

## Overview

The Roding division is responsible for the land transport activity and covers management of all land transport matters, including the city's network of local roads.

Part of council's function is to ensure that the residents and visitors to Upper Hutt can move freely, efficiently and safely throughout the city. The Land Transport Programme provides the means of doing this by ensuring that there is a well maintained roading network that permits easy access to all parts of the city and that integrates with the public transport system.

The roading network is made up of 238km of roads, virtually all of which are sealed. These comprise of 155.5km of sealed urban road, 82.5km of sealed rural road and 1.3km of unsealed rural road. Upper Hutt also contains 46 road bridges, 6 foot bridges, and 12 off-road carparks, with a total replacement value of \$518.4 million excluding land value. Council undertakes roading improvements; manage roundabouts, street cleaning, and development and enhancement of cycleways, footpaths and street lights. State Highway 2 runs the length of the district, from Silverstream through to the Rimutaka Summit, linking Upper Hutt to Lower Hutt, Wellington and the Wairarapa. We also undertake mowing (to improve road safety) and future planning – including working with regional partners and government agencies on current and future transport matters that impact our city.

State Highway 58, although largely outside of Upper Hutt, provides an important link across to Porirua and the Kapiti Coast. The highway system is the responsibility of New Zealand Transport Agency.

Part XXI, section 319 of the Local Government Act 1974 places a requirement on council to construct (upgrade) and repair roads in such a manner as the council sees fit.

Each year council prepares a District Land Transport Programme. This District Land Transport Programme becomes an integrated part of the Regional Transport Plan of the Land Transport Amendment Act 2008 and is aimed at achieving an affordable, integrated, safe, responsive and sustainable land transport system for the city which is consistent with the relevant Government Policy Statement. It also considers the Regional Land Transport Strategy.

Preparation of the District Land Transport Programme is part of the Long Term Council Community Plan process and takes into account how each activity or activity class:

- assists economic development
- assists safety and personal security
- improves access and mobility
- protects and promotes public health
- ensures environmental sustainability.

## Proposed project:

### Enhance cycle and walkway linkages

It is proposed that the Hutt River Trail be extended along the stop bank from Moonshine Bridge to opposite Poplar Grove with a sealed surface suitable for walking and cycling. The cost of this project is \$642,000 of which council will allocate 45 percent and NZTA will contribute 55 percent.

# Land transport

## Level of service objectives and performance measures

### Objective

Council will maintain a safe local roading network with a high quality riding surface and effective directional signage, street lighting and road markings.

### 1. Road surfaces

Indicator	<b>1a. Average smoothness of all city roads</b>
Performance Measure	NAASRA* counts
Target 2011-12	The average roughness of all roads is less than or equal to 125 NAASRA counts <sup>2</sup>

Indicator	<b>1b. Smoothness of urban sealed roads</b>
Performance Measure	NAASRA* counts
Target 2011-12	Length of urban roads with a roughness less than 150 NAASRA counts is greater than or equal to 75% <sup>2</sup>

Indicator	<b>1c. Smoothness of rural sealed roads</b>
Performance Measure	NAASRA* counts
Target 2011-12	Length of rural roads with a roughness less than 150 NAASRA counts is greater than or equal to 70% <sup>2</sup>

### 2. Road riding surface

Indicator	
Performance Measure	Community satisfaction with the riding surface of the city's roads
Target 2011-12	91 percent of respondents rate the road riding surface as satisfactory <sup>1</sup>

### 3. Safety

Indicator	<b>3a. Road design</b>
Performance Measure	Carry out an investigation on each black spot identified in the safety report prepared by the Land Transport Safety Authority
Target 2011-12	Investigations will be undertaken on identified black spots on all local streets that have had a significant increase in crashes in the past year <sup>3</sup>

Indicator	<b>3b. Road marking satisfaction</b>
Performance Measure	Community satisfaction with the city's road markings
Target 2011-12	92 percent of survey respondents rate the city's road markings as satisfactory or better <sup>1</sup>

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## 4. Street lighting

Indicator	
Performance Measure	Street lights inspection
Target 2011-12	Achieve a minimum 97.5 percent of streetlights working in the annual citywide streetlight inspection <sup>4</sup>

## 5. Satisfaction

Indicator	<b>5a. Streetlights</b>
Performance Measure	Community satisfaction with the street lighting throughout the city
Target 2011-12	90 percent of community survey respondents rate street lighting as satisfactory or better <sup>1</sup>

Indicator	<b>5b. Street cleanliness</b>
Performance Measure	Community satisfaction with the cleanliness of the city's streets
Target 2011-12	90 percent of respondents rate street cleanliness as satisfactory or better <sup>1</sup>

Indicator	<b>5c. Directional signage</b>
Performance Measure	Community satisfaction with the city's directional signage
Target 2011-12	90 percent of respondents rate directional signage as satisfactory or better <sup>1</sup>

### Objective

Council will provide convenient car parking for the central city and commuters.

## 6. Road surfaces

Indicator	<b>1a. Car parks satisfaction</b>
Performance Measure	Community satisfaction with the city's car parks
Target 2011-12	90 percent of respondents rate car parks as satisfactory or better <sup>1</sup>

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## Objective

Council will provide attractive and safe conditions for pedestrians and cyclists.

## 7. Footpaths

Indicator	<b>7a. Footpath condition</b>
Performance Measure	Assessment of footpath conditions to mitigate dangerous surface conditions developing
Target 2011-12	85 percent of all footpaths are rated as having a defects value of 29 or less <sup>5</sup>

Indicator	<b>7b. Footpath satisfaction</b>
Performance Measure	Community satisfaction with footpaths in commercial and residential areas
Target 2011-12	90 percent of survey respondents rate footpaths in commercial and residential areas as satisfactory or better <sup>1</sup>

## Objective

Council will undertake capital and asset management works in a cost effective manner.

## 8. Works

Indicator	
Performance Measure	Completion of Capital Works (Refer to Work Programme)
Target 2011-12	Works completed within budget

<sup>1</sup>NAASRA counts are a standard measure of the road surface riding comfort. Typically, the roughness value for a new road is between 70 and 90 NAASRA counts per kilometre.

<sup>2</sup>Annual Community Survey

<sup>3</sup>In-house monitoring using data received from the Road Asset Maintenance Management System contract

<sup>4</sup>Identified in the Upper Hutt safety report prepared by the New Zealand Transport Agency and measured as crashes per 100 million vehicle-kilometres travelled on local roads.

<sup>5</sup>Annual Street lighting Survey

<sup>6</sup>Rating is measured as a computation of the number of defects over a 50 metre length with a weighting for severity. Defects are measured as part of the Road Asset Maintenance Management System rating surveys.

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Works programme	Forecast	Forecast	Forecast	Source of Funding 2011-12
	LTCCP	Annual Plan	Variation	
	Year 3	Year 3	Year 3	
	2011-12	2011-12	2011-12	
	(\$000)	(\$000)	(\$000)	
<b>Asset management</b>				
Street drainage	307	307	0	Rates/Land Transport New Zealand (LTNZ)
Resealing	1,087	884	(203)	Rates/LTNZ
Road marking and signage	289	271	(18)	Rates/LTNZ
Lighting	249	248	(1)	Rates/LTNZ
Minor safety	289	265	(24)	Rates/LTNZ/Other Income/Special Fund, Rooding Development Contribution
Bridge refurbishments	1,055	0	(1,055)	Loans/LTNZ
Footpaths	382	382	0	Rates
Carparks and bus shelters	35	19	(16)	Rates/Greater Wellington Regional Council/Accumulated Funds
Litter bin replacement	4	4	0	Rates
Enhance cycle and walkway Linkages - Hutt River Trail Extension on stopbank	642	642	0	Loans/LTNZ
Miscellaneous work	73	73	0	Rates/Special Funds - Blue Mountain Road
<b>Capital works</b>				
Gibbons Street project	4	0	(4)	Rates
Rural roads upgrades	343	213	(130)	Special Funds -Rooding Development Contribution
<b>Total land transport works programme</b>	<b>4,759</b>	<b>3,308</b>	<b>(1,451)</b>	

Approved carryover projects from previous year's budget	Funded by
Akatarawa Bridge refurbishment	2,000 Loans/LTNZ subsidies
SH2 Gibbons to CBD	154 Rates/LTNZ subsidies
Walking and cycling strategy	38 Rates/LTNZ subsidies
CBD development	56 Loan
Katherine Mansfield upgrade	30 Rooding development contribution
Minor safety entrance signs	60 Rates/subsidies
<b>Total</b>	<b>2,338</b>

# Land transport

<b>Cost of service statement</b>	<b>Forecast Annual Plan Year 2 2010-11 (\$ 000)</b>	<b>Forecast LTCCP Year 3 2011-12 (\$ 000)</b>	<b>Forecast Annual Plan Year 3 2011-12 (\$ 000)</b>	<b>Forecast Variation Year 3 2011-12 (\$ 000)</b>
<b>Operating statement</b>				
General rates	4,465	4,393	4,577	184
Operating income	5,874	4,459	3,443	(1,016)
<b>Total operating revenue</b>	<b>10,339</b>	<b>8,852</b>	<b>8,020</b>	<b>(832)</b>
Operating costs	3,619	3,704	3,704	0
Interest	404	393	424	31
Depreciation	4,255	3,668	4,030	362
<b>Total operating costs</b>	<b>8,278</b>	<b>7,765</b>	<b>8,158</b>	<b>393</b>
<b>Operating surplus/(deficit)</b>	<b>2,061</b>	<b>1,087</b>	<b>(138)</b>	<b>(1,225)</b>
<b>Capital and reserves funding statement</b>				
Capital expenditure	7,557	4,759	3,308	(1,451)
Loans repayments	284	300	285	(15)
Operating (surplus)/deficit	(2,061)	(1,087)	138	1,225
Transfer to Funds	171	157	173	16
<b>Total funding required</b>	<b>5,951</b>	<b>4,129</b>	<b>3,904</b>	<b>(225)</b>
Funding from non-cash expenses	3,474	2,972	3,294	322
Loans raised	2,254	764	289	(475)
Transfer from funds	223	393	321	(72)
Accumulated funds	0	0	0	0
<b>Transfer from funds applied</b>	<b>5,951</b>	<b>4,129</b>	<b>3,904</b>	<b>(225)</b>