

Land transport

Overview

The roading 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 237.9km of roads, virtually all of which are sealed. These comprise of 154.1km of sealed urban road, 82.5km of sealed rural road and 1.3km of unsealed rural road. Upper Hutt also contains 46 road bridges, six foot bridges and 12 off-road carparks, with a total replacement value of \$499.8 million. 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. 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 21, 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 programme becomes an integrated part of the Regional Land Transport Plan complying with 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 LTCCP 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; and
- ensures environmental sustainability.

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Level of service objectives and performance measures

Indicator	Performance measure	Target 2010/11
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		
1a Average smoothness of all city roads	NAASRA* counts	The average roughness of all roads less than or equal to 125 NAASRA counts ²
1b Smoothness of urban sealed roads	NAASRA* counts	Length of urban roads with a roughness less than 150 NAASRA counts is greater than or equal to 75% ²
1c Smoothness of rural sealed roads	NAASRA* counts	Length of rural roads with a roughness less than 150 NAASRA counts is greater than or equal to 70% ²
2 ROAD RIDING SURFACE	Community satisfaction with the riding surface of the city's roads	91% of respondents rate the road riding surface as satisfactory ¹
3 SAFETY		
3a Road design	Carry out an investigation on each black spot identified in the safety report prepared by the Land Transport Safety Authority	Investigations will be undertaken on identified black spots on all local streets that have had a significant increase in crashes in the past year ³
3b Road marking satisfaction	Community satisfaction with the city's road markings	92% of survey respondents rate the city's road markings as satisfactory or better ¹
4 STREET LIGHTING	Street lights inspection	Achieve a minimum 97.5% of street lights working in the annual city-wide street light inspection ⁴
5 SATISFACTION		
5a Street lights	Community satisfaction with the street lighting throughout the city	90% of community survey respondents rate street lighting as satisfactory or better ¹
5b Street cleanliness	Community satisfaction with the cleanliness of the city's streets	90% of respondents rate as satisfactory or better ¹
5c Directional signage	Community satisfaction with the city's directional signage	90% of respondents rate as satisfactory or better ¹

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Indicator	Performance measure	Target 2010/11
Objective:	Council will provide convenient car parking for the central city and commuters.	
6 CAR PARKS SATISFACTION	Community satisfaction with the city's carparks	90% of respondents rate as satisfactory or better ¹
Objective:	Council will provide attractive and safe conditions for pedestrians and cyclists.	
7 FOOTPATHS		
7a Footpath condition	Assessment of footpath conditions to mitigate dangerous surface conditions developing	85% of all footpaths are rated as having a defects value of 29 or less ⁵
7b Footpath satisfaction	Community satisfaction with footpaths in commercial and residential areas	90% of survey respondents rate footpaths in commercial and residential areas as satisfactory or better ¹
Objective:	Council will undertake capital and asset management works in a cost effective manner.	
8 WORKS	Completion of capital works	Works completed within budget (refer to works programme)

* 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.

¹ Annual Community Survey

² In-house monitoring using data received from the Road Asset Maintenance Management System contract

³ Identified in the Upper Hutt safety report prepared by the NZ Transport Agency and measured as crashes per 100 million vehicle-kilometres travelled on local roads.

⁴ Annual Street Lighting Survey

⁵ 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 2010/11
	LTCCP Year 2 2010/11 (\$000)	Annual Plan Year 2 2010/11 (\$000)	Variation Year 2 2011/12 (\$000)	
Asset management				
Street drainage	302	301	(1)	Rates/NZ Transport Agency (NZTA)
Resealing	1,060	958	(102)	Rates/NZTA
Road marking and signage	282	282	0	Rates/NZTA
Lighting	116	117	1	Rates/NZTA
Minor safety	284	278	(6)	Rates/NZTA
Footpaths	374	374	0	Rates
Carparks and bus shelters	34	19	(15)	Rates/Greater Wellington Regional Council/Accumulated Funds
Litter bin replacement	4	4	0	Rates
Totara Park bridge seismic strengthening	329	0	(329)	Loans/NZTA
Enhance the route into the CBD from SH2	154	154	0	Rates/NZTA
Gibbons Street to CBD signage upgrade	31	31	0	Rates/NZTA
Enhance Cycle and Walkway Strategy	95	95	0	Rates/NZTA
Akatarawa Road safety upgrade	560	0	(560)	Loans/NZTA
Miscellaneous work	72	73	1	Rates/Special Funds - Blue Mountain Road
Akatarawa Road Bridges	0	4,553	4,553	Loans/NZTA
Capital works				
Revitalisation of CBD	0	250	250	
Gibbons Street project	36	0	(36)	Rates
Strategic review of parking supply and demand in the CBD	64	0	(64)	Rates
Rural roads upgrades	38	68	30	Special Funds - Roading Development Contribution
Total works expenditure programme	3,835	7,557	3,722	

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COST OF SERVICE STATEMENT	Forecast	Forecast	Forecast	Forecast
	Annual Plan	LTCCP	Annual Plan	Variation
	Year 1	Year 2	Year 2	Year 2
	2009/10	2010/11	2010/11	2010/11
	(\$ 000)	(\$ 000)	(\$ 000)	(\$ 000)
Operating Statement				
Rates	4,179	4,399	4,465	66
Operating Income	3,779	4,071	5,874	1,803
Total Operating Revenue	7,958	8,470	10,339	1,869
Operating Costs	3,524	3,593	3,619	26
Interest	356	376	404	28
Depreciation	3,536	3,559	4,255	696
Total Operating Costs	7,416	7,528	8,278	750
Operating Surplus/(Deficit)	542	942	2,061	1,119
Capital and Reserves Funding Statement				
Capital Expenditure	4,636	3,835	7,557	3,722
Loans Repayments	266	284	284	0
Operating (Surplus)/Deficit	(542)	(942)	(2,061)	(1,119)
Transfer to Funds	140	171	171	0
Total Funding Required	4,500	3,348	5,951	2,603
Funding from Non-Cash Expenses	2,804	2,804	3,474	670
Loans Raised	1,530	456	2,254	1,798
Transfer from Funds	166	88	223	135
Accumulated Funds	0	0	0	0
Transfer from Funds Applied	4,500	3,348	5,951	2,603