

Capital Programme Data

Capital Programme

The capital programme (BAU) is in 2006/07 dollars and significantly higher than the long run \$130m pa.

The 2006/07 and 2007/08 years in particular are very high, \$208m and \$223m respectively.

During the week 13-17 February, we will go through various options re capex levels.

Any change to 2006/07 will not have a significant impact on rates.

Attached are detailed sheets on the main infrastructure areas – Streets, City Water and Waste, and Greenspace.

CAPITAL PROGRAMME COMPARISON

Fiscal year	2006		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007/2016
Profit Center	Plan		Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Totals
▽	155,825	Current Forecast	208,346	222,856	181,418	139,967	114,872	141,883	153,739	145,087	131,698	134,918	1,604,874
		27 Oct option 3											
		base + large base	136,660	129,009	105,114	99,681	98,839	100,825	97,512	100,013	92,800	95,566	1,056,019
		base no choice	9,491	10,286	23,400	13,400	4,900	14,900	5,060	4,900	4,900	4,900	96,137
		choice	10,631	19,557	9,733	-850	7,042	-1,187	25,157	17,439	31,544	28,778	147,844
		total	156,782	158,852	138,247	112,231	110,781	114,538	127,729	122,352	129,244	129,244	1,300,000
		Ltccp increase	51,564	64,004	43,171	27,736	4,091	27,345	26,010	22,735	2,454	5,674	304,874

City Water & Waste year Capital Programme - 8th Feb 2006	Draft 10	Profit Centre	Plan 2007 (\$000's)	Plan 2008 (\$000's)	Plan 2009 (\$000's)	Plan 2010 (\$000's)	Plan 2011 (\$000's)	Plan 2012 (\$000's)	Plan 2013 (\$000's)	Plan 2014 (\$000's)	Plan 2015 (\$000's)	Plan 2016 (\$000's)	Total 10 Years (\$000's)
Total City Water & Waste Capital Programme (8 Feb 06)			63,452	76,822	46,057	31,731	31,215	29,397	42,751	37,919	27,477	27,600	414,421
City Water & Waste Base Capital Programme (8 Feb 06)			63,052	66,822	34,457	31,731	31,065	28,547	35,751	30,377	26,375	26,498	374,675
CWW Base Capital Programme (27 Oct 05 Option 3)			58,049	54,238	23,147	21,585	26,361	21,111	16,670	17,975	11,090	12,340	262,566
Change since 27 October - Increase / (Decrease)			5,003	12,584	11,310	10,146	4,704	7,436	19,081	12,402	15,285	14,158	112,109
City Water & Waste Fixed Assets			2,927	2,231	1,108	1,416	1,487	1,101	1,425	1,683	2,124	1,619	17,120
Fixed Assets: Renewals & Replacements			1,541	1,884	459	944	991	644	907	1,116	1,557	852	10,894
Fixed R&R Business	52201		75	75	75	75	75	75	75	75	75	75	750
Fixed R&R Wastewater - Laboratory	52202		120	35	38	52	85	30	57	220	30	261	928
Fixed R&R Wastewater - Pumping	52203		65	65	65	415	415	415	415	415	415	415	3,100
Fixed R&R Wastewater Treatment Works	52205		1,261	1,648	51	327	341	51	300	11	837	11	4,837
Fixed R&R Solid Waste	52206		20	61	230	75	75	73	60	395	200	90	1,279
Fixed Assets: Assets Improvements			137	217	517	322	362	322	382	432	432	532	3,657
Fixed Impr Business	52208		30	30	30	30	30	30	30	30	30	30	300
Fixed Impr Solid Waste	52209		72	102	102	102	102	102	102	102	102	102	992
Fixed Impr Treatment Works	52233		35	85	385	190	230	190	250	300	300	400	2,365
Fixed Assets: New Assets			1,249	130	131	150	134	135	135	135	135	235	2,569
Fixed New Business	52210		30	30	30	30	30	30	30	30	30	30	300
Fixed New Wastewater - Pumping	52211		-	-	-	18	-	-	-	-	-	-	18
Fixed New Solid Waste	52213		1,099	100	101	102	104	105	105	105	105	105	2,031
Fixed New Treatment Works	52232		120	-	-	-	-	-	-	-	-	100	220
City Water & Waste Infrastructure Assets			18,991	17,678	16,478	16,818	16,458	16,425	20,756	15,715	16,332	16,461	172,113
Infras. Assets: Renewal & Replacements			8,797	9,323	7,541	7,874	8,760	8,124	8,822	9,397	8,514	8,457	85,608
Infra R&R Wastewater - Pumping	52215		361	611	261	261	386	386	261	261	386	261	3,438
Infra R&R Wastewater - Reticulation	52216		1,909	1,909	1,909	1,905	2,355	2,355	2,355	2,355	2,355	2,355	21,764
Infra R&R Wastewater -Treatment Works	52217		1,228	878	428	533	473	473	1,423	573	573	572	7,152
Infra R&R Reticulation Mains	52225		1,872	1,872	2,332	2,331	2,331	2,791	2,791	2,791	3,221	3,221	25,552
Infra R&R Reticulation Submains	52226		1,411	1,411	1,111	1,111	1,111	1,111	690	690	690	690	10,027
Infra R&R Headworks	52227		2,015	2,642	1,499	1,733	2,104	1,008	1,302	2,727	1,289	1,357	17,675
Infras. Assets: Asset Improvements			6,177	3,757	4,812	2,753	2,248	3,294	6,938	1,793	2,543	2,591	36,906
Infra Impr Wastewater - Pumping	52218		175	215	170	220	290	771	750	270	270	320	3,451
Infra Impr Wastewater - Reticulation	52219		4,155	587	2,957	850	410	1,235	4,400	600	850	849	16,894
Infra Impr Wastewater -Treatment Works	52220		1,382	2,572	1,272	1,328	1,193	933	1,433	567	1,067	1,067	12,813
Infra Impr Water Supply	52228		465	383	413	355	355	355	355	355	355	355	3,749
Infras. Assets: New Assets			4,018	4,597	4,125	6,191	5,450	5,007	4,996	4,526	5,276	5,413	49,599
Infra New Wastewater - Pumping	52221		-	150	300	755	-	280	-	280	-	280	2,045
Infra New Wastewater - Reticulation	52222		1,107	992	787	1,716	1,646	1,746	946	796	946	995	11,675
Infra New Wastewater Treatment Works	52223		657	1,157	207	198	197	197	197	197	197	196	3,401
Infra New Reticulation (Mains/Submains)	52224		703	453	503	752	752	752	752	752	752	742	6,911
Infra New Headworks and Schemes	52229		286	580	1,063	1,512	1,802	694	1,562	1,162	2,042	1,862	12,566
Infra New Recoverable	52230		1,266	1,266	1,267	1,258	1,054	1,339	1,538	1,338	1,338	1,337	13,002
City Water & Waste Liability Reductions			1,994	703	521	521	521	521	521	521	521	520	6,862
Liability Reductions	52601		1,994	703	521	521	521	521	521	521	521	520	6,862
Large Base Items			39,140	46,210	16,350	12,976	12,600	10,500	13,050	12,458	7,398	7,898	178,580
CWTP 5th & 6th Digester (PC 52223)	522/352		8,000	6,710	-	-	-	-	-	-	-	-	14,710
CWTP Ocean Outfall (PC 52223)	522/353		25,100	36,750	12,000	-	-	-	-	-	-	-	73,850
Western Interceptor Stage 1 - Bass to Fitzgerald (PC 52219)	522/431		5,390	500	-	-	-	-	-	-	-	-	5,890
Western Interceptor Stages 2 to 4 (PC 52219)	522/647		-	-	-	226	1,000	6,000	6,000	5,458	2,898	2,898	24,480
CWTP Allen Engine Replacement (PC 52205)	522/581		-	-	-	250	2,500	2,100	-	-	-	-	4,850
CWTP Renewals (PC 52205)	522/643		350	350	350	2,500	2,500	1,500	2,500	1,500	2,500	3,000	17,050
Maidstone Storage & Pumping Main (PC 52219)	522/592		100	400	1,500	5,000	3,500	-	-	-	-	-	10,500
Grassmere Storage (PC 52219)	522/591		200	1,500	2,500	5,000	3,000	-	-	-	-	-	12,200
Pump Station 11 2nd Pressure Main (PC 52219)	522/598		-	-	-	-	-	100	1,850	5,500	-	-	7,450
Wigram Halswell Pressure Main Stage 2 (PC 52219)	522/593		-	-	-	-	100	800	2,700	-	-	-	3,600
South West Sector Trunk Expansion (PC 52219)	522/645		-	-	-	-	-	-	-	-	2,000	2,000	4,000
No Choice Items			400	10,000	11,600	-	150	850	7,000	7,542	1,102	1,102	39,746
CWTP BioSolids Drying Facility (PC 52223)	522/629		400	10,000	11,600	-	-	-	-	-	-	-	22,000
Wastewater Lifelines - Brick Barrel Renewals (PC 52219)	522/647		-	-	-	-	-	-	542	1,102	-	1,102	2,746
CWTP Plant Aeration Expansion (PC 52220)	522/628		-	-	-	-	150	850	7,000	7,000	-	-	15,000
Choice Items			-	-	-	-	-	-	-	-	-	-	-

Delivery
Lab Equipment Renewals
Contol equipment
Ongoing renewals at Treatment Plant
Refuse Station Modifications
Pumps & Electrical Switchboards
Approx 4km of Sewer Renewal
Ongoing renewals at Treatment Plant
Approx 9 km of Water Main Renewal
Approx 15 km of Local Service Pipe Renewal
Water Wells, Pumps, Control Systems, Buildings
Pump Station Upgrade (assoc with Major sewer Upgrade)
Major Sewer Upgrade for Growth & Wet Weather Overflows
Odour Reduction and Plant Automation
Energy Efficiency, Noise Mitigation, Security , Lifelines
Approx 1 project per annum
Pipework for Connecting New Growth Areas to Trunk System
Tradewaste Receiving Tanks and other Enhancements to CWTP
Water Supply Trunk Mains Connecting New Growth Areas
New Wells, Pump Stations & Reservoirs for Growth Areas
Installation of Individual Property Water Connections (200 p.a.)
Burwood Landfill Rehabilitation

Transport & City Streets Draft 10 year Capital Programme - 8th Feb 2006	Profit Centre	Plan 2007 (\$000's)	Plan 2008 (\$000's)	Plan 2009 (\$000's)	Plan 2010 (\$000's)	Plan 2011 (\$000's)	Plan 2012 (\$000's)	Plan 2013 (\$000's)	Plan 2014 (\$000's)	Plan 2015 (\$000's)	Plan 2016 (\$000's)	Total 10 Years (\$000's)	Delivery
Total Transport & City Streets Capital Programme		60,277	64,140	70,946	47,377	49,119	52,594	52,584	49,825	47,382	48,661	542,904	
City Streets Base Capital Programme (8 Feb 06)		46,511	36,808	36,796	36,680	37,238	38,774	37,899	37,717	38,164	38,831	385,418	
City Streets Base Capital Programme (27 Oct 05 Option 3)		33,315	31,019	36,635	29,964	31,948	35,818	38,158	39,936	39,591	40,804	357,188	
Change since 27 October - Increase / (Decrease)		13,196	5,789	161	6,716	5,290	2,956	(259)	(2,219)	(1,427)	(1,973)	28,230	
City Streets Fixed Assets		(509)	(4,754)	751	441	361	734	501	676	676	676	(445)	
Fixed Assets New		451	1,279	1,111	801	721	1,094	861	1,036	1,036	1,036	9,428	
Fixed R&R Enforcement	44201	133	298	310		70	313					1,124	
Fixed R&R Off Street Parking	44202	107	730	580	570	420	520	400	675	675	675	5,352	Parking Building Equipment
Fixed R&R On Street Parking	44203	-	40	10	20	20	50	250	150	150	150	840	
Fixed New Office Equipment	54201	29	29	29	29	29	29	29	29	29	29	294	
Fixed New Property Purchase	54202	182	182	182	182	182	182	182	182	182	182	1,818	
Fixed Asset Sales	54251	(960)	(6,034)	(360)	(360)	(360)	(360)	(360)	(360)	(360)	(360)	(9,874)	2008 = Blenheim Rd Excess Land
City Streets Infrastructural Assets		40,229	34,948	36,045	36,239	36,877	38,040	37,398	37,040	37,487	38,155	372,458	
Infrastr.Assets Renewals/Replacements		35,866	31,130	32,730	33,619	33,906	35,069	34,427	34,070	34,412	35,080	340,310	
Infra R&R Carriageway Sealing/Surfacing	54203	5,141	5,358	5,575	5,611	5,812	6,014	6,215	6,514	6,703	6,794	59,736	60km Waterproof / Skid Resistance
Infra R&R Carriageway Smoothing	54204	490	490	490	490	490	490	490	490	490	499	4,908	3km Smoothing per annum
Infra R&R Footpath Resurfacing	54206	3,974	4,001	4,029	4,058	4,086	4,115	4,143	4,172	4,201	4,285	41,064	95km New Footpath Surfaces
Infra R&R Kerb & Channel Enhancement	54207	400	-	-	-	-	-	-	-	-	-	400	see below
Infra R&R Kerb and Channel Renewal	54208	23,530	18,173	19,317	20,353	20,736	20,736	20,736	20,020	20,020	19,067	202,690	21km K&C Replaced per annum
Infra R&R Structure Renewals	54209	564	1,321	1,503	1,195	773	1,675	773	773	781	1,783	11,142	1 major bridge every 4th year
Infra R&R Road Pavement Replacement	54224	553	553	553	553	553	553	553	553	553	776	5,752	1km Road Reconstructed per annum
Infra R&R Cycleways	54225	72	76	80	85	89	93	98	102	106	129	930	1km Off-Road Surfaces
Infra R&R Signs	54226	89	90	92	93	94	96	97	99	186	193	1,129	Signage as Reqd to Maintain Safety
Infra R&R Landscape and Berms	54227	556	571	587	603	619	636	652	668	684	746	6,321	In Conjunction with Footpath Renewal
Infra R&R Passenger Transport	54228	114	114	114	180	247	247	247	247	247	310	2,065	Seats / Signs / Shelters Renewals
Infra R&R Traffic Signals	54229	384	384	391	399	407	415	424	432	441	497	4,175	Continual Upgrade Poles & Lights
Infrastructural Assets Improvements		2,299	2,430	2,000	1,212	1,212	1,212	1,212	1,212	1,212	1,212	15,213	
Infra Impr Major Amenity Improvements	54211	200	-	-	-	-	-	-	-	-	-	200	Latimer Square CFwd from 2005/06
Infra Impr Road Network Improvements	54212	599	899	427	-	-	-	-	-	-	-	1,926	
Infra Impr Seal Widening	54214	-	-	43	43	43	43	43	43	43	43	340	0.5km per annum
Infra Impr Street Light Upgrading	54215	1,499	1,530	1,530	1,170	1,170	1,170	1,170	1,170	1,170	1,170	12,747	Continual Upgrade Poles & Lights
Infrastructural Assets New		2,065	1,388	1,314	1,408	1,758	1,758	1,758	1,758	1,863	1,863	16,935	
Infra New Neighbourhood Improvements	54218	250	-	-	-	-	-	-	-	-	-	250	
Infra New New Constn/New Kerb & Channel	54219	962	960	960	1,054	1,404	1,404	1,404	1,404	1,509	1,509	12,570	In Support of Subdivisions
Infra New Safety Improvements	54221	380	-	-	-	-	-	-	-	-	-	380	
Infra New Signals	54222	87	87	87	87	87	87	87	87	87	87	867	As Required to Support Projects
Infra New Signs	54223	387	341	268	268	268	268	268	268	268	268	2,868	Advanced Direction Signage as Reqd
Large Base Items		6,791	6,615	-	-	-	-	-	-	-	-	13,406	
Blenheim Rd Deviation (PC 54212)	542/598	3,127	2,900	-	-	-	-	-	-	-	-	6,027	
Ferrymead Bridge (PC 54212)	542/790	2,946	2,765	-	-	-	-	-	-	-	-	5,711	
Ferry Rd / Humphreys Drive Intersection (PC 54212)	542/201	718	950	-	-	-	-	-	-	-	-	1,668	
No Choice Items		10,625	20,625	25,625	625	625	625	625	625	625	625	61,250	
Bus Exchange Expansion (PC 54220)	542/1283	10,000	20,000	25,000	-	-	-	-	-	-	-	55,000	
Street Tree Renewal (PC 54227)	542/27	625	625	625	625	625	625	625	625	625	625	6,250	
Choice Items		3,142	6,706	8,525	10,072	11,255	13,195	14,060	11,483	8,593	9,205	96,236	
Central City Transport Strategy Projects (PC 54211)	542/1043	76	740	740	740	740	740	740	740	740	740	6,736	
40kph School Zones (PC 54223)	542/996	-	100	100	100	100	100	100	100	100	100	900	
Road Network Improvements (MCTS - \$85m) (PC 54212)	542/1040	509	123	3,316	5,235	6,420	7,680	8,060	5,985	3,310	3,632	44,270	
Cycleway Improvements (MCTS - \$85m) (PC 54210)	542/1041	400	1,424	1,205	990	1,060	1,040	1,060	995	910	1,320	10,404	
Passenger Transport Infrastructure (MCTS - \$85m) (PC 54220)	542/1327	490	1,720	1,220	1,225	1,175	1,265	1,240	1,240	1,240	1,170	11,985	
Safety Improvement Works (MCTS - \$85m) (PC 54221)	542/1045	1,172	2,092	1,452	1,475	1,378	2,048	2,548	2,051	1,993	1,943	18,152	
Neighbourhood Improvement Works (MCTS - \$85m) (PC 54218)	542/1046	494	507	491	308	383	323	313	372	300	300	3,789	