWFLAT ROAD	7100	7200	20/02/2021	100	Right lane	59
WILLOWFLAT ROAD	7200	7300	20/02/2021	94	Left lane	55
WILLOWFLAT ROAD	7200	7300	20/02/2021	87	Right lane	49
WILLOWFLAT ROAD	7300	7400	20/02/2021	87	Left lane	52
WILLOWFLAT ROAD	7300	7400	20/02/2021	151	Right lane	53
WILLOWFLAT ROAD	7400	7500	20/02/2021	151	Left lane	52
WILLOWFLAT ROAD	7400	7500	20/02/2021	127	Right lane	51
WILLOWFLAT ROAD	7500	7600	20/02/2021	95	Left lane	55
WILLOWFLAT ROAD	7500	7600	20/02/2021	105	Right lane	54
WILLOWFLAT ROAD	7600	7700	20/02/2021	99	Left lane	45
WILLOWFLAT ROAD	7600	7700	20/02/2021	140	Right lane	43
WILLOWFLAT ROAD	7700	7800	20/02/2021	120	Left lane	39
WILLOWFLAT ROAD	7700	7800	20/02/2021	168	Right lane	44
WILLOWFLAT ROAD	7800	7900	20/02/2021	119	Left lane	45
WILLOWFLAT ROAD	7800	7900	20/02/2021	117	Right lane	50
WILLOWFLAT ROAD	7900	8000	20/02/2021	130	Left lane	48
WILLOWFLAT ROAD	7900	8000	20/02/2021	99	Right lane	54
WILLOWFLAT ROAD	8000	8100	20/02/2021	126	Left lane	47
WILLOWFLAT ROAD	8000	8100	20/02/2021	113	Right lane	55
WILLOWFLAT ROAD	8100	8200	20/02/2021	105	Left lane	47
WILLOWFLAT ROAD	8100	8200	20/02/2021	102	Right lane	44
WILLOWFLAT ROAD	8200	8300	20/02/2021	95	Left lane	44
WILLOWFLAT ROAD	8200	8300	20/02/2021	94	Right lane	49

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	8300	8400	20/02/2021	106	Left lane	51
WILLOWFLAT ROAD	8300	8400	20/02/2021	110	Right lane	51
WILLOWFLAT ROAD	8400	8500	20/02/2021	91	Left lane	53
WILLOWFLAT ROAD	8400	8500	20/02/2021	144	Right lane	52
WILLOWFLAT ROAD	8500	8600	20/02/2021	152	Left lane	48
WILLOWFLAT ROAD	8500	8600	20/02/2021	162	Right lane	49
WILLOWFLAT ROAD	8600	8700	20/02/2021	92	Left lane	56
WILLOWFLAT ROAD	8600	8700	20/02/2021	112	Right lane	59
WILLOWFLAT ROAD	8700	8800	20/02/2021	97	Left lane	58
WILLOWFLAT ROAD	8700	8800	20/02/2021	97	Right lane	65
WILLOWFLAT ROAD	8800	8900	20/02/2021	80	Left lane	55
WILLOWFLAT ROAD	8800	8900	20/02/2021	96	Right lane	58
WILLOWFLAT ROAD	8900	9000	20/02/2021	125	Left lane	55
WILLOWFLAT ROAD	8900	9000	20/02/2021	102	Right lane	61
WILLOWFLAT ROAD	9000	9100	20/02/2021	116	Left lane	51
WILLOWFLAT ROAD	9000	9100	20/02/2021	162	Right lane	58
WILLOWFLAT ROAD	9100	9200	20/02/2021	95	Left lane	51
WILLOWFLAT ROAD	9100	9200	20/02/2021	113	Right lane	52
WILLOWFLAT ROAD	9200	9300	20/02/2021	96	Left lane	44
WILLOWFLAT ROAD	9200	9300	20/02/2021	126	Right lane	41
WILLOWFLAT ROAD	9300	9400	20/02/2021	138	Left lane	36
WILLOWFLAT ROAD	9300	9400	20/02/2021	127	Right lane	37
WILLOWFLAT ROAD	9400	9500	20/02/2021	88	Left lane	46
WILLOWFLAT ROAD	9400	9500	20/02/2021	96	Right lane	48
WILLOWFLAT ROAD	9500	9600	20/02/2021	86	Left lane	42
WILLOWFLAT ROAD	9500	9600	20/02/2021	97	Right lane	44
WILLOWFLAT ROAD	9600	9700	20/02/2021	79	Left lane	47
WILLOWFLAT ROAD	9600	9700	20/02/2021	128	Right lane	45
WILLOWFLAT ROAD	9700	9800	20/02/2021	107	Left lane	43
WILLOWFLAT ROAD	9700	9800	20/02/2021	116	Right lane	41
WILLOWFLAT ROAD	9800	9900	20/02/2021	132	Left lane	36
WILLOWFLAT ROAD	9800	9900	20/02/2021	145	Right lane	41
WILLOWFLAT ROAD	9900	10000	20/02/2021	107	Left lane	50
WILLOWFLAT ROAD	9900	10000	20/02/2021	107	Right lane	51
WILLOWFLAT ROAD	10000	10100	20/02/2021	117	Left lane	45
WILLOWFLAT ROAD	10000	10100	20/02/2021	130	Right lane	45
WILLOWFLAT ROAD	10100	10200	20/02/2021	118	Left lane	52
WILLOWFLAT ROAD	10100	10200	20/02/2021	170	Right lane	49
WILLOWFLAT ROAD	10200	10300	20/02/2021	148	Left lane	46

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	10200	10300	20/02/2021	105	Right lane	48
WILLOWFLAT ROAD	10300	10400	20/02/2021	108	Left lane	50
WILLOWFLAT ROAD	10300	10400	20/02/2021	123	Right lane	50
WILLOWFLAT ROAD	10400	10500	20/02/2021	104	Left lane	51
WILLOWFLAT ROAD	10400	10500	20/02/2021	123	Right lane	46
WILLOWFLAT ROAD	10500	10600	20/02/2021	145	Left lane	47
WILLOWFLAT ROAD	10500	10600	20/02/2021	162	Right lane	41
WILLOWFLAT ROAD	10600	10700	20/02/2021	116	Left lane	44
WILLOWFLAT ROAD	10600	10700	20/02/2021	148	Right lane	45
WILLOWFLAT ROAD	10700	10800	20/02/2021	115	Left lane	52
WILLOWFLAT ROAD	10700	10800	20/02/2021	120	Right lane	50
WILLOWFLAT ROAD	10800	10900	20/02/2021	116	Left lane	54
WILLOWFLAT ROAD	10800	10900	20/02/2021	129	Right lane	46
WILLOWFLAT ROAD	10900	11000	20/02/2021	152	Left lane	49
WILLOWFLAT ROAD	10900	11000	20/02/2021	144	Right lane	43
WILLOWFLAT ROAD	11000	11100	20/02/2021	102	Left lane	44
WILLOWFLAT ROAD	11000	11100	20/02/2021	147	Right lane	39
WILLOWFLAT ROAD	11100	11200	20/02/2021	97	Left lane	45
WILLOWFLAT ROAD	11100	11200	20/02/2021	116	Right lane	39
WILLOWFLAT ROAD	11200	11300	20/02/2021	145	Left lane	39
WILLOWFLAT ROAD	11200	11300	20/02/2021	134	Right lane	39
WILLOWFLAT ROAD	11300	11400	20/02/2021	135	Left lane	52
WILLOWFLAT ROAD	11300	11400	20/02/2021	181	Right lane	49
WILLOWFLAT ROAD	11400	11500	20/02/2021	108	Left lane	56
WILLOWFLAT ROAD	11400	11500	20/02/2021	117	Right lane	54
WILLOWFLAT ROAD	11500	11600	20/02/2021	119	Left lane	61
WILLOWFLAT ROAD	11500	11600	20/02/2021	107	Right lane	53
WILLOWFLAT ROAD	11600	11700	20/02/2021	139	Left lane	53
WILLOWFLAT ROAD	11600	11700	20/02/2021	117	Right lane	47
WILLOWFLAT ROAD	11700	11800	20/02/2021	129	Left lane	47
WILLOWFLAT ROAD	11700	11800	20/02/2021	138	Right lane	45
WILLOWFLAT ROAD	11800	11900	20/02/2021	109	Left lane	51
WILLOWFLAT ROAD	11800	11900	20/02/2021	166	Right lane	45
WILLOWFLAT ROAD	11900	12000	20/02/2021	115	Left lane	63
WILLOWFLAT ROAD	11900	12000	20/02/2021	122	Right lane	51
WILLOWFLAT ROAD	12000	12100	20/02/2021	125	Left lane	51
WILLOWFLAT ROAD	12000	12100	20/02/2021	110	Right lane	44
WILLOWFLAT ROAD	12100	12200	20/02/2021	67	Left lane	46
WILLOWFLAT ROAD	12100	12200	20/02/2021	112	Right lane	49

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	12200	12300	20/02/2021	121	Left lane	37	
WILLOWFLAT ROAD	12200	12300	20/02/2021	131	Right lane	38	
WILLOWFLAT ROAD	12300	12400	20/02/2021	67	Left lane	51	
WILLOWFLAT ROAD	12300	12400	20/02/2021	74	Right lane	52	
WILLOWFLAT ROAD	12400	12500	20/02/2021	66	Left lane	51	
WILLOWFLAT ROAD	12400	12500	20/02/2021	68	Right lane	53	
WILLOWFLAT ROAD	12500	12600	20/02/2021	54	Left lane	48	
WILLOWFLAT ROAD	12500	12600	20/02/2021	88	Right lane	50	
WILLOWFLAT ROAD	12600	12700	20/02/2021	104	Left lane	48	
WILLOWFLAT ROAD	12600	12700	20/02/2021	100	Right lane	55	
WILLOWFLAT ROAD	12700	12800	20/02/2021	91	Left lane	47	
WILLOWFLAT ROAD	12700	12800	20/02/2021	95	Right lane	51	
WILLOWFLAT ROAD	12800	12900	20/02/2021	93	Left lane	47	
WILLOWFLAT ROAD	12800	12900	20/02/2021	87	Right lane	51	
WILLOWFLAT ROAD	12900	13000	20/02/2021	169	Left lane	32	
WILLOWFLAT ROAD	12900	13000	20/02/2021	115	Right lane	39	
WILLOWFLAT ROAD	13000	13100	20/02/2021	181	Left lane	38	
WILLOWFLAT ROAD	13000	13100	20/02/2021	241	Right lane	35	BRIDGE Abutment end (Both)
WILLOWFLAT ROAD	13100	13200	20/02/2021	83	Left lane	45	
WILLOWFLAT ROAD	13100	13200	20/02/2021	87	Right lane	39	
WILLOWFLAT ROAD	13200	13300	20/02/2021	93	Left lane	47	
WILLOWFLAT ROAD	13200	13300	20/02/2021	85	Right lane	48	
WILLOWFLAT ROAD	13300	13400	20/02/2021	92	Left lane	47	
WILLOWFLAT ROAD	13300	13400	20/02/2021	105	Right lane	48	
WILLOWFLAT ROAD	13400	13500	20/02/2021	104	Left lane	40	
WILLOWFLAT ROAD	13400	13500	20/02/2021	84	Right lane	42	
WILLOWFLAT ROAD	13500	13600	20/02/2021	108	Left lane	44	
WILLOWFLAT ROAD	13500	13600	20/02/2021	106	Right lane	40	
WILLOWFLAT ROAD	13600	13700	20/02/2021	134	Left lane	46	
WILLOWFLAT ROAD	13600	13700	20/02/2021	115	Right lane	48	
WILLOWFLAT ROAD	13700	13800	20/02/2021	151	Left lane	49	
WILLOWFLAT ROAD	13700	13800	20/02/2021	112	Right lane	48	
WILLOWFLAT ROAD	13800	13900	20/02/2021	143	Left lane	45	
WILLOWFLAT ROAD	13800	13900	20/02/2021	156	Right lane	47	
WILLOWFLAT ROAD	13900	14000	20/02/2021	118	Left lane	38	
WILLOWFLAT ROAD	13900	14000	20/02/2021	108	Right lane	40	
WILLOWFLAT ROAD	14000	14100	20/02/2021	108	Left lane	42	
WILLOWFLAT ROAD	14000	14100	20/02/2021	112	Right lane	41	
WILLOWFLAT ROAD	14100	14200	20/02/2021	149	Left lane	52	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	14100	14200	20/02/2021	130	Right lane	55
WILLOWFLAT ROAD	14200	14300	20/02/2021	133	Left lane	48
WILLOWFLAT ROAD	14200	14300	20/02/2021	158	Right lane	51
WILLOWFLAT ROAD	14300	14400	20/02/2021	115	Left lane	46
WILLOWFLAT ROAD	14300	14400	20/02/2021	123	Right lane	43
WILLOWFLAT ROAD	14400	14500	20/02/2021	147	Left lane	41
WILLOWFLAT ROAD	14400	14500	20/02/2021	170	Right lane	39
WILLOWFLAT ROAD	14500	14600	20/02/2021	129	Left lane	37
WILLOWFLAT ROAD	14500	14600	20/02/2021	98	Right lane	37
WILLOWFLAT ROAD	14600	14700	20/02/2021	130	Left lane	38
WILLOWFLAT ROAD	14600	14700	20/02/2021	148	Right lane	39
WILLOWFLAT ROAD	14700	14800	20/02/2021	80	Left lane	47
WILLOWFLAT ROAD	14700	14800	20/02/2021	101	Right lane	56
WILLOWFLAT ROAD	14800	14900	20/02/2021	120	Left lane	52
WILLOWFLAT ROAD	14800	14900	20/02/2021	117	Right lane	60
WILLOWFLAT ROAD	14900	15000	20/02/2021	105	Left lane	52
WILLOWFLAT ROAD	14900	15000	20/02/2021	109	Right lane	58
WILLOWFLAT ROAD	15000	15100	20/02/2021	111	Left lane	50
WILLOWFLAT ROAD	15000	15100	20/02/2021	76	Right lane	52
WILLOWFLAT ROAD	15100	15200	20/02/2021	85	Left lane	52
WILLOWFLAT ROAD	15100	15200	20/02/2021	74	Right lane	57
WILLOWFLAT ROAD	15200	15300	20/02/2021	95	Left lane	57
WILLOWFLAT ROAD	15200	15300	20/02/2021	84	Right lane	60
WILLOWFLAT ROAD	15300	15400	20/02/2021	85	Left lane	57
WILLOWFLAT ROAD	15300	15400	20/02/2021	70	Right lane	57
WILLOWFLAT ROAD	15400	15500	20/02/2021	105	Left lane	54
WILLOWFLAT ROAD	15400	15500	20/02/2021	88	Right lane	56
WILLOWFLAT ROAD	15500	15600	20/02/2021	101	Left lane	61
WILLOWFLAT ROAD	15500	15600	20/02/2021	93	Right lane	58
WILLOWFLAT ROAD	15600	15700	20/02/2021	149	Left lane	42
WILLOWFLAT ROAD	15600	15700	20/02/2021	103	Right lane	39
WILLOWFLAT ROAD	15700	15800	20/02/2021	161	Left lane	36
WILLOWFLAT ROAD	15700	15800	20/02/2021	149	Right lane	36
WILLOWFLAT ROAD	15800	15900	20/02/2021	116	Left lane	40
WILLOWFLAT ROAD	15800	15900	20/02/2021	170	Right lane	41
WILLOWFLAT ROAD	15900	16000	20/02/2021	78	Left lane	50
WILLOWFLAT ROAD	15900	16000	20/02/2021	125	Right lane	50
WILLOWFLAT ROAD	16000	16100	20/02/2021	107	Left lane	48
WILLOWFLAT ROAD	16000	16100	20/02/2021	131	Right lane	48

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	16100	16200	20/02/2021	179	Left lane	39
WILLOWFLAT ROAD	16100	16200	20/02/2021	168	Right lane	41
WILLOWFLAT ROAD	16200	16300	20/02/2021	105	Left lane	49
WILLOWFLAT ROAD	16200	16300	20/02/2021	99	Right lane	47
WILLOWFLAT ROAD	16300	16400	20/02/2021	117	Left lane	49
WILLOWFLAT ROAD	16300	16400	20/02/2021	184	Right lane	48
WILLOWFLAT ROAD	16400	16500	20/02/2021	53	Left lane	57
WILLOWFLAT ROAD	16400	16500	20/02/2021	92	Right lane	64
WILLOWFLAT ROAD	16500	16600	20/02/2021	77	Left lane	64
WILLOWFLAT ROAD	16500	16600	20/02/2021	106	Right lane	62
WILLOWFLAT ROAD	16600	16700	20/02/2021	103	Left lane	60
WILLOWFLAT ROAD	16600	16700	20/02/2021	131	Right lane	64
WILLOWFLAT ROAD	16700	16800	20/02/2021	69	Left lane	63
WILLOWFLAT ROAD	16700	16800	20/02/2021	71	Right lane	74
WILLOWFLAT ROAD	16800	16900	20/02/2021	83	Left lane	63
WILLOWFLAT ROAD	16800	16900	20/02/2021	85	Right lane	60
WILLOWFLAT ROAD	16900	17000	20/02/2021	59	Left lane	65
WILLOWFLAT ROAD	16900	17000	20/02/2021	69	Right lane	54
WILLOWFLAT ROAD	17000	17100	20/02/2021	86	Left lane	70
WILLOWFLAT ROAD	17000	17100	20/02/2021	87	Right lane	61
WILLOWFLAT ROAD	17100	17200	20/02/2021	91	Left lane	70
WILLOWFLAT ROAD	17100	17200	20/02/2021	100	Right lane	66
WILLOWFLAT ROAD	17200	17300	20/02/2021	78	Left lane	72
WILLOWFLAT ROAD	17200	17300	20/02/2021	75	Right lane	69
WILLOWFLAT ROAD	17300	17400	20/02/2021	78	Left lane	68
WILLOWFLAT ROAD	17300	17400	20/02/2021	103	Right lane	60
WILLOWFLAT ROAD	17400	17500	20/02/2021	83	Left lane	59
WILLOWFLAT ROAD	17400	17500	20/02/2021	88	Right lane	48
WILLOWFLAT ROAD	17500	17600	20/02/2021	146	Left lane	40
WILLOWFLAT ROAD	17500	17600	20/02/2021	145	Right lane	41
WILLOWFLAT ROAD	17600	17700	20/02/2021	117	Left lane	41
WILLOWFLAT ROAD	17600	17700	20/02/2021	144	Right lane	36
WILLOWFLAT ROAD	17700	17800	20/02/2021	128	Left lane	40
WILLOWFLAT ROAD	17700	17800	20/02/2021	140	Right lane	43
WILLOWFLAT ROAD	17800	17900	20/02/2021	89	Left lane	44
WILLOWFLAT ROAD	17800	17900	20/02/2021	117	Right lane	43
WILLOWFLAT ROAD	17900	18000	20/02/2021	143	Left lane	42
WILLOWFLAT ROAD	17900	18000	20/02/2021	156	Right lane	39
WILLOWFLAT ROAD	18000	18100	20/02/2021	120	Left lane	34

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	18000	18100	20/02/2021	141	Right lane	33	
WILLOWFLAT ROAD	18100	18200	20/02/2021	139	Left lane	30	
WILLOWFLAT ROAD	18100	18200	20/02/2021	132	Right lane	30	
WILLOWFLAT ROAD	18200	18300	20/02/2021	136	Left lane	38	
WILLOWFLAT ROAD	18200	18300	20/02/2021	153	Right lane	37	BRIDGE Abutment end (Both)
WILLOWFLAT ROAD	18300	18344	20/02/2021	174	Left lane	32	
WILLOWFLAT ROAD	18300	18344	20/02/2021	187	Right lane	30	BRIDGE Abutment end (Both)
WILLOWFLAT ROAD	19900	20000	20/02/2021	100	Left lane	26	
WILLOWFLAT ROAD	19900	20000	20/02/2021	150	Right lane	37	
WILLOWFLAT ROAD	20000	20100	20/02/2021	64	Left lane	43	
WILLOWFLAT ROAD	20000	20100	20/02/2021	98	Right lane	35	
WILLOWFLAT ROAD	20100	20200	20/02/2021	95	Left lane	43	
WILLOWFLAT ROAD	20100	20200	20/02/2021	121	Right lane	39	
WILLOWFLAT ROAD	20200	20300	20/02/2021	74	Left lane	47	
WILLOWFLAT ROAD	20200	20300	20/02/2021	78	Right lane	40	
WILLOWFLAT ROAD	20300	20400	20/02/2021	75	Left lane	41	
WILLOWFLAT ROAD	20300	20400	20/02/2021	85	Right lane	33	
WILLOWFLAT ROAD	20400	20500	20/02/2021	83	Left lane	38	
WILLOWFLAT ROAD	20400	20500	20/02/2021	82	Right lane	37	
WILLOWFLAT ROAD	20500	20600	20/02/2021	105	Left lane	35	
WILLOWFLAT ROAD	20500	20600	20/02/2021	112	Right lane	38	
WILLOWFLAT ROAD	20600	20700	20/02/2021	86	Left lane	34	
WILLOWFLAT ROAD	20600	20700	20/02/2021	95	Right lane	40	
WILLOWFLAT ROAD	20700	20800	20/02/2021	90	Left lane	32	
WILLOWFLAT ROAD	20700	20800	20/02/2021	80	Right lane	29	
WILLOWFLAT ROAD	20800	20900	20/02/2021	150	Left lane	27	BRIDGE Abutment end (Both)
WILLOWFLAT ROAD	20800	20900	20/02/2021	174	Right lane	22	
WILLOWFLAT ROAD	20900	20907	20/02/2021	125	Left lane	22	
WILLOWFLAT ROAD	20900	20907	20/02/2021	436	Right lane	11	
YMCA ROAD	0	100	23/02/2021	107	Left lane	36	
YMCA ROAD	0	100	23/02/2021	100	Right lane	36	
YMCA ROAD	100	200	23/02/2021	116	Left lane	45	
YMCA ROAD	100	200	23/02/2021	135	Right lane	43	
YMCA ROAD	200	300	23/02/2021	159	Left lane	53	
YMCA ROAD	200	300	23/02/2021	121	Right lane	64	
YMCA ROAD	300	400	23/02/2021	118	Left lane	62	
YMCA ROAD	300	400	23/02/2021	108	Right lane	69	
YMCA ROAD	400	500	23/02/2021	76	Left lane	59	
YMCA ROAD	400	500	23/02/2021	77	Right lane	67	

Project Number 2-Y1300 DM VT121
 Wairoa District Council
 2020 Rfoughness Report

YMCA ROAD	500	600	23/02/2021	83	Left lane	64
YMCA ROAD	500	600	23/02/2021	94	Right lane	64
YMCA ROAD	600	700	23/02/2021	71	Left lane	66
YMCA ROAD	600	700	23/02/2021	76	Right lane	65
YMCA ROAD	700	800	23/02/2021	70	Left lane	65
YMCA ROAD	700	800	23/02/2021	84	Right lane	71
YMCA ROAD	800	900	23/02/2021	66	Left lane	64
YMCA ROAD	800	900	23/02/2021	73	Right lane	71
YMCA ROAD	900	1000	23/02/2021	75	Left lane	65
YMCA ROAD	900	1000	23/02/2021	80	Right lane	69
YMCA ROAD	1000	1100	23/02/2021	65	Left lane	66
YMCA ROAD	1000	1100	23/02/2021	76	Right lane	68
YMCA ROAD	1100	1200	23/02/2021	81	Left lane	70
YMCA ROAD	1100	1200	23/02/2021	64	Right lane	70
YMCA ROAD	1200	1300	23/02/2021	77	Left lane	67
YMCA ROAD	1200	1300	23/02/2021	76	Right lane	71
YMCA ROAD	1300	1400	23/02/2021	63	Left lane	63
YMCA ROAD	1300	1400	23/02/2021	75	Right lane	61
YMCA ROAD	1400	1500	23/02/2021	63	Left lane	61
YMCA ROAD	1400	1500	23/02/2021	91	Right lane	49
YMCA ROAD	1500	1569	23/02/2021	104	Left lane	30
YMCA ROAD	1500	1569	23/02/2021	83	Right lane	21

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

Appendix B

Roughness Results naasra > 150

Road Name	Start	End	Reading Date	NAASRA	Direction	Vehicle Speed	Event Code
AIRPORT ROAD	0	100	21/02/2021	200	Left lane	28	Railway crossing
APATU STREET	1900	1932	24/02/2021	181	Right lane	24	
AWAMATE ROAD	4100	4200	24/02/2021	155	Left lane	87	
AWAMATE ROAD	4100	4200	24/02/2021	168	Right lane	81	
AWAMATE ROAD	8500	8600	24/02/2021	162	Left lane	44	BRIDGE Abutment end (Both)
AWAMATE ROAD	8500	8600	24/02/2021	171	Right lane	42	
AWAMATE ROAD	9100	9200	24/02/2021	154	Left lane	54	BRIDGE Abutment end (Both)
AWAMATE ROAD	9100	9200	24/02/2021	177	Right lane	57	
AWAMATE ROAD	11600	11700	24/02/2021	164	Left lane	43	BRIDGE Abutment end (Both)
AWAMATE ROAD	11600	11700	24/02/2021	184	Right lane	50	
AWAMATE ROAD	11800	11846	24/02/2021	170	Right lane	27	
AWATERE ROAD	0	100	21/02/2021	158	Right lane	27	
AWATERE ROAD	300	310	21/02/2021	154	Left lane	13	
BLACK STREET	200	300	21/02/2021	193	Left lane	32	INTERSECTION (Side road)
BLACK STREET	900	1000	21/02/2021	170	Left lane	26	
BLAKES APPROACH	400	500	23/02/2021	154	Right lane	43	
BLAKES APPROACH	500	516	23/02/2021	158	Left lane	28	
CAMPBELL STREET	500	600	21/02/2021	156	Left lane	29	
CAMPBELL STREET	500	600	21/02/2021	170	Right lane	34	
CAMPBELL STREET	600	700	21/02/2021	169	Left lane	43	
CHAMBERLAIN AVENUE	300	349	21/02/2021	166	Right lane	17	
CLYDE ROAD	500	600	21/02/2021	164	Left lane	49	
CLYDE ROAD	500	600	21/02/2021	159	Right lane	51	
CLYDE ROAD	1800	1854	21/02/2021	152	Right lane	27	
CRICKLEWOOD ROAD	3100	3200	20/02/2021	186	Right lane	57	
CRICKLEWOOD ROAD	3900	4000	20/02/2021	155	Left lane	64	
CRICKLEWOOD ROAD	4800	4825	20/02/2021	152	Right lane	21	
DELHI STREET	200	244	23/02/2021	253	Left lane	30	
FITZROY STREET	200	243	24/02/2021	154	Left lane	25	
FRASER STREET	800	836	24/02/2021	165	Left lane	28	
FRASER STREET	800	836	24/02/2021	199	Right lane	29	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

FREYBERG STREET	100	200	22/02/2021	166	Right lane	31	
GLENBROOK ROAD	0	100	20/02/2021	178	Left lane	27	BRIDGE Abutment enc (Both)
GLENBROOK ROAD	0	100	20/02/2021	180	Right lane	28	
GLENBROOK ROAD	1100	1200	20/02/2021	168	Left lane	38	
GLENBROOK ROAD	1100	1200	20/02/2021	152	Right lane	30	
GLENBROOK ROAD	5200	5300	20/02/2021	167	Left lane	19	BRIDGE Abutment enc (Both)
GLENBROOK ROAD	5200	5300	20/02/2021	153	Right lane	29	
GOLDSMITH STREET	200	206	21/02/2021	162	Left lane	13	
GOLDSMITH STREET	200	206	21/02/2021	198	Right lane	17	
GREY STREET (WAIROA)	200	243	24/02/2021	212	Right lane	24	
HAIG STREET	0	100	21/02/2021	152	Left lane	32	
HAIG STREET	200	226	21/02/2021	200	Left lane	12	
HAIG STREET	200	226	21/02/2021	185	Right lane	22	
HARKER AVENUE	0	100	21/02/2021	168	Left lane	24	
HARKER AVENUE	0	100	21/02/2021	169	Right lane	27	
HEREHERETAU ROAD	10100	10200	23/02/2021	185	Left lane	33	
HEREHERETAU ROAD	10100	10200	23/02/2021	192	Right lane	38	
HEREHERETAU ROAD	10600	10601	23/02/2021	237	Left lane	36	
HILLCREST	100	190	24/02/2021	172	Left lane	25	
HINEPUA ROAD	300	315	23/02/2021	189	Right lane	10	
HOSTEL LANE	0	100	22/02/2021	256	Left lane	22	
HOSTEL LANE	0	100	22/02/2021	256	Right lane	22	
HOSTEL LANE	100	200	22/02/2021	223	Left lane	23	
HOSTEL LANE	100	200	22/02/2021	223	Right lane	23	
HOSTEL LANE	200	216	22/02/2021	252	Left lane	14	
HOSTEL LANE	200	216	22/02/2021	252	Right lane	14	
HUMPHRIES STREET	500	545	21/02/2021	221	Left lane	23	
HUNT ROAD	500	581	22/02/2021	152	Right lane	34	
HUNTERBROWN STREET	100	200	22/02/2021	179	Left lane	28	
HUNTERBROWN STREET	100	200	22/02/2021	167	Right lane	26	
HUNTERBROWN STREET	700	770	22/02/2021	192	Left lane	26	
HUNTERBROWN STREET	700	770	22/02/2021	171	Right lane	27	
IHAKA STREET	0	100	22/02/2021	156	Right lane	39	
IWITEA ROAD	700	800	23/02/2021	152	Left lane	44	Railway crossing
IWITEA ROAD	700	800	23/02/2021	154	Right lane	44	
IWITEA ROAD	800	900	23/02/2021	159	Right lane	44	
JELICOE AVENUE	200	227	21/02/2021	162	Left lane	14	
JELICOE AVENUE	200	227	21/02/2021	232	Right lane	20	
KABUL STREET	500	600	21/02/2021	154	Left lane	47	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

KABUL STREET	500	600	21/02/2021	154	Right lane	39	
KABUL STREET	600	637	21/02/2021	188	Left lane	26	
KAIWAITAU ROAD	6200	6246	23/02/2021	182	Left lane	20	
KAIWAITAU ROAD	6200	6246	23/02/2021	158	Right lane	24	
KAKARIKI FARM ROAD	1600	1700	20/02/2021	161	Right lane	28	
KING STREET	200	242	23/02/2021	184	Left lane	24	
KING STREET	200	242	23/02/2021	155	Right lane	22	
KIWI ROAD	2400	2405	22/02/2021	316	Left lane	11	
KIWI ROAD	2400	2405	22/02/2021	257	Right lane	16	
KOHATU PAOPAO ROAD	600	629	23/02/2021	154	Left lane	15	
KOHATU PAOPAO ROAD	600	629	23/02/2021	166	Right lane	20	
KOPU ROAD	500	600	24/02/2021	154	Left lane	48	
KOPU ROAD	2200	2300	24/02/2021	156	Right lane	51	
KOWHAI PLACE	200	206	21/02/2021	154	Left lane	12	
KOWHAI PLACE	200	206	21/02/2021	249	Right lane	5	
LION STREET	200	242	24/02/2021	176	Right lane	25	
LOCHIEL STREET	300	393	23/02/2021	151	Left lane	33	
LUCKNOW STREET	400	500	23/02/2021	163	Left lane	29	
LUCKNOW STREET	400	500	23/02/2021	162	Right lane	29	
LUCKNOW STREET	1000	1100	23/02/2021	164	Left lane	17	
LUCKNOW STREET	1000	1100	23/02/2021	158	Right lane	23	
LUCKNOW STREET	1200	1300	23/02/2021	180	Left lane	30	PAVEMENT Surfacing begins
LUCKNOW STREET	1200	1300	23/02/2021	181	Right lane	30	
LUCKNOW STREET	1300	1400	23/02/2021	165	Left lane	28	PAVEMENT Surfacing begins
LUCKNOW STREET	1300	1400	23/02/2021	216	Right lane	30	
LUCKNOW STREET	1400	1500	23/02/2021	153	Left lane	31	PAVEMENT Surfacing begins
LUCKNOW STREET	1500	1535	23/02/2021	216	Left lane	27	
MAHANGA ROAD	3400	3500	23/02/2021	154	Left lane	50	BRIDGE Abutment enc (Both)
MAHANGA ROAD	3400	3500	23/02/2021	155	Right lane	52	
MAHIA EAST COAST ROAD	1100	1200	23/02/2021	155	Right lane	68	
MAHIA EAST COAST ROAD	1800	1900	23/02/2021	171	Left lane	51	
MAHIA EAST COAST ROAD	2100	2200	23/02/2021	165	Left lane	46	
MAHIA EAST COAST ROAD	2800	2900	23/02/2021	168	Right lane	55	
MAHIA EAST COAST ROAD	3700	3800	23/02/2021	156	Left lane	55	BRIDGE Abutment enc (Both)
MAHIA EAST COAST ROAD	4100	4200	23/02/2021	233	Left lane	28	UNSEALED Road begin
MAHIA EAST COAST ROAD	4100	4200	23/02/2021	251	Right lane	25	UNSEALED Road begin
MAHIA EAST COAST ROAD	7800	7900	23/02/2021	161	Left lane	38	BRIDGE Abutment enc (Both)
MAHIA EAST COAST ROAD	7800	7900	23/02/2021	153	Right lane	37	
MAHIA EAST COAST ROAD	15100	15119	23/02/2021	161	Left lane	35	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MAHIA EAST COAST ROAD	15100	15114	23/02/2021	166	Right lane	32	
MAHIA EAST COAST ROAD	17600	17700	23/02/2021	157	Right lane	40	
MAHIA EAST COAST ROAD	18100	18200	23/02/2021	159	Left lane	37	
MAHIA EAST COAST ROAD	21500	21600	23/02/2021	156	Left lane	30	
MAHIA EAST COAST ROAD	22100	22200	23/02/2021	158	Left lane	33	
MAHIA EAST COAST ROAD	22200	22300	23/02/2021	156	Left lane	36	
MAHIA EAST COAST ROAD	22500	22600	23/02/2021	155	Left lane	31	
MAHIA EAST COAST ROAD	22500	22600	23/02/2021	199	Right lane	30	
MAHIA EAST COAST ROAD	22700	22800	23/02/2021	172	Right lane	37	
MAHIA EAST COAST ROAD	22800	22900	23/02/2021	156	Left lane	35	
MAHIA EAST COAST ROAD	23300	23400	23/02/2021	165	Left lane	32	GRID (eg Cattle Stop)
MAHIA EAST COAST ROAD	23300	23400	23/02/2021	152	Right lane	36	
MAHIA EAST COAST ROAD	25100	25200	23/02/2021	161	Left lane	34	
MAHIA EAST COAST ROAD	25100	25200	23/02/2021	156	Right lane	30	
MAHIA EAST COAST ROAD	25200	25300	23/02/2021	157	Left lane	32	
MAHIA EAST COAST ROAD	25800	25900	23/02/2021	153	Left lane	42	
MAHIA EAST COAST ROAD	26800	26900	23/02/2021	159	Left lane	33	
MAHIA EAST COAST ROAD	26800	26900	23/02/2021	198	Right lane	30	
MAHIA EAST COAST ROAD	27200	27300	23/02/2021	181	Left lane	38	
MAHIA EAST COAST ROAD	27300	27400	23/02/2021	166	Right lane	28	
MAHIA EAST COAST ROAD	29300	29400	23/02/2021	153	Right lane	36	
MAHIA EAST COAST ROAD	29700	29800	23/02/2021	154	Right lane	41	
MAHIA EAST COAST ROAD	29900	30000	23/02/2021	181	Left lane	32	
MAHIA EAST COAST ROAD	29900	30000	23/02/2021	170	Right lane	32	
MAHIA EAST COAST ROAD	30200	30300	23/02/2021	156	Right lane	39	
MAHIA EAST COAST ROAD	30300	30400	23/02/2021	159	Right lane	39	
MAHIA HEIGHTS DRIVE	200	248	23/02/2021	158	Left lane	26	
MANGAPOIKE ROAD	2400	2500	21/02/2021	156	Left lane	62	
MANGAPOIKE ROAD	4200	4300	21/02/2021	192	Right lane	64	
MANGAPOIKE ROAD	4600	4700	21/02/2021	152	Left lane	44	
MANGAPOIKE ROAD	7900	8000	21/02/2021	181	Left lane	52	BRIDGE Abutment enc (Both)
MANGAPOIKE ROAD	7900	8000	21/02/2021	214	Right lane	60	
MANGAPOIKE ROAD	10700	10800	21/02/2021	153	Right lane	34	
MANGAPOIKE ROAD	13000	13100	21/02/2021	153	Right lane	35	
MANGAPOIKE ROAD	13300	13400	21/02/2021	169	Right lane	53	
MANGAPOIKE ROAD	13400	13500	21/02/2021	154	Right lane	57	
MANGAPOIKE ROAD	13700	13800	21/02/2021	155	Left lane	31	BRIDGE Abutment enc (Both)
MANGAPOIKE ROAD	13700	13800	21/02/2021	158	Right lane	36	
MANGAPOIKE ROAD	15500	15600	21/02/2021	185	Left lane	27	BRIDGE Abutment enc (Both)

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

MANGAPOIKE ROAD	15500	15600	21/02/2021	154	Right lane	28	
MARINE PARADE	1400	1500	23/02/2021	157	Left lane	28	Raised zebra crossing
MARINE PARADE (WESTPAC)	0	100	23/02/2021	236	Left lane	22	Raised zebra crossing
MARINE PARADE (WESTPAC)	0	100	23/02/2021	236	Right lane	22	Raised zebra crossing
MARINE PARADE (WESTPAC)	100	114	23/02/2021	191	Left lane	23	
MARINE PARADE (WESTPAC)	100	114	23/02/2021	191	Right lane	23	
MARINE PARADE CLUB	0	100	23/02/2021	226	Left lane	20	Raised zebra crossing
MARINE PARADE CLUB	0	100	23/02/2021	226	Right lane	20	Raised zebra crossing
MATAIRA STREET	200	300	22/02/2021	154	Left lane	36	
MCLEAN STREET	1400	1500	24/02/2021	204	Left lane	46	
MITCHELL ROAD	800	852	21/02/2021	155	Right lane	25	
MOANA DRIVE	1000	1034	23/02/2021	208	Left lane	28	
MOHAKA COACH ROAD	17800	17900	20/02/2021	160	Left lane	31	
MOHAKA COACH ROAD	17800	17900	20/02/2021	163	Right lane	34	BRIDGE Abutment enc (Both)
MOHAKA COACH ROAD	18300	18400	20/02/2021	168	Left lane	28	
MOHAKA COACH ROAD	18400	18500	20/02/2021	177	Left lane	26	
MOHAKA COACH ROAD	18400	18500	20/02/2021	182	Right lane	25	BRIDGE Abutment enc (Both)
MOHAKA COACH ROAD	18500	18600	20/02/2021	151	Left lane	38	
MOHAKA COACH ROAD	18500	18600	20/02/2021	159	Right lane	42	
MOHAKA COACH ROAD	18600	18700	20/02/2021	212	Left lane	34	
MOHAKA COACH ROAD	18600	18700	20/02/2021	202	Right lane	32	BRIDGE Abutment enc (Both)
MOHAKA COACH ROAD	19200	19300	20/02/2021	155	Left lane	39	
MOHAKA COACH ROAD	19200	19300	20/02/2021	155	Right lane	35	
MOHAKA COAST ROAD	0	100	20/02/2021	173	Left lane	26	
MOHAKA COAST ROAD	0	100	20/02/2021	172	Right lane	25	
MOHAKA TOWNSHIP ROAD	1400	1500	20/02/2021	159	Right lane	48	
MOHAKA TOWNSHIP ROAD	3300	3400	20/02/2021	160	Right lane	51	
MOHAKA TOWNSHIP ROAD	3400	3500	20/02/2021	167	Left lane	63	
MOHAKA TOWNSHIP ROAD	3600	3700	20/02/2021	163	Right lane	37	
MOHAKA TOWNSHIP ROAD	5200	5300	20/02/2021	152	Left lane	50	
MOHAKA TOWNSHIP ROAD	7600	7700	20/02/2021	151	Left lane	51	
MOHAKA TOWNSHIP ROAD	9300	9400	20/02/2021	166	Left lane	36	
MOHAKA TOWNSHIP ROAD	9400	9500	20/02/2021	163	Left lane	46	
MOHAKA TOWNSHIP ROAD	9600	9630	20/02/2021	168	Left lane	14	
NEWCASTLE STREET	0	100	23/02/2021	160	Left lane	36	
NEWCASTLE STREET	2700	2734	23/02/2021	177	Left lane	31	
NEWCASTLE STREET	2700	2734	23/02/2021	184	Right lane	20	
NGAMOTU ROAD	1500	1521	22/02/2021	191	Left lane	32	
NGAMOTU ROAD	1500	1521	22/02/2021	153	Right lane	27	
NUHAKA OPOUTAMA ROAD	200	300	23/02/2021	163	Left lane	67	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

NUHAKA OPOUTAMA ROAD	1500	1600	23/02/2021	172	Left lane	73	BRIDGE Abutment enc (Both)
NUHAKA OPOUTAMA ROAD	1500	1600	23/02/2021	157	Right lane	74	
NUHAKA OPOUTAMA ROAD	4100	4200	23/02/2021	172	Right lane	67	
NUHAKA OPOUTAMA ROAD	4200	4300	23/02/2021	189	Left lane	73	
NUHAKA OPOUTAMA ROAD	4200	4300	23/02/2021	179	Right lane	71	
NUHAKA OPOUTAMA ROAD	4900	5000	23/02/2021	154	Left lane	42	
NUHAKA OPOUTAMA ROAD	7100	7200	23/02/2021	151	Left lane	63	
NUHAKA OPOUTAMA ROAD	7900	8000	23/02/2021	173	Left lane	39	Speed humps
NUHAKA OPOUTAMA ROAD	7900	8000	23/02/2021	157	Right lane	38	
NUHAKA OPOUTAMA ROAD	9300	9400	23/02/2021	152	Right lane	58	
NUHAKA OPOUTAMA ROAD	10300	10400	23/02/2021	167	Left lane	49	
OHUKA ROAD	0	100	22/02/2021	190	Left lane	34	
OHUKA ROAD	0	100	22/02/2021	230	Right lane	49	
OHUKA ROAD	2300	2400	22/02/2021	158	Left lane	60	
OHUKA ROAD	2800	2900	22/02/2021	163	Right lane	67	
OHUKA ROAD	5500	5600	22/02/2021	163	Left lane	66	
OHUKA ROAD	5500	5600	22/02/2021	163	Right lane	79	
OHUKA ROAD	5800	5900	22/02/2021	155	Left lane	61	
OHUKA ROAD	5900	6000	22/02/2021	155	Left lane	57	
OHUKA ROAD	7400	7500	22/02/2021	185	Left lane	68	
OHUKA ROAD	7400	7500	22/02/2021	183	Right lane	62	
OHUKA ROAD	10700	10800	22/02/2021	155	Left lane	60	
OHUKA ROAD	11200	11300	22/02/2021	151	Left lane	40	
OHUKA ROAD	11200	11300	22/02/2021	156	Right lane	34	
OHUKA ROAD	11700	11800	22/02/2021	158	Left lane	33	BRIDGE Abutment enc (Both)
OHUKA ROAD	11700	11800	22/02/2021	178	Right lane	43	
OHUKA ROAD	12100	12200	22/02/2021	185	Left lane	26	BRIDGE Abutment enc (Both)
OHUKA ROAD	12100	12200	22/02/2021	186	Right lane	28	
OHUKA ROAD	12200	12203	22/02/2021	264	Right lane	21	
OKARE ROAD	0	100	22/02/2021	158	Left lane	35	
OKARE ROAD	100	200	22/02/2021	188	Left lane	38	
OKARE ROAD	100	200	22/02/2021	156	Right lane	42	
OKARE ROAD	500	600	22/02/2021	200	Left lane	29	GRID (eg Cattle Stop)
OKARE ROAD	500	600	22/02/2021	175	Right lane	37	
OKARE ROAD	800	900	22/02/2021	204	Left lane	54	
OKARE ROAD	800	900	22/02/2021	196	Right lane	56	
OKARE ROAD	900	1000	22/02/2021	204	Left lane	55	
OKARE ROAD	900	1000	22/02/2021	195	Right lane	58	
OKARE ROAD	1300	1400	22/02/2021	166	Left lane	59	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

OPOUTAMA VILLAGE ROAD	0	100	23/02/2021	162	Right lane	40	BRIDGE Abutment enc (Both)
OPOUTAMA VILLAGE ROAD	600	700	23/02/2021	171	Left lane	32	
OPOUTAMA VILLAGE ROAD	600	700	23/02/2021	191	Right lane	34	
OPOUTAMA VILLAGE ROAD	700	706	23/02/2021	214	Right lane	32	
ORMOND DRIVE	1500	1600	23/02/2021	154	Left lane	86	
OSLER STREET	0	100	21/02/2021	154	Left lane	33	
OSLER STREET	200	235	21/02/2021	192	Left lane	17	
OSLER STREET	200	235	21/02/2021	180	Right lane	12	
PAEROA STOCK ROAD	400	423	21/02/2021	185	Left lane	28	
PAEROA STOCK ROAD	400	423	21/02/2021	152	Right lane	9	
PAKOWHAI ROAD	1000	1067	21/02/2021	164	Left lane	26	
PAKOWHAI ROAD	1000	1067	21/02/2021	201	Right lane	28	
PARAKAWHAI ROAD	0	100	23/02/2021	234	Left lane	28	
PARAKAWHAI ROAD	0	100	23/02/2021	163	Right lane	26	
PARAKAWHAI ROAD	100	200	23/02/2021	157	Left lane	30	
PARAKAWHAI ROAD	100	200	23/02/2021	170	Right lane	33	
PIRIPAUA VILLAGE ROAD	0	100	22/02/2021	193	Left lane	32	
PIRIPAUA VILLAGE ROAD	0	100	22/02/2021	161	Right lane	30	
PIRIPAUA VILLAGE ROAD	100	200	22/02/2021	202	Left lane	29	
PIRIPAUA VILLAGE ROAD	100	200	22/02/2021	183	Right lane	28	
PIRIPAUA VILLAGE ROAD	200	300	22/02/2021	222	Left lane	25	
PIRIPAUA VILLAGE ROAD	200	300	22/02/2021	239	Right lane	27	
PIRIPAUA VILLAGE ROAD	300	400	22/02/2021	151	Right lane	29	
PIRIPAUA VILLAGE ROAD	400	500	22/02/2021	171	Left lane	29	
PIRIPAUA VILLAGE ROAD	400	500	22/02/2021	160	Right lane	26	
PIRIPAUA VILLAGE ROAD	500	509	22/02/2021	210	Right lane	7	
PUTERE ROAD	0	100	24/02/2021	183	Right lane	34	
PUTERE ROAD	2200	2300	24/02/2021	168	Right lane	63	
PUTERE ROAD	2500	2600	24/02/2021	173	Left lane	79	
PUTERE ROAD	5100	5200	24/02/2021	159	Right lane	51	
PUTERE ROAD	6800	6900	24/02/2021	169	Right lane	69	
PUTERE ROAD	7500	7600	24/02/2021	194	Right lane	53	
PUTERE ROAD	8500	8600	24/02/2021	160	Right lane	49	
PUTERE ROAD	12900	13000	24/02/2021	157	Right lane	57	
PUTERE ROAD	13700	13800	24/02/2021	152	Right lane	45	
PUTERE ROAD	14900	15000	24/02/2021	152	Right lane	57	
PUTERE ROAD	16500	16600	24/02/2021	152	Right lane	32	
PUTERE ROAD	17700	17800	24/02/2021	168	Left lane	34	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

PUTERE ROAD	17700	17800	24/02/2021	199	Right lane	28	
PUTERE ROAD	19400	19500	24/02/2021	160	Left lane	20	
PUTERE ROAD	20200	20261	24/02/2021	159	Left lane	27	
PUTERE ROAD	20200	20261	24/02/2021	189	Right lane	19	
PUTERE ROAD	21500	21511	24/02/2021	186	Right lane	19	
PUTERE ROAD	21900	22000	24/02/2021	240	Left lane	28	
PUTERE ROAD	21900	22000	24/02/2021	334	Right lane	25	
PUTERE ROAD	22000	22100	24/02/2021	207	Left lane	31	BRIDGE Abutment enc (Both)
PUTERE ROAD	22000	22100	24/02/2021	219	Right lane	31	
PUTERE ROAD	22400	22500	24/02/2021	153	Left lane	36	
PUTERE ROAD	22800	22846	24/02/2021	153	Right lane	28	
QUEEN STREET	900	1000	23/02/2021	157	Right lane	40	
QUEEN STREET	1200	1300	23/02/2021	218	Left lane	25	Raised zebra crossing
QUEEN STREET	1200	1300	23/02/2021	234	Right lane	20	
RANGIAHUA ROAD	2000	2076	24/02/2021	155	Right lane	34	
RANGIAHUA ROAD	3100	3200	24/02/2021	235	Left lane	34	
RATAU STREET	0	100	23/02/2021	157	Left lane	34	
RATAU STREET	200	267	23/02/2021	203	Right lane	27	
RIMU DRIVE	100	125	21/02/2021	186	Right lane	9	
RIRIPETI STREET	400	476	22/02/2021	151	Left lane	26	
RIVER PARADE (EAST)	100	134	22/02/2021	155	Right lane	18	
RIVER PARADE (WEST)	100	186	22/02/2021	207	Right lane	30	
RIVERINA ROAD	200	300	21/02/2021	197	Left lane	25	
RIVERINA ROAD	300	400	21/02/2021	259	Left lane	36	BRIDGE Abutment enc (Both)
RIVERINA ROAD	300	400	21/02/2021	271	Right lane	26	
RIVERINA ROAD	400	489	21/02/2021	210	Left lane	25	BRIDGE Abutment enc (Both)
RIVERINA ROAD	400	489	21/02/2021	227	Right lane	24	
ROHEPOTAE ROAD	4100	4200	24/02/2021	162	Left lane	20	
ROTTEN ROW	0	100	22/02/2021	153	Right lane	31	
ROTTEN ROW	100	200	22/02/2021	193	Left lane	37	
ROTTEN ROW	200	263	22/02/2021	178	Left lane	23	GRID (eg Cattle Stop)
ROTTEN ROW	200	263	22/02/2021	235	Right lane	21	
RUAKITURI ROAD	200	300	21/02/2021	176	Left lane	33	BRIDGE Abutment enc (Both)
RUAKITURI ROAD	200	300	21/02/2021	192	Right lane	43	
RUAKITURI ROAD	4700	4800	21/02/2021	162	Right lane	49	
RUAKITURI ROAD	6800	6900	21/02/2021	160	Left lane	55	
RUAKITURI ROAD	6800	6900	21/02/2021	186	Right lane	50	
RUAKITURI ROAD	9000	9100	21/02/2021	182	Left lane	51	BRIDGE Abutment enc (Both)

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

RUAKITURI ROAD	9000	9100	21/02/2021	151	Right lane	60	
RUAKITURI ROAD	10800	10900	21/02/2021	151	Right lane	53	
RUAKITURI ROAD	11600	11700	21/02/2021	155	Left lane	60	
RUAKITURI ROAD	15500	15600	21/02/2021	153	Right lane	48	
RUAKITURI ROAD	18500	18600	21/02/2021	162	Left lane	52	
RUAKITURI ROAD	18500	18600	21/02/2021	167	Right lane	56	
RUAKITURI ROAD	18900	19000	21/02/2021	162	Right lane	59	
RUAPAPA ROAD	600	700	22/02/2021	164	Right lane	55	
RUAPAPA ROAD	2400	2500	22/02/2021	189	Left lane	40	
RUAPAPA ROAD	2400	2500	22/02/2021	178	Right lane	41	
RUAPAPA ROAD	2500	2600	22/02/2021	152	Left lane	37	BRIDGE Abutment enc (Both)
RUAPAPA ROAD	2600	2700	22/02/2021	153	Left lane	43	BRIDGE Abutment enc (Both)
RUAPAPA ROAD	2600	2700	22/02/2021	185	Right lane	49	
RUAPAPA ROAD	3400	3500	22/02/2021	165	Right lane	78	
RUAPAPA ROAD	3800	3900	22/02/2021	174	Left lane	54	BRIDGE Abutment enc (Both)
RUAPAPA ROAD	4100	4106	22/02/2021	241	Left lane	21	
RUAPAPA ROAD	16600	16700	22/02/2021	183	Left lane	46	
RUAPAPA ROAD	17100	17200	22/02/2021	152	Right lane	59	
RUAPAPA ROAD	17500	17600	22/02/2021	192	Right lane	40	UNSEALED Road begin
RUAPAPA ROAD	18500	18600	22/02/2021	152	Left lane	51	
RUSSELL PARADE	0	100	21/02/2021	151	Left lane	36	
RUSSELL PARADE	500	600	21/02/2021	151	Right lane	53	
SOMMERVILLE STREET	100	200	22/02/2021	171	Left lane	28	
SOMMERVILLE STREET	100	200	22/02/2021	154	Right lane	28	
SOMMERVILLE STREET	200	300	22/02/2021	153	Left lane	32	
SOMMERVILLE STREET	300	400	22/02/2021	164	Left lane	39	
SOMMERVILLE STREET	300	400	22/02/2021	154	Right lane	34	
SOMMERVILLE STREET	600	646	22/02/2021	178	Left lane	20	
SOMMERVILLE STREET	600	646	22/02/2021	153	Right lane	16	
STOUT STREET	100	183	21/02/2021	162	Left lane	32	
STOUT STREET	100	183	21/02/2021	176	Right lane	25	
SYDNEY STREET	100	200	21/02/2021	205	Left lane	40	
SYDNEY STREET	200	227	21/02/2021	252	Left lane	14	
SYDNEY STREET	200	227	21/02/2021	164	Right lane	19	
TE KAHU ROAD	1200	1223	20/02/2021	170	Right lane	18	
TERAKIHI STREET	100	108	23/02/2021	179	Left lane	14	
THE CRESCENT	0	100	21/02/2021	156	Left lane	20	
THE CRESCENT	0	100	21/02/2021	153	Right lane	25	
THE CRESCENT	100	123	21/02/2021	202	Left lane	18	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

THE CRESCENT	100	123	21/02/2021	273	Right lane	8	
TINIROTO ROAD	1800	1900	21/02/2021	151	Left lane	71	
TINIROTO ROAD	2100	2200	21/02/2021	169	Right lane	68	
TINIROTO ROAD	4700	4800	21/02/2021	153	Right lane	82	
TINIROTO ROAD	12300	12400	21/02/2021	182	Right lane	54	
TINIROTO ROAD	19400	19500	21/02/2021	159	Right lane	65	
TITIRANGI ROAD	300	400	22/02/2021	152	Right lane	53	
TUAI MAIN ROAD	700	800	22/02/2021	184	Left lane	29	GRID (eg Cattle Stop)
TUAI MAIN ROAD	700	800	22/02/2021	174	Right lane	28	
TUAI MAIN ROAD	900	1000	22/02/2021	169	Left lane	35	
TUAI MAIN ROAD	1000	1100	22/02/2021	169	Left lane	31	
TUAI MAIN ROAD	1100	1200	22/02/2021	151	Left lane	32	
TUAI MAIN ROAD	1100	1200	22/02/2021	194	Right lane	36	
TUAI MAIN ROAD	1200	1300	22/02/2021	215	Left lane	35	
TUAI MAIN ROAD	1200	1300	22/02/2021	245	Right lane	37	
TUAI MAIN ROAD	1300	1400	22/02/2021	163	Left lane	37	
TUAI MAIN ROAD	1300	1400	22/02/2021	151	Right lane	37	
TUAI MAIN ROAD	1400	1500	22/02/2021	170	Left lane	37	
TUAI MAIN ROAD	1400	1500	22/02/2021	162	Right lane	40	
TUAI MAIN ROAD	1600	1641	22/02/2021	159	Left lane	29	
TUNANUI ROAD	0	100	22/02/2021	167	Left lane	29	
TUNANUI ROAD	0	100	22/02/2021	164	Right lane	23	
TUNANUI ROAD	100	200	22/02/2021	155	Left lane	41	
TUNANUI ROAD	100	200	22/02/2021	154	Right lane	39	
TUNANUI ROAD	300	400	22/02/2021	163	Right lane	33	
TUNANUI ROAD	400	500	22/02/2021	203	Left lane	39	
TUNANUI ROAD	400	500	22/02/2021	193	Right lane	34	
TUNANUI ROAD	500	600	22/02/2021	155	Left lane	40	
TUNANUI ROAD	500	600	22/02/2021	160	Right lane	36	
UPOKO TATARAMOA DRIVE	100	200	23/02/2021	156	Right lane	39	
VALLEY ROAD	0	100	22/02/2021	161	Left lane	26	
VALLEY ROAD	300	372	22/02/2021	161	Right lane	20	
VICTORIA AVENUE	200	227	21/02/2021	234	Left lane	14	
VICTORIA AVENUE	200	227	21/02/2021	163	Right lane	22	
WAIATAI ROAD	100	183	23/02/2021	219	Left lane	33	BRIDGE Abutment end (Both)
WAIATAI ROAD	100	183	23/02/2021	199	Right lane	35	
WAIATAI ROAD	2800	2900	23/02/2021	186	Right lane	41	
WAIHINAHINA WAY	300	310	23/02/2021	180	Right lane	6	
WAIHUA VALLEY ROAD	1100	1191	20/02/2021	162	Right lane	27	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WAIKAREMOANA ROAD (ROAD 38)	100	200	22/02/2021	209	Left lane	35	BRIDGE Abutment enc (Both)
WAIKAREMOANA ROAD (ROAD 38)	100	200	22/02/2021	198	Right lane	35	
WAIKAREMOANA ROAD (ROAD 38)	3200	3257	22/02/2021	177	Right lane	28	
WAIKAREMOANA ROAD (ROAD 38)	10200	10300	22/02/2021	212	Left lane	27	BRIDGE Abutment enc (Both)
WAIKAREMOANA ROAD (ROAD 38)	10200	10300	22/02/2021	215	Right lane	25	
WAIKAREMOANA ROAD (ROAD 38)	15900	16000	22/02/2021	207	Left lane	23	
WAIKARETAHEKE STREET	0	100	22/02/2021	173	Left lane	26	
WAIKARETAHEKE STREET	0	100	22/02/2021	153	Right lane	30	
WAIKARETAHEKE STREET	100	200	22/02/2021	193	Left lane	26	
WAIREKA ROAD	1400	1500	24/02/2021	192	Left lane	34	
WAIREKA ROAD	1400	1500	24/02/2021	203	Right lane	35	
WAIREKA ROAD	1900	2000	24/02/2021	200	Left lane	29	
WAIREKA ROAD	1900	2000	24/02/2021	184	Right lane	28	
WAIREKA ROAD	2000	2100	24/02/2021	170	Right lane	33	
WAIREKA ROAD	2100	2200	24/02/2021	154	Left lane	30	
WAIREKA ROAD	2100	2200	24/02/2021	165	Right lane	29	
WAIREKA ROAD	2500	2600	24/02/2021	174	Right lane	28	
WAIREKA ROAD	2700	2800	24/02/2021	151	Right lane	32	
WAIREKA ROAD	3000	3010	24/02/2021	153	Right lane	27	
WAIROA OLD CEMETERY ACCESS ROAD	0	100	24/02/2021	206	Left lane	27	
WAIROA OLD CEMETERY ACCESS ROAD	0	100	24/02/2021	206	Right lane	27	
WAIROA OLD CEMETERY ACCESS ROAD	100	200	24/02/2021	157	Left lane	28	
WAIROA OLD CEMETERY ACCESS ROAD	100	200	24/02/2021	157	Right lane	28	
WAIROA OLD CEMETERY ACCESS ROAD	200	300	24/02/2021	154	Left lane	26	
WAIROA OLD CEMETERY ACCESS ROAD	200	300	24/02/2021	154	Right lane	26	
WAIROA OLD CEMETERY ACCESS ROAD	300	400	24/02/2021	156	Left lane	22	
WAIROA OLD CEMETERY ACCESS ROAD	300	400	24/02/2021	156	Right lane	22	
WAIROA OLD CEMETERY ACCESS ROAD	400	500	24/02/2021	280	Left lane	22	
WAIROA OLD CEMETERY ACCESS ROAD	400	500	24/02/2021	280	Right lane	22	
WAIROA OLD CEMETERY ACCESS ROAD	500	600	24/02/2021	235	Left lane	28	
WAIROA OLD CEMETERY ACCESS ROAD	500	600	24/02/2021	235	Right lane	28	
WAIROA OLD CEMETERY ACCESS ROAD	600	634	24/02/2021	159	Left lane	13	
WAIROA OLD CEMETERY ACCESS ROAD	600	634	24/02/2021	159	Right lane	13	
WESTERN EXTENSION	300	310	22/02/2021	228	Right lane	7	
WILLOWFLAT ROAD	0	100	20/02/2021	152	Right lane	36	
WILLOWFLAT ROAD	2100	2200	20/02/2021	151	Right lane	47	
WILLOWFLAT ROAD	2400	2500	20/02/2021	159	Right lane	42	

Project Number 2-Y1300 DM VT121
Wairoa District Council
2020 Rfoughness Report

WILLOWFLAT ROAD	2900	3000	20/02/2021	164	Right lane	50	
WILLOWFLAT ROAD	5100	5200	20/02/2021	154	Right lane	46	
WILLOWFLAT ROAD	5400	5500	20/02/2021	167	Right lane	47	
WILLOWFLAT ROAD	5500	5600	20/02/2021	169	Right lane	48	
WILLOWFLAT ROAD	7300	7400	20/02/2021	151	Right lane	53	
WILLOWFLAT ROAD	7400	7500	20/02/2021	151	Left lane	52	
WILLOWFLAT ROAD	7700	7800	20/02/2021	168	Right lane	44	
WILLOWFLAT ROAD	8500	8600	20/02/2021	152	Left lane	48	
WILLOWFLAT ROAD	8500	8600	20/02/2021	162	Right lane	49	
WILLOWFLAT ROAD	9000	9100	20/02/2021	162	Right lane	58	
WILLOWFLAT ROAD	10100	10200	20/02/2021	170	Right lane	49	
WILLOWFLAT ROAD	10500	10600	20/02/2021	162	Right lane	41	
WILLOWFLAT ROAD	10900	11000	20/02/2021	152	Left lane	49	
WILLOWFLAT ROAD	11300	11400	20/02/2021	181	Right lane	49	
WILLOWFLAT ROAD	11800	11900	20/02/2021	166	Right lane	45	
WILLOWFLAT ROAD	12900	13000	20/02/2021	169	Left lane	32	
WILLOWFLAT ROAD	13000	13100	20/02/2021	181	Left lane	38	
WILLOWFLAT ROAD	13000	13100	20/02/2021	241	Right lane	35	BRIDGE Abutment enc (Both)
WILLOWFLAT ROAD	13700	13800	20/02/2021	151	Left lane	49	
WILLOWFLAT ROAD	13800	13900	20/02/2021	156	Right lane	47	
WILLOWFLAT ROAD	14200	14300	20/02/2021	158	Right lane	51	
WILLOWFLAT ROAD	14400	14500	20/02/2021	170	Right lane	39	
WILLOWFLAT ROAD	15700	15800	20/02/2021	161	Left lane	36	
WILLOWFLAT ROAD	15800	15900	20/02/2021	170	Right lane	41	
WILLOWFLAT ROAD	16100	16200	20/02/2021	179	Left lane	39	
WILLOWFLAT ROAD	16100	16200	20/02/2021	168	Right lane	41	
WILLOWFLAT ROAD	16300	16400	20/02/2021	184	Right lane	48	
WILLOWFLAT ROAD	17900	18000	20/02/2021	156	Right lane	39	
WILLOWFLAT ROAD	18200	18300	20/02/2021	153	Right lane	37	BRIDGE Abutment enc (Both)
WILLOWFLAT ROAD	18300	18344	20/02/2021	174	Left lane	32	
WILLOWFLAT ROAD	18300	18344	20/02/2021	187	Right lane	30	BRIDGE Abutment enc (Both)
WILLOWFLAT ROAD	20800	20900	20/02/2021	174	Right lane	22	
WILLOWFLAT ROAD	20900	20907	20/02/2021	436	Right lane	11	
YMCA ROAD	200	300	23/02/2021	159	Left lane	53	





wsp.com/nz

8.2 3 WATERS STIMULUS PROJECT UPDATE

- Author:** Jonny Hardie, Kaiwhakahaere Kaupapa-Whaipainga Project Manager-Infrastructure
- Authoriser:** Stephen Heath, Pouwhakarae – Hua Pūmau Hapori / Ratonga Group Manager Community Assets and Services
- Appendices:**
1. Project tracking spreadsheet [↓](#)
 2. Geo-bag laydown area being filled [↓](#)
 3. Project Programme [↓](#)

1. PURPOSE

- 1.1 This report provides information for Committee on the Three Waters Stimulus package.
- 1.2 No decisions are required by Committee at this stage.

RECOMMENDATION

The Kaiwhakahaere Kaupapa-Whaipainga Project Manager-Infrastructure RECOMMENDS that Committee receive the report.

2. BACKGROUND

- 2.1 This report forms a summary only of projects “at a glance”. Additional reports will continue to be provided where further direction is sought from Infrastructure Committee.

3. DIRECTION

- 3.1 This section will outline the direction that Infrastructure Committee & Council provide CAAS. It will outline how projects align with Council’s direction and how these projects are being delivered in line with relevant policies and strategies i.e. Infrastructure strategy, procurement guidelines, AMPs, LTP, Annual Plan.
- 3.2 **Delivery Plan** - 8th September 2020, Council Meeting.
Resolution: That Council approve the 3 Waters Reform tranche one and delegate the Chief Executive Officer to spend the grand funds.
- 3.3 **Memorandum of Understanding** - 11th August 2020, Extraordinary Council Meeting.
Resolution: Agreeing to sign a Memorandum of Understanding (MoU) with the Crown, agreeing to participate in the initial stage of a central/local government three waters service delivery reform programme and authorising the Chief Executive to enter into the Funding Agreement, to accept a grant from the Crown to spend on operating and/or capital expenditure relating to three waters infrastructure and service delivery.

4. MONITORING

- 4.1 This section will refer to the project dashboard at Appendix 1. Any project areas such as budget or delivery that are highlighted Amber or Red in the dashboard will be commented on here. (please note this project dashboard forms part of an Excel spread sheet capturing all project activities, Property, Roding, 3 Waters)

- 4.2 Team to meet with Crown Infrastructure Partners in April to discuss proposed amendments to the Delivery Plan. Changes have arisen following firming up of budgets, Mahanga water supply referendum result, and the unfeasibility of some projects following a more thorough review. New projects have been added pending DIA approval.
- 4.3 The Mahanga water supply referendum result indicated the supply will remain operational. The original budget for this project has been reduced to \$75,000 which will include an additional concrete water tank, upgrading the chlorination dosing system, electrical controls, new SCADA monitoring with alarming, new smart meter volumetric data collection, and reservoir level monitoring.
- 4.4 See attached programme (V3) for individual project duration and anticipated completion dates.
- 4.5 See below in Risks for the identified risks of the Three Waters Stimulus Projects.

5. RISKS

- 5.1 This section will refer to the project dashboard at Appendix 1. Any risks outlined will be summarised with mitigation actions outlined. This will focus on the high or extreme risk levels.
- 5.2 Cost overruns are expected on certain projects, which will be balanced out by projects where known tender prices/quotes are less than budgets.
- 5.3 Project Smart Meters is experiencing supply problems which has delayed the expected start date of March 2021 by one month. Finding suitable Wairoa based staff is proving difficult at the moment. Fulton Hogan have indicated Gisborne staff will be available if required to ensure target delivery dates are met. Delivery of this project remains one of the most significant risks due to its size and value.
- 5.4 Quarterly reporting to the Department of Internal Affairs (DIA) has identified several key risks to the project. The table below is taken from the most recent January quarterly report. The top risk labelled 'mandatory' was also identified by DIA themselves. The tight timeframe is being carefully monitored and constantly reiterated to our suppliers. Crown Infrastructure Partners who are partnering with the DIA, are coming to Wairoa 31/03/2021 to discuss these risks including amendments of the Delivery Plan.

Top 5 Risks and Contractor Claims				
Risk # (Highest to lowest)	Risk Name	Impact	Likelihood	Commentary on mitigants
Mandatory	Completion of programme by 31 March 2022	High	Medium	
1	Under expenditure - \$11.04M programme is significant compared to prior years' expenditure.	Medium	Medium	New staff employed to assist with delivery
2	Minor variation to existing consent and landowner approval required for the Opoutama/Blue Bay WWTP effluent disposal field.	Medium	Low	Dedicated personnel have been appointed to resolve this issue
3	Smart metering (\$2.98M) is new to the Wairoa DC.	Low	Low	Developing robust project delivery plan with suppliers. Utilising FH Gisborne who have delivered for GDC previously
4	Covid related delays for overseas equipment orders	Medium	Medium	Ordering early, allowing contingency for delays

5	Lack of suppliers available to deliver accelerated works programme in such a tight timeframe	High	Low	Engaging suppliers early and ensuring they prioritise and commit to expected timeframes
---	--	------	-----	---

6. RESOURCES

- 6.1 This section will discuss levels of resourcing such as budget, equipment, contractors or staffing.
- 6.2 Three full time staff have been employed through this stimulus package.
- 6.3 Overall budget remains on track. As scoping progresses, we will have more clarity on how final budgets will be allocated for each project. This will be an ongoing juggle as the majority of projects do not yet have a current fixed price, and variations are likely. An initial cashflow forecast has been submitted to DIA in the January quarterly report. This has indicated all funding to be spent by March 2022 at this stage. If delays are experienced and can be justified, DIA may agree to a time extension further down the track, however, March 2022 will remain our target completion date for the foreseeable future.
- 6.4 The risk of delays due to COVID-19 remain high. Several items of equipment have been ordered from Europe with an estimated 6-month lead time. Ongoing COVID lockdowns potentially
- 6.5 Several work packages are being delivered through our existing three waters contractor Fulton Hogan. Their size and presence allows access to further resource if required, which will help mitigate any project delays.

Signatories

 	
Author Jonny Hardie	Approved by Stephen Heath

Project	Risk		Financials				Delivery		Commentary	
	Raw	Res.	Phase	Budget	Variation Budget	Spend to date	Forecast spend	Delivery date		%
Water Meter Upgrade & Backflow Prevention ("Smart" Meters)			Delivery	\$ 2,725,876	\$ 30,000	\$ 28,265	\$ 2,755,876	Mar 22		Smart meters ordered through FH. Manifold & boxes supplied by Accuflow. Real risk of project duration extended beyond required March 2022 completion date; this will be monitored closely.
Water Main Replacement - River Parade (Ferry Hotel)			Design	\$ 180,000	\$ -	\$ 2,038	\$ 180,000	Apr 21	5	Water main alignment selected. To be relocated in April, pending confirmation from Fulton Hogan.
Water Main Replacement - Achilles Street			Design	\$ 1,000,000	\$ 265,000	\$ -	\$ 735,000	Jun 21		Preliminary quote from FH well under budget. Start date May 2021.
NEW Water Main Replacement - Cemetery [PENDING DIA APPROVAL]			Investigative	\$ -	\$ 115,000	\$ -	\$ 115,000	Jul 21		New project added pending DIA approval
Mahanga Water Supply Improvements			Design	\$ 410,000	\$ 335,000	\$ -	\$ 75,000	Jan 22		Referendum complete. Residents chose to maintain existing supply. WDC to contribute for extra storage, pumping, SCADA. To be scoped this month.
Chlorination Dosing Pumps / Resilience - Raupunga Water Supply			Completed	\$ 12,000	\$ -	\$ 10,435	\$ 12,000	Feb 21	100	Complete
Wairoa Water Treatment Plant improvements			Design	\$ -	\$ 90,000	\$ -	\$ 90,000	May 21		Quote received.
Blue Bay WWTP Upgrade - Stage 1 (Plant / Dump Station)			Design	\$ 650,000	\$ 128,848	\$ 124,325	\$ 861,248	Oct 21	10	Design being completed by Parklink & WaterSolutionNZ. Design to focus on a re-fit of the existing plant footprint. Dedicated underground encapsulated tanks to be installed to regain motorhome dump station compliance. Dumped waste will be monitored over a period, and if suitable will be pumped to the Blue Bay WWTP in future. Slightly higher than original budget, but will be covered comfortably by reductions in others.
Blue Bay WWTP Upgrade - Stage 2 (Disposal Field)			Investigative	\$ 800,000	\$ 224,570	\$ -	\$ 575,430	Aug 21	5	Reclassification of land adjacent to the existing disposal field is being completed by WSP, to allow disposal to take place. The design of the new field will be based on the original.
CCTV Wastewater Pipe Network - Wairoa Township			Delivery	\$ 157,950	\$ 85,400	\$ -	\$ 72,550	Apr 21	10	Work underway.
Relining Wastewater Pipe Network - Wairoa Township			Delivery	\$ 1,140,500	\$ -	\$ -	\$ 1,140,500	Feb 22		Work to be completed in April/October 2021, and February 2022. An accelerated programme will allow 5 years of relining to be completed in 2021 & 2022.
Wairoa WWTP Upgrade - Biological Nutrient Removal & Activated Sludge			Delivery	\$ 897,000	\$ 176,823	\$ 322,588	\$ 1,073,823	Aug 21	30	Forecasting slightly over budget due to actual quotes exceeding original estimate. Agreement recently signed for supply and installation of an Inlet Screen currently on order from Europe (\$610,000.00 value)
Wairoa WWTP Upgrade - Disposal to Land / Irrigation (Mucalo / Powdrell)			Investigative	\$ 306,000	\$ -	\$ -	\$ 306,000	Mar 22	5	Memorandum of Understanding signed with landowners Powdrell and Mucalo. Trial irrigation system to be implemented this year. Lowe Environmental providing advice.
Wairoa WWTP Upgrade - Filtration / UV			Investigative	\$ 710,000	\$ -	\$ -	\$ 710,000	Mar 22	5	Working on developing an overall strategy for the WWTP to ensure correct components are installed. Filtration method to be determined.
Dedicated Pump Station Generators - Wairoa Township			Design	\$ 451,350	\$ 171,350	\$ 55,424	\$ 280,000	Oct 21	20	Generators have been ordered. Scoping is ongoing to determine how best to incorporate these with the existing pump stations. Walkover with H&S team to help with scoping.
Telemetry Base Sets / Pump Station Renewals - Wairoa Township			Investigative	\$ 414,825	\$ 14,825	\$ -	\$ 400,000	Nov 21		Scoping in progress
NEW Sewer Main Construction - Scott St [PENDING DIA APPROVAL]			Investigative	\$ -	\$ 285,000	\$ -	\$ 285,000	Sep 21		Scoping in progress
NEW Sewer Rising Main Resilience - Mahia [PENDING DIA APPROVAL]			Investigative	\$ -	\$ 140,000	\$ -	\$ 140,000	Sep 21		Scoping in progress
NEW Piping Open Drains - Kitchener St to Clyde Rd intersection (contribution) [PENDING DIA APPROVAL]			Delivery	\$ -	\$ 100,000	\$ -	\$ 100,000	May 21	5	FH have begun work.
Hawke's Bay Regional Contribution - Water Safety Plans, etc			Design	\$ 166,420	\$ -	\$ -	\$ 166,420	Mar 22	15	RFP for private water supplies being developed currently. Other regional projects to follow.
Blue Bay Water Supply Upgrade [DELETED]				\$ 200,000	\$ 200,000	\$ -	\$ -			Removed from scope - no action required by Council; insufficient time to implement suitable solution
TOTAL OVERHEAD ALLOCATION				\$ 803,501	\$ 169,066	\$ -	\$ 972,567			Overhead costs - Staff wages, including DIA RFI costs incurred
FUNDS COMMITTED TO DATE THROUGH WORK INSTRUCTIONS				\$ -	\$ -	\$ 5,774,547	\$ -			Smart meters contract; Achilles St water main; HBRC river parade contribution; CCTV wastewater pipes; BNRAS total; Regional project contribution; Water Treatment Plant minor resilience; Blue Bay design & components
						\$ 6,317,622	\$ 11,046,414		57	

Risk Key

Low

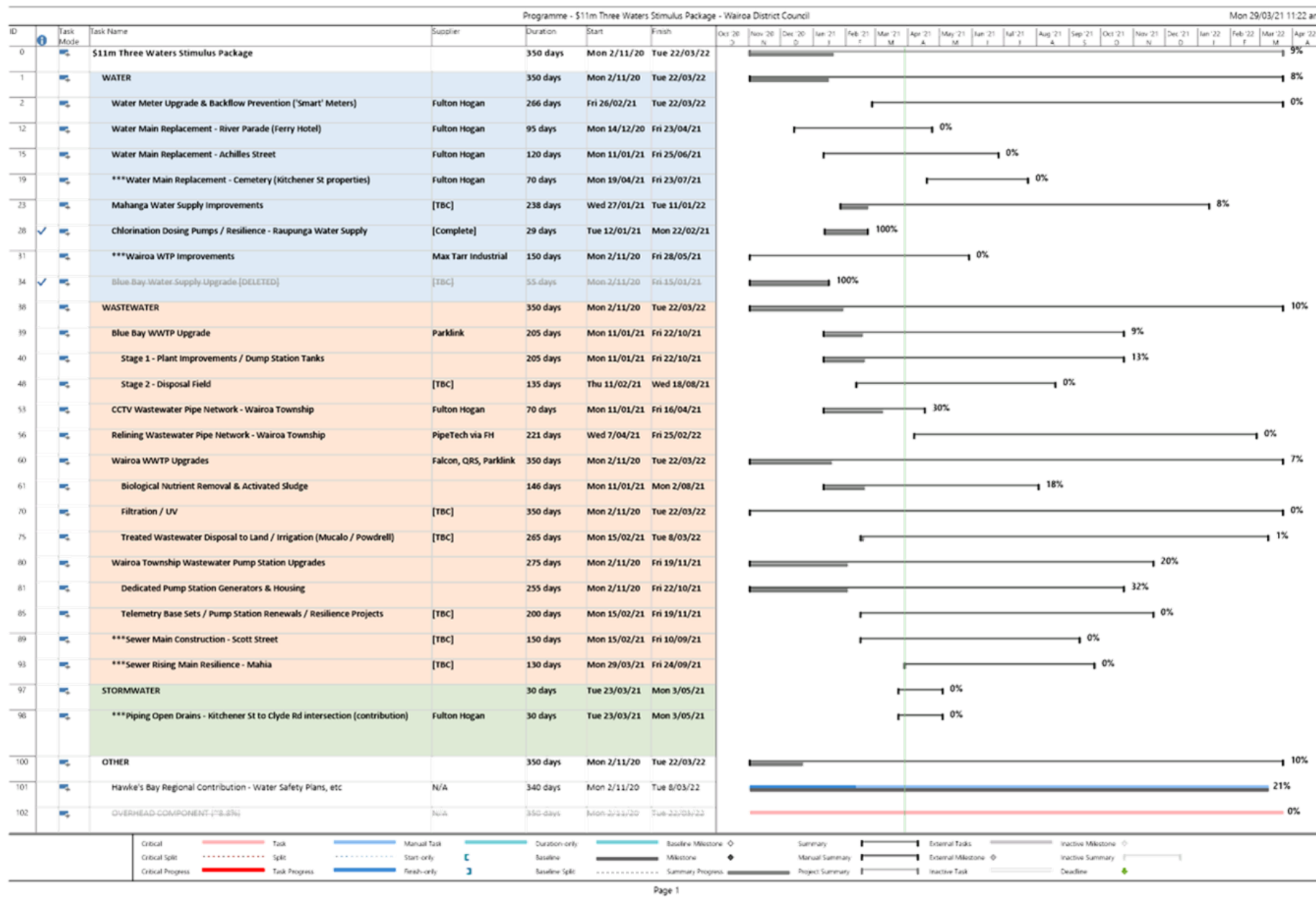
Considerable

High

Extreme

Risk Key Low Considerable High Extreme





9 PUBLIC EXCLUDED ITEMS**RESOLUTION TO EXCLUDE THE PUBLIC****RECOMMENDATION**

That the public be excluded from the following parts of the proceedings of this meeting.

The general subject matter 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 of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 48 for the passing of this resolution
9.1 - 3-Waters & Land Transport Contract Rollover/Procurement Review	<p>s7(2)(b)(ii) - the withholding of the information is necessary to protect information where the making available of the information would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information</p> <p>s7(2)(h) - the withholding of the information is necessary to enable Council to carry out, without prejudice or disadvantage, commercial activities</p> <p>s7(2)(i) - the withholding of the information is necessary to enable Council to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations)</p>	s48(1)(a)(i) - the public conduct of the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist under section 6 or section 7