NZ TRANSPORT AGENCY
WAKA KOTAHI

Level 11, HSBC House
1 Queen Street
Private Bag 106602
Auckland 1143
New Zealand
T 64 9 969 9800
F 64 9 969 9813
www.nzta.govt.nz

15 May 2015

[redacted]

Dear [redacted]

Request made under the Official Information Act 1982

Thank you for your email of 26 March 2015 requesting information on bridge upgrades and/or roading works in Northland over the past six years. We sought your refinement of your request and on 8 April 2015 you resubmitted your request for:

All advice, research and other relevant data that the NZ Transport Agency has prepared for government ministers, other MPs or Treasury between 26 March 2014 and 26 March 2015 relating to:

- *the announcement to upgrade the 10 bridges in Northland*
- *significant roading projects in Northland*
- *Puhoi to Wellsford Road of National Significance.*

The following documents fall within the scope of your request about Northland bridges and significant roading projects. Information which is out of the scope of your request has been redacted.

Attachments 8, 9and 10 were provided in response to requests from the Office of the Minister of Transport about upgrading the Northland bridges. The Transport Agency was not asked to provide advice to the Minister of Transport about whether to proceed with upgrading the Northland bridges.

- Attachment 1: Emails of 11 June 2014 with information for Phil Heatley MP on Whangarei Corridor projects.
- Attachment 2: Emails of July 2014 to and from Mike Sabin MP regarding prioritising Matakohe bridge realignment.
- Attachment 3: Briefing note dated 4 November 2014 to Minister of Transport titled *Repairs to storm-damaged roads in Northland.*
- Attachment 4: Emails of October and November 2014 to and from Mike Sabin MP regarding Northland roading 'pinch points'. Please note that the attachment to the memo referred to was not included in the email of 19 November 2014 to Mike Sabin.
- Attachment 5: Briefing note dated 5 December 2014 to Minister of Transport titled *Background information for Northland visit.*

RELEASED UNDER THE OFFICIAL INFORMATION ACT

- Attachment 6: Briefing note dated 15 December 2014 to Minister of Transport titled *Itinerary and supporting information for Northland visit on 19 December 2014.*

- Attachment 7: Emails of 2 March 2015 to and from the Office of the Minister of Transport regarding the Loop Road North to Smeatons Hill Safety Improvements project.

- Attachment 8: Emails of 5 March 2015 to Office of the Minister of Transport regarding single-lane bridges in Northland.

- Attachment 9: Email of 6 March 2015 to Office of the Minister of Transport regarding replacement costs for single-lane bridges in Northland.

- Attachment 10: Email of 6 March 2015 to Office of the Minister of Transport regarding the draft Northland Regional Land Transport Plan.

- Attachment 11: Emails of 17 March 2015 to and from the Office of the Minister of Transport regarding the Akerama Improvements project.

The following documents fall within the scope your request about the Puhoi to Wellsford Road of National Significance:

- Attachment 12: Emails of 7 April 2014 to and from the Office of the Minister of Transport regarding the economic benefits of the Puhoi to Wellsford Road of National Significance.

- Attachment 13: Update on Puhoi to Wellsford Road of National Significance provided to the Office of the Minister of Transport, May 2014.

- Attachment 14: Emails of 18 June 2014 to and from the Office of the Minister of Transport regarding key dates for the Puhoi to Wellsford Road of National Significance.

- Attachment 15: Email of 25 June 2014 to the Office of the Minister of Transport regarding construction timing for the Puhoi to Wellsford Road of National Significance.

- Attachment 16: Information prepared for the Office of the Minister of Transport on crash statistics, and benefits of Puhoi to Wellsford Road of National Significance.

- Attachment 17: Emails of August 2014 to and from the Office of the Minister of Transport regarding construction timing for the Puhoi to Wellsford Road of National Significance.

- Attachment 18: Emails of March 2015 to and from the Office of the Minister of Transport regarding kauri trees on land designated for the Puhoi to Warkworth project.

Certain information has been withheld under section 9(2)(f)(iv) of the Official Information Act 1982. This section allows for the withholding of information to protect the confidentiality of advice tendered by Ministers of the Crown and officials.

With respect to the information that has been withheld, I do not consider there are any other factors which would render it desirable, in the public interest, to make the information available.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Under section 28(3) of the Official Information Act 1982, you have the right to apply to an Ombudsman for an investigation and review of the decision to withhold this information. The address is:
Office of the Ombudsmen
PO Box 10152
Wellington

If you would like to discuss this reply with the Transport Agency, please contact Andy Knackstedt, National Media Manager, by email to andrew.knackstedt@nzta.govt.nz or by phone on (04) 894 6285.

Yours sincerely

Brett Gliddon
Highway Manager Auckland and Northland

RELEASED UNDER THE OFFICIAL INFORMATION ACT

[redacted]

From: Gail Wilson
Sent: Wednesday, 11 June 2014 3:19 p.m.
To: Helen White (Helen.White@parliament.govt.nz); michelle.witkowski@parliament.govt.nz
Subject: Urgent please - FW: SH1 - Corridor Improvements - Whangarei

Hi

Can't get hold of you on the phone.

Phil Heatley's asked our Akl office for an update on the Whangarei corridor projects by 3.30 today – apparently is doing some media interviews and expects to be asked.

Our proposed response below.

His office (Lynn) rang our Akl SH manager directly with the request.

How do you want to handle it?

Gail

Gail Wilson
Senior Adviser Official Correspondence
NZ Transport Agency
DDI 64 4 894 6283
E gail.wilson@nzta.govt.nz

Please consider the environment before printing this email

From: Duminda Wijayasighe
Sent: Wednesday, 11 June 2014 2:54 p.m.
To: Steve Mutton
Cc: Rachael Thackwray
Subject: SH1 - Corridor Improvements - Whangarei

Hi Steve,

I was able to get the below information from some previous records.
Hope this is fine for the time being.

#	Component Name	Status	Expected Outcomes
1	Kamo Bypass – Stage 2	Project Successfully completed	Increased capacity and improve journey times during congestion

RELEASED UNDER THE OFFICIAL INFORMATION ACT

2	Percy St to Kensington Ave Safety Improvements	Project successfully completed	Increased capacity and improve journey times during congestion
3	SH1 / 14 Intersection Improvements	Project successfully completed	Increased safety aspects around the intersection and improve journey times during congestion
4	Kensington Ave to Manse St Safety Improvements	• Under the D& PD phase • Construction to be started in mid 14/15	• A smooth travel ride with no unnecessary lane drop will enhance the customer experience and improve journey times during congestion.
5	SH1 / Selwyn to Fourth Ave	• Central Ave physical works completed • New traffic signal at Selwyn intersection was successfully commissioned • Wilson to Forth Ave construction to be started in October 2014.	• Provide a four-laning continuity on SH1 between the two intersections providing a consistent road layout. • A smooth travel ride with no unnecessary lane drop will enhance the customer experience and improve journey times during congestion.
6	SH1 Tarewa Road Intersection Improvements	• Professional services contract for Tarewa design got tendered out • Award of professional services contract is planned mid July 2014 • Construction to be started in FY 15/16	• A smooth travel ride with no unnecessary lane drop will enhance the customer experience and improve journey times during congestion.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Best Regards,
Duminda

Find the latest transport news, information, and advice on our website:
www.nzta.govt.nz

This email is only intended to be read by the named recipient. It may contain information which is confidential, proprietary or the subject of legal privilege. If you are not the intended recipient you

[redacted]

From: Ernst Zollner
Sent: Wednesday, 23 July 2014 1:17 p.m.
To: Mike Sabin
Subject: RE: Media Statement: Matakohe bridges a priority for Northland - Sabin

Hi again Mike

Here is the official timetable from Chris Powel at NRC

ITEM: 5.1
Attachment 1

Project Plan for Regional Land Transport Plan 2015/2018

Phase	Timelines
Regional Transport Committee agrees to regional priorities for RLTP 2015/2018 period	April 2014
NZ Transport Agency and Approved Authorities discuss early investment signals	February 2014 - June 2014
Ministry of Transport release draft Government Policy Statement for engagement	April 2014
Ministry of Transport release the Government Policy Statement	June 2014
NZ Transport Agency releases approved One Network Road Classification system	June 2014
NZ Transport Agency releases approved Financial Assistance Rates for 3 year NLTP	July 2014
NZ Transport Agency releases indicative activity class investment levels	July 2014
Northland Regional Council advises public that the RLTP 2015/2018 process has commenced	July 2014
Approved Authorities and Highway Network Organisation (NZTA) submit projects for regional prioritisation	July 2014 – October 2014
NORTEG makes recommendations on the prioritisation of relevant projects	October 2014
Regional Transport Committee reviews and approves prioritised projects to meet agreed regional priorities.	November 2014
Northland Regional Council compiles Draft RLTP 2015/2018 for public submission	November 2014 – December 2014
Regional Transport Committee approves Draft RLTP 2015/2018 for release for public submission	December 2014
Draft RLTP 2015/2018 released for public submission	December 2014
Public submission period	January 2014
Hearings on submissions	February 2014
Northland Regional Council compiles Draft RLTP 2015/2018	March 2015
Regional Transport Committee approves release of RLTP to NRC for approval	April 2015
Northland Regional Council approves release of RLTP to NZTA	April 2015
Approved Authorities and NZ Transport Agency to download the RLTP 2015/2018 into Transport Investment Online (TIO)	22 – 29 April 2015
Cut off for Approved Authorities and NZ Transport Agency to download the RLTP 2015/2018 into Transport Investment Online (TIO)	30 Apr 2015
NZ Transport Agency and Transport Minister release National Land Transport Programme 2015/2018	31 Jul 2015

Acronyms

RLTP – Regional Land Transport Plan 2015/2018
NLTP – National Land Transport Programme 2015/2018
NZTA – NZ Transport Agency
A/O – Approved Organisation

RTC Meetings

12 February 2014;
2 April 2014;
4 June 2014
6 August 2014
1 October 2014
3 December 2014

From: Ernst Zollner

From: Ernst Zollner

-----Original Message-----
From: Mike Sabin [mailto:Mike.Sabin@parliament.govt.nz]
Sent: Tuesday, 22 July 2014 8:12 a.m.
To: Ernst Zollner
Subject: RE: Media Statement: Matakohe bridges a priority for Northland - Sabin

Thanks very much for taking time to attend Ernst. I have found your input invaluable and very appreciate it.

As mentioned a big part of this process has been to build a public recognition and pressure on local government to ensure this project gets put on the Regional Transport Plan.

I'd appreciate it if you can let me know the timeline form here around this process and any other suggestions/recommendations you may have to help progress this.

Thanks again,

Kind regards,

Mike Sabin

Authorised by Mike Sabin 116A Kerikeri Rd, Kerikeri

-----Original Message-----
From: Ernst Zollner [mailto:Ernst.Zollner@nzta.govt.nz]
Sent: Tuesday, 22 July 2014 7:35 a.m.
To: Mike Sabin
Subject: Re: Media Statement: Matakohe bridges a priority for Northland - Sabin

Thanks again Mike, I think the community found it a very helpful meeting in finding out where things stand.

My official title is 'Director Auckland and Northland' but I like the one below!

Sent from my iPad

On 22/07/2014, at 1:36 AM, "Mike Sabin" <Mike.Sabin@parliament.govt.nz> wrote:

> Mike Sabin
> National MP for Northland
>
> Media Statement
>
> 21 July 2014
>
> Matakohe bridges a priority for Northland - Sabin Mike Sabin MP for
> Northland made it clear that the Matakohe bridges realignment deserves to be one of Northland's roading priorities for the 2015-18 Land Transport Plan for the region at a public meeting this evening attended by more than 180 residents of the Matakohe community.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

> “There bridges are a death trap, unfit for purpose and I believe that the information I have accumulated after 2 years of investigation substantiate the need for this project to be one of the priorities advanced by the Northland Roading Committee to the New Zealand Transport Agency (NZTA) for the next round of work programming,” says Mr Sabin.
> During the public meeting at the Matakohe War Memorial Hall this evening organised by Mr Sabin he updated the local residents on why he believes the bridge realignment hasn’t occurred and the process he has undertaken to build a case for the realignment. This has involved looking at the economic importance of the bridges to the Kaipara and investigating injuries and deaths that have occurred on or near the bridges since they were constructed in the 1930.
> “What is clear is that the locals are right to be concerned about these bridges; they are not only a vital economic route for the highest performing primary goods producer of Northland’s economy, they are a death trap,” says Mr Sabin.
> “My inquires have established that at least 10 people have been killed in crashes at, or leading up to these bridges and many more have been seriously injured.
> “I have reviewed screeds of economic data, searched archives and records, interviewed locals and undertaken Official Information Act requests, which have most concerningly, uncovered a horrific legacy of death and carnage dating back to the 1950’s. This has shed an entirely different light on the need to re-align these bridges and prevent further victims, of what amounts to poor road engineering, that has long ago shown it is not fit for purpose” says Mr Sabin.
> “The analysis of the fatalities and serious injury crashes shows that more than three quarters of the crashes are as a result of the road engineering itself – something that hasn’t changed since the road and bridges were built over 80 years ago when carts and horses were using it.
> “The carnage I have been able to confirm on these bridges amounts to a social cost of what would be more than $70 million, let alone the devastating affects to the lives of those impacted.
> Mr Sabin explained that he had presented his findngs and case for re-alignment to the Northland Road Transport Committee (RTC) who are responsible for determining priorities for roading projects of this nature and am also working closely with NZTA on the best way forward.
> “For this project to proceed the four councils on the RTC need to agree to make this a priority project and put it in the Northland Regional Transport Plan for the 2015 – 18 period, which is being finalised later this year,” says Mr Sabin.
> “It is quite simple; if the RTC don’t put this project in the Transport Plan it wont happen, and given 10 people have already lost their lives as a result of this piece of road I sincerely hope that it is included in the plan.
> “Once it is submitted to the NZTA as part of Northland’s Regional Transport Plan I believe a new funding category introduced in the new Government Policy Statement, called the Regional Improvements Activity Class could well provide the solution to getting this project signed off,” says Mr Sabin.
> Ernst Zollner, NZTA Auckland, Northland Roading Manager and Jacqui Hori-Hoult, Northland Regional State Highway Manager for NZTA also attended the meeting an explained the process through which capital projects such as this are evaluated, approved and funded.
> Mr Zollner reiterated the requirement for projects to be assed under the national NZTA criteria for approval they first have to be prioritised and included in the Regional Transport Plan. He also concurred with Mr Sabin that the new Regional Improvements Activity Class created funding opportunities for rural projects which have “high personal risk” factors and therefore warrant doing.
> “I am really pleased that the RTC are now looking at this project and considering it for the 2015 – 18 plan and I am keen to keep working with them and NZTA to ensure the Matakohe realignment gets sign-off.
> “The recent storms which have seen major closures and detours around our Northland roads has essentially seen SH12 become SH1, which is something I am sure wont be lost on the Far North and Whangarei District Councils with heavy vehicles from these districts having to use SH12 as the main thoroughfare through to Auckland.
> Ironically, the Matakohe bridges reminded all at the meeting of their dangers when on the very day of the meeting there was a head-on between a truck and motor vehicle requiring closure of the road while a person was cut from the car and airlifted to hospital.
> “No-one else should die or be seriously injured awaiting the realignment of these bridges. The information is all there now and the case for this project is overwhelming and compelling in my view and I sincerely hope the people of Matakohe and the wider Kaipara are supported by the RTC to put this job forward on the next Regional Transport Plan,” says Mr Sabin.
> ENDS
> Caption: From left - Advocate for the Matakohe Bridge realignment Suzy Klement , Ernst Zollner and Jacqui Hori-Hoult (Right) with Mike Sabin, MP for Northland at the meeting with locals at the Matakohe War Memorial Hall.
> MEDIA CONTACT: Mike Sabin 0277052707
>
> [Nat_hor_CMYK.jpg]
> Authorised by Mike Sabin 116A Kerikeri Road, Kerikeri
>
>
>
> _____
>
> <image002.jpg>
> <P1060849.JPG>

Find the latest transport news, information, and advice on our website:
www.nzta.govt.nz

##
This email is only intended to be read by the named recipient. It may contain information which is confidential, proprietary or the subject of legal privilege. If you are not the intended recipient you must delete this email and may not use any information contained in it.
Legal privilege is not waived because you have read this email.
##

_____

RELEASED UNDER THE OFFICIAL INFORMATION ACT

NZ TRANSPORT AGENCY
WAKA KOTAHI

MINISTERIAL BRIEFING NOTE

Subject	Repairs to storm-damaged roads in Northland
Date	4 November 2014
OCU number	BRI-0449
Priority	High

Contact for telephone discussion (if required)

Name	Position	Direct line	Cell phone
Ernst Zöllner	Regional Director Auckland and Northland	(09) 969 9553	021 241 5308

Action taken by Office of Minister of Transport

- ☐ **Noted**
- ☐ **Approved**
- ☐ **Seen by Minister**
- ☐ **Referred to**
- ☐ **Needs change**
- ☐ **Withdrawn**
- ☐ **Overtaken by events**

RELEASED UNDER THE OFFICIAL INFORMATION ACT

MINISTERIAL BRIEFING NOTE BRI-0449

4 November 2014

Minister of Transport

Repairs to storm damaged roads in Northland

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Purpose

1. You have requested information on the repair of roads following the storms in Northland earlier this year. This follows approaches from the *Northern Advocate* to Mike Sabin, Member of Parliament for Northland, about the rate of the Government's contribution to the road repairs.

2. There is also concern in Northland about the quality of the repairs undertaken to date.

Government's contribution to the road repairs

3. The funding rates for emergency works to repair local roads are greater than the standard funding assistance rates. This funding is provided to local authorities through the National Land Transport Fund.

4. Emergency works funding as shown below has recently been approved by the NZ Transport Agency for Northland local authorities for repairs to local roads.

Local authority	Government share for 2014/15	Total investment (government share plus local authority) for 2014/15	Funding assistance rate
Far North District Council) initial response)	$1,165,000	$1,574,000	74 percent
Far North District Council (final construction)	$3,668,000	$4,957,000	74 percent
Kaipara District Council	$1,291,000	$1,768,000	73 percent
Whangarei District Council	$1,475,000	$2,732,000	54 percent

5. Emergency works financial assistance rates vary and depend on the extent of damage. The higher the cost of repairs, the higher the emergency works funding assistance rate.

6. At the time of the storms we provided the previous Minister of Transport's office with a range of potential funding assistance rate scenarios which could be applied to repair damage to local roads. These rates ranged from 58 percent to 83 percent, depending on the cost of repairs. We confirmed that the top rate could be as high as 90 percent but that this would require a very considerable repair cost. We advised caution in commenting on what the specific funding assistance rate would be in relation to the storms while the extent of the damage to the local network was unclear. The previous Minister of Transport indicated in a media statement that the funding assistance rate could be as high as 90 percent.

7. Over the past five years (2009/10 to 2013/14) the Government has provided $23 million of emergency works funding to repair local roads in Northland. This does not include the funding shown in the table above which has been provided in the current financial year.

8. Over the same period, the Government has provided $14 million of emergency works funding to repair state highways in Northland. Since July 2014, it has provided $7.013 million for the same purpose. All emergency works funding for state highways is provided through the National Land Transport Fund.

9. In the past five years the total investment in Northland's local road and state highway network through the National Land Transport Fund has been $480 million.

Scope and quality of the repairs to date

10. All work has been completed to repair damage sustained on State Highway 1 (Brynderwyns) and at State Highway 12 at Kaihu. The detour road around the State Highway 1 Maromaku slip has been completed. The permanent repair to State Highway 1 is expected to be completed by 30 June 2015.

11. Temporary repairs were made to pot holes during and immediately after the storms. The repairs were temporary due to the poor weather. All works are programmed to be completed in the current construction season which runs from 1 October 2014 to 31 March 2015.

12. All local road priority one sites identified by local authorities have had funding approved. Works are in various stages of design, investigation and programming. These will be completed by June 2015. Priority two sites are programmed to be completed in the next construction season which runs from 1 October 2015 to 31 March 2016.

13. The Far North District Council initially estimated the cost to repair storm-damaged roads in the Far North could be up to $40 million. This was a very early estimate made before other options were considered. The Council and the Transport Agency are now working on lower-cost alternative options where appropriate. These lower-cost options will not affect the quality of the road once the repairs are completed.

14. The Council is currently preparing an application for a further $1.2 million funding and is expected to request another $1.5 million in the near future.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Recommendation

15. It is recommended that you note the content of this briefing.

.....

Ernst Zöllner

Regional Director Auckland and Northland
DDI: (09) 969 9553 / Mobile: 021 241 5308

.....

Hon Simon Bridges, Minister of Transport

Noted/Approved/Declined

...... /...../.....

Date

RELEASED UNDER THE OFFICIAL INFORMATION ACT

[redacted]

From: Ernst Zollner
Sent: Wednesday, 19 November 2014 10:11 a.m.
To: Mike Sabin
Subject: RE: Northland roading 'pinch' points

Hi Mike

As promised, please find attached a memo to me that tries to describe where we are at in relation to the sites you mention below. I'm not sure this fully answers it all; would be good to discuss it further between us and I will also keep chasing internally.

Kind regards, Ernst

From: Mike Sabin [mailto:Mike.Sabin@parliament.govt.nz]
Sent: Thursday, 30 October 2014 11:49 a.m.
To: Ernst Zollner
Cc: Kathy Ker; Northland Electorate
Subject: Northland roading 'pinch' points

Ernst,

Following our tour of the north recently, please find below an attached the main 'pinch' points in Northland with regard to roading. Below are the links to Google Maps to zoom in on each location. The corresponding map for each spot is attached as a J-PEG.

I have also attached larger maps which have the corresponding numbers for each location so you can get a sense of it from a more Northland-wide perspective.

It would be good to discuss this with you when you are available.

1. SH10 Awanui (between Awanui and Kareponia Hill)
https://www.google.co.nz/maps/place/Awanui/@-35.0496682,173.2688169,2844m/data=!3m1!1e3!4m2!3m1!1s0x6d090aade7d768cf:0x500ef6143a2b4a0The The

The road floods over with very heavy rain as the Awanui River banks overflow and the low-lying farm land flood.

2. SH10 Kaeo (Just north of Kaeo bridge)
https://www.google.co.nz/maps/place/Kaeo/@-35.0874804,173.7340229,2843m/data=!3m1!1e3!4m2!3m1!1s0x6d0bcd5fd5a32d09:0x500ef6143a2d040
The approaches to the north west of the Kaeo river flood over, in particular during high tide. The road is very low along these stretches (see attached Map)

3. SH10 intersection with Waipapa Rd
https://www.google.co.nz/maps/place/Waipapa/@-35.2068997,173.9169548,355m/data=!3m1!1e3!4m2!3m1!1s0x6d0bc911736c8113:0x500ef6143a2b990
This intersection is getting more and more congested and dangerous due to the higher use of Waipapa Rd since the bi-pass was put in and the increased number of large stores at Waipapa. A roundabout is needed.

4. SH1 Moerewa (bottom of turntable hill)
https://www.google.co.nz/maps/place/Moerewa/@-35.3898825,174.0058396,354m/data=!3m1!1e3!4m2!3m1!1s0x6d0b956f8bdf7b07:0x500ef6143a2e520
The bridge at the bottom of turntable hill floods over cutting off all traffic to the Far North.

5. SH1 Kawakawa (triple bridges)
https://www.google.co.nz/maps/place/Kawakawa/@-35.3776929,174.0604827,1416m/data=!3m1!1e3!4m2!3m1!1s0x6d0bbcdaea2a253b:0x500ef6143a2d420
The low points between the bridges flood over

6. Haruru Falls Rd (back road to and from Waitangi)
https://www.google.co.nz/maps/place/Haruru+Falls+Rd,+Haruru+0204/@-35.2695837,174.0601969,2836m/data=!3m1!1e3!4m2!3m1!1s0x6d0bba5f045246c9:0x19c2f077af01ce85
This is a metal road and given the significance of Waitangi and the use of this road by dignitaries on Waitangi day it should be sealed. It is a very poor road and is one of the main ways to get to a place of significant national importance. (it is a council road)

7. SH11 Kawakawa to Paihia
https://www.google.co.nz/maps/place/State+Highway+11,+Northland/@-35.3454802,174.0906925,11335m/data=!3m1!1e3!4m2!3m1!1s0x6d0bbca8f4803b9d:0x25510f83ed5c679b
This is the main route to the Bay of Islands and the road is in very poor condition and is very winding road that floods in two spots cutting of this access way to the BOI. This road is a constant point of frustration for local tourism operators.

8. SH11 Kawakawa river and Tirohanga Stream
https://www.google.co.nz/maps/place/State+Highway+11,+Northland/@-35.3670544,174.0873794,2833m/data=!3m1!1e3!4m2!3m1!1s0x6d0bbca8f4803b9d:0x25510f83ed5c679b
Floods over quite easily across a short stretch of road where the flood waters from 3 rivers meet.

9. SH1 Brynderwyn Hill

RELEASED UNDER THE OFFICIAL INFORMATION ACT

https://www.google.co.nz/maps/place/Brynderwyn/@-36.0653742,174.4179872,5616m/data=!3m1!1e3!4m2!3m1!1s0x6d0c929a69eee7ab:0x500ef6143a2beb0
Ongoing slip issues

10. SH12 Matakohe Bridges
https://www.google.co.nz/maps/place/Matakohe/@-36.1226901,174.1920347,702m/data=!3m1!1e3!4m2!3m1!1s0x6d0c5df4d3e8dae3:0x500ef6143a2c000
As per our conversations – my number one priority in Northland. Realignment required.

11. SH1 Wakapara
https://www.google.co.nz/maps/place/Whakapara/@-35.5451765,174.2627646,2827m/data=!3m1!1e3!4m2!3m1!1s0x6d0b9e03ddda8861:0x500ef6143a2bde0
Road floods over and cuts of access to Whangarei/Far North

12. Rangiahua Bridge, Horeke
https://www.google.co.nz/maps/place/Rangiahua+Rd,+Horeke+0475/@-35.3103,173.639869,2835m/data=!3m1!1e3!4m2!3m1!1s0x6d0bded80bf6d467:0x17b37bac464f5923

Bridge floods over cutting access to Far North

13. SH12 Taheke (bridge over Taheke river)
https://www.google.co.nz/maps/place/Taheke/@-35.4627037,173.646259,707m/data=!3m1!1e3!4m2!3m1!1s0x6d0be11f77cebaeb:0x500ef6143a2b770
Bridge floods over cutting access to SH12 alternative route south or alternative route (via Ferry) from Kohukohu back to Kaikohe if Rangiahua is flooded

14. Maungakahia Rd
https://www.google.co.nz/maps/place/Mangakahia+Rd,+Northland/@-35.597067,173.9299773,45197m/data=!3m1!1e3!4m2!3m1!1s0x6d0b92101d618bf5:0xc767c1f27f7e7841
Many believe this should be designated a State Highway.

Kind regards,

Mike Sabin

Authorised by Mike Sabin 116A Kerikeri Rd, Kerikeri

RELEASED UNDER THE OFFICIAL INFORMATION ACT

NZ TRANSPORT AGENCY
WAKA KOTAHI

MEMO

To Ernst Zollner

Cc

From Jacqui Hori-Hoult

Date 13 November 2014

Subject Northland Roading Pinchpoints

In response to Mike Sabin's email dated 30 October 2014, please find below a table outlining the status for each length of State highway.

Location	Status
SH10 Awanui (Between Awanui and Kareponia Hill) The road floods over with very heavy rain as the Awanui River banks overflow and the low lying farm land flood	We have developed engineering solutions which are now being considered as part of our national response to regional resilience issues. Decisions on if and when work will be undertaken at this site should be known before July 2015.
SH10 Kaeo (just north of Kaeo Bridge. The approaches to the north west of the Kaeo river flood over, in particular during high tide. The road is very low along these stretches	
SH10 Intersection Waipapa Road	We have included funding investigate solutions for this corridor in the draft 2015-18 programme.
SH1 Moerewa (bottom of turntable hill) The bridge the bottom of turntable hill floods over cutting off all traffic to the Far North	NZ Transport Agency is workring work with NRC on finding a fully integrated flooding solution for both catchments.. NRC has started to develop some options for flood risk reduction for Otiria/Moerewa area. Basically diverting overland flood flow from the Otiria into the Waiharakeke, using a high level spillway. The main benefit is to Otiria/Moerewa however the reduced flow in the Otiria Stream will help to reduce the peak flows and overtopping at the SH-1 Turntable Hill Bridge. Our initial modelling does not show significant reduction in flood flow at SH-1, however we will look to make another model run with increased diversion of high level flows.
SH1 Kawakawa – The low points between the bridges flood over	Part of the above
Haruru Falls Road (Back road to Waitangi) – Not a SH but given the significance of Waitangi this should be sealed	This road will need to be reviewed under the ONRC by FNDC
SH11 Kawakawa to Paihia including SH11 Kawakawa river and Tirohanga Stream	Experience a number of overslips and flooding at Taumarere which is part of the rivers from Otiria/ Moerewa linkage.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

SH1 Brynderwyn Hill – on-going slips	NZ Transport Agency strategic approach is to review the Whangarei to Brynderwyns as corridor as opposed to individual projects
SH12 Matekohe Bridges	Nominated project for consideration by the RTC
SH1 Whakapara	Part of our resilience project and as a Regional Strategic road in the ONRC
SH12 Rangiahua Bridge, Horeke	Part of our resilience project although NZ Transport should work with NRC to ascertain the river catchment.
SH12 Taheke	Same as above
Mangakahia Road	This was reviewed by Transit but there was not enough information re the route and forestry production. Transit allowed for this section to be reviewed in the future. Current 2014 strategy that the route must meet 2 criteria - 1) Strategic importance and 2) Satisfying through movement. 1) Can be demonstrated although 2) not so as the alternative is SH12 and SH1 to service the region. NZ Transport is committed to reporting this to the Auckland /Northland Regional Management Team (Early December)

Attached is an extract of Slip and Flood Risk Locations identified in our Resilience Study and presented in a Map.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

NZ TRANSPORT AGENCY
WAKA KOTAHI

MINISTERIAL BRIEFING NOTE

Subject	Background Information for Northland Visit
Date	05 December 2014
OCU number	BRI- 0470
Priority	Routine

Contact for telephone discussion (if required)

Name	Position	Direct line	Cell phone
Ernst Zollner	Regional Director Auckland and Northland	(09) 969 9553	021 241 5308

Action taken by Office of Minister of Transport

- ☐ Noted
- ☐ Approved
- ☐ Seen by Minister
- ☐ Referred to
- ☐ Needs change
- ☐ Withdrawn
- ☐ Overtaken by events

RELEASED UNDER THE OFFICIAL INFORMATION ACT

NZ TRANSPORT AGENCY
WAKA KOTAHI

MINISTERIAL BRIEFING NOTE BRI-0470

05 December 2014

Minister of Transport

Background Information for Northland Visit

Purpose

1 You are scheduled to visit Northland on Friday 19 December 2014. The visit will be hosted by the region's local government leaders, who greatly appreciate the opportunity to share with you their key issues and challenges, which range from broad or generalised concerns to highly site specific issues.

2 The attached overview provides you with information on the Northland transport network and the key issues for local leaders. The overview covers:

- Uncertain and limited rail, sea and air links
- Limited travel choices, with only Whangarei offering a urban bus service
- An extensive (and relatively expensive) road network which is in generally good condition, but with weak points
- Steady decline in travel demand across both the state highway and local networks
- State highways move most of the region's traffic but having substantially lighter traffic per km than other regional networks in the Upper North Island
- Highly concentrated regional traffic volumes
- High reliance on trucking to service the steadily growing freight task
- Important tourist routes which can be further developed
- Significant and growing resilience challenges
- A reasonable road safety performance, with areas of high risk.

3 We will provide you with a more detailed note on the planned itinerary and some of the projects and sites that will visited.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Recommendation

4 It is recommended that you note the overview and, if required, direct us on which topics or issues you require additional or more detailed information before you visit the region.

Ernst Zöllner

Regional Director Auckland and Northland

DDI. (09) 969 9553 /Mobile 021 241 5308

Hon Simon Bridges, Minister of Transport

Noted/Approved/Declined

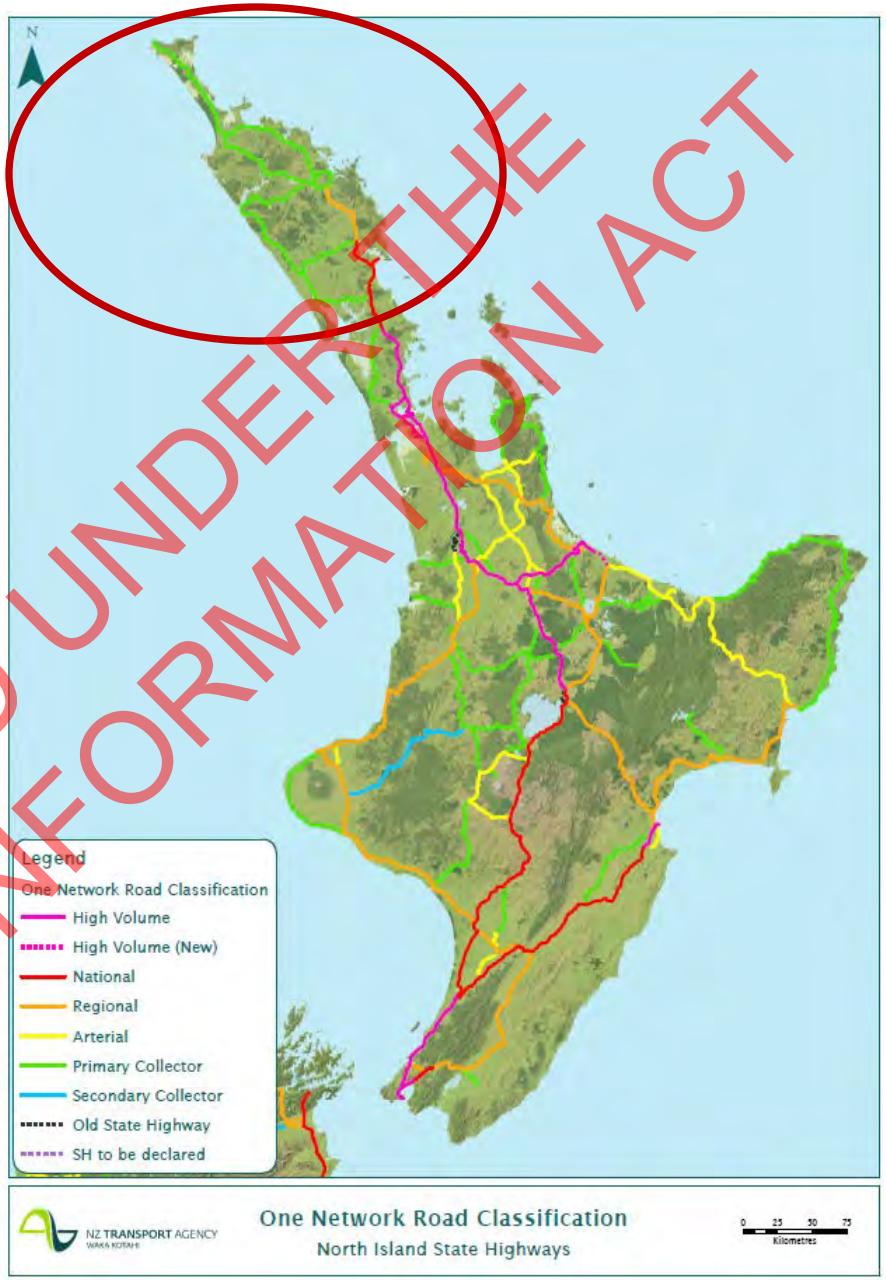
8/12/14

Date

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Northland

An overview of its transport network and the key issues for local leaders



RELEASED UNDER THE OFFICIAL INFORMATION ACT

Key points on Northland's transport system

An isolated region that's heavily dependent on its roading network, with…

1. Uncertain and limited rail, sea and air links
2. Limited travel choices, with only Whangarei offering an urban bus service
3. An extensive (and relatively expensive) road network which is in generally good condition but with weak points
4. Steady decline in travel demand across the state highway and local networks
5. State highways move most of the region's traffic but having substantially lighter traffic per km than other regional networks in the Upper North Island
6. Highly concentrated regional traffic volumes
7. High reliance on trucking to service the steadily growing freight demand
8. Important tourist routes which can be developed further
9. Significant and growing resilience challenges
10. Reasonable road safety performance with areas of high risk

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Introduction to Northland

- an isolated region that's heavily dependent on its roading network

- Northland is approximately 300km long from Kaiwaka to Cape Reinga. The Auckland isthmus effectively separates the Northland region from the rest of New Zealand. As a result, Auckland is a key lifeline for Northland.
- Northland's population is around 160,000 of which just over one-third live in Whangarei. The low population and geographically dispersed settlement pattern mean there is a high dependency on private vehicles for inter and intra regional trips.
- There is relatively high population growth in the south, largely as a result of Auckland's growth. The north is relatively remote and sparsely settled. The east coast is characterised by high recreational use and coastal subdivision, with growth in coastal development in areas such as Mangawhai, Marsden Point/Ruakaka, Paihia, Kerikeri and the Doubtless Bay area. This has an impact on traffic congestion at weekends and holiday periods. The west coast has few settlements and some areas of decreasing population.
- Northland has several economically deprived rural communities, particularly in the Far North, with some of the lowest average income levels in New Zealand. Its rural and tourism based economy comprises pastoral farming, forestry and fishing. These industries rely on good transport (particularly roading) connections for access to Auckland, the rest of New Zealand and international markets (such as Northport). The transport system needs to be responsive to changing patterns in these areas, for example, the growth in farm dairy conversions and fluctuations in the forestry harvesting cycle.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

The transport system

1. Uncertain and limited rail, sea and air links

- Northland has a limited-service rail link to Auckland which terminates at Otiria and Dargaville. *The future of the region's rail links are currently under review.*
- Northport at Marsden Point has grown steadily in recent years but without a rail connection, or container handling capability, its growth is limited to logging and other primary produce, and refining activities.
- The three airports – Kaitaia, Kerikeri and Whangarei – have flights to Auckland. Whangarei also has flights to Wellington. *Services from Kaitaia to Auckland and from Whangarei to Wellington are being suspended from April 2015. Kerikeri and Whangarei airports require substantial redevelopment or relocation.*

RELEASED UNDER THE OFFICIAL INFORMATION ACT

2. Limited travel choices, with only Whangarei offering an urban bus service

- Contracted bus services only operate in urban Whangarei. A total mobility scheme operates in Whangarei for people with disabilities.
- The region also has a developing section of the New Zealand Cycle Trail in the Far North, which will eventually connect the east and west coastlines.

Patronage on the Whangarei City Link service.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

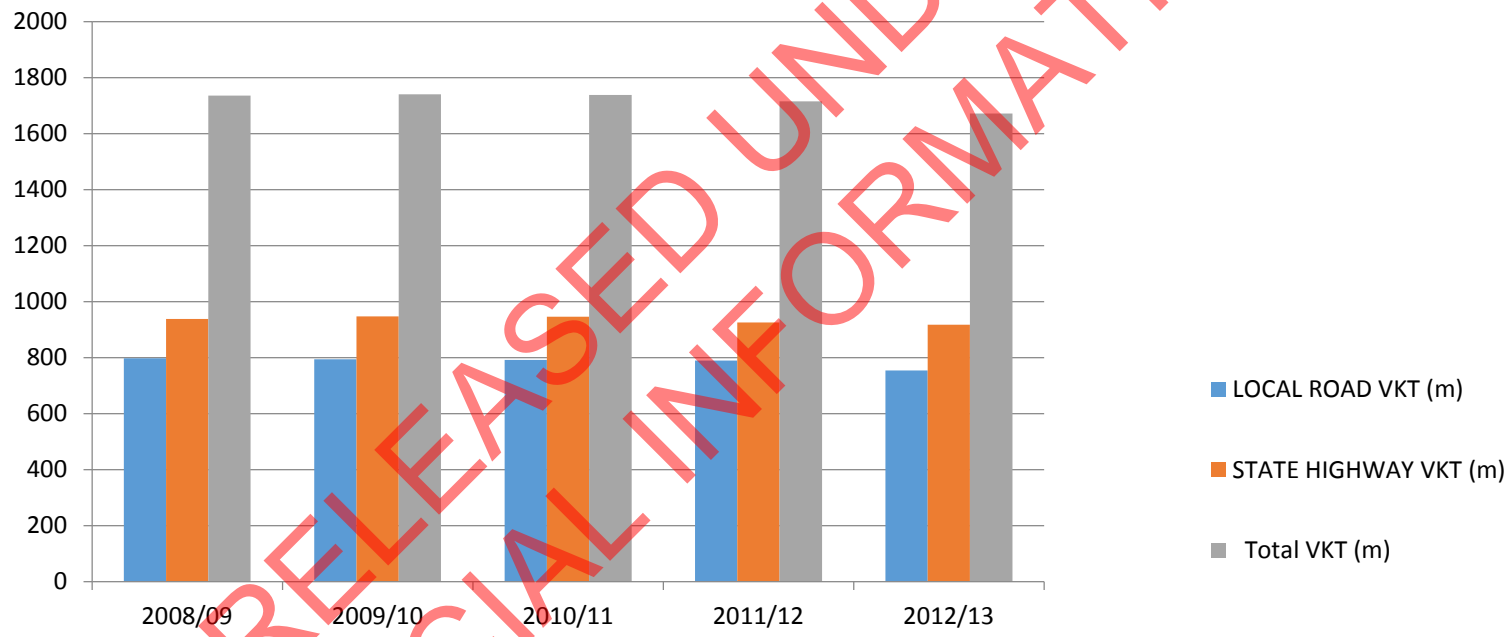
3. An extensive (and relatively expensive) road network which is in generally good condition but with weak points

- The region has approximately 6,626km of roads including 749km of state highways. Its main artery, State Highway 1, is around 340km long. The state highway network is fully sealed. 40% of the 5,877km of local roads is sealed. *The region has a high ratio of road length per head of population (42.7m/person compared to 22.3m/person nationally.*
- Given the geological and climatic challenges it is an expensive network to maintain, renew and operate.
  - *The state highway network is currently one of the highest-funded networks per lane km outside the three metropolitan areas. The draft 2012-15 regional programme proposes a 20% increase in maintenance, renewals and operations expenditure.*
  - *Maintenance, renewals and operations expenditure on the three local roading networks is at or above the national average for similar networks.*
- The state highway network's general pavement and surface condition is better than the New Zealand average, although *there are specific sections which require remedial work.*
- Taken together, the condition and performance of Northland's local roads is 'stable' and on par with the national average for local roads. *However, there is considerable variation across the networks and may be a growing risk of deferred maintenance.*
- Taken together, the network has one of the best safety 'star' ratings outside the three metropolitan areas *although there are identified sections and intersections where improvements are being planned.*

RELEASED UNDER THE OFFICIAL INFORMATION ACT

4. Steady decline in travel demand across the state highway and local networks

- Overall the demand for travel by road has declined in recent years, with annual total kilometres travelled declining for state highways and local roads. *This is in contrast to national trends for state highways and local roads. However, freight volumes are projected to steadily increase to 2042.*



RELEASED UNDER THE OFFICIAL INFORMATION ACT

5. State highways move most of the region's traffic but have substantially lighter traffic per km than other regional networks in the Upper North Island

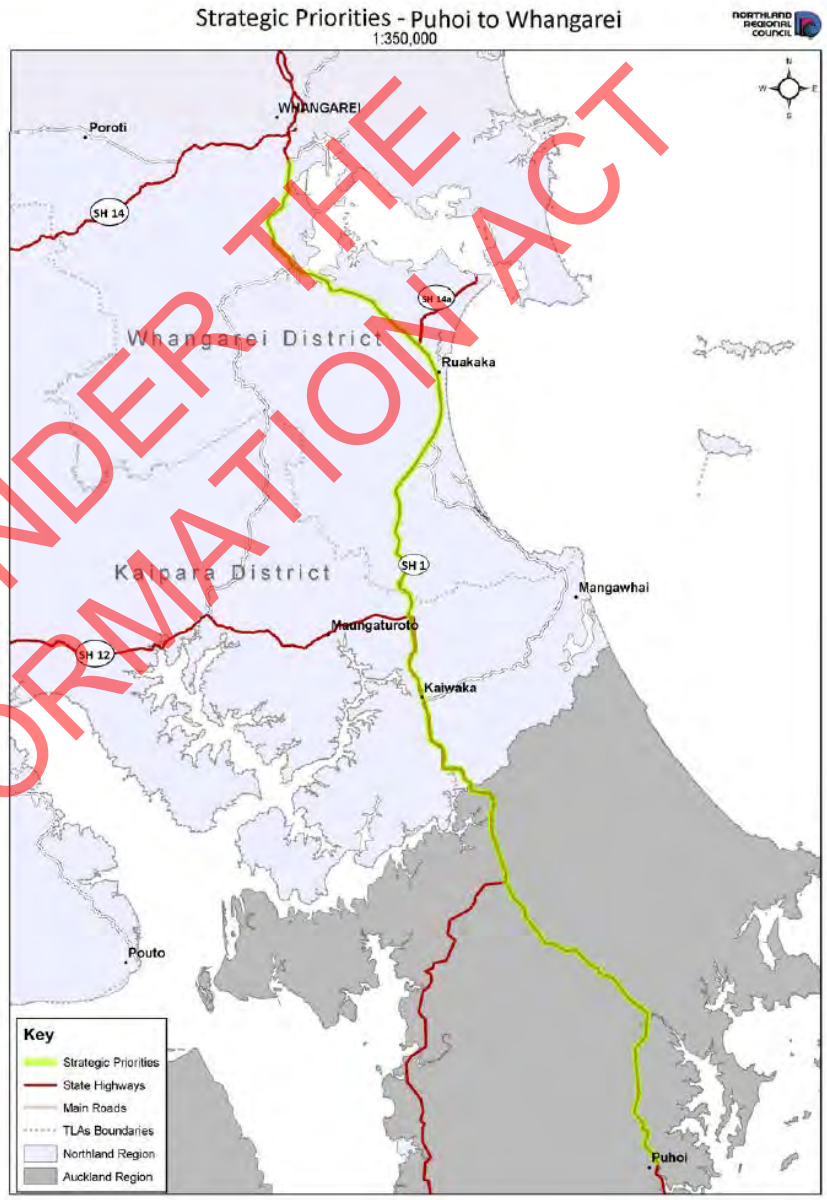
- Despite Northland's state highways comprising 11.3% of the total state highway length, 55% of the region's annual travel by road is on state highways. However, the state highway networks in the Waikato and Bay of Plenty regions carry even higher shares of their respective annual travel.
- As a whole, the Northland state highway network carries substantially less traffic per km than the networks in Waikato and the Bay of Plenty.

	Population (2013)	Total road length (km)	SH road length (km)	Population/ SH road length (km)	SH % of regional network length	Total VKT (million)	SH VKT (million)	SH % of regional VKT	Total VKT (million)/km	SH VKT (million)/ SH km
Northland Region	158,700	6610	750	212	11.3	1672	918	55	0.25	1.22
Waikato	418,500	11,237	1727	242	15.3	5364	3270	61	0.48	1.89
Bay of Plenty	278,000	4,596	748	372	16.1	2713	1556	57	0.59	2.08
NZ	4,464,000	94,160	10,916	409	11.6	41896	21845	52	0.44	2.00

RELEASED UNDER THE OFFICIAL INFORMATION ACT

6. Highly concentrated regional traffic volumes

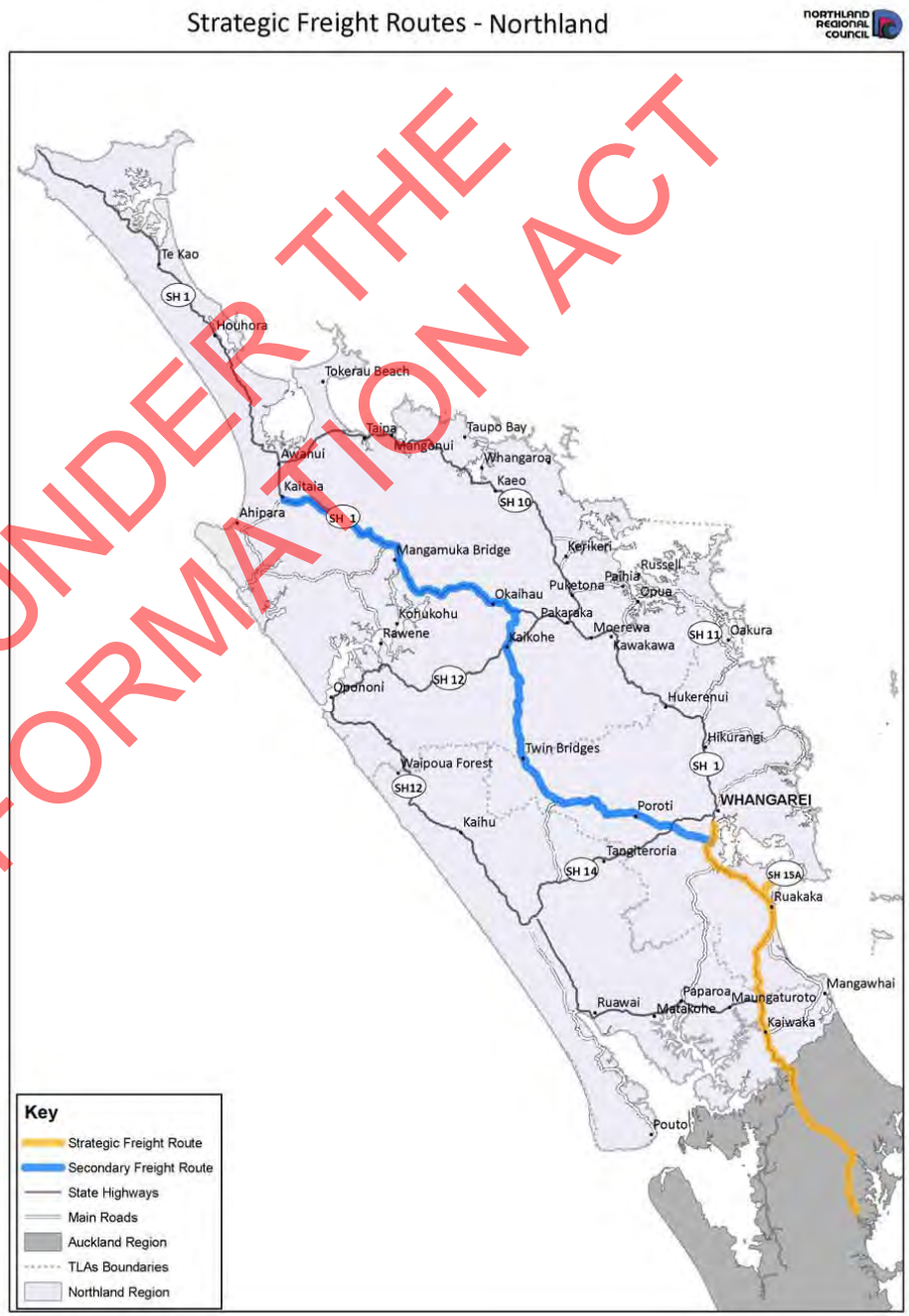
- Traffic is concentrated on the national strategic route from Auckland to Whangarei (10,000 average daily counts in Wellsford on State Highway 1 and 20,000 in Whangarei) with low volumes on the remainder of the network (1,200 north of Kaikohe and 2,500 in the west on State Highway 14). *Refer to issues below.*
- Congestion is mainly focused around Whangarei during the morning and afternoon peak periods. Whangarei is anticipated to grow in the next 30 years with development focused around the state highway network and access points such as the regional hospital on State Highway 14.
- There is also planned growth at the Marsden Point area. Residential and industrial growth will place the link between State Highway 1 and State Highway 15A under increased pressure. Other areas where traffic volumes are expected to grow include Waipapa and the north end of Kaitaia.



RELEASED UNDER THE OFFICIAL INFORMATION ACT

7. High reliance on trucking to service the steadily growing freight task

- With its high proportion of primary industries, Northland's network has to accommodate a relatively large number of freight vehicles. Forestry is projected to continue to grow although its fortunes can vary significantly from year to year. Primarily focused in the north and west of the region, most logs are transported to the rest of New Zealand or overseas via Northport, using State Highway 1.
- Over the last decade the Crown has invested around $88 million to develop an inland freight route between SH1 at Kaikohe and SH1 south of Whangarei, mainly to support the forestry sector. This route is used by an average of 200 trucks per day.
- *The route has the potential to take further heavy vehicles as an alternative to using State Highway 1 and other local roads, but local authorities argue that the route places a high cost burden on them (refer to local issues below).*



RELEASED UNDER THE OFFICIAL INFORMATION ACT

8. Important tourist routes which can be developed further

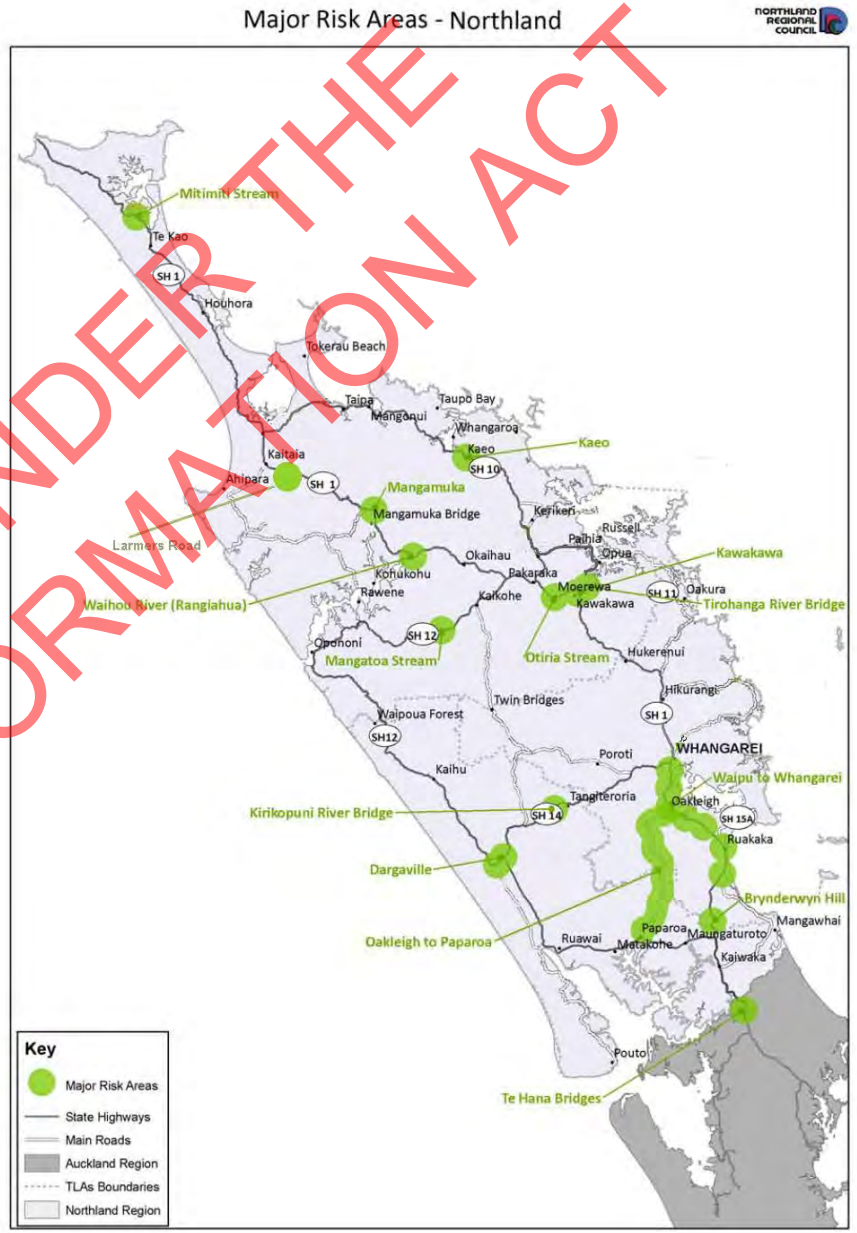
- Tourism is an important economic driver accounting for 3% of Northland's regional GDP and 6% of Northland's employment.
- Northland has a dedicated, sign-posted regional touring route (the Twin Coast Discovery Route) which covers 800km from Auckland around the two coastlines. The route supports the region's branding and encourages tourists to travel to more remote areas such as the Hokianga Harbour.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

NZ TRANSPORT AGENCY WAKA KOTAHI

9. Significant and growing resilience challenges

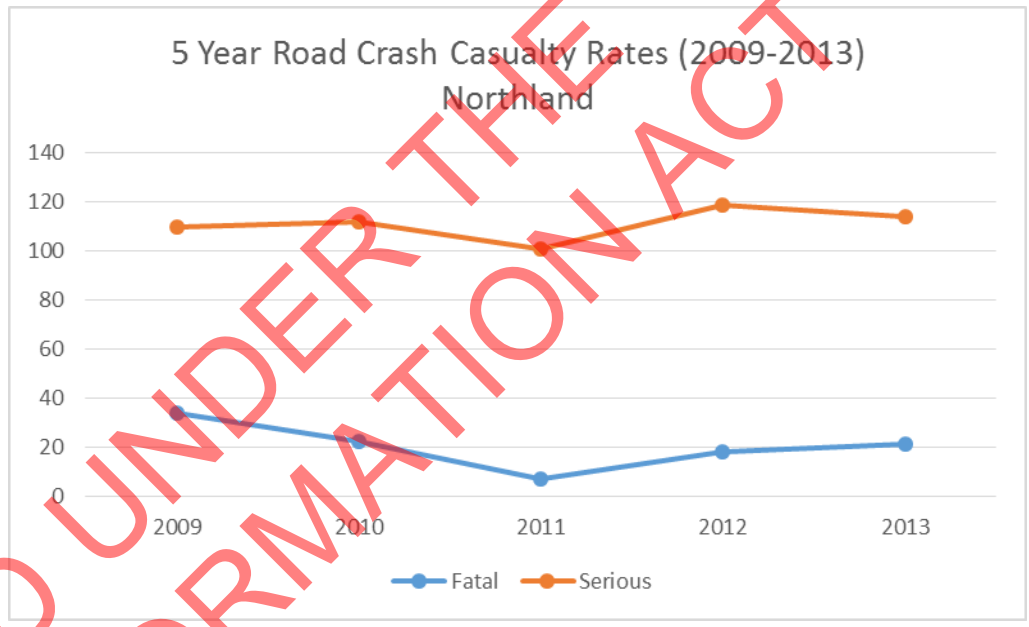
- The region has a difficult topography. It has steep-sided hill country with 15 major harbours and numerous estuaries, inlets and peninsulas. It also has a challenging geology including an abundance of 'Onerahi Chaos', a type of soggy clay. This clay can add considerable cost to road construction and maintenance compared to other regions.
- An increase in high-impact seasonal rainfall events tests resilience, safety and route security.
- In parts of the region there is a lack of viable alternative routes, which can result in long detours and significant additional travel times when major routes are compromised.
- *Despite these climatic and geological challenges, from a national perspective the network is assessed as reasonably resilient. However, there are identified sections for which increased preventative maintenance and/or improvements are planned. For some sites the solution is better catchment management (refer to issues below).*



RELEASED UNDER THE OFFICIAL INFORMATION ACT

10. Reasonable road safety performance with areas of high risk

- Northland has had some success in reducing fatal road accidents between 2009-2011 (a low of seven fatalities was recorded in 2011 against 34 in 2009). However, fatalities have shown an upward trajectory in 2012 and 2013.
- The top causes of road crashes in Northland are driver-led factors such as poor judgement, overtaking and handling.
- Poor road alignment contributes to road trauma. Key projects such as Akerama Curves realignment and Brynderwyns safety barrier installation will help improve the general safety of the network.



Highest risk corridors:
SH1: Wellsford to SH12
SH1: Brynderwyn to Whangarei
SH1: Ohaewai to Whangarei
SH11: Airfield to Lillypond
SH12: Dargaville –Tokatoka

Highest risk intersections:
Pakaraka (SH1/10)
Puketona (SH10/11)

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Public feedback on the network

Three key issues currently being raised by all Northland leaders

1. **The critical importance of better access to and from Auckland**. There is strong support for the Puhoi to Warkworth Road of National Significance and a subsequent long-term strategy and programme for Warkworth to Whangarei (not just to Wellsford) to address weak links such as Te Hana Bridge and the Brynderwyns.
   - *The Transport Agency is developing a programme business case for the long-term development of the Auckland to Whangarei national strategic route. A draft is due in June 2015.*

2. **The importance of the Inland Freight Route**. There is strong regional consensus around the need for the route to be further upgraded by the Crown (including the upgrade of the Loop and Portlands Road intersection with State Highway 1) and for the whole route to be declared a new State Highway '13'.
   - *The Loop to Smeastons Road intersection business case is being advanced with use of a Crown grant. The Transport Agency is considering the request for the rest of the Inland Freight Route to be declared a state highway.*

RELEASED UNDER THE OFFICIAL INFORMATION ACT

3. **The need to address the resilience challenges**. The July 2014 storms caused extensive damage to the region's roading network and highlighted the vulnerably of some communities' access to services, employment, ports and the rest of New Zealand. Extensive calls have been made for increased investment from the Transport Agency and the Crown to address known areas of risk.

   There are four aspects to the Transport Agency's response:

   - ***Restoration and rehabilitation*** *of the storm damage. Substantial progress has been made to date.*
   - ***Prevention:*** *A proposed new $3m-$18m preventative maintenance programme for 2015-18 to address known areas of risk. Six proposed new state highway improvement projects for 2012-15 to upgrade infrastructure such as bridges, walls and culverts.*
   - ***Mitigation:*** *Improved focus on readying parallel routes and services, and providing backup systems. Addressing catchment management issues where road works are unable to solve the issue or is not most cost effective solution.*
   - ***Preparedness:*** *This includes ensuring collective understanding and readiness across partner organisations.*

   > FURTHER INFORMATION ON THE PROPOSED 2012-15 PROGRAMME WILL BE PROVIDED WITH THE ITINERARY

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Some of the more specific issues being raised by regional leaders

Kaipara District	Whangarei District	Far North District
Support for addressing a substantial renewals backlog following an extensive rates revolt. *Good progress is being made.*	Completion of the extensive improvements being made to State Highway 1 through the urban area. *Good progress being made.*	Greater support for emergency works to address storm damage on the local roading network. *Most claims received to date have been accepted and progressed, but some differences persist around what are best value for money solutions.*
Addressing safety issues around specific points such as the Matakohe bridges on State Highway 12. *Project is included in draft 2015-18 RLTP.*	Corridor improvements to State Highway 14 in Whangarei linked to substantial growth at the regional hospital site. *Agreement to develop a long term corridor plan by mid 2015, and project included in draft 2015-18 RLTP.*	Despite its Funding Assistance Rate lifting from 58% to 64%, leaders argue that additional National Land Transport Fund and Crown funding is needed to improve quality of all roads including projects around Kerikeri and Pahia to address seasonal congestion issues. *The Draft 2015-18 includes a substantial package to address resilience and congestion concerns, but its possible that money of these projects will not be able to receive funding in 2015-18 due to national demand.*
Improving the resilience of the Paparoa-Oakleigh road, which is a diversion route for State Highway 1 Brynderwyns. *Being considered as part of State highway preventative maintenance package for 2015-18.*	Support to address dust mitigation for residents on unsealed roads where there have been significant increases in forest logging truck movements. *Agency not able to support these local mitigation efforts from the NLTF but is supporting the councils with national guidance and peer support.*	
Comment: A small rural road controlling authority which is restoring its financial capacity and which operates at a reasonable level of capability	*Comment: A well-performing road controlling authority with strong capability, a history of investment in required works but at risk of deferring some required renewals*	*Comment: A 'stressed' road controlling authority with limited capability and capacity due to extensive vacancies and high staff turnover*

RELEASED UNDER THE OFFICIAL INFORMATION ACT

NZ TRANSPORT AGENCY
WAKA KOTAHI

MINISTERIAL BRIEFING NOTE

Subject	Itinerary and supporting information for Northland visit on 19 December 2014
Date	15 December 2014
OCU number	BRI-0474
Priority	Routine

Contact for telephone discussion (if required)

Name	Position	Direct line	Cell phone
Ernst Zöllner	Regional Director Auckland and Northland	(09) 969 9553	021 241 5308

Action taken by Office of Minister of Transport

- ☐ **Noted**
- ☐ **Approved**
- ☐ **Seen by Minister**
- ☐ **Referred to**
- ☐ **Needs change**
- ☐ **Withdrawn**
- ☐ **Overtaken by events**

RELEASED UNDER THE OFFICIAL INFORMATION ACT

MINISTERIAL BRIEFING NOTE BRI-0474

15 December 2014

Minister of Transport

Itinerary and supporting information for Northland visit on19 December 2014

Purpose

1. You are scheduled to visit Northland on Friday 19 December 2014. You will be met at Whangarei Airport by Sheryl Mai, Mayor of Whangarei and Bill Shepherd, Chair of Northland Regional Council.

2. This briefing note provides information on the itinerary and the sites, projects and issues being viewed and discussed. It follows information provided to you on 5 December 2014 on the Northland transport network and key issues for local leaders (BRI-0470 refers).

Recommendation

3. It is recommended that you note the content of this briefing note.

.....

Ernst Zöllner

Regional Director Auckland and Northland

.....

Hon Simon Bridges, Minister of Transport

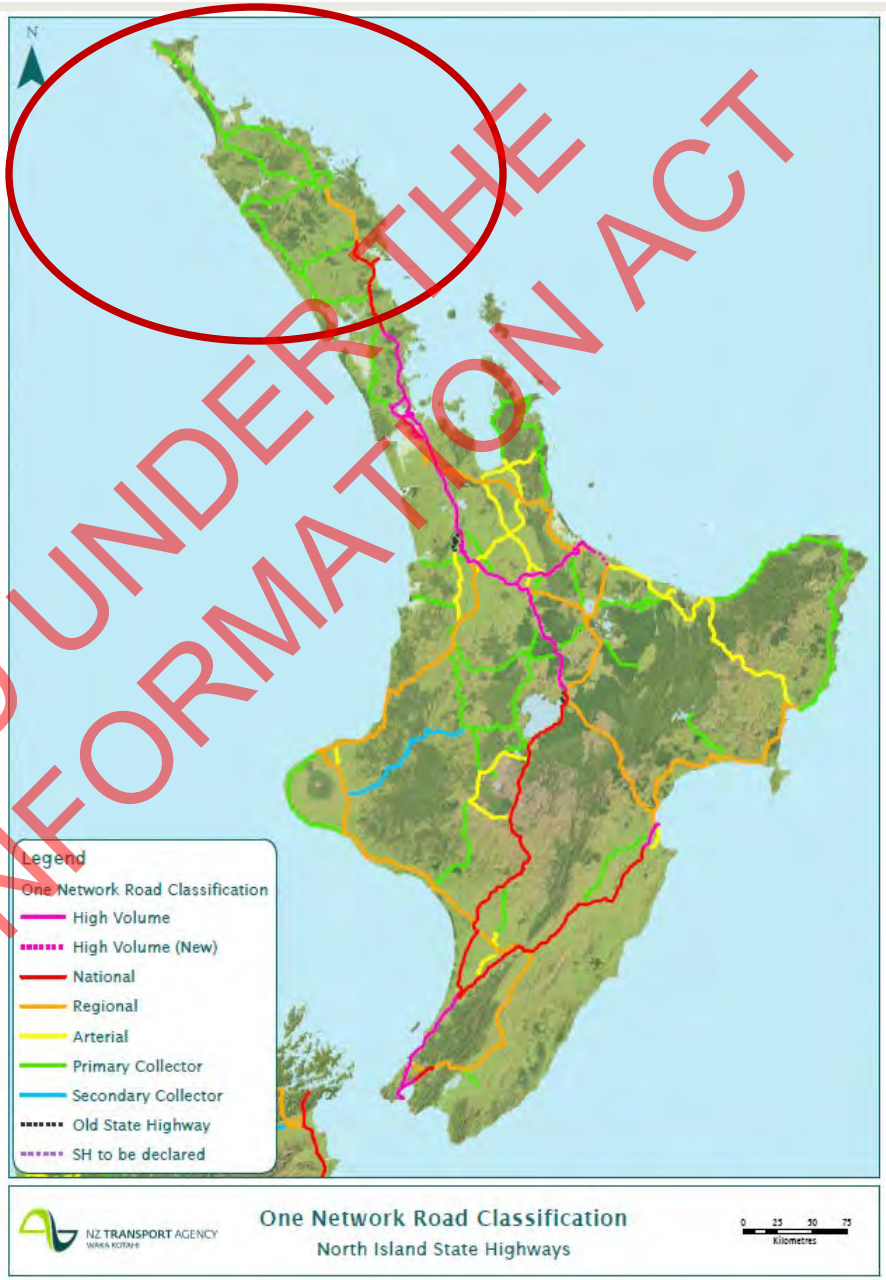
Noted/Approved/Declined

...... /...../.....

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Northland

Itinerary and background information for visit by Minister of Transport on 19 December 2014



RELEASED UNDER THE OFFICIAL INFORMATION ACT

Friday 19 December

Time	Details
9.30am	Minister arrives at Whangarei airport to be met by Sheryl Mai, Mayor of Whangarei District Council (WDC) Bill Shepherd, Chair of Northland Regional Council (NRC). *Travel in NRC vehicle into town.*
10am	Morning tea at Northland Regional Council offices with representatives from NRC, WDC, Kaipara District Council and the NZ Transport Agency (NZTA). Programme: • Informal introductions and conversations • Formal welcome from Bill Shepherd • Short presentations from Whangarei District Council and Kaipara District Council • Short response from the Minister
10.45am	Short tour to view transport issues and projects in and around Whangarei. *Travel in NRC vehicle with representatives from NRC and WDC.* • Loop-Portland-Smeatons Road (refer to attached information sheet 1) • Otaika Valley Road and southern end of proposed 'SH13' (refer to attached information sheet 2) • Hospital Road proposed improvements
12noon	Depart Whangarei for Kawakawa along SH1. *Travel in NZTA vehicle with representatives from NZTA and NRC.* • SH1 Whangarei urban improvements (refer to attached information sheet 3) • Akerama Curves (refer to attached information sheet 4) • SH1 Maromaku slip, south of Kawakawa
12.45pm	Quick lunch in Kawakawa hosted by John Carter, Mayor of the Far North District Council (FNDC), followed by a tour of some of the district's key roading issues. *Travel in FNDC vehicle with representatives from FNDC.* • SH1 Maungamukas • July storm damage repair work (refer to attached information sheet 5)
5pm	Minister arrives at Kerikeri airport

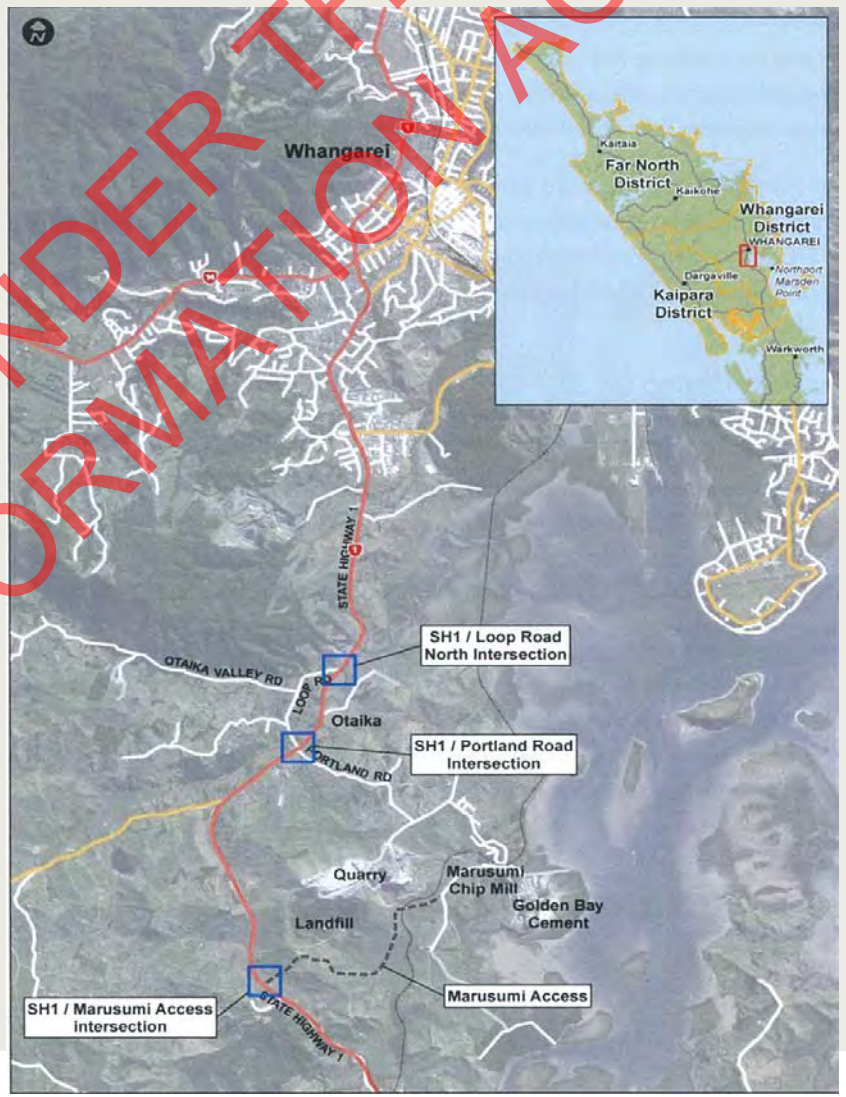
RELEASED UNDER THE OFFICIAL INFORMATION ACT

Itinerary information sheets

RELEASED UNDER THE OFFICIAL INFORMATION ACT

(1) Loop-Portland-Smeatons Road

- Safety and efficiency (nationally strategic state highway)
- Key freight route (linking forestry to Northport)
- Loop Road Strategic Business Case underway
- Detailed business case to be complete in 2015. Will inform project detail and construction timeframes



RELEASED UNDER THE OFFICIAL INFORMATION ACT

(2) ‘SH13’ Mangakahia Road

Over the last decade the Crown has invested around $88 million to develop an inland freight route between SH1 at Kaikohe and SH1 south of Whangarei, mainly to support the forestry sector. This route is used by an average of 200 trucks per day.

There is strong regional consensus around the need for the route to be further upgraded by the Crown (including the upgrade of the Loop and Portlands Road intersection with SH 1) and for the whole route to be declared a new State Highway ‘13’.

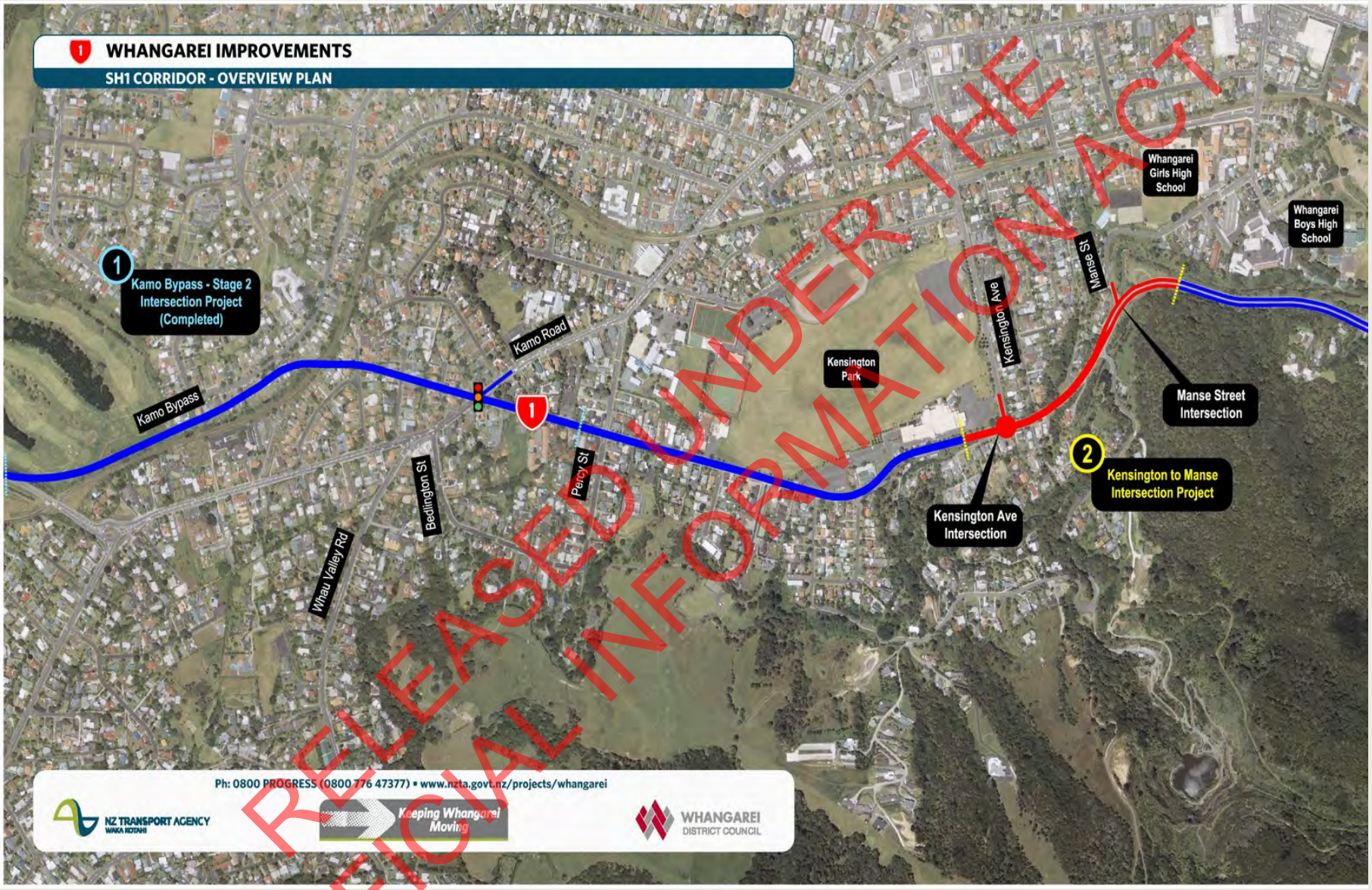
The Transport Agency is considering the request; early assessment is that it meets ‘strategic’ but not ‘significance’ criteria.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

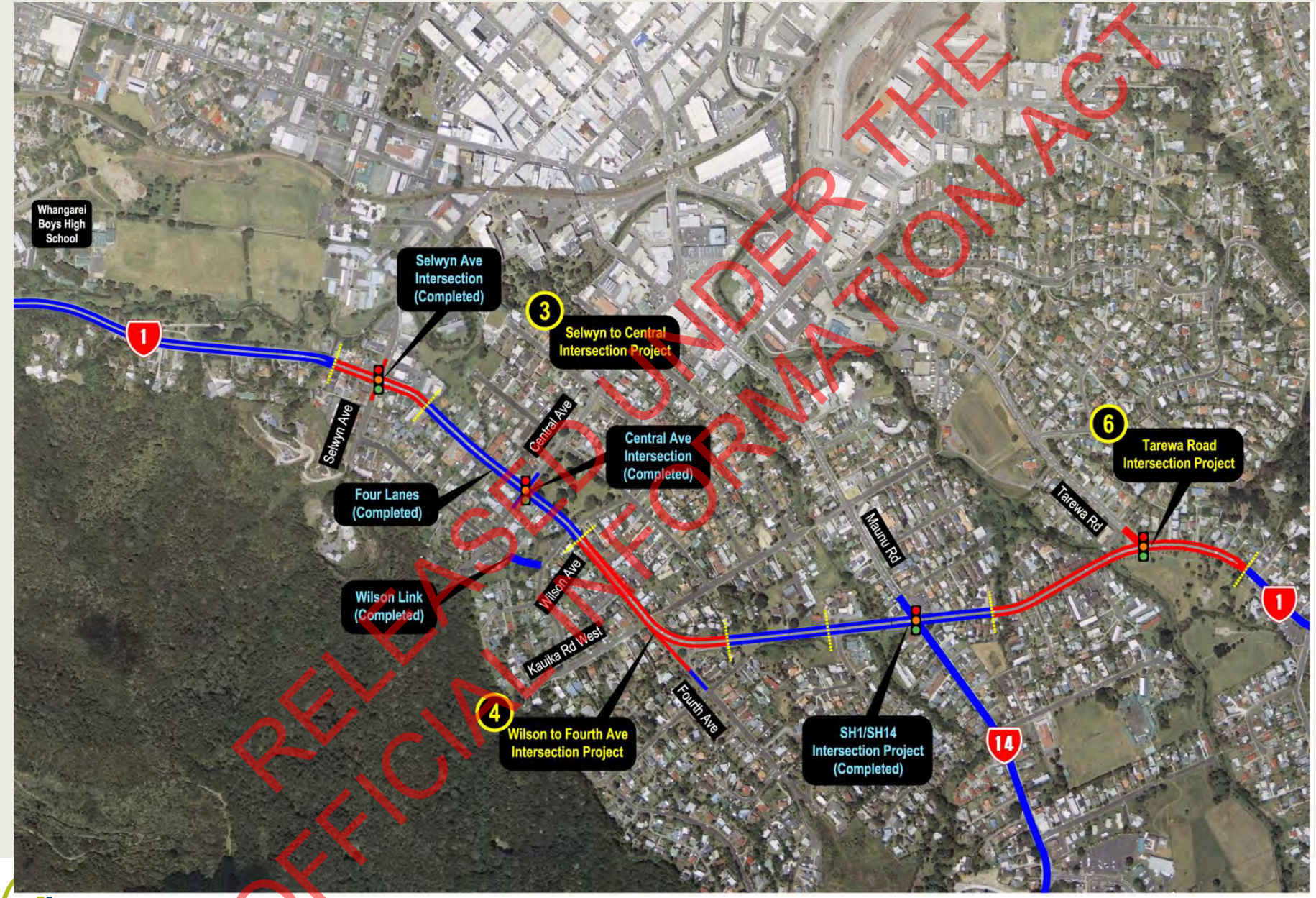
(3) SH1 Whangarei urban improvements

- Improving the operation and relieving congestion of SH1 and at key intersections through Whangarei urban area.
- State Highway 1/14 (completed in 2014)
- Central to Fourth ($3.5M, start 2015)
- Kensington to Manse ($5M, start 2016)
- Tawera Road intersection ($8M, start 2017)

RELEASED UNDER THE OFFICIAL INFORMATION ACT



RELEASED UNDER THE OFFICIAL INFORMATION ACT



RELEASED UNDER THE OFFICIAL INFORMATION ACT

(4) Akerama Curves

- Safety and efficiency improvements on SH1 north of Whangarei
- 3km re-alignment of SH1 to address a high crash rate
- Construction of a passing lane (southbound)
- Construction to start 2015
- Cost $13M

RELEASED UNDER THE OFFICIAL INFORMATION ACT

(5) July storm damage repair work

- **Completed works:** Transport Agency contractors undertook temporary repairs during and immediately after the storms to repair pot holes. The repairs were only temporary due to the poor weather but all works will be completed to the required standards by the end of construction season which started on 1 October 2014. All work has been completed to repair damage sustained on State Highway 1 (Brynderwyns) and at State Highway 12 at Kaihu.
- **SH1 Maromaku slip, south of Kawakawa:** This was the largest slip to affect the network after the July storm. Geotechnical work to investigate the stability of the land in the area of the slip is underway, and design work on the permanent repair to the highway is being completed. The Transport Agency plans to start work to repair the highway next March and to have that work completed and the highway fully restored before next winter. In the meantime, the two-way temporary diversion route will remain in operation.
- **SH1, Turntable Hill north of Moerewa:** Drainage work has started, and piling works to stabilise the highway and hill will start on 8 December 2014. Repairs will continue until the Christmas break and recommence after the holiday. Repairs are expected to be completed by the end of February 2015. During this period, the uphill passing lane will remain closed for safety.
- **SH12 Waipoua forest:** Geotechnical works to investigate the stability of the land will start shortly, and repairs to the slip are planned to start in March 2015. Talks are underway with local and national bodies on the most effective way to treat waste from the repair site to prevent any risk to surrounding kauri trees. Until the repair works are complete, this section of SH12 will be reduced to a single lane under a 'give and take' system.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Since July 2014, $18.4 million has been invested to repair storm-damaged roads in Northland.

The Transport Agency has contributed nearly $15 million of the $18.4 million spent to date. Of this amount just over $11 million has been spent on the repairs of local roads, of which the Government has funded the largest share of nearly $8 million from the National Land Transport Fund (see figures to the right).

Far North District Council has two additional tranches of reinstatement works yet to be assessed and approved.

	FAR	APPLIED FOR	NZTA SHARE
Kaipara			
EW 2014/15 various sites	73%	$1,768,145	$1,290,746
Whangarei			
EW 2014/15 various sites	54%	$2,732,179	$1,475,377
Far North			
Emergency works repair July/Aug 2014 (initial)	74%	$1,574,434	$1,165,081
Emergency works repair July/Aug 2014 (permanent)	74%	$4,957,000	$3,668,180
NZTA State Highways			
EW Brynderwyns slip July 2014	100 %		$300,000
Kaihu River scour slip July 2014	"		$1,100,000
Kaiwaka slip SH1 Northland	"		$423,885
Katetoke Stream bridge approach	"		$614,900
Maromaku slip July 2014	"		$2,525,000
EW Turntable Hill Northland July 14	"		$206,000
EW various sites Northland storms	"		$2,244,498

RELEASED UNDER THE OFFICIAL INFORMATION ACT

People information sheets

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Morning tea – confirmed attendees

Hosted by Northland Regional Council

Organisation	Name / Title
Northland Regional Council	Bill Shepherd, Chair Malcolm Nicolson, Chief Executive Cr John Bain, Regional Transport Committee Chair
Whangarei District Council	Mayor Sheryl Mai Cr Greg Martin Jeff Divine, Roading Manager
Kaipara District Council	Peter Winder, Commissioner Jill McPherson, Acting Chief Executive Henry van Zyl, Roading Manager
NZ Transport Agency	Ernst Zollner, Regional Director Auckland and Northland Brett Gliddon, State Highway Manager Auckland and Northland Jacqui Hori-Holt, Northland Journey Manager

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Key Northland transport leaders

Northland Regional Council

Bill Shepherd, Chairman and Chair of Northland Mayoral Forum

First term on the Northland Regional Council representing the Coastal North Constituency and I have also been elected the Chairman. Has governance experience on boards of both regional and national organisations across a wide range of sectors. I have headed or been a trustee of the NZ Hockey Federation, Hockey Northland, New Zealand Federated Farmers, Northland Business Development Trust, Enterprise Northland Trust, Northland Regional Council Community Trust and Destination Northland.

Malcolm Nicolson, Chief Executive

Malcolm Nicolson commenced his role as Northland Regional Council's Chief Executive Officer in January 2012. He is passionate about unlocking the immense reservoir of opportunity that exists in Northland and serving the diverse communities of the region. He spent 12 years as the head of Far North Holdings Limited (FNHL), which was set up by the Far North District Council in 1997 to handle its commercial activities.

Cr John Bain, Chair, Regional Transport Committee

John Bain has been a Councillor for the Northland Regional Council and Chair of the Regional Transport Committee for seven years. He works closely with the district council representatives and NZTA to coordinate the large roading network of the province which is 38% of the length of the North Island."

Kaipara District Council

John Robertson, QSO, Chairman of the Commissioners

John has public sector experience as a former Member of Parliament and a former Mayor of Papakura, and Chair of Infrastructure Auckland. He is an accredited member of the Institute of Directors, is a Chartered Accountant and a professional director.

Jill McPherson, Acting CEO,

Acting Chief Executive Jill has been with Kaipara District Council for two years, initially as a General Manager and a member of the Executive. Prior to Kaipara Dr McPherson has extensive managerial experience at Auckland City Council.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Whangarei District Council

Mayor Sheryl Mai

She served two terms as a councillor before taking a break to travel overseas. On her return she contested and won the mayoralty of Whangarei in 2013. Mayor Sheryl Mai was born in Putaruru, a small town in New Zealand's central North Island. She was raised and educated both there and in Rotorua before studying horticulture at Massey University.

Mark Simpson, Chief Executive

Has held the CEO role with Whangarei District Council since September 1998, has extensive engineering experience in New Zealand, Australia and United Kingdom. He has specialised in the development of appropriate service standards for wastewater and storm water reticulation and treatment systems, and for solid waste collection and disposal.

Far North District Council

Mayor John Carter

Being involved in the Community has always been really satisfying . Was appointed New Zealand's High Commissioner to the Cook Islands in 2011 and became Mayor of the Far North District of New Zealand in October 2013.
Here's what I believe in... **Local** – Let's put the "local" back into local government; **Consultation** – Talk with the people not AT them! **Employment and the local Economy** – creating opportunities, creating wealth; **Unity** - Working together in harmony; **Council Staff** – Taking pride in our work.

Jacqueline Robson, General Manager Infrastructure and Asset Management

She is a Civil Engineer with over 20 years of experience. She is responsible for setting strategic objectives in the Long Term Plan and the Asset Management Plans, and then ensuring that these objectives are met. Her role also includes building key stakeholder relationships and lifting customer satisfaction. Prior to the Far North District Council, Jacqui worked as: Manager, Investigation and Design North at Auckland Transport. Jacqui's engineering expertise covers all phases of design, construction, operations and maintenance.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Key issues background sheets

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Key points on Northland's transport system

An isolated region that's heavily dependent on its roading network, with…

1. Uncertain and limited rail, sea and air links
2. Limited travel choices, with only Whangarei offering an urban bus service
3. An extensive (and relatively expensive) road network which is in generally good condition but with weak points
4. Steady decline in travel demand across the state highway and local networks
5. State highways move most of the region's traffic but having substantially lighter traffic per km than other regional networks in the Upper North Island
6. Highly concentrated regional traffic volumes
7. High reliance on trucking to service the steadily growing freight demand
8. Important tourist routes which can be developed further
9. Significant and growing resilience challenges
10. Reasonable road safety performance with areas of high risk

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Three key transport issues currently being raised by all Northland leaders

1. **The importance of the Inland Freight Route**. There is strong regional consensus around the need for the route to be further upgraded by the Crown (including the upgrade of the Loop and Portlands Road intersection with State Highway 1) and for the whole route to be declared a new State Highway '13'. Refer to information sheet (2).
   - *The Loop to Smeatons Road intersection business case is being advanced with use of a Crown grant (refer to information sheet 1). The Transport Agency is considering the request for the rest of the Inland Freight Route to be declared a state highway.*

2. **The critical importance of better access to and from Auckland**. There is strong support for the Puhoi to Warkworth Road of National Significance and a subsequent long-term strategy and programme for Warkworth to Whangarei (not just to Wellsford) to address weak links such as Te Hana Bridge and the Brynderwyns.
   - *The Transport Agency is developing a programme business case for the long-term development of the Auckland to Whangarei national strategic route. A draft is due in June 2015.*
   - *Puhoi to Warkworth project proposed to be procurement as a PPP starting 2017.*
   - *Safety improvements to Brynderwyns underway (refer next page).*

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Brynderwyn Hill safety and resilience upgrade

Extensive safety improvements on State Highway 1 on the Brynderwyn Hill started last week.

The $16 million Transport Agency project on the Brynderwyns to improve safety for all road users is located on the north side of the hill near the summit. The project includes several improvements:

- Widening the highway
- Removing tight corners
- Installing a median wire rope barrier to separate north and south bound traffic
- Providing a new lookout over Bream Bay, Hen and Chicken Islands and the Waipu Plains

RELEASED UNDER THE OFFICIAL INFORMATION ACT

3. **The need to address the resilience challenges**. The July 2014 storms caused extensive damage to the region's roading network and highlighted the vulnerability of some communities' access to services, employment, ports and the rest of New Zealand. Extensive calls have been made for increased investment from the Transport Agency and the Crown to address known areas of risk.

   There are four aspects to the Transport Agency's response:

   - ***Restoration and rehabilitation*** *of the storm damage. Substantial progress has been made to date.*
   - ***Mitigation:*** *Improved focus on readying parallel routes and services, and providing backup systems. Addressing catchment management issues where road works are unable to solve the issue or are not most cost effective solution.*
   - ***Preparedness:*** *This includes ensuring collective understanding and readiness across partner organisations.*
   - ***Prevention:*** *A proposed new $3 million -$18 million preventative maintenance programme for 2015-18 to address known areas of risk. Six proposed new state highway improvement projects for 2012-15 to upgrade infrastructure such as bridges, walls and culverts (refer next pages).*

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Proposed SH improvement projects for inclusion in the 2015-18 RLTP

Resilience trouble spot	Status	Cost estimate ($000)
North of Te Hana Bridge	Manage and response plan - detour routes	50
SH1 Turntable Hill	Proposed Preventative Maintenance Application approval confirmed in March 2015	650
Saleyards Road	Proposed Preventative Maintenance Application approval to be confirmed March 2015	415
Shedewys Hill (end of existing retaining wall)	Proposed Preventative Maintenance Application approval to be confirmed March 2015	550
Shedewys Hill (small slip being topped up)	Proposed Preventative Maintenance Application approval to be confirmed March 2015	550
Lookout Hill 2 - South	Proposed Preventative Maintenance Application approval to be confirmed March 2015	500
Lookout Hill 2 - North	Proposed Preventative Maintenance Application approval to be confirmed March 2015	500
Substation North (south underslip) - Culvert 8	Manage and response plan - detour routes will be part of Te Hana study	50
Substation (north underslip)	Manage and response plan - detour routes will be part of Te Hana study	50
Rock wall shoulder slump	Proposed Preventative Maintenance Application approval to be confirmed March 2015	250
Callaghans Road	Proposed Preventative Maintenance Application approval to be confirmed March 2015	500

This project list will be further refined in January 2015. Applications for funding will be subject to national prioritisation.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Resilience trouble spot (continued)	Status	Cost estimate ($000)
Puketotara Road	Proposed Preventative Maintenance Application approval to be confirmed March 2015	415
Bush Point	Proposed Preventative Maintenance Application approval to be confirmed March 2015	320
Thompson Place	Proposed Preventative Maintenance Application approval to be confirmed March 2015	60
July Road	Proposed Preventative Maintenance Application approval to be confirmed March 2015	165
Mitimiti North	Manage and response plan - detour routes will be part of Tehana study	50
Long Hill passing lanes	Proposed Preventative Maintenance Application approval to be confirmed March 2015	150
Zidich Hill	Proposed Preventative Maintenance Application approval to be confirmed March 2015	240
Waipoua	Proposed Preventative Maintenance Application approval to be confirmed March 2015	83
Cape Reinga to Awanui (no detours)	Manage and Response Plan	TBA
Mangakahia Road	Corridor Study proposed	TBA
Kaeo	Flooding - NRC hydologic solution works completed this has been successful with the SH flooding during high tide - Management & Response Plan required	20
Mangonui - Kaeo - Puketona	Corridor Study - Flooding and Underslips	TBA
Kaitaia - Ohaewai	Corridor Study - Flooding and Underslips	TBA
Moerewa / Kawakawa / Taumarere	Flooding - work with NRC to understand hydrology of the area	TBA
Brynderwyns	Manage and Response Study - detours routes for Paparoa / Oakleigh and Mangawhai	20
Whangarei to Dargaville	Corridor Study	TBA
Paihia	Flooding - work with NRC to understand hydrology of the area	TBA
Whangarei to Kawakawa	Flooding - work with NRC to understand hydrology of the area	TBA
Opononi Foreshore Erosion	Initial investigation for Foreshore Erosion	TBA
Ohaewai to Omapere	Corridor Study	TBA
Mangakahia Road - SH14/12 intersection	Corridor Study	TBA

RELEASED UNDER THE OFFICIAL INFORMATION ACT

NZ TRANSPORT AGENCY
WAKA KOTAHI

This project list will be further refined in January 2015. Applications for funding will be subject to national prioritisation.

Some of the more specific issues being raised by regional leaders

Kaipara District	Whangarei District	Far North District
Support for addressing a substantial renewals backlog following an extensive rates revolt. *Good progress is being made.*	Completion of the extensive improvements being made to State Highway 1 through the urban area. *Good progress being made.*	Greater support for emergency works to address storm damage on the local roading network. *Most claims received to date have been accepted and progressed, but some differences persist around what are best value for money solutions.*
Addressing safety issues around specific points such as the Matakohe bridges on State Highway 12. *Project is included in draft 2015-18 RLTP.*	Corridor improvements to State Highway 14 in Whangarei linked to substantial growth at the regional hospital site. *Agreement to develop a long term corridor plan by mid 2015, and project included in draft 2015-18 RLTP.*	Despite its Funding Assistance Rate lifting from 58% to 64%, leaders argue that additional National Land Transport Fund and Crown funding is needed to improve quality of all roads including projects around Kerikeri and Pahia to address seasonal congestion issues. *The draft 2015-18 RLTP includes a substantial package to address resilience and congestion concerns, but its possible that these projects will not be able to receive funding in 2015-18 due to national demand.*
Improving the resilience of the Paparoa-Oakleigh road, which is a diversion route for State Highway 1 Brynderwyns. *Being considered as part of state highway preventative maintenance package for 2015-18.*	Support to address dust mitigation for residents on unsealed roads where there have been significant increases in forest logging truck movements. *Transport Agency not able to support these local mitigation efforts from the NLTF but is supporting the councils with national guidance and peer support.*	
Comment: A small rural road controlling authority which is restoring its financial capacity and which operates at a reasonable level of capability	*Comment: A well-performing road controlling authority with strong capability, a history of investment in required works but at risk of deferring some required renewals*	*Comment: A 'stressed' road controlling authority with limited capability and capacity due to extensive vacancies and high staff turnover*

RELEASED UNDER THE OFFICIAL INFORMATION ACT

[redacted]

From: Official Correspondence
Sent: Monday, 2 March 2015 1:29 p.m.
To: Matthew Skinner
Subject: RE: Loop Road to Smeaton's Hill MIN-1233

Hi Matt

The BU has advised that the only thing coming in the next 1-2 months is our inviting tenders from engineering consultancies to develop options for the intersection upgrade.

That must be what Geoff was referring to.

Let me know if you need anything else.

Thanks
Tia ☺

From: Matthew Skinner [mailto:Matthew.Skinner@parliament.govt.nz]
Sent: Monday, 2 March 2015 12:05 p.m.
To: Official Correspondence
Subject: Loop Road to Smeaton's Hill MIN-1233

Hi

At the 11 Feb NZTA meeting with the Minister, Geoff discussed the Loop Road North to Smeatons Hill Safety Improvements Accelerated Regional Roading project. Nobody has notes of the discussion, but the Minister recalls Geoff saying that something was happening on this project over the next 1–2 months.

Could you please look into this for me? As far as I am aware, the investigatory work is due to be completed in June 2015 — but are there any other dates/milestones that will happen prior to this?

Cheers
Matt

Matt Skinner | Private Secretary – Transport
Office of Hon Simon Bridges | Minister of Transport
DDI: +64 4 817 817 9802 | M: +64 21 569 240 | F: +64 4 817 6535
Private Bag 18041 | Parliament Buildings | Wellington 6160 | New Zealand

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Attachment 8

Gail Wilson

From: Gail Wilson
Sent: Thursday, 5 March 2015 3:49 p.m.
To: matthew.skinner@parliament.govt.nz
Cc: Official Correspondence; Jacqui Hori-Hoult; Tim Crow; Nick Coxhill; Brett Gliddon; Andrew Martin
Subject: Far North single lane bridges

Hi Matt

My previous email went haywire. I had a whole lot of text included but for some reason it didn't show.

So use the attachments on my previous email with this text:

1 List of Far North District Council single lane bridge (attached to previous email). Co-ordinates are provided, but a map showing locations of only single lane bridges would take some time (days).
2 List of State Highway single lane bridges in the Far North District Council area (attached to previous email). (All other single lane bridges in Northland are also included for information).
3 A map of Northland showing all the Northland State Highway single lane bridges (attached to previous email).

In the Far North District there are 530 single lane bridges or large culverts with a total length of approximately 7,900 m. The total number of bridges and large culverts in the Far North District is 729 with a total length of approximately 9,800 m. So the single lane bridges make up 73% by number and 81% by length of all bridges in the Far North District.

The total replacement cost for these single lane bridges would be in the order of $237 million.

For the State Highway bridges in the Far North District area only, there are 13 single lane bridges with a total length of 511 m. The total number of state highway bridges and large culverts in the Far North District area is 174 with a total length of 3,270 m. So the single lane bridges make up 7% by number and 16% by length of State Highway bridges in the Far North District area only.

The total replacement cost for these single lane bridges would be in the order of $30 million.

For all State Highway bridges in the region (north of the Johnston's Hill Tunnels), there are 15 single lane bridges with a total length of 598 m. The total number of bridges and large culverts north of the tunnels is 383 with a total length of approximately 7,539 m. So the single lane bridges make up 4% by number and 8% by length of all State Highway bridges north of the tunnels.

The total replacement cost for these single lane bridges would be in the order of $36 million.

For the above figures the total lengths include the road lengths of the culverts (i.e. road centreline length) rather than the length of the culvert .

You also asked questions about the Draft Northland Regional Land Transport Plan

- What projects does the "Bridge Replacements" include (page 38 of draft RLTP)? We can't answer that – would have to get the info from council.
- Are the Matakohe, Kaeo, and Taipa bridge replacements likely to make the NLTP, and are the costs in the RLTP NZTA estimates or local estimates? We can't answer that at this time. The RLTP hearings are on now. The Board will decide on the confirmed list on 30 June.

You asked for a priority list of bridge replacements. We don't have such a list as all of the state highway bridges are currently structurally sound.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Gail

Gail Wilson / Senior Adviser Official Information
Official Correspondence Unit

DDI 64 4 894 6283
E gail.wilson@nzta.govt.nz / w nzta.govt.nz

National Office / Victoria Arcade, 50 Victoria Street,
Private Bag 6995, Wellington 6141, New Zealand

NZ TRANSPORT AGENCY
WAKA KOTAHI

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Gail Wilson

From: Gail Wilson
Sent: Thursday, 5 March 2015 3:38 p.m.
To: matthew.skinner@parliament.govt.nz
Cc: Official Correspondence; Jacqui Hori-Hoult; Tim Crow; Nick Coxhill; Brett Gliddon; Andrew Martin
Subject: RE: Northland one-lane bridges - URGENT
Attachments: 150305 Far North District Single Lane bridges.xlsx; 150305 SH Single Lane Bridge.xlsx; Far North District and other Northland single lane bridges.jpg

RELEASED UNDER THE OFFICIAL INFORMATION ACT

FAR NORTH DISTRICT COUNCIL BRIDGES						
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting
Single Lane bridges						
1	H38	ABRAHAM ROAD (3299)	25	4	6666259.934	2560154.774
3	F03	AKATERE ROAD (3140)	11	17	6690162.636	2569008.435
4	W61	AKERAMA ROAD (1490)	237	16	6633033.872	2617007.466
6	E14	APUTEREWA ROAD (1499)	561	9	6684455.812	2558586.321
9	G09	AWAROA ROAD (1513)	6538	48	6671149.935	2529952.877
11	K01	AYRTONS ACCESS ROAD (1514)	203	9		
12	E05	BACKRIVER ROAD (1516)	2298	12	6684474.573	2557786.646
13	E04	BACKRIVER ROAD (1516)	2599	7	6684547.888	2558035.751
14	E11	BACKRIVER ROAD (1516)	4791	12	6685259.668	2559335.094
15	E12	BACKRIVER ROAD (1516)	5453	8	6685665.501	2559611.33
16	E13	BACKRIVER ROAD (1516)	6561	7	6686361.538	2560209.768
17	E20	BACKRIVER ROAD (1516)	8134	11	6687602.952	2560016.248
18	E21	BACKRIVER ROAD (1516)	8409	28	6687654.49	2560279.439
20	E19	BARRIBALL ROAD (ORURU) (1523)	1104	8	6685600.241	2556042.78
21	E72	BECKHAM ROAD (1528)	101	22	6677643.166	2548769.98
23	E87	BLUE GORGE ROAD (3220)	1245	8	6677897.333	2552251.119
24	B21	BONNETTS ROAD (1549)	3208	28	6676969.321	2531420.183
25	B06	BRASS ROAD (1555)	4147			
26	H13	BROADWOOD ROAD (1560)	3374	8	6663222.26	2597178.564
27	H14	BROADWOOD ROAD (1560)	5645	14	6659304.439	2550143.821
28	H15	BROADWOOD ROAD (1560)	6554	9	6658747.473	2549666.711
30	H34	BROADWOOD ROAD (1560)	10079	12	6660096.962	2547021.659
33	B10	BROTT ROAD (1561)	1691	13	6682383.786	2533016.287
34	P13	BROWNS ROAD (TE IRENGA) (1563)	1300	5	6638666.103	2582992.243
35	W60	BROWNS ROAD (TOWAI) (1562)	447	10	6632365.887	2614499.354
36	E40	BURMA ROAD (1568)	99	11	6678218.586	2553812.08
37	W50	CALLAGHANS ROAD (1574)	79	8	6634730.162	2610126.885
38	E31	CAMPBELL ROAD (TOATOA) (1577)	826	8	6681048.232	2550486.715
39	H07	CARMENS ROAD (1583)	49	29	6660013.391	2547030.453
40	D17	CARR ROAD (1584)	1285	8	6665920.773	2541629.393
41	C19	CHAMPIONS ROAD (1591)	353	28	6682583.546	2544909.668
42	P04	CHERRINGTON ROAD (1593)	167	9	6643232.062	2596996.152
44	C13	CHURTONS ROAD (1601)	127	23	6685342.933	2541893.511
45	B23	CLOUGH ROAD (1607)	375	21	6676062.505	2540693.908
46	B22	CLOUGH ROAD (1607)	1965	9	6677053.627	2539634.678
48	H26	CRALLANS ROAD (1617)	116	25	6663199.671	2560604.053
49	P06	CUMBER ROAD (1622)	152	16	6641835.883	2584495.228
50	P48	CUMBER ROAD SIDE ROAD (3005)	152	8		
51	K07	CURTIS ROAD (1623)	805	5	6640130.54	2558895.953
52	E32	DANGEN ROAD (1624)	132	36	6680086.61	2557481.126
53	W15	DAVIS ROAD (1627)	90	9	6640805.298	2599754.664
54	W16	DAVIS ROAD (1627)	309	6	6640707.017	2599955.587
55	P05	DAVEY ROAD (1629)	96	5	6643242.685	2598993.593
56	D39	DIGGERS VALLEY ROAD (1639)	306	12	6659959.02	2532172.539
57	D38	DIGGERS VALLEY ROAD (1639)	1431	10	6660831.419	2532884.143
58	D34	DIGGERS VALLEY ROAD (1639)	2932	8	6661782.896	2533734.417
59	D33	DIGGERS VALLEY ROAD (1639)	3536	19	6662259.748	2534058.704
60	D32	DIGGERS VALLEY ROAD (1639)	3979	8	6662473.929	2534390.121
61	D30	DIGGERS VALLEY ROAD (1639)	4313	16	6662526.886	2534714.592
62	D31	DIGGERS VALLEY ROAD (1639)	4439	17	6662586.78	2534829.6
63	D24	DIGGERS VALLEY ROAD (1639)	6082	8	6663850.247	2535222.195
64	D23	DIGGERS VALLEY ROAD (1639)	8663	9	6664887.183	2536432.693
65	D22	DIGGERS VALLEY ROAD (1639)	11661	9	6667077.544	2536561.841
66	D21	DIGGERS VALLEY ROAD (1639)	12949	12	6667684.045	2536660.154
67	D08	DIGGERS VALLEY ROAD (1639)	16504	9	6668624.401	2539093.517
68	D07	DIGGERS VALLEY ROAD (1639)	19967	11	6670073.35	2541235.426
70	I46	DIP ROAD (1640)	16	11	6677742.833	2581268.53
71	A33	DOEL ROAD (WAIPAPAKAURI) (1642)	581	17	6686800.821	2532727.124
72	B38	DONALD LANE (3008)	280	32	6678054.413	2534796.416
73	K02	DUDDY ROAD (1652)	1911	7	6638517.768	2560706.281
75	C14	DUNCAN ROAD (KAINGAROA) (1656)	1520	9	6685253.003	2541809.968
76	C15	DUNCAN ROAD (KAINGAROA) (1656)	4685	32	6683879.531	2543614.773
77	C16	DUNCAN ROAD (KAINGAROA) (1656)	5763	19	6683590.676	2544525.081
80	E70	DUNCAN ROAD (KAINGAROA) (1656)	14861	9	6685376.602	2541430.405
81	E71	DUNCAN ROAD (KAINGAROA) (1656)	15839	27	6685882.146	2540634.862
82	E61	DUTTON ROAD (1659)	201	10	6674548.979	2555944.236
83	S18	EDMONDS ROAD (1666)	1173	7	6664654.187	2603134.023
84	E80	EDWARDS ROAD (1667)	12	9	6674284.827	2550798.362
86	E67	FAIRBURN ROAD (1676)	3280	8	6675810.371	2544545.841
87	E66	FAIRBURN ROAD (1676)	5832	12	6676897.894	2546127.067
88	E43	FERN FLAT ROAD (1683)	578	8	6678038.052	2558393.826
89	E45	FERN FLAT ROAD (1683)	1275	5	6677674.088	2557922.739
90	E46	FERN FLAT ROAD (1683)	2703	28	6676679.028	2558005.678
91	E47	FERN FLAT ROAD (1683)	3562	9	6676179.702	2558583.384
92	E48	FERN FLAT ROAD (1683)	4892	14	6676081.609	2559633.354
93	E49	FERN FLAT ROAD (1683)	5847	36	6675801.859	2560348.316
94	E50	FERN FLAT ROAD (1683)	6233	12	6675641.928	2560674.674
95	E51	FERN FLAT ROAD (1683)	6419	12	6675704.769	2560837.864
96	E52	FERN FLAT ROAD (1683)	7019	16	6675577.493	2561278.514
97	E63	FISHER-RILEY ROAD (1684)	57	28	6676694.097	2544846.463
98	E64	FISHER-RILEY ROAD (1684)	174	6	6676793.096	2544910.214
99	B07	FORESHORE ROAD (AHIPARA) (1692)	228	36	6670067.557	2524541.849
101	M03	FOREST ROAD (1693)	707	31	6657317.115	2573724.139
103	B27	FRYER ROAD (1699)	211	9	6674826.704	2537656.403

RELEASED UNDER THE OFFICIAL INFORMATION ACT

FAR NORTH DISTRICT COUNCIL BRIDGES						
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting
105	P25	GAMMONS ROAD (1701)	2810	13	6627350.075	2584182.745
106	P26	GAMMONS ROAD (1701)	4308	16	6626448.987	2583562.808
107	P27	GAMMONS ROAD (1701)	7210	3	6625551.146	2582054.971
108	P52	GERRARD ROAD (3196)	366	11	6631483.653	2593577.572
109	B11	GILLS ROAD (AWANUI) (1705)	1391	32	6682888.646	2533234.598
110	S19	GOLF VIEW ROAD (1708)	315	25	6663790.888	2596817.144
111	N35	GRAHAM ROAD (1712)	325	18	6635758.966	2573447.163
112	H06	GROUNDS ROAD (1720)	84	24	6660402.478	2595661.15
113	M28	GROVE ROAD (1721)	133	14	6656182.395	2562319.281
114	G10	GUEST ROAD (1723)	91	9	6645708.508	2550374.599
117	D27	GURR ROAD (1726)	87	10	6666751.395	2541994.855
118	L14	GUTHRIE ROAD (1727)	610	2	6640510.022	2568699.343
119	W62	HAILE ROAD (1729)	201	15	6634155.776	2616585.018
120	J07	HANSEN ROAD (WAIMAMAKU) (1732)	149	6		
123	M25	HARRISON ROAD (1739)	14	24	6650497.144	2574365.27
125	D48	HAUMANGA ROAD (3058)	376	5	6658445.98	2536685.932
126	D49	HAUMANGA ROAD (3058)	2289	8	6657206.787	2536954.393
127	A31	HEATH ROAD (1751)	447	8	6691877.468	2529604.493
128	W41	HENARE ROAD (1753)	871	10	6633915.963	2604625.736
129	R27	HERBERT ROAD (WAIARE) (1757)	111	6	6672099.63	2582889.461
130	G31	HICKS ROAD (1758)	794	9	6657781.561	2541247.679
131	F08	HIHI ROAD (1759)	61	8	6688597.554	2563120.04
132	F07	HIHI ROAD (1759)	2380	19	6690403.452	2562226.816
133	F06	HIHI ROAD (1759)	2957	17	6690691.018	2561729.099
134	F14	HIHI ROAD (1759)	4389	10	6691793.28	2560920.423
135	F05	HIHI ROAD (1759)	5115	9	6691866.418	2560286.733
136	G06	HOHAIA ROAD (3330)	54	4		
138	E60	HONEYMOON VALLEY ROAD (1778)	3571	18	6675155.604	2555761.347
141	J08	HOOKS AND HALLS ROAD (1788)	330	29	6627190.52	2552470.733
143	W36	HORAHORA HEADS ROAD (1777)	1436	9	6630615.57	2608264.835
144	W33	HORAHORA HEADS ROAD (1777)	1752	19	6630476.99	2607988.999
145	M24	HOREKE ROAD (1785)	5406	39	6649926.153	2572105.365
148	L03	HOREKE ROAD (1785)	15891	40	6648929.969	2563603.859
149	H37	HUMPHREY ROAD (1776)	4	3	6655922.54	2550821.4
150	T06	HUPARA ROAD (1775)	2066	6	6648969.632	2600472.781
151	M08	IMMS ROAD (LAKE OMAPERE) (1794)	3707	12	6649314.137	2578336.102
152	M17	IMMS ROAD (LAKE OMAPERE) (1794)	4044	9	6649320.328	2578016.649
153	W37	INKSTERS ROAD (1797)	64	4	6630969.234	2609270.738
155	W31	INKSTERS ROAD (1797)	5209	6	6627795.73	2609525.395
156	C11	INLAND ROAD (1793)	36	12	6690694.213	2545600.241
157	H27	IWITAUA ROAD (1796)	130	46	6665648.364	2560082.237
158	H28	IWITAUA ROAD (1796)	2223	8	6666491.277	2561265.354
159	H29	IWITAUA ROAD (1796)	3026	28	6667181.098	2561457.061
160	H30	IWITAUA ROAD (1796)	3938	13	6667810.288	2561830.631
161	H31	IWITAUA ROAD (1796)	8487	12	6670788.458	2563137.444
162	H01	IWITAUA ROAD (1796)	12876	10	6673720.036	2564136.601
163	I07	IWITAUA ROAD (1796)	14710	8	6674323.961	2565049.511
164	E79	JACENTHO ROAD (1799)	190	6	6675097.918	2551844.839
165	H33	JACKSONS ROAD (OMAHUTA) (3379)	0	21	6636245.17	2552526.139
166	E95	JASONS ROAD (3248)	130	28.6	6681000	2557000
167	R01	JENNINGS ROAD (1806)	223	8	6667694.888	2592993.134
168	L01	JORDAN ROAD (1812)	591	13	6641123.489	2579844.725
169	L02	JORDAN ROAD (1812)	6356	15	6643457.357	2575837.041
171	L07	JORDAN ROAD (1812)	9795	15	6641334.884	2573753.763
172	M35	KAHIKATOA ROAD (1815)	1607	3	6656261.269	2560009.379
173	A29	KAIMAUMAU ROAD (1838)	2515	8	6696460.839	2530433.148
174	A30	KAIMAUMAU ROAD (1838)	4386	5	6696407.461	2532113.279
183	D58	KAITAIA-AWAROA ROAD (2598)	18880	24	6663587.583	2529907.33
186	D42	KAITAIA-AWAROA ROAD (2598)	22370	37	6660528.575	2530305.066
188	D40	KAITAIA-AWAROA ROAD (2598)	25256	9	6659670.418	2531617.544
190	D47	KAITAIA-AWAROA ROAD (2598)	31006	32	6658783.544	2536524.952
191	M05	KARAKA ROAD (1828)	189	10	6656206.759	2578284.795
192	D55	KAUHANGA ROAD (1835)	8	19	6652151.645	2531325.009
194	E15	KENANA ROAD (1844)	226	19	6684229.619	2562574.318
200	S15	KERIKERI INLET ROAD (1795)	3470	27	6664261.197	2600539.688
201	S16	KERIKERI INLET ROAD (1795)	6063	8	6663431.394	2602651.065
202	S13	KERIKERI ROAD (1853)	5363	60	6664333.061	2598457.906
203	E86	KITCHEN ROAD (1860)	489	23	6671984.951	2549204.694
204	P21	KNUDSENS ROAD (1863)	272	12	6631120.473	2585963.564
205	P22	KNUDSENS ROAD (1863)	1221	12	6631036.539	2585233.012
206	P19	KNUDSENS ROAD (1863)	1825	9	6630977.171	2584652.557
207	G24	KOHE ROAD (1864)	827	8	6654288.244	2539158.485
208	H41	KOHUKOHU ROAD (1867)	2980	10	6656524.564	2555566.734
213	E03	KOHUMARU ROAD (1862)	13	17	6687566.787	2560903.652
214	E06	KOHUMARU ROAD (1862)	2406	8	6685683.571	2561842.376
217	E44	KOHUMARU ROAD (1862)	17766	20	6678510.275	2559116.197
218	E42	KOHUMARU ROAD (1862)	18793	30	6678532.963	2558172.726
219	E33	KOHUMARU ROAD (1862)	19989	31	6679355.901	2557389.82
220	K05	KOUTU LOOP ROAD (1879)	124	8	6635042.952	2549578.88
221	W27	KUPA ROAD (1881)	106	37	6635801.337	2601765.417
223	W26	KUPA ROAD (1881)	1627	4	6636658.287	2602463.265
224	C09	LAKE OHIA FLOOD BYPASS ROAD (3450)	400			
227	M13	LAKE ROAD (OKAIHAU) (1891)	5071	16	6648812.449	2580947.843
228	S09	LANDING ROAD (KERIKERI) (1888)	1790	36	6665072.366	2598451.487
231	W02	LOVATT ROAD (1910)	2638	4	6624269.882	2596368.347
232	W01	LOVATT ROAD (1910)	3219	34	6624470.885	2595953.968

OFFICIAL INFORMATION RELEASED UNDER THE

FAR NORTH DISTRICT COUNCIL BRIDGES						
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting
233	L06	MACDONNELL ROAD (1915)	151	12		
234	I32	MAHINEPUA ROAD (1917)	434	10	6688342.074	2587608.96
235	X10	MANAWAORA ROAD (1924)	3418	9	6659347.028	2622836.985
236	X05	MANAWAORA ROAD (1924)	6138	16	6659070.654	2624642.786
237	X04	MANAWAORA ROAD (1924)	7835	14	6658816.75	2626055.539
240	P23	MANGAKAHIA ROAD (1925)	14487	17	6631144.999	2586242.702
242	P28	MANGAKAHIA ROAD (1925)	18851	9	6627036.026	2585980.288
243	P29	MANGAKAHIA ROAD (1925)	21461	32	6624644.413	2586446.624
245	P31	MANGAKAHIA ROAD (1925)	24240	19	6622202.982	2586906.124
247	R06	MANGAKARETU ROAD (1927)	1114	19	6663186.988	2590584.646
252	H21	MANGATAIPA ROAD (1932)	772	9	6662297.461	2558998.882
253	H22	MANGATAIPA ROAD (1932)	2874	16	6663759.739	2557905.587
254	M20	MANGATARAIRE ROAD (1933)	459	16	6649566.761	2572263.075
255	M21	MANGATARAIRE ROAD (1933)	2332	13	6648801.478	2573855.845
256	N23	MANGATAWA ROAD (1934)	590	16	6633098.654	2573619.781
257	H35	MANSBRIDGE ROAD (1940)	554	11	6660213.153	2548633.865
258	H09	MANSBRIDGE ROAD (1940)	1487	18	6660440.593	2549515.249
259	D59	MANUKAU ROAD (1941)	575	20	6662534.413	2529873.733
260	W54	MARLOW ROAD (1948)	945	19	6632241.407	2611710.407
261	W55	MARLOW ROAD (1948)	3212	19	6630366.981	2611700.86
262	W57	MARLOW ROAD (1948)	7665	12	6626828.973	2611695.507
263	W30	MAROMAKU-TOWAI ROAD (1953)	1233	16	6634996.368	2610207.285
265	W58	MAROMAKU-TOWAI ROAD (1953)	4020	13	6633063.782	2611738.31
266	W74	MAROMAKU-TOWAI ROAD (1953)	4753	16	6633029.925	2612334.57
267	W59	MAROMAKU-TOWAI ROAD (1953)	6505	10	6633368.959	2613509.951
269	W17	MARTIN ROAD (POKERE) (1958)	276	5	6636070.251	2601590.367
270	H23	MATA ROAD (1966)	9	19	6655773.411	2557299.01
271	H24	MATA ROAD (1966)	3180	9	6653959.108	2555454.221
273	C03	MATAI BAY ROAD (1968)	3574	19	6706331.719	2547303.761
275	I37	MATAURI BAY ROAD (1972)	3249	18	6677432.135	2588240.823
278	I35	MATAURI BAY ROAD (1972)	11179	4	6681812.771	2591740.655
279	I34	MATAURI BAY ROAD (1972)	11579	13		
280	I68	MATAURI BAY CAMP ROAD	200	3		
281	I69	MATAURI BAY CAMP ROAD	500	3		
282	I33	MATAURI BEACH ROAD (1973)	2179	8	6684696.298	2594153.922
283	I39	MATAURI LINK ROAD (1974)	32	8	6675149.71	2587484.593
284	W22	MATAWAIA-MAROMAKU ROAD (1977)	891	21	6633212.183	2598192.912
286	W24	MATAWAIA-MAROMAKU ROAD (1977)	4098	23	6633292.617	2600904.393
288	W38	MATAWAIA-MAROMAKU ROAD (1977)	9488	8	6633498.019	2603404.845
289	W39	MATAWAIA-MAROMAKU ROAD (1977)	10176	16	6633172.436	2603937.604
290	W40	MATAWAIA-MAROMAKU ROAD (1977)	10750	13	6633181.198	2604504.032
291	W29	MATAWAIA-MAROMAKU ROAD (1977)	11786	21	6633141.028	2605267.247
293	W46	MATAWAIA-MAROMAKU ROAD (1977)	15422	7	6634528.009	2607024.961
294	W47	MATAWAIA-MAROMAKU ROAD (1977)	15923	24	6634990.167	2607128.067
296	W49	MATAWAIA-MAROMAKU ROAD (1977)	19160	8	6635067.002	2609669.503
298	I47	MATAWHEROHIA ROAD (1979)	17	8	6676571.093	2580651.372
299	I48	MATAWHEROHIA ROAD (1979)	7781	10	6672197.403	2580382.6
300	P42	MATENE ROAD (1981)	29	9	6636280.996	2589595.437
302	D36	MCDONALD ROAD (DIGGERS VALLEY) (1989)	130	2	6660829.166	2533065.543
303	I62	MCGEE ROAD (1992)	135	2	6676094.433	2584969.235
304	I40	MCGEE ROAD (1992)	348	8	6676103.506	2585147.211
305	T22	MCINTYRES ROAD (1993)	58	14	6653042.15	2602803.804
306	E65	MEFFIN ROAD (1995)	174	27	6676772.316	2544703.949
307	E02	MILL BAY ROAD (2005)	1054	7	6689990.643	2559197.129
308	T27	MILL ROAD (2008)	1778	9	6645326.899	2606283.472
309	T46	MILL ROAD (2008)	3991	2		
310	N32	MISSION OAK ROAD (2014)	122	31	6639192.101	2566334.13
311	W67	MONUMENT ROAD (2020)	8730	20	6636573.77	2620488.861
312	W53	MORGANS ROAD (3171)	90	17	6635702.604	2619780.285
315	W70	NELSONS ROAD (2030)	11	15	6639135.798	2620538.837
317	B05	NGAKAROA ROAD (3015)	126	9	6668758.499	2526031.138
325	P02	NGAWHITU ROAD (2044)	294	20	6643104.34	2596784.403
326	N26	NINIHI ROAD (2046)	236	9	6636296.31	2574628.18
328	B18	OINU ROAD (2058)	475	8	6681983.555	2537328.137
329	M23	OKAKA ROAD (2062)	294	15	6651570.178	2570233.955
330	UN11	OKAKEWAI ROAD (2063)	520	2.1		
332	R19	OLD BAY ROAD (2068)	1915	11	6651771.01	2594303.658
333	R20	OLD BAY ROAD (2068)	3523	11	6652489.478	2595664.716
334	T42	OLD WHANGAE ROAD (2072)	100	24	6646275.184	2607584.976
335	T41	OLD WHANGAE ROAD (2072)	180	13	6646350.986	2607566.431
336	H25	OMAHUTA ROAD (2074)	3320	16	EFER TO REPOR	EFER TO REPOR
337	K06	OMANAIA ROAD (2075)	2860	8	6637373.138	2557663.058
339	K03	OMANAIA ROAD (2075)	4536	13	6638493.931	2558418.219
341	M30	OMAPERE ROAD (2077)	868	3	6644352.136	2582135.175
345	I43	OMAUNU ROAD (2078)	5731	7	6673987.438	2578145.202
346	I44	OMAUNU ROAD (2078)	8902	13	6673666.661	2575982.556
347	I45	OMAUNU ROAD (2078)	11266	12	6671816.328	2575876.392
348	R03	ONEKURA ROAD (2079)	863	6	6667882.629	2588750.227
350	W28	OPAHI STATION ROAD (2082)	321	13	6634934.417	2601415.511
351	S17	OPITO BAY ROAD (2084)	39	2	6667559.122	2602330.2
352	P43	ORAKAU ROAD (2201)	3816	7	6636184.664	2589655.942
353	P44	ORAKAU ROAD (2201)	5495	19	6635072.07	2590864.512
354	P45	ORAKAU ROAD (2201)	5923	11	6635027.867	2591292.705
355	P35	ORAKAU ROAD (2201)	7355	16	6634225.794	2592387.574
356	P36	ORAKAU ROAD (2201)	7685	16	6633985.293	2592629.919
357	P37	ORAKAU ROAD (2201)	8042	15	6633733.6	2592796.152

OFFICIAL INFORMATION ACT UNDER THE RELEASED

FAR NORTH DISTRICT COUNCIL BRIDGES						
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting
358	P38	ORAKAU ROAD (2201)	8760	12	6633232.646	2593213.767
359	P39	ORAKAU ROAD (2201)	9396	9	6632711.76	2593040.944
360	P40	ORAKAU ROAD (2201)	9995	11	6632180.436	2593366.264
361	P41	ORAKAU ROAD (2201)	10257	8	6631933.107	2593480.07
362	P46	ORAKAU ROAD (2201)	15458	12	6632549.456	2597134.061
363	M26	ORIRA ROAD (2089)	78	16	6655695.29	2562250.975
364	T20	OROMAHOE ROAD (2092)	2728	11	6653204.145	2601742.042
365	T21	OROMAHOE ROAD (2092)	3393	16	6653226.67	2602393.319
366	T23	OROMAHOE ROAD (2092)	4348	6	6652868.041	2603265.992
367	A40	OROMANGA ROAD (2093)	525	10	6727229.673	2504672.842
369	E09	ORURU ROAD (2096)	2724	24	6686763.471	2553687.481
371	E23	ORURU ROAD (2096)	7296	37	6683464.428	2556327.118
375	P32	OTAENGA ROAD (2100)	290	6	6624582.545	2586180.183
376	P30	OTAENGA ROAD (2100)	1379	14	6623497.351	2585945.647
377	I03	OTANGAROA ROAD (2103)	257	26	6682097.987	2573925.222
378	I04	OTANGAROA ROAD (2103)	5842	15	6679373.791	2570027.924
379	I05	OTANGAROA ROAD (2103)	8749	44	6677167.62	2568435.747
380	I06	OTANGAROA ROAD (2103)	12885	5	6675358.576	2565775.049
381	I10	OTANGAROA ROAD (SIDE ROAD) (2105)	223	23		
382	N33	OTATARA MARAE ROAD (2106)	450	24	6636622.94	2564989.157
383	N28	OTAUA ROAD (2107)	407	20	6636509.748	2572855.481
384	G19	OTENGI ROAD (2108)	295	10	6645723.907	2545747.169
385	G20	OTENGI ROAD (2108)	953	6	6645203.936	2546045.753
386	B17	OTURU ROAD (2113)	702	10	6678523.483	2536476.398
387	T37	OWAE ROAD (2114)	2881	12	6645507.186	2615512.496
388	T38	OWAE ROAD (2114)	4939	12	6644745.043	2616979.124
389	D01	OWHATA ROAD (2115)	39	4	6656181.384	2529007.629
390	D64	OWHATA ROAD (2115)	1444	4	6655538.221	2528197.968
391	W73	PAIAKA ROAD (2120)	190	13	6633007.763	2614909.266
392	E83	PANTHER ROAD (2128)	24	18	6672682.382	2547183.825
394	W10	PARAHA ROAD (2131)	34	10	6635139.012	2597651.804
395	E22	PARANUI ROAD (2138)	2492	18	6684704.604	2553540.435
397	E29	PARANUI-TOATOA ROAD (3132)	3879	12	6681446.476	2551224.665
398	C29	PARAPARA ROAD (2134)	1985	8	6687955.01	2549937.865
399	C30	PARAPARA ROAD (2134)	3021	11	6687451.811	2549177.189
400	E24	PARAPARA-TOATOA ROAD (2133)	3199	17	6684598.187	2549322.54
401	E30	PARAPARA-TOATOA ROAD (2133)	7489	14	6681307.824	2550745.53
403	N21	PARKERS ROAD (2137)	1242	5	6622900.682	2573853.638
404	N05	PARKERS ROAD (2137)	1525	3	6622877.884	2573576.585
405	G11	PAWARENGA ROAD (2143)	5821	20	6655304.588	2542878.571
406	G13	PAWARENGA ROAD (2143)	8861	10	6653760.163	2541286.522
407	G14	PAWARENGA ROAD (2143)	9630	24	6653190.833	2540964.99
408	G15	PAWARENGA ROAD (2143)	11038	46	6653566.618	2539634.2
409	G16	PAWARENGA ROAD (2143)	14811	39	6651853.133	2536730.137
412	C21	PEKERAU ROAD (2148)	2501	10	6687782.527	2544364.75
413	C24	PEKERAU ROAD (2148)	4298	6	6686683.445	2545513.591
414	C25	PEKERAU ROAD (2148)	5082	6	6685963.83	2545362.379
415	C26	PEKERAU ROAD (2148)	5417	6	6685652.073	2545308.192
416	C27	PEKERAU ROAD (2148)	5656	11	6685434.902	2545391.051
417	C28	PEKERAU ROAD (2148)	6043	9	6685064.482	2545432.537
419	E38	PERIA ROAD (2156)	929	8	6677913.201	2554228.261
420	E41	PERIA ROAD (2156)	1205	10	6677968.198	2553953.561
422	E75	PERIA ROAD (2156)	5254	16	6676879.276	2550878.071
425	E78	PERIA VALLEY ROAD (2157)	3299	22	6674134.419	2550675.647
426	E77	PERIA VALLEY ROAD (2157)	5294	9	6675386.787	2551731.423
428	E57	PERIA VALLEY ROAD (2157)	8840	6	6676314.555	2553870.342
429	E56	PERIA VALLEY ROAD (2157)	10101	9	6676894.545	2554682.006
430	P18	PICADILLY ROAD (2159)	4093	24	6635602.13	2582683.017
432	W04	PIPIWAI ROAD (2164)	1385	11	6631879.864	2599594.285
433	W05	PIPIWAI ROAD (2164)	3943	11	6629762.023	2598902.847
434	W06	PIPIWAI ROAD (2164)	7013	9	6627950.696	2597163.576
435	W07	PIPIWAI ROAD (2164)	8701	10	6626613.31	2597807.328
436	W08	PIPIWAI ROAD (2164)	10514	38	6624849.937	2597993.761
437	W09	PIPIWAI ROAD (2164)	12305	15	6623492.849	2599003.998
438	T04	POKAPU ROAD (2169)	262	16	6643711.742	2600644.787
439	T03	POKAPU ROAD (2169)	1009	13	6643091.127	2600295.32
440	T05	POKAPU ROAD (2169)	3097	22	6641281.605	2599692.955
441	W13	POKAPU ROAD (2169)	3559	37	6640821.356	2599666.195
442	W14	POKAPU ROAD (2169)	4255	19	6640337.478	2599252.979
444	W19	POKAPU ROAD (2169)	7193	12	6637887.118	2598136.996
445	W20	POKAPU ROAD (2169)	7420	10	6637681.58	2598228.975
448	W21	POKAPU ROAD (2169)	12536	11	6633552.266	2597362.689
449	D37	POWELLS ROAD (DIGGERS VALLEY) (2177)	105	19	6661233.712	2533208.888
450	D35	POWELLS ROAD (DIGGERS VALLEY) (2177)	1118	8	6661764.781	2532351.447
451	D50	PUHATA ROAD (2184)	46	9	6658343.539	2530057.738
452	D51	PUHATA ROAD (2184)	1042	6	6657697.185	2530461.387
453	D52	PUHATA ROAD (2184)	1122	8	6657615.681	2530459.07
454	W44	PUHITIA ROAD (2186)	53	10	6631087.846	2604691.212
455	H08	PUKEMIRO ROAD (2188)	361	37	6659968.847	2544665.573
458	M01	PUKEPOTO ROAD (OKAIHAU) (2191)	315	10	6655768.591	2578019.135
459	M02	PUKETI ROAD (2193)	286	37	6656991.367	2576447.474
464	N25	PUNAKITERE LOOP ROAD (2200)	283	36	6637031.737	2574887.113
465	N27	PUNAKITERE LOOP ROAD (2200)	5375	31	6637556.746	2570859.772
467	I17	PUPUKE MANGAPA ROAD (2203)	1648	10	6677664.566	2577279.052
468	I18	PUPUKE MANGAPA ROAD (2203)	5823	45	6675369.118	2575268.477
471	I19	PUPUKE MANGAPA ROAD (2203)	9399	12	6673517.603	2573028.221

OFFICIAL INFORMATION RELEASED UNDER THE

FAR NORTH DISTRICT COUNCIL BRIDGES						
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting
472	I20	PUPUKE MANGAPA ROAD (2203)	13508	14	6670561.582	2570989.753
473	S11	PURERUA ROAD (2205)	670	18	6667630.19	2596447.183
474	S01	PURERUA ROAD (2205)	1860	14	6668492.69	2597147.965
475	B49	PURIRI PLACE (2208)	0	18	6675616.792	2535445.35
478	B16	QUARRY ROAD (AWANUI) (2210)	5683	10	6679128.15	2537169.395
479	M12	QUARRY ROAD (KAIKOHE) (2209)	230	12	6643841.579	2584357.569
480	M18	RAHIRI SETTLEMENT ROAD (2214)	39	50	6656104.639	2571092.748
481	P03	RAKAUTAO ROAD (3024)	201	12	6641696.804	2593995.715
482	N01	RAKAUWAHIA ROAD (2219)	2097	28	6639637.216	2577360.639
483	L09	RAKAUWAHIA ROAD (2219)	4806	10	6640253.011	2574760.183
485	N31	RAMSEY ROAD (2221)	1696	18	6636469.03	2569997.443
487	M19	RANGIAHUA ROAD (2225)	5543	24	6651754.952	2567099.466
488	S03	RANGIHOUA ROAD (2227)	786	9	6672951.461	2606053.863
489	S04	RANGIHOUA ROAD (2227)	1764	9	6672952.931	2606913.075
490	S05	RANGIHOUA ROAD (2227)	2390	3	6672504.909	2607254.893
492	S08	RANGIHOUA ROAD (2227)	4964	10	6670751.797	2608732.02
493	D61	RANGIKOHU ROAD (EPIKAURI ROAD) (2229)	599	28	6660576.046	2529511.369
494	W32	RATA TIPENE ROAD (2238)	133	12	6628455.788	2609503.355
495	X03	RAWHITI ROAD (NORTH) (2240)	1167	12	6659674.841	2626139.58
497	X02	RAWHITI ROAD (SOUTH) (3075)	7031	18	6653934.984	2628930.749
498	X01	RAWHITI ROAD (SOUTH) (3075)	7768	9	6653536.288	2628420.035
500	S02	REDCLIFFS ROAD (2247)	493	16	6667113.312	2598746.246
501	N24	RENWICK ROAD (2252)	1429	9	6631476.378	2573985.416
502	N38	RENWICK ROAD SIDE ROAD (2252)	2550	14	6630480.155	2573527.645
503	B31	ROMA ROAD (2265)	60	9	6668857.577	2526025.06
504	B32	ROMA ROAD (2265)	713	11	6668759.075	2525459.836
505	W51	RUAPEKAPEKA ROAD (2275)	56	7	6634442.206	2613390.4
506	D02	RUAROA ROAD (2276)	1852	9	6674303.408	2541488.151
507	D05	RUAROA ROAD (2276)	6252	50	6670831.402	2542336.113
509	G12	RUNARUNA ROAD (2278)	8993	8	6648296.102	2545133.999
510	W52	RUSK ROAD (3044)	2906	9	6630035.597	2615609.546
511	W71	RUSSEK ROAD (2280)	610	1.8		
512	C22	RUSSELL ROAD (2283)	150	9	6688375.075	2544674.87
517	X12	RUSSELL-WHAKAPARA ROAD (2284)	8876	17	6655117.984	2619150.105
519	A25	SALVATION ROAD (HOUHORA) (2290)	720	8		
520	I02	SALVATION ROAD (WHANGAROA) (2289)	2668	9	6686319.045	2571778.789
521	B14	SANDHILLS ROAD (2292)	15549	12	6682216.775	2531696.66
524	I14	SCHOOL ROAD (TOTARA NORTH) (3122)	192	13	6684286.127	2575966.345
525	T28	SETTLEMENT ROAD (2304)	1500	9	6644297.369	2606564.214
528	E01	SILVER EGG ROAD (2315)	177	8	6690321.701	2559007.937
529	C07	SIMON URLICH ROAD (2316)	730	9	6701224.651	2544606.788
531	A36	SPAINS ROAD (2334)	1876	14	6684913.8	2532233.351
532	S10	STANNERS ROAD (2340)	994	10	6669010.005	2594223.248
534	N04	STEWARDS ROAD (2345)	209	23	6630508.943	2579042.314
536	F09	STONEY CREEK ROAD (2346)	5468	2	6692092.491	2565305.34
537	F10	STONEY CREEK ROAD (2346)	6860	2.1		
538	B47	STURMFEL ROAD (2349)	1491	2	6672677.342	2541284.957
539	E82	SWITZER ROAD (2353)	8	11	6676149.969	2546796.458
541	L04	TAHEKE ROAD (2359)	3968	25		
542	L05	TAHEKE ROAD (2359)	4994	14	6641497.193	2567104.652
544	J06	TAITA ROAD (2368)	1275	14	6628058.662	2554895.033
545	J16	TAITA ROAD (2368)	5525	8	6628749.052	2556422.38
546	D03	TAKAHUE ROAD (2371)	435	11	6673036.415	2543784.198
547	D04	TAKAHUE ROAD (2371)	1798	12	6671925.867	2542985.978
548	D06	TAKAHUE ROAD (2371)	3062	9	6670768.29	2542541.485
549	D12	TAKAHUE ROAD (2371)	5146	12	6668755.215	2542841.255
550	D13	TAKAHUE ROAD (2371)	5537	38	6668599.633	2542544.456
551	D14	TAKAHUE ROAD (2371)	6187	19	6668096.454	2542261.664
553	D19	TAKAHUE SADDLE ROAD (BROADWOOD) (23	1601	10	6661203.875	2545568.54
554	D20	TAKAHUE SADDLE ROAD (BROADWOOD) (23	2359	7	6661740.741	2545679.812
555	P51	TANA ROAD (2377)	218	12	6642043.616	2595801.023
556	W63	TAPUHI ROAD (2384)	612	25	6630962.57	2619776.866
557	W64	TAPUHI ROAD (2384)	2144	22	6632018.814	2619959.21
558	W65	TAPUHI ROAD (2384)	3271	10	6632849.125	2620165.596
559	W66	TAPUHI ROAD (2384)	7933	11	6635651.132	2619790.957
561	W69	TAPUHI ROAD (2384)	10042	9	6637673.605	2620586.815
562	I38	TARAIRE ROAD (2387)	2349	10	6678364.593	2586937.573
563	D60	TATANA ROAD (2392)	751	9	6662139.053	2529418.792
564	C31	TAUMATA ROAD (2394)	108	28	6687116.961	2548975.443
565	C32	TAUMATA ROAD (2394)	2286	8	6685997.878	2547344.382
566	C33	TAUMATA ROAD (2394)	3495	13	6684975.381	2547241.164
567	C34	TAUMATA ROAD (2394)	5158	13	6683546.128	2546671.853
568	F01	TAUPO BAY ROAD (2398)	2300	12	6690200.324	2568645.61
569	F02	TAUPO BAY ROAD (2398)	3626	11	6690204.822	2569722.08
570	F04	TAUPO BAY ROAD (2398)	10011	6	6690162.979	2575276.432
571	I31	TAURANGA BAY BEACH ROAD (2399)	18	16	6685753.583	2584371.997
572	I29	TAURANGA BAY ROAD (2400)	148	4	6685846.46	2584279.981
573	I30	TAURANGA BAY ROAD (2400)	1621	8	6686926.729	2583483.386
574	G25	TAUTORO ROAD (2402)	131	12	6646635.775	2545741.769
576	N03	TAWATA ROAD (3182)	316	12		
577	E26	TAYLOR ROAD (2405)	33	10	6682616.239	2553818.87
578	E28	TAYLOR ROAD (2405)	2419	12	6680880.062	2554184.756
579	A13	TE AHU ROAD (2408)	370	10	6727186.649	2507639.053
583	A05	TE HAPUA ROAD (2411)	2126	13	6743704.901	2497502.84
584	H43	TE HUAHUA ROAD (2413)	1382	4	6650253.691	2554634.078
585	P50	TE IRENGA ROAD (2415)	400	4	6638596.6	2581687.001

RELEASED UNDER THE OFFICIAL INFORMATION ACT

FAR NORTH DISTRICT COUNCIL BRIDGES						
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting
586	E53	TE KAROA ROAD (2418)	89	25	6675536.096	2560635.336
587	E54	TE KAROA ROAD (2418)	466	8	6675194.316	2560759.004
588	T19	TE KARUWHA PARADE (2420)	622	162	6657931.654	2609066.99
589	E08	TE MOHO ROAD (3152)	207	3	6686603.49	2549988.055
590	A09	TE PAKI STREAM ROAD (2424)	1489	11	6743042.894	2491738.969
594	D11	TE RORE ROAD	4900	1.8		
596	D09	TE RORE ROAD (2430)	7710	6	6672420.08	2546600.882
597	M27	TE TIO ROAD (2432)	1589	18	6655776.355	2562220.371
599	I51	TIPA TIPA ROAD (2444)	7640	31	6678644.407	2569026.51
600	W42	TIPENE ROAD (2445)	895	10	6632163.711	2604550.328
601	W43	TIPENE ROAD (2445)	1187	9	6631888.706	2604482.282
602	M07	TOIA ROAD (2451)	1726	12	6648155.215	2579593.448
603	P33	TOKAWHERO ROAD (2452)	3265	16	6624436.294	2589007.134
604	P34	TOKAWHERO ROAD (2452)	5425	9	6624257.767	2590438.834
608	I50	TOTARA NORTH ROAD (2454)	2995	12	6684423.968	2576493.352
609	I53	PORTERS ACCESS ROAD EXTENSION	140	16	6684113.877	2582345.73
610	E81	TRACEY ROAD (2458)	315	8	6673462.224	2550346.357
611	A28	TURK VALLEY ROAD (3302)	345	3		
612	R26	UPOKORAU ROAD (2471)	279	32	6673206.2	2585864.887
613	R08	VALENCIA LANE (2473)	354	5	6660914.492	2593382.968
614	E85	VICTORIA VALLEY ROAD (2478)	460	46	6672648.996	2547919.894
616	R10	WAIARE ROAD (2484)	14650	20	6663374.938	2583600.117
617	R09	WAIARE ROAD (2484)	15569	24	6664024.012	2583591.443
618	R25	WAIARE ROAD (2484)	25965	25	6672054.191	2582960.845
619	R24	WAIARE ROAD (2484)	27197	48	6672520.996	2583881.673
620	R23	WAIARE ROAD (2484)	33367	11	6675505.988	2583648.331
621	R22	WAIARE ROAD (2484)	33491	52	6675624.277	2583616.778
622	R21	WAIARE ROAD (2484)	34490	36	6676533.673	2583471.632
623	I08	WAIHAPA ROAD (2486)	1637	6	6679000.194	2573230.612
624	I09	WAIHAPA ROAD (2486)	2094	6	6678503.843	2573258.736
625	R18	WAIKARAMU ROAD (2488)	2790	8	6651577.956	2592951.157
629	T36	WAIKARE ROAD (2491)	5980	7	6647104.054	2615428.414
631	X14	WAIKARE ROAD (2491)	15142	13	6649718.709	2620669.467
632	X15	WAIKARE ROAD (2491)	17006	25	6650417.196	2622284.933
634	X06	WAIKARE ROAD (2491)	17870	17	6651048.721	2622829.287
635	X07	WAIKARE ROAD (2491)	18838	11	6651976.319	2622899.2
636	X08	WAIKARE VALLEY ROAD (2485)	2240	30.0		
637	T32	WAIKINO ROAD (2493)	50	17	6647403.341	2614612.403
638	I58	WAIKOURA ROAD (2494)	993	3	6680413.474	2580877.356
639	R07	WAIKUKU ROAD (2495)	2213	12	6653939.794	2588252.04
641	N30	WAIMA VALLEY ROAD (2497)	2986	13	6636802.529	2565649.709
642	T08	WAIMANGARO ROAD (3174)	0	8	6653549.5	2611242.9
644	R15	WAIMATE NORTH ROAD (2500)	5051	8		
645	R16	WAIMATE NORTH ROAD (2500)	7518	35	6655653.291	2592850.547
646	R17	WAIMATE NORTH ROAD (2500)	9999	6	6654434.392	2592308.086
649	P15	WAIMATENUI / MATARAUA ROAD (2600)	5470	33	6636209.138	2581709.952
651	N08	WAIMATENUI / MATARAUA ROAD (2600)	7110	8	6634808.753	2581168.663
654	N10	WAIMATENUI / MATARAUA ROAD (2600)	11713	6	6631088.41	2579689.542
655	N12	WAIMATENUI / MATARAUA ROAD (2600)	13552	8	6629639.005	2579404.655
656	N13	WAIMATENUI / MATARAUA ROAD (2600)	14658	9	6628833.498	2579053.245
657	N14	WAIMATENUI / MATARAUA ROAD (2600)	15617	19	6628239.158	2578366.392
658	N15	WAIMATENUI / MATARAUA ROAD (2600)	16735	73	6627427.218	2577820.033
659	N16	WAIMATENUI / MATARAUA ROAD (2600)	16978	48	6627308.974	2577624.537
660	N18	WAIMATENUI / MATARAUA ROAD (2600)	18514	16	6626350.077	2576963.657
661	N19	WAIMATENUI / MATARAUA ROAD (2600)	24864	13	6622560.909	2575201.697
663	I22	WAINUI ROAD (2503)	4095	5	6683142.339	2582517.836
664	I23	WAINUI ROAD (2503)	5000	22	6683836.76	2583066.117
665	I24	WAINUI ROAD (2503)	8339	22	6685548.413	2585070.888
666	I25	WAINUI ROAD (2503)	13087	10	6687957.573	2587239.54
667	I65	WAINUI VALLEY ROAD (2504)	230	4	6686707.029	2588880.808
668	I26	WAINUI-MATAURI BAY ROAD (2505)	28	10	6686927.073	2588909.078
669	I27	WAINUI-MATAURI BAY ROAD (2505)	2066	8	6686058.047	2590192.495
670	D15	WAIOTEHUE ROAD (2509)	304	12	6666716.535	2541789.729
671	D25	WAIOTEHUE ROAD (2509)	6383	25	6664719.505	2538997.414
672	D28	WAIOTEHUE ROAD (2509)	9982	9	6663146.018	2538159.425
673	D29	WAIOTEHUE ROAD (2509)	11587	25	6662218.463	2538848.773
675	J09	WAIOTEMARAMA GORGE ROAD (2510)	1058	14	6633232.197	2548946.132
676	J10	WAIOTEMARAMA GORGE ROAD (2510)	1331	9	6633076.549	2549154.175
677	J11	WAIOTEMARAMA GORGE ROAD (2510)	2126	12	6632500.065	2549508.687
678	J12	WAIOTEMARAMA GORGE ROAD (2510)	6406	14	6629755.472	2550382.423
681	I28	WAITAPU CREEK ROAD (3340)	42	12		
684	T01	WAKELIN ROAD (2520)	3921	3	6657335.394	2601777.01
685	E84	WALLACE ROAD (VIC VALLEY) (2602)	37	8	6675129.7	2548041.75
686	M10	WALLIS ROAD (2524)	896	12	6645942.516	2585315.515
688	I15	WEBER WAIHAPA ROAD (2532)	1666	4	6680625.782	2573521.364
689	I16	WEBER WAIHAPA ROAD (2532)	1995	2	6680472.742	2573800.872
690	UN29	WEBER WAIHAPA ROAD (2532)	5350	2.0		
691	J01	WEKAWEKA ROAD (2535)	972	55	6626465.772	2555624.182
692	J02	WEKAWEKA ROAD (2535)	2078	6	6626451.54	2556668.181
694	J03	WEKAWEKA ROAD (2535)	4034	13	6625408.098	2557860.797
695	J15	WEKAWEKA ROAD (2535)	7125	4	6625554.815	2560307.281
696	J14	WEKAWEKA ROAD (2535)	7139	12	6625552.864	2560320.722
697	J04	WEKAWEKA ROAD (2535)	9130	10	6625202.691	2562094.527
699	J05	WEKAWEKA ROAD (2535)	14439	8	6625753.117	2565186.839
703	H02	WEST COAST ROAD (KOHUKOHU) (2543)	12258	58	6648673.495	2550929.204
706	G02	WEST COAST ROAD (KOHUKOHU) (2543)	21552	13	6646871.979	2545573.32

OFFICIAL INFORMATION RELEASED UNDER THE

FAR NORTH DISTRICT COUNCIL BRIDGES						
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting
707	G01	WEST COAST ROAD (KOHUKOHU) (2543)	25150	37	6643712.616	2545498.496
708	G03	WEST COAST ROAD (KOHUKOHU) (2543)	28637	11	6642661.812	2543737.332
709	G04	WEST COAST ROAD (KOHUKOHU) (2543)	29764	11	6641770.265	2543155.507
712	G05	WEST COAST ROAD (KOHUKOHU) (2543)	38534	18	6640497.137	2536672.924
713	A27	WHALERS ROAD (2553)	679	14	6706907.15	2522812.502
714	T24	WHANGAE ROAD (2554)	3238	18	6649159.884	2606800.978
715	T12	WHANGAE ROAD (2554)	5253	5	6650864.808	2605879.736
716	D62	WHANGAPE ROAD (2555)	3254	9	6656814.96	2529607.59
717	D63	WHANGAPE ROAD (2555)	3379	8	6656700.322	2529628.054
721	N11	WHAREPUNGA ROAD (2563)	249	22	6630842.832	2579267.37
722	N22	WHAREPUNGA ROAD (2563)	829	16	6631061.584	2578722.784
723	K04	WIKAIRAS ROAD (2606)	249	22	6636302.162	2552862.956
724	F11	WINDUST ROAD (2582)	247	10	6687655.471	2565857.978
727	R14	WIROA ROAD (2586)	7847	8	6658293.686	2588639.327
728	B35	WRECK BAY ROAD (2589)	532	9	6669116.615	2521795.294
729	C35	ZIDICH ROAD	10	1.8		

RELEASED UNDER THE OFFICIAL INFORMATION ACT

STATE HIGHWAY SINGLE LANE BRIDGES IN NORTHLAND & AUCKLAND NORTH

Far North District				
1N	0/8.87	89	Te Werahi Stream Bridge	9.14
1N	0/16.62	166	Waitiki Stream Bridge	25.1
1N	20/15.74	357	Mitimiti Stream Bridge No 176	13.1
1N	20/21.57	416	Te Kao Stream Bridge No 178	22.2
1N	44/9.69	536	Reids Bridge No 184 (Te Awhia Stream)	10.9
1N	149/14.79	1638	Waihou River (Rangiahua) Bridge No 50	61
10	33/11.79	448	Kaeo River Bridge No 665	49.2
10	79/3.59	826	Taipa Bridge No 272	106.7
11	0/3.09	31	Tirohanga Stream Bridge	29.9
12	17/11.85	289	Taheke Bridge No 569	64
12	74/1.22	752	Waimamaku River (Lowes) Bridge No 598	47.2
12	74/3.38	774	Waimamaku River (Hallahans) Bridge No 600	55.3
12	89/3.98	930	Darby & Joan Kauri Bridge	17.3
				511.04
Kaipara District				
12	185/12.12	1971	Andersons Bridge No 148	24.7
12	185/13.37	1984	Matakohe River (Hardies) Bridge No 149	61.7
				86.4

RELEASED UNDER THE OFFICIAL INFORMATION ACT

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Gail Wilson

From: Gail Wilson
Sent: Friday, 6 March 2015 3:57 p.m.
To: matthew.skinner@parliament.govt.nz
Cc: Ernst Zollner; Brett Gliddon; Official Correspondence; Andrew Martin; Chris Gasson; Martin Taylor; Paul Glucina; Tim Crow; Jim Sephton; Jacqui Hori-Hoult; Nick Coxhill
Subject: FW: Draft email to Min Office
Attachments: SH bridge replacement costs.xlsx; SH bridge map.jpg; FNDC bridge replacement costs.xlsx

Hi Matt

Here's the info requested on bridge replacement costs. Please note the following:

Local road bridges

- Your office has asked information on bridges on local roads which are not controlled by the Transport Agency. The information we are providing you has been given to us by the council's consultants. We cannot confirm the accuracy of it.
- The Old Tokatoka bridge upgrade project is actually a Whangarei District Council bridge project. This bridge is not being replaced to two lanes, but simply upgraded to maintain current level of service. It is located off Waiotira Rd, 30km southwest of Whangarei. The RLTP includes $457,000 for an upgrade in 2016/17.
- The Thompson Road bridge upgrade project is also a Whangarei District Council bridge project. This bridge is not being replaced to two lanes, but simply upgraded to maintain current level of service. It is located off Mangapai Rd, 20km southwest of Whangarei. The RLTP includes $400,000 for an upgrade in 2015/16.

You asked the following: *Could you also find out everything you can on the FNDC Bridge Replacements 2015–18, and the WDC HPMV Bridge Upgrades, and send this through as soon as you can.* Our response is as follows:

With the increasing demands from various industries and heavier vehicles, a robust programme of bridge replacements and upgrades is essential. Upgrades are required for several weight restricted bridges on forestry routes where current posted restrictions restrict the access by logging associate activities.
A programme of approx. 3 bridges per year is to be developed/confirmed.

FNDC Bridge Replacements 2015–18
The RLTP includes $2 million in year two and three combined for bridge upgrades in FNDC. Year one is to develop the programme.

WDC HPMV Bridge Upgrades
The Mangakahia route is operational currently as 50MAX (HPMV). Whangarei District Council has requested funding to upgrade the bridges on this route to full HPMV.
The NZTA's matrix shows this as a route not suitable for full HPMV due to soils and pavement cracking. The project is not likely to be funded until 2018/21 when the pavement issues are resolved.
No impact on freight.

State highway bridges

- The attached table shows the estimated costs of bridge replacements only, assuming replacing a single-lane bridge with a two-lane structure. It does not include any additional civil works associated with realignments on existing state highways.
- Please also treat all 'cost estimates' with some care; for example, cost estimates that relate to bridge replacements are just that – no detailed investigation or design has been undertaken.
- The cost estimates are based on standard unit rates.
- The upper range shown in the attached table represents a contingency allowance.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

- There is a difference in costs for the Matakohe bridge between the attached table and the information provided to your office with details of RLTP projects. The attached table is the cost to replace the bridge in its current location only. The cost shown in the RLTP is to construct a new bridge in a different location and associated road realignment works.
- Kaeo River and Taipa Bridge bridges: the costs in the attached table and those provided in the information on the RLTP projects represent a bridge replacement only. No work has been undertaken on any road realignment work.
- The single lane Darby and Joan bridge goes between two kauri trees in the Waipoua Kauri forest to protect the roots of those two trees, and cannot and should not be widened.

Gail Wilson / Senior Adviser Official Information
Official Correspondence Unit

DDI 64 4 894 6283
E gail.wilson@nzta.govt.nz / w nzta.govt.nz

National Office / Victoria Arcade, 50 Victoria Street,
Private Bag 6995, Wellington 6141, New Zealand

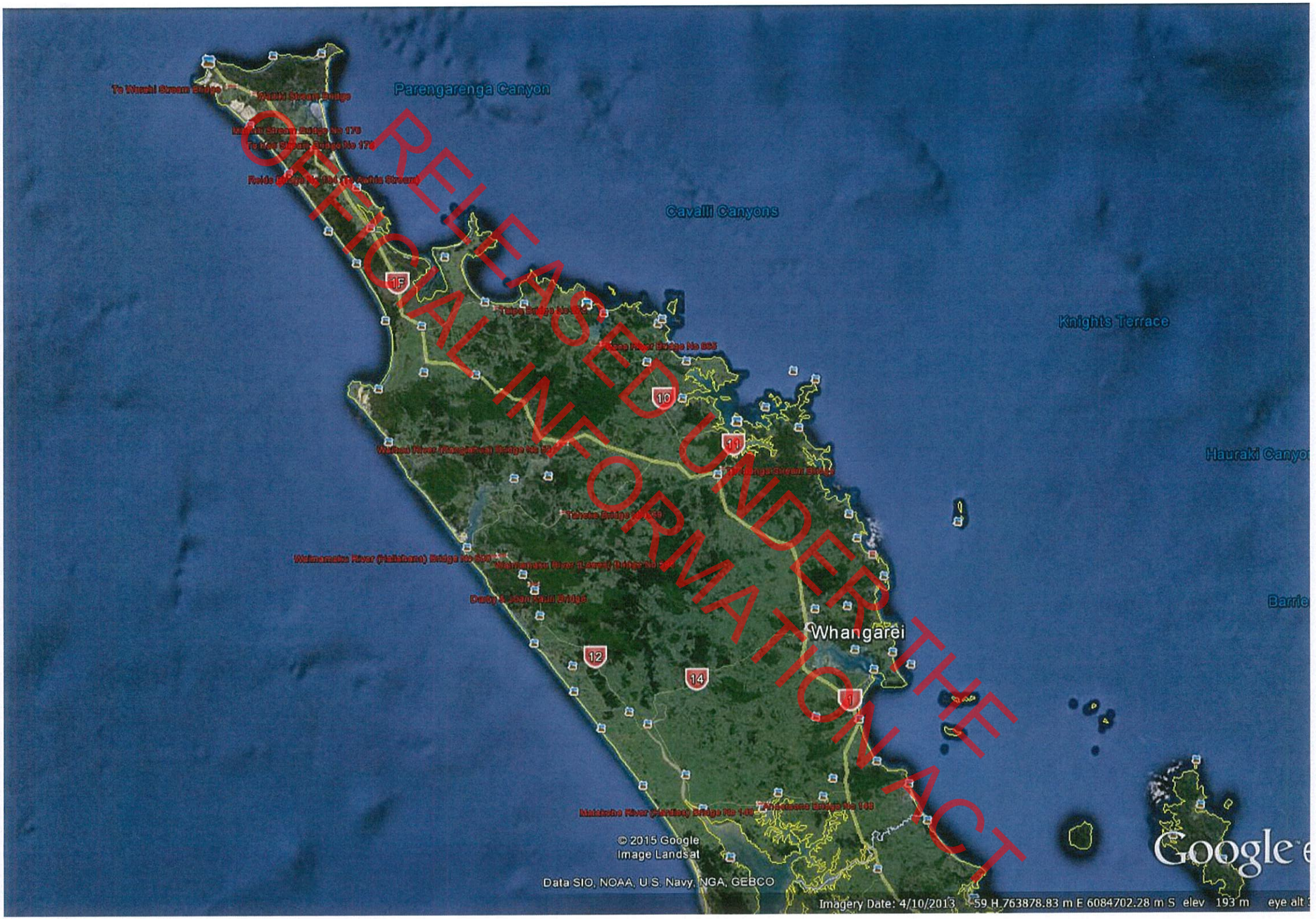
NZ TRANSPORT AGENCY
WAKA KOTAHI

RELEASED UNDER THE OFFICIAL INFORMATION ACT

STATE HIGHWAY SINGLE LANE BRIDGES IN NORTHLAND & AUCKLAND NORTH

SH	RP	BSN	Name	Length	Approx cost to replace	Upper estimate
Far North District						
1N	0/8.87	89	Te Werahi Stream Bridge	9.14	$70,000	$ 200,000
1N	0/16.62	166	Waitiki Stream Bridge	25.1	$1,500,000	$ 3,300,000
1N	20/15.74	357	Mitimiti Stream Bridge No 176	13.1	$1,000,000	$ 2,200,000
1N	20/21.57	416	Te Kao Stream Bridge No 178	22.2	$1,600,000	$ 3,500,000
1N	44/9.69	536	Reids Bridge No 184 (Te Awhia Stream)	10.9	$600,000	$ 1,300,000
1N	149/14.79	1638	Waihou River (Rangiahua) Bridge No 50	61	$4,000,000	$ 8,600,000
10	33/11.79	448	Kaeo River Bridge No 665	49.2	$3,200,000	$ 6,900,000
10	79/3.59	826	Taipa Bridge No 272	106.7	$6,000,000	$ 12,900,000
11	0/3.09	31	Tirohanga Stream Bridge	29.9	$2,100,000	$ 4,600,000
12	17/11.85	289	Taheke Bridge No 569	64	$4,200,000	$ 9,100,000
12	74/1.22	752	Waimamaku River (Lowes) Bridge No 598	47.2	$3,100,000	$ 6,700,000
12	74/3.38	774	Waimamaku River (Hallahans) Bridge No 600	55.3	$3,600,000	$ 7,800,000
12	89/3.98	930	Darby & Joan Kauri Bridge	17.3	NA	
				511.04		
Kaipara District						
12	185/12.12	1971	Andersons Bridge No 148	24.7	$1,800,000	$ 3,900,000
12	185/13.37	1984	Matakohe River (Hardies) Bridge No 149	61.7	$3,900,000	$ 8,400,000
				86.4		
			TOTAL		$36,670,000	$ 79,400,000

RELEASED UNDER THE OFFICIAL INFORMATION ACT



RELEASED UNDER THE OFFICIAL INFORMATION ACT

FAR NORTH DISTRICT COUNCIL BRIDGES								
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting	Approx cost to replace	Upper Limit Estimate
Single Lane bridges								
1	H38	ABRAHAM ROAD (3299)	25	4	6666259.934	2560154.774	$126,000	$ 200,000
2	F03	AKATERE ROAD (3140)	11	17	6690162.636	2569008.435	$510,000	$ 600,000
3	W61	AKERAMA ROAD (1490)	237	16	6633033.872	2617007.466	$480,000	$ 600,000
4	E14	APUTEREWA ROAD (1499)	561	9	6684455.812	2558586.321	$270,000	$ 400,000
5	G09	AWAROA ROAD (1513)	6538	48	6671149.935	2529952.877	$1,440,000	$ 1,700,000
6	K01	AYRTONS ACCESS ROAD (1514)	203	9			$270,000	$ 400,000
7	E05	BACKRIVER ROAD (1516)	2298	12	6684474.573	2557786.646	$360,000	$ 500,000
8	E04	BACKRIVER ROAD (1516)	2599	7	6684547.888	2558035.751	$220,500	$ 300,000
9	E11	BACKRIVER ROAD (1516)	4791	12	6685259.668	2559335.094	$360,000	$ 500,000
10	E12	BACKRIVER ROAD (1516)	5453	8	6685665.501	2559611.33	$240,000	$ 300,000
11	E13	BACKRIVER ROAD (1516)	6561	7	6686361.538	2560209.768	$220,500	$ 300,000
12	E20	BACKRIVER ROAD (1516)	8134	11	6687602.952	2560016.248	$330,000	$ 400,000
13	E21	BACKRIVER ROAD (1516)	8409	28	6687654.49	2560279.439	$840,000	$ 1,000,000
14	E19	BARRIBALL ROAD (ORURU) (1523)	1104	8	6685600.241	2556042.78	$240,000	$ 300,000
15	E72	BECKHAM ROAD (1528)	101	22	6677643.166	2548769.98	$660,000	$ 800,000
16	E87	BLUE GORGE ROAD (3220)	1245	8	6677897.333	2552251.119	$240,000	$ 300,000
17	B21	BONNETTS ROAD (1549)	3208	28	6676969.321	2531420.183	$840,000	$ 1,000,000
18	B06	BRASS ROAD (1555)	4147	2			$63,000	$ 100,000
19	H13	BROADWOOD ROAD (1560)	3374	8	6663222.26	2597178.564	$240,000	$ 300,000
20	H14	BROADWOOD ROAD (1560)	5645	14	6659304.439	2550143.821	$420,000	$ 500,000
21	H15	BROADWOOD ROAD (1560)	6554	9	6658747.473	2549666.711	$270,000	$ 400,000
22	H34	BROADWOOD ROAD (1560)	10079	12	6660096.962	2547021.659	$360,000	$ 500,000
23	B10	BROTT ROAD (1561)	1691	13	6682383.786	2533016.287	$390,000	$ 500,000
24	P13	BROWNS ROAD (TE IRENGA) (1563)	1300	5	6638666.103	2582992.243	$157,500	$ 200,000
25	W60	BROWNS ROAD (TOWAI) (1562)	447	10	6632365.887	2614499.354	$300,000	$ 400,000
26	E40	BURMA ROAD (1568)	99	11	6678218.586	2553812.08	$330,000	$ 400,000
27	W50	CALLAGHANS ROAD (1574)	79	8	6634730.162	2610126.885	$240,000	$ 300,000
28	E31	CAMPBELL ROAD (TOATOA) (1577)	826	8	6681048.232	2550486.715	$240,000	$ 300,000
29	H07	CARMENS ROAD (1583)	49	29	6660013.391	2547030.453	$870,000	$ 1,100,000
30	D17	CARR ROAD (1584)	1285	8	6665920.773	2541629.393	$240,000	$ 300,000
31	C19	CHAMPIONS ROAD (1591)	353	28	6682583.546	2544909.668	$840,000	$ 1,000,000
32	P04	CHERRINGTON ROAD (1593)	167	9	6643232.062	2596996.152	$270,000	$ 400,000
33	C13	CHURTONS ROAD (1601)	127	23	6685342.933	2541893.511	$690,000	$ 900,000
34	B23	CLOUGH ROAD (1607)	375	21	6676062.505	2540693.908	$630,000	$ 800,000
35	B22	CLOUGH ROAD (1607)	1965	9	6677053.627	2539634.678	$270,000	$ 400,000
36	H26	CRALLANS ROAD (1617)	116	25	6663199.671	2560604.053	$750,000	$ 900,000
37	P06	CUMBER ROAD (1622)	152	16	6641835.883	2584495.228	$480,000	$ 600,000
38	P48	CUMBER ROAD SIDE ROAD (3005)	152	8			$240,000	$ 300,000
39	K07	CURTIS ROAD (1623)	805	5	6640130.54	2558895.953	$157,500	$ 200,000
40	E32	DANGEN ROAD (1624)	132	36	6680086.61	2557481.126	$1,080,000	$ 1,300,000
41	W15	DAVIS ROAD (1627)	90	9	6640805.298	2599754.664	$270,000	$ 400,000
42	W16	DAVIS ROAD (1627)	309	6	6640707.017	2599955.587	$189,000	$ 300,000
43	P05	DAVEY ROAD (1629)	96	5	6643242.685	2598993.593	$157,500	$ 200,000
44	D39	DIGGERS VALLEY ROAD (1639)	306	12	6659959.02	2532172.539	$360,000	$ 500,000
45	D38	DIGGERS VALLEY ROAD (1639)	1431	10	6660831.419	2532884.143	$300,000	$ 400,000
46	D34	DIGGERS VALLEY ROAD (1639)	2932	8	6661782.896	2533734.417	$240,000	$ 300,000
47	D33	DIGGERS VALLEY ROAD (1639)	3536	19	6662259.748	2534058.704	$570,000	$ 700,000
48	D32	DIGGERS VALLEY ROAD (1639)	3979	8	6662473.929	2534390.121	$240,000	$ 300,000
49	D30	DIGGERS VALLEY ROAD (1639)	4313	16	6662526.886	2534714.592	$480,000	$ 600,000
50	D31	DIGGERS VALLEY ROAD (1639)	4439	17	6662586.78	2534829.6	$510,000	$ 600,000
51	D24	DIGGERS VALLEY ROAD (1639)	6082	8	6663650.247	2535222.195	$240,000	$ 300,000
52	D23	DIGGERS VALLEY ROAD (1639)	8663	9	6664887.183	2536432.693	$270,000	$ 400,000
53	D22	DIGGERS VALLEY ROAD (1639)	11661	9	6667077.544	2536561.841	$270,000	$ 400,000
54	D21	DIGGERS VALLEY ROAD (1639)	12949	12	6667684.045	2536660.154	$360,000	$ 500,000
55	D08	DIGGERS VALLEY ROAD (1639)	16504	9	6668624.401	2539093.517	$270,000	$ 400,000
56	D07	DIGGERS VALLEY ROAD (1639)	19967	11	6670073.35	2541235.426	$330,000	$ 400,000
57	I46	DIP ROAD (1640)	16	11	6677742.833	2581268.53	$330,000	$ 400,000
58	A33	DOEL ROAD (WAIPAPAKAURI) (1642)	581	17	6686800.821	2532727.124	$510,000	$ 600,000
59	B38	DONALD LANE (3008)	280	32	6678054.413	2534796.416	$960,000	$ 1,200,000
60	K02	DUDDY ROAD (1652)	1911	7	6638517.768	2560706.281	$220,500	$ 300,000
61	C14	DUNCAN ROAD (KAINGAROA) (1656)	1520	9	6685253.003	2541809.968	$270,000	$ 400,000
62	C15	DUNCAN ROAD (KAINGAROA) (1656)	4685	32	6683879.531	2543614.773	$960,000	$ 1,200,000
63	C16	DUNCAN ROAD (KAINGAROA) (1656)	5763	19	6683590.676	2544525.081	$570,000	$ 700,000
64	E70	DUNCAN ROAD (KAINGAROA) (1656)	14861	9	6685376.602	2541430.405	$270,000	$ 400,000
65	E71	DUNCAN ROAD (KAINGAROA) (1656)	15839	27	6685882.146	2540634.862	$810,000	$ 1,000,000
66	E61	DUTTON ROAD (1659)	201	10	6674548.979	2555944.236	$300,000	$ 400,000
67	S18	EDMONDS ROAD (1666)	1173	7	6664654.187	2603134.023	$220,500	$ 300,000
68	E80	EDWARDS ROAD (1667)	12	9	6674284.827	2550798.362	$270,000	$ 400,000
69	E67	FAIRBURN ROAD (1676)	3280	8	6675810.371	2544545.841	$240,000	$ 300,000
70	E66	FAIRBURN ROAD (1676)	5832	12	6676897.894	2546127.067	$360,000	$ 500,000
71	E43	FERN FLAT ROAD (1683)	578	8	6678038.052	2558393.826	$240,000	$ 300,000
72	E45	FERN FLAT ROAD (1683)	1275	5	6677674.088	2557922.739	$157,500	$ 200,000
73	E46	FERN FLAT ROAD (1683)	2703	28	6676679.028	2558005.678	$840,000	$ 1,000,000
74	E47	FERN FLAT ROAD (1683)	3562	9	6676179.702	2558583.384	$270,000	$ 400,000
75	E48	FERN FLAT ROAD (1683)	4892	14	6676081.609	2559633.354	$420,000	$ 500,000
76	E49	FERN FLAT ROAD (1683)	5847	36	6675801.859	2560348.316	$1,080,000	$ 1,300,000
77	E50	FERN FLAT ROAD (1683)	6233	12	6675641.928	2560674.674	$360,000	$ 500,000
78	E51	FERN FLAT ROAD (1683)	6419	12	6675704.769	2560837.864	$360,000	$ 500,000
79	E52	FERN FLAT ROAD (1683)	7019	16	6675577.493	2561278.514	$480,000	$ 600,000
80	E63	FISHER-RILEY ROAD (1684)	57	28	6676694.097	2544846.463	$840,000	$ 1,000,000
81	E64	FISHER-RILEY ROAD (1684)	174	6	6676793.096	2544910.214	$189,000	$ 300,000
82	B07	FORESHORE ROAD (AHIPARA) (1692)	228	36	6670067.557	2524541.849	$1,080,000	$ 1,300,000
83	M03	FOREST ROAD (1693)	707	31	6657317.115	2573724.139	$930,000	$ 1,100,000
84	B27	FRYER ROAD (1699)	211	9	6674826.704	2537656.403	$270,000	$ 400,000
85	P25	GAMMONS ROAD (1701)	2810	13	6627350.075	2584182.745	$390,000	$ 500,000
86	P26	GAMMONS ROAD (1701)	4308	16	6626448.987	2583562.808	$480,000	$ 600,000
87	P27	GAMMONS ROAD (1701)	7210	3	6625551.146	2582054.971	$94,500	$ 200,000
88	P52	GERRARD ROAD (3196)	366	11	6631483.653	2593577.572	$330,000	$ 400,000
89	B11	GILLS ROAD (AWANUI) (1705)	1391	32	6682888.646	2533234.598	$960,000	$ 1,200,000
90	S19	GOLF VIEW ROAD (1708)	315	25	6663790.888	2596817.144	$750,000	$ 900,000
91	N35	GRAHAM ROAD (1712)	325	18	6635758.966	2573447.163	$540,000	$ 700,000
92	H06	GROUNDS ROAD (1720)	84	24	6660402.478	2595661.15	$720,000	$ 900,000
93	M28	GROVE ROAD (1721)	133	14	6656182.395	2562319.281	$420,000	$ 500,000
94	G10	GUEST ROAD (1723)	91	9	6645708.508	2550374.599	$270,000	$ 400,000
95	D27	GURR ROAD (1726)	87	10	6666751.395	2541994.855	$300,000	$ 400,000
96	L14	GUTHRIE ROAD (1727)	610	2	6640510.022	2568699.343	$63,000	$ 100,000
97	W62	HAILE ROAD (1729)	201	15	6634155.776	2616585.018	$450,000	$ 600,000
98	J07	HANSEN ROAD (WAIMAMAKU) (1732)	149	6			$189,000	$ 300,000
99	M25	HARRISON ROAD (1739)	14	24	6650497.144	2574365.27	$720,000	$ 900,000
100	D48	HAUMANGA ROAD (3058)	376	5	6658445.98	2536685.932	$157,500	$ 200,000
101	D49	HAUMANGA ROAD (3058)	2289	8	6657206.787	2536954.393	$240,000	$ 300,000
102	A31	HEATH ROAD (1751)	447	8	6691877.468	2529604.493	$240,000	$ 300,000
103	W41	HENARE ROAD (1753)	871	10	6633915.963	2604625.736	$300,000	$ 400,000
104	R27	HERBERT ROAD (WAIARE) (1757)	111	6	6672099.63	2582889.461	$189,000	$ 300,000
105	G31	HICKS ROAD (1758)	794	9	6657781.561	2541247.679	$270,000	$ 400,000

OFFICIAL INFORMATION RELEASED UNDER THE ACT

FAR NORTH DISTRICT COUNCIL BRIDGES

	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting	Approx cost to replace	Upper Limit Estimate
106	F08	HIHI ROAD (1759)	61	8	6688597.554	2563120.04	$240,000	$ 300,000
107	F07	HIHI ROAD (1759)	2380	19	6690403.452	2562226.816	$570,000	$ 700,000
108	F06	HIHI ROAD (1759)	2957	17	6690691.018	2561729.099	$510,000	$ 600,000
109	F14	HIHI ROAD (1759)	4389	10	6691793.28	2560920.423	$300,000	$ 400,000
110	F05	HIHI ROAD (1759)	5115	9	6691866.418	2560286.733	$270,000	$ 400,000
111	G06	HOHAIA ROAD (3330)	54	4			$126,000	$ 200,000
112	E60	HONEYMOON VALLEY ROAD (1778)	3571	18	6675155.604	2555761.347	$540,000	$ 700,000
113	J08	HOOKS AND HALLS ROAD (1788)	330	29	6627190.52	2552470.733	$870,000	$ 1,100,000
114	W36	HORAHORA HEADS ROAD (1777)	1436	9	6630615.57	2608264.835	$270,000	$ 400,000
115	W33	HORAHORA HEADS ROAD (1777)	1752	19	6630476.99	2607988.999	$570,000	$ 700,000
116	M24	HOREKE ROAD (1785)	5406	39	6649926.153	2572105.365	$1,170,000	$ 1,400,000
117	L03	HOREKE ROAD (1785)	15891	40	6648929.969	2563603.859	$1,200,000	$ 1,500,000
118	H37	HUMPHREY ROAD (1776)	4	3	6655922.54	2550821.4	$94,500	$ 200,000
119	T06	HUPARA ROAD (1775)	2066	6	6648969.632	2600472.781	$189,000	$ 300,000
120	M08	IMMS ROAD (LAKE OMAPERE) (1794)	3707	12	6649314.137	2578336.102	$360,000	$ 500,000
121	M17	IMMS ROAD (LAKE OMAPERE) (1794)	4044	9	6649320.328	2578016.649	$270,000	$ 400,000
122	W37	INKSTERS ROAD (1797)	64	4	6630969.234	2609270.738	$126,000	$ 200,000
123	W31	INKSTERS ROAD (1797)	5209	6	6627795.73	2609525.395	$189,000	$ 300,000
124	C11	INLAND ROAD (1793)	36	12	6690694.213	2545600.241	$360,000	$ 500,000
125	H27	IWITAUA ROAD (1796)	130	46	6665648.364	2560082.237	$1,380,000	$ 1,700,000
126	H28	IWITAUA ROAD (1796)	2223	8	6666491.277	2561265.354	$240,000	$ 300,000
127	H29	IWITAUA ROAD (1796)	3026	28	6667181.098	2561457.061	$840,000	$ 1,000,000
128	H30	IWITAUA ROAD (1796)	3938	13	6667810.288	2561830.631	$390,000	$ 500,000
129	H31	IWITAUA ROAD (1796)	8487	12	6670788.458	2563137.444	$360,000	$ 500,000
130	H01	IWITAUA ROAD (1796)	12876	10	6673720.036	2564136.601	$300,000	$ 400,000
131	I07	IWITAUA ROAD (1796)	14710	8	6674323.961	2565049.511	$240,000	$ 300,000
132	E79	JACENTHO ROAD (1799)	190	6	6675097.918	2551844.839	$189,000	$ 300,000
133	H33	JACKSONS ROAD (OMAHUTA) (3379)	0	21	6636245.17	2552526.139	$630,000	$ 800,000
134	E95	JASONS ROAD (3248)	130	28.6	6681000	2557000	$858,000	$ 1,100,000
135	R01	JENNINGS ROAD (1806)	223	8	6667694.888	2592993.134	$240,000	$ 300,000
136	L01	JORDAN ROAD (1812)	591	13	6641123.489	2579844.725	$390,000	$ 500,000
137	L02	JORDAN ROAD (1812)	6356	15	6643457.357	2575837.041	$450,000	$ 600,000
138	L07	JORDAN ROAD (1812)	9795	15	6641334.884	2573753.763	$450,000	$ 600,000
139	M35	KAHIKATOA ROAD (1815)	1607	3	6656261.269	2560009.379	$94,500	$ 200,000
140	A29	KAIMAUMAU ROAD (1838)	2515	8	6696460.839	2530433.148	$240,000	$ 300,000
141	A30	KAIMAUMAU ROAD (1838)	4386	5	6696407.461	2532113.279	$157,500	$ 200,000
142	D58	KAITAIA-AWAROA ROAD (2598)	18880	24	6663587.583	2529907.33	$720,000	$ 900,000
143	D42	KAITAIA-AWAROA ROAD (2598)	22370	37	6660528.575	2530305.066	$1,110,000	$ 1,400,000
144	D40	KAITAIA-AWAROA ROAD (2598)	25256	9	6659670.418	2531617.544	$270,000	$ 400,000
145	D47	KAITAIA-AWAROA ROAD (2598)	31006	32	6658783.544	2536524.952	$960,000	$ 1,200,000
146	M05	KARAKA ROAD (1828)	189	10	6656206.759	2578284.795	$300,000	$ 400,000
147	D55	KAUHANGA ROAD (1835)	8	19	6652151.645	2531325.009	$570,000	$ 700,000
148	E15	KENANA ROAD (1844)	226	19	6684229.619	2562574.318	$570,000	$ 700,000
149	S15	KERIKERI INLET ROAD (1795)	3470	27	6664261.197	2600539.688	$810,000	$ 1,000,000
150	S16	KERIKERI INLET ROAD (1795)	6063	8	6663431.394	2602651.065	$240,000	$ 300,000
151	S13	KERIKERI ROAD (1853)	5363	60	6664333.061	2598457.906	$1,800,000	$ 2,200,000
152	E86	KITCHEN ROAD (1860)	489	23	6671984.951	2549204.694	$690,000	$ 900,000
153	P21	KNUDSENS ROAD (1863)	272	12	6631120.473	2585963.564	$360,000	$ 500,000
154	P22	KNUDSENS ROAD (1863)	1221	12	6631036.539	2585233.012	$360,000	$ 500,000
155	P19	KNUDSENS ROAD (1863)	1825	9	6630977.171	2584652.557	$270,000	$ 400,000
156	G24	KOHE ROAD (1864)	827	8	6654288.244	2539158.485	$240,000	$ 300,000
157	H41	KOHUKOHU ROAD (1867)	2980	10	6656524.564	2555566.734	$300,000	$ 400,000
158	E03	KOHUMARU ROAD (1862)	13	17	6687566.787	2560903.652	$510,000	$ 600,000
159	E06	KOHUMARU ROAD (1862)	2406	8	6685683.571	2561842.376	$240,000	$ 300,000
160	E44	KOHUMARU ROAD (1862)	17766	20	6678510.275	2559116.197	$600,000	$ 800,000
161	E42	KOHUMARU ROAD (1862)	18793	30	6678532.963	2558172.726	$900,000	$ 1,100,000
162	E33	KOHUMARU ROAD (1862)	19989	31	6679355.901	2557389.82	$930,000	$ 1,100,000
163	K05	KOUTU LOOP ROAD (1879)	124	8	6635042.952	2549578.88	$240,000	$ 300,000
164	W27	KUPA ROAD (1881)	106	37	6635801.337	2601765.417	$1,110,000	$ 1,400,000
165	W26	KUPA ROAD (1881)	1627	4	6636658.287	2602463.265	$126,000	$ 200,000
166	C09	LAKE OHIA FLOOD BYPASS ROAD (3450)	400	8			$240,000	$ 300,000
167	M13	LAKE ROAD (OKAIHAU) (1891)	5071	16	6648812.449	2580947.843	$480,000	$ 600,000
168	S09	LANDING ROAD (KERIKERI) (1888)	1790	36	6665072.366	2598451.487	$1,080,000	$ 1,300,000
169	W02	LOVATT ROAD (1910)	2638	4	6624269.882	2596368.347	$126,000	$ 200,000
170	W01	LOVATT ROAD (1910)	3219	34	6624470.885	2595953.968	$1,020,000	$ 1,200,000
171	L06	MACDONNELL ROAD (1915)	151	12			$360,000	$ 500,000
172	I32	MAHINEPUA ROAD (1917)	434	10	6688342.074	2587608.96	$300,000	$ 400,000
173	X10	MANAWAORA ROAD (1924)	3418	9	6659347.028	2622836.985	$270,000	$ 400,000
174	X05	MANAWAORA ROAD (1924)	6138	16	6659070.654	2624642.786	$480,000	$ 600,000
175	X04	MANAWAORA ROAD (1924)	7835	14	6658816.75	2626055.539	$420,000	$ 500,000
176	P23	MANGAKAHIA ROAD (1925)	14487	17	6631144.999	2586242.702	$510,000	$ 600,000
177	P28	MANGAKAHIA ROAD (1925)	18851	9	6627036.026	2585980.288	$270,000	$ 400,000
178	P29	MANGAKAHIA ROAD (1925)	21461	32	6624644.413	2586446.624	$960,000	$ 1,200,000
179	P31	MANGAKAHIA ROAD (1925)	24240	19	6622202.982	2586906.124	$570,000	$ 700,000
180	R06	MANGAKARETU ROAD (1927)	1114	19	6663186.988	2590584.646	$570,000	$ 700,000
181	H21	MANGATAIPA ROAD (1932)	772	9	6662297.461	2558998.882	$270,000	$ 400,000
182	H22	MANGATAIPA ROAD (1932)	2874	16	6663759.739	2557905.587	$480,000	$ 600,000
183	M20	MANGATARAIRE ROAD (1933)	459	16	6649566.761	2572263.075	$480,000	$ 600,000
184	M21	MANGATARAIRE ROAD (1933)	2332	13	6648801.478	2573855.845	$390,000	$ 500,000
185	N23	MANGATAWA ROAD (1934)	590	16	6633098.654	2573619.781	$480,000	$ 600,000
186	H35	MANSBRIDGE ROAD (1940)	554	11	6660213.153	2548633.865	$330,000	$ 400,000
187	H09	MANSBRIDGE ROAD (1940)	1487	18	6660440.593	2549515.249	$540,000	$ 700,000
188	D59	MANUKAU ROAD (1941)	575	20	6662534.413	2529873.733	$600,000	$ 800,000
189	W54	MARLOW ROAD (1948)	945	19	6632241.407	2611710.407	$570,000	$ 700,000
190	W55	MARLOW ROAD (1948)	3212	19	6630366.981	2611700.86	$570,000	$ 700,000
191	W57	MARLOW ROAD (1948)	7665	12	6626828.973	2611695.507	$360,000	$ 500,000
192	W30	MAROMAKU-TOWAI ROAD (1953)	1233	16	6634996.368	2610207.285	$480,000	$ 600,000
193	W58	MAROMAKU-TOWAI ROAD (1953)	4020	13	6633063.782	2611738.31	$390,000	$ 500,000
194	W74	MAROMAKU-TOWAI ROAD (1953)	4753	16	6633029.925	2612334.57	$480,000	$ 600,000
195	W59	MAROMAKU-TOWAI ROAD (1953)	6505	10	6633368.959	2613509.951	$300,000	$ 400,000
196	W17	MARTIN ROAD (POKERE) (1958)	276	5	6636070.251	2601590.367	$157,500	$ 200,000
197	H23	MATA ROAD (1966)	9	19	6655773.411	2557299.01	$570,000	$ 700,000
198	H24	MATA ROAD (1966)	3180	9	6653959.108	2555454.221	$270,000	$ 400,000
199	C03	MATAI BAY ROAD (1968)	3574	19	6706331.719	2547303.761	$570,000	$ 700,000
200	I37	MATAURI BAY ROAD (1972)	3249	18	6677432.135	2588240.823	$540,000	$ 700,000
201	I35	MATAURI BAY ROAD (1972)	11179	4	6681812.771	2591740.655	$126,000	$ 200,000
202	I34	MATAURI BAY ROAD (1972)	11579	13			$390,000	$ 500,000
203	I68	MATAURI BAY CAMP ROAD	200	3			$94,500	$ 200,000
204	I69	MATAURI BAY CAMP ROAD	500	3			$94,500	$ 200,000
205	I33	MATAURI BEACH ROAD (1973)	2179	8	6684696.298	2594153.922	$240,000	$ 300,000
206	I39	MATAURI LINK ROAD (1974)	32	8	6675149.71	2587484.593	$240,000	$ 300,000
207	W22	MATAWAIA-MAROMAKU ROAD (1977)	891	21	6633212.183	2598192.912	$630,000	$ 800,000
208	W24	MATAWAIA-MAROMAKU ROAD (1977)	4098	23	6633292.617	2600904.393	$690,000	$ 900,000
209	W38	MATAWAIA-MAROMAKU ROAD (1977)	9488	8	6633498.019	2603404.845	$240,000	$ 300,000
210	W39	MATAWAIA-MAROMAKU ROAD (1977)	10176	16	6633172.436	2603937.604	$480,000	$ 600,000
211	W40	MATAWAIA-MAROMAKU ROAD (1977)	10750	13	6633181.198	2604504.032	$390,000	$ 500,000
212	W29	MATAWAIA-MAROMAKU ROAD (1977)	11786	21	6633141.028	2605267.247	$630,000	$ 800,000

RELEASED UNDER THE OFFICIAL INFORMATION ACT

FAR NORTH DISTRICT COUNCIL BRIDGES								
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting	Approx cost to replace	Upper Limit Estimate
213	W46	MATAWAIA-MAROMAKU ROAD (1977)	15422	7	6634528.009	2607024.961	$220,500	$ 300,000
214	W47	MATAWAIA-MAROMAKU ROAD (1977)	15923	24	6634990.167	2607128.067	$720,000	$ 900,000
215	W49	MATAWAIA-MAROMAKU ROAD (1977)	19160	8	6635067.002	2609669.503	$240,000	$ 300,000
216	I47	MATAWHEROHIA ROAD (1979)	17	8	6676571.093	2580651.372	$240,000	$ 300,000
217	I48	MATAWHEROHIA ROAD (1979)	7781	10	6672197.403	2580382.6	$300,000	$ 400,000
218	P42	MATENE ROAD (1981)	29	9	6636280.996	2589595.437	$270,000	$ 400,000
219	D36	MCDONALD ROAD (DIGGERS VALLEY) (1989)	130	2	6660829.166	2533065.543	$63,000	$ 100,000
220	I62	MCGEE ROAD (1992)	135	2	6676094.433	2584969.235	$63,000	$ 100,000
221	I40	MCGEE ROAD (1992)	348	8	6676103.506	2585147.211	$240,000	$ 300,000
222	T22	MCINTYRES ROAD (1993)	58	14	6653042.15	2602803.804	$420,000	$ 500,000
223	E65	MEFFIN ROAD (1995)	174	27	6676772.316	2544703.949	$810,000	$ 1,000,000
224	E02	MILL BAY ROAD (2005)	1054	7	6689990.643	2559197.129	$220,500	$ 300,000
225	T27	MILL ROAD (2008)	1778	9	6645326.899	2606283.472	$270,000	$ 400,000
226	T46	MILL ROAD (2008)	3991	2			$63,000	$ 100,000
227	N32	MISSION OAK ROAD (2014)	122	31	6639192.101	2566334.13	$930,000	$ 1,100,000
228	W67	MONUMENT ROAD (2020)	8730	20	6636573.77	2620488.861	$600,000	$ 800,000
229	W53	MORGANS ROAD (3171)	90	17	6635702.604	2619780.285	$510,000	$ 600,000
230	W70	NELSONS ROAD (2030)	11	15	6639135.798	2620538.837	$450,000	$ 600,000
231	B05	NGAKAROA ROAD (3015)	126	9	6668758.499	2526031.138	$270,000	$ 400,000
232	P02	NGAWHITU ROAD (2044)	294	20	6643104.34	2596784.403	$600,000	$ 800,000
233	N26	NINIHI ROAD (2046)	236	9	6636296.31	2574628.18	$270,000	$ 400,000
234	B18	OINU ROAD (2058)	475	8	6681983.555	2537328.137	$240,000	$ 300,000
235	M23	OKAKA ROAD (2062)	294	15	6651570.178	2570233.955	$450,000	$ 600,000
236	UN11	OKAKEWAI ROAD (2063)	520	2.1			$66,150	$ 100,000
237	R19	OLD BAY ROAD (2068)	1915	11	6651771.01	2594303.658	$330,000	$ 400,000
238	R20	OLD BAY ROAD (2068)	3523	11	6652489.478	2595664.716	$330,000	$ 400,000
239	T42	OLD WHANGAE ROAD (2072)	100	24	6646275.184	2607584.976	$720,000	$ 900,000
240	T41	OLD WHANGAE ROAD (2072)	180	13	6646350.986	2607566.431	$390,000	$ 500,000
241	H25	OMAHUTA ROAD (2074)	3320	16	EFER TO REPOF	EFER TO REPOR	$480,000	$ 600,000
242	K06	OMANAIA ROAD (2075)	2860	8	6637373.138	2557663.058	$240,000	$ 300,000
243	K03	OMANAIA ROAD (2075)	4536	13	6638493.931	2558418.219	$390,000	$ 500,000
244	M30	OMAPERE ROAD (2077)	868	3	6644352.136	2582135.175	$94,500	$ 200,000
245	I43	OMAUNU ROAD (2078)	5731	7	6673987.438	2578145.202	$220,500	$ 300,000
246	I44	OMAUNU ROAD (2078)	8902	13	6673666.661	2575982.556	$390,000	$ 500,000
247	I45	OMAUNU ROAD (2078)	11266	12	6671816.328	2575876.392	$360,000	$ 500,000
248	R03	ONEKURA ROAD (2079)	863	6	6667882.629	2588750.227	$189,000	$ 300,000
249	W28	OPAHI STATION ROAD (2082)	321	13	6634934.417	2601415.511	$390,000	$ 500,000
250	S17	OPITO BAY ROAD (2084)	39	2	6667559.122	2602330.2	$63,000	$ 100,000
251	P43	ORAKAU ROAD (2201)	3816	7	6636184.664	2589655.942	$220,500	$ 300,000
252	P44	ORAKAU ROAD (2201)	5495	19	6635072.07	2590864.512	$570,000	$ 700,000
253	P45	ORAKAU ROAD (2201)	5923	11	6635027.867	2591292.705	$330,000	$ 400,000
254	P35	ORAKAU ROAD (2201)	7355	16	6634225.794	2592387.574	$480,000	$ 600,000
255	P36	ORAKAU ROAD (2201)	7685	16	6633985.293	2592629.919	$480,000	$ 600,000
256	P37	ORAKAU ROAD (2201)	8042	15	6633733.6	2592796.152	$450,000	$ 600,000
257	P38	ORAKAU ROAD (2201)	8760	12	6633232.646	2593213.767	$360,000	$ 500,000
258	P39	ORAKAU ROAD (2201)	9396	9	6632711.76	2593040.944	$270,000	$ 400,000
259	P40	ORAKAU ROAD (2201)	9995	11	6632180.436	2593366.264	$330,000	$ 400,000
260	P41	ORAKAU ROAD (2201)	10257	8	6631933.107	2593480.07	$240,000	$ 300,000
261	P46	ORAKAU ROAD (2201)	15458	12	6632549.456	2597134.061	$360,000	$ 500,000
262	M26	ORIRA ROAD (2089)	78	16	6665695.29	2562250.975	$480,000	$ 600,000
263	T20	OROMAHOE ROAD (2092)	2728	11	6653204.145	2601742.042	$330,000	$ 400,000
264	T21	OROMAHOE ROAD (2092)	3393	16	6653226.67	2602393.319	$480,000	$ 600,000
265	T23	OROMAHOE ROAD (2092)	4348	6	6652868.041	2603265.992	$189,000	$ 300,000
266	A40	OROMANGA ROAD (2093)	525	10	6727229.673	2504672.842	$300,000	$ 400,000
267	E09	ORURU ROAD (2096)	2724	24	6686763.471	2553687.481	$720,000	$ 900,000
268	E23	ORURU ROAD (2096)	7296	37	6683464.428	2556327.118	$1,110,000	$ 1,400,000
269	P32	OTAENGA ROAD (2100)	290	6	6624582.545	2586180.183	$189,000	$ 300,000
270	P30	OTAENGA ROAD (2100)	1379	14	6623497.351	2585945.647	$420,000	$ 500,000
271	I03	OTANGAROA ROAD (2103)	257	26	6682097.987	2573925.222	$780,000	$ 1,000,000
272	I04	OTANGAROA ROAD (2103)	5842	15	6679373.791	2570027.924	$450,000	$ 600,000
273	I05	OTANGAROA ROAD (2103)	8749	44	6677167.62	2568435.747	$1,320,000	$ 1,600,000
274	I06	OTANGAROA ROAD (2103)	12885	5	6675358.576	2565775.049	$157,500	$ 200,000
275	I10	OTANGAROA ROAD (SIDE ROAD) (2105)	223	23			$690,000	$ 900,000
276	N33	OTATARA MARAE ROAD (2106)	450	24	6636622.94	2564989.157	$720,000	$ 900,000
277	N28	OTAUA ROAD (2107)	407	20	6636509.748	2572855.481	$600,000	$ 800,000
278	G19	OTENGI ROAD (2108)	295	10	6645723.907	2545747.169	$300,000	$ 400,000
279	G20	OTENGI ROAD (2108)	953	6	6645203.936	2546045.753	$189,000	$ 300,000
280	B17	OTURU ROAD (2113)	702	10	6678523.483	2536476.398	$300,000	$ 400,000
281	T37	OWAE ROAD (2114)	2881	12	6645507.186	2615512.496	$360,000	$ 500,000
282	T38	OWAE ROAD (2114)	4939	12	6644745.043	2616979.124	$360,000	$ 500,000
283	D01	OWHATA ROAD (2115)	39	4	6656181.384	2529007.629	$126,000	$ 200,000
284	D64	OWHATA ROAD (2115)	1444	4	6655538.221	2528197.968	$126,000	$ 200,000
285	W73	PAIAKA ROAD (2120)	190	13	6633007.763	2614909.266	$390,000	$ 500,000
286	E83	PANTHER ROAD (2128)	24	18	6672682.382	2547183.825	$540,000	$ 700,000
287	W10	PARAHA ROAD (2131)	34	10	6635139.012	2597651.804	$300,000	$ 400,000
288	E22	PARANUI ROAD (2138)	2492	18	6684704.604	2553540.435	$540,000	$ 700,000
289	E29	PARANUI-TOATOA ROAD (3132)	3879	12	6681446.476	2551224.665	$360,000	$ 500,000
290	C29	PARAPARA ROAD (2134)	1985	8	6687955.01	2549937.865	$240,000	$ 300,000
291	C30	PARAPARA ROAD (2134)	3021	11	6687451.811	2549177.189	$330,000	$ 400,000
292	E24	PARAPARA-TOATOA ROAD (2133)	3199	17	6684598.187	2549322.54	$510,000	$ 600,000
293	E30	PARAPARA-TOATOA ROAD (2133)	7489	14	6681307.824	2550745.53	$420,000	$ 500,000
294	N21	PARKERS ROAD (2137)	1242	5	6622900.682	2573853.638	$157,500	$ 200,000
295	N05	PARKERS ROAD (2137)	1525	3	6622877.884	2573576.585	$94,500	$ 200,000
296	G11	PAWARENGA ROAD (2143)	5821	20	6655304.588	2542878.571	$600,000	$ 800,000
297	G13	PAWARENGA ROAD (2143)	8861	10	6653760.163	2541286.522	$300,000	$ 400,000
298	G14	PAWARENGA ROAD (2143)	9630	24	6653190.833	2540964.99	$720,000	$ 900,000
299	G15	PAWARENGA ROAD (2143)	11038	46	6653566.618	2539634.2	$1,380,000	$ 1,700,000
300	G16	PAWARENGA ROAD (2143)	14811	39	6651853.133	2536730.137	$1,170,000	$ 1,400,000
301	C21	PEKERAU ROAD (2148)	2501	10	6687782.527	2544364.75	$300,000	$ 400,000
302	C24	PEKERAU ROAD (2148)	4298	6	6686683.445	2545513.591	$189,000	$ 300,000
303	C25	PEKERAU ROAD (2148)	5082	6	6685963.83	2545362.379	$189,000	$ 300,000
304	C26	PEKERAU ROAD (2148)	5417	6	6685652.073	2545308.192	$189,000	$ 300,000
305	C27	PEKERAU ROAD (2148)	5656	11	6685434.902	2545391.051	$330,000	$ 400,000
306	C28	PEKERAU ROAD (2148)	6043	9	6685064.482	2545432.537	$270,000	$ 400,000
307	E38	PERIA ROAD (2156)	929	8	6677913.201	2554228.261	$240,000	$ 300,000
308	E41	PERIA ROAD (2156)	1205	10	6677968.198	2553953.561	$300,000	$ 400,000
309	E75	PERIA ROAD (2156)	5254	16	6676879.276	2550878.071	$480,000	$ 600,000
310	E78	PERIA VALLEY ROAD (2157)	3299	22	6674134.419	2550675.647	$660,000	$ 800,000
311	E77	PERIA VALLEY ROAD (2157)	5294	9	6675386.787	2551731.423	$270,000	$ 400,000
312	E57	PERIA VALLEY ROAD (2157)	8840	6	6676314.555	2553870.342	$189,000	$ 300,000
313	E56	PERIA VALLEY ROAD (2157)	10101	9	6676894.545	2554682.006	$270,000	$ 400,000
314	P18	PICADILLY ROAD (2159)	4093	24	6635602.13	2582683.017	$720,000	$ 900,000
315	W04	PIPIWAI ROAD (2164)	1385	11	6631879.864	2599594.285	$330,000	$ 400,000
316	W05	PIPIWAI ROAD (2164)	3943	11	6629762.023	2598902.847	$330,000	$ 400,000
317	W06	PIPIWAI ROAD (2164)	7013	9	6627950.696	2597163.576	$270,000	$ 400,000
318	W07	PIPIWAI ROAD (2164)	8701	10	6626613.31	2597807.328	$300,000	$ 400,000
319	W08	PIPIWAI ROAD (2164)	10514	38	6624849.937	2597993.761	$1,140,000	$ 1,400,000

OIA RELEASED UNDER THE INFORMATION ACT

FAR NORTH DISTRICT COUNCIL BRIDGES								
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting	Approx cost to replace	Upper Limit Estimate
320	W09	PIPIWAI ROAD (2164)	12305	15	6623492.849	2599003.998	$450,000	$ 600,000
321	T04	POKAPU ROAD (2169)	262	16	6643711.742	2600644.787	$480,000	$ 600,000
322	T03	POKAPU ROAD (2169)	1009	13	6643091.127	2600295.32	$390,000	$ 500,000
323	T05	POKAPU ROAD (2169)	3097	22	6641281.605	2599692.955	$660,000	$ 800,000
324	W13	POKAPU ROAD (2169)	3559	37	6640821.356	2599666.195	$1,110,000	$ 1,400,000
325	W14	POKAPU ROAD (2169)	4255	19	6640337.478	2599252.979	$570,000	$ 700,000
326	W19	POKAPU ROAD (2169)	7193	12	6637887.118	2598136.996	$360,000	$ 500,000
327	W20	POKAPU ROAD (2169)	7420	10	6637681.58	2598228.975	$300,000	$ 400,000
328	W21	POKAPU ROAD (2169)	12536	11	6633552.266	2597362.689	$330,000	$ 400,000
329	D37	POWELLS ROAD (DIGGERS VALLEY) (2177)	105	19	6661233.712	2533208.888	$570,000	$ 700,000
330	D35	POWELLS ROAD (DIGGERS VALLEY) (2177)	1118	8	6661764.781	2532351.447	$240,000	$ 300,000
331	D50	PUHATA ROAD (2184)	46	9	6658343.539	2530057.738	$270,000	$ 400,000
332	D51	PUHATA ROAD (2184)	1042	6	6657697.185	2530461.387	$189,000	$ 300,000
333	D52	PUHATA ROAD (2184)	1122	8	6657615.681	2530459.07	$240,000	$ 300,000
334	W44	PUHITIA ROAD (2186)	53	10	6631087.846	2604691.212	$300,000	$ 400,000
335	H08	PUKEMIRO ROAD (2188)	361	37	6659968.847	2544665.573	$1,110,000	$ 1,400,000
336	M01	PUKEPOTO ROAD (OKAIHAU) (2191)	315	10	6655768.591	2578019.135	$300,000	$ 400,000
337	M02	PUKETI ROAD (2193)	286	37	6656991.367	2576447.474	$1,110,000	$ 1,400,000
338	N25	PUNAKITERE LOOP ROAD (2200)	283	36	6637031.737	2574887.113	$1,080,000	$ 1,300,000
339	N27	PUNAKITERE LOOP ROAD (2200)	5375	31	6637556.746	2570859.772	$930,000	$ 1,100,000
340	I17	PUPUKE MANGAPA ROAD (2203)	1648	10	6677664.566	2577279.052	$300,000	$ 400,000
341	I18	PUPUKE MANGAPA ROAD (2203)	5823	45	6675369.118	2575268.477	$1,350,000	$ 1,600,000
342	I19	PUPUKE MANGAPA ROAD (2203)	9399	12	6673517.603	2573028.221	$360,000	$ 500,000
343	I20	PUPUKE MANGAPA ROAD (2203)	13508	14	6670561.582	2570989.753	$420,000	$ 500,000
344	S11	PURERUA ROAD (2205)	670	18	6667630.19	2596447.183	$540,000	$ 700,000
345	S01	PURERUA ROAD (2205)	1860	14	6668492.69	2597147.965	$420,000	$ 500,000
346	B49	PURIRI PLACE (2208)	0	18	6675616.792	2535445.35	$540,000	$ 700,000
347	B16	QUARRY ROAD (AWANUI) (2210)	5683	10	6679128.15	2537169.395	$300,000	$ 400,000
348	M12	QUARRY ROAD (KAIKOHE) (2209)	230	12	6643841.579	2584357.569	$360,000	$ 500,000
349	M18	RAHIRI SETTLEMENT ROAD (2214)	39	50	6656104.639	2571092.748	$1,500,000	$ 1,800,000
350	P03	RAKAUTAO ROAD (3024)	201	12	6641696.804	2593995.715	$360,000	$ 500,000
351	N01	RAKAUWAHIA ROAD (2219)	2097	28	6639637.216	2577360.639	$840,000	$ 1,000,000
352	L09	RAKAUWAHIA ROAD (2219)	4806	10	6640253.011	2574760.183	$300,000	$ 400,000
353	N31	RAMSEY ROAD (2221)	1696	18	6636469.03	2569997.443	$540,000	$ 700,000
354	M19	RANGIAHUA ROAD (2225)	5543	24	6651754.952	2567099.466	$720,000	$ 900,000
355	S03	RANGIHOUA ROAD (2227)	786	9	6672951.461	2606053.863	$270,000	$ 400,000
356	S04	RANGIHOUA ROAD (2227)	1764	9	6672952.931	2606913.075	$270,000	$ 400,000
357	S05	RANGIHOUA ROAD (2227)	2390	3	6672504.909	2607254.893	$94,500	$ 200,000
358	S08	RANGIHOUA ROAD (2227)	4964	10	6670751.797	2608732.02	$300,000	$ 400,000
359	D61	RANGIKOHU ROAD (EPIKAURI ROAD) (2229)	599	28	6660576.046	2529511.369	$840,000	$ 1,000,000
360	W32	RATA TIPENE ROAD (2238)	133	12	6628455.788	2609503.355	$360,000	$ 500,000
361	X03	RAWHITI ROAD (NORTH) (2240)	1167	12	6659674.841	2626139.58	$360,000	$ 500,000
362	X02	RAWHITI ROAD (SOUTH) (3075)	7031	18	6653934.984	2628930.749	$540,000	$ 700,000
363	X01	RAWHITI ROAD (SOUTH) (3075)	7768	9	6653536.288	2628420.035	$270,000	$ 400,000
364	S02	REDCLIFFS ROAD (2247)	493	16	6667113.312	2598746.246	$480,000	$ 600,000
365	N24	RENWICK ROAD (2252)	1429	9	6631476.378	2573985.416	$270,000	$ 400,000
366	N38	RENWICK ROAD SIDE ROAD (2252)	2550	14	6630480.155	2573527.645	$420,000	$ 500,000
367	B31	ROMA ROAD (2265)	60	9	6668857.577	2526025.06	$270,000	$ 400,000
368	B32	ROMA ROAD (2265)	713	11	6668759.075	2525459.836	$330,000	$ 400,000
369	W51	RUAPEKAPEKA ROAD (2275)	56	7	6634442.206	2613390.4	$220,500	$ 300,000
370	D02	RUAROA ROAD (2276)	1852	9	6674303.408	2541488.151	$270,000	$ 400,000
371	D05	RUAROA ROAD (2276)	6252	50	6670831.402	2542336.113	$1,500,000	$ 1,800,000
372	G12	RUNARUNA ROAD (2278)	8993	8	6648296.102	2545133.999	$240,000	$ 300,000
373	W52	RUSK ROAD (3044)	2906	9	6630035.597	2615609.546	$270,000	$ 400,000
374	W71	RUSSEK ROAD (2280)	610	1.8			$56,700	$ 100,000
375	C22	RUSSELL ROAD (2283)	150	9	6688375.075	2544674.87	$270,000	$ 400,000
376	X12	RUSSELL-WHAKAPARA ROAD (2284)	8876	17	6655117.984	2619150.105	$510,000	$ 600,000
377	A25	SALVATION ROAD (HOUHORA) (2290)	720	8			$240,000	$ 300,000
378	I02	SALVATION ROAD (WHANGAROA) (2289)	2668	9	6686319.045	2571778.789	$270,000	$ 400,000
379	B14	SANDHILLS ROAD (2292)	15549	12	6682216.775	2531696.66	$360,000	$ 500,000
380	I14	SCHOOL ROAD (TOTARA NORTH) (3122)	192	13	6684286.127	2575966.345	$390,000	$ 500,000
381	T28	SETTLEMENT ROAD (2304)	1500	9	6644297.369	2606564.214	$270,000	$ 400,000
382	E01	SILVER EGG ROAD (2315)	177	8	6690321.701	2559007.937	$240,000	$ 300,000
383	C07	SIMON URLICH ROAD (2316)	730	9	6701224.651	2544606.788	$270,000	$ 400,000
384	A36	SPAINS ROAD (2334)	1876	14	6684913.8	2532233.351	$420,000	$ 500,000
385	S10	STANNERS ROAD (2340)	994	10	6669010.005	2594223.248	$300,000	$ 400,000
386	N04	STEWARDS ROAD (2345)	209	23	6630508.943	2579042.314	$690,000	$ 900,000
387	F09	STONEY CREEK ROAD (2346)	5468	2	6692092.491	2565305.34	$63,000	$ 100,000
388	F10	STONEY CREEK ROAD (2346)	6860	2.1			$66,150	$ 100,000
389	B47	STURMFEL ROAD (2349)	1491	2	6672677.342	2541284.957	$63,000	$ 100,000
390	E82	SWITZER ROAD (2353)	8	11	6676149.969	2546796.458	$330,000	$ 400,000
391	L04	TAHEKE ROAD (2359)	3968	25			$750,000	$ 900,000
392	L05	TAHEKE ROAD (2359)	4994	14	6641497.193	2567104.652	$420,000	$ 500,000
393	J06	TAITA ROAD (2368)	1275	14	6628058.662	2554895.033	$420,000	$ 500,000
394	J16	TAITA ROAD (2368)	5525	8	6628749.052	2556422.38	$240,000	$ 300,000
395	D03	TAKAHUE ROAD (2371)	435	11	6673036.415	2543784.198	$330,000	$ 400,000
396	D04	TAKAHUE ROAD (2371)	1798	12	6671925.867	2542985.978	$360,000	$ 500,000
397	D06	TAKAHUE ROAD (2371)	3062	9	6670768.29	2542541.485	$270,000	$ 400,000
398	D12	TAKAHUE ROAD (2371)	5146	12	6668755.215	2542841.255	$360,000	$ 500,000
399	D13	TAKAHUE ROAD (2371)	5537	38	6668599.633	2542544.456	$1,140,000	$ 1,400,000
400	D14	TAKAHUE ROAD (2371)	6187	19	6668096.454	2542261.664	$570,000	$ 700,000
401	D19	TAKAHUE SADDLE ROAD (BROADWOOD) (23	1601	10	6661203.875	2545568.54	$300,000	$ 400,000
402	D20	TAKAHUE SADDLE ROAD (BROADWOOD) (23	2359	7	6661740.741	2545679.812	$220,500	$ 300,000
403	P51	TANA ROAD (2377)	218	12	6642043.616	2595801.023	$360,000	$ 500,000
404	W63	TAPUHI ROAD (2384)	612	25	6630962.57	2619776.866	$750,000	$ 900,000
405	W64	TAPUHI ROAD (2384)	2144	22	6632018.814	2619959.21	$660,000	$ 800,000
406	W65	TAPUHI ROAD (2384)	3271	10	6632849.125	2620165.596	$300,000	$ 400,000
407	W66	TAPUHI ROAD (2384)	7933	11	6635651.132	2619790.957	$330,000	$ 400,000
408	W69	TAPUHI ROAD (2384)	10042	9	6637673.605	2620586.815	$270,000	$ 400,000
409	I38	TARAIRE ROAD (2387)	2349	10	6678364.593	2586937.573	$300,000	$ 400,000
410	D60	TATANA ROAD (2392)	751	9	6662139.053	2529418.792	$270,000	$ 400,000
411	C31	TAUMATA ROAD (2394)	108	28	6687116.961	2548975.443	$840,000	$ 1,000,000
412	C32	TAUMATA ROAD (2394)	2286	8	6685997.878	2547344.382	$240,000	$ 300,000
413	C33	TAUMATA ROAD (2394)	3495	13	6684975.381	2547241.164	$390,000	$ 500,000
414	C34	TAUMATA ROAD (2394)	5158	13	6683546.128	2546671.853	$390,000	$ 500,000
415	F01	TAUPO BAY ROAD (2398)	2300	12	6690200.324	2568645.61	$360,000	$ 500,000
416	F02	TAUPO BAY ROAD (2398)	3626	11	6690204.822	2569722.08	$330,000	$ 400,000
417	F04	TAUPO BAY ROAD (2398)	10011	6	6690162.979	2575276.432	$189,000	$ 300,000
418	I31	TAURANGA BAY BEACH ROAD (2399)	18	16	6685753.583	2584371.997	$480,000	$ 600,000
419	I29	TAURANGA BAY ROAD (2400)	148	4	6685846.46	2584279.981	$126,000	$ 200,000
420	I30	TAURANGA BAY ROAD (2400)	1621	8	6686926.729	2583483.386	$240,000	$ 300,000
421	G25	TAUTORO ROAD (2402)	131	12	6646635.775	2545741.769	$360,000	$ 500,000
422	N03	TAWATA ROAD (3182)	316	12			$360,000	$ 500,000
423	E26	TAYLOR ROAD (2405)	33	10	6682616.239	2553818.87	$300,000	$ 400,000
424	E28	TAYLOR ROAD (2405)	2419	12	6680880.062	2554184.756	$360,000	$ 500,000
425	A13	TE AHU ROAD (2408)	370	10	6727186.649	2507639.053	$300,000	$ 400,000
426	A05	TE HAPUA ROAD (2411)	2126	13	6743704.901	2497502.84	$390,000	$ 500,000

OFFICIAL RELEASED DOCUMENT FOR INFORMATION ONLY

FAR NORTH DISTRICT COUNCIL BRIDGES								
	Bridge No.	Roadway	Disp Start (m)	Road Length (m)	Northing	Easting	Approx cost to replace	Upper Limit Estimate
427	H43	TE HUAHUA ROAD (2413)	1382	4	6650253.691	2554634.078	$126,000	$ 200,000
428	P50	TE IRENGA ROAD (2415)	400	4	6638596.6	2581687.001	$126,000	$ 200,000
429	E53	TE KAROA ROAD (2418)	89	25	6675536.096	2560635.336	$750,000	$ 900,000
430	E54	TE KAROA ROAD (2418)	466	8	6675194.316	2560759.004	$240,000	$ 300,000
431	T19	TE KARUWHA PARADE (2420)	622	162	6657931.654	2609066.99	$4,860,000	$ 5,800,000
432	E08	TE MOHO ROAD (3152)	207	3	6686603.49	2549988.055	$94,500	$ 200,000
433	A09	TE PAKI STREAM ROAD (2424)	1489	11	6743042.894	2491738.969	$330,000	$ 400,000
434	D11	TE RORE ROAD	4900	1.8			$56,700	$ 100,000
435	D09	TE RORE ROAD (2430)	7710	6	6672420.08	2546600.882	$189,000	$ 300,000
436	M27	TE TIO ROAD (2432)	1589	18	6655776.355	2562220.371	$540,000	$ 700,000
437	I51	TIPA TIPA ROAD (2444)	7640	31	6678644.407	2569026.51	$930,000	$ 1,100,000
438	W42	TIPENE ROAD (2445)	895	10	6632163.711	2604550.328	$300,000	$ 400,000
439	W43	TIPENE ROAD (2445)	1187	9	6631888.706	2604482.282	$270,000	$ 400,000
440	M07	TOIA ROAD (2451)	1726	12	6648155.215	2579593.448	$360,000	$ 500,000
441	P33	TOKAWHERO ROAD (2452)	3265	16	6624436.294	2589007.134	$480,000	$ 600,000
442	P34	TOKAWHERO ROAD (2452)	5425	9	6624257.767	2590438.834	$270,000	$ 400,000
443	I50	TOTARA NORTH ROAD (2454)	2995	12	6684423.968	2576493.352	$360,000	$ 500,000
444	I53	PORTERS ACCESS ROAD EXTENSION	140	16	6684113.877	2582345.73	$480,000	$ 600,000
445	E81	TRACEY ROAD (2458)	315	8	6673462.224	2550346.357	$240,000	$ 300,000
446	A28	TURK VALLEY ROAD (3302)	345	3			$94,500	$ 200,000
447	R26	UPOKORAU ROAD (2471)	279	32	6673206.2	2585864.887	$960,000	$ 1,200,000
448	R08	VALENCIA LANE (2473)	354	5	6660914.492	2593382.968	$157,500	$ 200,000
449	E85	VICTORIA VALLEY ROAD (2478)	460	46	6672648.996	2547919.894	$1,380,000	$ 1,700,000
450	R10	WAIARE ROAD (2484)	14650	20	6663374.938	2583600.117	$600,000	$ 800,000
451	R09	WAIARE ROAD (2484)	15569	24	6664024.012	2583591.443	$720,000	$ 900,000
452	R25	WAIARE ROAD (2484)	25965	25	6672054.191	2582960.845	$750,000	$ 900,000
453	R24	WAIARE ROAD (2484)	27197	48	6672520.996	2583881.673	$1,440,000	$ 1,700,000
454	R23	WAIARE ROAD (2484)	33367	11	6675505.988	2583648.331	$330,000	$ 400,000
455	R22	WAIARE ROAD (2484)	33491	52	6675624.277	2583616.778	$1,560,000	$ 1,900,000
456	R21	WAIARE ROAD (2484)	34490	36	6676533.673	2583471.632	$1,080,000	$ 1,300,000
457	I08	WAIHAPA ROAD (2486)	1637	6	6679000.194	2573230.612	$189,000	$ 300,000
458	I09	WAIHAPA ROAD (2486)	2094	6	6678503.843	2573258.736	$189,000	$ 300,000
459	R18	WAIKARAMU ROAD (2488)	2790	8	6651577.956	2592951.157	$240,000	$ 300,000
460	T36	WAIKARE ROAD (2491)	5980	7	6647104.054	2615428.414	$220,500	$ 300,000
461	X14	WAIKARE ROAD (2491)	15142	13	6649718.709	2620669.467	$390,000	$ 500,000
462	X15	WAIKARE ROAD (2491)	17006	25	6650417.196	2622284.933	$750,000	$ 900,000
463	X06	WAIKARE ROAD (2491)	17870	17	6651048.721	2622829.287	$510,000	$ 600,000
464	X07	WAIKARE ROAD (2491)	18838	11	6651976.319	2622899.2	$330,000	$ 400,000
465	X08	WAIKARE VALLEY ROAD (2485)	2240	30.0			$900,000	$ 1,100,000
466	T32	WAIKINO ROAD (2493)	50	17	6647403.341	2614612.403	$510,000	$ 600,000
467	I58	WAIKOURA ROAD (2494)	993	3	6680413.474	2580877.356	$94,500	$ 200,000
468	R07	WAIKUKU ROAD (2495)	2213	12	6653939.794	2588252.04	$360,000	$ 500,000
469	N30	WAIMA VALLEY ROAD (2497)	2986	13	6636802.529	2565649.709	$390,000	$ 500,000
470	T08	WAIMANGARO ROAD (3174)	0	8	6653549.5	2611242.9	$240,000	$ 300,000
471	R15	WAIMATE NORTH ROAD (2500)	5051	8			$240,000	$ 300,000
472	R16	WAIMATE NORTH ROAD (2500)	7518	35	6655653.291	2592850.547	$1,050,000	$ 1,300,000
473	R17	WAIMATE NORTH ROAD (2500)	9999	8	6654434.392	2592308.086	$189,000	$ 300,000
474	P15	WAIMATENUI / MATARAUA ROAD (2600)	5470	33	6636209.138	2581709.952	$990,000	$ 1,200,000
475	N08	WAIMATENUI / MATARAUA ROAD (2600)	7110	8	6634808.753	2581168.663	$240,000	$ 300,000
476	N10	WAIMATENUI / MATARAUA ROAD (2600)	11713	6	6631088.41	2579689.542	$189,000	$ 300,000
477	N12	WAIMATENUI / MATARAUA ROAD (2600)	13552	8	6629639.005	2579404.655	$240,000	$ 300,000
478	N13	WAIMATENUI / MATARAUA ROAD (2600)	14658	9	6628833.498	2579053.245	$270,000	$ 400,000
479	N14	WAIMATENUI / MATARAUA ROAD (2600)	15617	19	6628239.158	2578366.392	$570,000	$ 700,000
480	N15	WAIMATENUI / MATARAUA ROAD (2600)	16735	73	6627427.218	2577820.033	$2,190,000	$ 2,600,000
481	N16	WAIMATENUI / MATARAUA ROAD (2600)	16978	48	6627308.974	2577624.537	$1,440,000	$ 1,700,000
482	N18	WAIMATENUI / MATARAUA ROAD (2600)	18514	16	6626350.077	2576963.657	$480,000	$ 600,000
483	N19	WAIMATENUI / MATARAUA ROAD (2600)	24864	13	6622560.909	2575201.697	$390,000	$ 500,000
484	I22	WAINUI ROAD (2503)	4095	5	6683142.339	2582517.836	$157,500	$ 200,000
485	I23	WAINUI ROAD (2503)	5000	22	6683836.76	2583066.117	$660,000	$ 800,000
486	I24	WAINUI ROAD (2503)	8339	22	6685548.413	2585070.868	$660,000	$ 800,000
487	I25	WAINUI ROAD (2503)	13087	10	6687957.573	2587239.54	$300,000	$ 400,000
488	I65	WAINUI VALLEY ROAD (2504)	230	4	6686707.029	2588880.808	$126,000	$ 200,000
489	I26	WAINUI-MATAURI BAY ROAD (2505)	28	10	6686927.073	2588909.078	$300,000	$ 400,000
490	I27	WAINUI-MATAURI BAY ROAD (2505)	2066	8	6686056.047	2590192.495	$240,000	$ 300,000
491	D15	WAIOTEHUE ROAD (2509)	304	12	6666716.535	2541789.729	$360,000	$ 500,000
492	D25	WAIOTEHUE ROAD (2509)	6383	25	6664719.505	2538997.414	$750,000	$ 900,000
493	D28	WAIOTEHUE ROAD (2509)	9982	9	6663146.018	2538159.425	$270,000	$ 400,000
494	D29	WAIOTEHUE ROAD (2509)	11587	25	6662218.463	2538848.773	$750,000	$ 900,000
495	J09	WAIOTEMARAMA GORGE ROAD (2510)	1058	14	6633232.197	2548946.132	$420,000	$ 500,000
496	J10	WAIOTEMARAMA GORGE ROAD (2510)	1331	9	6633076.549	2549154.175	$270,000	$ 400,000
497	J11	WAIOTEMARAMA GORGE ROAD (2510)	2126	12	6632500.065	2549508.687	$360,000	$ 500,000
498	J12	WAIOTEMARAMA GORGE ROAD (2510)	6406	14	6629755.472	2550382.423	$420,000	$ 500,000
499	I28	WAITAPU CREEK ROAD (3340)	42	12			$360,000	$ 500,000
500	T01	WAKELIN ROAD (2520)	3921	3	6657335.394	2601777.01	$94,500	$ 200,000
501	E84	WALLACE ROAD (VIC VALLEY) (2602)	37	8	6675129.7	2548041.75	$240,000	$ 300,000
502	M10	WALLIS ROAD (2524)	896	12	6645942.516	2585315.515	$360,000	$ 500,000
503	I15	WEBER WAIHAPA ROAD (2532)	1666	4	6680625.782	2573521.364	$126,000	$ 200,000
504	I16	WEBER WAIHAPA ROAD (2532)	1995	2	6680472.742	2573800.872	$63,000	$ 100,000
505	UN29	WEBER WAIHAPA ROAD (2532)	5350	2.0			$63,000	$ 100,000
506	J01	WEKAWEKA ROAD (2535)	972	55	6626465.772	2555624.182	$1,650,000	$ 2,000,000
507	J02	WEKAWEKA ROAD (2535)	2078	6	6626451.54	2556668.181	$189,000	$ 300,000
508	J03	WEKAWEKA ROAD (2535)	4034	13	6625408.098	2557860.797	$390,000	$ 500,000
509	J15	WEKAWEKA ROAD (2535)	7125	4	6625554.815	2560307.281	$126,000	$ 200,000
510	J14	WEKAWEKA ROAD (2535)	7139	12	6625552.864	2560320.722	$360,000	$ 500,000
511	J04	WEKAWEKA ROAD (2535)	9130	10	6625202.691	2562094.527	$300,000	$ 400,000
512	J05	WEKAWEKA ROAD (2535)	14439	8	6625753.117	2565186.839	$240,000	$ 300,000
513	H02	WEST COAST ROAD (KOHUKOHU) (2543)	12258	58	6648673.495	2550929.204	$1,740,000	$ 2,100,000
514	G02	WEST COAST ROAD (KOHUKOHU) (2543)	21552	13	6646871.979	2545573.32	$390,000	$ 500,000
515	G01	WEST COAST ROAD (KOHUKOHU) (2543)	25150	37	6643712.616	2545498.496	$1,110,000	$ 1,400,000
516	G03	WEST COAST ROAD (KOHUKOHU) (2543)	28637	11	6642661.812	2543737.332	$330,000	$ 400,000
517	G04	WEST COAST ROAD (KOHUKOHU) (2543)	29764	11	6641770.265	2543155.507	$330,000	$ 400,000
518	G05	WEST COAST ROAD (KOHUKOHU) (2543)	38534	18	6640497.137	2536672.924	$540,000	$ 700,000
519	A27	WHALERS ROAD (2553)	679	14	6706907.15	2522812.502	$420,000	$ 500,000
520	T24	WHANGAE ROAD (2554)	3238	18	6649159.884	2606800.978	$540,000	$ 700,000
521	T12	WHANGAE ROAD (2554)	5253	5	6650864.808	2605879.736	$157,500	$ 200,000
522	D62	WHANGAPE ROAD (2555)	3254	9	6656814.96	2529607.59	$270,000	$ 400,000
523	D63	WHANGAPE ROAD (2555)	3379	8	6656700.322	2529628.054	$240,000	$ 300,000
524	N11	WHAREPUNGA ROAD (2563)	249	22	6630842.832	2579267.37	$660,000	$ 800,000
525	N22	WHAREPUNGA ROAD (2563)	829	16	6631061.584	2578722.784	$480,000	$ 600,000
526	K04	WIKAIRAS ROAD (2606)	249	22	6636302.162	2552862.956	$660,000	$ 800,000
527	F11	WINDUST ROAD (2582)	247	10	6687655.471	2565857.978	$300,000	$ 400,000
528	R14	WIROA ROAD (2586)	7847	8	6658293.686	2588639.327	$240,000	$ 300,000
529	B35	WRECK BAY ROAD (2589)	532	9	6669116.615	2521795.294	$270,000	$ 400,000
530	C35	ZIDICH ROAD	10	1.8			$56,700	$ 100,000
						TOTAL	$237,360,900	$ 304,000,000

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Attachment 10

From: Ernst Zollner
Sent: Friday, 6 March 2015 2:54 p.m.
To: Matthew.Skinner@parliament.govt.nz
Cc: Geoff Dangerfield; Gail Wilson
Subject: Re: High Priority Request

Hi Matthew

Please find attached the expanded draft RLTP programme tables or spreadsheet, as requested.

These are the normal caveats:

1. Because we added information (column, row, cells) to sheets there are likely to now be errors in the underlying Regional Council spreadsheet; please treat 'sum' totals with care as we have not had a chance to QA the formulas
2. Please also treat all 'cost estimates' with some care; for example, cost estimates that relate to bridge replacements are just that – no detailed investigation or design has been undertaken.
3. Some projects still require resource consents and land acquisition, so the estimates for construction (or even certainty of construction) are best estimates only.

Please let me know if you need any additional information.

Regards

Ernst
021 2415308

RELEASED UNDER THE OFFICIAL INFORMATION ACT

State Highway Improvements - Prioritised (includes New and Improved)

Org	Corridor	Project Name	Phase	Key benefits: Safety	Key benefits: Efficiency	Key benefits: Resilience	Scheduled Start Date	Scheduled Duration (Months)	Project Cost Estimates ($): 15/16	16/17	17/18	18/19	19/20	20/21	NZTA Funding Sought: Project Costs	Funding Source	RTC Rating using NZTA system	NZTA Comment on rating	FAR	NZTA Share	Cum NZTA Total
NZTA	Whangarei	SH1 Corridor Improvements - Whangarei	Construction	y	y		2011/12	36	$9,685,000	$3,600,000	$507,404				$13,792,404	NLTF	n/a	Approved	100%	$13,792,404	$13,792,404
NZTA	Northland to Auckland	SH1N - Brynderwyn North Safe System Project	Construction	y	y	y	2015/16	24	$7,500,000	$8,000,000	$750,000				$16,250,000	NLTF	n/a	Approved	100%	$16,250,000	$30,042,404
NZTA	Bay of Islands to Whangarei	SH1 Akerama Curves Realignment & Passing Lane	Construction	y	y	y	2015/16	24	$5,000,000	$4,300,000	$0				$9,300,000	FIF	n/a	Approved	100%	$9,300,000	$39,342,404
NZTA	Northland to Auckland	NRRS - Whangarei to Brynderwyns	Investigation, Design & Construction	y			2015/16	24		$250,000					$250,000	NLTF	n/a	Part of national programme - will proceed	100%	$250,000	$39,592,404
NZTA	Northland to Auckland	NRRS - SH12 to Wellsford	Investigation, Design & Construction	y			2015/16	24		$250,000					$250,000	NLTF	n/a	Part of national programme - will proceed	100%	$250,000	$39,842,404
NZTA	SH11	NRRS - SH11 Airfield to Lillypond		y			2015/16	24	$125,000	$1,250,000					$1,375,000	NLTF	n/a	Part of national programme - will proceed	100%	$1,375,000	$41,217,404
NZTA	SH12	NRRS - Dargaville to Tokatoka	Design & Construction	y			2015/16	12	$330,000						$330,000	NLTF	n/a	Part of national programme - will proceed	100%	$330,000	$41,547,404
NZTA	Bay of Islands to Whangarei	NRRS - SH1 Ohaewai to Whangarei	Investigation, Design & Construction	y	y	y	2015/16	48	$590,000	$1,000,000	$2,000,000	$6,900,000	$18,000,000		$28,490,000	NLTF	n/a	Part of national programme - will proceed	100%	$28,490,000	$70,037,404
NZTA	Northland to Auckland	SH1 Springfield to Mata Median Barrier	Investigation	y		y	2015/16	36	$200,000	$57,333	$10,108,292				$10,365,625	NLTF	2		100%	$10,365,625	$80,403,029
NZTA	Network-wide	Enhanced Network Resilence - Preventative, stormwater, strengthening alternative routes	Various			y	2015/16	36	$4,000,000	$6,000,000	$5,000,000	$1,000,000	$1,000,000	$1,000,000	$18,000,000	NLTF	2		100%	$18,000,000	$98,403,029
NZTA	Northland to Auckland	SH1N Loop Rd to Smeatons Hill SI	Construction	y	y	y	2018/19	36	$500,000	$8,590,000	$6,500,000				$15,590,000	FIF	3		100%	$15,590,000	$113,993,029
NZTA	SH10 Kerikeri	Waipapa Roundabout	Investigation & Design	y	y		2015/16	24	$131,000	$2,000,000					$2,131,000	NLTF	3		100%	$2,131,000	$116,124,029
NZTA	SH10 Kerikeri	Puketona Roundabout	Design & Construction	y			2017/18	24			$500,000	$3,500,000			$4,000,000	NLTF	3		100%	$4,000,000	$120,124,029
NZTA	Bay of Islands to Whangarei	Puketona SH11 Intersection Improvements	Investigation, Design & Construction	y				24				$0	$1,850,000	$1,895,000	$3,745,000	NLTF	3		100%	$3,745,000	$123,869,029
NZTA	SH14	Hospital Rd/SH14	Design & Construction	y	y		2015/16	12		$4,000,000					$4,000,000	tbc	4	May be lower or higher as business case is	50%	$2,000,000	$125,869,029
NZTA	SH10 Coopers Beach	Kaeo Bridge replacement (2 laning)	Investigation, Design & Construction	y	y	y	2019/20	12			$6,900,000				$7,000,000	NLTF	4		100%	$7,000,000	$132,869,029
NZTA	Bay of Islands to Whangarei	SH1/10 Pakaraka intersection	Investigation, Design & Construction	y			2018/19	12				$3,300,000			$3,300,000	NLTF	4		100%	$3,300,000	$136,169,029
NZTA	Bay of Islands to Whangarei	Waiotu North NB	Investigation, Design & Construction	y	y	y	2018/19	24				$440,000	$2,000,000	$3,600,000	$6,040,000	NLTF	4		100%	$6,040,000	$142,209,029
NZTA	Bay of Islands to Whangarei	SH1 Snake Hill Realignment	Investigation, Design & Construction	y	y	y	2018/19	36				$715,000	$5,637,000	$4,000,000	$10,352,000	NLTF	5	May rate higher when considered as a corridor and efficiency benefits realised	100%	$10,352,000	$152,561,029
NZTA	Northland to Auckland	SH15A/McCathie Rd/One Tree Point Rd Intersection Upgrades	Investigation, Design & Construction				2018/19	12				$325,000	$0	$0	$325,000	NLTF	5	May rate lower if development timing is not critical	100%	$325,000	$152,886,029
NZTA	SH12	Matakohe Bridges - 2 laning and road realignment	Design & Construction	y	y			36	$200,000		$19,000,000				$19,200,000	NLTF	7	May rate higher if Do Min and Tourism factors are considered	100%	$19,200,000	$172,086,029
NZTA	SH10 Coopers Beach	Taipa Bridge replacement (2 laning)	Investigation, Design & Construction	y	y	y	2019/20	12			$13,000,000		$2,500,000		$15,500,000	NLTF	7	May be higher as busines case is still being developed	100%	$15,500,000	$187,586,029
NZTA	SH13	SH12 Wallis Road SW	Investigation			y	2015/16	12	$90,000	$0	$0				$90,000	NLTF	10	May rate higher as part of a package	100%	$90,000	$187,676,029
NZTA	Bay of Islands to Whangarei	Saleyards Intersection Improvements	Investigation, Design & Construction	y			2019/20	12				$250,000	$250,000	$3,500,000	$4,000,000	NLTF	10	May rate higher when considered as a corridor and efficiency benefits realised	100%	$4,000,000	$191,676,029
NZTA	Inland Freight Route	Stormwater, interseections and safety improvements	Investigation, Design & Construction	y	y	y	2017/18	36			$2,000,000	$3,000,000	$2,000,000		$7,000,000	NLTF	tbc	Still in development; scope not yet certain	100%	$7,000,000	$198,676,029
NZTA	SH10 Coopers Beach	Safety improvements	Investigation, Design & Construction	y			2016/17	12		$100,000					$100,000	NLTF	tbc	Still in development; scope not yet certain	100%	$100,000	$198,776,029
		Total							$11,166,000	$27,797,333	$65,008,292	$19,430,000	$33,237,000	$13,995,000	**$84,652,000**					**$198,776,029**	

Other smaller improvements, part of broader packages

NZTA		Minor improvements 2015/2018	State Highways				2015/16	36	$2,168,696	$2,323,603	$2,478,510				$6,970,809				100%	$6,970,809	N/A

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Local Road Improvements - Prioritised (includes New and Improved)

Org	Project Name	Comments		Phase	Safety	Effiiciency	Resilience	Scheduled Start Date	Scheduled Duration (Months)	Project Cost Estimates ($)			NZTA Funding Sought				RTC Rating	NZTA comment on rating
										15/16	16/17	17/18	Project Costs	FAR	NZTA Share	Cum NZTA Total		
WDC	Mill Rd/Nixon St Upgrade		Commited project	Construction				2015/16	12	$3,550,000	$0	$0	$3,550,000	61%	$2,165,500	$2,165,500	Approved	
FNDC	Bridge Replacements 2015-2022	Programme to be developed for year 2 of 215-18.	Bridge replacements over $300k to improve route resilience and freight efficiency. Reduce the number of weight restricted bridges following demand from the freight industry to use heavier trucks.	Construction			Y	2016/17	24	$0	$1,000,000	$1,000,000	$2,000,000	60%	$1,200,000	$3,365,500	2	Bridge upgardes are supported
WDC	HPMV Bridge Upgrades	Pavement issues make 50MAX a better option. Not critical for 2015-18. WDC are happy to resolve pavement issues first.	Upgrading of the bridges at Titoki and Twin Bridges on the Mangakahia Rd forestry route to take 62t trucks.	Construction				2015/16	24	$1,273,286	$1,327,159	$0	$2,600,445	100%	$2,600,445	$5,965,945	2	Unlikely to proceed 2015-18 due to pavement issues.
WDC	Old Tokatoka Road Bridge 150 Upgrade		Replacement of an old timber rail overbridge that has a current weight restriction	Construction			Y	2016/17	12	$0	$457,200	$0	$457,200	53%	$242,316	$6,208,261	2	Agreed rating
WDC	Thompson Rd Bridge 129 Upgrade		Upgrade and strengthening of an old timber rail overbridge that has a current weight restriction	Construction		Y		2015/16	12	$401,600	$0	$0	$401,600	53%	$212,848	$6,421,109	2	Agreed rating
FNDC	Dust Mitigation Programme 2015/18 (Regional Improvement)	Dust Issue with High logging traffic	To seal 100m lengths of road in front of houses closer than 50m to the unsealed road where dust is effecting the health of the residents. Roads prioritised by logging volumes, logging dates and proximity of houses to the road.	Construction				2015/16	36	$1,200,000	$1,200,000	$1,200,000	$3,600,000	60%	$2,160,000	$8,581,109	3	Not yet agreed
WDC	House Frontage Sealing on Heavy Vehicle Routes (Regional Improvement)	Dust Issue with High logging traffic	Sealing of 100m strips in front of houses affected by dust on heavy vehicle routes. Ten year programme to address 120 affected dwellings at 100 locations.	Construction				2015/16	36	$464,168	$459,722	$466,057	$1,389,947	53%	$736,672	$9,317,781	3	Not yet agreed
WDC	Maunu Road/Porowini Ave Intersection Improvements	Whg Transportation Ring Road Improvements	Upgrade of an existing intersection to improve access to and from Porowini Ave following the completion of the Porowini Ave Extension project.	Construction		Y		2016/17	12	$0	$508,000	$0	$508,000	53%	$269,240	$9,587,021	5	Agreed rating
WDC	Riverside Dr/Dave Culham Dr Intersection Improvements	Whg Transportation Ring Road Improvements	Upgrade of an existing intersection to address capacity issues following the completion of the Lower Hatea River Crossing project.	Construction		Y		2017/18	12	$0	$0	$515,000	$515,000	53%	$272,950	$9,859,971	5	Agreed rating
WDC	Tarewa Rd/Porowini Ave Intersection Improvements	Whg Transportation Ring Road Improvements	Upgrade of an existing intersection to address capacity issues following the completion of the Porowini Ave Extension project.	Construction			Y	2015/16	12	$502,000	$0	$0	$502,000	53%	$266,060	$10,126,031	5	Agreed rating
FNDC	Diggers Valley Seal Extension (Regional Improvement)	Dust Issue with High logging traffic	To seal 6km of Diggers Valley Road (22km total length) where there are 22 houses located closer than 50m from the unsealed road. Outcome will improve health by reducing dust and improve freight efficiency because trucks will not have to slow down to reduce dust.	Construction				2015/16	24	$1,200,000	$1,200,000	$0	$2,400,000	60%	$1,440,000	$11,566,031	6	Not yet agreed
FNDC	Klinac Lane Extension 2015/18 (Regional Improvement)	This project is to be completed with Waipapa Roundabout SH10 project.	Link road from Klinac Lane to Waipapa Loop Road joining Waipapa commercial/industrial area to the commercial area on Waipapa Loop Road and the proposed Waipapa/SH10 roundabout. Reduce conjestion at Waipapa Loop Road/SH10 intersection and improve safety.	Construction		Y	Y	2015/16	12	$500,000	$0	$0	$500,000	60%	$300,000	$11,866,031	6	Agreed rating
FNDC	Picadilly Road Seal Extension (Regional Improvement)	Dust Issue with High logging traffic	To seal Picadilly road to improve pavement resilience, eliminate dust and improve freight efficiency.	Construction				2015/16	12	$2,000,000	$0	$0	$2,000,000	100%	$2,000,000	$13,866,031	6	Not yet agreed
FNDC	Pipiwai Road Seal Extension (Regional Improvement)	Dust Issue with High logging traffic	To seal 6km of road where there are 10 houses within 50m of road and dust is generated by trucks causing health problems. Outcome will improve health, route resilience and freight efficiency.	Construction				2015/16	12	$1,200,000	$1,200,000	$0	$2,400,000	60%	$1,440,000	$15,306,031	6	Not yet agreed
WDC	Wright Rd/McCardle Road Seal Extension 2015/18 (Regional Improvement)	Dust Issue with High logging traffic	Sealing of the 9km forestry route which connects Pipiwai to Mangakahia Rd. The project will improve the efficiency of logging trucks on this route and will improve safety for road users by reducing dust.	Construction				2015/18	36	$1,500,000	$1,524,000	$1,545,000	$4,569,000	100%	$4,569,000	$19,875,031	6	To be determined

Projects with Funding Approved	Project Cost	NZTA Share	Local Share
Far North District Council	$0	$0	$0
Kaipara District Council	$0	$0	$0
Waitangi	$0	$0	$0
Whangarei District Council	$3,550,000	$2,165,500	$1,384,500
Total	**$3,550,000**	**$2,165,500**	**$1,384,500**

Projects Requiring Funding Approval	Project Cost	NZTA Share	Local Share
Far North District Council	$10,449,192	$7,152,281	$3,296,911
Kaipara District Council	$0	$0	$0
Waitangi	$0	$0	$0
Whangarei District Council	$13,394,000	$10,557,250	$2,836,750
Total	**$23,843,192**	**$17,709,531**	**$6,133,661**

Projects Scheduled to Carry over Funding	Project Cost	NZTA Share	Local Share
Far North District Council	#REF!	#REF!	#REF!
Kaipara District Council	$0	$0	$0
Waitangi	$0	$0	$0
Whangarei District Council	$0	$0	$0
Total	**#REF!**	**#REF!**	**#REF!**

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Total Anticipated Expenditure for Northland for the Period 2015 to 2018

Activity Class	Total Anticipated Expenditure						
	Far North District Council	Kaipara District Council	Whangarei District Council	Northland Regional Council	NZ Transport Agency	Waitangi	Northland Region
State Highway Improvements	N/A	N/A	N/A	N/A	#REF!	N/A	**#REF!**
State Highway Maintenance	N/A	N/A	N/A	N/A	$119,266,070	N/A	**$119,266,070**
State Highway Minor Improvements	N/A	N/A	N/A	N/A	$6,970,809	N/A	**$6,970,809**
Local Road Improvements	$10,449,192	$0	$16,944,000	N/A	N/A	$0	**$27,393,192**
Local Road Maintenance	$82,168,805	$43,169,350	$80,251,309	N/A	N/A	$69,100	**$205,658,564**
Local Road Minor Improvements	$9,600,000	$6,629,000	$6,972,209	N/A	N/A	$0	**$23,201,209**
Public Transport	$0	$0	$0	$7,857,702	N/A	$0	**$7,857,702**
Walking and Cycling	$4,750,000	$3,124,350	#REF!	N/A	#REF!	#REF!	**#REF!**
Road Safety Promotion	$3,192,252	$375,000	$1,003,000	$443,397	$0	$0	**$5,013,649**
Investment Management	$1,050,000	$250,000	$269,502	$506,396	$1,750,000	$0	**$3,825,898**
Rail and Sea Freight	$0	$0	$0	$0	$0	$0	**$0**
Domestic Sea Freight Development	$0	$0	$0	$0	$0	$0	**$0**
Total of Activities	**$111,210,249**	**$53,547,700**	**#REF!**	**$8,807,495**	**#REF!**	**#REF!**	**#REF!**

Total Anticipated Expenditure for Northland for the Period 2018 - 2021

Activity Class	Total Anticipated Expenditure						
	Far North District Council	Kaipara District Council	Whangarei District Council	Northland Regional Council	NZ Transport Agency	Waitangi	Northland Region
State Highway Improvements	N/A	N/A	N/A	N/A	$55,450,000	N/A	**$55,450,000**
State Highway Maintenance	N/A	N/A	N/A	N/A	$117,404,780	N/A	**$117,404,780**
State Highway Minor Improvements	N/A	N/A	N/A	N/A	$7,500,000	N/A	**$7,500,000**
Local Road Improvements	$9,800,000	$2,462,400	$5,408,183	N/A	N/A	$0	**$17,670,583**
Local Road Maintenance	$88,875,000	$45,630,000	$81,511,872	N/A	N/A	$337,500	**$216,354,372**
Local Road Minor Improvements	$7,500,000	$4,149,000	$7,861,296	N/A	N/A	$0	**$19,510,296**
Public Transport	$0	$0	$0	$8,068,438	N/A	$0	**$8,068,438**
Walking and Cycling	$5,100,000	$0	$1,397,331	N/A	$0	$0	**$6,497,331**
Road Safety Promotion	$3,192,252	$315,000	$1,003,002	$446,624	$0	$0	**$4,956,878**
Investment Management	$750,000	$150,000	$286,286	$540,733	$0	$0	**$1,727,019**
Rail and Sea Freight	$0	$0	$0	$0	$0	$0	**$0**
Domestic Sea Freight Development	$0	$0	$0	$0	$0	$0	**$0**
Total of Activities	**$115,217,252**	**$52,706,400**	**$97,467,970**	**$9,055,795**	**$180,354,780**	**$337,500**	**$455,139,697**

Total Anticipated Expenditure for Northland for the Period 2021 - 2025

Activity Class	Total Anticipated Expenditure						
	Far North District Council	Kaipara District Council	Whangarei District Council	Northland Regional Council	NZ Transport Agency	Waitangi	Northland Region
State Highway Improvements	N/A	N/A	N/A	N/A	$48,000,000	N/A	**$48,000,000**
State Highway Maintenance	N/A	N/A	N/A	N/A	$159,730,690	N/A	**$159,730,690**
State Highway Minor Improvements	N/A	N/A	N/A	N/A	$10,000,000	N/A	**$10,000,000**
Local Road Improvements	$12,000,000	$3,283,200	$5,832,453	N/A	N/A	$0	**$21,115,653**
Local Road Maintenance	$131,382,000	$60,840,000	$119,658,579	N/A	N/A	$71,900	**$311,952,479**
Local Road Minor Improvements	$10,000,000	$4,149,000	$12,293,584	N/A	N/A	$0	**$26,442,584**
Public Transport	$0	$0	$0	$8,142,441	N/A	$0	**$8,142,441**
Walking and Cycling	$6,800,000	$0	$0	N/A	$0	$0	**$6,800,000**
Road Safety Promotion	$4,256,336	$420,000	$1,337,336	$657,798	$0	$0	**$6,671,470**
Investment Management	$1,000,000	$200,000	$453,860	$768,911	$0	$0	**$2,422,771**
Rail and Sea Freight	$0	$0	$0	$0	$0	$0	**$0**
Domestic Sea Freight Development	$0	$0	$0	$0	$0	$0	**$0**
Total of Activities	**$165,438,336**	**$68,892,200**	**$139,575,812**	**$9,569,150**	**$217,730,690**	**$71,900**	**$601,278,088**

Total Anticipated Expenditure for Northland for the 10-Year Period 2015 - 2025

Activity Class	Total Anticipated Expenditure						
	Far North District Council	Kaipara District Council	Whangarei District Council	Northland Regional Council	NZ Transport Agency	Waitangi	Northland Region
State Highway Improvements	N/A	N/A	N/A	N/A	#REF!	N/A	**#REF!**
State Highway Maintenance	N/A	N/A	N/A	N/A	$396,401,540	N/A	**$396,401,540**
State Highway Minor Improvements	N/A	N/A	N/A	N/A	$24,470,809	N/A	**$24,470,809**
Local Road Improvements	$32,249,192	$5,745,600	$28,184,636	N/A	N/A	$0	**$66,179,428**
Local Road Maintenance	$302,425,805	$149,639,350	$281,421,760	N/A	N/A	$478,500	**$733,965,415**
Local Road Minor Improvements	$27,100,000	$14,927,000	$27,127,089	N/A	N/A	$0	**$69,154,089**
Public Transport	$0	$0	$0	$24,068,581	N/A	$0	**$24,068,581**
Walking and Cycling	$16,650,000	$3,124,350	#REF!	N/A	#REF!	#REF!	**#REF!**
Road Safety Promotion	$10,640,840	$1,110,000	$3,343,338	$1,547,819	$0	$0	**$16,641,997**
Investment Management	$2,800,000	$600,000	$1,009,648	$1,816,040	$1,750,000	$0	**$7,975,688**
Rail and Sea Freight	$0	$0	$0	$0	$0	$0	**$0**
Domestic Sea Freight Development	$0	$0	$0	$0	$0	$0	**$0**
Total of Activities	**$391,865,837**	**$175,146,300**	**#REF!**	**$27,432,440**	**#REF!**	**#REF!**	**#REF!**

RELEASED UNDER THE OFFICIAL INFORMATION ACT

[redacted]

From: Gail Wilson
Sent: Tuesday, 17 March 2015 1:59 p.m.
To: 'Matthew Skinner'
Cc: Official Correspondence
Subject: RE: MIN-1263: Akerama Curves backpocket Q&As

Here you go.

2009-2013 crashes

31 crashes:
- 0 fatal crashes
- 1 serious injury crash
- 4 minor injury crashes
- 26 non-injury crashes

Crash types:
- 1 was from loss of control on a straight road
- 28 were from loss of control on a bend
- 1 was from a rear end/obstruction
- 1 miscellaneous

Gail Wilson / **Senior Adviser Official Information**
Official Correspondence Unit

DDI 64 4 894 6283
E gail.wilson@nzta.govt.nz / **w nzta.govt.nz**
National Office / Victoria Arcade, 50 Victoria Street,
Private Bag 6995, Wellington 6141, New Zealand

RELEASED UNDER THE OFFICIAL INFORMATION ACT

From: Gail Wilson [mailto:Gail.Wilson@nzta.govt.nz]
Sent: Tuesday, 17 March 2015 12:25 p.m.
To: Matthew Skinner
Cc: Official Correspondence
Subject: RE: MIN-1263: Akerama Curves backpocket Q&As

Hi Matt

The contractor is Downer NZ.

We have data from 2004-2008 as per below. We will need to source the data from 2009-2014 from our safety engineer (not here today) and the CAS system. It's unlikely we'll be able to source this data this afternoon.

We could try to get it to you tomorrow – ***please confirm you want us to do that, or is the 2004-2008 data enough?***

2004-2008
33 crashes:
- 2 fatal
- 3 serious injury
- 13 minor injury
- 15 non-injury

Crash types:
- 25 were from loss of control
- 5 were head-on
- 2 were from overtaking
- 1 were from crossing/turning.

A further 6 crashes took place downstream of the passing lane and were included as part of the crash analysis for the project.

Gail

Gail Wilson / **Senior Adviser Official Information**
Official Correspondence Unit

DDI 64 4 894 6283
E gail.wilson@nzta.govt.nz / **w** nzta.govt.nz
National Office / Victoria Arcade, 50 Victoria Street,
Private Bag 6995, Wellington 6141, New Zealand

From: Matthew Skinner [mailto:Matthew.Skinner@parliament.govt.nz]
Sent: Tuesday, 17 March 2015 11:35 a.m.
To: Official Correspondence
Subject: Akerama Curves backpocket Q&As

Hi

Could we please get the following questions answered for the Minister's pack for tomorrow, by 2pm today (apologies if they have already been answered):

What are the accident statistics for the current section of road (maybe over the past 10 years)?
Who has the contract been awarded to for the work?

Cheers
Matt

Matt Skinner | Private Secretary – Transport

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Office of Hon Simon Bridges | Minister of Transport
DDI: +64 4 817 9802 | M: +64 21 569 240 | F: +64 4 817 6535
Private Bag 18041 | Parliament Buildings | Wellington 6160 | New Zealand

---

Find the latest transport news, information, and advice on our website:
www.nzta.govt.nz

This email is only intended to be read by the named recipient. It may contain information which is confidential, proprietary or the subject of legal privilege. If you are not the intended recipient you must delete this email and may not use any information contained in it. Legal privilege is not waived because you have read this email.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Attachment 12

From: Carol Rankin
Sent: Monday, 7 April 2014 2:08 p.m.
To: Katie Reid (katie.reid@parliament.govt.nz)
Subject: RE: MIN-0974 Economic benefits Puhoi-Wellsford

Hi Katie

Here's a link to the project summary statement on the website.

http://www.nzta.govt.nz/projects/puhoi-wellsford/docs/project-summary-puhoi-201001.pdf

I hope this helps.

Cheers

Carol Rankin / Senior Adviser
Official Correspondence Unit
Strategy, Communications & Performance Group
DDI 64 4 894 6344
E **carol.rankin@nzta.govt.nz** / W **nzta.govt.nz**

From: Official Correspondence
Sent: Monday, 7 April 2014 1:00 p.m.
To: Rachael Thackwray
Cc: Carol Rankin
Subject: FW: MIN-0974 Economic benefits Puhoi-Wellsford
Importance: High

Hi Rachael

Please see below Minister's office query. Could you please provide the OCU with some information that we can send on to the Minister's office.

I've asked them to confirm when they need it by, but you might want to assume it's today.

Thanks

Vicky Waddon / Senior Adviser
Official Correspondence Unit
DDI 64 4 894 6488
National Office / Victoria Arcade, 50 Victoria Street,
Private Bag 6995, Wellington 6141, New Zealand

From: Katie Reid [mailto:Katie.Reid@parliament.govt.nz]
Sent: Monday, 7 April 2014 12:27 p.m.
To: Official Correspondence
Subject: MIN-0974 Economic benefits Puhoi-Wellsford

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Hi NZTA

Would you please advise what documents (ideally publicly available) regarding the economic benefits of Puhoi – Wellsford, to assist with a request from Minister Joyce's office.

Happy to discuss

Best

Arndrea Mackie (for Katie)

Cheers,
Katie

Katie Reid | **Private Secretary** | Office of Hon Gerry Brownlee | Minister of Transport |
Parliament Buildings, PO Box 18041, Wellington 6160, New Zealand |
T: 04 817 9802 | M: 021 569 240 | F: 04 817 6502 | E: katie.reid@parliament.govt.nz |
W: http://www.beehive.govt.nz and http://www.parliament.govt.nz

---

-----Original Message-----
From: Richard May
Sent: Monday, April 07, 2014 11:03 AM New Zealand Standard Time
To: Katie Reid
Subject: FW:

?

From: Andrew Falloon
Sent: Monday, 7 April 2014 10:47 a.m.
To: Richard May
Subject:

Hi Richard,

Do you have any documents (ideally in the public domain) about economic benefits of Puhoi-Wellsford?

Cheers,

Andrew Falloon | Ministerial Advisor
Office of Hon Steven Joyce
Minister for Economic Development | Minister of Science and Innovation
Minister for Tertiary Education, Skills and Employment | Minister for Small Business
Minister Responsible for Novopay | Associate Minister of Finance
7.2 Executive Wing | Parliament Buildings | Wellington 6160
Tel +64 4 817 6637 | Mob +64 21 936 787 | Fax +64 4 817 6513

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Puhoi to Wellsford

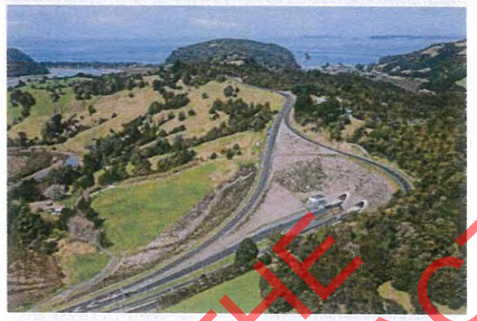
Programme

- The Further North Alliance is on track to obtain the designation and resource consents for the Puhoi to Warkworth section of the RoNS in September 2014. The next phase will be the procurement for detailed design and construction. A Detailed Business Case has now been prepared which considers the potential to deliver best value for money by procuring the project via a Public Private Partnership. The result of this DBC will be presented to the Transport Agency Board in October 2014. Should the result be a recommendation to procure using a PPP the Transport Agency will work with the Ministry of Transport to prepare a Cabinet paper seeking required approvals.

Budget

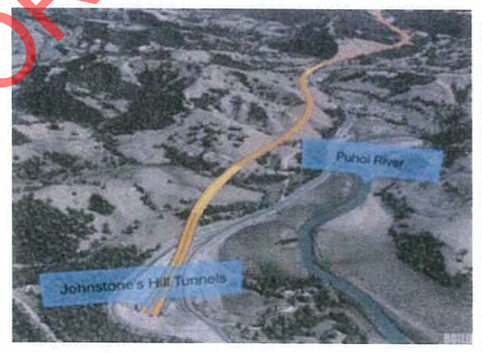
- The budget is $60.4M for the development phase of the project excluding property purchases. Actual spend to date is $35M (47%) and the forecast is on track and within the targets.

Section/Project	Recent Activity	Upcoming Activity
Puhoi to Warkworth	The project was publicly notified on the 16th November 2013. Public submissions closed in December 2013. The Board of Inquiry hearing began on 7 April 2014.	The BOI Hearing is progressing well. It was originally due to be completed at the beginning of May, but is now expected to close on 30 May. This extension to the Hearing is not expected to delay a final decision by the BOI in early September 2014.
Warkworth to Wellsford	The main focus to date has been to progress the Puhoi to Warkworth section.	Future focus, in 2014, will be to pick up the Warkworth to Wellsford work completed to date and determine the strategy for next steps north of Warkworth. This work will be undertaken in parallel to the Puhoi to Warkworth consenting and procurement processes.

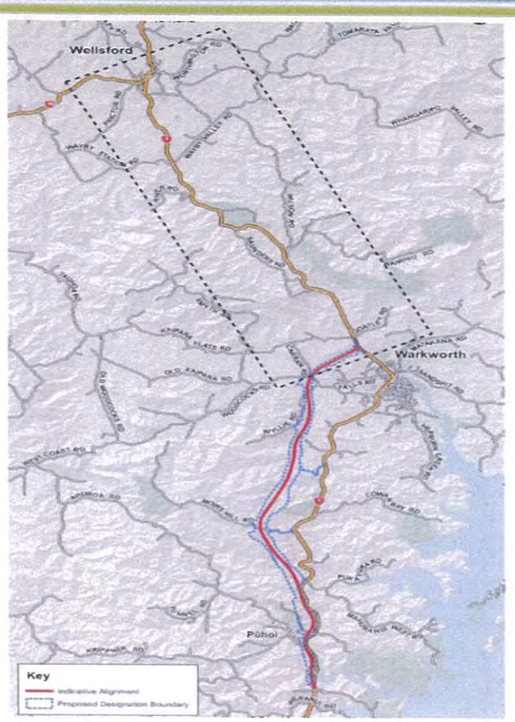


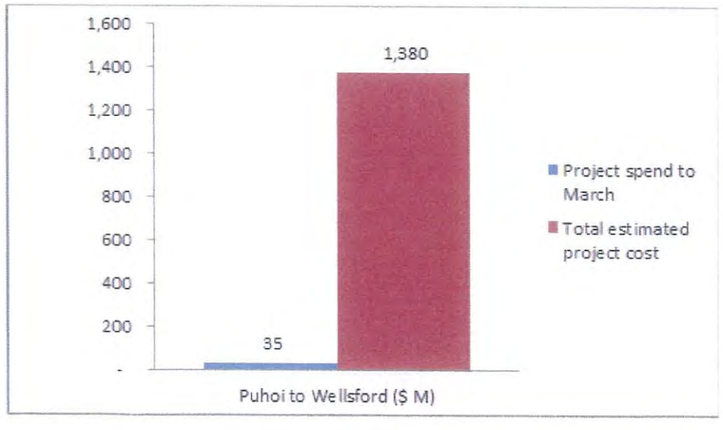
Johnstone's Hill Tunnels - start of the project

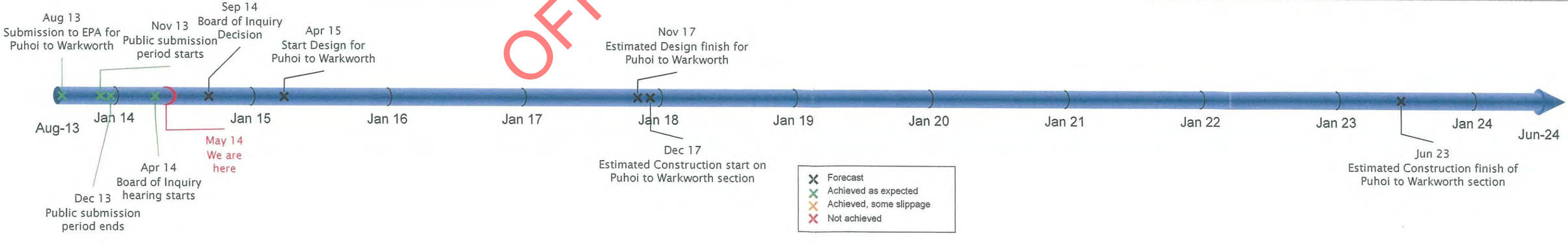
Traffic congestion on SH1



Proposed route – southern start







RELEASED UNDER THE OFFICIAL INFORMATION ACT

Attachment 14

From: Official Correspondence
Sent: Friday, 20 June 2014 1:35 p.m.
To: Katie Reid
Cc: Andrew Martin; Carol Rankin
Subject: RE: MIN-1035 Puhoi to Wellsford

Hi Katie,

Apologies for the delay in getting back to you on this. As discussed the below statement should clarify your question regarding question number 3.

Please let me know if you need anything further.

Cheers
Tony

We have been planning for a construction start date in 2016 for Puhoi to Warkworth but have always been careful to state that any start as early as 2015/16 was dependent on other milestones being met, such as consents, property acquisition and most importantly project funding being available. We told the Board of Inquiry we hoped to start construction in 2016 and we understand Tommy mentioned 2016 when he discussed this with Katie last week. However, there has been some re-prioritisation in the Transport Agency that has placed the Waikato Expressway ahead of Puhoi to Warkworth. This has put Puhoi to Warkworth back a year to 2017. A decision on the final procurement approach for the Puhoi to Warkworth section has not yet been made, although it is likely to be developed as a PPP. Depending on the outcome of the selection of the procurement approach a request for tender document for the Puhoi to Warkworth section may be issued to market in late 2015 or early 2016. From the issue of the request for tender document it will take approximately 18 months for the Transport Agency to complete design development and to award a contract for the construction of the project, which would result in a construction start in 2017. If the priorities were to change, the tender documents could be issued as early as February 2015, which would result in construction start in 2016.

From: Katie Reid [mailto:Katie.Reid@parliament.govt.nz]
Sent: Wednesday, 18 June 2014 4:13 p.m.
To: Official Correspondence
Cc: Carol Rankin
Subject: RE: MIN-1035 Puhoi to Wellsford

Hi Tony,

Slight issue with question number 3 below. We've previously been told that construction will start in 2016 – I had a number of conversations with Tommy Parker about this last week. Both this office and NZTA have spoken to local MPs to confirm that.

Can you please confirm that in fact construction will begin in 2016?

Cheers,
Katie

Katie Reid | **Private Secretary** | Office of Hon Gerry Brownlee | Minister of Transport |
Parliament Buildings, PO Box 18041, Wellington 6160, New Zealand |
T: 04 817 9802 | M: 021 569 240 | F: 04 817 6502 | E: katie.reid@parliament.govt.nz |
W: http://www.beehive.govt.nz and http://www.parliament.govt.nz

RELEASED UNDER THE OFFICIAL INFORMATION ACT

From: Official Correspondence
Sent: Wednesday, 18 June 2014 2:52 p.m.
To: Katie Reid
Cc: Carol Rankin
Subject: RE: MIN-1035 Puhoi to Wellsford

Hi Katie,

We have updated the first four questions/ answers for you.
No change to the last one.

Cheers
Tony

When will the EPA issue a decision on consent?
final decision on the statutory approvals is expected in September 2014.

How long will detailed design and appointing tenders take?
A decision on the final procurement approach for the Puhoi to Warkworth section has not yet been made and may be subject to approvals external to the Transport Agency.
Depending on the outcome of the selection of the procurement approach a request for tender document for the Puhoi to Warkworth section may be issued to market in late 2015 or early 2016.
From the issue of the request for tender document it will take approximately 18 months for the Transport Agency to complete design development and to award a contract for the construction of the project.

When is the earliest date for construction to start on the Puhoi to Warkworth section?
Based on tender documents being issued in 2015/16 the earliest expected date for construction commencement is 2017.

When is the earliest date for completion of the Puhoi to Warkworth section?
Based on construction commencement in 2017 the earliest expected date for construction completion is 2022.

What is happening with the Warkworth to Wellsford section at this stage?
Presently there is no indicative route or construction start date for this section. Once the designation and consents have been secured for the Pūhoi to Warkworth section, the NZ Transport Agency will look to return to the Warkworth to Wellsford work completed to date and determine the next steps forward.

From: Katie Reid [mailto:Katie.Reid@parliament.govt.nz]
Sent: Wednesday, 18 June 2014 9:56 a.m.
To: Official Correspondence
Subject: MIN-1035 Puhoi to Wellsford

Hi Tony,

We've had the following questions come through, could someone please check the below answers, and complete the highlighted question, by 2pm today?

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Attachment 15

From: Bryan Patchett
Sent: Wednesday, 25 June 2014 3:24 p.m.
To: Katie Reid (Katie.Reid@parliament.govt.nz)
Cc: Official Correspondence
Subject: Ara Tūhono – Pūhoi to Wellsford – Construction timing

Hi Katie,

Here are key messages about construction timing for Puhoi to Wellsford.

Regards, Bryan

Ara Tūhono – Pūhoi to Wellsford – Construction timing

Pūhoi to Warkworth construction timing under pay-go revenue

As stated in the Transport Agency Statement of Intent 2014-17, the proposed construction start timing of the Puhoi to Warkworth section, under the pay-go revenue system, is 2017/18.
This timing was confirmed following the recent revenue work carried out by the NZTA/MoT/Treasury which culminated in the 3-3-3 cents/litre FED and RUC increases. Notwithstanding the above, the actual construction start date, under pay-go, will be dependent on actual revenue collected, and the timing and final costs of other activities in the State highway improvements programme.

Readiness to proceed to construction

At the end of August 2013 the Transport Agency lodged an application with the Environmental Protection Authority (EPA) for resource consents and a designation to build the Pūhoi to Warkworth section. A final decision on the statutory approvals is expected in late 2014.
We are currently also progressing with further geotechnical investigations, and other works to get the project to a 'ready to construct' state. It is likely that the project will be ready to proceed to construction before sufficient funding becomes available in 2017/18.

Construction timing as a Public Private Partnership (PPP)

We are currently investigating the opportunity to progress the Pūhoi to Warkworth section as a PPP. A final business case is expected to be presented to the NZTA Board at their October 2014 meeting. Following any approval by the Board, we would seek Cabinet approval from the end of 2014 onwards. If approved by Cabinet, construction would be likely to commence in the 2016/2017 construction season, following completion of the tender process.

Industry resourcing to tender as a PPP

Over the last 6 months we have continued our regular engagement with the industry on our proposed forward works programme. This has highlighted an industry resource constraint, based on their ability to tender our proposed activities (rather than resources to construct them, which are sufficient). As a result of this dialogue, we

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Attachment 16

22/7/14

MIN-1068 Puhoi to Warkworth

Crash statistics for the Puhoi to Warkworth section of the Puhoi to Wellsford RoNS:

Puhoi to Warkworth crash statistics for 2008-2012: (source www.nzta.govt.nz/projects/puhoi-to-warkworth-application/docs/assessment-report-transportation.pdf):

- 65 crashes causing injury on SH1 between Puhoi and Warkworth, of which 4 were fatal
- 174 non-injury crashes
- Giving a total of 239 crashes for this stretch of road
- 15 of these were head-on crashes.

In the five years up to 2012 there were on average 13 injury crashes per year on SH1 between Puhoi and the proposed northern connection of the project (just north of Warkworth).

Economic return on investment

We do not have available a specific dollar figure that quantifies the return on investment. The most relevant items referring to economic benefits are:

- January 2010 Puhoi to Wellsford project summary statement on the website that includes the overall BCR figures. Available online at www.nzta.govt.nz/projects/puhoi-wellsford/docs/project-summary-puhoi-201001.pdf.
- Letter summarising the economic benefits supplied as part of the Transport Agency's application for resource consents/designation for the Puhoi to Warkworth section of the RoNS, available online at www.nzta.govt.nz/projects/puhoi-to-warkworth-application/docs/aee-appendix-c.pdf.

Benefits of Puhoi to Wellsford RoNS:

Economic growth – Enhances inter-regional and national economic growth and productivity by improving the movement of people and freight between Northland and Auckland.
Resilience – Improves the reliability of the transport network through a more robust and safer route between Auckland and Northland. The new four-lane, RoNS-standard motorway provides another alternative route for drivers in the event of traffic and environmental incidents.
Safety – Provides a safer four-lane motorway for drivers, who will experience improved sight lines, more gradual grades and smoother corners.
Freight – Smoother grades, more reliable travel times and less wear and tear on trucks.
Regional growth – The first stage between Puhoi and Warkworth will support the anticipated growth of Warkworth as outlined in the Auckland Plan.

RELEASED UNDER THE OFFICIAL INFORMATION ACT

From: Carol Rankin
Sent: Monday, 25 August 2014 3:20 p.m.
To: Katie Reid (katie.reid@parliament.govt.nz)
Cc: Official Correspondence; Patrick Kelly
Subject: FW: Puhoi timing

Hi Katie

Both web pages say the same thing now. We are keeping the construction start date period on our website at 2016-19 because the procurement method has not yet been determined and, while we are aiming for a construction start towards the beginning of that period, this is still dependent on sufficient funding.

Cheers

Carol Rankin / Senior Adviser
Official Correspondence Unit
Strategy, Communications & Performance Group
DDI 64 4 894 6344
E carol.rankin@nzta.govt.nz / W nzta.govt.nz

From: Katie Reid [mailto:Katie.Reid@parliament.govt.nz]
Sent: Wednesday, 20 August 2014 2:54 p.m.
To: Official Correspondence
Subject: Puhoi timing

Hi Tony,

I've just had another query about the timing for Puhoi to Warkworth.

The NZTA website says: http://www.nzta.govt.nz/projects/puhoi-wellsford/index.html

Between 2016 – 2019
Construction anticipated to start

Between 2021 – 2025
Estimated completion

And also http://nzta.govt.nz/network/projects/puhoi-to-wellsford/ :

- **Construction start date**

2015-2019

- **Construction completion date**

2020-2025

RELEASED UNDER THE OFFICIAL INFORMATION ACT

From: Carol Rankin
Sent: Tuesday, 24 March 2015 10:09 a.m.
To: 'Matthew Skinner'
Cc: Official Correspondence
Subject: RE: Puhoi to Wellsford - Kauri trees

Hi Matt

The Transport Agency estimates fewer than five kauri are located on DoC land within the Pūhoi to Warkworth designation. There is no designation for the Warkworth to Wellsford stage of the RoNS.

Cheers

Carol Rankin / Senior Adviser
Official Correspondence Unit
Strategy, Communications & Performance Group
DDI 64 4 894 6344
carol.rankin@nzta.govt.nz / w nzta.govt.nz

From: Matthew Skinner [mailto:Matthew.Skinner@parliament.govt.nz]
Sent: Monday, 23 March 2015 6:18 p.m.
To: Official Correspondence
Subject: RE: Puhoi to Wellsford - Kauri trees

Hi

Just following up on this one — when can I expect a response by?

Thanks
Matt

Matt Skinner | Private Secretary – Transport
Office of Hon Simon Bridges | Minister of Transport
DDI: +64 4 817 9802 | M: +64 21 569 240 | F: +64 4 817 6535
Private Bag 18041 | Parliament Buildings | Wellington 6160 | New Zealand

---

From: Matthew Skinner
Sent: Friday, 20 March 2015 2:22 p.m.
To: Official Correspondence
Subject: Puhoi to Wellsford - Kauri trees

Hi

Another question on the kauri trees. On Tuesday you gave us some information in response to an oral PQ. I have had a question on this, to which I need an answer as soon as possible:

Of the kauri trees on the potential designation for the Puhoi to Wellsford RONS, how many (if any) are on DOC land? Please note that the response we provide may be used by the Conservation Minister in the media.

Cheers

RELEASED UNDER THE OFFICIAL INFORMATION ACT