

FINANCE COMMITTEE AGENDA

to be held on
Saturday, January 24, 2004
at
9:00 a.m.

**Councillor
Ted Callaghan
Chair**



**Councillor
Eldon Gainer
Vice-Chair**



 **Greater | Grand
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Finance Committee AGENDA

***THIRD MEETING OF THE FINANCE COMMITTEE
TO BE HELD ON SATURDAY, JANUARY 24, 2004 AT 9:00 A.M.
IN THE COUNCIL CHAMBER, TOM DAVIES SQUARE***

(PLEASE ENSURE CELL PHONES AND PAGERS ARE TURNED OFF)

The Council Chamber of Tom Davies Square is wheelchair accessible. Please speak to the City Clerk prior to the meeting if you require a hearing amplification device. Persons requiring assistance are requested to contact the City Clerk's Office at least 24 hours in advance of the meeting if special arrangements are required. Please call (705) 671-2489, extension 2475. Telecommunications Device for the Deaf (TTY) (705) 688-3919. Copies of Agendas can be viewed on the City's web site at www.greatersudbury.ca.

***THE CHAIR WILL PROVIDE FOR A BREAK BETWEEN 10:45 A.M. AND 11:00 A.M.
LUNCH WILL BE PROVIDED BETWEEN 12:30 P.M. AND 1:15 P.M.***

COUNCILLOR CALLAGHAN, IN THE CHAIR

1. Declarations of Pecuniary Interest

PRESENTATIONS

PAGE NO.

2. A presentation from the Chief Administrative Officer regarding Business Plans and Budget Focus.
(ELECTRONIC PRESENTATION) (FOR INFORMATION ONLY)
 - Mark Mieto, Chief Administrative Officer

3. A presentation from the Chief Administrative Officer regarding 2004 Citizen and Business Survey (prepared by Oraclepoll Research Ltd.).
(ELECTRONIC PRESENTATION) (FOR INFORMATION ONLY)
(REPORT UNDER SEPARATE COVER)
 - Mark Mieto, Chief Administrative Officer

4. Report dated 2004-01-23 from the General Manager of Corporate Services regarding 2004 Current Budget Public Input Session I. **1 - 3**
(ELECTRONIC PRESENTATION) (FOR INFORMATION ONLY)
 - Ed Stankiewicz, Co-Ordinator of Current Budget

5. A presentation from the General Manager of Corporate Services regarding BMA Municipal Study 2003.
(ELECTRONIC PRESENTATION) (FOR INFORMATION ONLY)
(REPORT PREVIOUSLY CIRCULATED UNDER SEPARATE COVER)
 - Doug Wuksinic, General Manager, Corporate Services

6. Report dated 2004-01-22 from the General Manager of Corporate Services regarding Capital Financing Alternatives. **4 - 16**
(ELECTRONIC PRESENTATION)
 - Doug Wuksinic, General Manager, Corporate Services
Report dated 2003-09-19 from the General Manager of Corporate Services from the Finance Committee meeting of September 22, 2003. **17 - 43**

- Programme Report by Year **44 - 77**

(Two subject matters:
 - 1) Use of managed debt, and the implementation of a Capital Infrastructure Levy, as recommended in the Long-Term Financial Plan to sustain Infrastructure (Roads, Facilities, etc.); and
 - 2) Decision regarding expansion of existing sewer and water programs through the use of managed debt.)

6. Report dated 2004-01-22 from the General Manager of Corporate Services regarding Capital Financing Alternatives (**continued**).

RECOMMENDATION: WHEREAS Council has adopted the Long Term Financial Plan which identified the need to have a Capital Levy and which recommended the use of a managed debt program; and

WHEREAS the Long Term Plan has now been updated, identifying a greater funding gap;

NOW THEREFORE BE IT RESOLVED THAT:

Annual inflation be applied to all capital envelopes;

Option _____ of a Managed Debt Program be undertaken, as outlined in this report, contingent upon the implementation of a Capital Levy;

An annual Capital Levy of 2.27% of the previous years net levy be implemented;

The Ontario Municipal Economic Infrastructure Financing Authority (OMEIFA) program, where available, be utilized for any debenturing and the regular market be used where necessary;

Application be made to OMEIFA to participate in the 2004 funding scheme;

The City of Greater Sudbury obtain a credit rating, to be funded from the Capital Financing Reserve Fund - General, at an approximate cost of \$25,000 with an annual maintenance fee of approximately \$10,000; and

WHEREAS Council has requested capital financing alternatives in order to address infilling of Water and Waste Water services;

NOW THEREFORE BE IT RESOLVED THAT:

Option _____ of the Capital Financing Alternatives for Water/Wastewater extensions, as outlined in the report from the General Manager of Corporate Services dated September 19,2003 be approved and included in the 2005 base budget and the calculation of future Water/Wastewater Rates;

The OMEIFA program be utilized for any debenturing, where possible and the regular market used where necessary;

Application be made to OMEIFA to participate in the 2004 funding scheme;

Council policy to maintain existing infrastructure only, and not build new infrastructure be suspended for Water and Wastewater projects on the approved priority list, in order to address these servicing needs; and

The policy on Water and Wastewater extensions be amended as outlined in this report.

REPORTS FOR ACTION**PAGE NO.**

7. Report dated 2004-01-22, with attachments, from the General Manager of Corporate Services regarding 2004 Base Capital Budget.

78 - 162

(This report presents the Base Capital Budget for 2004 based on existing envelopes.)

RECOMMENDATION: WHEREAS Council has requested the early approval of the 2004 Capital Budget to allow those projects approved to proceed in a timely fashion;

IT IS THEREFORE RECOMMENDED THAT the 2004 capital program be approved as detailed on the following schedules:

Citizens and Leisure	Library	\$ 325,000
	Community Improvement Plan	200,000
	Neighbourhood Participation Projects	150,000
	General	569,580
	Cemetery	250,000
	Transit	180,000
	Parking	110,000
Corporate Services	Corporate Infrastructure	311,340
	Information Technology	102,000
	Community Support Projects	1,020,000
Economic Development & Planning		839,090
Emergency Services		1,566,560
Health & Social Services		1,093,740
Police Services		1,866,760
Public Works	Buildings	1,940,850
	Roads & Drainage	9,309,250
	Municipal Road 35	2,100,000
	Water	8,220,000
	Wastewater	6,400,000
	Solid Waste	2,920,000
	Fleet & Equipment	<u>3,052,000</u>
TOTAL CAPITAL PROGRAM - 2004		<u>\$ 42,526,170</u>

7. Report dated 2004-01-22, with attachments, from the General Manager of Corporate Services regarding 2004 Base Capital Budget **(continued)**.

RECOMMENDATION (continued): with funding to be provided as follows:		
Current Fund - Capital Envelopes		\$ 32,819,020
Reserves & Reserve Funds		
1. Library Reserve Fund	125,000	
2. Cemetery Reserve Fund	250,000	
3. Reserve Fund - Equipment Replacement	3,627,000	
4. Parking Reserve Fund	110,000	
5. Reserve Fund - Emergency Services Ambulance	932,739	
6. Reserve Fund - Equipment Replacement - Police	1,038,500	
Capital Financing Reserve Fund - Police	140,000	
7. Capital Financing Reserve Fund - Water	1,167,850	
8. Transfer to Capital Financing Reserve Fund - Wastewater	(312,340)	
9. Capital Financing Reserve Fund - Solid Waste	<u>1,900,000</u>	8,978,749
Grant or Subsidies		78,401
Reallocated Capital		600,000
Other Recoveries		<u>50,000</u>
TOTAL FUNDING		<u>\$ 42,526,170</u>

CORRESPONDENCE FOR INFORMATION

(If items 8 & 9 are not dealt with at this time, they will be dealt with at the Priorities Committee meeting of 2004-01-28.)

8. Report dated 2004-01-22 from the General Manager of Corporate Services regarding Area Rating.
(ELECTRONIC PRESENTATION) (FOR INFORMATION ONLY)

163 - 168

▶ Sandra Jonasson, Director of Finance/City Treasurer

(This report and presentation give the rationale for Area Rating and how the City of Greater Sudbury uses Area Rating for fire and transportation services.)

CORRESPONDENCE FOR INFORMATION (continued)

PAGE NO.

9. Report dated 2004-01-22 from the General Manager of Corporate Services regarding Assessment Growth versus Market Valuation Change. **169 - 174**
(ELECTRONIC PRESENTATION) (FOR INFORMATION ONLY)

▶ Sandra Jonasson, Director of Finance/City Treasurer

(This report and presentation provide a brief explanation of Assessment growth and Assessment valuation changes.)

10. Report dated 2004-01-22 from the General Manager of Corporate Services regarding Full Cost Recovery of Water and Wastewater Services. **175 - 211**
(FOR INFORMATION ONLY)

(This report provides an overview of the water/wastewater recovery policy adopted by Council in 2001.)

MANAGERS' REPORTS

{NONE}

ADJOURNMENT (4:00 P.M.) (RESOLUTION PREPARED)

2004-01-23

**COUNCILLOR CALLAGHAN
CHAIR**

**CORRIE-JO CAPORALE
COUNCIL SECRETARY**

Presentations and Delegations

Request for Recommendation Finance Committee




Type of Decision									
Meeting Date	January 24, 2004				Report Date	January 23, 2004			
Decision Requested		Yes	<input checked="" type="checkbox"/>	No	Priority	<input checked="" type="checkbox"/>	High		Low
	Direction Only				Type of Meeting	<input checked="" type="checkbox"/>	Open		Closed

Report Title
2004 Current Budget Public Input Session I

Policy Implication + Budget Impact	
<input checked="" type="checkbox"/>	This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified.
<input checked="" type="checkbox"/>	Background Attached

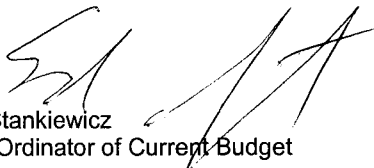
Recommendation
FOR INFORMATION ONLY
Recommendation Continued

Recommended by the General Manager
 D. Wuksinic General Manager of Corporate Services

Recommended by the C.A.O.
 M. Mieto Chief Administrative Officer

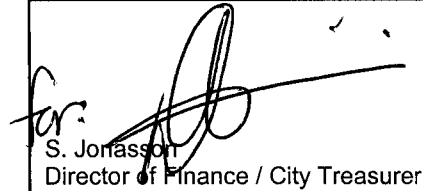
Date: January 23, 2004

Report Prepared By



E. Stankiewicz
Co-Ordinator of Current Budget

Division Review



S. Jonasson
Director of Finance / City Treasurer

BACKGROUND

Finance Committee encouraged the public to participate in the budget process through a series of ward meetings.

The meetings were held over a three-day period with two ward meetings per evening attended by Councillors and staff at each meeting.

The meetings were well attended with approximately 250 citizens attending during the six meetings scheduled, and each meeting was moderated by either the Finance Committee Chair, Ted Callaghan, or Finance Committee Vice-Chair, Eldon Gainer. The proceedings were recorded to ensure that all information discussed at the session was captured.

Staff made presentations at the meetings which identified Provincial/National economic trends and a financial update which dealt with the long-term financial plan. Varying degrees of discretionary expenditures for City programs was discussed. Efficiencies and service level improvements, which have no impact on the levy were highlighted. The results of the BMA Municipal Competitiveness Study were also revealed, identifying Sudbury as being well placed regarding taxes paid and levy per capita in Ontario.

The public was asked to concentrate on specific questions and provide feedback to the Councillors. The questions asked of the public were:

- (1) Should those who use a service pay for the service?
- (2) What level of municipal service do you expect? Should any services be reduced or eliminated?
- (3) Would you support a tax increase to maintain existing service levels?
- (4) Should the City borrow for infrastructure needs?
- (5) What service would you like to see improved or added?

Some citizens addressed these questions in their presentations, however, the majority dealt with other specific issues entirely.

Of the citizens that attended the meetings, there were 101 speakers who voiced a number of concerns; all of which will be evaluated by staff and identified solutions or options will be presented to the Finance Committee. In addition, the City also received six e-mails regarding budget issues. A comprehensive list of all speakers and the correspondence will be provided to the Finance Committee. Where possible, a recommended action on each issue will be provided in the budget document.

Date: January 23, 2004

However, for the purpose of this presentation, only the most common themes will be presented, so as to provide Finance Committee with an idea of what the public wants this Council to address.

The most voiced concern dealt with maintaining recreation facilities and ensuring no more closures, and to attempt to re-open some of the previously closed facilities.

The second greatest concern was the personal use of City vehicles. Some speakers believed that privilege was being abused as cars were seen at shopping malls, while some others mentioned that car allowances would be a better method of providing transportation for employees on call.

Borrowing to improve infrastructure, particularly roads, was the third most important concern. There were seven citizens in favour of borrowing, while four individuals did not want to see the City borrow money.

Another issue that was mentioned quite often was to reduce the proposed 13 per cent tax increase and the requests ranged from inflation to 8 per cent. In addition, the public was requesting Council to look at efficiencies to bring the levy down.

Requests for funding from outside social agencies was addressed on seven occasions during the sessions. The public was also quite concerned with the excess property that the City owns and would like to see it disposed of.

Another concern dealt with the out-migration trend and citizens wanted Council to try to halt this situation by concentrating on in-migration and retaining their youth.

Other concerns expressed at the sessions to a lesser degree than the previously mentioned items are:

- introduce a spay and neuter program
- lobby senior levels of government for additional funding
- in favour of user fees other rather than tax increases
- perceived management at City to be top heavy
- co-ordinate water, wastewater, and roads repairs
- provide assistance to non-municipal community centres

As previously mentioned, all presentations and submissions will be evaluated and concerns will be addressed by a comment or a modified level contained in the budget document distributed on February 12, 2004.

Request for Recommendation Finance Committee




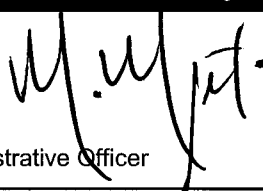
Type of Decision									
Meeting Date	January 24, 2004				Report Date	January 22, 2004			
Decision Requested	<input checked="" type="checkbox"/>	Yes		No	Priority	<input checked="" type="checkbox"/>	High		Low
	Direction Only				Type of Meeting	<input checked="" type="checkbox"/>	Open		Closed

Report Title
Capital Financing Alternatives

Policy Implication + Budget Impact	
<input checked="" type="checkbox"/>	This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified.
N/A	
<input checked="" type="checkbox"/>	Background Attached

Recommendation	
<p>WHEREAS Council has adopted the Long Term Financial Plan which identified the need to have a Capital Levy and which recommended the use of a managed debt program; and</p> <p>WHEREAS the Long Term Plan has now been updated, identifying a greater funding gap;</p> <p>NOW therefore be it resolved that:</p> <p>Annual inflation be applied to all capital envelopes;</p> <p>Option ___ of a Managed Debt Program be undertaken, as outlined in this report, contingent upon the implementation of a Capital Levy;</p>	
<input checked="" type="checkbox"/>	Recommendation Continued

Recommended by the General Manager	
 D. Wuksinic General Manager of Corporate Services	

Recommended by the C.A.O.	
 M. Mieta Chief Administrative Officer	

Date: January 22, 2004

Report Prepared By



C. Mahaffy
Manager of Financial Planning & Policy/Deputy Treasurer

Division Review



S. Jonasson
Director of Finance/City Treasurer

RECOMMENDATION CONTINUED

An annual Capital Levy of 2.27% of the previous years net levy be implemented;

The Ontario Municipal Economic Infrastructure Financing Authority (OMEIFA) program, where available, be utilized for any debenturing and the regular market be used where necessary;

Application be made to OMEIFA to participate in the 2004 funding scheme;

The City of Greater Sudbury obtain a credit rating, to be funded from the Capital Financing Reserve Fund - General, at an approximate cost of \$25,000 with an annual maintenance fee of approximately \$10,000; and

WHEREAS Council has requested capital financing alternatives in order to address infilling of Water and Waste Water services;

NOW therefore be it resolved that:

Option ___ of the Capital Financing Alternatives for Water/Wastewater extensions, as outlined in the report from the General Manager of Corporate Services dated September 19,2003 be approved and included in the 2005 base budget and the calculation of future Water/Wastewater Rates;

The OMEIFA program be utilized for any debenturing, where possible and the regular market used where necessary;

Application be made to OMEIFA to participate in the 2004 funding scheme;

Council policy to maintain existing infrastructure only, and not build new infrastructure be suspended for Water and Wastewater projects on the approved priority list, in order to address these servicing needs; and

The policy on Water and Wastewater extensions be amended as outlined in this report.

BACKGROUND

The attached report went to the previous Council in September, 2003 and was deferred to the incoming Council. Of the recommendations contained in that report, the capital levy of \$2.9 million and the addition of inflation to each of the capital envelopes has been included in the 2004 base budget. Both the capital levy and adding inflation to the envelopes are essential parts of implementing the Long Term Financial Plan in order to prevent the capital funding gap from increasing.

Part 1 - Implementation of Long Term Financial Plan Recommendations

Since that report, an update to the Long Term Financial Plan has been presented to Council in December. Because the plan was not implemented in 2003, and because further capital needs have been identified since the original Plan was presented at the end of 2002, the capital funding gap has widened.

The original 2002 Plan identified how the City could meet it's annual capital funding needs by the end of 10 years and at the same time achieve funding for 70% of the outstanding capital needs. The understanding was that the senior levels of government would be petitioned to provide the other 30% funding required to meet all outstanding capital needs.

When the Plan was updated at the end of 2003 it was apparent that achieving funding for 70% of the outstanding capital needs within 10 years was now impossible. This is illustrated on Table 7 of the updated Plan. Council was advised that a way would be found to again reach this 70% goal. A revised Table 7 from the LTFP is found on the following page. It shows that greater debenturing (\$32 million) over a slightly longer time frame (2 years) will bring the City to almost 70% by the end of year 12. The original Plan recommended \$61 million in debenturing over a 10 year period. The revised means to achieve the 70% goal has \$93 million in debenturing over a 12 year period. There is no change to the recommended Capital Levy; it continues for the same ten year period as in the original recommendation.

Council had requested information on borrowing \$100 million up-front from OMEIFA. This was the first option to investigate. OMEIFA does not provide up-front funding; thus Option 1 is not viable.

Table 7 has three different scenarios representing two options:

- ▶ Option 2 - borrowing from OMEIFA over 12 years
- ▶ Option 2 - borrowing at market rates over 12 years
- ▶ Option 3 - borrowing from OMEIFA over 4 years

The results of the three scenarios illustrate that spreading the borrowing out over the longer period, either through OMEIFA or the market (a combination of the two would also be a possibility, thus they are presented as one option) brings the City closer to the 70% goal than does an accelerated borrowing program through OMEIFA. Accelerated borrowing at market rates would result in an even lower percentage addressed after 12 years. As a result, accelerated borrowing is not being recommended.

Date: January 22, 2004

CITY OF GREATER SUDBURY
TEN-YEAR FINANCIAL PLAN

TABLE 7

amended Jan. 2004

CAPITAL GAP FINANCING PLAN

(\$000)

Option 2 OMEIFA

\$7 million in debentures per year for 11 years and one issue of \$16 million in OMEIFA debentures (15 years @ 3%)

	FORECAST PERIOD											TOTAL	
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		2015
Capital Financing Gap	41,455	42,352	54,095	37,536	38,394	39,105	40,385	41,381	42,585	43,942	44,821	45,718	511,770
Capital Financing Sources													
Increased contributions to capital envelopes from Capital Levy	2,915	6,209	9,698	13,379	17,245	21,305	25,565	30,031	34,708	39,605	40,397	41,205	282,262
Portion for new debt repayment	(586)	(1,172)	(2,512)	(3,098)	(3,684)	(4,270)	(4,856)	(5,442)	(6,028)	(6,614)	(7,200)	(7,786)	(53,248)
Inflation on capital envelopes	374	769	1,175	1,590	2,016	2,450	2,894	3,348	3,811	4,284	4,712	5,136	32,558
New Debt Issued	7,000	7,000	16,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	93,000
Total Capital Financed in Year	9,702	12,806	24,361	18,870	22,577	26,486	30,603	34,937	39,491	44,275	44,910	45,556	354,573
% Capital Completed	23.4%	30.2%	45.0%	50.3%	58.8%	67.7%	75.8%	84.4%	92.7%	100.8%	100.2%	99.6%	69.3%

Option 2 Market

\$7 million in debentures per year for 11 years and one issue of \$16 million in market-rate debentures (15 years @ 5.75%)

	FORECAST PERIOD											TOTAL	
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		2015
Capital Financing Gap	41,455	42,352	54,095	37,536	38,394	39,105	40,385	41,381	42,585	43,942	44,821	45,718	511,770
Capital Financing Sources													
Increased contributions to capital envelopes from Capital Levy	2,915	6,209	9,698	13,379	17,245	21,305	25,565	30,031	34,708	39,605	40,397	41,205	282,262
Portion for new debt repayment	(709)	(1,418)	(3,039)	(3,748)	(4,457)	(5,166)	(5,875)	(6,584)	(7,293)	(8,002)	(8,711)	(9,420)	(64,422)
Inflation on capital envelopes	374	769	1,175	1,590	2,016	2,450	2,894	3,348	3,811	4,284	4,712	5,136	32,558
New Debt Issued	7,000	7,000	16,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	93,000
Total Capital Financed in Year	9,579	12,560	23,834	18,220	21,804	25,590	29,584	33,795	38,226	42,887	43,399	43,922	343,399
% Capital Completed	23.1%	29.7%	44.1%	48.5%	56.8%	65.4%	73.3%	81.7%	89.8%	97.6%	96.8%	96.1%	67.1%

Option 3 OMEIFA

\$20 million in debentures per year for 3 years and one issue of \$33 million in OMEIFA debentures (15 years @ 3%)

	FORECAST PERIOD											TOTAL	
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		2015
Capital Financing Gap	41,455	42,352	54,095	37,536	38,394	39,105	40,385	41,381	42,585	43,942	44,821	45,718	511,770
Capital Financing Sources													
Increased contributions to capital envelopes from Capital Levy	2,915	6,209	9,698	13,379	17,245	21,305	25,565	30,031	34,708	39,605	40,397	41,205	282,262
Portion for new debt repayment	(1,675)	(3,350)	(6,114)	(7,790)	(7,790)	(7,790)	(7,790)	(7,790)	(7,790)	(7,790)	(7,790)	(7,790)	(81,249)
Inflation on capital envelopes	374	769	1,175	1,590	2,016	2,450	2,894	3,348	3,811	4,284	4,712	5,136	32,558
New Debt Issued	20,000	20,000	33,000	20,000	0	0	0	0	0	0	0	0	93,000
Total Capital Financed in Year	21,613	23,628	37,759	27,178	11,471	15,966	20,669	25,589	30,729	36,099	37,320	38,552	326,572
% Capital Completed	52.1%	55.8%	69.8%	72.4%	29.9%	40.8%	51.2%	61.8%	72.2%	82.2%	83.3%	84.3%	63.8%

Notes:

- 1) OMEIFA lending rate at January 20, 2004 is 2.62% for 15 years
- 2) Bank debenture rate is between 5.35 and 5.8% at January 20, 2004
- 3) The delay in implementing the plan together with the identification of increased capital needs made the goal of achieving 100% funding for annual capital needs, plus funding to address 70% of outstanding capital projects within ten years impossible to achieve
- 4) The changes necessary in order to bring the capital addressed up close to the 70% identified in the original long term financial plan are higher debenture issues (\$93 million as opposed to the original \$61 million) and longer debenturing (12 years of issues rather than 10).

Key Elements of the Long Term Financial Plan

When the original Plan was presented at the end of 2002 a number of key elements to the plan were identified. Three of those elements are addressed with approval of the recommendations in this report:

- ▶ Implementation of a 2.27% per year Infrastructure Renewal Levy
- ▶ Inflation Protection by adding inflation (2%) to the existing Capital Allocations
- ▶ Undertaking a Managed Debt Program, as illustrated on the revised Table 7.

Allocation of Debenture Proceeds

One of the recommendations in the Long Term Financial Plan is to undertake a managed debt program, when certain conditions exist. These conditions include debenturing "projects where the cost of deferring expenditures exceeds debt servicing costs". Clearly our roads fall into this category. Therefore, it is recommended, that for 2004, the full debenture proceeds of \$7 million be allocated to roads. The General Manager of Public Works has provided three print-outs, also attached, as follows:

- ▶ ASET_ART - is a ten year program for Arterial Roads which totals almost \$45 million
- ▶ ASET_COLL - is a ten year program for Collector Streets which totals almost \$94 million
- ▶ ASET_LOC - is a ten year program for local roads which totals \$91 million.

These projects total \$230 million and represent the \$23 million per year that the Long Term Plan shows as needed for Roads. There is no shortage of projects to be undertaken with the additional \$7 million in debenture proceeds. If debenturing is approved, the General Manager of Public Works will provide Council with a recommended additional roads program.

For 2004, any debenturing could be delayed until late in the year, so no repayments would be required this year. However, Council would have to commit to implementation of the Capital Levy in 2005 in order to fund repayments. However, delaying the implementation of the levy will result in an increased funding gap.

Allocation of Capital Levy

It is recommended for 2004 that the Capital Levy implemented be allocated to fleet. There is a shortfall of adequate fleet in Public Works, Fire, and Transit. The total shortfall identified in these three areas is almost \$37 million. Again, a report would come from the General Managers recommending specific fleet purchases.

Should the levy not be implemented, these requirements would have to be deferred to future years. As pointed out above, delaying the implementation of the levy results in a wider funding gap.

The allocation of Capital Levies of future years can be brought forward to Council later in 2004, and Council can prioritize projects.

Date: January 22, 2004

OMEIFA Financing

At present, it is unknown whether OMEIFA will continue, with the change in governments. Assuming it does continue, it is too late to apply for participation in the 2003 program, and no announcements have been made for the 2004 program to date. Last year's limit was \$100 million for any municipality, but OMEIFA could provide no estimates as to what, if any, limit there would be this year. They did, however, explain roughly what the process is at present:

- ▶ OMEIFA makes announcement as to amounts available, eligible projects, maximum allocations, and interest rates (usually half of market rates)
- ▶ Municipalities apply for funding for specific projects
- ▶ OMEIFA makes announcement as to applications approved, some months later
- ▶ OMEIFA sends out draft agreements
- ▶ Municipalities get Council authorization to enter into agreements
- ▶ Agreements are signed and returned to OMEIFA
- ▶ As invoices come in, Treasurers present invoices and a Treasurer's Statement to OMEIFA by either the 10th or 20th of the month
- ▶ OMEIFA forwards funds to municipalities by the 5th working day after receipt of the Treasurer's Statement
- ▶ Funding can also be delayed until the end of the project to avoid interest costs if there are sufficient funds on hand to self-finance.

Debenturing in the Open Market

The City debentured just last spring, through the open market process, and the Royal Bank of Canada has been appointed the City's fiscal agent. If OMEIFA financing is not available, the City can debenture in this manner. Usually, the funds are not up-front, but at the end of a project. However, interim financing settlement dates can be established and funds transferred as scheduled.

It should be pointed out that OMEIFA funds are available for only water, wastewater, roads, solid waste, and transit projects. Should the City wish to undertake other major capital projects and debenture them, the open market would be the only choice for debenturing.

As illustrated on Table 7, using either OMEIFA or the market will still bring us close to achieving the 70% target by the end of 2015.

Bond Rating

If it becomes apparent that the open market will be the debenturing vehicle, it is also recommended that the City obtain a bond rating. Having a rating could well mean savings of as much as one quarter of a percent on borrowing. Over 15 years, this would be about \$25,000 per \$1 million debentured. If we borrow up to the \$93 million illustrated on Table 7, savings could be substantial. The initial rating would cost in the neighbourhood of \$25,000 with the annual maintenance fee being between \$10,000 and \$15,000. It is recommended that the initial rating be funded from the Capital Financing Reserve Fund - General. Funding for the maintenance will be identified at a later date.

Part 2 - Financing Alternatives - Water and Wastewater Projects

Capital Financing Alternatives - Water / Wastewater Projects

Water/Wastewater Priority List

In 1998 a priority list for Water / Wastewater projects was approved by the former Region (copy attached - Appendix A). At that time this list totaled \$28 million. To allow for changes and inflation since that time, a total of \$35 million has been used for the purpose of this report.

Two options have been developed to finance Water and Wastewater projects in order for the City to begin addressing the priority list for these services. The first option would allow the City to address half of the projects, while the second allows for the full priority list to proceed. For this report, and for illustrative purposes only, it has been assumed that wastewater projects will cost about 16% more than water projects. However, each project will have different costs. Some will affect both rates, some will affect only water rates, while others will affect only wastewater rates.

Amendments to Existing Policies

If Council decides to proceed with these projects, two existing policies must be addressed. The first is Council's policy to maintain infrastructure only and not expand services. If the priority list is to proceed, this policy should be suspended for water/ wastewater projects until the priority list (or a portion thereof) has been serviced.

The second policy is "Policy on Sewer and Water Extensions" and is attached to the September report.

The recommended revised policy is as follows:

Policy on Water/Wastewater Extensions

- That the authority provided in the Municipal Act be used for projects initiated by City Council;
- That each lot (parcel) at the time of project initiation be provided with one standard size service connection from main to lot line. Any lot (parcel) requiring a service larger than standard size must pay the difference up-front between the size required and standard size. Any additional connections requested will be paid for up-front, at actual costs;
- That any lot (parcel) created through the severance or subdivision process following project initiation be required to pay the appropriate per lot charge, plus the actual cost of any water and/or wastewater connection at that time;
- That the interest rate to be charged on repayments for those properties not paid up-front be the interest rate to be charged on debentures for the project; and

Date: January 22, 2004

- That water and/or wastewater extension projects proceed, subject to the availability of capital funding or financing, based on the following criteria:
 - Every effort will be made to proceed with any project which receives Provincial subsidy
 - Projects must be on the Water/Wastewater Priority list, as adopted in March 1987, and as amended from time to time. It is further recommended that Council review this list annually, or as required, in order that any projects resulting from health-related issues may be added to or moved up on this list. Where possible, projects will proceed in priority order
 - Per policy, all benefitting property owners must connect to newly constructed water and/or wastewater services
 - Those benefitting property owners not providing up-front funding will be subject to the same per lot (parcel) charges, to be repaid annually over a period not to exceed fifteen (15) years, or the debenture period of the project, with the established rate of interest being used to calculate the repayment amount
 - The annual repayments will be credited back to the appropriate cost centres in the current budget (either Water or Wastewater or both, depending on the project), in order to repay the debentured amounts.

The September report gave two alternatives for Water and Wastewater projects. The first was to borrow \$17.5 million from either OMEIFA or the market and proceed with about one half of the water and wastewater priority list over the next ten years. The second was to borrow \$35 million and proceed with the entire priority list over the next ten years. A third is to finance the Priority list through OMEIFA for 40 years. The open market does not have 40 year money available.

The following three pages present the financial details of each of these options.

Date: January 22, 2004

Option 1 - W/WW

CITY OF GREATER SUDBURY
Capital Financing Alternatives - Water / Wastewater Projects
Option 1 - \$17.5 million over 10 Years and Debenturing at Market

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	1,750,000	875,000	875,000	1,750,000	180,200	90,100	90,100	41,713	48,387
2005	1,750,000	875,000	875,000	1,750,000	180,200	90,100	90,100	41,713	48,387
2006	1,750,000	875,000	875,000	1,750,000	180,200	90,100	90,100	41,713	48,387
2007	1,750,000	875,000	875,000	1,750,000	180,200	90,100	90,100	41,713	48,387
2008	1,750,000	875,000	875,000	1,750,000	180,200	90,100	90,100	41,713	48,387
2009	1,750,000	875,000	875,000	1,750,000	180,200	90,100	90,100	41,713	48,387
2010	1,750,000	875,000	875,000	1,750,000	180,200	90,100	90,100	41,713	48,387
2011	1,750,000	875,000	875,000	1,750,000	180,200	90,100	90,100	41,713	48,387
2012	1,750,000	875,000	875,000	1,750,000	180,200	90,100	90,100	41,713	48,387
2013	1,750,000	875,000	875,000	1,750,000	180,200	90,100	90,100	41,713	48,387

* Undertake \$17.5 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water

** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years

*** Annual repayments are based on financing at market rates (6%, 15 years)

Option 1 - W/WW

CITY OF GREATER SUDBURY
Capital Financing Alternatives - Water / Wastewater Projects
Option 1 - \$17.5 million over 10 Years using OMEIFA financing

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	1,750,000	875,000	875,000	1,750,000	146,600	73,300	73,300	33,935	39,365
2005	1,750,000	875,000	875,000	1,750,000	146,600	73,300	73,300	33,935	39,365
2006	1,750,000	875,000	875,000	1,750,000	146,600	73,300	73,300	33,935	39,365
2007	1,750,000	875,000	875,000	1,750,000	146,600	73,300	73,300	33,935	39,365
2008	1,750,000	875,000	875,000	1,750,000	146,600	73,300	73,300	33,935	39,365
2009	1,750,000	875,000	875,000	1,750,000	146,600	73,300	73,300	33,935	39,365
2010	1,750,000	875,000	875,000	1,750,000	146,600	73,300	73,300	33,935	39,365
2011	1,750,000	875,000	875,000	1,750,000	146,600	73,300	73,300	33,935	39,365
2012	1,750,000	875,000	875,000	1,750,000	146,600	73,300	73,300	33,935	39,365
2013	1,750,000	875,000	875,000	1,750,000	146,600	73,300	73,300	33,935	39,365

* Undertake \$17.5 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water

** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years

*** Annual repayments are based on OMEIFA financing (3%, 15 years)

Date: January 22, 2004

Option 2- W/WW

CITY OF GREATER SUDBURY
Capital Financing Alternatives - Water / Wastewater Projects
Option 2 - \$35 million over 10 Years and Debenturing at Market

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	3,500,000	1,750,000	1,750,000	3,500,000	360,400	180,200	180,200	83,426	96,774
2005	3,500,000	1,750,000	1,750,000	3,500,000	360,400	180,200	180,200	83,426	96,774
2006	3,500,000	1,750,000	1,750,000	3,500,000	360,400	180,200	180,200	83,426	96,774
2007	3,500,000	1,750,000	1,750,000	3,500,000	360,400	180,200	180,200	83,426	96,774
2008	3,500,000	1,750,000	1,750,000	3,500,000	360,400	180,200	180,200	83,426	96,774
2009	3,500,000	1,750,000	1,750,000	3,500,000	360,400	180,200	180,200	83,426	96,774
2010	3,500,000	1,750,000	1,750,000	3,500,000	360,400	180,200	180,200	83,426	96,774
2011	3,500,000	1,750,000	1,750,000	3,500,000	360,400	180,200	180,200	83,426	96,774
2012	3,500,000	1,750,000	1,750,000	3,500,000	360,400	180,200	180,200	83,426	96,774
2013	3,500,000	1,750,000	1,750,000	3,500,000	360,400	180,200	180,200	83,426	96,774

* Undertake \$17.5 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water

** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years

*** Annual repayments are based on financing at market rates (6%, 15 years)

Option 2 - W/WW

CITY OF GREATER SUDBURY
Capital Financing Alternatives - Water / Wastewater Projects
Option 2 - \$35 million over 10 Years using OMEIFA financing

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	3,500,000	1,750,000	1,750,000	3,500,000	293,200	146,600	146,600	67,870	78,730
2005	3,500,000	1,750,000	1,750,000	3,500,000	293,200	146,600	146,600	67,870	78,730
2006	3,500,000	1,750,000	1,750,000	3,500,000	293,200	146,600	146,600	67,870	78,730
2007	3,500,000	1,750,000	1,750,000	3,500,000	293,200	146,600	146,600	67,870	78,730
2008	3,500,000	1,750,000	1,750,000	3,500,000	293,200	146,600	146,600	67,870	78,730
2009	3,500,000	1,750,000	1,750,000	3,500,000	293,200	146,600	146,600	67,870	78,730
2010	3,500,000	1,750,000	1,750,000	3,500,000	293,200	146,600	146,600	67,870	78,730
2011	3,500,000	1,750,000	1,750,000	3,500,000	293,200	146,600	146,600	67,870	78,730
2012	3,500,000	1,750,000	1,750,000	3,500,000	293,200	146,600	146,600	67,870	78,730
2013	3,500,000	1,750,000	1,750,000	3,500,000	293,200	146,600	146,600	67,870	78,730

* Undertake \$17.5 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water

** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years

*** Annual repayments are based on OMEIFA financing (3%, 15 years)

Date: January 22, 2004

Option 3a - W/WW

CITY OF GREATER SUDBURY
 Capital Financing Alternatives - Water / Wastewater Projects
 Option 3 - \$17.5 million over 10 Years using OMEIFA financing

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	1,750,000	875,000	875,000	1,750,000	75,700	37,850	37,850	17,523	20,327
2005	1,750,000	875,000	875,000	1,750,000	75,700	37,850	37,850	17,523	20,327
2006	1,750,000	875,000	875,000	1,750,000	75,700	37,850	37,850	17,523	20,327
2007	1,750,000	875,000	875,000	1,750,000	75,700	37,850	37,850	17,523	20,327
2008	1,750,000	875,000	875,000	1,750,000	75,700	37,850	37,850	17,523	20,327
2009	1,750,000	875,000	875,000	1,750,000	75,700	37,850	37,850	17,523	20,327
2010	1,750,000	875,000	875,000	1,750,000	75,700	37,850	37,850	17,523	20,327
2011	1,750,000	875,000	875,000	1,750,000	75,700	37,850	37,850	17,523	20,327
2012	1,750,000	875,000	875,000	1,750,000	75,700	37,850	37,850	17,523	20,327
2013	1,750,000	875,000	875,000	1,750,000	75,700	37,850	37,850	17,523	20,327

- * Undertake \$17.5 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water
- ** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years
- *** Annual repayments are based on OMEIFA financing (3%, 40 years)

Option 3b - W/WW

CITY OF GREATER SUDBURY
 Capital Financing Alternatives - Water / Wastewater Projects
 Option 3 - \$35 million over 10 Years using OMEIFA financing

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	3,500,000	1,750,000	1,750,000	3,500,000	151,400	75,700	75,700	35,046	40,654
2005	3,500,000	1,750,000	1,750,000	3,500,000	151,400	75,700	75,700	35,046	40,654
2006	3,500,000	1,750,000	1,750,000	3,500,000	151,400	75,700	75,700	35,046	40,654
2007	3,500,000	1,750,000	1,750,000	3,500,000	151,400	75,700	75,700	35,046	40,654
2008	3,500,000	1,750,000	1,750,000	3,500,000	151,400	75,700	75,700	35,046	40,654
2009	3,500,000	1,750,000	1,750,000	3,500,000	151,400	75,700	75,700	35,046	40,654
2010	3,500,000	1,750,000	1,750,000	3,500,000	151,400	75,700	75,700	35,046	40,654
2011	3,500,000	1,750,000	1,750,000	3,500,000	151,400	75,700	75,700	35,046	40,654
2012	3,500,000	1,750,000	1,750,000	3,500,000	151,400	75,700	75,700	35,046	40,654
2013	3,500,000	1,750,000	1,750,000	3,500,000	151,400	75,700	75,700	35,046	40,654

- * Undertake \$17.5 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water
- ** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years
- *** Annual repayments are based on OMEIFA financing (3%, 40 years)

Repayments

In accordance with policy, benefitting landowners would be responsible for 50% of the cost of the projects. It has been assumed that both the City and the landowners would simply pay their respective shares over the term of the borrowing. The total annual repayments for each year of debenturing is shown below, for each option. Half of the repayments would come from per lot (frontage) charges and the remainder would be raised through water/wastewater rates.

	\$		Total Annual Repayments \$
Option 1	1.75 million / yr	Market	180,200
Option 1	1.75 million / yr	OMEIFA	146,600
Option 2	3.5 million / yr	Market	360,400
Option 2	3.5 million / yr	OMEIFA	293,200
Option 3a	1.75 million / yr	OMEIFA	75,700
Option 3b	3.5 million / yr	OMEIFA	151,400

Rates

In order to finance the City's share of the projects, water rates would have to be increased. The following chart shows how each option would affect the rates, by percentage and by dollar value for the average customer, consuming 240 cubic meters of water annually.

			Water and Wastewater Annual Increase		Water and Wastewater Cumulative Increase	
	\$		%	\$	%	\$
Option 1	1.75 million / yr	Market	.22	1.46	2.22	14.64
Option 1	1.75 million / yr	OMEIFA	.18	1.19	1.80	11.91
Option 2	3.5 million / yr	Market	.44	2.93	4.43	29.29
Option 2	3.5 million / yr	OMEIFA	.36	2.38	3.61	23.82
Option 3a	1.75 million / yr	OMEIFA	.09	0.62	0.93	6.15
Option 3b	3.5 million / yr	OMEIFA	.19	1.23	1.86	12.30

Any increase to the water rates would be in addition to the increased rates for inflation, maintenance of the Sustainable Capital Assets Management Plan and the implementation of any legislated water and wastewater programs.

Total Costs

The total costs to the City are shown below:

	\$		\$
Option 1	1.75 million / yr	Market	13,515,000
Option 1	1.75 million / yr	OMEIFA	10,995,000
Option 2	3.5 million / yr	Market	27,030,000
Option 2	3.5 million / yr	OMEIFA	21,990,000
Option 3a	1.75 million / yr	OMEIFA	15,140,000
Option 3b	3.5 million / yr	OMEIFA	30,280,000

Clearly, the longer term is more expensive.

Summary

In summary, it is recommended that Council implement the Long Term Financial Plan recommendations and address the Water/Wastewater priority list by:

- Directing the existing Capital Envelopes to be further increased by inflation
- Adopting an option from the Capital Financing Alternatives for implementation of the Long Term Financial Plan recommendations
- Adopting an option from the Capital Financing Alternatives for Water/Wastewater extensions
- Applying to the Ontario Municipal Economic Infrastructure Financing Authority to participate in this funding scheme, it being understood that OMEIFA financing will be utilized by the City wherever possible and that the open market will be used where necessary
- Obtaining a credit rating
- Suspending the moratorium on constructing new infrastructure for the Water/Wastewater priority list projects; and
- Adopting a revised policy on Water and Wastewater extensions.

Regardless of which of the recommendations of this report are adopted, the end result will be increased funding available to address our capital needs. Until the end of the twelve year forecast, needs still outweigh funding, and the funds should be allocated on a priority basis.

Request for Recommendation Finance Committee




Type of Decision									
Meeting Date	September 22, 2003				Report Date	September 19, 2003			
Decision Requested	<input checked="" type="checkbox"/>	Yes		No	Priority	<input checked="" type="checkbox"/>	High		Low
	Direction Only				Type of Meeting	<input checked="" type="checkbox"/>	Open		Closed

Report Title
Capital Financing Alternatives

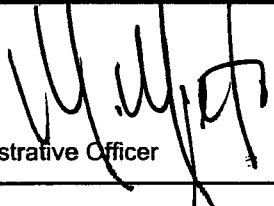
Policy Implication + Budget Impact	
<input checked="" type="checkbox"/>	This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified.
N/A	
<input checked="" type="checkbox"/>	Background Attached

Recommendation
<p>WHEREAS Council has adopted the Long Term Financial Plan which identified the need to have a Capital Levy and which recommended the use of a managed debt program;</p> <p>NOW THEREFORE BE IT RESOLVED THAT:</p> <ul style="list-style-type: none"> ▶ Inflation be applied to all existing Capital Envelopes ▶ Option ____ of the Capital Financing Alternatives for implementation of the Long Term Financial Plan recommendations, as outlined in the report from the General Manager of Corporate Services dated September 19, 2003 be included in the 2004 Base Budget;
<input checked="" type="checkbox"/> Recommendation Continued

Recommended by the General Manager


 D. Wuksinic
 General Manager of Corporate Services

Recommended by the C.A.O.


 M. Mieto
 Chief Administrative Officer

Date: September 19, 2003

Report Prepared By



C. Mahaffy
Manager of Financial Planning & Policy / Deputy Treasurer

Division Review



S. Jonasson
Director of Finance/City Treasurer

RECOMMENDATION CONTINUED

- ▶ The Ontario Municipal Economic Infrastructure Financing Authority program, where available, be utilized for any debenturing and the regular market be used if necessary;
- ▶ The General Managers of Public Works and Corporate Services make application to the Ontario Municipal Economic Infrastructure Financing Authority to participate in the funding scheme (if above options are approved);
- ▶ A report be prepared before the end of the year recommending capital envelope priorities, based on the additional capital funding approved.

WHEREAS Council has requested capital financing alternatives in order to address infilling of Water and Wastewater services;

NOW THEREFORE BE IT RESOLVED THAT:

- ▶ Option W/WW of the Capital Financing Alternatives for Water/Wastewater extensions as outlined in the report from the General Manager of Corporate Services dated September 19, 2003 be included in the 2004 Base Budget and the calculation of future Water/Wastewater rates;
- ▶ The Ontario Municipal Economic Infrastructure Financing Authority program, where available, be utilized for any debenturing and the regular market be used if necessary;
- ▶ The General Managers of Public Works and Corporate Services make application to the Ontario Municipal Economic Infrastructure Financing Authority to participate in the funding scheme (if above options are approved);
- ▶ Council policy to maintain existing infrastructure only, and not build new infrastructure be suspended for Water and Wastewater projects on the Priority List, in order to address these servicing needs;
- ▶ The Policy on Water and Wastewater Extensions be amended as outlined in this report.

Date: September 19, 2003

BACKGROUND

In December of 2002, Council approved the Long Term Financial Plan (LTFP), prepared by Hermon Consulting, which identified significant capital funding gaps in excess of \$40 million per year. The consultants also suggested three alternatives to funding these capital needs. The recommended option, (Option #2 found on page 27 of the LTFP) was:

"Implement an Infrastructure Renewal Levy which will generate sufficient tax dollars in 2012 to meet the annual capital gap, combined with managed use of debt financing in order to complete 70 percent of the identified Capital Financing Gap of \$343.6 million. No debt would be issued after 2012."

This option recommended the use of debt financing of approximately \$6 million per year for 10 years for some of the infrastructure needs, together with the implementation and continuation of an annual Infrastructure Renewal Levy in the amount of 2.27% of the previous year's levy. The annual debt repayments are included in the recommended Capital Levy.

As Council is aware, every municipality in Ontario has an Annual Repayment Limit (ARL) which is a calculation provided by the Province annually, and which must be updated by the Treasurer throughout the year. All of the debt repayments calculated for the options presented in this report are well within the City of Greater Sudbury's ARL, which is in the vicinity of \$40 million.

Another component of the LTFP was to automatically increase the existing capital envelopes each year by an inflation amount. Without incorporating this increase, the funding gap will widen each year as project costs increase while capital contributions remain constant.

Although the LTFP was adopted by Council, none of the capital levy, the managed debt program, nor the inflation increases to the existing envelopes were implemented in 2003. Council did permanently increase the roads capital envelope by \$588,000 in 2003, and some of the other issues identified in the LTFP were addressed on a one-time basis, such as the contribution to the Social Housing, Ontario Works and the Sick Leave Reserves.

Since the adoption of the Plan, the Province of Ontario has introduced the Ontario Municipal Economic Infrastructure Financing Authority (OMEIFA) financing. Under this program, municipalities may finance certain infrastructure renewal projects at a rate considerably less than that available on the open market. Were the City to take advantage of this opportunity, basically only Roads, Solid Waste, Transit, Water and Wastewater projects could be debentured. Funding the gap for other capital needs would occur through the new annual capital levy, debenturing through the regular market, and the inflation applied to each envelope. Only Roads, Solid Waste, or Transit projects can be addressed under the OMEIFA options in the first part of the report, while Water and Wastewater projects are the topic of the second part.

At the June 25th meeting of the Priorities Committee, through recommendation 2003-45, a Financing Plan was to be brought back to Council in the Fall of this year outlining various options in keeping with the LTFP for funding Capital infrastructure. The recommendations were to include a capital levy and use of the OMEIFA financing.

Date: September 19, 2003

This report will present two options to fully implement the LTFP recommendations to fund the capital gap, as adopted by Council. Each of these options includes both the annual capital levy and the inflation of existing capital envelopes. The options are:

- ▶ \$6.1 annual debenture issue for 10 years, for Roads, Solid Waste and/or Transit projects only, utilizing OMEIFA funding, if possible,
- ▶ \$15.25 annual debenture issue for 4 years, for Roads, Solid Waste and/or Transit projects only, utilizing OMEIFA funding, if possible .

In addition, during the 2003 budget process Councillor Davey requested funding options which would allow water and wastewater extensions in accordance with the approved priority list. A further two options have been developed to address this need in the second part of the report. These options also involve debenturing, again using OMEIFA funding, if possible.

The two issues are separated because water and wastewater capital needs are funded through the water and wastewater rates while all other capital is funded through the taxation levy.

All of the charts in the report are attached, in larger print.

Date: September 19, 2003

Implementation of the Long Term Financial Plan Recommendations

(For all options, it should be noted that all debt repayments are included in the 2.27% Capital Levy, not in addition to it)

Option 1 - Implement a Capital Levy of 2.27% of the previous year's Net Levy and have a managed debt program of debenturing approximately \$6.1 million per year for the next 10 years, at market rates

This is the recommendation from the Long Term Financial Plan, as adopted by Council last December. The recommendation was not implemented in 2003, but implementing the program in 2004 will achieve the same results by 2013, rather than 2012 as indicated in the study.

The chart below shows that over the ten year period, the cumulative capital levy is estimated to be about \$40 million (column 2), which will fully address the annual funding gap identified in the LTFP, and brings the capital component of the budget to the amount necessary to meet the projected annual needs at the end of ten years. It also allows for about 70% of the outstanding capital needs to be addressed during the period.

Column 9 in each of the charts illustrates the amount of capital which can be undertaken during each of the ten years, including the amount to be debentured.

Option 1

**CITY OF GREATER SUDBURY
Long Term Financial Plan - Capital Financing Alternatives
Option 1 - 2.27% Capital Levy and Debentures at Market**

Year	1 Estimated * 2.27% Capital Levy \$	2 Cumulative Cap Levy \$	3 Portion for** Debt Repay. \$	4 (1-3) Net Cum. New Capital \$	5 10-Year *** Capital Policy Incr. To Env. \$	6 Est. Infla- tion - 2% \$	7 Est **** Existing Envelopes \$	8 (4+7) Total Capital Excl Debt \$	9 Capital to be Under- taken \$
2003								19,692,275	
2004	2,914,816	2,914,816	(648,800)	2,266,016	750,000	393,846	20,836,121	23,102,137	29,202,137
2005	3,279,168	6,193,984	1,297,600	4,896,384	749,235	416,722	22,002,078	26,898,462	32,998,462
2006	3,492,314	9,686,298	1,946,400	7,739,898	127,000	440,042	22,569,119	30,309,017	36,409,017
2007	3,687,884	13,374,182	2,595,200	10,778,982	139,279	451,382	23,159,781	33,938,763	40,038,763
2008	3,887,029	17,261,211	3,244,000	14,017,211	46,423	463,196	23,669,399	37,686,610	43,786,610
2009	4,096,929	21,358,140	3,892,800	17,465,340	-	473,388	24,142,787	41,608,127	47,708,127
2010	4,314,066	25,672,206	4,541,600	21,130,606	28,383	482,856	24,654,026	45,784,632	51,884,632
2011	4,542,712	30,214,918	5,190,400	25,024,518	82,713	493,081	25,229,820	50,254,338	56,354,338
2012	4,783,476	34,998,394	5,839,200	29,159,194	-	504,596	25,734,416	54,893,610	60,993,610
2013	5,037,000	40,035,394	6,488,000	33,547,394	-	514,688	26,249,104	59,796,498	65,896,498

* Based on Long Term Financial Plan recommendations

** \$6.1 million/year debt issued for 10 years for \$61 million in debentures (15 years, 6.5%)

*** As adopted by Council in April, 2001 and since amended (changes to envelopes plus any decreased debt repayments)

**** Excludes Water and Wastewater Envelopes

Using the regular market place to issue debentures would make the annual debenture repayments reach their maximum of \$6,488,000 in 2014, and all of the issued debt would be repaid by 2028. Using the regular market place for the debentures means any project could be debentured. The projects to be undertaken as funding becomes available would be decided by Council, on a priority basis.

Date: September 19, 2003

Option 1 continued - Implement a Capital Levy of 2.27% of the previous year's Net Levy and have a managed debt program of debenturing approximately \$6.1 million per year for the next 10 years through OMEIFA

The second part of Option 1 illustrates using OMEIFA for debenturing eligible projects. The cost of debenturing the projects is considerably reduced because of the lower interest rates available through OMEIFA. Again, implementing this option in 2004 will achieve the same results indicated in the study, but in 2013 rather than 2012.

The chart below shows that over the ten year period, the cumulative capital levy is still estimated to be about \$40 million, and the capital component of the budget is sufficient to meet the projected annual capital needs at the end of ten years. It also allows for 70% of the outstanding needs to be addressed during the period. The differences are that the maximum annual repayment amount is \$5.2 million rather than the \$6.5 million illustrated in the previous chart, and the total capital, shown in column 8 is \$61.1 million rather than \$59.8 million.

Column 9 shows that the total amount of capital to be undertaken is increased from the first chart, by the difference in the repayment amounts.

Option 1

**CITY OF GREATER SUDBURY
Long Term Financial Plan - Capital Financing Alternatives
Option 1 - 2.27% Capital Levy and Debentures through OMEIFA**

Year	1 Estimated * 2.27% Capital Levy \$	2 Cumulative Cap Levy \$	3 Portion for** Debt Repay. \$	4 (1-3) Net Cum. New Capital \$	5 10-Year *** Capital Policy Incr. To Env. \$	6 Est. Infla- tion - 2% \$	7 Est **** Existing Envelopes \$	8 (4+7) Total Capital Excl Debt \$	9 Capital to be Under- taken \$
2003								19,692,275	
2004	2,914,816	2,914,816	520,300	2,394,516	750,000	393,846	20,836,121	23,230,637	29,330,637
2005	3,279,168	6,193,984	1,040,600	5,153,384	749,235	416,722	22,002,078	27,155,462	33,255,462
2006	3,492,314	9,686,298	1,560,900	8,125,398	127,000	440,042	22,569,119	30,694,517	36,794,517
2007	3,687,884	13,374,182	2,081,200	11,292,982	139,279	451,382	23,159,781	34,452,763	40,552,763
2008	3,887,029	17,261,211	2,601,500	14,659,711	46,423	463,196	23,669,399	38,329,110	44,429,110
2009	4,096,929	21,358,140	3,121,800	18,236,340	-	473,388	24,142,787	42,379,127	48,479,127
2010	4,314,066	25,672,206	3,642,100	22,030,106	28,383	482,856	24,654,026	46,684,132	52,784,132
2011	4,542,712	30,214,918	4,162,400	26,052,518	82,713	493,081	25,229,820	51,282,338	57,382,338
2012	4,783,476	34,998,394	4,682,700	30,315,694	-	504,596	25,734,416	56,050,110	62,150,110
2013	5,037,000	40,035,394	5,203,000	34,832,394	-	514,688	26,249,104	61,081,498	67,181,498

* Based on Long Term Financial Plan recommendations

** \$6.1 million/year debt issued for 10 years for \$61 million in debentures (15 years, 3.25%)

*** As adopted by Council in April, 2001 and since amended (changes to envelopes plus any decreased debt repayments)

**** Excludes Water and Wastewater Envelopes

It should, however, be pointed out that there is no guarantee that OMEIFA funding will still be available to municipalities for the next ten year period, but that assumption has been made for purposes of this chart. Using OMEIFA to issue debentures would make the annual debenture repayments reach their maximum of \$5,203,000 in 2014, and all of the issued debt would still be repaid by 2028. Using OMEIFA financing for the debentures means only Roads, Solid Waste or Transit projects could be debentured. Other capital needs would be funded through the existing envelopes, debenturing at market, and the portion of the capital levy not required for debt repayment. Again, the other capital needs would be undertaken on a priority basis, as decided by Council.

Date: September 19, 2003

Option 2 - Implement a Capital Levy of 2.27% of the previous year's Net Levy and have a managed debt program of debenturing approximately \$15.25 million per year for the next 4 years at market rates

This option modifies the recommendation from the Long Term Financial Plan by accelerating the debenturing program. The total cost of debenturing the projects is identical to that in Option 1, but the debt would be fully repaid 6 years earlier. Again, implementing this option in 2004 will achieve the same results indicated in the study, but in 2013 rather than 2012.

The chart below shows that over the ten year period, the cumulative capital levy is still estimated to be about \$40 million, which fully addresses the annual funding gap, and brings the capital component of the budget to the amount necessary to meet the projected annual needs at the end of ten years. It also allows for 70% of the outstanding needs to be addressed during the period.

Column 9 illustrates the increase in capital which can be undertaken during the first four years, as compared to Option 1, and also shows that total capital undertaken would be less in the later years.

Option 2

**CITY OF GREATER SUDBURY
Long Term Financial Plan - Capital Financing Alternatives
Option 2 - 2.27% Capital Levy and Accelerated Debenturing at Market**

Year	1 Estimated * 2.27% Capital Levy \$	2 Cumulative Cap Levy \$	3 Portion for** Debt Repay. \$	4 (1-3) Net Cum. New Capital \$	5 10-Year *** Capital Policy Incr. To Env. \$	6 Est. Infla- tion - 2% \$	7 Est **** Existing Envelopes \$	8 (4+7) Total Capital Excl Debt \$	9 Capital to be Under- taken \$
2003								19,692,275	
2004	2,914,816	2,914,816	1,621,900	1,292,916	750,000	393,846	20,836,121	22,129,037	37,379,037
2005	3,279,168	6,193,984	3,243,800	2,950,184	749,235	416,722	22,002,078	24,952,262	40,202,262
2006	3,492,314	9,686,298	4,865,700	4,820,598	127,000	440,042	22,569,119	27,389,717	42,639,717
2007	3,687,884	13,374,182	6,488,000	6,886,582	139,279	451,382	23,159,781	30,046,363	45,296,363
2008	3,887,029	17,261,211	6,488,000	10,773,611	46,423	463,196	23,669,399	34,443,010	34,443,010
2009	4,096,929	21,358,140	6,488,000	14,870,540	-	473,388	24,142,787	39,013,327	39,013,327
2010	4,314,066	25,672,206	6,488,000	19,184,606	28,383	482,856	24,654,026	43,838,632	43,838,632
2011	4,542,712	30,214,918	6,488,000	23,727,318	82,713	493,081	25,229,820	48,957,138	48,957,138
2012	4,783,476	34,998,394	6,488,000	28,510,794	-	504,596	25,734,416	54,245,210	54,245,210
2013	5,037,000	40,035,394	6,488,000	33,547,794	-	514,688	26,249,104	59,796,898	59,796,898

* Based on Long Term Financial Plan recommendations

** \$15.25 million/year debt issued for 4 years for \$61 million in debentures (15 years, 6.5%)

*** As adopted by Council in April, 2001 and since amended (changes to envelopes plus any decreased debt repayments)

**** Excludes Water and Wastewater Envelopes

Using the regular market place to issue debentures would make the annual debenture repayments reach their maximum of \$6,488,000 in 2007, and all of the issued debt would be repaid by 2022. Using the regular market place for the debentures means any project could be debentured. The projects to be undertaken as funding becomes available would be decided by Council, on a priority basis.

Date: September 19, 2003

Option 2 continued - Implement a Capital Levy of 2.27% of the previous year's Net Levy and have a managed debt program of debenturing approximately \$15.25 million per year for the next 4 years through OMEIFA

The second part of Option 2 illustrates using OMEIFA for debenturing eligible projects. The cost of debenturing the projects is considerably reduced because of the lower interest rates available through OMEIFA. This is illustrated in the chart below.

Option 2

**CITY OF GREATER SUDBURY
Long Term Financial Plan - Capital Financing Alternatives
Option 2 - 2.27% Capital Levy and Accelerated OMEIFA Debenturing**

Year	1 Estimated * 2.27% Capital Levy \$	2 Cumulative Cap Levy \$	3 Portion for** Debt Repay. \$	4 (1-3) Net Cum. New Capital \$	5 10-Year *** Capital Policy Incr. To Env. \$	6 Est. Infla- tion - 2% \$	7 Est **** Existing Envelopes \$	8 (4+7) Total Capital Excl Debt \$	9 Capital to be Under- taken \$
2003								19,692,275	
2004	2,914,816	2,914,816	1,300,700	1,614,116	750,000	393,846	20,836,121	22,450,237	37,700,237
2005	3,279,168	6,193,984	2,601,400	3,592,584	749,235	416,722	22,002,078	25,594,662	40,844,662
2006	3,482,314	9,686,298	3,902,100	5,784,198	127,000	440,042	22,569,119	28,353,317	43,603,317
2007	3,687,884	13,374,182	5,202,800	8,171,382	139,279	451,382	23,159,781	31,331,163	46,581,163
2008	3,887,029	17,261,211	5,202,800	12,058,411	46,423	463,196	23,669,399	35,727,810	35,727,810
2009	4,096,929	21,358,140	5,202,800	16,155,340	-	473,388	24,142,787	40,298,127	40,298,127
2010	4,314,066	25,672,206	5,202,800	20,469,406	28,383	482,856	24,654,026	45,123,432	45,123,432
2011	4,542,712	30,214,918	5,202,800	25,012,118	82,713	493,081	25,229,820	50,241,938	50,241,938
2012	4,783,476	34,998,394	5,202,800	29,795,594	-	504,596	25,734,416	55,530,010	55,530,010
2013	5,037,000	40,035,394	5,202,800	34,832,594	-	514,688	26,249,104	61,081,698	61,081,698

* Based on Long Term Financial Plan recommendations
 ** \$15.25 million/year debt issued for 4 years for \$61 million in debentures (15 years, 3.25%)
 *** As adopted by Council in April, 2001 and since amended (changes to envelopes plus any decreased debt repayments)
 **** Excludes Water and Wastewater Envelopes

Using OMEIFA to issue debentures on an accelerated program would make the annual debenture repayments reach their maximum of \$5,203,000 in 2007, and all of the issued debt would be repaid by 2022. Again, using OMEIFA financing for the debentures means only Roads, Solid Waste, or Transit projects could be debentured. Public Works indicates that although it would be possible to undertake a Roads program at this accelerated rate, it might well be too disruptive to the public. The differences between the two charts are that maximum repayments are \$5.2 million rather than \$6.5 on the previous chart, while total capital in column 8 is \$61.1 million rather than \$59.8 million.

Column 9 shows the greater amount of total capital to be undertaken, as a result of the lower repayments.

Other capital needs would be funded through the envelopes and the portion of the capital levy not required for debt repayment. Again, the other capital needs would be undertaken on a priority basis, as decided by Council. The timing would be different than in Option 2 since more of the capital levy would be required to repay debt in the earlier years, but the debt would be repaid sooner, freeing up the funding for other capital needs.

Date: September 19, 2003

Capital Financing Alternatives - Water / Wastewater Projects

Water/Wastewater Priority List

In 1998 a priority list for Water / Wastewater projects was approved by the former Region (copy attached - Appendix A). At that time this list totaled \$28 million. To allow for changes and inflation since that time, a total of \$35 million has been used for the purpose of this report.

Two options have been developed to finance Water and Wastewater projects in order for the City to begin addressing the priority list for these services. The first option would allow the City to address half of the projects, while the second allows for the full priority list to proceed. For this report, and for illustrative purposes only, it has been assumed that wastewater projects will cost about 16% more than water projects. However, each project will have different costs. Some will affect both rates, some will affect only water rates, while others will affect only wastewater rates.

Amendments to Existing Policies

If Council decides to proceed with these projects, two existing policies must be addressed. The first is Council's policy to maintain infrastructure only and not expand services. If the priority list is to proceed, this policy should be suspended for water/ wastewater projects until the priority list (or a portion thereof) has been serviced.

The second policy is "Policy on Sewer and Water Extensions". This policy has been attached, as Appendix B. The proposed revised policy is as follows:

Policy on Water/Wastewater Extensions

- That the authority provided in the Municipal Act be used for projects initiated by City Council;
- That each lot (parcel) at the time of project initiation be provided with one standard size service connection from main to lot line. Any lot (parcel) requiring a service larger than standard size must pay the difference up-front between the size required and standard size. Any additional connections requested will be paid for up-front, at actual costs;
- That any lot (parcel) created through the severance or subdivision process following project initiation be required to pay the appropriate per lot charge, plus the actual cost of any water and/or wastewater connection at that time;
- That the interest rate to be charged on repayments for those properties not paid up-front be the interest rate to be charged on debentures for the project; and
- That water and/or wastewater extension projects proceed, subject to the availability of capital funding or financing, based on the following criteria:
 - Every effort will be made to proceed with any project which receives Provincial subsidy
 - Projects must be on the Water/Wastewater Priority list, as adopted in March 1987, and as amended from time to time. It is further recommended that Council review this list annually, or as required, in order that any projects resulting from health-related issues may be added to or moved up on this list. Where possible, projects will proceed in priority order

- Per policy, all benefitting property owners must connect to newly constructed water and/or wastewater services
- Those benefitting property owners not providing up-front funding will be subject to the same per lot (parcel) charges, to be repaid annually over a period not to exceed fifteen (15) years, with the established rate of interest being used to calculate the repayment amount
- The annual repayments will be credited back to the appropriate cost centres in the current budget (either Water or Wastewater or both, depending on the project), in order to repay the debentured amounts.

Date: September 19, 2003

Option 1 W/WW - Addressing approximately one-half of the Water/Wastewater Priority List by debenturing \$1.75 million per year for the next ten years at market rates

The chart below illustrates financing a total of \$17.5 million in water/wastewater projects, using the market for debenturing.

Option 1 - W/WW

CITY OF GREATER SUDBURY
Capital Financing Alternatives - Water / Wastewater Projects
Option 1 - \$17.5 million over 10 Years and Debenturing at Market

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2005	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2006	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2007	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2008	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2009	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2010	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2011	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2012	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2013	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944

* Undertake \$17.5 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water
 ** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years
 *** Annual repayments are based on financing at market rates (6.5%, 15 years)

In accordance with policy, benefitting landowners would be responsible for 50% of the costs of the project, whether they pay up-front, or over the term of the debentures. It has been assumed that both the City and the landowners would simply pay their respective shares over the 15 year term. The total annual repayments for each year of debenturing would be \$186,000. Of this amount, 50% would come from per lot (frontage) charges while the remainder would be raised through water/wastewater rates. At the end of the ten years, total repayments would be \$1.9 million. This debt would be paid in full by 2028.

In order to finance the City's share of the projects, the water rates would have to be increased. Although each \$1.75 million dollar debenture would result in a water rate increase of about 0.25% or \$1.51 to pay the City's share of the project, the cumulative increase over the ten year period, would result in about a 2.5% increase in rates. For the average residential customer, consuming 240 cubic metres of water annually, the total increase, including both water and wastewater, at the end of ten years would be about \$15.

Any increase would be in addition to the significant increased rates projected for the next few years to maintain the Sustainable Capital Assets Management Plan and implement any legislated water and wastewater programs.

Date: September 19, 2003

Option 1 W/WW continued - Addressing approximately one-half of the Water/Wastewater Priority List by debenturing \$1.75 million per year for the next ten years through OMEIFA

The chart below illustrates financing a total of \$17.5 million in water/wastewater projects, using OMEIFA for debenturing. The only difference between the two charts is the difference in repayments due to the interest rates through OMEIFA being considerably less than market. It is not known how long OMEIFA financing will be available, but every effort would be made to finance as much as possible under this financing authority.

Option 1 - W/WW

CITY OF GREATER SUDBURY
Capital Financing Alternatives - Water / Wastewater Projects
Option 1 - \$17.5 million over 10 Years using OMEIFA financing

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2005	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2006	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2007	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2008	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2009	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2010	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2011	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2012	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2013	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090

* Undertake \$17.5 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water
 ** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years
 *** Annual repayments are based on OMEIFA financing (3.25%, 15 years)

In accordance with policy, benefitting landowners would be responsible for 50% of the costs of the project, whether they pay up-front, or over the term of the debentures. It has been assumed that both the City and the landowners would simply pay their respective shares over the 15 year term. The total annual repayments for each year of debenturing would be just over \$149,000. Of this amount, 50% would come from per lot (frontage) charges while the remainder would be raised through water/wastewater rates. At the end of the ten years, total repayments would be \$1.5 million. This debt would be paid in full by 2028.

In order to finance the City's share of the projects, the water rates would have to be increased. Although each \$1.75 million dollar debenture would result in a water rate increase of about 0.20% or \$1.21 to pay the City's share of the project, the cumulative increase over the ten year period, would result in about a 2.0% increase in rates. For the average residential customer, consuming 240 cubic metres of water annually, the total increase, including both water and wastewater, at the end of ten years would be about \$12.

Any increase would be in addition to the significant increased rates projected for the next few years to maintain the Sustainable Capital Assets Management Plan and implement any legislated water and wastewater programs.

Date: September 19, 2003

Option 2 W/WW - Addressing the full Water/Wastewater Priority List by debenturing \$3.5 million per year for the next ten years at market rates

The chart below illustrates financing a total of \$35 million in water/wastewater projects, using the market for debenturing.

CITY OF GREATER SUDBURY
Capital Financing Alternatives - Water / Wastewater Projects
Option 2 - \$35 million over 10 Years and Debenturing at Market

Option 2 - W/WW

Year	Gross* Project Cost	Recovery** from Landowner s	Net City Share	Amount to be Debentured	Annual*** Repayments	Recovered from Landowners	Net City Share	Water Portion	Wastewater Portion
	\$	\$	\$	\$	\$	\$	\$	\$	\$
2004	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2005	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2006	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2007	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2008	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2009	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2010	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2011	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2012	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2013	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943

* Undertake \$35 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water
 ** Per policy, benefiting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years
 *** Annual repayments are based on financing at market rates (6.5%, 15 years)

In accordance with policy, benefitting landowners would be responsible for 50% of the costs of the project, whether they pay up-front, or over the term of the debentures. It has been assumed that both the City and the landowners would simply pay their respective shares over the 15 year term. The total annual repayments for each year of debenturing would be just over \$372,000. Of this amount, 50% would come from per lot (frontage) charges while the remainder would be raised through water/wastewater rates. At the end of the ten years, total repayments would be \$3.7 million. This debt would be paid in full by 2028.

In order to finance the City's share of the projects, the water rates would have to be increased. Although each \$3.5 million dollar debenture would result in a water rate increase of about 0.50% or \$3.02 to pay the City's share of the project, the cumulative increase over the ten year period, would result in about a 5% increase in rates. For the average residential customer, consuming 240 cubic metres of water annually, the total increase, including both water and wastewater, at the end of ten years would be about \$30.

Any increase would be in addition to the significant increased rates projected for the next few years to maintain the Sustainable Capital Assets Management Plan and implement any legislated water and wastewater programs.

Date: September 19, 2003

Option 2 W/WW continued - Addressing the full Water/Wastewater Priority List by debenturing \$3.5 million per year for the next ten years through OMEIFA

The chart below illustrates financing a total of \$35 million in water/wastewater projects, using OMEIFA for debenturing. The only difference between the two charts is the difference in repayments due to the interest rates through OMEIFA being considerably less than market. It is not known how long OMEIFA financing will be available, but every effort would be made to finance as much as possible under this financing authority.

CITY OF GREATER SUDBURY
Capital Financing Alternatives - Water / Wastewater Projects
Option 2 - \$35 million over 10 Years using OMEIFA financing

Option 2 - W/WW

Year	Gross* Project Cost	Recovery** from Landowner	Net City Share	Amount to be Debentured	Annual*** Repayments	Recovered from Landowners	Net City Share	Water Portion	Wastewater Portion
	\$	\$	\$	\$	\$	\$	\$	\$	\$
2004	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2005	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2006	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2007	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2008	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2009	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2010	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2011	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2012	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2013	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153

* Undertake \$35 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water
 ** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years
 *** Annual repayments are based on OMEIFA financing (3.25%, 15 years)

In accordance with policy, benefitting landowners would be responsible for 50% of the costs of the project, whether they pay up-front, or over the term of the debentures. It has been assumed that both the City and the landowners would simply pay their respective shares over the 15 year term. The total annual repayments for each year of debenturing would be almost \$299,000. Of this amount, 50% would come from per lot (frontage) charges while the remainder would be raised through water/wastewater rates. At the end of the ten years, total repayments would be \$3 million. This debt would be paid in full by 2028.

In order to finance the City's share of the projects, the water rates would have to be increased. Although each \$3.5 million dollar debenture would result in a water rate increase of about 0.40% or \$2.42 to pay the City's share of the project, the cumulative increase over the ten year period, would result in about a 4% increase in rates. For the average residential customer, consuming 240 cubic metres of water annually, the total increase, including both water and wastewater, at the end of ten years would be about \$24.

Any increase would be in addition to the significant increased rates projected for the next few years to maintain the Sustainable Capital Assets Management Plan and implement any legislated water and wastewater programs.

Summary

In summary, it is recommended that Council implement the Long Term Financial Plan recommendations and address the Water/Wastewater priority list by:

- Directing the existing Capital Envelopes to be further increased by inflation
- Adopting an option from the Capital Financing Alternatives for implementation of the Long Term Financial Plan recommendations
- Adopting an option from the Capital Financing Alternatives for Water/Wastewater extensions
- Applying to the Ontario Municipal Economic Infrastructure Financing Authority to participate in this funding scheme, it being understood that OMEIFA financing will be utilized by the City wherever possible and that the open market will be used where necessary
- Suspending the moratorium on constructing new infrastructure for the Water/Wastewater priority list projects; and
- Adopting a revised policy on Water and Wastewater extensions.

Regardless of which of the recommendations of this report are adopted, the end result will be increased funding available to address our capital needs. Until the end of the ten year forecast, needs still outweigh funding, and the funds should be allocated on a priority basis. A further report, recommending the allocation of the new funding will be prepared before the end of the year.

APPENDIX "A"

**PRIORITY LIST
SEWER AND WATER
FOR UNSERVED AREAS
IN THE REGIONAL MUNICIPALITY OF SUDBURY**

RANK	POINTS	AREA	MUNICIPALITY	MAP PAGE NO.	SEWER OR WATER	UNITS/ VACANT PARCELS	PRELIMINARY ESTIMATED COST 1998
1	109.44	South Shore Lake Ramsey	Sudbury	1	Water	109/35	\$ 1,466,000
2	102.24	Romford Area	Nickel Centre	2	Water	27/9	\$ 828,000
3	77.71	Laberge Lane	Sudbury	3	Sewer	3/1	\$ 185,000
4	49.93	South Shore Lake Ramsey	Sudbury	1	Sewer	116/35	\$ 4,766,000
5	42.69	Romford Area	Nickel Centre	2	Sewer	27/9	\$ 1,146,000
6	23.27	Huron Street	Sudbury	4	Sewer	2/4	\$ 140,000
7	20.78	Hwy. 17E Kingsway	Sudbury	5	Sewer	8/2	\$ 766,000
8	17.54	R.R. #86 South of Metcalf	Nickel Centre	6	Sewer	8/1	\$ 399,000
9	15.45	Skead Road	Nickel Centre	7	Sewer	142/18	\$ 6,104,000
10	15.38	School Lane	Nickel Centre	8	Sewer	3/0	\$ 83,000
11	14.56	Golf Course Road	Rayside-Balfour	9	Water	7/2	\$ 342,000
12	12.87	Valleyview Road	Valley East	10	Sewer	58/32	\$ 3,040,000
13	11.57	Parkside Drive	Walden	11	Water	5/3	\$ 293,000
14	10.72	Brabant Street	Rayside-Balfour	12	Sewer	4/4	\$ 321,000
15	10.21	Brabant Street	Rayside-Balfour	12	Water	4/4	\$ 238,000
16	9.17	Este Drive	Sudbury	13	Sewer	3/0	\$ 335,000
17	8.26	R.R. #15	Rayside-Balfour	14	Sewer	5/0	\$ 158,000
18	8.24	Parkside Drive	Walden	11	Sewer	5/3	\$ 256,000
19	7.45	Ruttan Subdivision	Onaping Falls	15	Water	16/29	\$ 631,000
20	5.87	Golf Course Road	Rayside-Balfour	9	Sewer	20/4	\$ 876,000
21	3.28	Labine Street	Rayside-Balfour	16	Sewer	31/14	\$ 1,703,000
22	2.84	Ruttan Subdivision	Onaping Falls	15	Sewer	16/29	\$ 691,000
23	2.51	Huron Street	Sudbury	4	Water	2/4	\$ 95,000
24	1.38	Este Drive	Sudbury	13	Water	3/0	\$ 286,000
25	1.31	Dominion Drive (Rose Cr. to Roma & Notre Dame to Frost St.)	Valley East	17 18	Water	39/11	\$ 1,620,000
26	0.76	Lasalle Blvd. Extension	Sudbury	19	Sewer	6/10	\$ 472,000
27	0.45	Dominion Drive (Notre Dame to 3,360 ft. Westerly)	Valley East	18	Sewer	7/4	\$ 874,000
					TOTAL	676/267	\$28,112,000

NOTE: Priority established March, 1987
Costs updated February, 1998

1998/02/16
Attachments



Interoffice Correspondence

October 10, 1997

RECEIVED

10 OCT 16 1997

FINANCIAL SERVICES

TO: P. Morrow

FROM: Angie Haché

RE: Policy on Sewer and Water Extensions

The following resolution #97-71 was passed by the Corporate Services Committee on September 29, 1997 and ratified by Regional Council on October 8, 1997:

That the per lot (parcel) policy, as approved by Regional Council October 9, 1991 be abandoned;

That the authority provided in the Municipal Act continue to be used for project initiation by Regional Council;

That each lot (parcel) at the time of project initiation be provided with one standard size service connection from main to lot line. Any lot (parcel) requiring a service larger than standard size must pay the difference up front between size required and standard size. Any additional connections requested will be paid for up front, at actual costs;

That any lot (parcel) created through the severance or subdivision process following project initiation would be required to pay the appropriate per lot charge, plus the actual cost of any sewer and water connection at that time;

That the interest rate to be charged on repayments for those properties not paid up-front be the interest rate used by the Ministry of Municipal Affairs and Housing when it establishes the municipal annual repayment limit; and

2.

Corporate Services Resolution #97-71 (Cont'd)

That sewer and/or water extension projects proceed, subject to the availability of capital funding, based on the following criteria:

- Every effort will be made to proceed with any project which receives Provincial subsidy.
- Projects must be on the Regional Sewer/Water Priority List, as adopted by the Public Works Committee in March 1987, and as amended from time to time. It is further recommended that the Public Works Committee review this list annually, or as required, in order that any projects resulting from health-related issues may be added to or moved up on this list. Where possible, projects will proceed in priority order.
- Before any project proceeds, the participation rate of benefitting property owners must be 100%, with those benefitting property owners funding 50% of the actual net cost of the project, through per lot charges. No less than 80% of the property owners' share must be up-front funding.
- Those benefitting property owners not providing up-front funding will be subject to the same per lot charges, to be repaid annually over a period not to exceed ten (10) years, with the established rate of interest being used to calculate the annual repayment amount.
- The annual repayments will be credited to the appropriate Capital Financing Reserve Fund (either Sewer or Water or both, depending on the project), in order to replenish the reserve funds for use in future capital projects.

That the process must be initiated by property owners submitting a petition to The Regional Municipality of Sudbury.

A. Hache

c.c. Doug Wuksinic
Bill Lautenbach
Sandra Jonasson ✓
Ron Swiddle

Option 1

CITY OF GREATER SUDBURY
 Long Term Financial Plan - Capital Financing Alternatives
 Option 1 - 2.27% Capital Levy and Debentures at Market

Year	1	2	3	4	5	6	7	8	9
	Estimated *			(1-3)	10-Year ***	Est. Inflation - 2%	Est ****	(4+7)	Capital
	Capital Levy	Cumulative	Portion for**	Net Cum.	Capital Policy	tion - 2%	Existing	Total	to be
	\$	Cap Levy	Debt Repay.	New Capital	Incr. To Env.	\$	Envelopes	Capital	Under-
		\$	\$	\$	\$		\$	Excl Debt	taken
2003	2,914,816	2,914,816	648,800	2,266,016	750,000	393,846	20,836,121	19,692,275	\$
2004	3,279,168	6,193,984	1,297,600	4,896,384	749,235	416,722	22,002,078	23,102,137	29,202,137
2005	3,492,314	9,686,298	1,946,400	7,739,898	127,000	440,042	22,569,119	26,898,462	32,998,462
2006	3,687,884	13,374,182	2,595,200	10,778,982	139,279	451,382	23,159,781	30,309,017	36,409,017
2007	3,887,029	17,261,211	3,244,000	14,017,211	46,423	463,196	23,669,399	33,938,763	40,038,763
2008	4,096,929	21,358,140	3,892,800	17,465,340	-	473,388	24,142,787	37,686,610	43,786,610
2009	4,314,066	25,672,206	4,541,600	21,130,606	28,383	482,856	24,654,026	41,608,127	47,708,127
2010	4,542,712	30,214,918	5,190,400	25,024,518	82,713	493,081	25,229,820	45,784,632	51,884,632
2011	4,783,476	34,998,394	5,839,200	29,159,194	-	504,596	25,734,416	50,254,338	56,354,338
2012	5,037,000	40,035,394	6,488,000	33,547,394	-	514,688	26,249,104	54,893,610	60,993,610
2013								59,796,498	65,896,498

* Based on Long Term Financial Plan recommendations

** \$6.1 million/year debt issued for 10 years for \$61 million in debentures (15 year, 6.5%)

*** As adopted by Council in April, 2001 and since amended (changes to envelopes plus any decreased debt repayments)

**** Excludes Water and Wastewater Envelopes

Option 1

CITY OF GREATER SUDBURY
 Long Term Financial Plan - Capital Financing Alternatives
 Option 1 - 2.27% Capital Levy and Debentures through OMEIFA

Year	1	2	3	4	5	6	7	8	9
Estimated * 2.27% Capital Levy \$		Cumulative Cap Levy \$	Portion for** Debt Repay. \$	Net Cum. New Capital \$	10-Year *** Capital Policy Incr. To Env. \$	Est. Infla- tion - 2% \$	Est **** Existing Envelopes \$	(4+7) Total Capital Excl Debt \$	Capital to be Under- taken \$
2003									
2004	2,914,816	2,914,816	520,300	2,394,516	750,000	393,846	20,836,121	19,692,275	29,330,637
2005	3,279,168	6,193,984	1,040,600	5,153,384	749,235	416,722	22,002,078	27,155,462	33,255,462
2006	3,492,314	9,686,298	1,560,900	8,125,398	127,000	440,042	22,569,119	30,694,517	36,794,517
2007	3,687,884	13,374,182	2,081,200	11,292,982	139,279	451,382	23,159,781	34,452,763	40,552,763
2008	3,887,029	17,261,211	2,601,500	14,659,711	46,423	463,196	23,669,399	38,329,110	44,429,110
2009	4,096,929	21,358,140	3,121,800	18,236,340	-	473,388	24,142,787	42,379,127	48,479,127
2010	4,314,066	25,672,206	3,642,100	22,030,106	28,383	482,856	24,654,026	46,684,132	52,784,132
2011	4,542,712	30,214,918	4,162,400	26,052,518	82,713	493,081	25,229,820	51,282,338	57,382,338
2012	4,783,476	34,998,394	4,682,700	30,315,694	-	504,596	25,734,416	56,050,110	62,150,110
2013	5,037,000	40,035,394	5,203,000	34,832,394	-	514,688	26,249,104	61,081,498	67,181,498

* Based on Long Term Financial Plan recommendations

** \$6.1 million/year debt issued for 10 years for \$61 million in debentures (15 years, 3.25%)

*** As adopted by Council in April, 2001 and since amended (changes to envelopes plus any decreased debt repayments)

**** Excludes Water and Wastewater Envelopes

Option 2

CITY OF GREATER SUDBURY
 Long Term Financial Plan - Capital Financing Alternatives
 Option 2 - 2.27% Capital Levy and Accelerated Debenturing at Market

Year	1	2	3	4	5	6	7	8	9
Estimated * 2.27% Capital Levy \$		Cumulative Cap Levy \$	Portion for** Debt Repay. \$	Net Cum. New Capital \$	10-Year *** Capital Policy Incr. To Env. \$	Est. Infla- tion - 2% \$	Est **** Existing Envelopes \$	(4+7) Total Capital Excl Debt \$	Capital to be Under- taken \$
2003								19,692,275	
2004	2,914,816	2,914,816	1,621,900	1,292,916	750,000	393,846	20,836,121	22,129,037	37,379,037
2005	3,279,168	6,193,984	3,243,800	2,950,184	749,235	416,722	22,002,078	24,952,262	40,202,262
2006	3,492,314	9,686,298	4,865,700	4,820,598	127,000	440,042	22,569,119	27,389,717	42,639,717
2007	3,687,884	13,374,182	6,487,600	6,886,582	139,279	451,382	23,159,781	30,046,363	45,296,363
2008	3,887,029	17,261,211	6,487,600	10,773,611	46,423	463,196	23,669,399	34,443,010	34,443,010
2009	4,096,929	21,358,140	6,487,600	14,870,540	-	473,388	24,142,787	39,013,327	39,013,327
2010	4,314,066	25,672,206	6,487,600	19,184,606	28,383	482,856	24,654,026	43,838,632	43,838,632
2011	4,542,712	30,214,918	6,487,600	23,727,318	82,713	493,081	25,229,820	48,957,138	48,957,138
2012	4,783,476	34,998,394	6,487,600	28,510,794	-	504,596	25,734,416	54,245,210	54,245,210
2013	5,037,000	40,035,394	6,487,600	33,547,794	-	514,688	26,249,104	59,796,898	59,796,898

* Based on Long Term Financial Plan recommendations

** \$15.25 million/year debt issued for 4 years for \$61 million in debentures (15 years, 6.5%)

*** As adopted by Council in April, 2001 and since amended (changes to envelopes plus any decreased debt repayments)

**** Excludes Water and Wastewater Envelopes

Option 2

CITY OF GREATER SUBBURY

Long Term Financial Plan - Capital Financing Alternatives
Option 2 - 2.27% Capital Levy and Accelerated OMEIFA Debenturing

Year	1	2	3	4	5	6	7	8	9
Estimated * 2.27% Capital Levy \$		Cumulative Cap Levy \$	Portion for** Debt Repay. \$	Net Cum. New Capital \$	10-Year *** Capital Policy Incr. To Env. \$	Est. Infla- tion - 2% \$	Est **** Existing Envelopes \$	(4+7) Total Capital Excl Debt \$	Capital to be Under- taken \$
2003									
2004	2,914,816	2,914,816	1,300,700	1,614,116	750,000	393,846	20,836,121	19,692,275	37,700,237
2005	3,279,168	6,193,984	2,601,400	3,592,584	749,235	416,722	22,002,078	22,450,237	40,844,662
2006	3,492,314	9,686,298	3,902,100	5,784,198	127,000	440,042	22,569,119	25,594,662	43,603,317
2007	3,687,884	13,374,182	5,202,800	8,171,382	139,279	451,382	23,159,781	28,353,317	46,581,163
2008	3,887,029	17,261,211	5,202,800	12,058,411	46,423	463,196	23,669,399	31,331,163	46,581,163
2009	4,096,929	21,358,140	5,202,800	16,155,340	-	473,388	24,142,787	35,727,810	35,727,810
2010	4,314,066	25,672,206	5,202,800	20,469,406	28,383	482,856	24,654,026	40,298,127	40,298,127
2011	4,542,712	30,214,918	5,202,800	25,012,118	82,713	493,081	25,229,820	45,123,432	45,123,432
2012	4,783,476	34,998,394	5,202,800	29,795,594	-	504,596	25,734,416	50,241,938	50,241,938
2013	5,037,000	40,035,394	5,202,800	34,832,594	-	514,688	26,249,104	55,530,010	55,530,010
								61,081,698	61,081,698

* Based on Long Term Financial Plan recommendations

** \$15.25 million/year debt issued for 4 years for \$61 million in debentures (15 years, 3.25%)

*** As adopted by Council in April, 2001 and since amended (changes to envelopes plus any decreased debt repayments)

**** Excludes Water and Wastewater Envelopes

Option 1 - WWWW

CITY OF GREATER SUDBURY
 Capital Financing Alternatives - Water / Wastewater Projects
 Option 1 - \$17.5 million over 10 Years and Debenturing at Market

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2005	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2006	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2007	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2008	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2009	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2010	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2011	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2012	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944
2013	1,750,000	875,000	875,000	1,750,000	186,000	93,000	93,000	43,056	49,944

* Undertake \$17.5 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water
 ** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years
 *** Annual repayments are based on financing at market rates (6.5%, 15 years)

Option 1 - W/WW

CITY OF GREATER SUDBURY
 Capital Financing Alternatives - Water / Wastewater Projects
 Option 1 - \$17.5 million over 10 Years using OMEIFA financing

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2005	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2006	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2007	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2008	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2009	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2010	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2011	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2012	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090
2013	1,750,000	875,000	875,000	1,750,000	149,300	74,650	74,650	34,560	40,090

* Undertake \$17.5 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water
 ** Per policy, benefiting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years
 *** Annual repayments are based on OMEIFA financing (3.25%, 15 years)

Option 2- W/WW

CITY OF GREATER SUDBURY
 Capital Financing Alternatives - Water / Wastewater Projects
 Option 2 - \$35 million over 10 Years and Debenturing at Market

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured. \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2005	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2006	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2007	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2008	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2009	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2010	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2011	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2012	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943
2013	3,500,000	1,750,000	1,750,000	3,500,000	372,200	186,100	186,100	86,157	99,943

* Undertake \$35 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water
 ** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years
 *** Annual repayments are based on financing at market rates (6.5%, 15 years)

Option 2 - W/WW

CITY OF GREATER SUBBURY
 Capital Financing Alternatives - Water / Wastewater Projects
 Option 2 - \$35 million over 10 Years using OMEIFA financing

Year	Gross* Project Cost \$	Recovery** from Landowners \$	Net City Share \$	Amount to be Debentured \$	Annual*** Repayments \$	Recovered from Landowners \$	Net City Share \$	Water Portion \$	Wastewater Portion \$
2004	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2005	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2006	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2007	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2008	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2009	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2010	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2011	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2012	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153
2013	3,500,000	1,750,000	1,750,000	3,500,000	298,500	149,250	149,250	69,097	80,153

* Undertake \$35 million of projects over ten years, assuming that costs for wastewater are 116% of costs for water
 ** Per policy, benefitting landowners will pay 50% of the project costs, either up-front or over the repayment period of 15 years
 *** Annual repayments are based on OMEIFA financing (3.25%, 15 years)

2002 Programme

Section	Length	Road	From	To	Treatment	Cost	
	(m)						
			No Work Scheduled				

2003 Programme

Section	Length	Road	From	To	Treatment	Cost	
	(m)						
			No Work Scheduled				

2004 Programme

Section	Length	Road	From	To	Treatment	Cost	
	(m)						
			No Work Scheduled				

2005 Programme

Section	Length	Road	From	To	Treatment	Cost
00580-000574	243.00	Barrdowne Rd (Sud)	0.1 km North of Kingsway	Westmount Ave	SSOM	\$158,873
00870-000000	136.00	Birch St (NC - Con)	East St	Hwy 17	SDOM	\$80,025
02540-000000	82.00	East St (NC)	Birch St	Government Rd	SDOM	\$46,788
02985-005238	1,261.00	Falconbridge Hwy (NC)	Spruce St	RR 89	SSOM	\$294,443
02990-000296	203.00	Falconbridge Hwy (Sud)	Auger Ave	0.18 km North of Auger Ave	OV M	\$98,593
05215-004832	1,265.00	Lasalle Blvd (Sud)	0.030 km West of Holland Rd	Montrose Ave	DDOM	\$1,224,474
05215-007238	426.00	Lasalle Blvd (Sud)	0.3 km East of Notre Dame Ave	Notre Dame Ave	DDOM	\$455,758
05215-009665	1,100.00	Lasalle Blvd (Sud)	Frood Rd	0.2 km East Of Snow Dump Rd	DDOM	\$306,819
05215-010765	338.00	Lasalle Blvd (Sud)	0.2 km East Of Snow Dump Rd	0.2 km West Of Snow Dump Rd	SSOM	\$104,752
05215-011103	1,315.00	Lasalle Blvd (Sud)	0.2 km West Of Snow Dump Rd	Elm West	DDOM	\$366,788
04310-002257	1,709.00	Old Hwy 69N (VE)	0.07 km North of Thayer Mine Rd	Donaldson Cr	DDOM	\$953,370
04310-005538	480.00	Old Hwy 69N (VE)	0.3 km South of Hubert St	Fleming St	DDOM	\$464,623
04310-006018	1,337.00	Old Hwy 69N (VE)	Fleming St	0.2 km South of Valleyview Rd	DDOM	\$745,849
04310-008528	440.00	Old Hwy 69N (VE)	Fifth St	Second Ave	SSOM	\$136,364
07115-000000	9,236.00	Panache Lk Rd (Wal)	Old Hwy 17	South Property Limit of Indian Reserve	OV M	\$985,177
07115-009236	752.00	Panache Lk Rd (Wal)	South Property Limit of Indian Reserve	North Property Limit of Indian Reserve	SSOM	\$106,951
07115-009988	2,880.00	Panache Lk Rd (Wal)	North Property Limit of Indian Reserve	Ojibway Rd	OV M	\$307,201
07115-012868	920.00	Panache Lk Rd (Wal)	Ojibway Rd	South End	OV M	\$98,134

Analysis Set: ASET_ART

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

07155-003752	707.00	Paris St (Sud)	0.1 km South of John St	Van Horne St	DDOM	\$711,364
07815-002796	608.00	Regent St (Sud)	0.1 km North of Loachs Rd	Paris St	DDOM	\$565,291
08210-000000	110.00	RR 24 (Wal)	Old Hwy 17	Cpr Tracks	RCRM	\$87,913
08225-002288	580.00	RR 8 (OF)	Strathcona Mine Entrance	0.9 km North of Mcreeedy Mine Entrance	SSOM	\$132,968
08225-002868	205.00	RR 8 (OF)	Entrance	Riverview Ave	EXPM	\$50,043
09825-000000	374.00	Westmount Ave (Sud)	Attlee Ave	Barrydowne Rd	RCUM	\$635,120
	26,707.00					\$9,117,681

2006 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00545-004820	808.00	Bancroft Dr (Sud)	Levesque St	Moonlight Ave	RCUM	\$1,392,713
00580-000817	1,070.00	Barrydowne Rd (Sud)	Westmount Ave	CNR Crossing	DDOM	\$1,265,658
00580-001887	443.00	Barrydowne Rd (Sud)	CNR Crossing	Lasalle Blvd	DDOM	\$501,099
02680-000203	99.00	Elgin St (Sud)	Elm St	Cedar St	SDOM	\$76,448
02750-000507	100.00	Elm St (Sud)	Elgin St	Flood Rd	SSOM	\$60,673
02750-000607	240.00	Elm St (Sud)	Flood Rd	Lorne St	SSOM	\$145,614
02990-000000	296.00	Falconbridge Hwy (Sud)	Kingsway	Auger Ave	DDOM	\$251,785
03360-000100	180.00	Flood Rd (Sud)	Beech St	College St	DDOM	\$129,222
05215-004625	207.00	Lasalle Blvd (Sud)	Barrydowne Rd	0.030 km West of Holland Rd	DDOM	\$272,949
05215-007664	90.00	Lasalle Blvd (Sud)	Notre Dame Ave	Grady St	SSOM	\$71,243
05380-000000	344.00	Longyear Dr (RR 89) (NC)	Macdonnel St	Mine Gate	SDOM	\$188,850
05600-000000	926.00	Lorne St (Sud)	Elm St	Douglas St	SSOM	\$640,836
05600-003302	736.00	Lorne St (Sud)	Logan Ave	Kelly Lake Rd	SSOM	\$634,939
05810-000656	550.00	Malev Dr (Sud)	CNR Crossing	0.040 km East of Box Culvert	RCRM	\$446,157
05810-001513	1,319.00	Malev Dr (Sud)	0.247 km West of Box Culvert	Barrydowne Rd	RCRM	\$1,069,966
06435-000000	530.00	Montrose Ave	Lasalle Blvd	Grandview Blvd	SSOM	\$306,492
06435-000530	100.00	Montrose Ave	Grandview Blvd	Thorncliff Court	SSOM	\$63,991
04310-007648	880.00	Old Hwy 69N (VE)	0.1 km North of Valleyview Rd	Fifth St	SSOM	\$634,029
04310-008968	500.00	Old Hwy 69N (VE)	Second Ave	Main St	SSOM	\$447,935
07155-000000	579.00	Paris St (Sud)	Regent St	0.076 km North of Wagner St	DDOM	\$632,480
07815-002546	250.00	Regent St (Sud)	0.1 km South of Loachs Rd	0.1 km North of Loachs Rd	DDOM	\$177,429
09065-000189	250.00	Ste Anne Rd (Sud)	0.073 km East of St Ignatius St	Elgin St	SSOM	\$180,122
	10,497.00					\$9,590,630

2007 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00545-005628	3,110.00	Bancroft Dr (Sud)	Moonlight Ave	Caruso St	RCRM	\$2,560,658
01915-000000	1,430.00	Cote Blvd (VE)	Notre Dame Ave	Old Hwy 69N (Cap)	SSOM	\$1,045,752
02680-000955	571.00	Elgin St (Sud)	Minto St	Nelson St	SDOM	\$384,603

Date Produced: 1/20/2004

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Programme Report by Year (Filtered)

05540-000000	265.00	Lloyd St (Sud)	Kingsway	Brady St	DDOM	\$222,538
05810-000364	292.00	Maley Dr (Sud)	Old Falconbridge Hwy	CNR Crossing	RCUM	\$510,857
06845-000643	444.00	Notre Dame Ave (Sud)	Jogues St	Kathleen St	SSOM	\$467,817
08420-000000	1,267.00	Second Ave (Sud)	Bancroft Dr	0.2 km North of Scarlett Rd	SDOM	\$566,349
08475-000000	834.00	Sellwood Ave (Cap)	Railway Ave	Stull St	SSOM	\$561,750
	8,213.00					\$6,320,324

2008 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00580-003513	531.00	Barrdowne Rd (Sud)	0.07 km North of Lillian Blvd	Maley Dr	RCRM	\$443,764
08230-000000	6,528.00	RR 84 (Cap)	Stull St	Portelance Rd	RCRM	\$5,455,536
	7,059.00					\$5,899,300

2009 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
02985-004530	708.00	Falconbridge Hwy (NC)	Goodwill Dr	Spruce St	DDOM	\$209,598
04835-007756	453.00	Kingsway (Sud)	0.9 km West of Bancroft Dr	Argyle St	DDOM	\$428,653
04310-015059	441.00	Old Hwy 69N (VE)	0.2 km East of Dugas St	0.13 km West of Philippe St	OV M	\$219,578
08230-013928	6,150.00	RR 84 (Cap)	Milnet Rd	Mine Gate	RCRM	\$5,216,731
	7,752.00					\$6,074,560

2010 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
08230-006528	7,400.00	RR 84 (Cap)	Portelance Rd	Milnet Rd	RCRM	\$6,371,198
	7,400.00					\$6,371,198

2011 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
08220-008200	500.00	Old Hwy 144 (RB)			SSOM	\$84,719
	500.00					\$84,719

2012 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00545-003793	1,027.00	Bancroft Dr (Sud)	Fourth Ave	Levesque St	SDOM	\$355,668
02680-000597	358.00	Elgin St (Sud)	Durham St	Minto St	SSOM	\$257,915
	1,385.00					\$613,583

2013 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
03690-001013	107.00	Government Rd (NC)	0.07 km West of East St	East St	SDOM	\$68,776
05810-000000	364.00	Malev Dr (Sud)	Falconbridge Hwy	Old Falconbridge Hwy	RCUM	\$696,328
	471.00					\$765,104

2014 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
			No Work Scheduled			
Grand Total	69,984.00					\$44,837,099

2002 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
			No Work Scheduled			

2003 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
			No Work Scheduled			

2004 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
			No Work Scheduled			

2005 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00595-000000	257.00	Bay St (Wal)	Old Hwy 17W	Elizabeth St	OV M	\$73,757
00920-001200	504.00	Blacklake Rd	1.2 km South of Hwy 17	1.7 km South of Hwy 17	OV M	\$94,575
00995-000000	283.00	Bouchard St (Sud)	Regent St	Southview Dr	SDOM	\$185,025
01090-000000	80.00	Broadway St	Brady St	Riverside Dr	SDOM	\$44,696
01210-000000	946.00	Burton Ave (Sud)	Frood Rd	Kelsey Ave	SDOM	\$511,664
01215-000000	335.00	Byng St	Buchanan St	Lorne St	SSOM	\$158,009
01340-000000	500.00	Carmen St (VE)	Pharand St	East End	SSOM	\$97,115
01490-000430	270.00	Centennial Dr	West Park Entrance	Paris St	SSOM	\$126,090
01820-000000	300.00	Colette St	Notre Dame Ave	Dead End	SSOM	\$58,269
02315-000000	3,100.00	Dominion Dr	Notre Dame Ave	Elimview Dr	SDOM	\$683,380
02315-003100	1,593.00	Dominion Dr	Elimview Dr	Old Hwy 69N (Cap)	SDOM	\$351,169
02315-004693	300.00	Dominion Dr	Old Hwy 69N (Cap)	Velma St	SDOM	\$64,000
02315-004993	2,900.00	Dominion Dr	Velma St	Martin Rd	SDOM	\$639,291
02390-000000	408.00	Douglas St (Sud)	Horobin St	Regent St	SSOM	\$198,157
02490-000000	213.00	Dunvegan Court	Shields St	North End	SSOM	\$100,466
03235-000000	555.00	Fourth Ave (Sud)	Bancroft Dr	CPR Crossing	SDOM	\$150,916
03260-000000	900.00	Francis St	Dead End West Of Michelle Dr	Dead End East Of Despatie St	SSOM	\$174,807
03430-000000	925.00	Garv Ave	Lasalle Blvd	Madison Ave	SDOM	\$549,786

Programme Report by Year (Filtered)

Analysis Set	Length	Road	From	To	Treatment	Cost
03640-000725	423.00	Godfrey Dr (Sud)	Jones St	Inco Property Limit	RCRM	\$338,064
04150-000328	480.00	Hillcrest Dr (Wal)	Brian St	Polvi Ave	OV M	\$83,449
04150-000808	350.00	Hillcrest Dr (Wal)	Polvi Ave	Mikkola Rd	OV M	\$59,882
04210-000000	570.00	Holland Rd	Lasalle Blvd	Lillian Blvd	SDOM	\$216,824
04290-000401	210.00	Hunter St	0.12km East of Latimer Cr	East End	OV M	\$46,360
04580-000000	389.00	Joseph St (Wal)	Old Hwy 17	Alexander St	SSOM	\$74,317
04985-000000	728.00	Lake Point Court	Ramsey Lake Rd	North End	OV M	\$134,600
05550-000000	1,526.00	Loachs Rd	Regent St	Eden Point Dr	SDOM	\$997,699
05620-000000	600.00	Louis St (VE)	Pierre St	Helene St	SSOM	\$116,538
05685-000000	75.00	Mackenzie St (Sud)	Elgin St	Evergreen St	SDOM	\$58,396
06020-000700	900.00	Martin Rd	0.7 km North Of Valleyview Rd	Main St	SSOM	\$192,001
06220-000238	406.00	Melvin Ave (Sud)	Mabel Ave	Dell St	SDOM	\$243,725
06270-000000	940.00	Mikkola Rd	Kantola Rd	Mikkola Rd Bridge	OV M	\$89,791
06850-001600	500.00	Notre Dame Ave (VE)	Dominion Dr	0.5 km North Of Dominion Dr	RCRM	\$399,603
06850-002100	300.00	Notre Dame Ave (VE)	0.5 km North Of Dominion Dr	0.8 km North Of Dominion Dr	RCRM	\$239,762
06850-003500	1,000.00	Notre Dame Ave (VE)	Colette St	Gravel Dr	SSOM	\$213,334
07020-000000	1,284.00	Onaping Dr	RR 8	Southwest End	SSOM	\$249,391
07715-003262	681.00	Ramsey Lake Rd (Sud)	Kirkwood Dr	Dixon Rd	OV M	\$72,640
07840-000000	1,194.00	Reserve Rd	Old Hwy 17	Indian Reserve	OV M	\$204,284
07965-000000	1,000.00	Riverside Dr (OF)	Oak St	Houle Ave	SSOM	\$191,045
08495-000200	220.00	Serpentine St	Subway St	Garrow Rd	SSOM	\$87,329
08585-000000	174.00	Shields St	Struthers St	North End	SSOM	\$71,507
08605-000000	100.00	Short St (OF)	Onaping Dr	Fraser Ave	SSOM	\$42,964
08735-000000	2,100.00	South Lane Rd	Pioneer Rd	2.1 km South of Pioneer Rd	SSOM	\$271,921
08980-000000	600.00	St Michel St	Carmen St	Old Hwy 69N (Cap)	SSOM	\$116,538
09270-000000	100.00	Tamarack St	Hwy 144	Pine St	SSOM	\$35,492
09330-000000	1,068.00	Theresa Ave	St Jacques St	Spruce St	OV M	\$179,779
09500-000000	300.00	Turner Dr	Anderson Dr	Niemi Rd	SSOM	\$64,000
09975-000000	368.00	Winchester Ave	Hyland Dr	Riverside Dr	SSOM	\$189,042
	32,955.00					\$9,541,449

2006 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00360-000221	704.00	Armstrong St (Sud)	Hunter St	Regent St	SDOM	\$213,416
00435-000000	692.00	Attlee Ave	Westmount Ave	Gemmell St	SDOM	\$459,216
01825-000000	230.00	College St (Sud)	Elm St	Frood Rd	SDOM	\$177,605
02170-000653	432.00	Dell St (Sud)	Morin Ave	Snowden Ave	SSOM	\$204,770
02240-001605	3,283.00	Desmarais Rd (VE)	Gravel Dr	North End	RCRM	\$2,663,153
02625-000000	385.00	Edward Ave (RB)	Hwy 144	Keith Ave	RCSM	\$379,915
03340-000000	257.00	Front St (Cap)	Queen St	Young St	SSOM	\$134,001
03470-000000	710.00	Gemmell St	Attlee Ave	Barrydowne Rd	SSOM	\$356,736
03560-000000	229.00	Gillman St	Victoria St	Spruce St	SSOM	\$86,838

Programme Report by Year (Filtered)

Section	Length (m)	Road	From	To	Treatment	Cost
03640-000000	725.00	Godfrey Dr (Sud)	Power St	Jones St	SDOM	\$319,285
03955-000000	1,115.00	Hawthorne Dr	Beatrice Cr	Barrydowne Rd	SDOM	\$739,922
04150-000000	328.00	Hillcrest Dr (Wal)	Cuthbertson Dr	Brian St	RCSM	\$323,668
04320-000000	889.00	Hvland Dr	Regent St	Winchester Ave	SDOM	\$429,052
04680-000142	1,407.00	Kathleen St (Sud)	Laforest St	Flood Rd	SDOM	\$831,837
06850-002400	283.00	Notre Dame Ave (VE)	0.8 km North Of Dominion Dr	Cote Blvd (VE)	SSOM	\$147,558
07040-000400	793.00	Ontario St (Sud)	Regent St	McLeod St	SSOM	\$458,581
08175-000000	570.00	Rov Ave (Sud)	Lasalle Blvd	Woodbine Ave	SDOM	\$364,501
08710-000000	244.00	Snowden Ave	Burton Ave	Dell St	SDOM	\$113,344
08755-002117	303.00	Southview Dr	Kelly Lake Rd	Janmar Court	SSOM	\$157,986
09825-001674	150.00	Westmount Ave (Sud)	Hawthorne Dr	Fielding St	SSOM	\$38,782
10005-000000	846.00	Woodbine Ave	Barrydowne Rd	Beaumont Ave	SDOM	\$530,789
	14,575.00					\$9,130,955

2007 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00065-000670	306.00	Aincourt Ave	0.1 km South of Dorchester Cr	West End	SSOM	\$132,499
00545-000000	985.00	Bancroft Dr (Sud)	Kingsway	0.1 km West of Waterview Apt Entrance	RCUM	\$1,723,267
03815-000000	1,700.00	Guenette Dr	Radar Rd	Notre Dame Ave	RCRM	\$1,399,717
04655-002500	2,700.00	Kantola Rd	2.5 km South of Hwy 17	Makada Dr North	RCRM	\$2,223,079
06840-002043	2,369.00	Notre Dame Ave (RB)	Champlain St	Northwest End RR 35	RCRM	\$2,372,776
06850-000000	1,600.00	Notre Dame Ave (VE)	Bodson Dr	Dominion Dr	RCRM	\$1,317,380
09700-001576	145.00	Walford Rd (Sud)	Nepahwin Ave	Golf Course Entrance	SSOM	\$62,786
09960-000000	148.00	Wilma St (Sud)	Morin Ave	Notre Dame Ave	SDOM	\$99,687
	9,953.00					\$9,331,191

2008 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00920-000000	1,200.00	Blacklake Rd	Old Hwy 17	1.2 km South of Hwy 17	RCSM	\$1,219,942
00960-000000	1,519.00	Bodson Dr	Kalmo Rd	Notre Dame Ave	RCRM	\$1,269,448
01210-000946	570.00	Burton Ave (Sud)	Kelsey Ave	Kathleen St	SDOM	\$322,379
01250-000000	1,117.00	Cambrian Heights Dr	Notre Dame Ave	Morin St	SDOM	\$624,807
02240-000060	632.00	Desmarais Rd (VE)	Kenneth Dr	Talon St	SDOM	\$197,380
02390-000408	125.00	Douglas St (Sud)	Regent St	Lorne St	SDOM	\$80,797
03710-000464	797.00	Grandview Blvd	Montrose Ave	Village Cr	SDOM	\$485,439
04645-000590	961.00	Kalmo Rd	Bridge	Main St	RCRM	\$803,120
05080-000000	989.00	Landrv St	Notre Dame St East	Albert St	OV M	\$174,085
06025-000917	444.00	Martindale Rd (Sud)	0.093 km South of Gregg Lane	Copper St	SDOM	\$378,054
06155-000000	537.00	McLeod St (Sud)	Regent St	Ontario St	SDOM	\$427,203
06270-000940	621.00	Mikkola Rd	Mikkola Rd Bridge	Hillcrest Dr	RCSM	\$631,320



07725-000000	190.00	Ramsey View Court	Regent St	Centennial Dr	SDOM	\$106,279
08735-002100	2,900.00	South Lane Rd	2.1 km South of Pioneer Rd	Mcfarlane Lake Rd	RCRM	\$2,423,568
	12,602.00					\$9,143,821

2009 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00065-000000	670.00	Ainacourt Ave	Woodbine Ave	0.1 km South of Dorchester Cr	SDOM	\$380,394
01490-000000	430.00	Centennial Dr	Ramsey View Court	West Park Entrance	SSOM	\$213,132
02595-000000	1,300.00	Edison Rd	RR 89	Lindsley St	SDOM	\$272,386
02955-002513	2,100.00	Fairbank Lake Rd (Wal)	Crane Hill	2.1 km West of Crane Hill	RCRM	\$1,781,323
03365-000000	1,600.00	Frost Ave	Old Hwy 69N (Cap)	Dominion Dr East	RCRM	\$329,837
03835-000000	366.00	Gutcher Ave	Mary St	Lorne St	SSOM	\$210,106
04270-000000	317.00	Hudson St	Falconbridge Hwy	East End	SDOM	\$119,985
05150-000851	923.00	Lansing Ave	Madison Ave	Maley Dr	SDOM	\$815,166
05430-000000	768.00	Levesque St	Bancroft Dr	Kingsway	SDOM	\$503,861
05670-000000	297.00	Mabel St (Sud)	Melvin Ave	Morin Ave	SDOM	\$206,094
05960-000251	243.00	Marion St (Sud)	Wembley Dr	Worthington Cr	SDOM	\$150,227
06485-000100	971.00	Morin Ave (Sud)	Mabel St	Wilma St	SDOM	\$673,796
06735-000600	613.00	Niemi Rd	Irene Cr	Santala Rd	RCSM	\$632,535
07590-000831	475.00	Power St (Sud)	Collins Dr	Godfrey Dr	SDOM	\$392,538
07895-000000	370.00	Rideau St	Lasalle Blvd	Grandview Blvd	SDOM	\$233,409
08700-000000	300.00	Smelter Rd	Edward Ave South	0.3 km East	SSOM	\$43,933
08755-000000	942.00	Southview Dr	Martindale Rd	Bouchard St	SSOM	\$424,887
08810-000000	811.00	Spruce St (Sud)	Regent St	Gilman St	SDOM	\$532,072
08825-001800	500.00	St Agnes St	Montee Principale	Brabant St	OV M	\$99,582
09630-000000	823.00	Victoria St (Sud)	Gillman St	Regent St	SDOM	\$524,370
10035-000000	670.00	Worthington Cr	Riverside Dr	Ramsey Rd	SSOM	\$385,224
	15,489.00					\$8,974,857

2010 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00920-001704	1,446.00	Blacklake Rd	1.7 km South of Hwy 17	End Of Pavement At Trailer Park	RCRM	\$1,244,966
02955-004613	4,886.00	Fairbank Lake Rd (Wal)	2.1 km West of Crane Hill	Spanish River Rd	RCRM	\$4,206,712
03160-000000	200.00	Fitzgerald St	Errington Ave	Cote Ave	SSOM	\$76,470
05750-001800	1,800.00	Main St (VE)	Kalmo Rd	Elm St	RCRM	\$1,549,751
06170-000000	799.00	Meneil Blvd	Beatty St	Anderson Ave	SDOM	\$501,366
08655-000000	2,104.00	Simon Lake Dr	Old Hwy 17 (East)	Old Hwy 17 (West)	RCSM	\$2,203,614
	11,235.00					\$9,782,879

2011 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
02595-001300	500.00	Edison Rd	Lindsley St	East End	SSOM	\$186,383
03285-000000	1,300.00	Fraser Ave	Fraser Extension	RR 8	SSOM	\$624,000
05740-000000	507.00	Main St (RB)	RR 15	Cpr Tracks	RCSM	\$538,969
06020-000000	700.00	Martin Rd	Valleyview Rd	0.7 km North Of Valleyview Rd	RCRM	\$611,721
06410-001593	5,619.00	Montee Rouleau (RB)	St Laurent St	RR 35	RCRM	\$4,910,372
06455-000955	1,108.00	Moonlight Ave (Sud)	Bancroft Ave	South End	RCRM	\$968,267
09560-002900	1,666.00	Valleyview Rd	Evans Rd	Old Hwy 69N (Cap)	RCSM	\$1,771,050
	11,400.00					\$9,610,762

2012 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00230-000000	400.00	Anderson Dr	RR 24	Philip St	SDOM	\$138,527
00705-000000	100.00	Belisle Dr	Main St	0.1 km South Of Main St	SDOM	\$33,147
02955-009499	8,377.00	Fairbank Lake Rd (Wal)	Spanish River Rd	North End	RCRM	\$7,430,362
04585-000000	563.00	Josephine St (Sud)	Gary St	Will St	SSOM	\$320,982
04645-000000	590.00	Kalimo Rd	Bodson Dr	Bridge	RCRM	\$523,327
06840-000000	1,186.00	Notre Dame Ave (RB)	East End RR35	Landry St	RCSM	\$1,279,695
	11,216.00					\$9,726,040

2013 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
02835-000000	1,300.00	Errington Ave South (RB)	Lavallee Road	0.5 km South Of Hwy 144	RCRM	\$1,170,391
05385-000000	900.00	Leo St (RB)	Notre Dame St West	Laurier St	OV M	\$187,449
06260-000000	1,100.00	Michelle Dr	Old Hwy 69N (Cap)	Ivan St	SSOM	\$240,678
06455-000000	954.00	Moonlight Ave (Sud)	Kingsway Ave	Bancroft Dr	RCUM	\$1,824,992
09070-000000	219.00	Stephen St (NC)	Edward Ave	West End	SSOM	\$104,841
09600-000000	6,979.00	Vermillion Lake Rd (OF)	Gordon Lake Rd	West End	RCRM	\$6,283,197
	11,452.00					\$9,811,548

2014 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00705-000100	1,500.00	Belisle Dr	0.1 km South Of Main St	Valleyview Rd	OV M	\$317,101
02240-000000	60.00	Desmarais Rd (VE)	Old Hwy 69N (Cap)	Kenneth Dr	SDOM	\$52,600
03415-000000	428.00	Garrow Rd	Balsam St	Serpentine St	RCSM	\$475,771

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_COLL

03870-000000	142.00	Hanna Ave (Cap)	Kelly St	Dennie St	SSOM	\$101,602
03955-001115	840.00	Hawthorne Dr	Barrydowne Rd	Auger St	SSOM	\$448,529
04680-000000	142.00	Kathleen St (Sud)	Notre Dame Ave	Laforest St	SDOM	\$175,633
05115-000601	700.00	Lindslev St	Edison Rd (West)	Edison Rd (East)	SDOM	\$466,198
05560-000000	643.00	Logan Ave	Lorne St	Landsend St	SDOM	\$397,648
05575-004489	1,248.00	Long Lake Rd (Sud)	0.65 km North of Sunnyside Rd	Hwy 17 (Southwest Bypass)	OV M	\$152,209
05710-000000	590.00	Madeleine Ave	Lasalle Blvd	South End	SDOM	\$400,958
05935-000000	350.00	Marier St	Notre Dame St East	RR 35	OV M	\$73,990
06385-000000	438.00	Montcalm St	St Agnes St	Laurier St	SSOM	\$217,505
06410-000000	1,593.00	Montee Rouleau (RB)	RR 15	St Laurent St	RCRM	\$1,455,691
07065-000000	900.00	Orell St	Falconbridge Hwy	Desjardins St	SDOM	\$636,096
07465-000479	380.00	Pine St (NC - Gar)	Church St	Mine Gate	SDOM	\$284,068
08825-002300	1,098.00	St Agnes St	Brabant St	Montcalm St	SDOM	\$843,194
09305-000000	945.00	Telstar Ave	Regent St	Moonrock Ave	SSOM	\$454,136
09345-000451	760.00	Third Ave (Sud)	Kennwood St	Kingsway	SSOM	\$405,812
09560-000000	2,900.00	Vallevue Rd	1.55 km East of Montee Rouleau	Evans Rd	SSOM	\$471,586
09825-000374	1,300.00	Westmount Ave (Sud)	Barrydowne Rd	Hawthorne Dr	SSOM	\$694,152
09890-000000	346.00	Wilfred St (Sud)	Bancroft Dr	South End	SSOM	\$73,061
	17,303.00					\$8,597,540
Grand Total	148,180.00					\$93,601,042

2002 Programme

Section	Length	Road	From	To	Treatment	Cost	
	(m)						
			No Work Scheduled				

2003 Programme

Section	Length	Road	From	To	Treatment	Cost	
	(m)						
			No Work Scheduled				

2004 Programme

Section	Length	Road	From	To	Treatment	Cost	
	(m)						
			No Work Scheduled				

2005 Programme

Section	Length	Road	From	To	Treatment	Cost
00040-000000	600.00	Addv Cr	Mederic St West	Mederic St East	OV L	\$100,999
00150-000000	700.00	Alexandre St (VE)	Old Hwy 69N (Cap)	Fernand Ave	OV L	\$117,833
00285-000000	400.00	Annette St	Elmview Dr	Park Ave	OV L	\$67,333
00300-000000	220.00	Anthony St (Wal)	Graham Rd	South End	OV L	\$32,176
00465-000000	200.00	Aurore St	Monique St	East End	OV L	\$35,874
00655-000000	400.00	Beaver St	Old Hwy 69N (Cap)	Katherine St	OV L	\$67,333
01555-000000	500.00	Charles Ct	Richard St	Richard St	OV L	\$84,166
01690-000000	500.00	Clarence St	Richard St	George St	OV L	\$84,166
01725-000000	600.00	Clearview Dr	Percy Ave	Flake St	OV L	\$100,999
01980-000000	2,013.00	Clean Hill Rd	Fairbank Lake Rd	Fairbank East Rd	OV L	\$192,287
02025-000000	320.00	Cross St (Sud)	Riverside Dr	Douglas St	SSOL	\$81,513
02205-000000	300.00	Denis Ave	West End	East End	OV L	\$51,328
02225-000000	1,600.00	Deschenes Rd	Old Hwy 69N (Cap)	Gravel Dr	OV L	\$155,384
02265-000000	1,848.00	Dew Drop Rd	Long Lake Rd	West End	OV L	\$179,468
02460-000000	900.00	Dugas St	Old Hwy 69N (Cap)	East St	OV L	\$151,499
02465-000050	120.00	Duhamel Rd	Mumford Dr	0.12 km East of Mumford Dr	OV L	\$24,174
02605-000000	500.00	Edmond St	St Anthony St	Jeanne Darc St West	OV L	\$84,166
02685-000000	470.00	Elisabella St	Lasalle Blvd	South End	SSOL	\$119,722

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_LOC

02890-000000	600.00	Eva St (VE)	Laura St	Chenier St	OV L	\$100,999
03015-000000	700.00	Fergus Ave	Old Hwy 69N (Cap)	Talon St	SSOL	\$135,961
03025-000000	200.00	Fernand Ave	Eugene St	Alexander St	OV L	\$33,666
03030-000000	309.00	Field St (Wal)	Brian St	Timothy Ave	OV L	\$52,867
03055-002545	397.00	Fielding Rd	Bridge	Hwy 17	OV L	\$69,019
03165-000000	600.00	Flake St	Percy Ave	Frappier Rd	OV L	\$100,999
03170-000000	600.00	Fleming St	Old Hwy 69N (Cap)	North End	OV L	\$100,999
03215-000000	120.00	Foundry St	Lasalle Blvd	South End	OV L	\$15,284
03280-000000	700.00	Frappier Rd	Main St	North End	OV L	\$117,833
03370-000000	400.00	Gabrielle St	St Isidore St	Colette St	OV L	\$67,333
03515-000000	700.00	Gerard Ct	Frost Ave	Frost Ave	SSOL	\$135,961
03660-000000	1,172.00	Goodview Rd	West End	MTC Rd	OV L	\$125,014
03700-001335	1,867.00	Graham Rd	Leblanc St	Bay St	OV L	\$324,580
03735-001300	1,600.00	Gravel Dr	Desmarais Rd	Deschenes Rd	OV L	\$165,573
03735-002900	1,600.00	Gravel Dr	Deschenes Rd	Land Fill Site Rd	OV L	\$170,667
03735-004500	500.00	Gravel Dr	Land Fill Site Rd	1.1 km West Of Notre Dame Ave	SDOL	\$100,352
03825-000000	200.00	Guimond Ave	Old Hwy 69N (Cap)	Larocque St	OV L	\$33,666
04000-000000	677.00	Helene St	Dead End At Confederation Arena	Dead End West Of Leduc Ave	OV L	\$113,961
04070-000000	500.00	Herve St	Main St	Helene St	OV L	\$84,166
04165-000000	600.00	Hillsdale Court	Flake St	Flake St	OV L	\$100,999
04445-000000	80.00	Janet St	St Antoine St	Morris St	SSOL	\$15,284
04475-000244	488.00	Jean St (Sud)	Flood Rd	Eva St	SSOL	\$182,317
04525-000160	430.00	John St (Sud)	Paris St	Annie St	SSOL	\$160,648
04740-000000	2,300.00	Kenneth Dr	Old Hwy 69N (Cap)	West End	OV L	\$245,334
04965-000000	980.00	Lafontaine St	Old Hwy 69N (Cap)	North End	OV L	\$164,966
05035-000000	340.00	Lakewood Dr (Wal)	Simon Lake Dr	Old Hwy 17	OV L	\$60,048
05190-000200	200.00	Larchwood Ave	Hwy 144	Morgan Rd	OV L	\$49,120
05215-000965	985.00	Lasalle Blvd (Sud)	CNR Tracks	Elisabella St	OV L	\$125,453
05240-000000	600.00	Laura St (VE)	Old Hwy 69N (Cap)	Carmen St	OV L	\$100,999
05305-000502	192.00	Laval St (VE)	Desmarais Rd	West End	OV L	\$32,320
05340-000000	288.00	Leblanc St	Graham Rd	Old Hwy 17	OV L	\$48,480
05470-000000	500.00	Lillian St	Dominion Dr	North End	OV L	\$84,166
05475-000000	700.00	Lina St	Main St	North End	OV L	\$117,833
05545-000000	1,000.00	Lloyd St (Wal)	Old Hwy 17	East End	OV L	\$168,332
05930-000000	500.00	Marie St	Main St	Helene St	OV L	\$84,166
05995-000000	700.00	Marleen Ct	Frost Ave	Frost Ave	OV L	\$117,833
06020-001600	297.00	Martin Rd	Main St	0.3 km North of Main St	OV L	\$49,995
06105-000000	600.00	McCrea Heights Ave	Robin Ave	North End	OV L	\$100,999
06225-000000	350.00	Melvyn Ave	Hillcrest Dr	Timothy Ave	OV L	\$59,882
06255-000000	100.00	Michael St (RB)	Hwy 144	Aurore St	OV L	\$18,765
06475-000000	2,100.00	Morgan Rd (OF)	Hwy 144	Blais Rd	OV L	\$224,001
06570-001000	800.00	Moxam Landing Rd	Gibson Rd	0.8 km South of Gibson Rd	OV L	\$76,418
06580-000000	800.00	Mumford Dr	Duhamel Rd	Southwest End	OV L	\$161,157
06780-000000	400.00	Norman Cr	Harold Cr	West End	SSOL	\$77,692



Programme Report by Year (Filtered)

Analysis Set: ASET_LOC

Analysis Set	ASET_LOC	Length (m)	Road	From	To	Treatment	Cost	
06935-000000		500.00	Odile St	Chenier St	St Jacques St	OV L	\$84,166	
07045-000700		1,100.00	Onwatin Lake Rd	Notre Dame Ave North	West End	SSOL	\$213,652	
07170-000000		800.00	Park Ave (VE)	Old Hwy 69N (Cap)	South End	OV L	\$134,666	
07235-000000		310.00	Patricia St (Wal)	Jessie St	Mikkola Rd	OV L	\$54,749	
07265-000000		1,000.00	Paul St (Wal)	Graham Rd	Caroline St	OV L	\$168,332	
07375-000000		500.00	Peter St (VE)	Martin Rd	Beverly St	OV L	\$84,166	
07385-000000		450.00	Phil St	Bruno St	0.3 km East of Calford St	OV L	\$74,508	
07410-000000		305.00	Pierre St	Marie Ave	Herve Ave	OV L	\$51,341	
07705-000000		200.00	Railway Dr	Robinson Dr	East End	OV L	\$25,940	
07775-000000		400.00	Raymond St (VE)	Elmview Dr	Park Ave	OV L	\$67,333	
07830-000000		200.00	Rene St	Addy Cr	Mederic St	OV L	\$33,666	
08010-000000		400.00	Road To Tourist Info Boot	Eldon Ave	East End	OV L	\$42,667	
08035-000000		592.00	Robin Ave	Old Hwy 69N (Cap)	Hillside Ave	OV L	\$99,653	
08100-000000		200.00	Roma St	Dominion Dr East	Pine Court	OV L	\$33,666	
08105-000000		800.00	Romeo St	Cecile St	South End	OV L	\$134,666	
08180-000000		900.00	Rov Ave (VE)	St Jacques St	Spruce St	OV L	\$151,499	
08185-000000		100.00	Rov St	West End	Robinson Dr	SSOL	\$13,373	
08845-000600		400.00	St Anthony St	Elmview Dr	Park Ave	OV L	\$67,333	
08895-000000		200.00	St Isidore St	Notre Dame Ave	West End	OV L	\$33,666	
08960-000000		120.00	St Louis St	Old Hwy 17	Denis Ave	OV L	\$20,862	
09125-000000		900.00	Stull St	Sellwood Ave	Lloyd St	OV L	\$178,819	
09165-000000		50.00	Sunday St	Geneva St	East End	SSOL	\$9,552	
09185-000000		2,898.00	Sunnyside Rd	Long Lake Rd	Jarvi Rd	OV L	\$309,121	
09285-000000		300.00	Tate Blvd	Shirley Ave	Ross St	OV L	\$50,500	
09405-000000		400.00	Tilly St	Elmview Dr	Park Ave	OV L	\$67,333	
09410-000000		2,154.00	Tilton Lake Rd	Long Lake Rd	South Shore Rd	OV L	\$209,185	
09410-002154		2,300.00	Tilton Lake Rd	South Shore Rd	Pine Hill Rd	OV L	\$223,364	
09425-000000		490.00	Torbav Rd	Second Ave South	West End	OV L	\$33,544	
09540-000000		400.00	Vagnini Court	Mumford Dr	West End	OV L	\$80,579	
09575-000000		800.00	Velma St	Diane St	Dominion Dr	OV L	\$134,666	
09595-000000		600.00	Vera St	Robin Ave	East End	OV L	\$100,999	
09830-000601		700.00	Westview Cr	Timothy Ave	Birchglen Ave	OV L	\$133,286	
		63,432.00						\$9,527,379

2006 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00025-000000	100.00	Access Rd	Regent St	Culver Cr	OV L	\$22,408
00305-000300	400.00	Anton Ave	Second St	South End	SSOL	\$78,857
00310-000426	91.00	Antwerp Ave	Ethel St	North End	SSOL	\$23,528
00500-000000	300.00	Baker Ave	Second St	Anton Ave	SSOL	\$59,143
01005-000000	400.00	Bowland Bay Rd	Skead Rd	West Bay Rd	SSOL	\$86,614
01060-000000	350.00	Brian St	Hillcrest Dr	Melvyn Ave	OV L	\$65,682

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_LOC

01155-000000	150.00	Bruno St (Wal)	Phil St	South End	OV L	\$26,049
01165-000000	76.00	Bruvère St (Sud)	Morin Ave	East End	SSOL	\$19,650
01350-000000	329.00	Carol St	Clarence St	Suzanne St	OV L	\$56,212
01595-000000	300.00	Chénier St	Oscar St	Old Hwy 69N (Cap)	SSOL	\$59,143
01680-000000	300.00	Claire St (VE)	John St	Carol St	OV L	\$51,257
01760-000000	400.00	Clifford Cr	Percy Ave	Flake St	SSOL	\$78,857
01915-001551	2,860.00	Cote Blvd (VE)	Radar Rd	Dupuis Dr	OV L	\$309,644
02065-000000	320.00	Cvr St	Denis Ave	North End	OV L	\$55,571
02080-000000	152.00	Damaris Cr	Ronald Ave	Logan Ave	SSOL	\$39,299
02170-000318	335.00	Dell St (Sud)	Notre Dame Ave	Morin Ave	SSOL	\$158,792
022175-000000	200.00	Delores St	Poupore Rd West	South End	OV L	\$20,037
02235-000000	2,400.00	Desloges Rd	Pioneer Rd	North End	SSOL	\$315,429
02365-000000	320.00	Dora St	Kathleen St	Mary St	OV L	\$55,571
02465-000000	50.00	Duhamel Rd	Old Hwy 17	Mumford Dr	OV L	\$16,806
02465-000170	100.00	Duhamel Rd	0.12 km East of Mumford Dr	Turning Basin	OV L	\$20,167
02650-000000	100.00	Edwin St	Bank St	East End	SSOL	\$16,159
02680-000105	98.00	Elgin St (Sud)	Beech St	Elm St	SDOL	\$75,675
03185-000000	700.00	Foch St	Randolph St	Sellwood Ave	SSOL	\$147,049
03220-000000	300.00	Fournier Dr	Valleyview Rd	North End	SSOL	\$59,143
03345-000000	120.00	Front St (Sud)	Worthington Cr	Ocomer St	SSOL	\$31,026
03350-000000	400.00	Frontenac Cr	Desmarais Rd	Laval St	SSOL	\$78,857
03495-000000	300.00	George St (VE)	Clarence St	Henry Ct	OV L	\$51,257
03590-000553	270.00	Glenbower Cr	Hwy 17E	0.3 km South	OV L	\$46,131
03600-000000	427.00	Glendale Courtt	Flake St	Flake St	OV L	\$72,956
03665-000000	400.00	Goodview Rd (Service Rd)	Hwy 69S	Goodview Rd	OV L	\$42,014
03735-005000	1,100.00	Gravel Dr	1.1 km West Of Notre Dame Ave	Notre Dame Ave	SDOL	\$224,086
03780-000000	213.00	Greg Lane	Gino St	Martindale Rd	SSOL	\$37,861
03795-000000	200.00	Greta St	Park Ave	Beaver Ave	SSOL	\$39,429
03850-000669	100.00	Haig St (Sud)	Byng St	West End	OV L	\$19,607
03855-000000	368.00	Hamilton Cr	Edmond St	Jeanne Darc St West	SSOL	\$72,549
03880-000000	300.00	Hardy Heights	Fraser Ave	North End	SSOL	\$71,747
03890-000000	100.00	Hardy View	Fraser Ave	North End	SSOL	\$31,758
03930-000100	46.00	Hartman Ave	Pine St	North End	SSOL	\$11,893
03985-000000	457.00	Hector Cr	Edmond St	Jeanne Darc St West	SSOL	\$90,094
04035-000000	500.00	Henry Ct (VE)	George St	George St	OV L	\$85,429
04100-000300	800.00	High St	High School	0.8 km South	OV L	\$85,321
04185-000000	500.00	Hillside Ave (VE)	Mcree Heights Ave	West End	SSOL	\$98,571
04675-000000	200.00	Katherine St	Park Ave	Beaver Ave	SSOL	\$39,429
04790-000000	90.00	King St (Cap)	Young St	Lakeshore St	SSOL	\$34,555
04805-000000	478.00	King St (Sud)	Whissell St	Notre Dame Ave	SDOL	\$282,600
04990-000000	460.00	Lake St	Oneil Dr	West End	OV L	\$87,613
05115-000000	100.00	Lane North of Meehan Ave	Morin St	Coulson St	SSOL	\$15,513
05305-000000	502.00	Laval St (VE)	St Therese St	Desmarais Rd	OV L	\$85,770
05390-000000	487.00	Leo St (VE)	Marie Ave	Helene St	SSOL	\$96,009

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_LOC

05630-000000	44.00	Lourdes St	Elgin St	North End	SSOL	\$11,376
05730-000000	1,817.00	Magill St	Old Hwy 17	Northeast End	OV L	\$371,519
05865-000000	828.00	Maple St (VE)	Larch St	Durham Ave	SSOL	\$163,234
05915-000000	400.00	Marguerite St	Gabrielle St	Colette St	SSOL	\$78,857
05970-000000	70.00	Mark St (Sud)	Hillsdale Cr	South End	OV L	\$17,646
05975-000000	300.00	Mark St (VE)	John St	Carol St	OV L	\$51,257
06020-003194	1,600.00	Martin Rd	Vern Dr	Dominion Dr	SSOL	\$230,970
06230-000000	200.00	Menard St	Main St	North End	SSOL	\$39,429
06305-000000	340.00	Milton St	Old Hwy 17	South End	OV L	\$59,044
06370-000000	97.00	Mont Adam St	Lloyd St	Cochrane St	SSOL	\$36,783
06400-000200	1,200.00	Montee Principale	St Agnes St	RR 35	OV L	\$129,920
06430-004000	2,110.00	Montpellier Rd	4.0 km South of Morgan Rd	Main St West	OV L	\$207,986
06485-000000	100.00	Morin Ave (Sud)	South End	Mabel St	SSOL	\$25,855
06520-000000	108.00	Morris St (Sud)	Nelson St	Howey Dr	SDOL	\$59,290
06565-000000	500.00	Moxam Dr	Old Soo Rd West	Old Soo Rd East	OV L	\$86,829
06595-000000	308.00	Murray Ave	Simon Lake Dr	Old Hwy 17	OV L	\$52,624
06630-000000	610.00	Navanod Rd	Fourth Ave	East End	OV L	\$58,157
06635-000000	400.00	Neal St	Old Hwy 69N (Cap)	East End	SSOL	\$78,857
06750-000000	639.00	Noel St	Labelle St	Labelle St	OV L	\$109,178
06850-004500	1,800.00	Notre Dame Ave (VE)	Gravel Dr	Onwatin Lake Rd	SDOL	\$402,753
06960-000411	410.00	Old Falconbridge Hwy	South End	Maley Dr	SSOL	\$106,005
06980-000000	700.00	Old Soo Rd	RR 24	0.1 km West Of Moxam Dr East	OV L	\$127,443
06980-000700	1,085.00	Old Soo Rd	0.1 km West Of Moxam Dr East	Santala Rd	OV L	\$197,536
07030-000000	150.00	Oneil Dr (Wal)	Lake St	Hwy 17	OV L	\$25,208
07085-000000	469.00	Oscar St	Notre Dame Ave	Carl St	OV L	\$80,132
07095-000000	400.00	Outremont Bl	Gravel Dr	North End	SSOL	\$78,857
07195-000000	200.00	Parkdale Cr	Flake St	Frappier Rd	SSOL	\$39,429
07235-000311	300.00	Patricia St (Wal)	Jessie St	East End	OV L	\$52,097
07260-000000	400.00	Paul St (VE)	Pierre St	Helene St	SSOL	\$78,857
07395-000000	200.00	Phillippe St	Old Hwy 69N (Cap)	North End	SSOL	\$39,429
07430-000000	400.00	Pilon St (VE)	Old Hwy 69N (Cap)	East End	SSOL	\$78,857
07810-000000	76.00	Reed St	Dupont St	Jean St	SSOL	\$28,820
07875-000000	400.00	Richard St (VE)	Clarence St	Charles Court	SSOL	\$78,857
07940-000000	300.00	Rita St (VE)	Notre Dame Ave	Oscar St	SSOL	\$59,143
07965-001000	900.00	Riverside Dr (OF)	Houle Ave	0.9 km East	SSOL	\$177,429
08015-000000	400.00	Robert Dr	Talon St	Fergus Ave	SSOL	\$78,857
08110-000000	85.00	Ronald Ave	North Ave	South End	SSOL	\$21,977
08115-000000	423.00	Ronald Court	Laurence St	Laurence St	SSOL	\$83,391
08120-000000	637.00	Ronald Cr	Blacklake Rd	Birch Ave	OV L	\$110,620
08175-000570	160.00	Roy Ave (Sud)	Woodbine Ave	Rinfret St	SSOL	\$41,368
08190-000000	200.00	Roy St (NC)	Robinson Dr	East End	SSOL	\$23,916
08240-000000	61.00	Rudd St	Victoria St	South End	SSOL	\$15,771
08440-000447	700.00	Second Ave South (Sud)	Cpr Tracks	Kormak St	SSOL	\$110,098
08510-000000	300.00	Service Rd (VE)	Park Ave	Beaver Ave	SSOL	\$59,143



Programme Report by Year (Filtered)

Analysis Set	ASET_LOC	Length	Road	From	To	Treatment	Cost
08520-000000	500.00	Service Rd (Wal)	Old Hwy 17	Agnes St	OV L	\$100,834	
08540-000000	356.00	Shappert Ave	Bancroft Dr	South End	OV L	\$79,771	
08615-000000	400.00	Short St (Wal)	Lloyd St	South End	OV L	\$68,343	
08705-000000	50.00	Smith St	Bancroft Dr	East End	SSOL	\$12,927	
08900-000000	400.00	St Jacques St	Odile St	Roy St	SSOL	\$78,857	
08925-000000	300.00	St Jean St (VE)	Old Hwy 69N (Cap)	Main St	SSOL	\$59,143	
08980-000600	300.00	St Michel St	Old Hwy 69N (Cap)	North End	SSOL	\$59,143	
09195-000000	300.00	Sunset Dr	Dead End East Of Stanley St	Dead End West Of Tena St	SSOL	\$59,143	
09210-000000	177.00	Sutherland Ave	Lorne St	North End	SSOL	\$45,763	
09265-000000	400.00	Talon St (VE)	East End	Desmarais Rd	SSOL	\$78,857	
09265-000400	300.00	Talon St (VE)	Desmarais Rd	West End	SSOL	\$59,143	
09355-000746	700.00	Third Ave (Wal)	0.1 km West Of Phillip St	End Of Street South Of Anderson Dr	SSOL	\$278,715	
09420-000000	410.00	Timothy Ave	Melvyn Ave	Westview Cr	SDOL	\$115,015	
09455-000000	600.00	Tremblay St	Laval St	Talon St	SSOL	\$118,286	
09740-000000	300.00	Wayne Cr	Norman Cr	Velma St	SSOL	\$59,143	
09780-000000	200.00	Wendy St	Simon St	West End	SSOL	\$39,429	
09830-000201	400.00	Westview Cr	Old Hwy 17	Timothy Ave	SSOL	\$89,199	
09895-000000	400.00	Wilfred St (VE)	Elmview Dr	West End	SSOL	\$78,857	
09930-000000	350.00	William St (Wal)	Joseph St	South End	SSOL	\$70,131	
10075-000000	900.00	Yorkshire Dr	RR 80	West End	OV L	\$87,260	
							\$9,451,580

2007 Programme

Section	Length	Road	From	To	Treatment	Cost
00045-000000	213.00	Adelaide St	Bank St	Whittaker St	SSOL	\$55,897
00060-000000	230.00	Afton Ave	Hawthorne Dr	Gemmell St	SSOL	\$60,358
00080-000000	210.00	Agnes St (Wal)	Old Hwy 17	Jacob St	SSOL	\$44,777
00095-000000	140.00	Albert St (Cap)	Stull St	Sellwood Ave	OV L	\$25,075
00110-000152	84.00	Albert St (Sud)	Whittaker St	West End	SSOL	\$22,044
00145-000000	170.00	Alexander St (Wal)	Joseph St	William St	SSOL	\$33,459
00175-000000	300.00	Alice St (Wal)	Simon Lake Dr	North End	OV L	\$52,026
00190-000000	300.00	Alma St	Mountain View St (East)	Mountain View St (West)	OV L	\$52,026
00410-000000	168.00	Ash St (Sud)	Alder St	Beatty St	SSOL	\$44,088
00450-000000	200.00	August St	Fergus Av	West End	SSOL	\$40,020
00780-000000	91.00	Bessie Ave	Baker St	CPR Crossing	SSOL	\$23,881
00780-000515	152.00	Bessie Ave	Nadia St	North End	SSOL	\$39,889
00790-000000	549.00	Beverly Dr	Martindale Rd	East End	SSOL	\$144,072
00860-000000	500.00	Birch Hill Rd	Long Lake Rd	North End	SSOL	\$99,503
00900-000000	110.00	Birchglen Ave	Westview Cr North	Westview Cr South	OV L	\$19,389
01015-000000	244.00	Boyce St	Nesbit Dr	Martindale Rd	SSOL	\$64,032
01140-000000	400.00	Brunet Cr	River Rd	Donald St	SSOL	\$80,040
01235-000000	284.00	Calford St	Old Hwy 17	0.27 km Southerly	OV L	\$50,866

Programme Report by Year (Filtered)

Analysis Set: ASET_LOC

01315-000000	246.00	Carl St (Wal)	Old Hwy 17	North End	OV L	\$41,962
01320-000000	137.00	Carleton St	Larch St	South End	SSOL	\$35,952
01335-000370	320.00	Carmen St (Sud)	Lasalle Blvd	South End	OV L	\$72,780
01435-000000	400.00	Cawthorne St	East End	West End	SSOL	\$104,971
01440-000000	200.00	Cecil St	Skead Rd	Brighton St	SSOL	\$41,988
01445-000000	181.00	Cecile St	Old Hwy 69N (Cap)	East End	OV L	\$31,389
01535-000000	250.00	Chapman St (Sud)	Arthur St	Carmen St	OV L	\$56,859
01600-000000	46.00	Cherry St	Paris St	East End	SSOL	\$12,072
01685-000000	120.00	Clairmont St	Raymond St	South End	SSOL	\$31,491
01705-000000	106.00	Claude St	Moonlight Ave	Ridgemount Ave	OV L	\$24,108
01880-000000	404.00	Conner St (OF)	Second Ave South	South End	OV L	\$87,290
01885-000000	1,383.00	Conner St (Sud)	Martindale Rd	South End	OV L	\$87,290
02000-000000	317.00	Crescent Park Rd	Lasalle Blvd	0.26 km North of Zinc St	SDOL	\$677,480
02005-000000	100.00	Cressey St	West End	Gordon Ave	OV L	\$63,085
02045-000000	400.00	Culver Cr	Field St	Edna St	SSOL	\$26,243
02055-000000	150.00	Cuthbertson Dr	Hillcrest Dr	Algonquin Rd	OV L	\$90,974
02090-000000	300.00	Daniel Ave	River Rd	West End	OV L	\$27,292
02095-000000	180.00	Darby St	Rheal St	Felix St	SSOL	\$60,030
02290-000000	100.00	Division St	Old Hwy 69N (Cap)	Raymond St	OV L	\$40,939
02295-000061	240.00	Dixon Rd	0.06 km North Ramsey Lake Rd	Romeo St	SSOL	\$20,010
02325-000000	440.00	Donald St (Sud)	Rheal St	South End	OV L	\$40,939
02330-000000	200.00	Donald St (VE)	River Rd	Yollie St	OV L	\$100,072
02390-000910	148.00	Douglas St (Sud)	Brady St	West End	SSOL	\$40,020
02455-000000	305.00	Dufferin St	Beatty St	Riverside Dr	SSOL	\$56,964
02470-000000	61.00	Duke St	Charlotte St	East End	SSOL	\$80,040
02495-000000	300.00	Dupont St (RB)	RR 15	North End	SSOL	\$16,008
02510-000000	200.00	Durham Ave	Elm St	West End	OV L	\$31,491
02520-000000	300.00	Dutrisac Blvd	Old Hwy 69N (Cap)	Dead End	SSOL	\$40,020
02610-000000	130.00	Edmund St	Homewood Ave	Alexandre St	SSOL	\$60,030
02680-000000	105.00	Elgin St (Sud)	Ste Anne Rd	St Nicholas St	OV L	\$29,567
02710-000000	300.00	Elks Club Rd	Hwy 144	Beech St	SDOL	\$82,297
02805-000000	150.00	Epiphany St	Stull St	South End	OV L	\$29,523
02825-000000	180.00	Ernest St (Wal)	Simon Lake Dr	Foch St	OV L	\$27,292
02840-000000	270.00	Este Dr	Paris St	Alice St	OV L	\$31,727
02945-000000	107.00	Facer St	Paris St	East End	OV L	\$46,056
02975-000000	200.00	Falcon St (NC)	Brighton St	Ramsey Rd	SSOL	\$28,080
03045-000000	486.00	Field St (Sud)	Algonquin Rd	Skead Rd	SSOL	\$40,020
03075-000000	200.00	Fifth Ave (VE)	Old Hwy 69N (Cap)	Larchwood Dr	OV L	\$110,534
03125-000000	200.00	First Ave (VE)	Old Hwy 69N (Cap)	West End	OV L	\$34,684
03240-000000	200.00	Fourth Ave (VE)	Old Hwy 69N (Cap)	Baker Ave	OV L	\$34,684
03265-000000	150.00	Frank St (Cap)	Stull St	West End	OV L	\$34,684
03270-000000	120.00	Franklin Ave	Bancroft Dr	Foch St	OV L	\$28,145
03380-000000	800.00	Gagnon St	Montee Rouleau	Hargreaves Ave	SSOL	\$23,618
03475-000000	80.00	Geneva St	Morris St	East End	OV L	\$138,736
				Sunday St	SSOL	\$32,716

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_LOC

03565-000000	98.00	Gino St	Martindale Rd	South End	SSOL	\$25,718
03570-000000	773.00	Gladu Rd	Hwy 69S	South End	OV L	\$175,808
03580-000000	90.00	Glen Ave	Bellevue Ave	Woodlawn St	OV L	\$20,469
03695-000000	260.00	Graham Ave	Simon Lake Dr	Old Hwy 17	OV L	\$45,828
03745-000000	100.00	Gravelle Rd	Field St	East End	OV L	\$22,744
03915-000000	400.00	Harrison Dr	Long Lake Rd	North End	SSOL	\$104,971
04025-000000	1,000.00	Henri St (Sud)	Pioneer Rd	Cawthorpe St	SSOL	\$262,426
04120-000000	500.00	Hill Rd	RR 24	West End	OV L	\$88,132
04220-000121	120.00	Homewood Ave	Edmund St	South End	OV L	\$27,292
04265-000000	100.00	Hubert St	Old Hwy 69N (Cap)	South End	OV L	\$17,342
04345-000000	160.00	Indian Rd	Paris St	East End	SSOL	\$41,988
04380-000000	100.00	Isabelle St	Old Hwy 69N (Cap)	Romeo St	SSOL	\$20,010
04435-000000	150.00	James St	Stull St	Foch St	OV L	\$27,292
04525-000000	160.00	John St (Sud)	West End	Paris St	SSOL	\$41,988
04605-000000	100.00	Jules St	Notre Dame Ave	Lafontaine St	SSOL	\$20,010
04690-000000	360.00	Kathleen St (Wal)	Simon Lake Dr	Old Hwy 17	OV L	\$61,408
04780-000000	90.00	Kilpatrick Ave	Riverside Dr	Creek	SSOL	\$23,618
04805-000478	356.00	King St (Sud)	Notre Dame Ave	Kehoe St	SDOL	\$226,708
04805-000834	249.00	King St (Sud)	Kehoe St	Morin Ave	SDOL	\$158,569
04915-000000	100.00	Kristi Court (Wal)	Melvyn St	West End	SSOL	\$43,300
04940-000000	240.00	Labelle St	Dugas St	Noel St	OV L	\$41,621
04975-000000	300.00	Laforge St	Pioneer Rd	North End	SSOL	\$78,728
04980-000000	220.00	Lahabre St	Alexander St	Eugene St	SSOL	\$44,022
05005-000401	200.00	Lakeshore Dr (VE)	0.1 km East Of Olivia St	Whitson Lake	OV L	\$20,010
05095-000000	200.00	Lane East of Dennie St (C	Hanna Ave	Vaughan St	SSOL	\$30,835
05100-000000	200.00	Lane North of Ford Ave (C	Ford Ave	Young St	SSOL	\$39,364
05105-000000	50.00	Lane North of Hanna Ave (Lane East of Dennie St	Lane West of Chapman St	SSOL	\$9,021
05130-000000	200.00	Lane West of Chapman St (Hanna Ave	Vaughan St	SSOL	\$34,771
05225-000260	80.00	Laura Ave (Sud)	Wembley Dr	South End	SSOL	\$20,994
05265-000000	116.00	Laurentian St	Copper St	South End	OV L	\$26,383
05330-000000	107.00	Lawson St	Martindale Rd	North End	SSOL	\$28,080
05360-000000	122.00	Legace St	Murray St	Murray St	SSOL	\$32,016
05335-000000	150.00	Lloyd St (Cap)	Stull St	North End	OV L	\$28,998
05615-000000	379.00	Louis St (Sud)	Notre Dame Ave	St Joseph St	SDOL	\$234,393
05675-000000	150.00	Macdonald St	Robin Ave	McCrae Heights Ave	OV L	\$27,292
05690-000000	100.00	MacKenzie St (VE)	Old Hwy 69N (Cap)	Lima St	SSOL	\$20,010
05745-000000	499.00	Main St (Sud)	Somers St	Madeleine Ave	SSOL	\$109,671
05925-000000	231.00	Marie Ave	Steward Dr	Millwood Cr	SSOL	\$60,620
05945-000000	400.00	Marina Rd	Hwy 144	South End	SSOL	\$80,040
05960-000120	130.00	Marion St (Sud)	Mcnaughton St	North End	SSOL	\$34,115
05965-000000	210.00	Marion St (Wal)	Old Hwy 17	Lake St	OV L	\$40,597
06090-000000	150.00	Mayfair Court	Lavoie St	North End	SSOL	\$39,364
06245-000000	90.00	Michael Ave	RR 24	South End	OV L	\$15,608
06270-001561	100.00	Mikkola Rd	Hillcrest Dr	North End	OV L	\$10,661

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_LOC

06295-000000	560.00	Millwood Cr	Loachs Rd	Stewart Dr	SSOL	\$146,959
06355-000000	107.00	Monck St	Dupont St	East End	SSOL	\$28,080
06520-000108	250.00	Morris St (Sud)	Howey Dr	0.080 km East Of Annie St	SSOL	\$125,090
06555-000000	400.00	Mountain View St	Alma St	Alma St	OV L	\$69,368
06625-000000	800.00	National St	Maley Dr	North End	SSOL	\$183,698
06940-000000	284.00	Oja St	Phil St	South End	OV L	\$50,059
06960-000821	400.00	Old Falconbridge Hwy	Maley Dr	Alice St	SSOL	\$93,161
07040-000000	400.00	Ontario St (Sud)	Douglas St	Regent St	SSOL	\$104,971
07130-000000	296.00	Papineau Cr	Carmelo Ave	Emily St	SSOL	\$77,678
07150-000000	340.00	Paris Cr (Sud)	Ramsey Lake Rd	South End	SSOL	\$89,225
07160-000000	170.00	Parisien Ave	Lavoie St West	0.175 km North of Lavoie St	OV L	\$38,664
07160-000171	164.00	Parisien Ave	0.175 km North Lavoie St	Lavoie St	SSOL	\$71,013
07255-000000	81.00	Paul St (Sud)	Notre Dame Ave	West End	OV L	\$18,422
07295-000000	380.00	Peel St	Attlee Ave	East End	OV L	\$86,426
07385-000450	230.00	Phil St	0.3 km East of Calford St	South End	OV L	\$27,463
07390-000000	200.00	Philip Rd	Pioneer Rd	North End	SSOL	\$52,485
07590-000000	305.00	Power St (Sud)	Cpr Tracks	Old Hwy 17	SSOL	\$80,040
07590-001306	213.00	Power St (Sud)	Godfrey Dr	Balsam St	SDOL	\$147,381
07665-000000	70.00	Quimby Court	Cavendish Court	South End	SSOL	\$30,310
07700-000000	550.00	Railway Ave	West End	Sellwood Ave	SSOL	\$138,922
07710-000000	170.00	Ralph St	Bellevue Ave	South End	OV L	\$38,664
07725-000190	690.00	Ramsey View Court	Centennial Dr	Walford Rd	SDOL	\$380,256
07770-000000	475.00	Raymond St (Sud)	West End	Darby St	SSOL	\$124,653
07880-000000	180.00	Richard St (Wal)	Fairbanks Lake Rd	West End	OV L	\$28,657
07910-000138	460.00	Rink St	Union St	East End	SSOL	\$120,716
08025-000000	100.00	Rivest St	Radar Rd	Mountain View St	OV L	\$17,342
08090-000000	61.00	Robert St (Sud)	Spruce St	South End	SSOL	\$16,008
08145-000000	100.00	Roger St (VE)	Roy Ave	Theresa Ave	SSOL	\$20,010
08410-000000	320.00	Rose Marie Ave	Lasalle Blvd	Monfort St	SSOL	\$83,976
08410-000000	493.00	School St (Sud)	Creighton Rd	Godfrey Dr	SSOL	\$129,376
08625-000000	150.00	Silbaa St	Kingsway Blvd	South End	SSOL	\$29,523
08660-000000	100.00	Simon St	Old Hwy 69N (Cap)	South End	OV L	\$17,342
08805-000000	100.00	Spruce St (OF)	Onaping Dr	South End	SSOL	\$36,084
08815-000000	100.00	Spruce St (VE)	Roy Ave	Pine St	SSOL	\$20,010
08850-000000	70.00	St Antoine St	Janet St	Theresa St	SSOL	\$20,010
08860-000000	140.00	St Catherine's St	Douglas St	Jeanne Darc Ave	SSOL	\$18,370
08910-000000	60.00	St James St (Sud)	St Catherine's St	St James St	OV L	\$31,841
08985-000250	50.00	St Nicholas St	Wembley Dr	Riverside Dr	SSOL	\$15,746
09045-000000	200.00	Stanley St (VE)	Main St	South End	SSOL	\$13,121
09315-000000	200.00	Tena St	Main St	South End	OV L	\$34,684
09350-000000	130.00	Third Ave (VE)	Old Hwy 69N (Cap)	South End	OV L	\$34,684
09675-000000	472.00	Webbwood Dr	Paris St	West End	OV L	\$34,684
09750-000000	472.00	Webbwood Dr	Lorne St	West End	SSOL	\$34,115
09800-000000	737.00	West Bay Rd (NC)	RR 86	Lorne St	SSOL	\$123,865
				Tower Rd	OV L	\$72,528

Programme Report by Year (Filtered)

Analysis Set	ASET_LOC	Length (m)	Position	Treatment	Cost
09830-000000		200.00	Westview Cr	SSOL	\$43,956
09955-000000		180.00	Willow St (Wal)	OV L	\$31,727
09975-000368		80.00	Winchester Ave	OV L	\$18,195
10015-000000		90.00	Woodland St (Sud)	OV L	\$20,469
10065-000000		300.00	Yollie St	OV L	\$68,231
		38,255.00			\$9,597,387

2008 Programme

Section	Length (m)	Position	Treatment	Cost
00230-000400	350.00	Anderson Dr	SSOL	\$145,279
00255-000000	80.00	Ann Court	OV L	\$16,621
00345-000100	200.00	Armand St	SSOL	\$83,016
00380-000000	132.00	Arnold St (Wal)	OV L	\$22,854
00435-001667	300.00	Attlee Ave	SSOL	\$79,909
00495-000000	91.00	Baikie St	SSOL	\$35,551
00575-000000	276.00	Barry St	SSOL	\$73,516
00635-000000	400.00	Beaudry Cr	SSOL	\$95,891
00780-000092	423.00	Bessie Ave	SSOL	\$165,251
00795-000000	200.00	Beverly St (NC)	OV L	\$35,204
00935-000000	120.00	Blenheim Ave	OV L	\$27,702
01030-000000	91.00	Bradley St	SSOL	\$35,551
01055-000000	113.00	Brennan Rd	SSOL	\$44,145
01230-000000	198.00	Cabot St	SSOL	\$77,352
01585-000000	200.00	Chatelaine St	SSOL	\$53,273
01775-000000	193.00	Clvde St (Cap)	OV L	\$35,086
01815-000000	500.00	Coleen Ave	SSOL	\$101,551
02005-000100	101.00	Cressey St	SSOL	\$39,457
02035-000000	697.00	Crown Ridge Rd	SSOL	\$185,655
02115-000367	183.00	David St (Sud)	SSOL	\$48,744
02120-000000	90.00	David St (Wal)	OV L	\$14,803
02140-000000	100.00	Deborah St	SSOL	\$28,634
02150-000000	100.00	Dee St	SSOL	\$20,310
02155-000000	430.00	Delaware Ave	SSOL	\$167,986
02215-000497	558.00	Dennie St (Cap)	SSOL	\$397,834
02250-000000	400.00	Despatie St	SSOL	\$81,241
02260-000000	204.00	Devuona St	SSOL	\$60,768
02370-000000	404.00	Dorchester Dr	SSOL	\$177,557
02485-000000	193.00	Dundas St	OV L	\$44,554
02610-000450	270.00	Edmund St	SSOL	\$105,480
02620-000000	274.00	Edna St (Sud)	SSOL	\$107,042
02660-000000	90.00	Elaine St	OV L	\$15,842
02795-000000	330.00	Emily St (Sud)	SSOL	\$87,900
		Philip St	SSOL	
		Patricia St	SSOL	
		Notre Dame Ave	SSOL	
		John St	SSOL	
		Lasalle Blvd	SSOL	
		Victoria St	SSOL	
		Bancroft Dr	SSOL	
		Marcel St	SSOL	
		Bloor St	SSOL	
		Glenbow Cr	SSOL	
		Lynwood Dr	SSOL	
		Serpentine St	SSOL	
		West End	SSOL	
		Burton Ave	SSOL	
		Pioneer Rd	SSOL	
		Stull St	SSOL	
		Ivan St	SSOL	
		Edna St	SSOL	
		Hwy 69S West	SSOL	
		Paris St	SSOL	
		Selma St	SSOL	
		Field St	SSOL	
		Shirley St	SSOL	
		Fielding St	SSOL	
		Railway Ave	SSOL	
		Francis St	SSOL	
		Orell St	SSOL	
		Agincourt Ave West	SSOL	
		Ferndale Ave	SSOL	
		Paris St	SSOL	
		Buchanan St	SSOL	
		Arnold St	SSOL	
		Falconbridge Hwy	SSOL	
		Third Ave	SSOL	
		South End	SSOL	
		Odile St	SSOL	
		Elaine St	SSOL	
		0.15 km North of Roland St	SSOL	
		South End	SSOL	
		North End	SSOL	
		Ronald Dr	SSOL	
		Nadia St	SSOL	
		Glenbow Cr	SSOL	
		Hawthorne Dr	SSOL	
		South End	SSOL	
		Byng St	SSOL	
		West End	SSOL	
		East End	SSOL	
		Foch St	SSOL	
		Gravel Dr	SSOL	
		East End	SSOL	
		Hwy 69S East	SSOL	
		Marion St	SSOL	
		Arnold St	SSOL	
		Bonnie Dr	SSOL	
		Noel St	SSOL	
		Canterbury St	SSOL	
		0.15 km North of Lincoln Cr	SSOL	
		Martha St	SSOL	
		Birch St	SSOL	
		Agincourt Ave East	SSOL	
		Hargreaves Ave	SSOL	
		Elizabeth St	SSOL	
		Lorne St	SSOL	
		West End	SSOL	
		Elisabella	SSOL	



Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_LOC

02820-000000	152.00	Ernest St (Sud)	Ethelbert St	Spruce St	SSOL	\$40,487
02960-000000	340.00	Fairburn St	Barrydowne Rd	East End	SSOL	\$90,563
03000-000000	200.00	Felix St	River Rd	Daniel Ave	SSOL	\$40,620
03030-000000	330.00	Ferdale Ave	Bancroft Ave	Dundas St	SSOL	\$87,900
03105-000000	500.00	Fir St	Wicwas St	Pine St	SSOL	\$183,124
03305-000000	122.00	Fraser St	Charlotte St	West End	SSOL	\$47,661
03400-000000	100.00	Gardenvale Court	Forestdale Dr	North End	SSOL	\$41,508
03810-000092	273.00	Griffith St	Mcleod St	South End	SSOL	\$106,652
03840-000000	400.00	Guv Ave	Francis St	Martha St	SSOL	\$81,241
03900-000000	400.00	Hariu Cr	Pennala St	Sunvalley Ave	SSOL	\$106,545
03970-000000	137.00	Hearne Ave	Cabot St	East End	SSOL	\$53,521
04115-000000	260.00	Hildegarde Ave	Hawthorne Dr	Canterbury St	SSOL	\$69,254
04230-000000	100.00	Hope St (VE)	Main St	South End	OV L	\$17,602
04245-000000	412.00	Horobin St	Douglas St	South End	SSOL	\$160,954
04300-000000	375.00	Huron St	North End	East End	OV L	\$86,568
04400-000000	400.00	Ivan St	West End	East End	SSOL	\$81,241
04410-000000	800.00	Jack Pine Cr	Radar Rd	Jack Pine Cr	OV L	\$186,987
04415-000000	180.00	Jacob St	Agnes St	0.04 km East Of Eve St	SSOL	\$38,956
04425-000000	400.00	Jacqueline St	Francis St	Martha St	SSOL	\$81,241
04475-000000	244.00	Jean St (Sud)	Monck St	Frood Rd	SSOL	\$95,322
04475-000732	213.00	Jean St (Sud)	Eva St	North End	SSOL	\$83,212
04575-000000	200.00	Joseph St (Sud)	Rockwood Dr	South End	SSOL	\$53,273
04905-000000	200.00	Kreko St	Skead Rd	East End	SSOL	\$40,620
04970-000000	588.00	Laforest Ave	Kathleen St	St Charles St	SSOL	\$229,711
05180-000000	100.00	Larch St (VE)	Elm St	Maple St	SSOL	\$20,310
05220-000848	318.00	Latimer Cr	0.12 km North of Kaireen St	Kaireen St	OV L	\$73,410
05225-000000	260.00	Laura Ave (Sud)	Edinburgh St	Wembley Dr	SSOL	\$101,573
05380-000000	210.00	Lenox Ave	Weller St	South End	OV L	\$48,478
05495-000000	274.00	Linda St	Marcel St	Regent St	SSOL	\$72,983
05500-000000	450.00	Lindala Rd	Old Hwy 17	West End	OV L	\$49,444
05660-000000	690.00	Lynwood Dr	Attlee Ave	Gemmill St	SSOL	\$183,790
05665-000000	244.00	Mabel Ave	Kathleen St	Suffolk Lane	SSOL	\$95,322
05845-000000	100.00	Maple St (NC)	East St	Albert St	SSOL	\$24,306
05885-000000	183.00	Marcel St	Bouchard St	South End	OV L	\$42,245
05890-000000	500.00	Marcel St (OF)	Arlington Dr East	Omer St	SSOL	\$121,528
05895-000000	804.00	Marcel St (Wal)	Martindale Rd	Bouchard St	RCUL	\$1,079,702
06005-000000	900.00	Martha St	Michelle Dr	Dead End	SSOL	\$182,791
06015-000000	540.00	Martin Ave	Lasalle Blvd	South End	SSOL	\$143,836
06075-000000	200.00	Maureen St	Garson Coniston Rd	West End	SSOL	\$36,625
06225-000350	200.00	Melvyn Ave	Timothy Ave	Field St	SSOL	\$88,876
06375-000000	625.00	Montague Ave	Kathleen St	North End	SSOL	\$244,166
06615-000000	427.00	Nadia St	Montague Ave	Bessie St	SSOL	\$166,814
06755-000000	274.00	Nolin St	West End	Notre Dame Ave	SSOL	\$107,042
07010-000000	250.00	Omer St (OF)	Houle St	East End	SSOL	\$61,596

This Product is Licensed to: City of Greater Sudbury

Programme Report by Year (Filtered)

Section	Length	Road	From	To	Treatment	Cost
07240-000000	210.00	Patrick Ave	Hawthorne Dr	Canterbury St	SSOL	\$55,936
07280-000220	115.00	Pearl St	0.215 km North	North End	SSOL	\$22,974
07315-000000	400.00	Pennala St	Long Lake Rd	Sunvalley Ave	SSOL	\$106,545
07560-000000	352.00	Portage St	Bellevue Ave	South End	OV L	\$81,258
07625-000000	500.00	Proulx Court	Coleen Ave	Coleen Ave	SSOL	\$101,551
07670-000000	284.00	Quinn St	Ronald Ave	Lorne St	SSOL	\$110,949
07720-000000	123.00	Ramsey Rd	Facer St	Menaughton St	OV L	\$28,394
07905-000000	340.00	Rinfret St	Agincourt Ave	Kingslea Court	SSOL	\$90,563
07985-000000	100.00	Riverview Lane	Riverview Ave	South End	SSOL	\$29,788
08045-000000	106.00	Robinson Dr (NC)	Hwy 17E	Roy St	SSOL	\$17,294
08065-000000	568.00	Rockwood Dr	Algonquin Rd	South End	SSOL	\$151,294
08125-000000	200.00	Ronald Dr	Marcel St	East End	SSOL	\$49,943
08170-000000	198.00	Roxborough Dr	Laura Ave	West End	SSOL	\$77,352
08265-000000	170.00	Sable St	Weller St	South End	OV L	\$39,244
08480-000000	90.00	Scima St	John St	South End	OV L	\$14,803
08500-000000	300.00	Service Rd (OF - Dow)	0.2 km West Of Sturgeon St	0.1 km East Of Sturgeon St	SSOL	\$60,930
08505-000000	200.00	Service Rd (OF - Lev)	RR 8 South	RR 8 North	SSOL	\$34,627
08545-000000	240.00	Sharon Ave	Hawthorne Dr	Canterbury St	SSOL	\$63,927
08580-000000	122.00	Shevchenko Ave	Flood Rd	Montague Ave	SSOL	\$47,661
08870-000000	244.00	St Charles St	Notre Dame Ave	Morin Ave	SSOL	\$95,322
08940-000000	107.00	St Joseph St (Sud)	Mountain St	North End	SSOL	\$41,801
09115-000000	82.00	Strudwick Ave	Lorne St	North End	SSOL	\$21,842
09120-000000	290.00	Struthers St	Charlotte St	Regent St	SSOL	\$113,293
09150-000000	61.00	Suffolk Lane	Mabel Ave	Melvin Ave	SSOL	\$16,248
09220-000000	110.00	Suzanne St (Wal)	John St	South End	OV L	\$19,362
09295-000000	274.00	Tedman Ave	CNR Tracks	Dell St	SSOL	\$72,983
09565-000897	105.00	Van Horne St (Sud)	Cartier Ave	Silverman St	SDOL	\$48,944
09590-000000	122.00	Venice St	Dominico St	Diorite St	OV L	\$29,924
09820-000000	150.00	Westmorland Ave	Kingsmount Blvd	Hyland Dr	SSOL	\$58,600
09865-000474	274.00	Whittaker St	McLeod St	South End	SSOL	\$107,042
	29,603.00					\$9,571,553

2009 Programme

Section	Length	Road	From	To	Treatment	Cost
00110-000000	152.00	Albert St (Sud)	Regent St	Whittaker St	SDOL	\$76,710
00135-000000	451.00	Alder St	Beatty St	Elm St	SDOL	\$227,606
00305-000000	100.00	Anton Ave	North End	0.1 km North of Baker St	OV L	\$24,895
00325-000000	137.00	Argyle Ave	North End	Kingsway Blvd	OV L	\$32,101
00370-000000	100.00	Arlev St	Whittaker St	East End	SSOL	\$27,036
00415-000000	274.00	Ash St (Wal)	Maple St	South End	OV L	\$99,512
00585-000000	122.00	Basilio St	Milan St	Craig St	OV L	\$30,372
00625-000000	999.00	Beatrice Cr	Attlee Ave	Hawthorne Dr (West)	SDOL	\$567,185

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

ASET_LOC

Analysis Set:

00965-000000	92.00	Boivin St	St Lawrence St	Dell St	SSOL	\$36,480
01085-000000	100.00	Brighton St	Cecil St	Falcon St	SSOL	\$21,629
01100-000000	100.00	Brodie St (NC)	Mcdougal St	Rule St	SSOL	\$39,157
01105-000000	396.00	Brodie St (Sud)	Victoria St	North End	SSOL	\$157,024
01130-000460	200.00	Bruce Ave	0.17 km North of Dell St	Ethel St	SDOL	\$100,934
01175-000000	449.00	Buchanan St	Haig St	0.421 km North	SDOL	\$226,596
01175-000449	366.00	Buchanan St	0.421 km North	Sandra Blvd	SDOL	\$184,709
01330-000000	500.00	Carmelo Ave	Lasalle Blvd	Papineau Cr	SSOL	\$135,179
01430-000000	375.00	Cavendish Court	Algonquin Rd	South End	SSOL	\$167,284
01460-000000	300.00	Cedar St (OF)	Second Ave North	North End	SSOL	\$135,314
01475-000000	100.00	Cedar St (VE)	Elm St	Maple St	SSOL	\$20,615
01530-000000	200.00	Chapman St (Cap)	Hanna Ave	Vaughan St	SSOL	\$103,097
01540-000000	500.00	Charette Ave	Hwy 144	Hill St	SSOL	\$228,002
01750-000000	400.00	Clemow Ave	Mary St	Lorne St	SSOL	\$158,610
01860-000000	268.00	Connaught Ave	Wembley Dr	York St	SSOL	\$119,552
02115-000276	91.00	David St (Sud)	Ramsey Rd	Paris St	SSOL	\$36,084
02115-000550	148.00	David St (Sud)	Marion St	West End	SSOL	\$58,686
02610-000130	320.00	Edmund St	St Nicholas St	Paris St	SSOL	\$126,888
02700-000000	405.00	Elizabeth St (Sud)	South End	Edmund St	SSOL	\$160,593
02855-000000	168.00	Ethel St	Melvin St	Bruce St	SSOL	\$66,616
02870-000000	214.00	Eugene St (VE)	Lahabre Ave	Fernand Ave	SSOL	\$44,116
03050-000309	573.00	Field St (Wal)	Timothy Ave	0.5 km East Of Melvyn Ave	SSOL	\$266,971
03065-000000	100.00	Fifth Ave (NC)	North End	South End	SSOL	\$46,592
03145-000000	100.00	First Ave South	Levack Dr	South End	OV L	\$34,268
03190-000000	100.00	Ford Ave	Kelly St	West End	OV L	\$26,946
03485-000000	61.00	Genoa St	Venice St	Diorite St	OV L	\$15,186
03545-000000	100.00	Gill Lane	Gill Ave	East End	OV L	\$18,159
03800-000000	107.00	Grev St	Elgin St	Brady St	SSOL	\$53,035
04040-000000	200.00	Henry St (NC)	Mcdougal St	Rule St	SSOL	\$78,314
04040-000201	100.00	Henry St (NC)	Church St	Poplar St	SSOL	\$37,670
04145-000000	159.00	Hillcrest Cr (Sud)	Willard Ave	Horobin St	SDOL	\$80,242
04155-000000	100.00	Hillcrest St	First Ave North	West End	SSOL	\$62,948
04175-000000	100.00	Hillside Ave (OF)	Pine St	East End	OV L	\$17,866
04220-000000	120.00	Homewood Ave	Edinburgh St	South End	SSOL	\$47,583
04360-000000	200.00	Irene Cr (Wal)	Phillip St	South End	SSOL	\$86,244
04440-000000	137.00	Jane St	Walter Ave	Niemi Rd	SSOL	\$54,324
04480-000000	270.00	Jeanne Darc Ave	St Antoine St	Logan Ave	SSOL	\$113,753
04560-000000	200.00	Jones St (NC)	Garson Coniston Rd	Cartier Ave	SSOL	\$41,230
04720-000150	125.00	Kelly St	Dennie St	East End	SSOL	\$65,055
04820-000000	450.00	Kingslea Court	Rimfret St	Meehan Ave	SSOL	\$121,661
04825-000000	654.00	Kingsmount Blvd	Wellington Hts	Holland Rd	SSOL	\$259,328
05010-000000	700.00	Lakeshore St	Young St	Laura Ave	SSOL	\$277,568
05045-000000	130.00	Lambton Court	Boland Ave	Front St	SSOL	\$51,548
05085-000000	213.00	Landsend St	Walter Ave	North End	SSOL	\$84,460
				East End	SSOL	

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_LOC

05425-000000	250.00	Levack Dr	Third Ave	First Ave South	SSOL	\$117,718
05635-000000	300.00	Lucille Ave	Francis St	Martha St	SSOL	\$61,844
05695-000000	229.00	MacLachlan St	South End	North End	SSOL	\$90,804
05920-000000	90.00	Maria St (Wal)	Carl St	West End	OV L	\$21,088
05980-000000	264.00	Market St	Godfrey Dr	Garrow Rd	SSOL	\$104,683
06035-000563	383.00	Mary St (Sud)	Gutcher Ave	East End	SSOL	\$151,869
06110-000000	200.00	McDougal St	Young St	Poplar St	SSOL	\$78,314
06165-000000	211.00	McNaughton Terrace	Elizabeth St	Annie St	SSOL	\$83,667
06275-000000	61.00	Milan St	Dominico St	West End	OV L	\$15,186
06420-000000	50.00	Montfort St	Colonial Court	0.045 km East of Colonial Court	SDOL	\$25,233
06605-000000	116.00	Myles St	East End	West End	SSOL	\$45,997
06855-000000	320.00	Notre Dame Service Rd	Leslie St	North End	SSOL	\$126,888
06895-000000	350.00	Oak St (Cap)	Hanna Ave	Northeast End	SSOL	\$156,132
06870-000000	240.00	Oconner St (Sud)	Edinburgh St	Worthington Cr	SSOL	\$95,166
07505-000000	104.00	Place Palisades	Parisien Ave	West End	SSOL	\$43,816
07675-000000	100.00	Racicot Dr	Metcalfe Dr	Springdale Dr	SSOL	\$24,670
07825-000000	150.00	Remington Rd	Regent St	West End	SSOL	\$50,557
08165-000000	131.00	Rowat St	Lorne St	Glover Ave	SSOL	\$35,417
08245-000000	200.00	Rule St	Brodie St	North End	SSOL	\$78,314
08320-000000	523.00	Sandra Blvd	Buchanan St	Willard Ave	SSOL	\$207,383
08645-000000	381.00	Simcoe St	Victoria St	North End	SSOL	\$151,076
08810-000812	208.00	Spruce St (Sud)	Gillman St	Travers St	SDOL	\$78,728
08855-000000	290.00	St Brendan St	Homewood Ave	Marion St	SSOL	\$114,992
08890-000000	457.00	St George St	Morin Ave	Notre Dame Ave	SSOL	\$181,212
08905-000000	100.00	St James St (OF)	RR 8	Fraser Ave	SSOL	\$48,574
08920-000000	700.00	St Jean St (RB)	Aldege St	Junction Ave	OV L	\$131,214
08955-000000	122.00	St Lawrence St	Boivin St	Bruce St	SSOL	\$48,376
08985-000000	250.00	St Nicholas St	Edinburgh St	Wembley Dr	SSOL	\$99,131
09005-000000	432.00	St Raphael St	Howey Dr	West End	SSOL	\$171,299
09105-000000	80.00	Stos Rd (Wal)	Carl St	East End	OV L	\$14,059
09340-000000	422.00	Third Ave (NC - Con)	Cedar St	Balsam St	SSOL	\$211,259
09365-000000	200.00	Third Ave South	RR 8	Carter St	SSOL	\$60,155
09630-000823	267.00	Victoria St (Sud)	Regent St	Lorne St	SSOL	\$105,872
09635-000000	460.00	Village Cr	Drummond Ave	Drummond Ave	SSOL	\$228,002
09715-000000	296.00	Walter Ave	Landsend St	South End	SSOL	\$117,372
09835-000000	300.00	Westview Dr	Sandra Blvd	Willard Ave	SDOL	\$151,401
09905-000000	280.00	Willard Ave	Westview Dr	Horobin St	SDOL	\$141,307
10020-000000	100.00	Woodlawn Ave (RB)	Pinellas Rd	North End	SSOL	\$40,148
10060-000100	131.00	Yarmouth St	Windemere Cr	Dorchester Cr	SDOL	\$74,376
10070-000000	284.00	York St (Sud)	Adelaide St	Regent St	SSOL	\$112,613
10085-000000	200.00	Young St (NC)	Church St	McDougal St	SSOL	\$78,314
	23,258.00					\$9,327,759

2010 Programme

Section	Length	Road	From	To	Treatment	Cost
	(m)					
00015-000000	200.00	Abbee St	Mona Ave	Vaillancourt Cr	SSOL	\$85,526
00340-000000	400.00	Armand Cr	Edward Ave	Edward Ave	SSOL	\$181,113
00620-000000	250.00	Beaton Ave	Samson Ave	South End	SSOL	\$100,618
00760-000000	90.00	Benny St	Prete St	Connaught Ave	SSOL	\$40,750
00875-000000	828.00	Birch St (NC - Gar)	Church St	Cedar St	SSOL	\$329,082
00905-000000	60.00	Birmingham Dr	Bancroft Dr	South End	SSOL	\$27,167
01120-000000	510.00	Brookside Rd Extension	Ontario St	St Onge St Extension	SSOL	\$246,314
01275-000000	100.00	Candlewood Court	Sycamore St	South End	SSOL	\$43,266
01355-000000	290.00	Caroline Court	Josephine St	Josephine St	SSOL	\$131,307
01545-000000	91.00	Charette St	Brady St	West End	SSOL	\$41,203
01655-000000	300.00	Church St (OF)	First Ave	North End	SSOL	\$137,344
01740-000000	230.00	Clement St (Cap)	Sellwood Ave	Railway Ave	SSOL	\$120,340
01875-000000	400.00	Copper St (NC)	Macmillan St	Parkinson St	SSOL	\$171,051
01920-000550	350.00	Coulson St	Hemlock St	0.1 km South of Aspen Court	SSOL	\$205,136
01960-000000	100.00	Covington Ave	Oneil Dr	Parkview Dr	SSOL	\$49,303
02030-000000	90.00	Cross St (Wal)	Woodland Ave	Phillip St	SSOL	\$38,487
02115-001174	101.00	David St (Sud)	Elizabeth St	West End	SSOL	\$40,650
02130-000000	701.00	Dean Ave	Lorne St	Landseid St	SSOL	\$282,134
02270-000230	320.00	Diane St (Sud)	0.235 km North of Lasalle Blvd	Josephine St	SSOL	\$160,989
02375-000000	430.00	Dorsett Dr	Birmingham Dr	Nottingham Ave	SSOL	\$194,696
02560-000000	240.00	Eden Point Dr	Loachis Rd	West End	SSOL	\$108,668
02580-000000	183.00	Edgehill Dr	Marcel St	Bouchard St	SSOL	\$73,653
02740-000000	200.00	Elm Cr	First Ave North	First Ave	SSOL	\$120,742
02800-000000	200.00	Emily St (VE)	Old Hwy 69N (Cap)	Dead End	SSOL	\$41,848
02930-000000	457.00	Eyre St	Victoria St	South End	SSOL	\$183,930
03135-000000	100.00	First Ave Cr	First Ave North	High St	SSOL	\$33,204
03235-000555	361.00	Fourth Ave (Sud)	CPR Crossing	Greenwood Dr	RCUL	\$499,444
03330-000000	623.00	Frobisher St	Falconbridge Hwy	East End	SSOL	\$170,960
03530-000000	200.00	Gilbert St	Martha St	North End	SSOL	\$41,848
03550-000000	120.00	Gill St	Beaton Ave	West End	SSOL	\$32,930
03630-000000	120.00	Gloucester Court	York St	East End	SSOL	\$54,334
03785-000000	270.00	Grenadier Dr	Diane St	Josephine St	SSOL	\$122,251
03790-000000	240.00	Grenoble St	Old Falconbridge Hwy	North End	SSOL	\$108,668
03870-001443	700.00	Hanna Ave (Can)	0.03 km East of Aspen Court	Hwy 69N (RR 84)	SSOL	\$404,989
03930-000000	100.00	Hartman Ave	Elm St	Pine St	SSOL	\$55,340
04485-000000	300.00	Jeanne Darc Dr	Cote Ave	Edward Ave	SSOL	\$138,853
04515-000000	107.00	Jogues St	Notre Dame Ave	West End	SSOL	\$48,448
04635-000000	482.00	Kaireen St	Armstrong St	North End	SSOL	\$132,267
04745-000000	110.00	Kensington Place	Cavendish Court	North End	SSOL	\$49,806

Analysis Set	Length	Road	From	To	Treatment	Cost
04770-000000	61.00	Keziah Court	Brady St	East End	SSOL	\$30,689
04775-000000	150.00	Killarney Ave	Kingsmount Blvd	Hyland Dr	SDOL	\$76,836
05315-000000	780.00	Lavoie St	Drummond Ave	Montrose Ave	SSOL	\$353,170
05420-000000	483.00	Leslie St	Myles St	Bridge	SDOL	\$247,411
05525-000000	168.00	Lisgar St	Larch St	Elm St	SSOL	\$92,971
05735-000000	190.00	Magnolia Blvd	Grandview Blvd	North End	SSOL	\$86,029
06160-000000	340.00	Mcnaughton St	Samson Ave	Paris St	SSOL	\$136,841
06160-000340	180.00	Mcnaughton St	Paris St	East End	SSOL	\$49,394
06350-000000	400.00	Mona St	Vaillancourt Cr	Anna St	SSOL	\$171,051
06425-000000	100.00	Montgomery St	Copper St	South End	SSOL	\$38,235
06520-000358	446.00	Morris St (Sud)	0.080 km East Of Annie St	East End	SDOL	\$228,458
06775-000000	250.00	Norman Ave	Lincoln St	West End	SSOL	\$108,165
06860-000000	80.00	Nottingham Dr	Bancroft Dr	South End	SSOL	\$36,223
06925-000000	350.00	Oakwood Ave	Dennie St	South End	SSOL	\$206,016
07050-000000	190.00	Orange Grove Dr	Grandview Blvd	North End	SSOL	\$86,029
07300-000000	100.00	Pella St	Pinellas Rd	North End	SSOL	\$40,247
07365-000000	200.00	Peter Ave	Gaudette St	North End	SSOL	\$82,507
07400-000000	300.00	Phillip St	Third Ave	Cross St	SSOL	\$184,132
07545-000000	100.00	Poplar St (NC - Gar)	Henry St	Pine St	SSOL	\$40,247
07685-000000	140.00	Radcliff Park	Algonquin Rd	East End	SSOL	\$63,390
07785-000000	76.00	Red Cross Blvd	Larch St	North End	SSOL	\$38,235
08305-000000	70.00	Sampson Ave	Marion St	Beaton Ave	SSOL	\$28,173
08305-000070	170.00	Sampson Ave	Beaton Ave	Mcnaughton St	SSOL	\$46,650
08490-000000	200.00	Serenna Dr	Martha St	North End	SSOL	\$41,848
08610-000000	70.00	Short St (Sud)	Power St	Collins Dr	SSOL	\$28,173
08640-000000	346.00	Silverman St	Van Horne St	Janet St	SSOL	\$71,210
08965-000000	300.00	St Marie St	Gaudette St	Jeanne Darc Dr	SSOL	\$138,853
08970-000000	120.00	St Martial St	St Antoine St	Morris St	SSOL	\$32,930
09055-000000	240.00	Starlight St	Lasalle Blvd	South End	SSOL	\$108,668
09075-000000	177.00	Stephen St (Sud)	Robinson Dr	Southview Dr	SDOL	\$68,000
09400-000000	190.00	Thorncliff Court	Montrose Ave	East End	SSOL	\$86,029
09475-000000	400.00	Tuddenham Ave	Mary St	Lorne St	SDOL	\$204,895
09480-000000	70.00	Tudor Court	Windsor Cr	East End	SSOL	\$31,695
09545-000000	733.00	Vaillancourt Cr	Errington Ave	Mona Ave	SSOL	\$313,451
	19,124.00					\$8,645,510

2011 Programme

Section	Length (m)	Road	From	To	Treatment	Cost
00135-000451	532.00	Alder St	Elm St	Victoria St	SSOL	\$217,328
00240-000000	200.00	Andre St	Jeanne Darc Dr	Pinellas Rd	SSOL	\$86,808
00260-000000	400.00	Anna St (RB)	Errington Ave	West End	SSOL	\$181,787
00305-000100	200.00	Anton Ave	0.1 km North of Baker St	Second St	SSOL	\$97,021

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_LOC

00470-000000	170.00	Austin St	Regent St	East End	SSOL	\$47,350
00580-000000	450.00	Barrydowne Rd (Sud)	South End	Kingsway	SDOL	\$304,155
00880-000000	200.00	Birch St (OF)	0.1 km West Of First Ave North	0.1 km East Of First Ave North	SSOL	\$130,723
01255-000000	643.00	Camelot Dr	Second Ave	North End	SSOL	\$295,506
01640-000000	110.00	Christakos St	Howey Dr	North End	SSOL	\$30,638
01860-000268	240.00	Connaught Ave	York St	South End	SSOL	\$110,298
01875-000400	100.00	Copper St (NC)	Parkinson St	North End	SSOL	\$22,282
01965-000000	213.00	Craig St	Diorite St	Corner	SSOL	\$92,451
01965-000213	183.00	Craig St	Corner	North End	SSOL	\$79,430
02125-000000	137.00	Davidson St	College St	Mackenzie St	SSOL	\$55,966
02230-000000	200.00	Desiardins St	Alexander St	Birch St	SSOL	\$92,936
02255-000000	160.00	Devon Rd	Howey Dr	East End	SSOL	\$73,532
02395-000000	150.00	Downing St	Howey Dr	North End	SSOL	\$41,779
02415-000000	30.00	Druides St	Howey Dr	North End	SSOL	\$8,356
02760-000000	440.00	Elmhurst Court	Westmount Ave	Westmount Ave	SSOL	\$122,553
02925-000000	168.00	Evergreen Lane	Flood Rd	Mackenzie St	SSOL	\$60,051
02970-000000	300.00	Falcon Cr	Falcon St	Falcon St	SSOL	\$137,872
02980-000000	300.00	Falcon St (RB)	Edward Ave	Cote Ave	SSOL	\$140,936
03035-000000	183.00	Fernwood St	Southview Dr	Robinson Dr	SSOL	\$50,971
03175-000000	273.00	Florence St	Craig St	Florence St	SSOL	\$118,494
03290-000000	300.00	Fraser Cr	Fraser Ave	RR 8	SSOL	\$139,404
03295-000000	200.00	Fraser Extension	Juniper St	Fraser Ave	SSOL	\$103,149
03385-000000	380.00	Galaway Court	Westmount Ave	Westmount Ave	SSOL	\$105,841
03635-000000	242.00	Glover Ave	Mary St	South End	RCUL	\$339,830
04110-000000	350.00	Highland Cr	Oakwood Ave	Oakwood Ave	SSOL	\$216,255
04170-000000	502.00	Hillsdale Cr	York St	South End	SSOL	\$230,706
04350-000000	190.00	Inglewood Court	Grandview Blvd	North End	SSOL	\$87,319
04735-000000	290.00	Kennedy St	Barrydowne Rd	East End	SSOL	\$80,774
05065-000000	230.00	Lancaster Dr	York St	North End	SSOL	\$105,702
05155-000000	400.00	Lapointe St (Sud)	Elisabella St	South End	OV L	\$96,557
05170-000000	200.00	Larch St (OF)	First Ave North	High St	SSOL	\$104,449
05220-000000	847.00	Latimer Cr	Loachs Rd	0.07 km North of Hunter St	SDOL	\$330,281
05285-000000	100.00	Laurier St (Sud)	Meadowside Ave	Tulane Ave	SSOL	\$27,853
05585-000537	455.00	Lonsdale Ave	East End	Wessex St	SSOL	\$209,106
06070-000000	220.00	Maureen Cr	Gemmell St	Downland Ave	SSOL	\$61,277
06195-000000	80.00	Medora St	Worthington Cr	Edmund St	SSOL	\$22,282
06510-000000	702.00	Morrie Court	Michelle Dr	Michelle Dr	SSOL	\$149,090
06830-000000	200.00	Northway Ave	Lasalle Blvd	North End	SSOL	\$55,706
07145-000405	521.00	Paquette St (Sud)	Lamothe St	Paquette St	SSOL	\$239,438
07210-000000	300.00	Parkview Dr (NC)	Oneil Dr	Northeast End	SSOL	\$150,128
07405-000000	130.00	Picard St	Downing St	Bellevue Ave	SSOL	\$36,209
07540-000000	400.00	Poplar St (NC - Con)	First Ave	Fifth Ave	SSOL	\$192,000
07605-000000	231.00	Prete St	North End	York St	SSOL	\$106,162
07700-000551	300.00	Railway Ave	Dennie St	East End	SSOL	\$122,205

Programme Report by Year (Filtered)

Analysis Set	Length (m)	Prop	Room	Treatment	Cost
08250-000000	300.00	Rushbrooke Cr	Brookside Rd Extension	SSOL	\$140,936
08380-000000	196.00	Scarlett Rd	Second Ave	SDOL	\$114,643
08570-000000	670.00	Shelley Dr	Lillian Blvd North	SSOL	\$342,127
08725-000000	370.00	Somerset St	Lonsdale Ave	SSOL	\$170,042
08765-000290	451.00	Sparks St	Barrydowne Rd	RCUL	\$633,319
08795-000000	403.00	Spruce St (NC - Con)	Edward Ave North	SSOL	\$214,019
09245-000000	300.00	Sycamore St	St Ouge St Extension	SSOL	\$139,404
09280-000000	60.00	Tameaud St	St Lourdes St	SSOL	\$24,511
09550-000000	200.00	Valley Rd	Mountain St	SSOL	\$102,128
09710-000000	273.00	Walnut St	Regent St	SSOL	\$111,523
09785-000000	100.00	Wessex St	Howey Dr	SSOL	\$45,957
09925-000000	500.00	William St (RB)	Errington Ave	SSOL	\$252,766
09980-000000	390.00	Windemere Cr	Woodbine Ave	SSOL	\$199,149
10060-000000	100.00	Yarmouth St	Woodbine Ave	SDOL	\$64,990
	18,065.00				\$8,466,460

2012 Programme

Section	Length (m)	Prop	Room	Treatment	Cost
00290-000000	70.00	Annie St	John St	SSOL	\$29,025
00295-000000	160.00	Anthony St (Sud)	Regent St	SSOL	\$45,233
00355-000000	100.00	Armstrong Rd (NC - Gar)	Mine St	SSOL	\$15,196
00520-000000	120.00	Balmoral Dr	Agincourt Ave	SDOL	\$79,158
00530-000000	314.00	Balsam St (NC)	First Ave	SSOL	\$174,138
00560-000000	122.00	Barbara St	Yale St	SSOL	\$34,490
00675-000000	400.00	Beech St (NC)	Birch St	SSOL	\$126,465
00755-000000	200.00	Bennett St	Lakeshore St	SSOL	\$101,586
01190-000000	100.00	Bunker St	Charette Ave	SSOL	\$44,574
01390-000000	100.00	Carter St (OF)	Second Ave South	SSOL	\$41,699
01410-000000	130.00	Caswell Dr	Regent St	SSOL	\$53,903
01415-000000	287.00	Catalina Court	East End	SSOL	\$133,876
01490-000700	189.00	Centennial Dr	Paris Cr	RCUL	\$269,385
01505-000000	250.00	Central Lane	Birch St	SSOL	\$51,241
01570-000000	600.00	Charlotte St (RB)	Main St	SSOL	\$289,210
01610-000000	100.00	Chesser St	Cobalt St	SSOL	\$45,610
01715-000000	610.00	Claudia Court	Hawthorne Dr West	OV L	\$149,458
01765-000000	460.00	Clinton Ave	Bond St	SDOL	\$273,096
01785-000000	200.00	Cobalt St (NC)	Macmillan St	SSOL	\$94,330
01910-000000	452.00	Cote Ave	Hwy 144	SSOL	\$241,299
02075-000000	200.00	Dale St	Bellevue Ave	SSOL	\$56,542
02110-000000	490.00	David St (RB)	Bridge St West	SSOL	\$215,871
02160-000000	50.00	Delia Court	Virginia Dr	SSOL	\$23,323
02180-000000	384.00	Delwood Court	West End	SSOL	\$179,124

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_LOC

02275-000000	400.00	Diane St (VE)	Velma St	Harold Cr	SSOL	\$86.226
02310-000000	335.00	Dominico St	Diorite St	North End	OV L	\$87.209
02700-000406	150.00	Elizabeth St (Sud)	0.05 km South of Howey Dr	Lourdes St	SSOL	\$31.805
02745-000000	200.00	Elm St (RB)	Edward Ave	Cote Ave	SSOL	\$100.550
02755-000000	1,200.00	Elm St (VE)	Main St	Larch St	SSOL	\$258.678
02770-000000	700.00	Elysee Cr	St Mary Blvd	St Mary Blvd	SSOL	\$150.895
02845-000000	447.00	Estelle St	Bancroft Dr	Rheal St	SSOL	\$126.370
02920-000000	200.00	Evergreen Ct	St Mary Blvd	St Anthony St	SSOL	\$43.113
03040-000000	300.00	Field St (Cap)	Hwy 69N (RR 84)	Park Ave	SSOL	\$50.887
03395-000000	50.00	Garden St	Auger Ave	East End	SSOL	\$23.323
03505-000000	307.00	Gerald St	Bancroft Dr	Mildred St	OV L	\$75.219
03685-000000	500.00	Gordon St	Old Skead Rd	North End	SSOL	\$196.953
03920-000000	483.00	Harry Cr	Howey Dr	North Shore Dr	OV L	\$118.341
03955-001956	370.00	Hawthorne Dr	Auger Ave	East End	SSOL	\$128.486
03965-000000	183.00	Hazel St (Sud)	Regent St	Alder St	SSOL	\$75.879
04010-000000	100.00	Hemlock St (OF)	First Ave North	West End	SSOL	\$66.342
04105-000000	270.00	Highgate Rd	Third Ave	Greenbriar Ave	SSOL	\$125.946
04150-001158	344.00	Hillcrest Dr (Wal)	Mikkola Rd	Jessie St	OV L	\$65.321
04525-000590	370.00	John St (Sud)	Annie St	Bayview Lane	SSOL	\$104.602
04530-000000	400.00	John St (VE)	Suzanne St	Clarence St	SSOL	\$86.226
04625-000000	200.00	Juniper St	Onaping Dr	Glenview Ave	SSOL	\$110.916
04630-000000	411.00	Jupiter Court	Telstar Ave	Telstar Ave	SSOL	\$191.718
04685-000000	200.00	Kathleen St (VE)	Vera St	North End	SSOL	\$43.113
04700-000000	120.00	Keen St	First Ave	West End	SSOL	\$33.925
04710-000000	750.00	Keith Ave	Edward St	Pinellas Rd	SSOL	\$353.738
04785-000000	200.00	Kincora Court	Connaught Ave	East End	SSOL	\$93.294
04830-000000	397.00	Kingston Court	Westmount Ave	Westmount Ave	SSOL	\$112.235
04845-000000	560.00	Kipling Court	Westmount Ave	Westmount Ave	SSOL	\$158.316
05000-000000	170.00	Lakeshore Dr (Sud)	Harry Cr	West End	OV L	\$41.652
05275-000000	474.00	Laurier Cr	Centennial Rd	Lapointe St	OV L	\$88.554
05630-000045	386.00	Lourdes St	Van Horne St	St Raphael St	SSOL	\$109.125
06185-000000	400.00	Mederic St	Elmview Dr	West End	SSOL	\$86.226
06370-000577	61.00	Mont Adam St	Mountain St	Leslie St	SSOL	\$25.293
06450-000000	225.00	Mooney St (Sud)	Bellevue Ave	South End	SSOL	\$63.609
06760-000000	260.00	Norfolk Court	St Andrews Rd	St Andrews Rd	SSOL	\$73.504
06950-000000	110.00	Old Burwash Rd	Regent St	0.1 km South of Regent St	SSOL	\$76.397
07000-000000	700.00	Olivia St (VE)	Fleming St	Lakeshore Dr	SSOL	\$150.895
07070-000000	412.00	Orford St	Power St	Evans Rd	SSOL	\$170.831
07520-000000	213.00	Poland St	Finland St	Evans Rd	SSOL	\$88.318
07535-000000	300.00	Poole Court	White St	North End	SSOL	\$71.030
07650-000000	250.00	Queen St (Sud)	Notre Dame St	Percy St	SSOL	\$116.617
07845-000000	356.00	Rheal St	Eugene St	Estelle St	OV L	\$87.225
07950-000000	700.00	River Rd (VE)	Main St East	Felix St	SSOL	\$150.895
07980-000000	200.00	Riverview Ave	Nickel St	West End	SSOL	\$132.684

Programme Report by Year (Filtered)

Section	Length	Road	From	To	Treatment	Cost
08620-000000	200.00	Silkwood St	St Onge St Extension	Brookside Rd Extension	SSOL	\$95,367
08685-000000	489.00	Skward Dr	Telstar Ave	Arnold St	SSOL	\$228,103
08800-000000	100.00	Spruce St (NC - Gar)	West End	Birch St	SDOL	\$44,197
08975-000000	400.00	St Mary Blvd	Old Hwy 69N (Cap)	Elysee Cr	SSOL	\$86,226
09095-000000	255.00	Stonegate Dr	Beatrice Cr	Attlee Ave	SSOL	\$118,949
09215-000000	300.00	Suzanne St (VE)	Carol St	John St	SSOL	\$64,669
09485-000275	260.00	Tulane Ave	0.13 km South of Meadows Ave	Hudson St	SDOL	\$102,906
09530-000000	197.00	Ursa Court	Brenda Dr	West End	SSOL	\$86,789
09585-000000	500.00	Velvet Court (VE)	Elysee Cr	Dead End	SSOL	\$107,782
09745-000000	200.00	Wayne Rd	St Charles Lake Rd	South End	OV L	\$49,003
09865-000000	381.00	Whittaker St	North End	Haig St	SDOL	\$201,062
09950-000000	168.00	Willow St (Sud)	Regent St	Alder St	SSOL	\$69,659
09990-000000	354.00	Windsor Cr	York St	Lancaster Dr	SSOL	\$165,130
10055-000000	284.00	Yale St	Marcel St	Regent St	SSOL	\$80,289
	25,540.00					\$8,900,444

2013 Programme

Section	Length	Road	From	To	Treatment	Cost
00225-000000	152.00	Anderson Ave	McNeil Blvd	Ethelbert St	OV L	\$37,801
00250-000000	140.00	Angeline St	Talon St	Falconbridge Hwy	OV L	\$34,816
00505-000000	329.00	Baker St	Frood Rd	College St	SSOL	\$138,462
00565-000000	152.00	Barlow St	Spruce St	Moland St	SDOL	\$81,417
00625-000999	446.00	Beatrice Cr	Hawthorne Dr (West)	Hawthorne Dr East)	OV L	\$124,779
00765-000000	340.00	Berklev Court	Madison Ave	Madison Ave	OV L	\$84,554
00800-000000	400.00	Beverly St (VE)	Peter St	Menard St	SSOL	\$87,519
01045-000350	1,040.00	Brenda Dr	0.1 km South of Ursa Court	0.03 km West of St Charles Lake Rd	SSOL	\$437,692
01080-000000	366.00	Brierwood Court	West End	Kelley Lake Rd	SSOL	\$173,288
01180-000000	230.00	Buckingham Dr	Beatrice Cr	East End	SSOL	\$108,897
01370-000000	152.00	Caron St	Kathleen St	Bond St	SSOL	\$63,970
01455-000000	400.00	Cedar St (NC - Gar)	Pine St	East End	SSOL	\$178,864
01520-000000	200.00	Champlain St	Notre Dame St West	St Agnes St	OV L	\$44,764
01710-000000	200.00	Claudette St	Martin Rd	Langton St	SSOL	\$43,760
01745-000000	100.00	Clementine St	Ocatve St	West End	OV L	\$24,869
01770-000000	152.00	Club Rd	Creighton Rd	West End	SSOL	\$46,342
01780-000000	100.00	Clyde St (VE)	Notre Dame Ave	Dennie St	OV L	\$18,963
01790-000000	591.00	Cobalt St (Stud)	School St	Power St	SSOL	\$248,727
01830-000000	581.00	Collins Dr	Power St	Balsam St	SSOL	\$244,518
02085-000000	1,080.00	Danforth Ave	Fielding St	Barrington St	OV L	\$268,584
02305-000000	230.00	Dollard Ave	Lasalle Blvd	North End	OV L	\$57,198
02420-000000	580.00	Drummond Ave	Lasalle Blvd	North End	SSOL	\$305,122
03055-000000	2,545.00	Fielding Rd	Old Hwy 17	Bridge	OV L	\$561,710
03085-000000	486.00	Finland St	Balsam St	West End	SSOL	\$204,537

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

Analysis Set: ASET_LOC

03315-000000	100.00	Fredrick St	Van Horne St	South End	SSOL	\$28,695
03455-000300	100.00	Gauthier St	Elisabeth St	East St	SSOL	\$21,880
03610-000000	191.00	Glenn St (Cap)	Stull St	Foch St	OV L	\$38,593
03705-000000	31.00	Graham St	Godfrey Dr	South End	SSOL	\$8,895
03765-000000	520.00	Greenbriar Dr	Elderwood Dr	South End	SDOL	\$313,348
03810-000000	91.00	Griffith St	Ontario St	Creek	OV L	\$22,631
04555-000000	213.00	Jones Lane	Jones St	Diorite St	SSOL	\$64,940
04855-000000	168.00	Kitchener St	North End	South End	SSOL	\$48,207
05140-000000	300.00	Langdon St	Martin Rd	Claudette St	SSOL	\$65,639
05160-000000	611.00	Lapointe St (VE)	Glenn St	Centennial Rd	SSOL	\$133,686
05230-000000	700.00	Laura Ave (Wal)	Polvi Ave	Jessie St	OV L	\$134,914
05330-000108	549.00	Lawson St	Martindale Rd	Ontario St	OV L	\$136,530
05350-000000	800.00	Leedale Ave	East End	West End	OV L	\$198,951
05435-000000	300.00	Levina St	Ckso Rd	Ranger Ave	OV L	\$74,607
05460-000000	244.00	Lilac St	Ontario St	South End	OV L	\$60,680
05465-000354	254.00	Lillian Blvd	0.365 km West Barrydowne Rd	Shelley Dr	SDOL	\$170,065
05510-000000	107.00	Linden St	Ethelbert St	West End	SSOL	\$30,703
05700-000000	700.00	Macmillan Dr	Dead End South Of Josephine Dr	North End	SSOL	\$313,013
06055-000000	152.00	Mathew St	Brock St	Lloyd St	SSOL	\$43,616
06080-000000	200.00	Maurice St (Sud)	Algonquin Rd	South End	OV L	\$49,738
06380-000000	300.00	Montcalm Ave	South End	Bloor St	SSOL	\$86,085
06495-000000	500.00	Morin St (RB)	Cote Ave	Vaillancourt Cr	SSOL	\$247,254
06525-000000	390.00	Morrison Ave	Mary St	Lorne St	SSOL	\$164,134
06815-000000	520.00	North Shore Dr	Harry Cr	East End	OV L	\$129,318
07190-000000	265.00	Parkdale Ave	Hillsboro Ave	Hargreaves Ave	OV L	\$65,902
07220-000000	100.00	Parkwood St	South End	Pine St	OV L	\$24,869
07415-000000	122.00	Pietro St	Dominico St	Milan St	OV L	\$32,236
07435-000000	700.00	Pilotte Rd	Falconbridge Hwy	Oneil Dr	SSOL	\$335,108
07555-000168	122.00	Poplar St (Sud)	Stanley St	West End	SSOL	\$35,008
07615-000000	400.00	Prevost St North	St Agnes St	Shawn St	SSOL	\$193,594
07745-000000	100.00	Ranger Ave	Levina St	North End	OV L	\$24,869
08085-000000	350.00	Roger St (Sud)	Bancroft Dr	Mildred St	OV L	\$87,041
08140-000000	500.00	Rose Court (VE)	Dominion Dr West	Dominion Dr East	SSOL	\$109,399
08440-000000	447.00	Second Ave South (Sud)	Bancroft Dr	Cpr Tracks	RCUL	\$646,674
08565-000000	350.00	Shawn St	Rayside St	Leo St	SSOL	\$169,395
08750-000000	140.00	Southgate Cr	Walford Rd	West End	SSOL	\$66,285
08865-000000	600.00	St Charles Lake Rd	Long Lake Rd	Brenda Dr	OV L	\$149,213
09180-000000	540.00	Sunnybrae Ave	Lasalle Blvd	South End	OV L	\$134,292
09250-000000	150.00	Sylvio St	Lasalle Blvd	North End	OV L	\$37,303
09260-000000	290.00	Talon St (Sud)	Will St	Josephine St	OV L	\$72,120
09320-000000	76.00	Tennis Club Lane	Park St	Creighton Rd	SSOL	\$23,171
09645-000000	230.00	Vine Ave	Hawthorne Dr	Gemmell St	OV L	\$64,348
09865-000382	91.00	Whittaker St	Ontario St	Creek	OV L	\$22,631
09900-000000	418.00	Will St	Falconbridge Hwy	Josephine St	SSOL	\$119,944

This Product is Licensed to: City of Greater Sudbury

09920-000000	600.00	William St (NC - Gar)	Falconbridge Hwy	Birch St	SSOL	\$268,297
09995-000000	300.00	Winterhave Ave	Clementine St	South End	OV L	\$74,607
10050-000000	122.00	Xavier St	St-Anne Rd	East End	SSOL	\$35,008
	26,046.00					\$8,998,589

2014 Programme

Section	Length	Route	Treatment	Cost		
	(m)					
00205-000000	200.00	Amanda St	Second Ave	East End	OV L	\$46,066
00290-000071	190.00	Annie St	Sunday St	Cartier Ave	SSOL	\$41,503
00615-000000	150.00	Bavview Lane	John St	East End	SSOL	\$24,574
00845-000000	67.00	Bigwood Dr	Southview Dr	Brierwood Court	SSOL	\$32,198
00945-000564	305.00	Bloor St (Sud)	Mackenzie St	East End	OV L	\$76,988
00975-000294	341.00	Bond St	Notre Dame St	Percy St	SSOL	\$200,290
00985-000000	3,800.00	Bonin St	RR 15	Montee Principale	OV L	\$463,456
01045-001390	600.00	Brenda Dr	0.03 km West of St Charles Lake Rd	St Charles Lake Rd	SSOL	\$256,302
01050-000000	300.00	Brenda St	Lynn St	North End	SSOL	\$152,179
01310-000000	562.00	Carl St (VE)	Old Hwy 69N (Cap)	Dead End	SSOL	\$124,809
01365-000000	196.00	Caroline St (Wal)	Graham Rd	Old Hwy 17	OV L	\$38,961
01420-000000	900.00	Catherine Dr	Oneil Dr	Oneil Dr	SSOL	\$422,899
01495-000000	300.00	Centennial Rd	Old Hwy 69N (Cap)	Community Centre	OV L	\$57,741
01625-000000	1,526.00	Chief Lake Rd	Long Lake Rd	Forest Lake Rd	OV L	\$169,447
01670-000000	1,700.00	Ckso Rd	Goodview Rd	South End	OV L	\$216,619
02335-001000	200.00	Donaldson Cr	1.0 km North of Hwy 69N (South)	Hwy 69N (North)	OV L	\$38,494
02430-000000	200.00	Dryden Rd West	Hill St	West End	OV L	\$24,028
02480-000000	200.00	Dunbar St	Ester St	South End	OV L	\$50,484
02590-000000	39.00	Edinburgh St	Laura Ave	Homewood Ave	SSOL	\$16,660
02690-000000	700.00	Elizabeth Cr	Old Hwy 69N (Cap)	Gauthier St	OV L	\$134,729
02810-000000	90.00	Eric Court	Gateway Dr	North End	SSOL	\$40,848
02815-000000	137.00	Eric St	Mekim St	Cpr Tracks	SSOL	\$39,902
02850-000000	211.00	Ester St	Hulda St	Long Lake Rd	OV L	\$53,260
02880-000000	200.00	Eva St (NC)	Oneil Dr	South End	SSOL	\$104,657
03410-000000	91.00	Garnier St	Laforest St	West End	SSOL	\$26,504
03435-000000	219.00	Gaston Ave	Alexander St	Eugene St	OV L	\$42,151
03585-000000	210.00	Glen St	Ronald Cr	South End	OV L	\$41,081
03615-000000	200.00	Glenn St (VE)	Old Hwy 69N (Cap)	Maurice St	OV L	\$38,494
03675-000000	254.00	Gordon Ave	Lasalle Blvd	Crescent Park Rd	OV L	\$56,100
03715-000000	683.00	Granite St	Mekim St	Mekim St	SSOL	\$328,227
03755-000000	320.00	Graywood Dr	Lansing Ave	West End	SSOL	\$170,868
03760-000000	300.00	Green Ave	Algonquin Rd	South End	SSOL	\$87,376
03870-001142	300.00	Hanna Ave (Cap)	Beech Cr	Balsam Cr	SSOL	\$116,938
03905-000000	500.00	Harold Cr	Diane St	Diane St	OV L	\$96,235
03925-000000	200.00	Harry St	Velma St	West End	OV L	\$38,494

Programme Report by Year (Filtered)

Budget Scenario: 10 Mil/yr

ASET_LOC

Analysis Set:

03935-000000	100.00	Hartv St	Hulda St	East End	OV L	\$25.242
03995-000000	200.00	Helens Point	St Charles Lake Rd	South End	OV L	\$50.484
04015-000000	137.00	Hemlock St (Sud)	Regent St	Lorne St	SSOL	\$58.522
04080-000000	91.00	Hickory St	Beatty St	West End	SSOL	\$26.504
04225-000000	100.00	Hope St (Sud)	South End	Huron St	SSOL	\$29.125
04370-000403	43.00	Irving St	Tuddenham Ave	West End	SSOL	\$12.524
04450-000000	79.00	Janmar Court	Southview Dr	Delwood Court	SSOL	\$37.965
04500-000000	220.00	Jessie St	Hillcrest Dr	Patricia St	OV L	\$43.037
04590-000000	100.00	Josephine St (VE)	Old Hwy 69N (Cap)	Macmillan Dr	SSOL	\$45.387
04910-000000	100.00	Kristi Court (Sud)	Latimer Cr	North End	SSOL	\$48.057
05175-000000	208.00	Larch St (Sud)	Brady St	Paris St	SSOL	\$122.171
05200-000278	511.00	Laren St	0.2 km East Of Roseland Dr	Wahnapiatae River	OV L	\$98.352
05210-000000	487.00	Larocque Ave	Dominion Dr	North End	OV L	\$93.733
05300-000000	210.00	Laval St (Sud)	Regent St	East End	OV L	\$53.008
05375-000000	500.00	Legion Cr	Mine Rd	Lindsley St South	SSOL	\$213.585
05570-000000	200.00	Lombardv St	Diorite St West	Diorite St East	SSOL	\$51.260
05725-000000	180.00	Mae St	Alexander St	South End	SSOL	\$43.906
05860-000232	244.00	Maple St (Sud)	West End	Stanley St	SSOL	\$104.230
06010-000000	240.00	Martilla Dr	Regent St	East End	OV L	\$60.581
06085-000000	400.00	Maurice St (VE)	Old Hwy 69N (Cap)	Glenn St	OV L	\$76.988
06140-000000	270.00	Mckinnon St	Bancroft Dr	North End	OV L	\$68.153
06145-000000	320.00	Mclean St	West End	East End	OV L	\$67.648
06165-000211	96.00	Mcnaughton Terrace	Annie St	East End	OV L	\$24.232
06190-000000	200.00	Medical Centre Rd	Errington Ave	Anna St	SSOL	\$79.027
06290-000000	360.00	Miller St	Main St	South End	OV L	\$76.104
06400-001400	3,600.00	Montee Principale	RR 35	RR 15	OV L	\$439.063
06640-000000	216.00	Neelon Ave	Bancroft Dr	South End	OV L	\$54.522
06705-000000	200.00	Nickel St (NC)	William Ave	West End	SSOL	\$111.064
06770-000000	200.00	Norma St	Sunnyside Rd	Sunnyside Rd	OV L	\$44.173
06785-000000	157.00	Norman St	Ontario St	McLeod St	OV L	\$39.630
06820-000000	175.00	North St	Caruso St	0.18 km East of Caruso St	OV L	\$37.547
07025-000000	500.00	Oneil Dr	Garson Coniston Rd	Margaret St	SSOL	\$242.953
07165-000000	100.00	Park Ave (Cap)	Hemlock St	Field St	SSOL	\$43.251
07220-000100	168.00	Parkwood St	Pine St	Maple St	SSOL	\$71.765
07230-000000	100.00	Patricia St (NC)	Old Skead Rd	West End	SSOL	\$17.839
07480-000000	772.00	Pine St (Sud)	West End	Beatty St	SSOL	\$465.808
07525-000000	110.00	Polvi St	Hillcrest Dr	Laura Ave	OV L	\$21.519
07555-000000	168.00	Poplar St (Sud)	Beatty St	Stanley St	SSOL	\$71.765
07730-000000	181.00	Randolph St (Cap)	Stull St	Foch St	OV L	\$36.550
07740-000000	460.00	Randolph St (Wal)	Fairbanks Lake Rd	Albert St	OV L	\$87.085
07915-000000	168.00	Rio Rd	Selkirk St	West End	SSOL	\$71.765
08095-000000	260.00	Roland St	Lauzon Ave	Attlee Ave	OV L	\$65.629
08155-000000	523.00	Roseland Dr	Mountain View Rd	Laren St	OV L	\$100.662
08195-000000	50.00	Royal Court	Imperial Dr	East End	SSOL	\$23.227

Analysis Set:	ASET_LOC	Programme Report by Year (Filtered)		Budget Scenario:	10 Mil/yr	
08385-000000	550.00	Scenic Dr	Valleyview Rd	South End	OV L	\$68,080
08395-000000	150.00	School Lane	McDougal St	Rule St	OV L	\$25,084
08745-002300	3,200.00	South Shore Rd	2.3 km North of Southshore Rd	Tilton Lake Rd	OV L	\$314,553
08800-000100	200.00	Spruce St (NC - Gar)	Birch St	Church St	SSOL	\$71,357
09040-000000	67.00	Stanlev St (Sud)	North End	Poplar St	SSOL	\$19,514
09050-000000	80.00	Stanvon St	Oconner St	Edinburgh St	SSOL	\$34,174
09310-000000	229.00	Temperance St	Balsam St	Poland St	SSOL	\$97,822
09385-000000	150.00	Thomas St (Wal)	North End	South End	OV L	\$28,870
09390-000000	152.00	Thompson St	McNeil Blvd	South End	SSOL	\$64,930
09410-004454	1,100.00	Tilton Lake Rd	Pine Hill Rd	Eden Twp Rd	OV L	\$126,149
09505-000000	100.00	Tuscanv Trail	Algonquin Rd	Vintage Way	SSOL	\$42,717
09620-000000	260.00	Victor St	Bancroft Dr	Mildred St	OV L	\$65,629
09625-000000	300.00	Victoria St (NC)	Orell St	Devuona St	SSOL	\$145,772
09660-000000	40.00	Viscount Place	Downland Ave	West End	SSOL	\$19,223
09725-000000	200.00	Walter St (Wal)	Ronald Cr	South End	OV L	\$37,863
09915-000000	230.00	William Ave (Sud)	Hawthorne Dr	Gemmell St	SSOL	\$66,988
	37,103.00					\$8,753,929
Grand Total	331,045.00					\$91,240,590

Reports for Action

Request for Recommendation Finance Committee



Type of Decision

Meeting Date	January 24, 2004				Report Date	January 22, 2004			
Decision Requested	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Priority	<input checked="" type="checkbox"/>	High	<input type="checkbox"/>	Low
	Direction Only				Type of Meeting	<input checked="" type="checkbox"/>	Open	<input type="checkbox"/>	Closed

Report Title

2004 Base Capital Budget

Policy Implication + Budget Impact

<input checked="" type="checkbox"/>	This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified.
<input checked="" type="checkbox"/>	Background Attached

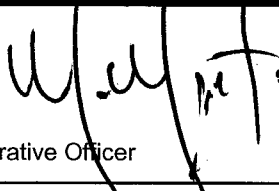
Recommendation

<p>Whereas Council has requested the early approval of the 2004 Capital Budget to allow those projects approved to proceed in a timely fashion;</p> <p>It is therefore recommended that the 2004 capital program be approved as detailed on the following schedules:</p>	
<input checked="" type="checkbox"/>	Recommendation Continued

Recommended by the General Manager

 D. Worswick General Manager of Corporate Services

Recommended by the C.A.O.

 M. Mieto Chief Administrative Officer
--

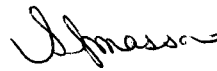
Report Prepared By



D. Dumontelle
Acting Co-Ordinator of Capital Budget



Division Review



S. Jonasson
Director of Finance/City Treasurer

Citizens and Leisure	Library	\$ 325,000
	Community Improvement Plan	200,000
	Neighbourhood Participation Projects	150,000
	General	569,580
	Cemetery	250,000
	Transit	180,000
	Parking	110,000
Corporate Services	Corporate Infrastructure	311,340
	Information Technology	102,000
	Community Support Projects	1,020,000
Economic Development & Planning		839,090
Emergency Services		1,566,560
Health & Social Services		1,093,740
Police Services		1,866,760
Public Works	Buildings	1,940,850
	Roads & Drainage	9,309,250
	Municipal Road 35	2,100,000
	Water	8,220,000
	Wastewater	6,400,000
	Solid Waste	2,920,000
	Fleet & Equipment	<u>3,052,000</u>
TOTAL CAPITAL PROGRAM - 2004		\$ <u>42,526,170</u>

with funding to be provided as follows:

Current Fund - Capital Envelopes		\$ 32,819,020
Reserves & Reserve Funds		
1. Library Reserve Fund	125,000	
2. Cemetery Reserve Fund	250,000	
3. Reserve Fund - Equipment Replacement	3,627,000	
4. Parking Reserve Fund	110,000	
5. Reserve Fund - Emergency Services Ambulance	932,739	
6. Reserve Fund - Equipment Replacement - Police	1,038,500	
Capital Financing Reserve Fund - Police	140,000	
7. Capital Financing Reserve Fund - Water	1,167,850	
8. Transfer to Capital Financing Reserve Fund - Wastewater	(312,340)	
9. Capital Financing Reserve Fund - Solid Waste	<u>1,900,000</u>	8,978,749
Grant or Subsidies		78,401
Reallocated Capital		600,000
Other Recoveries		<u>50,000</u>
TOTAL FUNDING		\$ <u>42,526,170</u>

The attached spreadsheet itemizes these amounts.

BACKGROUND

Attached are the proposed projects to be undertaken in 2004 for each capital envelope funded through the 2004 budget. Those capital projects funded entirely from reserve funds (Cemetery, Equipment Replacement and Parking) are also provided.

For information, background reports for Economic Development, Corporate Services - Information Technology, and Police Services Board are appended. Also attached are the capital requests for the closed recreational facilities.

Council does not approve Police Services projects, it approves only the envelope. However, for information purposes, the Police Capital Projects are included.

The Long Term Financial Plan (LTFP) identified Capital Funding gaps over the next ten years. 2004 to 2006 budget submissions include requests for items for which no funding, in entirety or partially, has been identified. The approval for these projects is subject to the approval of a Capital Financing Alternative Program. Any unfunded 2004 capital projects will have to be deferred until 2005 and future years.

During the preparation of submissions, every effort was made to match the timing of the needs identified in the LTFP but there may be discrepancies from a year to year basis as some projects may be accelerated or delayed in some cases. Overall, the needs identified in the LTFP have been accounted for as well as needs that have arisen since the preparation of the LTFP (eg. Fire bunkergear). In the LTFP, approximately \$230 Million was identified for capital roads needs. Details of these needs have been provided in the Capital Financing Alternative Report also on today's agenda.

The requests for 2005 and 2006 have been attached for your information.

CITY OF GREATER SUDBURY
2004 - 2006 CAPITAL BUDGET PROJECTS
2004 CAPITAL PROJECTS

CAPITAL ENVELOPE	Project Costs	FUNDING SOURCES					Total Funded	Unfinanced Project Costs
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Capital and Other Recoveries	Reallocated		
Citizens and Leisure								
Library	\$325,000	\$200,000	\$125,000 ¹			\$325,000	\$0	
Community Improvement Plan	200,000	200,000				200,000	0	
Neighbourhood Participation Projects	150,000	150,000				150,000	0	
General	7,540,000	494,580		\$25,000	\$50,000	569,580	6,970,420	
Cemetery	250,000	250,000 ²				250,000	0	
Transit	180,000	180,000 ³				180,000	0	
Parking	110,000	110,000 ⁴				110,000	0	
Subtotal	8,755,000	1,044,580	665,000	25,000	50,000	1,784,580	6,970,420	
Corporate Services								
Corporate Infrastructure	311,340	311,340				311,340	0	
Information Technology	602,000	102,000				102,000	500,000	
Community Support Projects	1,020,000	1,020,000				1,020,000	0	
Subtotal	1,933,340	1,433,340	0	0	0	1,433,340	500,000	
Economic Development								
Subtotal	839,090	839,090	0	0	0	839,090	0	
Emergency Services								
Fire and EMS	6,006,560	185,420	1,327,739 ^{3,5}	\$53,401		1,566,560	4,440,000	
Health and Social Services								
Subtotal	1,093,740	693,740	0	400,000	0	1,093,740	0	
Police Services								
Subtotal	3,238,500	488,260	1,178,500	200,000	0	1,866,760	1,371,740	
Public Works								
Buildings	3,616,350	1,940,850				1,940,850	1,675,500	
Roads & Drainage	9,309,250	9,309,250				9,309,250	0	
Municipal Road 35	2,100,000	2,100,000				2,100,000	0	
Water	8,220,000	7,052,150	1,167,850 ⁷			8,220,000	0	
Wastewater	6,400,000	6,712,340	(312,340) ⁸			6,400,000	0	
Solid Waste	2,920,000	1,020,000	1,900,000 ⁹			2,920,000	0	
Fleet and Equipment	3,052,000	3,052,000 ³				3,052,000	0	
Subtotal	35,617,600	28,134,590	5,807,510	\$78,401	\$650,000	33,942,100	1,675,500	
2004 TOTAL:	\$57,463,830	\$32,819,020	\$8,978,749	\$78,401	\$650,000	\$42,526,170	\$14,957,660	

CITIZEN AND LEISURE SERVICES DEPARTMENT

2004 Citizen and Leisure Services Capital Projects - Libraries and Leisure

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
Library Projects							
South Branch Expansion Phase I	\$325,000	\$200,000	\$125,000				
Total project cost \$975,000 over three years. Library Reserve Fund							
Leisure Projects							
Community Improvement Plans	\$200,000	\$200,000					
Neighbourhood Participation Projects	\$150,000	\$150,000					
Soccer Field Development	\$50,000	\$50,000					
*partnership l'ecole secondaire Catholique du sacre Coeur - Ref. By-Law 2003-233							
Leisure Parks/Open Space Master Plan	\$50,000	\$50,000					
*reference Resolution #2003-126							
Rotary Park Development	\$100,000	\$50,000				\$50,000	
Partnership with Rotary Clubs of Sudbury 50% each partner							
Memorial Wall	\$30,000	\$30,000					
*complete Memorial Wall at Memorial Park							

*In June 2004 the Leisure Master Plan will be presented to Council. Recommendations from the Leisure Master Plan will be incorporated into the 2005 and subsequent years capital plans and may result in a change in projects in 2005 and 2006.

2004 Citizen and Leisure Services Capital Projects - Libraries and Leisure

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
Sports Fields/Facilities Enhancement •Partnership with HRDC	\$300,000	\$150,000		\$25,000 HRDC Funding		\$125,000	
Sudbury Arena/E.S.A. Upgrades •Upgrade Special Events electrical panel required by E.S.A.	\$20,000	\$20,000					
Land Acquisition/Trail Development •purchase lands necessary for community trail development	\$100,000	\$50,000				\$50,000	
Twin Pad Construction •Add one additional ice pad to Countryside Arena	\$5,000,000					\$5,000,000	
Arenas/Community Centre Upgrades •dressing room upgrades •storage/Sudbury Arena •rink board construction •door replacement •bleachers/public skating	\$1,600,000	\$47,290				\$1,552,710	

2004 Citizen and Leisure Services Capital Projects - Libraries and Leisure

FUNDING SOURCES

Project Description	FUNDING SOURCES				Unfinanced Project Costs	NOTES
	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies		
Playground Upgrades •purchase of new equipment •general landscaping •upgrades/outdoor rink/building	\$100,000	\$47,290				\$52,710
Lively Ski Hill Facility Repair/Inspections Tow Upgrades Chalet Upgrades	\$60,000 \$100,000 \$30,000					\$60,000 \$100,000 \$30,000
Subtotal General	\$7,540,000	\$494,580	\$0	\$25,000	\$50,000	\$6,970,420
2004 GRAND TOTAL:	\$8,215,000	\$1,044,580	\$125,000	\$25,000	\$50,000	\$6,970,420

LIBRARIES AND CITIZEN SERVICES DEPARTMENT

2004 Cemetery Services Capital Projects

**Cemetery Services Capital is funded entirely from the Cemetery Reserve Fund
2004 Cemetery Reserve Fund Balance is \$430,000**

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
Civic Memorial Cemetery Expansion	\$220,000		\$220,000			\$0
St. Joseph Cemetery Niche Wall	\$30,000		\$30,000			\$0
2004 TOTAL:	\$250,000	\$0	\$250,000	\$0	\$0	\$0

CITIZEN AND LEISURE SERVICES

2004 Transit Services Capital Projects

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
3 Bus Rebuilds	\$180,000		\$180,000			
2004 TOTAL:	\$180,000	\$0	\$180,000	\$0	\$0	\$0

TRANSPORTATION SERVICES DEPARTMENT

2004 Parking Section Capital Projects

Parking Capital Projects are funded entirely from the Parking Reserve Fund
 Parking Reserve Fund Balance as at January 13, 2004 is \$1,185,022.88.

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
Phase II resurfacing and drainage of Shaghnessy St. Parking Lot	\$ 110,000		\$ 110,000				
2004 TOTAL:	\$ 110,000	\$ 0	\$ 110,000	\$ 0	\$ 0	\$ 0	

**CORPORATE SERVICES
2004 - 2006 CAPITAL BUDGET PROJECTS
2004 Corporate Services Capital Projects**

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
Corporate Infrastructure							
Voice Mail System Upgrade	\$42,000	\$42,000				\$0	
Replace Central Printer and Docutech Backup	\$180,000	\$180,000				\$0	
Building Services Mobile Units	\$37,000	\$37,000				\$0	
Contingencies, TD Square, POA	\$52,340	\$52,340				\$0	
Subtotal	\$311,340	\$311,340	\$0	\$0	\$0	\$0	
Information Technology							
Additional Novell Licences	\$50,000	\$50,000				\$0	
Upgrade Phone System	\$52,000	\$52,000				\$0	
Geographic Information System	\$200,000					\$200,000	
Ortho-imagery and Mapping	\$300,000					\$300,000	
Subtotal	\$602,000	\$102,000	\$0	\$0	\$0	\$500,000	
Community Support Projects							
Sudbury Regional Hospital and Northeastern Ontario Cancer	\$1,000,000	\$1,000,000				\$0	
Other Support	\$20,000	\$20,000				\$0	
Subtotal	\$1,020,000	\$1,020,000	\$0	\$0	\$0	\$0	
2004 TOTAL:	\$1,933,340	\$1,433,340	\$0	\$0	\$0	\$500,000	



Long Term Capital Requirements - Information Technology

Geographic Information System \$1,000,000

\$200,000 per annum over next 5 years is the capital necessary to develop a corporate Geographic Information System. This capital is primarily to support the development of information data bases and parcel fabric which would form the backbone of a working GIS. It is also required to support the IT computer hardware and software necessary to support this system.

Should the City enter into the GeoSmart Program to begin the development of a Corporate GIS a significant step will have been taken toward the development of this system with the City making a financial contribution of \$376,000. Once this City funding is accounted for, the GIS going forward component could be reduced to \$120,000 per annum for the next 5 years to secure the balance of the system requirements.

PEN Systems \$270,000

Upgrading of the current PEN system tablets and associated hardware (docking stations, digital cameras, keyboards, printers and mouses for 8 inspectors has recently been costed at approximately \$40,000. Bylaw enforcement officers which are now in the Legal Division would also benefit for PEN software and tablets for their field inspections and complaint investigations.

Outfitting 8 bylaw enforcement officers is estimated to cost approximately \$40,000. As the Pen tablets are the inspectors computer system in the field, these systems require replacement on a three year cycle like any other employee desk top computer. An estimate of 80,000 - 90,000 for this replacement every three years is a reasonable long term capital expectation.

Ortho-imagery and Mapping \$1,500,000

The long term plan estimated \$2,000,000 for ortho-imagery and mapping over the next 10 years with \$300,000 per annum (2003-2007) and \$100,000 per annum (2008 - 2012)

At the present time our mapping products are paper based and therefore are costly to maintain, reproduce and store. As well, much of the information contained on these maps is quite outdated. The replacement product must be capable of providing current information and be easily updated, stored and accessed. Going with fully computerized products such as digital photography, topographic mapping and other vector map products allows for substantial efficiencies in map and data handling and information transfer.

The new digital products have universal application and will be utilized by a wide number of user groups including: planners, engineers, government ministries, conservation authority, mining companies, and the general public. Digital mapping is required for environmental applications, urban planning, Official Plan development, engineering design, economic development and public information.

A few examples to illustrate the potential useage include: (1) digital mapping products placed on the City website for potential developers or investors to utilize the information in selection of development site locations or tourism development (2) use in updating floodplain mapping by the Conservation Authority for the entire watershed, (3) integration into a corporate wide Geographic Information System for departments and public to self service (4) land use mapping and updating for Official and Local Area Plans, and (5) environmental impact assessments for engineering projects.

Recently the entire City was flown for color digital aerial photography at a scale of 1:40,000 (half metre accuracy). This is a starting reference point for more detailed flying and mapping work. What is now required is digital aerial black and white photography at a scale of 1:20,000 (20 centimetre accuracy) for the entire city. This has built into it, a digital terrain model which will superimpose contour mapping over all of the photography. The 2 metre contour interval will result in the City having the equivalent of 1:2,000 mapping in digital formats for a wide variety of uses. Once this base digital topographic mapping is completed more detailed aerial photography for specific projects can be flown at larger scales (1:12,000 or 1:6,000 or 1:3,000) for particular engineering project requirements (land fill sites, road or sewer and water projects). Once base mapping is obtained, costs for these subsequent specific projects will realize a 70% cost savings over original mapping as control factors will have been established.

Efficiencies which will result from this work include: much easier maintenance of map products, much faster application, and much easier distribution and sharing of information between multiple users. This will ultimately result in lower costs for the acquisition of every map product component.

A better projection of this envelope is the expenditure of \$200,000 per annum for 5 years and \$100,000 for the last 5 years. This is a reduction of \$500,000 in the Long Term Plan from original estimates based on recent pricing. The City may also be able to accelerate this work and reduce these amounts further by seeking partnership agreements with the MNR, NDCA and Mining Companies to complete all or sections of the program.

**ECONOMIC DEVELOPMENT
2004 - 2006 CAPITAL BUDGET PROJECTS**

2004 GSDC Capital Projects

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
Projects Recommended							
Connect Ontario/GeoSmart Smart Sudbury Project	\$305,220	\$305,220				\$0	GSDC Approved Oct 8/03
Sudbury Area Mining and Supply Service Association (SAMSSA)	\$24,375	\$24,375				\$0	GSDC Approved Nov 12/03
Sudbury Theatre Centre Fundraising Feasibility Study	\$7,000	\$7,000				\$0	GSDC Approved Dec 11/03
Three Year Tourism Development Plan, Year 1	\$165,000	\$165,000				\$0	GSDC Approved Dec 11/03
Art Gallery of Sudbury Organizational strategic plan	\$2,000	\$2,000				\$0	GSDC Approved Jan 14/04
Bio-Gas Power Generation Facility, feasibility	\$20,000	\$20,000				\$0	GSDC Approved Jan 14/04
Contingent Commitments							
Sudbury Neutrino Observatory Outreach and P.R. Campaign Year 3 of 5	\$25,000	\$25,000				\$0	
Deep Mining Research Consortium, Year 2 of 5	\$40,000	\$40,000				\$0	
Music and Film in Motion, Year 3 of 3	\$50,000	\$50,000				\$0	
2004 Projects to be identified	\$200,495	\$200,495				\$0	
2004 TOTAL:	\$839,090	\$839,090	\$0	\$0	\$0	\$0	



ECONOMIC DEVELOPMENT CAPITAL ENVELOPE

The Greater Sudbury Development Corporation, through its Community Economic Development (CED) Committee, receives requests for support for numerous initiatives and projects in the City of Greater Sudbury.

The Economic Development Capital Fund is used to support the projects that advance the objectives of the economic development strategic plan. The GSDC, after careful and thorough review, makes recommendations to Council on funding of specific projects. The required financial support is drawn from this fund.

Some commitments are one-time amounts, while others are multi-year commitments, subject to various annual conditions. The entire process is researched, recommended, and administered by the Economic Development Section.

It is anticipated that once adequate funding levels are achieved, the fund could also be used to offset development costs that result from specific economic development projects proposed by the private sector. These funds could offset some of the costs of upgrading infrastructure to support development projects.

**EMERGENCY SERVICES DEPARTMENT
2004 - 2006 CAPITAL BUDGET PROJECTS
2004 Emergency Services Capital Projects**

Project Description	Project Costs	FUNDING SOURCES				Unfinanced Project Costs	NOTES
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries		
Vehicles							
Squirt 21	\$800,000		\$395,000			\$405,000	Represents Contribution to Equipment Reserve Fund
Squirt 11	\$700,000					\$700,000	
Tanker 8	\$175,000					\$175,000	
Tanker 17	\$175,000					\$175,000	
Bush 3	\$150,000					\$150,000	
Bush 22	\$150,000					\$150,000	
Boat #1	\$25,000					\$25,000	
Boat #2	\$25,000					\$25,000	
Ambulance 5221	\$108,000		\$108,000			\$0	
Ambulance 5224	\$108,000		\$108,000			\$0	
Ambulance 5229	\$108,000		\$108,000			\$0	
Paramedic Response Unit	\$45,000		\$45,000			\$0	
ESU - B Remount	\$100,000		\$100,000			\$0	
EMS Gator	\$33,350		\$18,342	\$15,008		\$0	
TOTAL:	\$2,702,350	\$0	\$882,342	\$15,008	\$0	\$1,805,000	
Equipment							
SCBA	\$100,000					\$100,000	
Forestry Pumps	\$7,130					\$7,130	
Hale Pumps	\$14,938					\$14,938	
Stationary Generators	\$25,000					\$25,000	
Portable Generators	\$7,500					\$7,500	
4" Gate Valve	\$2,800					\$2,800	
Lanterns	\$1,380					\$1,380	
Suction Strainer	\$1,150					\$1,150	
Foam Eductors	\$7,532					\$7,532	
Chainsaws	\$7,650					\$7,650	
Recipro Saws	\$4,830					\$4,830	
Heavy Hydraulics	\$30,000					\$30,000	
Hand Tools	\$10,000					\$10,000	
45 mm Hose	\$15,476					\$15,476	
100 mm Hose	\$17,120					\$17,120	
Nozzles	\$16,284					\$16,284	
Leather Boots	\$25,000					\$25,000	
Immersion Suits	\$6,210					\$6,210	
Bunker Gear for Volunteers	\$600,000					\$600,000	
5 Upgrades to Defibrillators	\$66,125		\$66,125			\$0	
Defibrillator Equipment	\$41,850		\$41,850			\$0	
Proflex Stretcher @ 10	\$40,500		\$40,500			\$0	
TOTAL:	\$1,048,475	\$0	\$148,475	\$0	\$0	\$900,000	

**EMERGENCY SERVICES DEPARTMENT
2004 - 2006 CAPITAL BUDGET PROJECTS**

2004 Emergency Services Capital Projects

Project Description	Project Costs	FUNDING SOURCES				Unfinanced Project Costs	NOTES
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries		
Project List							
Bunker Gear - career staff	\$53,738	\$53,738				\$0	
Training - AlerTech	\$54,060	\$54,060				\$0	
Thermal Imaging Camera	\$28,560	\$28,560				\$0	
Portable Radios	\$16,320	\$16,320				\$0	
Pagers	\$22,032	\$22,032				\$0	
Opticoms	\$10,710	\$10,710				\$0	
EMS Generator	\$250,000	\$250,000		\$14,655		\$0	
EMS Trailer	\$32,565	\$17,910	\$4,018	\$3,287		\$0	
Decontamination Shelter	\$7,305	\$9,573	\$7,833	\$9,000		\$0	
CBRN Team	\$17,407	\$11,000	\$9,000	\$3,618		\$0	
Public Awareness Equipment	\$20,000	\$4,421				\$0	
Generator for Primary EOC	\$8,038					\$0	
Generator for Primary EOC	\$1,000,000					\$1,000,000	
TOTAL:	\$1,520,735	\$185,420	\$296,922	\$38,393	\$38,393	\$1,000,000	
Facilities							
Construction of Capreol Station - EMS/Fire	\$285,000					\$285,000	
Renovations to Various Stations (see notes)	\$450,000					\$450,000	Renovations to Leon, Minnow Lake, Van Home, Long Lake, Red Deer Lake, Beaver Lake, Whitefish, Skead & Garson Stations
TOTAL:	\$735,000					\$735,000	
2004 GRAND TOTAL:	\$6,006,560	\$185,420	\$1,327,739	\$53,401	\$0	\$4,440,000	

HEALTH AND SOCIAL SERVICES DEPARTMENT
2004 - 2006 CAPITAL BUDGET PROJECTS

2004 Capital Projects

FUNDING SOURCES

Project Description	Project Costs	FUNDING SOURCES			Other Recoveries	Unfinanced Project Costs	NOTES
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies			
<u>Pioneer Manor</u>							
Capital Redevelopment	\$693,740	\$693,740				\$0	
Replace Windows, Roof	400,000			400,000			
TOTAL:	\$1,093,740	\$693,740	\$0	\$400,000	\$0	\$0	

APPENDIX "A"

Greater Sudbury Police Service
 2004 - 2006 CAPITAL BUDGET PROJECTS
 2004 Police Services Capital Projects

Project Description	Project Costs	FUNDING SOURCES					Unfinanced Project Costs	NOTES
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Project Costs		
Vehicles								
22 Marked Patrol Vehicles	\$675,000		\$675,000					¹ Police Equipment Reserve
4 Unmarked Vehicles	\$110,000		\$110,000					
2 4x4	\$85,000		\$85,000					
4 Snow Machines & Trailers	\$35,000		\$35,000					
1 Prisoner Transport Van	\$60,000		\$60,000					
1 Van	\$27,000		\$27,000					
1 Harley Davidson	\$25,000		\$25,000					
2 Dirt Bikes	\$15,000		\$15,000					
1 Boat	\$6,500		\$6,500					
TOTAL:	\$1,038,500	\$0	\$1,038,500	\$0	\$0	\$0	\$0	
Mobile Data	\$685,000	\$223,260	\$140,000			\$200,000	\$121,740	
Facility Renovations	\$500,000						\$500,000	
Specialty Unit/Enforcement Supplies	\$50,000	\$50,000						
Automation	\$50,000	\$50,000						
Leasehold Improvements	\$40,000	\$40,000						
Security/Camera System	\$50,000	\$50,000						
Communications Reserve	\$75,000	\$75,000					\$75,000	
Communications	\$75,000							
TOTAL:	\$2,200,000	\$488,260	\$140,000	\$0	\$200,000	\$1,371,740	\$1,371,740	
2004 GRAND TOTAL:	\$3,238,500	\$488,260	\$1,178,500	\$0	\$200,000	\$1,371,740	\$1,371,740	

¹ Police Reserve - Subject to Board Approval. Will leave approximately \$40,000 for unforeseen capital needs
² Other Recoveries: 2003 Capital



**GREATER SUDBURY POLICE SERVICES BOARD
CAPITAL PLAN 2004 - 2006**

January 12, 2004

GREATER SUDBURY POLICE SERVICES BOARD
CAPITAL PLAN 2004 - 2006

BACKGROUND

The Greater Sudbury Police Service is committed to providing quality policing in partnership with our community. With a vision to be recognized by our members, community and peers as a progressive, innovative leader in policing, the Service has made great strides in responding and reacting to emerging trends and issues. In recent years, improvements have been made with respect to police facilities, both the main headquarters and storefront locations throughout our City. With the creation of the new City of Greater Sudbury, the voice radio infrastructure was once again enhanced and expanded so as to provide communication coverage throughout the entire area for police, fire and transit services. In 2003, the final stage of the system was finalized and turned on. Fire Services are now making modifications and upgrades to the existing system so as to improve dispatch services that are provided through the Police Communication Centre.

The delivery of police services has been improved through the implementation and integration of technology into all facets of business operations. These include applications in the areas of Records Management Systems, Computer Aided Dispatch, and Closed Circuit Television monitoring and highly sophisticated security systems. Ongoing investment in this area has been and continues to be required in the area of automation and requires capital dollars to support such initiatives.

In prior years, most notably from 1997 to 2002, a significant amount of the police capital envelope was dedicated to financing primarily the West Tower construction project and the Voice Radio System for the purpose of expanding coverage. Now, with capital financing coming available, plans to continue expanding technological applications has been identified as a priority, specifically the implementation of Mobile Work Stations in patrol cars.

Previously, the Police Services Board approved a five-year capital priority list for the period 2002 to 2006, recognizing that this Plan may be adjusted to meet emerging trends, needs or unanticipated expenditures. This was developed in the context of Council's Capital Policy which recommended that mechanisms for establishing five-year priority lists for each envelope be established and brought forward for approval by September 30, 2001 and that these lists be updated annually thereafter.

For several years, on an annual basis through the Police Operating Budget a total of \$537,530 was contributed to the capital account. In this regard, multi-year capital forecasting was undertaken based on this annual allocation.

As part of 2002 budget deliberations, the contribution to the capital budget was reduced by \$2,000,000 on a corporate wide basis. This reduction target was prorated across the corporation with the police reduction identified at \$58,841. This resulted in the police capital envelope being reduced to \$478,689 annually.

In setting the multi-year capital spending priority list for 2004 to 2006, key projects and specific categories have been identified for which various projects are assigned as follows:

- Vehicle Replacements
- Mobile Data Terminals
- Facility Renovations
- Specialty Unit/Enforcement Supplies
- Automation
- Leasehold Improvements
- Security Camera System
- Communication
- Communications Reserve

(Refer to Appendix "A" for Financial Table)

Vehicles

In 2003, following an extensive review by KPMG, the Police Service assumed responsibility for procurement and disposal of police vehicles. In this regard, an initial reserve was established based on the current value of the fleet. Annually, thereafter, this reserve is financed through contributions from the operating budget so as to ensure sufficient resources to maintain the fleet. During the initial years of transition, the City continues to receive vehicles based on a pre-existing two and three-year retention cycle. Effective 2003, vehicles will be purchased, utilized and disposed of solely by the police. It is anticipated that the reserve and the contributions to same through the operating budget and sale of used vehicles will ensure sufficient financing for vehicle acquisitions in each year.

In addition to these items, through the Long Term Financial Planning exercise, the need for a replacement of the mobile command centre was identified. During the Transition process, it was established that this unit should be the responsibility of the Emergency Services Division. To date, an application has been made through the Joint Emergency Preparedness Program for funding with the residual amounts to be financed between police, fire and EMS.

Mobile Data Terminals

Mobile Data Terminals or lap top computers, for use in police vehicles has been identified as a priority. The voice radio system along with the new computer aided dispatch system provides for wireless electronic computer communications directly to officers on the road through the use of mobile workstations, which will be installed in

Patrol cars. The advantages of such a system allow officers to get direct access to information from their vehicle, communicated electronically car to car and allows dispatchers to send officers in a timely manner and to deliver detailed information on-line, thus reducing on-air talk time. This on-scene access provides information necessary to apprehend criminals. The benefits of these systems are great in terms of efficiency, officer safety and more effective law enforcement. Cost estimates are now in at just over \$2 million. This project has been identified as a priority for financing during the 2004 to 2006 period.

Facility Renovations

In 2003, the Police were advised that the City's Public Works Department required the Frobisher Dome for their purposes. This facility has been modified over the years tailored specifically for police use for the purpose of storing stolen property, records, fleet equipment and miscellaneous furnishings. To this end, the Board has initiated a review of available space. At the request of Council, the Board is currently examining another City owned location as an option which would see renovations so as to accommodate the above noted items. The project has since expanded to include a reallocation of certain divisions to enhance functionality and efficiencies. At this time, it is anticipated that approximately \$500,000 is required for this retrofit. Discussions are currently at a very preliminary stage with work with the architect currently underway.

Speciality Teams/Enforcement Supplies

In ensuring and maintaining compliance with the Adequacy and Effectiveness Regulation, the Service has a number of speciality teams which require both operating and capital dollars. Units such as the tactical team, canine unit and public order unit have equipment needs for which capital dollars have been identified during the next five-year capital planning cycle. Equipment ranges from vehicle equipment to specialized night vision wear.

In addition in order to maximize the efficiency of the Tactical Unit, various speciality rifles, machine guns and associated weaponry equipment are required.

Automation

Over the past several years, the Service has undertaken major initiatives in the area of automating office systems, internal security measures, records management and computer aided dispatch services. A number of software and hardware items have been required to effect these changes, which involve long-term funding requirements from capital budgets. Security of information systems is a top priority in law enforcement with capital resources dedicated to ensure security measures are in place and maintained. In order to ensure technology upgrades and new products are effected in the environment an ongoing commitment of capital dollars is required. During the next three years \$90,000 of non-specified monies have been identified for automation purposes.

Leasehold Improvements

The Service operates several storefront locations throughout the City. In order to ensure adequacy of these facilities, renovations and routine upgrades are necessary. During 2004 leasehold improvements are planned at main police headquarter in the front lobby so as to accommodate Victim Crisis and Referral Services (VCARS) and to improve space utilization in the front lobby and in the Central Records area. An annual allocation are set aside for miscellaneous leasehold improvements, particularly at various storefront locations, but does not include a provision for future major building project needs. This was again identified as part of the long-range financial plan, which we were advised forms part of the Public Works Plan.

Security/Camera System

Since having relocated police headquarters to the West Tower in 1996 and following the bombing of the former police headquarters in 1996, the building is under extensive video surveillance. Cameras are located in both Police Headquarters at the West Tower along with various areas throughout Tom Davies Square, including the underground parking garage. In order to effect security in the Police Tower, internal and external security systems have been installed as part of the overall Police Renovations project.

Specifically the system was designed so as to restrict general public access to and from the police facility. All external locks and access points are monitored with a security access code system and properly controlled access during off-peak times and weekends. A video surveillance system has been established on the interior for monitoring of inside general office spaces and most notably the secure area. In addition, police interview rooms are equipped. The exterior of the building is also being monitored via closed circuit T.V. so as to provide for both 7-24 live and taped monitoring facilities.

In addition, the Service operates the Lion's Eye in the Sky which provides an adjunct to core policing through the use of closed circuit TV throughout areas of the downtown.

Surveys indicate a high level of approval for Lion's Eye in the Sky, with 79% of individuals and 98% of businesses agreeing with video monitoring downtown. Crime statistics further confirm that the Lion's Eye in the Sky has been an effective means of both deterring and dealing with crime. In addition, the use of CCTV has played a role I enhancing the safety of officers working in the downtown area.

In 2003, as a result of aging equipment, the need for expansion and the necessity of maintaining a reliable system so as to ensure optimal functionality of the equipment resulted in the requirement for upgrades. To this end, a capital allocation had been identified to defray the costs associated with such upgrades. A total of \$240,000 was originally identified through the capital envelope over the next five years to finance both security and camera initiatives. The equipment has now been procured and is in the process of being installed. With final costing now known, financing has been adjusted and will require only an additional \$50,000 to complete the security project which has been included as part of the 2004 requirements.

Communications/Communications Reserve

Radio communications are the lifeline of the personnel of the Police. In 1994, Council approved the purchase of a state-of-the-art voice radio communications system that would allow multiple users to access tower sites, frequencies, etc. and to provide privacy of information transmitted so as scanners would not be able to intercept digitized transmissions.

Since its inception the system has undergone various levels of expansion. In 1997, in order to provide expanded signal coverage a capital expansion initiative was undertaken. In order to finance same, future year capital allocations were pre-committed to provide the financial resource. The final contribution of \$330,000 was made in 2002 which now has concluded financing for Phase II.

In order to meet ongoing equipment requirements associated with portable and mobile radio replacement and other associated equipment upgrades specific to the police only, an allocation of \$115,000 over the next three years has been identified.

As part of the long range financial planning undertaken by the City, the need for annual contributions toward the replacement of the radio system was identified. These contributions should be made annually so as to ensure an availability of finances to replace the system at a future date. It is pointed out that this is not included as part of the police capital envelope, but was identified as a corporate responsibility. To this end a contribution of \$750,000 annually is recommended to ensure sufficient resources at such time the system requires full replacement.

SUMMARY

As outlined, as part of the 2004 to 2006 Capital Budget process, a number of key projects and priorities have been identified. The spending plan has been developed based on anticipate capital needs by broad range categories. The current capital envelope of \$468,689 annually has been identified as one of the financing sources. The Police Reserve and 2003 unspent capital have also been identified to finance the initiatives. A significant amount in each year remains unfinanced at this time. Depending on availability of funds through other sources, consideration may be given to increasing the contribution to capital through the operating budget.

**PUBLIC WORKS DIVISION
BUILDING & FACILITIES SECTION
2004 - 2006 CAPITAL BUDGET PROJECTS
2004 Building & Facilities Capital Projects**

Location	Project Description	Project Costs	Capital Envelope	FUNDING SOURCES			Unfinanced Project Costs
				Reserve Funds	Grants or Subsidies	Other Recoveries	
Roofs							
Falconbridge Community Centre-Pool	re-roofing as per Council Approval	\$ 140,000	\$ 140,000	* Council Resolution # 2003-288			
Garson Medical Centre	re-roofing - flat roof	\$ 50,000	\$ 50,000				
St. Clair Public Works Storage Bldg.	roof replacement	\$ 140,000	\$ 140,000				
Centennial Arena	metal roof retrofit - insulation	\$ 160,000	\$ 160,000				
Little Britain Tot Lot Fieldhouse	re-roofing - fascia	\$ 10,000	\$ 10,000				
Sunnyside Playground Centre	replace roofing / fascia	\$ 15,000	\$ 15,000				
Chelmsford Fire and EMS Station	re-roof (Administration)	\$ 65,000	\$ 65,000				
Onaping Community Centre / Pool	re-roofing - 2 sections (flat)	\$ 90,000	\$ 90,000				
Anderson Farm Complex	re-roofing / repairs	\$ 10,000					\$ 10,000
Walden Citizen Service Centre / Library	roof repairs - south wing	\$ 7,500					\$ 7,500
Welcome Centre - Hwy 69	roof repairs	\$ 5,000					\$ 5,000
Nickel Centre Garage / Storage	flat roof repairs	\$ 5,000					\$ 5,000
Copper Cliff Station	roof replacement	\$ 45,000					\$ 45,000
Ella Lake Park, Beach & Playground	shingles & sheeting @ canteen building	\$ 15,000					\$ 15,000
Lively Police Station	roofing replacement	\$ 35,000					\$ 35,000
White Water Lake Park	replace shingles, storage building	\$ 10,000					\$ 10,000
Millennium Resource Centre	re-roof flat section	\$ 80,000					\$ 80,000
AT&T Building	re-roofing	\$ 80,000					\$ 80,000
Gatchell Pool	roofing (flat roof)	\$ 40,000					\$ 40,000
Levack Warehouse 1	re-roofing	\$ 25,000					\$ 25,000
SUBTOTAL		\$ 1,027,500.00	\$ 670,000	\$ 0.00	\$ 0.00	\$ 0.00	\$ 357,500.00
Building Shell							
Antwerp Playground Fieldhouse	wall repair / shell upgrade	\$ 18,000	\$ 18,000				
Lonsdale Playground Fieldhouse	exterior shell improvements	\$ 10,000	\$ 10,000				
Falconbridge (Curling Club)	foundation repairs	\$ 20,000	\$ 20,000				
Centennial Arena	replace exit doors / repairs	\$ 15,000	\$ 15,000				
Howard Armstrong Recreation Centre	building shell repairs - Phase 1	\$ 100,000	\$ 100,000				
White Water Lake Park	storage building - interior / exterior repairs	\$ 20,000	\$ 20,000				
Val Caron Fire Hall	Overhead Doors	\$ 15,000	\$ 15,000				
Police - Coniston Storefront	shell improvement	\$ 15,000	\$ 15,000				
Coniston Arena / Community Centre	replace Zamboni overhead door	\$ 5,000	\$ 5,000				
Falconbridge Community Centre	exterior shell improvements	\$ 75,000	\$ 75,000				
Garson Arena / Community Centre	replace Zamboni overhead door	\$ 5,000	\$ 5,000				
Carmichael Arena	rear exit doors / hardware	\$ 10,000	\$ 10,000				

**PUBLIC WORKS DIVISION
BUILDING & FACILITIES SECTION
2004 - 2006 CAPITAL BUDGET PROJECTS
2004 Building & Facilities Capital Projects**

Location	Project Description	Project Costs	Capital Envelope	FUNDING SOURCES			Unfinanced Project Costs
				Reserve Funds	Grants or Subsidies	Other Recoveries	
Lively Fire Station	windows, insulation, energy retrofit	\$ 15,000				\$ 15,000	
Centennial Arena	lobby entrance doors	\$ 8,000				\$ 8,000	
VanHorne Station	windows	\$ 20,000				\$ 20,000	
I.J. Coady Memorial Arena	shell improvement - exterior	\$ 15,000				\$ 15,000	
Nickel District Pool	replace doors - handicap access	\$ 10,000				\$ 10,000	
Raymond Plourde Arena	replace exit / emergency doors	\$ 15,000				\$ 15,000	
Carmicheal Arena	Overhead door - ice resurfacer	\$ 5,000				\$ 5,000	
Carmicheal Arena	man door - mechanical room	\$ 5,000				\$ 5,000	
Ella Lake Park, Beach & Playground	canteen building repairs - windows & doors	\$ 10,000				\$ 10,000	
Camp Wassakwa Log Cabin	door replacement / boat storage building	\$ 5,000				\$ 5,000	
Civic Memorial Cemetery Garage	garage repairs	\$ 10,000				\$ 10,000	
SUBTOTAL		\$426,000.00	\$308,000.00	\$0.00	\$0.00	\$118,000.00	
Mechanical							
Capreol / Waiden / various arenas	propane code update; ice melting pits	\$ 10,000	\$ 10,000			\$ 10,000	
Chelmsford Community Centre	Brine replacement (contaminated)	\$ 10,000	\$ 10,000			\$ 10,000	
Tom Davies Square Complex	Electrical / Security	\$ 20,000	\$ 20,000			\$ 20,000	
Capreol Community Centre & Arena	replace chillers	\$ 30,000	\$ 30,000			\$ 30,000	
Tom Davies Square	sprinkler system Phase II	\$ 100,000	\$ 100,000			\$ 100,000	
Various Locations	TSSA / various oil tank replacement	\$ 15,000	\$ 15,000			\$ 15,000	
Chelmsford Community Centre / Arena	Fire Alarm System	\$ 18,000	\$ 18,000			\$ 18,000	
Frobisher Operations Building	fuel pump upgrade	\$ 40,000	\$ 40,000			\$ 40,000	
Minnow Lake Place	heating system upgrade	\$ 15,000	\$ 15,000			\$ 15,000	
Leon Ave Station	Exhaust Ventilation System	\$ 20,000	\$ 20,000			\$ 20,000	
Countryside Arena	dehumidifier (2) units	\$ 32,000	\$ 32,000			\$ 32,000	
Onaping Community Centre / Pool	repair drain line (filtration)	\$ 5,000	\$ 5,000			\$ 5,000	
Sudbury Community Centre / Arena	building ventilation upgrade	\$ 30,000	\$ 30,000			\$ 30,000	
Coniston Arena / Community Centre	compressor replacement - UP-GRADE	\$ 20,000	\$ 20,000			\$ 20,000	
Valley East Health Clinic - Town Hall	heating controls / upgrade	\$ 15,000	\$ 15,000			\$ 15,000	
McClelland Arena	spectator heaters	\$ 7,500	\$ 7,500			\$ 7,500	
Sudbury Community Centre / Arena	plant - electrical service upgrade	\$ 90,000	\$ 90,000			\$ 90,000	
Tom Davies Square	elevator controls - main access / foyer	\$ 100,000	\$ 100,000			\$ 100,000	
Coniston Library Building	automatic door opener / main door	\$ 8,000	\$ 8,000			\$ 8,000	
Sudbury Transit Garage	replace hoist	\$ 75,000	\$ 75,000			\$ 75,000	
Carmicheal Arena	replace chiller	\$ 35,000	\$ 35,000			\$ 35,000	
Lively Tennis Centre Building - Rink	furnace replacement	\$ 5,000	\$ 5,000			\$ 5,000	
Dr. Leclair Community Centre & Arena	heating - resurfacer storage room	\$ 5,000	\$ 5,000			\$ 5,000	
Dowling Civic Leisure Centre / Library	transient voltage suppression TVSS	\$ 7,500	\$ 7,500			\$ 7,500	

**PUBLIC WORKS DIVISION
BUILDING & FACILITIES SECTION
2004 - 2006 CAPITAL BUDGET PROJECTS
2004 Building & Facilities Capital Projects**

Location	Project Description	Project Costs	Capital Envelope	FUNDING SOURCES			Unfinanced Project Costs
				Reserve Funds	Grants or Subsidies	Other Recoveries	
Centennial Arena	chiller / compressor repairs	\$ 35,000				\$ 35,000	
Tom Davies Square Complex	washroom upgrade	\$ 60,000				\$ 60,000	
Centennial Arena	Electrical panels	\$ 15,000				\$ 15,000	
Vermillion Lake Fire Station	heating system	\$ 9,000				\$ 9,000	
Carmichael Arena	lighting upgrade - lobby	\$ 5,000				\$ 5,000	
Nickel District Pool	sump / pump system	\$ 5,000				\$ 5,000	
Onaping Community Centre / Pool	pool filter system / pump & valves	\$ 50,000				\$ 50,000	
	transient voltage suppression TVSS	\$ 7,500				\$ 7,500	
SUBTOTAL		\$899,500.00	\$365,000.00	\$0.00	\$0.00	\$534,500.00	
Miscellaneous							
	Code compliance - various locations	\$ 30,000	\$ 30,000			\$ 0.00	
	Barrier free - various locations	\$ 25,000	\$ 25,000			\$ 0.00	
	Onaping Medical Centre	\$ 25,000	\$ 25,000			\$ 0.00	
	Civic Memorial Cemetery	\$ 40,000	\$ 40,000			\$ 0.00	
	Bell Park Amphitheatre	\$ 140,000	\$ 140,000			\$ 0.00	
	Trillium Centre	\$ 50,000	\$ 50,000			\$ 0.00	
	Tom Davies Community Centre & Arena	\$ 30,000	\$ 30,000			\$ 0.00	
	Onaping Community Centre / Pool	\$ 80,000				\$ 80,000	
	Tom Davies Community Centre & Arena	\$ 10,000				\$ 10,000	
	Frobisher Storage Building	\$ 300,000				\$ 300,000	
	Raymond Plourde Arena	\$ 30,000				\$ 30,000	
	McClelland Arena	\$ 5,000				\$ 5,000	
	Welcome Centre - Hwy 69	\$ 18,000				\$ 18,000	
	Valley East Library Building	\$ 7,500				\$ 7,500	
	VanHome Station	\$ 7,500				\$ 7,500	
	Countryside Arena	\$ 25,000				\$ 25,000	
	Chelmsford Community Centre / Arena	\$ 20,000				\$ 20,000	
	Tom Davies Community Centre & Arena	\$ 25,000				\$ 25,000	
	Kinsmen Sports Complex Building	\$ 15,000				\$ 15,000	
	Sudbury Community Centre / Arena	\$ 70,000				\$ 70,000	
	Coniston Arena / Community Centre	\$ 15,000				\$ 15,000	
	Kinsmen Sports Complex Building	\$ 7,500				\$ 7,500	
	Long Lake Rd. Station	\$ 5,000				\$ 5,000	
	Cambrian Arena	\$ 10,000				\$ 10,000	
	Copper Cliff Centennial Library	\$ 5,000				\$ 5,000	
	Countryside Arena	\$ 10,000				\$ 10,000	
SUBTOTAL		\$1,095,500.00	\$340,000.00	\$0.00	\$0.00	\$665,500.00	

PUBLIC WORKS DIVISION
 BUILDING & FACILITIES SECTION
 2004 - 2006 CAPITAL BUDGET PROJECTS
 2004 Building & Facilities Capital Projects

Location	Project Description	Project Costs	Capital Envelope	FUNDING SOURCES				Unfinanced Project Costs
				Reserve Funds	Grants or Subsidies	Other Recoveries		
Studies / Contingency								
Asbestos Audits	Asbestos Audits - various locations	\$ 20,000	\$ 20,000					
Emergency Breakdowns	unexpected failures / breakdowns	\$ 180,000	\$ 180,000					
Various Studies / Reports	specialized reports / studies	\$ 57,850	\$ 57,850					
SUBTOTAL		\$257,850.00	\$257,850.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL		\$3,616,350.00	\$1,940,850.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,675,500.00

**PUBLIC WORKS DIVISION
ROADS & DRAINAGE
2004 - 2006 CAPITAL BUDGET PROJECTS
2004 Roads & Drainage Capital Projects**

FUNDING SOURCES

Project	Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
Structures							
Completion of 2003 Projects		\$ 150,000	\$ 150,000				
Paris Street Bridge over CPR Main Line PH II		\$ 2,200,000	\$ 2,200,000				
Engineering Consultant Analysis/Spot Upgrading	MR 55 @ Big Nickel Structure Upgrading	\$ 150,000	\$ 150,000				
	Various						
	Replace Deficient System	\$ 120,000	\$ 120,000				
	Frost to Elmview	\$ 280,000	\$ 280,000				
	Replace Deficient System	\$ 20,000	\$ 20,000				
	Replace Deficient System	\$ 40,000	\$ 40,000				
	Replace Deficient System at City Owned Parking Lot	\$ 20,000	\$ 20,000				
	David/Naughton	\$ 60,000	\$ 60,000				
	Drainage Outlet	\$ 60,000	\$ 60,000				
	Various	\$ 50,000	\$ 50,000				
Storm Drainage Improvements							
	Ash/Pine/Birch						
	Paquette Storm Outlet						
	Albert Storm Outlet						
	Firmin Street Storm Outlet						
	Mary Street						
	Elm Street Storm Outlet						
	Paris Street Storm Outlet						
	McCrea Heights S.S.						
	Spot Improvements/Drainage Study						
Sidewalks & Walkways							
Completion of 2003 Program		\$ 60,000	\$ 60,000				
St. Joseph	Edward to Edward	\$ 110,000	\$ 110,000				
Armand	Edward to Edward	\$ 96,000	\$ 96,000				
Dennie	Sellwood to Lincoln	\$ 18,000	\$ 18,000				
Gemmell	Danforth to Westmount	\$ 36,000	\$ 36,000				
Walter	Edward to William	\$ 26,000	\$ 26,000				
Westview	at MR 55	\$ 18,000	\$ 18,000				
Main	Confederation School to Frappier	\$ 65,000	\$ 65,000				
Frappier	Main to Elizabeth Centre Entrance						
	New Sidewalk	\$ 9,000	\$ 9,000				
	Stonegate to Westmount, New Sidewalk	\$ 15,000	\$ 15,000				
Attlee	Martin to Menard, New Sidewalk	\$ 15,000	\$ 15,000				
Main							

**PUBLIC WORKS DIVISION
ROADS & DRAINAGE
2004 - 2006 CAPITAL BUDGET PROJECTS
2004 Roads & Drainage Capital Projects**

FUNDING SOURCES

Project	Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
Spruce	Gilman to Barlow	\$ 7,000	\$ 7,000				
Orell	House #177 to Ravina	\$ 20,000	\$ 20,000				
Levack	Various	\$ 10,000	\$ 10,000				
Hanna	Mitchell to Crescent	\$ 25,000	\$ 25,000				
Bonnie/Deborah	Field to East End	\$ 50,000	\$ 50,000				
St. Raphael	Stairway Extension	\$ 20,000	\$ 20,000				
Downland	Gemmell	\$ 22,000	\$ 22,000				
Downtown Lockstone Repair	Various	\$ 20,000	\$ 20,000				
Paraplegic Ramps	Various	\$ 30,000	\$ 30,000				
<u>New Street Lights</u>							
Gravel Drive, House #1687		\$ 1,300	\$ 1,300				
Keast Drive, Pole S7166, S7168		\$ 1,600	\$ 1,600				
McKenzie, House #3119		\$ 1,300	\$ 1,300				
Poplar Street, Pole B18670, B18673		\$ 2,600	\$ 2,600				
Niemi Road, House #21		\$ 1,300	\$ 1,300				
Marlene, House #4339		\$ 1,300	\$ 1,300				
Kantola Road, House #393, #405		\$ 2,600	\$ 2,600				
Goodwill, House #569		\$ 1,300	\$ 1,300				
Gravel Drive, House #1030		\$ 1,300	\$ 1,300				
Hesta Street, Two Lights for Street		\$ 2,600	\$ 2,600				
St. Laurent, House #3348, #3358		\$ 2,600	\$ 2,600				
South Bay, Between Keast and Arlington		\$ 1,600	\$ 1,600				
2 Lights		\$ 1,300	\$ 1,300				
Seguin Street, House #358		\$ 175,000	\$ 175,000				
Street Light System Upgrades		\$ 70,000	\$ 70,000				
Traffic Signals		\$	\$				

**PUBLIC WORKS DIVISION
ROADS & DRAINAGE
2004 - 2006 CAPITAL BUDGET PROJECTS
2004 Roads & Drainage Capital Projects**

FUNDING SOURCES

Project	Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
<u>Roads</u>							
Completion of 2003 Program		\$ 200,000	\$ 200,000				
Paris Street Upgrading	5th Lane/Overlay Walford to Paris	\$ 2,000,000	\$ 2,000,000				
LaSalle Blvd. Upgrading	Atlee Avenue to Barrydowne Road	\$ 1,100,000	\$ 1,100,000				
Notre Dame Avenue	Phase II	\$ 100,000	\$ 100,000				
Valleyview Drive	Phase II	\$ 100,000	\$ 100,000				
Belisle Drive	Valleyview to .7 km north	\$ 100,000	\$ 100,000				
Garson/Coniston	Spot	\$ 100,000	\$ 100,000				
Penage Lake Road	Spot	\$ 100,000	\$ 100,000				
Regent Street	Paris to Loach's Road North Side	\$ 150,000	\$ 150,000				
Moonlight Avenue	2003 Limit to Kingsway	\$ 80,000	\$ 80,000				
St. Joseph Street	2003 Limit, Completion 2003 Project	\$ 100,000	\$ 100,000				
High Street	Larch Street, Westerly	\$ 50,000	\$ 50,000				
Armand Crescent	Edward Avenue to Edward Avenue	\$ 60,000	\$ 60,000				
Dennie Street	Sellwood Street to Lincoln Crescent	\$ 60,000	\$ 60,000				
Oak Street	Hanna to North Leg	\$ 20,000	\$ 20,000				
Omer	Hwy. 144 to Balfour	\$ 15,000	\$ 15,000				
MR 15	Railway Crossing to Bonin	\$ 15,000	\$ 15,000				
CKSO Road	Goodview to Leedale	\$ 110,000	\$ 110,000				
Henri Street	Overlap with 2003 Watermain Work	\$ 60,000	\$ 60,000				
Gemmell Street	Danford Avenue to Westmount Avenue	\$ 20,000	\$ 20,000				
Treeview	Grade/Overlay	\$ 40,000	\$ 40,000				
Elgin Street		\$ 45,000	\$ 45,000				
<u>Other</u>							
Normand street	cul-de-sac	\$ 45,000	\$ 45,000				
Harry street	cul-de-sac	\$ 20,000	\$ 20,000				
Bonnie drive	turning circle and grade adjustments	\$ 60,000	\$ 60,000				
Storm water	Official Plan review	\$ 30,000	\$ 30,000				

PUBLIC WORKS DIVISION
ROADS & DRAINAGE
2004 - 2006 CAPITAL BUDGET PROJECTS
2004 Roads & Drainage Capital Projects

FUNDING SOURCES

Project	Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
	Transportation Official Plan review	\$ 25,000	\$ 25,000				
	Algonquin road drainage study	\$ 30,000	\$ 30,000				
	Crack sealing	\$ 100,000	\$ 100,000				
	Elgin street phase 2	\$ 45,000	\$ 45,000				
	Contingencies and water, wastewater works	\$ 189,550	\$ 189,550				
TOTAL ROADS AND DRAINAGE, 2004		\$ 9,309,250	\$ 9,309,250				

PUBLIC WORKS
2004 - 2006 CAPITAL BUDGET PROJECTS

2004 CAPITAL WATER PROJECTS

FUNDING SOURCES

PROJECT DESCRIPTION	PROJECT COSTS	CAPITAL ENVELOPE	RESERVES AND RESERVE FUNDS	GRANTS SUBSIDIES	OTHER RECOVERIES	UNFINANCED COSTS
Southview - 12" - Martindale to Fernwood (#2 by number of breaks)	\$1,130,000					
Regent St - Access to Herold - 12" (commitment to ORC)	280,000					
Long Lake Road - Fire Hall to Alice - 24" (Prior to road project by developer)	450,000					
Operating Manuals	200,000					
Water Upgrade with road program	200,000					
Bruyere - Mornin to east end (to eliminate 2" main)	100,000					
Whittaker - South of Struthers (to eliminate 2" main)	65,000					
MR 84 - M Well to Hannah 8th Ave and 7th ave Lively (to eliminate 2" main)	500,000					
Levack water supply	300,000					
Falconbrige water supply	500,000					
Valley east water upgrades, compliance	75,000					
Capreol water supply	1,000,000					
Walden & Dowling, tank repairs	2,400,000					
Wanapitae WTP compliance upgrades	100,000					
SCADA upgrades	500,000					
Operating manuals & as-builts	100,000					
Contingencies	220,000					
TOTAL WATER, 2004	\$8,220,000	\$7,052,150	\$1,167,850	\$0	\$0	\$0

PUBLIC WORKS
 2004 - 2006 CAPITAL BUDGET PROJECTS
2004 CAPITAL WASTEWATER PROJECTS

FUNDING SOURCES

PROJECT DESCRIPTION	PROJECT COSTS	CAPITAL ENVELOPE	RESERVES AND RESERVE FUNDS	GRANTS SUBSIDIES	OTHER RECOVERIES	UNFINANCED COSTS
South End Rock Tunnel	\$1,600,000					
Operating Manuals	200,000					
Paris Street (with road program)	100,000					
Sewer Upgrade with road program	300,000					
I&I Reduction / Relining	200,000					
Sudbury WWTP, workshop and clarifiers	1,650,000					
Lively WWTP, expansion design	1,300,000					
Sludge/energy design	100,000					
Rerate Azilda and Chelmsford WWTP	200,000					
Lift station upgrades	150,000					
St. Charles lift station upgrade	150,000					
Scada upgrades	100,000					
Operating manuals and as-builts	100,000					
Energy management	50,000					
Contingencies	200,000					
TOTAL WASTEWATER, 2004	\$6,400,000	\$6,712,340	-\$312,340	\$0	\$0	\$0

PUBLIC WORKS
 2004 - 2006 CAPITAL BUDGET PROJECTS
 2004 CAPITAL SOLID WASTE PROJECTS

FUNDING SOURCES

PROJECT	PROJECT DESCRIPTION	PROJECT COSTS	CAPITAL ENVELOPE	RESERVES AND RESERVES FUNDS	GRANTS SUBSIDIES	OTHER RECOVERIES	UNFINANCED COSTS
SUDBURY LANDFILL SITE	EXPANSION	\$1,900,000					
HANMER LAND FILL SITE	ROADS, STORM WATER POND	800,000					
WASTE MANAGEMENT FACILITY	FENCING, KIOSK	40,000					
LITTER	NEW CONTAINERS	10,000					
MONITORING AND CONTINGENCIES	ALL SITES	170,000					
TOTAL 2004		\$2,920,000	\$1,020,000	\$1,900,000	\$0	\$0	\$0

PUBLIC WORKS DEPARTMENT
EQUIPMENT
2004 - AND FUTURE EQUIPMENT REPLACEMENT PROGRAM
PROPOSED 2004 PURCHASES

FUNDING SOURCES

VEH. NO.	YEAR	DESCRIPTION	Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
<u>Snow Plows & Spreaders</u>								
S-728	1986	Tenco Plow/Spreader	\$ 200,000		\$ 200,000			
S-727	1986	Tenco Plow/Spreader	\$ 200,000		200,000			
S-641	1987	Ford Truck	\$ 200,000		200,000			
S-660	1989	International/C/W Hot	\$ 200,000		200,000			
S-661	1990	International/C/W Hot	\$ 200,000		200,000			
S-662	1990	Ford	\$ 200,000		200,000			
S-644	1990	Ford	\$ 200,000		200,000			
S-623	1990	Ford	\$ 200,000		200,000			
<u>Sidewalk Plows & Spreaders</u>								
S-239	1989	Trackless/Mt5	\$ 110,000		110,000			
S-242	1991	Trackless/Mt5	\$ 110,000		110,000			
<u>Light Trucks</u>								
S-450	1983	Dodge	\$ 30,000		30,000			
S-443	1993	Dodge	\$ 30,000		30,000			
S-071	1994	Ford	\$ 30,000		30,000			
S-448	1995	Ford	\$ 30,000		30,000			
S-069	1995	Ford Crew Cab	\$ 30,000		30,000			
S-094	1995	Ford Pick-Up	\$ 30,000		30,000			
S-449	1995	Ford	\$ 30,000		30,000			
S-064	1995	Ford Crew Cab	\$ 30,000		30,000			
S-070	1995	Ford Crew Cab	\$ 30,000		30,000			
S-476	1995	Ford	\$ 30,000		30,000			
S-561	1995	Ford	\$ 30,000		30,000			
S-471	1995	GMC	\$ 30,000		30,000			
S-004	1995	Ford Pick-Up	\$ 30,000		30,000			
S-041	1995	GMC Pick-Up	\$ 30,000		30,000			
S-050	1995	GMC Pick-Up	\$ 30,000		30,000			
S-066	1996	Dodge Van	\$ 30,000		30,000			
S-093	1996	Dodge Van	\$ 30,000		30,000			
S-007	1996	Dodge Van	\$ 30,000		30,000			

**PUBLIC WORKS DEPARTMENT
EQUIPMENT
2004 - AND FUTURE EQUIPMENT REPLACEMENT PROGRAM
PROPOSED 2004 PURCHASES**

FUNDING SOURCES

VEH. NO.	YEAR	DESCRIPTION	Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
<u>1Ton Trucks</u>								
S-566	1989	Ford	\$ 38,000	\$	\$ 38,000			
S-572	1990	Ford	\$ 38,000	\$	\$ 38,000			
S-602	1990	International	\$ 75,000	\$	\$ 75,000			
<u>Dump Trucks</u>								
R-872	1974	Zamboni	\$ 80,000	\$	\$ 80,000			
S-858	1983	Olympia	\$ 80,000	\$	\$ 80,000			
R-491	1974	Thompson	\$ 8,000	\$	\$ 8,000			
<u>Ice Resurfacers</u>								
<u>Trailers</u>								
R-202	1988	Shop Built	\$ 3,000	\$	\$ 3,000			
R-205	1988	White Trailer	\$ 3,000	\$	\$ 3,000			
R-206	1986	Falcon	\$ 3,000	\$	\$ 3,000			
R-207	1981	Shop Built	\$ 3,000	\$	\$ 3,000			
R-208	1981	Shop Built	\$ 3,000	\$	\$ 3,000			
R-213	1984	Pavemaster	\$ 3,000	\$	\$ 3,000			
R-351	1986	General Utility	\$ 3,000	\$	\$ 3,000			
R-352	1986	General Utility	\$ 3,000	\$	\$ 3,000			
R-354	1979	Fay	\$ 3,000	\$	\$ 3,000			
R-355	1983	JTC	\$ 3,000	\$	\$ 3,000			
R-372	1981	Ford	\$ 3,000	\$	\$ 3,000			
R-374	1956	Chalmers	\$ 3,000	\$	\$ 3,000			
R-375	1971	Tractor with Loader	\$ 3,000	\$	\$ 3,000			
R-711	1974	Advance	\$ 3,000	\$	\$ 3,000			
R-712	1983	Pavemaster	\$ 3,000	\$	\$ 3,000			
R-716	1985	Advance Utility Trailer	\$ 3,000	\$	\$ 3,000			
R-720	1983	2 Ton Utility	\$ 3,000	\$	\$ 3,000			
R-723	1983	Utility Trailer	\$ 3,000	\$	\$ 3,000			
S-171	1984	Ford	\$ 3,000	\$	\$ 3,000			
R-353	1989	King	\$ 3,000	\$	\$ 3,000			
R-291	1989	Herold Custom	\$ 3,000	\$	\$ 3,000			
R-340	1989	General Utility	\$ 3,000	\$	\$ 3,000			
R-203	1989	Nichols	\$ 3,000	\$	\$ 3,000			

PUBLIC WORKS DEPARTMENT
EQUIPMENT
2004 - AND FUTURE EQUIPMENT REPLACEMENT PROGRAM
PROPOSED 2004 PURCHASES

FUNDING SOURCES

VEH. NO.	YEAR	DESCRIPTION	Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
<u>Grass Mower</u>								
R-139	unknown	MDT	\$ 25,000		\$ 25,000			
R-150	1985	Ford	\$ 25,000		\$ 25,000			
<u>Pumps, Generators, Tampers</u>								
R-687	1967	300 Watt Generator	\$ 4,000		\$ 4,000			
<u>Street Sweepers & Sewer Cleaners</u>								
S-204	1993	Ford Vactor	\$ 250,000		\$ 250,000			
TOTAL EQUIPMENT, 2004			\$ 3,052,000		\$ 3,052,000			

CITIZEN AND LEISURE SERVICES DEPARTMENT
2004 Closed Recreation Facilities Capital Projects

FUNDING SOURCES

<u>Project Description</u>	<u>Project Costs</u>	<u>Capital Envelope</u>	<u>Reserves or Reserve Funds</u>	<u>Grants or Subsidies</u>	<u>Other Recoveries</u>	<u>Unfinanced Project Costs</u>
<u>Adanac Ski Hill</u>						
New Lift Installation	\$1,155,000		\$114,057			\$1,040,943
New Dozer	\$275,000		\$275,000			
Adanac Master Plan	\$20,000		\$20,000			
Replace Ski-doo	\$15,000					\$15,000
<u>R.G. Dow Pool</u>						
Replace Electrical Panels	\$15,000					\$15,000
Replace Ventillation System	\$20,000					\$20,000
Retrofit Metal Roof Flat Section	\$70,000					\$70,000
<u>Falconbridge Arena</u>						
Replace Main Entrance Roof	\$65,000					\$65,000
Repair Zamboni Room, Overhead Doors	\$11,000					\$11,000
Entranceway Improvements	\$20,000					\$20,000
Fire Exit and Stairway Improvements	\$20,000					\$20,000
Fire/Emergency Exit Door Replacement	\$10,000					\$10,000
Electrical Safety Authority Required Upgrades	\$25,000					\$25,000
<u>Barrydowne Arena</u>						
Replace Chiller	\$20,000					\$20,000
Replace Header Trench	\$25,000					\$25,000
2004 TOTAL:	\$1,766,000	\$0	\$409,057	\$0	\$0	\$1,356,943

CITY OF GREATER SUDBURY
2004 - 2006 CAPITAL BUDGET PROJECTS

2005 CAPITAL PROJECTS

FUNDING SOURCES

CAPITAL ENVELOPE	Unfinanced Carried forward from Previous Year	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Reallocated Capital and Other Recoveries	Total Funded	Cumulative Unfinanced Project Costs
Citizens and Leisure								
Library	\$0	\$325,000	\$200,000				\$200,000	\$125,000
Community Improvement Plan	0	200,000	200,000				200,000	0
Neighbourhood Participation Projects	0	150,000	150,000				150,000	0
General	6,970,420	4,650,000	494,581			50,000	544,581	11,075,839
Cemetery	0	86,000		86,000			86,000	0
Transit	0	180,000		180,000			180,000	0
Parking	0	280,000		280,000			280,000	0
Subtotal	6,970,420	5,871,000	1,044,581	546,000	0	50,000	1,640,581	11,200,839
Corporate Services								
Corporate Infrastructure	0	311,340	311,340				311,340	0
Information Technology	500,000	602,000	102,000				102,000	1,000,000
Community Support Projects	0	1,295,000	1,295,000				1,295,000	0
Subtotal	500,000	2,208,340	1,708,340	0	0	0	1,708,340	1,000,000
Economic Development								
	0	230,000	230,000				230,000	0
Emergency Services								
Fire and EMS	4,440,000	2,841,929	189,128	1,280,700			1,469,828	5,812,101
Health and Social Services								
	0	693,740	693,740				693,740	0
Police Services								
	1,371,740	1,885,000	488,260	385,000			873,260	2,383,480
Public Works								
Buildings	1,675,500	3,473,500	1,940,850				1,940,850	3,208,150
Roads & Drainage	0	9,309,250	9,309,250				9,309,250	0
Municipal Road 35	0	3,150,000	3,150,000				3,150,000	0
Water	0	9,110,000	7,448,186	1,661,814			9,110,000	0
Wastewater	0	6,770,000	7,186,730	(416,730)			6,770,000	0
Solid Waste	0	810,000	1,020,000				810,000	0
Fleet and Equipment	0	7,157,000		3,000,000			3,000,000	4,157,000
Subtotal	1,675,500	39,779,750	30,055,016	4,935,084	0	0	34,990,100	7,365,150
2005 TOTAL:	\$14,957,660	\$53,509,759	\$34,409,065	\$6,246,784	\$0	\$50,000	\$40,705,849	\$27,761,570

2005 Citizen and Leisure Services Capital Projects - Libraries and Leisure

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
Library Projects							
South Branch Expansion Phase II	\$325,000	\$200,000				\$125,000	
Total Project cost \$975,000 over 3 years (2004-2006)							
Leisure Projects							
Community Improvement Plans	\$200,000	\$200,000					
Total project cost \$975,000 over 3 years (2004-2006)							
Neighbourhood Participation Projects	\$150,000	\$150,000					
Playground Upgrades	\$400,000	\$100,000				\$300,000	
<ul style="list-style-type: none"> *purchase new equipment *general landscaping *upgrades/outdoor rink and building 							
Major Community Parks Upgrades/Development	\$2,000,000	\$100,000				\$1,900,000	
<ul style="list-style-type: none"> *upgrade pathways/buildings *stairs *clocks *lighting *general landscaping 							

2005 Citizen and Leisure Services Capital Projects - Libraries and Leisure

Project Description	FUNDING SOURCES					Unfinanced Project Costs	NOTES
	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries		
Arenas/Community Centre Upgrades •flooring •doors •bleachers	\$1,600,000	\$120,000				\$1,480,000	
Rotary Park Development Partnership with Rotary Clubs of Sudbury 50% each partner	\$100,000	\$50,000			\$50,000		
Land Acquisition/Trail Development •purchase lands necessary for community trail development	\$100,000	\$40,000				\$60,000	
Sports Fields/Facilities Enhancements	\$200,000	\$84,581				\$115,419	
Capreol Ski Hill •new cable/rope tow	\$250,000					\$250,000	
SUBTOTAL GENERAL	\$4,650,000	\$494,581	\$0	\$0	\$50,000	\$4,105,419	
2005 GRAND TOTAL:	\$5,325,000	\$1,044,581	\$0	\$0	\$50,000	\$4,230,419	

2005 Cemetery Services Capital Projects

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
Valley East Niche Wall	\$35,000		\$35,000			\$0
Civic Memorial Niche Wall	\$35,000		\$35,000			\$0
Lasalle Cemetery Fencing	\$8,000		\$8,000			\$0
Wahnapiatae Catholic Cemetery Fencing	\$8,000		\$8,000			\$0
2005 TOTAL:	\$86,000	\$0	\$86,000	\$0	\$0	\$0

2005 Transit Services Capital Projects

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
3 Bus Rebuilds	\$180,000		\$180,000			
2005 TOTAL:	\$180,000	\$0	\$180,000	\$0	\$0	\$0

2005 Parking Section Capital Projects

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
Phase III of Shaughnessy Street Parking Lot	\$200,000		\$200,000				
Installation of integrated gate arm/cash system for attended lots	\$60,000		\$60,000				
Purchase of 10 on-street meters	\$20,000		\$20,000				
2005 TOTAL:	\$280,000	\$0	\$280,000	\$0	\$0	\$0	

**CORPORATE SERVICES
2004 - 2006 CAPITAL BUDGET PROJECTS**

2006 Corporate Services Capital Projects

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
<u>Corporate Infrastructure</u>							
Voice Communications							
Docutech							
Records Maintenance							
POA Court Facilities							
Contingencies	\$311,340	\$311,340				\$0	
<u>Information Technology</u>							
Replace Central Network Switch	\$102,000	\$102,000				\$0	
Geographic Information System	\$200,000					\$200,000	
Ortho-imagery and Mapping	\$300,000					\$300,000	
Subtotal	\$602,000	\$102,000	\$0	\$0	\$0	\$500,000	
<u>Community Support Projects</u>							
Sudbury Regional Hospital and Northeastern Ontario Cancer	\$1,000,000	\$1,000,000				\$0	
Other Support	\$520,000	\$520,000				\$0	
Subtotal	\$1,520,000	\$1,520,000	\$0	\$0	\$0	\$0	
2006 TOTAL:	\$2,433,340	\$1,933,340	\$0	\$0	\$0	\$500,000	

**ECONOMIC DEVELOPMENT
2004 - 2006 CAPITAL BUDGET PROJECTS**

2005 GSDC Capital Projects

Project Description	Project Costs	FUNDING SOURCES				Unfinanced Project Costs	NOTES
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries		
Subury Neutrino Observatory Outreach and P.R. Campaign Year 4 of 5	\$25,000	\$25,000				\$0	
Deep Mining Research Consortium, Year 3 of 5	\$40,000	\$40,000				\$0	
Three Year Tourism Development Plan, Year 2 of 3	\$165,000	\$165,000				\$0	
2005 TOTAL:	\$230,000	\$230,000	\$0	\$0	\$0	\$0	

Contingent Commitments

**EMERGENCY SERVICES DEPARTMENT
2004 - 2006 CAPITAL BUDGET PROJECTS**

2005 Emergency Services Capital Projects

Project Description	Project Costs	FUNDING SOURCES				Unfinanced Project Costs	NOTES
		Capital Envelope	Reserve Funds	Grants or Subsidies	Other Recoveries		
Vehicles							
Pumper 3	\$450,000		\$402,900			\$47,100	
Pumper 14	\$350,000					\$350,000	
Pumper 18	\$350,000					\$350,000	
Tanker 22	\$175,000					\$175,000	
Bush 12	\$150,000					\$150,000	
Ambulance 5182	\$113,000		\$113,000			\$0	
Ambulance 5185	\$113,000		\$113,000			\$0	
Ambulance 5252	\$113,000		\$113,000			\$0	
Ambulance 5255	\$113,000		\$113,000			\$0	
Paramedic Response Unit	\$45,000		\$45,000			\$0	
TOTAL:	\$1,972,000	\$0	\$899,900	\$0	\$0	\$1,072,100	
Equipment							
SCBA	\$100,000					\$100,000	
Forestry Pumps	\$7,344					\$7,344	
Hale Pumps	\$15,386					\$15,386	
Stationary Generators	\$25,750					\$25,750	
Portable Generators	\$7,725					\$7,725	
4" Gate Valve	\$2,884					\$2,884	
Lanterns	\$1,463					\$1,463	
Suction Strainer	\$1,185					\$1,185	
Rescue Saws	\$5,520					\$5,520	
Heavy Hydraulics	\$30,900					\$30,900	
Hand Tools	\$10,300					\$10,300	
45 mm Hose	\$16,711					\$16,711	
100 mm Hose	\$17,634					\$17,634	
Nozzles	\$16,773					\$16,773	
Leather Boots	\$25,750					\$25,750	
Immersion Suits	\$6,396					\$6,396	
Ground ladders	\$8,280					\$8,280	
4 new Defibrillators	\$117,000		\$117,000			\$0	
Defibrillator Equipment	\$21,150		\$21,150			\$0	
Proflex Stretcher @ 7	\$32,650		\$32,650			\$0	
TOTAL:	\$470,801	\$0	\$170,800	\$0	\$0	\$300,001	

Represents Contribution to Equipment Reserve Fund

**EMERGENCY SERVICES DEPARTMENT
2004 - 2006 CAPITAL BUDGET PROJECTS**

2005 Emergency Services Capital Projects

Project Description	Project Costs	FUNDING SOURCES				Unfinanced Project Costs	NOTES
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries		
<u>Project List</u>							
Bunker Gear - career staff	\$54,813	\$54,813				\$0	
Training - AlerTech	\$55,141	\$55,141				\$0	
Thermal Imaging Camera	\$29,131	\$29,131				\$0	
Portable Radios	\$16,646	\$16,646				\$0	
Pagers	\$22,473	\$22,473				\$0	
Opticoms	\$10,924	\$10,924				\$0	
Driver Simulator	\$150,000		\$150,000			\$0	
Alternate EOC	\$60,000		\$60,000			\$0	
TOTAL:	\$399,128	\$189,128	\$210,000			\$0	
2005 GRAND TOTAL:	\$2,841,929	\$189,128	\$1,280,700	\$0	\$0	\$1,372,101	

HEALTH AND SOCIAL SERVICES DEPARTMENT
2004 - 2006 CAPITAL BUDGET PROJECTS

2005 Capital Projects

Project Description	Project Costs	FUNDING SOURCES			Unfinanced Project Costs	NOTES
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies		
Pioneer Manor						
Capital Redevelopment	\$693,740	\$693,740			\$0	
TOTAL:	\$693,740	\$693,740	\$0	\$0	\$0	

Greater Sudbury Police Service
2004 - 2006 CAPITAL BUDGET PROJECTS
2005 Police Services Capital Projects

Project Description	Project Costs	FUNDING SOURCES				Unfinanced Project Costs	NOTES
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries		
Vehicles							
11 Marked Patrol Vehicles	\$335,000		\$335,000 ¹				
2 Snow Machines & Trailer	\$22,000		\$22,000 ¹				
1 Van	\$27,000		\$27,000 ¹				
1 Boat	\$1,000		\$1,000 ¹				
TOTAL:	\$385,000	\$0	\$385,000	\$0	\$0	\$0	
Mobile Data	\$685,000	\$423,260				\$261,740	
Specialty Unit/Enforcement Supplies	\$20,000	\$20,000					
Automation	\$20,000	\$20,000					
Leasehold Improvements	\$5,000	\$5,000					
Security/Camera System	\$20,000	\$20,000					
Communications	\$750,000					\$750,000	
Communications Reserve							
TOTAL:	\$1,500,000	\$488,260	\$0	\$0	\$0	\$1,011,740	
2005 GRAND TOTAL:	\$1,885,000	\$488,260	\$385,000	\$0	\$0	\$1,011,740	

¹ Police Equipment Reserve

**PUBLIC WORKS DIVISION
BUILDING & FACILITIES SECTION
2004 - 2006 CAPITAL BUDGET PROJECTS
2005 Building & Facilities Capital Projects**

FUNDING SOURCES

Location	Project Description	Project Costs	FUNDING SOURCES				Unfinanced Project Costs
			Capital Envelope	Reserve Funds	Grants or Subsidies	Other Recoveries	
Tom Davies Community Centre & Arena	expansion - 2 additional dressing rooms	\$ 250,000					
Carmicheal Arena	metal roof retrofit - insulation	\$ 160,000					
Centennial Arena	flooring, ceiling tiles, ceramic tiles	\$ 15,000					
Centennial Arena	washroom improvements	\$ 25,000					
Raymond Plourde Arena	replace Overhead Door - Zamboni	\$ 5,000					
Raymond Plourde Arena	lighting - lobby	\$ 5,000					
Raymond Plourde Arena	dehumidifiers (2)	\$ 30,000					
Raymond Plourde Arena	heating system - bleachers	\$ 10,000					
Raymond Plourde Arena	shower / floor / door in Ref room	\$ 10,000					
Raymond Plourde Arena	replace chiller	\$ 30,000					
Cambrian Arena	replace header trench	\$ 30,000					
Carmicheal Arena	rubber flooring	\$ 20,000					
McClelland Arena	foundation repairs	\$ 95,000					
Sudbury Community Centre / Arena	plant refrigeration / control panels	\$ 80,000					
Sudbury Community Centre / Arena	*main floor (4) washrooms - renovations	\$ 100,000					
Sudbury Community Centre / Arena	upstairs hall, heating / cooling system	\$ 25,000					
Chelmsford Arena	upstairs hall, improve lighting	\$ 5,000					
Chelmsford Arena	dehumidifier system	\$ 15,000					
Chelmsford Arena	flooring & ceiling tiles, entrance / lobby	\$ 20,000					
Chelmsford Arena	washroom improvements, stalls / sinks	\$ 15,000					
Chelmsford Community Centre / Arena	Overhead Door - Zamboni	\$ 5,000					
Dr. Leclair Community Centre / Arena	Canteen Upgrades	\$ 10,000					
Dr. Leclair Community Centre / Arena	Flooring, rubber in dressing rooms	\$ 25,000					
Dr. Leclair Community Centre / Arena	*Zamboni room doors	\$ 10,000					
I.J. Coady Memorial Arena	exit doors / hardware	\$ 7,500					
I.J. Coady Memorial Arena	parking lot improvements, grading	\$ 5,000					
I.J. Coady Memorial Arena	dehumidifier - ice surface	\$ 15,000					
Coniston Arena / Community Centre	replace chiller	\$ 35,000					
Capreol Community Centre & Arena	replace compressor	\$ 30,000					
Capreol Community Centre & Arena	burgular alarm system	\$ 7,500					
Capreol Community Centre & Arena	Roof	\$ 80,000					
Capreol Community Centre & Arena	entrance repairs - Youth Centre	\$ 10,000					
Walden Citizen Service Centre / Library	structural repairs / building shell	\$ 75,000					
Valley East Library Building	window & door replacement / repair	\$ 20,000					
Bennet W. Moxam Community Centre	interior / exterior lighting	\$ 6,000					
Bennet W. Moxam Community Centre	exit doors & entrance repairs	\$ 10,000					
Kinsmen Sports Complex Building	heating / ventilation	\$ 15,000					
Howard Armstrong Recreation Centre	building shell repairs - Phase 2	\$ 500,000					
Howard Armstrong Recreation Centre	sauna heating system (2) / repairs	\$ 25,000					

**PUBLIC WORKS DIVISION
BUILDING & FACILITIES SECTION
2004 - 2006 CAPITAL BUDGET PROJECTS
2005 Building & Facilities Capital Projects**

FUNDING SOURCES

Location	Project Description	Project Costs	Capital Envelope	Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
Onaping Community Centre / Pool	Heating system boiler repairs	\$ 10,000					
Onaping Community Centre / Pool	ventilation system - pool / dressing rooms	\$ 15,000					
Economic Development / Other - Various	Mechanical-various locations	\$ 25,000					
Centre Lionel E. Lalonde Centre	door replacement / repairs	\$ 15,000					
Centre Lionel E. Lalonde Centre	flooring / conference room	\$ 20,000					
Centre Lionel E. Lalonde Centre	phase 2, re-roofing	\$ 350,000					
Coniston Medical Centre	re-roofing - shingles / ventilation	\$ 20,000					
Millennium Resource Centre	Boiler System	\$ 40,000					
Val Therese Main Fire Hall	Exhaust Ventilation System	\$ 45,000					
Val Caron Fire Hall	interior improvements / ceiling	\$ 5,000					
Leon Ave. Station	suspended heaters	\$ 7,000					
Long Lake Road Station	re-roofing	\$ 45,000					
Second Ave. Station	floor grates	\$ 8,000					
Second Ave. Station	replace shingles	\$ 20,000					
Azilda Fire Hall	siding, soffit, fascia, remove tower	\$ 35,000					
Valley East Health Clinic - Town Hall	handicap access	\$ 15,000					
Onaping Medical Centre	Hot water tank / access door	\$ 5,000					
Camp Wassakwa Log Cabin	exterior refinishing	\$ 7,500					
Simon Lake Park	doors / hardware	\$ 5,000					
Various Studies / Reports	Ontario Disabilities Act - barrier free	\$ 50,000					
Blezard Playground Fieldhouse	shingles / soffit / fascia	\$ 15,000					
Centennial Field Canteen	ventilation system	\$ 5,000					
Gatchell Pool	hot water system / holding tank - pool	\$ 50,000					
Nickel District Pool	replace pool filter system / pump / valves	\$ 25,000					
Nickel District Pool	pool heating system - heat exchanger	\$ 15,000					
Public Works Facilities Various Locations	Mechanical-various locations	\$ 50,000					
Frobisher Storage Building	Storage building - Phase 2	\$ 300,000					
Levack Warehouse 2	siding	\$ 10,000					
Various Locations	TSSA / oil tank / ice melting pits	\$ 25,000					
Sudbury Transit Garage	doors / hardware	\$ 20,000					
Sudbury Transit Garage	Heat Exchangers - roof top	\$ 15,000					
Sudbury Transit Garage	overhead door operators	\$ 15,000					
Asbestos Audits	Asbestos Audits - various locations	\$ 50,000					
Contingency	unexpected failures / breakdowns	\$ 250,000					
Various Studies	specialized reports / studies	\$ 50,000					

TOTAL 2005 \$3,473,500 \$1,940,850 \$1,532,650

**PUBLIC WORKS DIVISION
ROADS & DRAINAGE
2004 - 2006 CAPITAL BUDGET PROJECTS
2005 Roads & Drainage Capital Projects**

FUNDING SOURCES

Project	Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
<u>Structures</u>							
MR 63 College Street Phase II	Underpass Improvements & Road Work	\$ 2,000,000	\$ 2,000,000				
Boland Bay	Structure Upgrading	\$ 300,000	\$ 300,000				
Road Culvert	Replacement	\$ 200,000	\$ 200,000				
Engineering Consultants	Structural Investigation	\$ 200,000	\$ 200,000				
<u>Storm Drainage Improvements</u>							
Access/Field/Regent	Storm Sewer Extension & Road Culvert Replacement	\$ 350,000	\$ 350,000				
Kaireen Street	Replace Deteriorated Storm Drainage Improvement	\$ 60,000	\$ 60,000				
Horobin Street	Drainage Improvement	\$ 100,000	\$ 100,000				
Dominion Drive	Channel Improvement Tributary 8A	\$ 50,000	\$ 50,000				
Linda Street	Storm Sewer Outlet	\$ 150,000	\$ 150,000				
Spot Improvements/Study	Various Locations	\$ 190,000	\$ 190,000				
<u>Sidewalks & Walkways</u>							
First	Elm Crescent to 150m south	\$ 10,000	\$ 10,000				
Gratton	Errington to Cote	\$ 25,000	\$ 25,000				
Charlebois	Junction to Joliette	\$ 45,000	\$ 45,000				
Copper	Franklin to MacMillan	\$ 10,000	\$ 10,000				
Field	Timothy to Melvyn Phase II	\$ 110,000	\$ 110,000				
Frappier	Elizabeth Centre Entrance to Flake	\$ 55,000	\$ 55,000				
Church	Birch to Spruce	\$ 80,000	\$ 80,000				
Cote	East of Laura	\$ 50,000	\$ 50,000				
Grenadier	Josephine to Diane	\$ 50,000	\$ 50,000				
Dennie	at Ferguson	\$ 10,000	\$ 10,000				
Victoria	Gilman to Albinson Phase I	\$ 100,000	\$ 100,000				
Pine	Second to Edward	\$ 35,000	\$ 35,000				
Onaping Falls	Various	\$ 20,000	\$ 20,000				
Downtown	Lockstone Repair	\$ 20,000	\$ 20,000				
Paraplegic Ramps	Various	\$ 30,000	\$ 30,000				

**PUBLIC WORKS DIVISION
ROADS & DRAINAGE
2004 - 2006 CAPITAL BUDGET PROJECTS
2005 Roads & Drainage Capital Projects**

FUNDING SOURCES

Project	Project Description	Project Costs	Capital Envelope	FUNDING SOURCES			Unfinanced Project Costs
				Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	
<u>New Street Lights</u>							
Burma Road at Refuse Drop-off		\$ 1,300	\$ 1,300				
Bruce Street, Off Hwy. 69S		\$ 1,300	\$ 1,300				
Gordon Lake Road, House #74		\$ 1,300	\$ 1,300				
Taipales Road, House #1347		\$ 1,000	\$ 1,000				
Winterhaven, House #2854		\$ 800	\$ 800				
Vermillion Lake Road, House #158, Move Existing Light		\$ 1,300	\$ 1,300				
Adam Street, House #15		\$ 1,000	\$ 1,000				
York Drive, Off Vermillion Lake Road		\$ 1,300	\$ 1,300				
Lane, Rear of 27 Morrison		\$ 4,200	\$ 4,200				
Leduc Street (VE), House #3144		\$ 1,300	\$ 1,300				
St. Catherines Lane, East of Broadway		\$ 2,500	\$ 2,500				
Lane, North of Jean, Burton to Bessie		\$ 3,000	\$ 3,000				
Township of Dill, Cleland and Dryden		\$ 3,000	\$ 3,000				
<u>Roads</u>							
Hwy. 69 N	Valleyview Drive, Main Street 5th Lane	\$ 2,000,000	\$ 2,000,000				
MR 86, Falconbridge	CNR Tracks to CN Overpass	\$ 1,000,000	\$ 1,000,000				
Garson/Coniston	Spot	\$ 100,000	\$ 100,000				
Penage Lake Road	Spot	\$ 100,000	\$ 100,000				
MR 55	Fielding, Northerly .7 km, Spot	\$ 150,000	\$ 150,000				
Hillcrest	Dennie - Lincoln	\$ 50,000	\$ 50,000				
Riverside Drive	Houle Street to King Street	\$ 60,000	\$ 60,000				
First Avenue North	North Leg of Elm Crescent, South 150 meters	\$ 40,000	\$ 40,000				
Gratton Street	Errington Avenue to Cote	\$ 50,000	\$ 50,000				
Junction Avenue	Notre Dame Avenue to Charlebois	\$ 60,000	\$ 60,000				
Charlebois Street	Junction Avenue to Joliete Avenue	\$ 50,000	\$ 50,000				
Bayview Court	Willow Street Northerly	\$ 10,000	\$ 10,000				
Copper Street	Franklin Drive to MacMillan Street	\$ 50,000	\$ 50,000				
CKSO Road	Phase II	\$ 100,000	\$ 100,000				
Crescent Park Road	MacDonald Cartier to Gordon Drive	\$ 40,000	\$ 40,000				
Field Street	Timothy Street to Melvin Street	\$ 100,000	\$ 100,000				

PUBLIC WORKS DIVISION
ROADS & DRAINAGE
2004 - 2006 CAPITAL BUDGET PROJECTS
2005 Roads & Drainage Capital Projects

FUNDING SOURCES

Project	Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
Puska Street	St. Agnes to Laurier Street	\$ 40,000	\$ 40,000				
<u>Other</u>							
Crack sealing		\$ 100,000	\$ 100,000				
Traffic system upgrades		\$ 170,000	\$ 170,000				
Street lights upgrades		\$ 175,000	\$ 175,000				
Upper Val Caron drainage study		\$ 400,000	\$ 400,000				
Contingencies and s&w works		\$ 190,950	\$ 190,950				
TOTAL ROADS AND DRAINAGE - 2005		\$ 9,309,250	\$ 9,309,250				

PUBLIC WORKS
2004 - 2006 CAPITAL BUDGET PROJECTS

2005 CAPITAL WATER PROJECTS

FUNDING SOURCES

PROJECT DESCRIPTION	PROJECT COSTS	CAPITAL ENVELOPE	RESERVES AND RESERVE FUNDS	GRANTS SUBSIDIES	OTHER RECOVERIES	UNFINANCED COSTS
Gary - Lasalle to Monfort (#10 by number of breaks)	\$450,000					
Clemow - Mary to Irving (#4 by number of breaks)	350,000					
Robinson - Southview to Ascott (#17 by number of breaks)	425,000					
Tennis Club Lane - Copper Cliff	120,000					
Winchester Ave - Kingsmount to Wembly	60,000					
Operating Manuals	200,000					
College Syreet Underpass (with road program)	200,000					
Water Upgrade with road program	200,000					
Dennie - Hanna to Selwood (Fire flow and freezing services)	500,000					
Falconbridge Watermain replacement-N of Lasalle (with road program)	270,000					
MR24 Lively - Niemi Rd to 3rd - 12"	500,000					
Cranbrook Cres (#1 by breaks)	425,000					
Levack water supply	3,000,000					
Wanapitae WTP capacity upgrades	1,000,000					
Valeey well & pumphouse	700,000					
Ramsey lake watershed protection	150,000					
Water conservation initiatives	100,000					
Energy management	50,000					
Scada upgrades	100,000					
Operating manuals & as-builts	100,000					
Contingencies	210,000					
TOTAL WATER, 2005	\$9,110,000	\$7,448,186	\$1,661,814	\$0	\$0	\$0

PUBLIC WORKS
 2004 - 2006 CAPITAL BUDGET PROJECTS
 2005 CAPITAL WASTEWATER PROJECTS

FUNDING SOURCES

PROJECT DESCRIPTION	PROJECT COSTS	CAPITAL ENVELOPE	RESERVES AND RESERVE FUNDS	GRANTS SUBSIDIES	OTHER RECOVERIES	UNFINANCED COSTS
South End Rock Tunnel	\$1,600,000					
Bancroft Drive - Levesque to Moonlight	200,000					
Operating Manuals	200,000					
Sewer Upgrade with road program	600,000					
Lively WWTP expansion	1,200,000					
Sudbury WWTP replace 3'rd clarifier	500,000					
Sludge/energy plant	2,000,000					
Scada upgrades	100,000					
Operating manuals and as-builts	100,000					
Contingencies	270,000					
TOTAL WASTEWATER, 2005	\$6,770,000	\$7,186,730	-\$416,730	\$0	\$0	\$0

PUBLIC WORKS
2004 - 2006 CAPITAL BUDGET PROJECTS
2005 CAPITAL SOLID WASTE PROJECTS

FUNDING SOURCES

PROJECT	PROJECT DESCRIPTION	PROJECT COSTS	CAPITAL ENVELOPE	RESERVES AND RESERVES FUNDS	GRANTS SUBSIDIES	OTHER RECOVERIES	UNFINANCED COSTS
SUDBURY LANDFILL SITE	VISUAL AND NOISE BARRIERS	\$230,000					
WATER MODELLING	PHASE I STUDY	300,000					
AZILDA LANDFILL SITE	STORM WATER POND	100,000					
LITTER	NEW CONTAINERS	10,000					
MONITORING AND CONTINGENCIES	ALL SITES	170,000					
TOTAL 2005		\$810,000	\$1,020,000				(\$210,000)

PUBLIC WORKS DEPARTMENT

EQUIPMENT

PROPOSED 2005 AND 2006 EQUIPMENT REPLACEMENT PROGRAM

FUNDING SOURCES

VEHICLE TYPE	NO. OF UNITS	UNIT COST	Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
Snow Plows & Spreaders	25	\$ 200,000	\$ 5,000,000					
Sidewalk Plows & Spreaders	6	\$ 110,000	\$ 660,000					
Light Trucks	36	\$ 30,000	\$ 1,080,000					
1 Ton Trucks	19	\$ 38,000	\$ 722,000					
Dump Trucks	8	\$ 75,000	\$ 600,000					
Cars and Mini-Vans	3	\$ 22,000	\$ 66,000					
Earth Moving Equipment	25	\$ 135,000	\$ 3,375,000					
Ice Resurfacers	5	\$ 80,000	\$ 400,000					
Steamers	6	\$ 8,000	\$ 48,000					
Trailers	21	\$ 3,000	\$ 63,000					
Asphalt Equipment	1	\$ 60,000	\$ 60,000					
Grass Mowers	40	\$ 25,000	\$ 1,000,000					
Pumps, Generators, Tampers...	60	\$ 4,000	\$ 240,000					
Street Sweepers, Sewer Cleaners	4	\$ 250,000	\$ 1,000,000					
TOTAL 2005 to 2006			\$14,314,000.00		\$6,000,000.00			\$8,314,000.00
2005 estimate 50%			\$ 7,157,000		\$ 3,000,000			\$ 4,157,000
2006 estimate 50%			\$ 7,157,000		\$ 3,000,000			\$ 4,157,000

2005 Closed Recreation Facilities Capital Projects

FUNDING SOURCES

<u>Project Description</u>	<u>Project Costs</u>	<u>Capital Envelope</u>	<u>Reserves or Reserve Funds</u>	<u>Grants or Subsidies</u>	<u>Other Recoveries</u>	<u>Unfinanced Project Costs</u>
<u>Adanac Ski Hill</u> Upgrade Snow Making Equipment	\$100,000					\$100,000
<u>Falconbridge Arena</u> Replace Condensor	\$25,000					\$25,000
<u>Barrydowne Arena</u> Roof Repairs/Coating	\$15,000					\$15,000
TOTAL:	\$140,000	\$0	\$0	\$0	\$0	\$140,000

CITY OF GREATER SUBURBY
2004 - 2006 CAPITAL BUDGET PROJECTS

2006 CAPITAL PROJECTS

FUNDING SOURCES

CAPITAL ENVELOPE	Unfunded Carried forward from Previous Year	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Reallocated Capital and Other Recoveries	Total Funded	Cumulative Unfunded Project Costs
Citizens and Leisure								
Library	\$125,000	\$325,000	\$200,000				\$200,000	\$250,000
Community Improvement Plan	0	200,000	200,000				200,000	0
Neighbourhood Participation Projects	0	150,000	150,000				150,000	0
General	11,075,839	29,200,000	494,581			50,000	544,581	39,731,258
Cemetery	0	1,056,000		56,000		1,000,000	1,056,000	0
Transit	0	1,780,000	206,000	180,000			386,000	1,394,000
Parking	0	0					0	0
Subtotal	11,200,839	32,711,000	1,250,581	236,000	0	1,050,000	2,536,581	41,375,258
Corporate Services								
Corporate Infrastructure	0	311,340	311,340				311,340	0
Information Technology	1,000,000	602,000	102,000				102,000	1,500,000
Community Support Projects	0	1,520,000	1,520,000				1,520,000	0
Subtotal	1,000,000	2,433,340	1,933,340	0	0	0	1,933,340	1,500,000
Economic Development								
	0	230,000	230,000				230,000	0
Emergency Services								
Fire and EMS	5,812,101	6,840,778	192,910	1,395,608			1,588,518	11,084,361
Health and Social Services								
	0	793,740	693,740				693,740	100,000
Police Services								
	2,383,480	2,720,000	488,260	870,000			1,358,260	3,745,220
Public Works								
Buildings	3,208,150	3,024,500	1,940,850				1,940,850	4,291,800
Roads & Drainage	0	9,309,250	9,309,250				9,309,250	0
Municipal Road 35	0	3,050,000	3,050,000				3,050,000	0
Water	0	6,930,000	7,811,192	(881,192)			6,930,000	0
Wastewater	0	7,270,000	7,584,722	(314,722)			7,270,000	0
Solid Waste	0	1,780,000	1,020,000	760,000			1,780,000	0
Fleet and Equipment	4,157,000	7,157,000		3,000,000			3,000,000	8,314,000
Subtotal	7,365,150	38,520,750	30,716,014	2,564,086	0	0	33,280,100	12,605,900
2006 TOTAL:	\$27,761,570	\$84,249,608	\$35,504,845	\$5,065,694	\$0	\$1,050,000	\$41,620,539	\$70,390,639

2006 Citizen and Leisure Services Capital Projects - Libraries and Leisure

Project Description	Project Costs	FUNDING SOURCES			Unfinanced Project Costs
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	
		Other Recoveries			
<u>Library Projects</u>					
South Branch Expansion Phase III	\$325,000	\$200,000			\$125,000
Total project cost \$975,000 over 3 years (2004-2006)					
<u>Leisure Projects</u>					
Community Improvement Plans	\$200,000	\$200,000			
Neighbourhood Participation Projects	\$150,000	\$150,000			
Multi Pad/Sports Complex •includes 2 ice pads, sports fields, multi use rooms, fitness centre, swimming pool	\$25,000,000				\$25,000,000
Rotary Park Development Partnership with Rotary Clubs of Sudbury 50% each partner	\$100,000	\$50,000		\$50,000	
Land Acquisition/Trail Development •purchase lands necessary for community trail development	\$100,000	\$50,000			\$50,000
Recreation/Community Centre Upgrades	\$1,600,000	\$150,000			\$1,450,000

2006 Citizen and Leisure Services Capital Projects - Libraries and Leisure

FUNDING SOURCES

Project Description	FUNDING SOURCES					Unfinanced Project Costs	NOTES
	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries		
Playground Upgrades •purchase of new equipment •general landscaping •upgrades/outdoor rink/buildings	\$400,000	\$144,581				\$255,419	
Onaping Falls Pool •indoor swimming pool (re-piping entire pool system)	\$500,000					\$500,000	
Sports Fields/Facilities Enhancements	\$1,500,000	\$100,000				\$1,400,000	
SUBTOTAL GENERAL	\$29,200,000	\$494,581	\$0	\$0	\$50,000	\$28,655,419	
2006 GRAND TOTAL:	\$29,875,000	\$1,044,581	\$0	\$0	\$50,000	\$28,780,419	
3 YEAR TOTAL	\$43,415,000	\$3,133,742	\$125,000	\$25,000	\$150,000	\$39,981,258	

2006 Cemetery Services Capital Projects

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
Civic Memorial Mausoleum Phase III	\$1,000,000				\$1,000,000	\$0
Eyre/Anglican Retaining Wall	\$33,000		\$33,000			\$0
Lasalle Cemetery Fencing	\$8,000		\$8,000			\$0
Civic Memorial Fencing	\$15,000		\$15,000			\$0
2006 TOTAL:	\$1,056,000	\$0	\$56,000	\$0	\$1,000,000	\$0
3 YEAR TOTAL	\$1,392,000	\$0	\$392,000	\$0	\$1,000,000	\$0

2006 Transit Services Capital Projects

Project Description	Project Costs	FUNDING SOURCES				Unfinanced Project Costs
		Capital Envelope	Reserve Funds	Grants or Subsidies	Other Recoveries	
3 Bus Rebuilds	\$180,000		\$180,000			\$0
4 Replacement Buses	\$1,600,000	\$206,000				\$1,394,000
2006 TOTAL:	\$1,780,000	\$206,000	\$180,000	\$0	\$0	\$1,394,000
3 YEAR TOTAL	\$2,140,000	\$206,000	\$540,000	\$0	\$0	\$1,394,000

2006 Parking Section Capital Projects

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope			Reserves or Reserve Funds		Grants or Subsidies		Other Recoveries	Unfinanced Project Costs
		Capital Envelope	Reserve Funds	Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs			
Implementation of Downtown Parking Strategic Plan	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2006 TOTAL:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 YEAR TOTAL	\$390,000	\$0	\$390,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0

NOTES

During 2004 a Downtown Parking Strategic Plan was initiated. Recommendations and timelines for implementation will be incorporated into 2006 capital budget plans.

**CORPORATE SERVICES
2004 - 2006 CAPITAL BUDGET PROJECTS
2005 Corporate Services Capital Projects**

Project Description	Project Costs	FUNDING SOURCES			Unfinanced Project Costs	NOTES
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies		
<u>Corporate Infrastructure</u>						
Voice Communications						
Docutech						
Records Maintenance						
POA Court Facilities						
Contingencies	\$311,340	\$311,340			\$0	
<u>Information Technology</u>						
Replace Central Network Switch	\$102,000	\$102,000			\$0	
Geographic Information System	\$200,000				\$200,000	
Ortho-imagery and Mapping	\$300,000				\$300,000	
Subtotal	\$602,000	\$102,000	\$0	\$0	\$500,000	
<u>Community Support Projects</u>						
Sudbury Regional Hospital and Northeastern Ontario Cancer	\$1,000,000	\$1,000,000			\$0	
Other Support	\$295,000	\$295,000			\$0	
Subtotal	\$1,295,000	\$1,295,000	\$0	\$0	\$0	
2005 TOTAL:	\$2,208,340	\$1,708,340	\$0	\$0	\$500,000	

**ECONOMIC DEVELOPMENT
2004 - 2006 CAPITAL BUDGET PROJECTS**

2006 GSDC Capital Projects

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
<u>Contingent Commitments</u>							
Subury Neutrino Observatory Outreach and P.R. Campaign Year 5 of 5	\$25,000		\$25,000			\$0	
Deep Mining Research Consortium, Year 4 of 5	\$40,000		\$40,000			\$0	
Three Year Tourism Development Plan, Year 3 of 3	\$165,000		\$165,000			\$0	
2006 TOTAL:	\$230,000		\$230,000	\$0	\$0	\$0	

**EMERGENCY SERVICES DEPARTMENT
2004 - 2006 CAPITAL BUDGET PROJECTS
2006 Emergency Services Capital Projects**

Project Description	Project Costs	FUNDING SOURCES				Unfinanced Project Costs	NOTES	
		Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries			
Vehicles								
Pumper 11	\$375,000		\$410,958			-\$35,958	Represents Contribution to Equipment Reserve Fund	
Pumper 19	\$375,000					\$375,000		
Pumper 25	\$375,000					\$375,000		
Tanker 9	\$185,000					\$185,000		
Ambulance 5184	\$113,000		\$113,000			\$0		
Ambulance 5223	\$113,000		\$113,000			\$0		
Ambulance 5225	\$113,000		\$113,000			\$0		
Ambulance 5226	\$113,000		\$113,000			\$0		
Ambulance 5228	\$113,000		\$113,000			\$0		
Ambulance 5251	\$113,000		\$113,000			\$0		
Ambulance 5253	\$113,000		\$113,000			\$0		
Vehicle 5008	\$35,000		\$35,000			\$0		
TOTAL:	\$2,136,000	\$0	\$1,236,958	\$0	\$0	\$899,042		
Equipment								
SCBA	\$100,000					\$100,000		
Forestry Pumps	\$7,558					\$7,558		
Stationary Generators	\$26,500					\$26,500		
Portable Generators	\$7,957					\$7,957		
4" Gate Valve	\$2,971					\$2,971		
Lanterns	\$1,504					\$1,504		
Suction Strainer	\$1,219					\$1,219		
Heavy Hydraulics	\$31,827					\$31,827		
Hand Tools	\$10,600					\$10,600		
45 mm Hose	\$16,405					\$16,405		
100 mm Hose	\$18,147					\$18,147		
Nozzles	\$17,261					\$17,261		
Leather Boots	\$26,500					\$26,500		
Immersion Suits	\$6,583					\$6,583		
Foam Eductors	\$8,186					\$8,186		
4 new Defibrillators	\$117,000		\$117,000			\$0		
Defibrillator Equipment	\$21,150		\$21,150			\$0		
Proflex Stretcher @ 5	\$20,500		\$20,500			\$0		
TOTAL:	\$441,868	\$0	\$158,650	\$0	\$0	\$283,218		

**EMERGENCY SERVICES DEPARTMENT
2004 - 2006 CAPITAL BUDGET PROJECTS**

2006 Emergency Services Capital Projects

Project Description	Project Costs	FUNDING SOURCES				Unfinanced Project Costs	NOTES
		Capital Envelope	Reserve Funds	Grants or Subsidies	Other Recoveries		
Project List							
Bunker Gear - career staff	\$55,909	\$55,909				\$0	
Training - AlerTech	\$56,244	\$56,244				\$0	
Thermal Imaging Camera	\$29,714	\$29,714				\$0	
Portable Radios	\$16,979	\$16,979				\$0	
Pagers	\$22,922	\$22,922				\$0	
Opticoms	\$11,142	\$11,142				\$0	
EP Guidebook	\$70,000					\$70,000	
TOTAL:	\$262,910	\$192,910				\$70,000	
Facilities							
Joint EMS/Fire Headquarters	\$4,000,000					\$4,000,000	
TOTAL:	\$4,000,000					\$4,000,000	
2006 GRAND TOTAL:	\$6,840,778	\$192,910	\$1,395,608	\$0	\$0	\$5,252,260	

**HEALTH AND SOCIAL SERVICES DEPARTMENT
2004 - 2006 CAPITAL BUDGET PROJECTS**

2006 Capital Projects

FUNDING SOURCES						
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Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
Pioneer Manor							
Capital Redevelopment	\$693,740	\$693,740				\$0	
Children Services							
Day Care Repairs	\$100,000					\$100,000	Matching funds for non-profit agencies to repair or replace aging child care facilities
TOTAL:	\$793,740	\$693,740	\$0	\$0	\$0	\$100,000	

Greater Sudbury Police Service
2004 - 2006 CAPITAL BUDGET PROJECTS

2006 Police Services Capital Projects

FUNDING SOURCES

Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs	NOTES
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Vehicles

22 Marked Patrol Vehicles	\$640,000		\$640,000 ¹				¹ Police Equipment Reserve
8 Unmarked Vehicles	\$230,000		\$230,000 ¹				
Command Post	\$350,000					\$350,000	² Mobile Command Post to be shared with Police, Fire, EMS

TOTAL: \$1,220,000 \$0 \$870,000 \$0 \$0 \$350,000

Mobile Data	\$685,000	\$423,260				\$261,740	
Specialty Unit/Enforcement Supplies	\$20,000	\$20,000					
Automation	\$20,000	\$20,000					
Leasehold Improvements	\$5,000	\$5,000					
Security/Camera System	\$20,000	\$20,000					
Communications							
Communications Reserve	\$750,000					\$750,000	

TOTAL: \$1,500,000 \$488,260 \$0 \$0 \$0 \$1,011,740

2006 GRAND TOTAL: \$2,720,000 \$488,260 \$870,000 \$0 \$0 \$1,361,740

**PUBLIC WORKS DIVISION
BUILDING & FACILITIES SECTION
2004 - 2006 CAPITAL BUDGET PROJECTS
2006 Building & Facilities Capital Projects**

FUNDING SOURCES

Location	Project Description	Project Costs	Capital Envelope	FUNDING SOURCES		
				Reserve Funds	Grants or Subsidies	Other Recoveries
						Unfinanced Project Costs
<u>Building Conservation</u>						
Tom Davies Community Centre & Arena	dehumidifiers / ventilation (2) units	\$ 30,000				
Tom Davies Community Centre & Arena	compressors	\$ 40,000				
Centennial Arena	electrical accommodations / special events	\$ 7,500				
Raymonde Plourde Arena	shelter for generator	\$ 20,000				
Cambrian Arena	hall-windows	\$ 50,000				
Cambrian Arena	canteen improvements	\$ 10,000				
Cambrian Arena	ventilation dress - rooms	\$ 5,000				
Cambrian Arena	dehumidifier replacement	\$ 15,000				
Centre Lionel E. Lalonde Centre	metal roof retrofit	\$ 150,000				
Countryside Arena	windows / exterior shell preservation	\$ 60,000				
Countryside Arena	electrical accommodations / special events	\$ 5,000				
Countryside Arena	concession upgrades	\$ 10,000				
McClelland Arena	condenser	\$ 35,000				
McClelland Arena	concession upgrades	\$ 10,000				
Sudbury Community Centre / Arena	external repairs to brick / parging	\$ 30,000				
Sudbury Community Centre / Arena	compressors Phase 2	\$ 90,000				
Sudbury Community Centre / Arena	handicap access / elevator	\$ 80,000				
Chelmsford Arena	upstairs hall - replace windows	\$ 25,000				
Chelmsford Arena	canopy @ exterior doorway	\$ 8,000				
Chelmsford Arena	overhead door Zamboni room	\$ 5,000				
Chelmsford Arena	upstairs hall - washroom improvements	\$ 10,000				
Chelmsford Arena	Parking Lot upgrade south side	\$ 5,000				
Chelmsford Arena	upstairs hall - replace flooring	\$ 15,000				
Dr. Leclair Community Centre & Arena	Dr. Leclair hall - heating / air equipment	\$ 40,000				
Dr. Leclair Community Centre & Arena	shower floor / doors & frames	\$ 20,000				
I.J. Coady Memorial Arena	flooring, rubber in hallway	\$ 10,000				
I.J. Coady Memorial Arena	canteen upgrade	\$ 10,000				
Coniston Arena / Community Centre	parking lot improvements	\$ 25,000				
Garson Arena / Community Centre	replace chiller	\$ 35,000				
Garson Arena / Community Centre	replace lobby glass facing rink	\$ 8,000				
Capreol Community Centre & Arena	metal roof retrofit (rink #1)	\$ 100,000				
Various Locations	TSSA / oil tank / ice melting pits	\$ 40,000				
Lively Citizen Service Centre / Library	800 sf expansion	\$ 150,000				
Walden Citizen Service Centre / Library	heating / cooling system improvement	\$ 30,000				
Walden Citizen Service Centre / Library	washrooms (Youth Centre)	\$ 15,000				
Copper Cliff Centennial Library	re-roof	\$ 65,000				
Bennet W. Moxam Community Centre	improvements to main entrance	\$ 15,000				
Naughton Community Centre	roofing	\$ 40,000				

**PUBLIC WORKS DIVISION
BUILDING & FACILITIES SECTION
2004 - 2006 CAPITAL BUDGET PROJECTS**

2006 Building & Facilities Capital Projects

FUNDING SOURCES

Location	Project Description	Project Costs	Capital Envelope	FUNDING SOURCES		
				Reserve Funds	Grants or Subsidies	Other Recoveries
						Unfinanced Project Costs
Howard Armstrong Recreation Centre	building shell repairs - Phase 3	\$ 300,000				
Onaping Community Centre / Pool	replace pool pump / filter	\$ 15,000				
Falconbridge Community Centre	heating system - furnace	\$ 35,000				
Economic Development / Other-Variou	mechanical - various locations	\$ 50,000				
Beaver Lake Fire Hall Garage	insulation / energy retrofit	\$ 40,000				
Capreol Fire Hall	* Council Resolution # 2003-288	\$ 10,000				
Capreol Garage / Fire Department	renovations, Fire / Ambulance	\$ 250,000				
Hammer / Garson / Dowling Stations	roofing - various; subject to inspection	\$ 60,000				
Lourdes School Archive Building	doors / hardware	\$ 15,000				
Valley East Health Clinic - Town Hall	washroom upgrade (basement)	\$ 20,000				
Flelding Memorial Park Building	air conditioning system	\$ 25,000				
Flelding Memorial Park Building	electrical upgrade	\$ 5,000				
Lively Tennis Centre Building - Rink	door / window replacement	\$ 5,000				
Simon Lake Park multi-use building	shingle replacement soffit / fascia	\$ 10,000				
Various Studies / Reports	Ontario Disabilities Act - barrier free	\$ 75,000				
Sunnyside Playground Centre	shell improvements / cladding	\$ 20,000				
Bell Park Changehouse / Washrooms	re-roof	\$ 50,000				
Bell Park Concession Building	re-roof	\$ 15,000				
Bell Park Lifeguard Building	re-roofing	\$ 10,000				
Little Britain Tot Lot Fieldhouse	re-roof / soffit / fascia	\$ 15,000				
White Water Lake Park	canopy / shelter - concrete floor repairs	\$ 15,000				
Gatchell Pool	replace pool blanket	\$ 8,000				
Nickel District Pool	pool blanket	\$ 8,000				
Nickel District Pool	change rooms, lockers	\$ 15,000				
Public Works Facilities - various locations	* Council Resolution # 2003-288	\$ 50,000				
Public Works Facilities - various locations	Roofing - various locations	\$ 50,000				
Kathleen St. Facility	Overhead Door	\$ 10,000				
St. Clair Public Works Office / Garage	garage lighting upgrade / paint	\$ 45,000				
Levack Municipal Building	windows & doors	\$ 10,000				
Nickel Centre Equipment Depot	replace - 2 overhead doors	\$ 15,000				
Nickel Centre Garage / Storage	replace - 2 overhead doors	\$ 15,000				
Sudbury Transit Garage	heating / suspended heaters - various	\$ 20,000				
Sudbury Transit Garage	electrical upgrade	\$ 20,000				
Sudbury Transit Garage	Roof "A" - Tar & Chip Roof	\$ 50,000				
Asbestos Audit	Asbestos Audits - various locations	\$ 50,000				
Contingency	unexpected failures / breakdowns	\$ 250,000				
Various Studies / Reports	specialized reports / studies	\$ 50,000.00				

TOTAL 2006 \$3,024,500 \$1,940,850 \$1,083,650

**PUBLIC WORKS DIVISION
ROADS & DRAINAGE
2004 - 2006 CAPITAL BUDGET PROJECTS**

2006 Roads & Drainage Capital Projects

FUNDING SOURCES

Project	Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
<u>Structures</u>							
MR 63 College Street Phase II	Underpass Improvements and Road Work	\$ 1,900,000	\$ 1,900,000				
MR 96 Desmarais Road	Bridge Rehabilitation	\$ 500,000	\$ 500,000				
Culvert Replacement	Various	\$ 100,000	\$ 100,000				
Engineering Consultants	Structural Investigations	\$ 200,000	\$ 200,000				
<u>Storm Drainage Improvements</u>							
Struthers/Whittaker Phase II	Storm Sewer Outlet	\$ 250,000	\$ 250,000				
Fourth Avenue	Storm Sewer Outlet	\$ 150,000	\$ 150,000				
Eastern Avenue/A Street	Replace/Upgrade East Storm Sewer	\$ 400,000	\$ 400,000				
Spot Improvements Drainage Studies	Various	\$ 150,000	\$ 150,000				
<u>Sidewalks & Walkways</u>							
Falcon	Cote to Edward	\$ 30,000	\$ 30,000				
Morris	Annie to Landmark Entrance	\$ 45,000	\$ 45,000				
Poplar	First to Fourth	\$ 85,000	\$ 85,000				
MR 24	MR 55 to Jacobson	\$ 150,000	\$ 150,000				
Victoria	Gilman to Albinson, Phase II	\$ 100,000	\$ 100,000				
Pine	Elm to Berean Baptist Church	\$ 50,000	\$ 50,000				
Struthers	Regent to Whittaker	\$ 20,000	\$ 20,000				
Queen Elizabeth	9th to 6th	\$ 30,000	\$ 30,000				
Longyear	Parkinson to Hardy	\$ 30,000	\$ 30,000				
Onaping Falls	Various	\$ 30,000	\$ 30,000				
Gary	Madison Northerly	\$ 30,000	\$ 30,000				
Downtown	Lockstone Repair - Various	\$ 20,000	\$ 20,000				
Paraplegic Ramps	Various	\$ 30,000	\$ 30,000				

**PUBLIC WORKS DIVISION
ROADS & DRAINAGE
2004 - 2006 CAPITAL BUDGET PROJECTS**

2006 Roads & Drainage Capital Projects

FUNDING SOURCES

Project	Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
<u>New Street Lights</u>							
Telstar, Playground behind Houses		\$ 2,500	\$ 2,500				
Footpath, Dearbourne to Agincourt, House #1570		\$ 1,000	\$ 1,000				
Lane, East of Logan, North of Jane		\$ 3,700	\$ 3,700				
Vermillion Street, House #2417		\$ 1,300	\$ 1,300				
Lane, North of Jean,		\$ 5,300	\$ 5,300				
Between Eva and Antwerp							
Footpath, West of Atlee at		\$ 1,900	\$ 1,900				
Germell Intersection		\$ 1,500	\$ 1,500				
Footpath, Hebert to Wiltshire		\$ 3,600	\$ 3,600				
Footpath, Margaret to Garland		\$ 3,000	\$ 3,000				
Township of Dill, Cleland and Dryden							
<u>Roads</u>							
Kingsway	Four Lining, Falconbridge to By-Pass, Phase I	\$ 2,200,000	\$ 2,200,000				
Notre Dame Avenue	Kathleen Street to CNR Tracks Phase II	\$ 1,000,000	\$ 1,000,000				
Notre Dame Avenue	Spot	\$ 100,000	\$ 100,000				
Garson/Coniston	Spot	\$ 100,000	\$ 100,000				
Penage Lake Road	Spot	\$ 100,000	\$ 100,000				
Fielding Road	Spot	\$ 100,000	\$ 100,000				
Cobalt Street	Spot	\$ 50,000	\$ 50,000				
Falcon Street	Cote Avenue to Edward	\$ 50,000	\$ 50,000				
Morris Street	Spot	\$ 80,000	\$ 80,000				
Poplar	First to Fourth	\$ 60,000	\$ 60,000				
Spruce Street	Church to MR 89	\$ 80,000	\$ 80,000				
Laneways	Various	\$ 80,000	\$ 80,000				

PUBLIC WORKS DIVISION
ROADS & DRAINAGE
2004 - 2006 CAPITAL BUDGET PROJECTS
2006 Roads & Drainage Capital Projects

FUNDING SOURCES

Project	Project Description	Project Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
Other							
Crack sealing		\$ 100,000	\$ 100,000				
Traffic systems upgrades		\$ 170,000	\$ 170,000				
Street lights upgrades		\$ 175,000	\$ 175,000				
Contingencies and s&w works		\$540,450	\$ 540,450				
TOTAL ROADS AND DRAINAGE, 2006		\$ 9,309,250	\$ 9,309,250				

PUBLIC WORKS
2004 - 2006 CAPITAL BUDGET PROJECTS

2006 CAPITAL WATER PROJECTS

FUNDING SOURCES

PROJECT DESCRIPTION	PROJECT COSTS	CAPITAL ENVELOPE	RESERVES AND RESERVE FUNDS	GRANTS SUBSIDIES	OTHER RECOVERIES	UNFINANCED COSTS
Robinson - Ascott to Kelly Lake - 12"	\$700,000					
Selwood - Dennie to Stull (Fire flow and freezing services)	750,000					
Bouchard - Regent to Southview - 16" (# 5 by break rate)	400,000					
Marcel - Martindale to Nesbitt	300,000					
MR24 Lively - 3rd to 10th - 12" and services on Queen Elizabeth St.	650,000					
Operating Manuals	200,000					
Water Upgrade with road program	200,000					
Long Lake Road - Ester to Harrison -24" (with road program and to loop mains)	450,000					
Wanapitae WTP upgrades	1,000,000					
Groundwater protection	500,000					
Abandon well no 6 Capreol	300,000					
Energy management	50,000					
Plant security	250,000					
Communication systems upgrade	200,000					
New Valley well and pumphouse	300,000					
Well and pump rehabilitations	250,000					
Scada upgrades	100,000					
Operating manuals and as-builts	100,000					
Contingencies	230,000					
TOTAL WATER, 2006	\$6,930,000	\$7,811,192.00	-\$881,192.00	\$0	\$0	\$0

PUBLIC WORKS
2004 - 2006 CAPITAL BUDGET PROJECTS
2006 CAPITAL WASTEWATER PROJECTS

FUNDING SOURCES

PROJECT DESCRIPTION	PROJECT COSTS	CAPITAL ENVELOPE	RESERVES AND RESERVE FUNDS	GRANTS SUBSIDIES	OTHER RECOVERIES	UNFINANCED COSTS
South End Rock Tunnel	\$1,600,000					
New Sudbury Trunk Sewer	500,000					
Sewer Upgrade with road program	200,000					
Operating Manuals	200,000					
Lively WWTP expansion	1,850,000					
Chelmsford WWTP tertiary treatment	1,000,000					
Azilada WWTP expansion	1,000,000					
Sudbury WWTP replace 4 th clarifier	200,000					
Lift station upgrades	150,000					
Scada upgrades	150,000					
Operating manuals and as-builts	100,000					
Energy management	50,000					
Contingencies	270,000					
TOTAL WASTEWATER, 2006	\$7,270,000	\$7,584,722	-\$314,722	\$0	\$0	\$0

PUBLIC WORKS
 2004 - 2006 CAPITAL BUDGET PROJECTS
 2006 CAPITAL SOLID WASTE PROJECTS

FUNDING SOURCES

PROJECT	PROJECT DESCRIPTION	PROJECT COSTS	CAPITAL ENVELOPE	RESERVES AND RESERVES FUNDS	GRANTS SUBSIDIES	OTHER RECOVERIES	UNFINANCED COSTS
SUDBURY LANDFILL SITE	ACCESS ROAD	\$150,000					
HANMER LANDFILL SITE	CELL CLOSURE	1,450,000					
LITTER	NEW CONTAINERS	10,000					
MONITORING AND CONTINGENCIES	ALL SITES	170,000					
TOTAL 2006		\$1,780,000	\$1,020,000				\$760,000

PUBLIC WORKS DEPARTMENT

EQUIPMENT

PROPOSED 2005 AND 2006 EQUIPMENT REPLACEMENT PROGRAM

FUNDING SOURCES

VEHICLE TYPE	NO. OF UNITS	UNIT COST	Costs	Capital Envelope	Reserves or Reserve Funds	Grants or Subsidies	Other Recoveries	Unfinanced Project Costs
Snow Plows & Spreaders	25	\$ 200,000	\$ 5,000,000					
Sidewalk Plows & Spreaders	6	\$ 110,000	\$ 660,000					
Light Trucks	36	\$ 30,000	\$ 1,080,000					
1 Ton Trucks	19	\$ 38,000	\$ 722,000					
Dump Trucks	8	\$ 75,000	\$ 600,000					
Cars and Mini-Vans	3	\$ 22,000	\$ 66,000					
Earth Moving Equipment	25	\$ 135,000	\$ 3,375,000					
Ice Resurfacers	5	\$ 80,000	\$ 400,000					
Steamers	6	\$ 8,000	\$ 48,000					
Trailers	21	\$ 3,000	\$ 63,000					
Asphalt Equipment	1	\$ 60,000	\$ 60,000					
Grass Mowers	40	\$ 25,000	\$ 1,000,000					
Pumps, Generators, Tampers...	60	\$ 4,000	\$ 240,000					
Street Sweepers, Sewer Cleaners	4	\$ 250,000	\$ 1,000,000					
TOTAL 2005 to 2006			\$14,314,000.00		\$6,000,000.00			\$8,314,000.00
2005 estimate 50%			\$ 7,157,000		\$ 3,000,000			\$ 4,157,000
2006 estimate 50%			\$ 7,157,000		\$ 3,000,000			\$ 4,157,000

2006 Closed Recreation Facilities Capital Projects

FUNDING SOURCES

<u>Project Description</u>	<u>Project Costs</u>	<u>Capital Envelope</u>	<u>Reserves or Reserve Funds</u>	<u>Grants or Subsidies</u>	<u>Other Recoveries</u>	<u>Unfinanced Project Costs</u>
<u>Adanac Ski Hill</u>						
Rebuild Chalet	\$415,000					\$415,000
Including washroom upgrades						
Upgrade Parking Area	\$40,000					\$40,000
Upgrade Park Fencing	\$15,000					\$15,000
<u>R.G. Dow Pool</u>						
Coating/Sealing South Wall	\$20,000					\$20,000
Replace 2 Heat Exchangers	\$20,000					\$20,000
Replace Pool Filter Systems/Pumps	\$50,000					\$50,000
Pool Deck Repair and Replacement	\$10,000					\$10,000
Replace Pool Tank Heater System	\$15,000					\$15,000
<u>Falconbridge Arena</u>						
Ventilation Upgrades	\$65,000					\$65,000
Chiller Replacement	\$35,000					\$35,000
<u>Barrydowne Arena</u>						
Roof Repairs/Coating	\$30,000					\$30,000
2006 TOTAL:	\$715,000	\$0	\$0	\$0	\$0	\$715,000
3 YEAR TOTAL	\$2,621,000	\$0	\$409,057	\$0	\$0	\$2,211,943

Correspondence for Information

Request for Recommendation Finance Committee



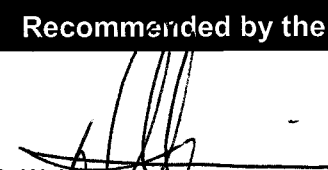
Type of Decision									
Meeting Date	January 24, 2004				Report Date	January 22, 2004			
Decision Requested		Yes	<input checked="" type="checkbox"/>	No	Priority	<input checked="" type="checkbox"/>	High		Low
	Direction Only				Type of Meeting	<input checked="" type="checkbox"/>	Open		Closed

Report Title
2004 Area Rating

Policy Implication + Budget Impact	
<input checked="" type="checkbox"/>	This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified.
N/A	
<input checked="" type="checkbox"/>	Background Attached

Recommendation
FOR INFORMATION ONLY
Recommendation Continued

Recommended by the General Manager



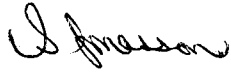
D. Wukosinic
General Manager of Corporate Services

Recommended by the C.A.O.



M. Mieto
Chief Administrative Officer

Report Prepared By



S. Jonasson
Director of Finance/City Treasurer

Division Review

S. Jonasson
Director of Finance/City Treasurer

At the December 18th Finance Meeting, Councillor Dupuis requested that a presentation be made to Council on subject of Area Rating. This report accompanies the presentation which will be made to the Finance Committee on January 24th, 2004 as part of the 2004 budget process.

History

Area rating was introduced to the City of Greater Sudbury at the time of amalgamation. Section 15 of The City of Greater Sudbury Act 1999 laid out the rules and permitted area rating relating to:

- special services applicable to "old" municipalities
- assets and liabilities of the "old" municipalities, and
- for five specific services, namely
 - the supply and distribution of water,
 - the collection and disposal of sewage,
 - street lighting,
 - fire protection and prevention, and
 - public transportation, other than highways

Because area rating is complex and also difficult to administer, it is not a decision that a municipality wants to make without a lot of thought and review. For many good reasons, area rating under the first two scenarios was not introduced at the time of amalgamation (i.e. minimal service level differences between municipalities were harmonized, no substantial differences in assets and liabilities). These decisions cannot be revisited and therefore this report will only address the decisions around the area rating of the five services listed above and specifically the area rating of fire and transportation which was introduced due to the varied service levels offered by the former area municipalities.

Five Specific Services

Water and Wastewater

Both water and wastewater services were regional responsibilities prior to amalgamation and although these services were offered region-wide, not everyone received them. For a number of years all water costs and 30 percent of wastewater costs had been recovered through user fees and therefore area rating was not considered for these services. In 2001, the City moved to full cost recovery of both water and wastewater services and adjusted rates accordingly so that only those receiving the services paid for them.

Street lighting

Area rating was not considered for street lighting as the cost of this service was nominal as compared to other services and there did not seem to be major service level issues that needed to be addressed.

Fire Protection and Prevention

Prior to amalgamation, fire services levels were considerably different throughout the seven former area municipalities and the former unorganized area. It was not possible to harmonize service levels without increasing the budget by about \$20 million, nor was it felt necessary to have career level service throughout the newly created City of Greater Sudbury (CGS). In order to recognize the differing levels of service and also maintain the same relative tax position for this service, area rating was adopted. Therefore three distinct areas were recognized,

- Career - the former City of Sudbury area which was predominantly serviced by full time career firefighters supplemented marginally by volunteer forces,
- Composite - the former City of Valley East area which was serviced by both full time career firefighters and volunteer forces, and
- Volunteer - all other areas of the new CGS including the former unorganized areas which were serviced by volunteers forces only.

Public Transportation

Prior to amalgamation, public transportation service levels (transit and transportation for the disabled) were considerably different from one municipality to another. Again, it was not possible to harmonize service levels without increasing the budget by millions of dollars. In fact, the cost to harmonize this service was even higher than the cost of harmonizing fire services. The six smaller area municipalities had differing levels of service and there was no service in Onaping Falls. At the time of amalgamation, the decision was made to harmonize the service throughout the six smaller area municipalities and apply one area rate to them, and have another area rate for the former City of Sudbury area which had a much higher service level. The former unorganized area had no service and therefore was not required to pay for this service. Two area rates established were:

- Commuter - all lower tier municipalities except the former City of Sudbury and excluding the former unorganized areas (Service along major arteries, weekday service level between 6 - 8 trips daily)
- Urban - former City of Sudbury (More frequent service with higher number of trips and service along both main arteries and some residential streets)

Date: January 22, 2004

Area Rated Services

The following describes how fire protection and prevention costs and public transportation costs are area rated.

Fire Protection and Prevention***2004 Area Rating***

Fire service costs include both base costs and direct suppression costs. The base costs include costs of administration, facilities and apparatus, public education and prevention. Because these costs are common to all areas, they are allocated to each of the fire service areas on the basis of weighted assessment. The direct suppression costs plus the allocated base costs determine the costs for each of the areas. The following chart illustrates the costs and taxes for each of the three service areas using preliminary 2004 budgets and preliminary 2004 assessments.

	Career \$	Composite \$	Volunteer \$	Total \$
Base Costs	2,993,165	501,271	1,325,475	4,819,911
Direct Suppression Costs	7,680,248	1,100,844	982,800	9,763,892
Total Costs	10,673,413	1,602,115	2,308,275	14,583,803
Weighted Assessment	5,575,109,743	953,000,809	2,403,066,229	8,931,176,781
Fire Tax Rate	.0019145	.0016811	.0009606	<i>.0016329</i>
Taxes (\$100,000 home)	191.45	168.11	96.06	<i>163.29</i>

Note the different tax levels in each of the areas in recognition of the differing service levels. Also note the last column which illustrates in italics what the uniform tax rate would be if there was no area rating. If a uniform tax rate were used at existing service levels, then the volunteer area would see a substantial increase in taxes while the career area would see a moderate drop in taxes with the composite area remaining relatively the same.

Future Service Levels and Area Rating Changes

Over the next year, there will be a number of changes made to the way fire services are delivered in order to ensure that the key principles in the delivery of emergency services are met. One of the objectives is that the closest/fastest and most appropriate emergency services resource be dispatched to the emergency, in the interests of public safety. For example, this will mean that the New Sudbury fire station will serve as first and second response to the community of Garson, and the Minnow Lake station will serve as first and second response to the community of Coniston. The service levels in these two communities will improve without any increase in costs. These changes and others will require a change to the area rating calculation. Thus the career rate would be extended over a larger area, probably resulting in a slight reduction in the career rate and a slight increase in the volunteer rate. Currently area rating is along old municipal boundaries, however new boundaries will have to be drawn to reflect the higher level of service such as those that will be seen in the Coniston and Garson areas and new area rates will have to be calculated.

In addition, the finalization of the master fire plan will be presented to Council in the spring after the 2004 budget is finalized and any resulting changes in service levels will require a review of area rating. One of the improvements being considered in the master fire plan is an increase of 10 full time firefighters in the Valley area. We emphasize that the master fire plan assessment is still underway and that at this time this is but a possible consideration - not a recommendation. Nevertheless, if recommended and subsequently approved by City Council, this would increase suppression service levels in this area to on site first unit response by a 4 person crew, 24 hours a day, seven days a week. Increased operating costs associated with this service level are estimated at \$1 million annually. The following chart shows the impact of these increased costs on the composite rate.

	Career \$	Composite \$	Volunteer \$	Total \$
Total Costs	10,673,413	2,602,115	2,308,275	15,583,803
Weighted Assessment	5,575,109,743	953,000,809	2,403,066,229	8,931,176,781
Fire Tax Rate	.0019145	.0027304	.0009606	.0017449
Taxes (\$100,000 home)	191.45	273.04	96.06	174.49

The fire rate in the Valley area would increase to considerably more than that in the former City of Sudbury area, and with a lesser but somewhat comparable service level. Therefore it would be appropriate to redefine the definition of the Career area to "suppression services offered 24 hours, seven days a week with first response by a 4 person crew manned by full time firefighters". This would allow for the harmonization of the career and composite area rates into one new career rate.

This next chart shows what would happen if the Career and Composite rates were melded into one new Career rate so that only two area rates would exist - a new career rate and the existing volunteer rate.

	New Career \$	Composite \$	Volunteer \$	Total \$
Total Costs	13,275,528	n/a	2,308,275	15,583,803
Weighted Assessment	6,528,110,552	n/a	2,403,066,229	8,931,176,781
Fire Tax Rate	.0020336	n/a	.0009606	.0017449
Taxes (\$100,000 home)	203.36	n/a	96.06	174.49

Note that the taxes in the former City of Sudbury area would go up somewhat as the assessment base in this area shares in the increased costs.

Public Transportation

2004 Area Rating

Transit costs and costs relating to transportation for the disabled are area rated in order to respect the differing levels of service in the City. Transit costs are allocated on a formula based on service hours provided and kilometers traveled. The 2004 allocation is 82 percent to the urban area and 18 percent to the commuter area. Transportation for the disabled costs are allocated based on net costs in each of the 2 service areas. The area rating boundaries follow the former area municipal boundaries.

The following chart illustrates the costs and taxes for public transportation for both service areas, using preliminary 2004 budget numbers and preliminary assessments.

	Urban \$	Commuter \$	Total \$
Transit	4,763,961	1,045,747	5,809,708
Transportation for the Disabled	955,240	641,070	1,596,310
Total Costs	5,719,201	1,686,817	7,406,018
Weighted Assessment	5,575,109,743	3,291,025,965	8,866,135,708
Tax Rate	.0010258	.0005126	<i>.0008353</i>
Taxes (\$100,000 home)	102.58	51.26	<i>83.53</i>

The last column which shows in italics what the tax rate would be if this service was maintained at existing levels but was no longer area rated. Also note that the former unorganized area does not pay for transportation services as it does not receive these services. Just as with fire protection and prevention, as service levels change, there may be a need to revisit how area rates are calculated. If this service was not area rated, there would be additional demands for increased service.

Summary

Area rating was introduced at the time of amalgamation in order to recognize the significant differences in levels of fire and transportation services in the former area municipalities and former unorganized areas. As the City evolves and service levels change, so will area rating. As service levels are harmonized, then area rates will be harmonized and where existing services are extended across old municipal boundaries, the area rating boundaries will be modified as well.

Request for Recommendation Finance Committee




Type of Decision									
Meeting Date	January 24, 2004			Report Date	January 22, 2004				
Decision Requested		Yes	<input checked="" type="checkbox"/>	No	Priority	<input checked="" type="checkbox"/>	High	<input type="checkbox"/>	Low
	Direction Only			Type of Meeting	<input checked="" type="checkbox"/>	Open	<input type="checkbox"/>	Closed	

Report Title
Assessment Growth versus Market Valuation Change

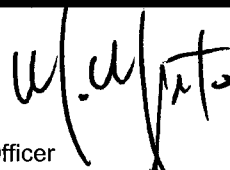
Policy Implication + Budget Impact	
<input checked="" type="checkbox"/>	This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified.
<input checked="" type="checkbox"/>	Background Attached

Recommendation
FOR INFORMATION ONLY
Recommendation Continued

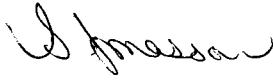
Recommended by the General Manager


 D. Wukosinic
 General Manager of Corporate Services

Recommended by the C.A.O.


 M. Mieto
 Chief Administrative Officer

Report Prepared By



S. Jonasson
Director of Finance / City Treasurer

Division Review

S. Jonasson
Director of Finance / City Treasurer

BACKGROUND

This report has been prepared to assist Council in understanding some of the issues relating to assessment, specifically the difference between assessment growth and market valuation change, and what each means to the City of Greater Sudbury.

City of Greater Sudbury Assessment Growth versus Market Valuation Change

Assessment Growth

Over the last number of years, the assessment growth in the City of Greater Sudbury has been relatively flat. This has been of concern to the City as assessment growth is seen as an indicator of a healthy community. Assessment growth represents the net increase in numbers of homes and business facilities and the expansion of facilities; and increases in assessment suggest that a community is growing. The following shows the assessment growth in the City of Greater Sudbury for the last number of years . The 2004 assessment growth is the highest it has been in a number of years.

Year	1996	1997	1998	1999*	2000	2001	2002	2003	2004*
Assessment Growth (Loss) %	0.57	0.54	0.65	0.77	0.28	0.40	-0.10	0.33	0.78

* 1999 growth artificially high due to introduction of provincial vacancy rebate program; 2004 growth based on MPAC data to October, 2003

Assessment growth is important to a municipality as it allows for an increase in the levy without an increase in the tax rate. For example, if a municipality has a one percent increase in its levy and a one percent growth in assessment, it can raise additional tax revenue without increasing taxes per se. In our City, the .78 percent assessment growth in 2004 is worth \$1 million. In other words, the 2004 levy can be \$1 million more than last year's levy without affecting taxes.

Market Valuation Change

2004 was also a reassessment year. Properties were reassessed by the Municipal Property Assessment Corporation (MPAC), to reflect June 2003 market values. These values are used to develop the returned roll which is used for 2004 taxation purposes. Preliminary estimates indicate that the City's market valuation change is 3.2 percent as outlined in the chart that follows. Market values of properties have changed such that the weighted assessment has increased by 3.2 percent. In comparison, in 2003 the market valuation change was a reduction of 3.6 percent. Although the increase in market values is a positive indicator to the community, it is not the same thing as assessment growth. What it does mean though, is that on average, properties have increased in value since the last reassessment.

Market Valuation Change (000)			
Class	2003 Weighted Assessment \$	2004 Weighted Assessment \$	Valuation Change %
Residential	5,380,233	5,576,949	3.7
Multi-residential	686,428	669,729	-2.4
Commercial	1,672,413	1,757,146	5.1
Industrial	318,759	313,576	-1.6
Large Industrial	541,286	563,466	4.1
Pipelines	47,677	46,046	-3.4
Farmland	2,227	2,518	13.1
Managed Forest	3,676	1,747	-52.5
Total	8,652,699	8,931,177	3.2

What is important to note is that the assessment growth of .8 percent is included in the valuation change of 3.2 percent. Now that we have reassessments every year it is not easy for Council or the public to see the municipality's assessment growth. Before 1998, assessment was easy to measure and in reassessment years, MPAC provided municipalities with assessment growth data. Since the move to market value assessment, municipalities have had to extract this information from the assessment data - a difficult job as the information is not readily available.

Hypothetical Example of Assessment Growth versus Market Valuation Change

The following sections of this report show the differences in assessment growth and valuation change using very simple examples. It assumes a "municipality called Tiny" with a municipal levy of \$10,000 and only 4 residential units initially, then growing to 5 units in Year 2. It demonstrates the impact of growth and market valuation change on each of the properties, the tax rate and the municipal levy.

Assessment Growth

This chart shows 4 units with a total assessment of \$500,000 and a total municipal levy of \$10,000 in year 1. The tax rate is determined by dividing the levy by the total assessment. In year 2 there is an additional unit with a value of \$20,000. If the tax rate remains at .02, the municipality can raise an additional \$400 or 4 percent because of the \$20,000 growth in assessment. Note that there has been no change in taxes for the first 4 units.

"Tiny" Municipality

	Year 1			Year 2		
Unit	Assessed Value	Tax Rate	Taxes/Levy	Assessed Value	Tax Rate	Taxes/Levy
1	100,000	0.02	2,000	100,000	0.02	2,000
2	120,000	0.02	2,400	120,000	0.02	2,400
3	80,000	0.02	1,600	80,000	0.02	1,600
4	200,000	0.02	4,000	200,000	0.02	4,000
5				20,000	0.02	400
Total	500,000		10,000	520,000		10,400

Market Valuation Change

Using the same four residential units as in the first example, the following chart demonstrates what happens when there are changes in value as a result of reassessment but no additional growth.

"Tiny" Municipality

	Year 1			Year 2		
Unit	Assessed Value	Tax Rate	Taxes/Levy	Assessed Value	Tax Rate	Taxes/Levy
1	100,000	0.02	2,000	115,000	0.0185	2,130
2	120,000	0.02	2,400	110,000	0.0185	2,035
3	80,000	0.02	1,600	85,000	0.0185	1,575
4	200,000	0.02	4,000	230,000	0.0185	4,260
Total	500,000		10,000	540,000		10,000

Even though there has been an 8 percent increase in values, there has been no assessment growth. There are no new units. A lower tax rate is calculated and the municipality collects the same levy as before. There is no new money for the municipality. Even though the municipality is collecting the same amount in total, the amount of tax paid by each residential unit is different than before due to the reassessment.

Assessment Growth and Market Valuation Change

This next chart illustrates the impact of both a change in valuation and an increase in assessment growth by combining both into one chart. It demonstrates the assessment growth and revenue that results from the additional unit.

"Tiny" Municipality

	Year 1			Year 2		
Unit	Assessed Value	Tax Rate	Taxes/Levy	Assessed Value	Tax Rate	Taxes/Levy
1	100,000	0.02	2,000	115,000	0.0185	2,130
2	120,000	0.02	2,400	110,000	0.0185	2,035
3	80,000	0.02	1,600	85,000	0.0185	1,575
4	200,000	0.02	4,000	230,000	0.0185	4,260
5*				21,600	0.0185	400
Total	500,000		10,000	561,600		10,400

* for simplicity assumes market value increase of 8% in new unit as well

The market value change is now 12.3 percent and it is made up of 4 percent real growth and 8.3 percent in market valuation change. The growth provides the municipality with additional revenue, however the market valuation change just redistributes the existing tax levy among the same ratepayers.

Other Assessment Issues

Properties are now being reassessed every year and so from now on (unless the Province changes the reassessment rules), the assessment rolls returned to municipalities will be a combination of valuation changes and pure assessment growth or loss. It will be up to municipalities to determine how much of the change relates to growth in order to calculate its value to the municipality.

There are many other assessment and tax issues that could be included in this report however the complexities of tax policy would only create confusion, so more information on tax policy will be provided at a later date. The one other issue that is important to know, is that legislation now allows a municipality to set its tax rate on a revised roll, as opposed to the returned roll. Municipalities are not happy with the quality of the rolls being returned by MPAC. Due to the number of errors in the assessment roll, for the last 2 years the City has chosen to set tax rates on the revised roll in order to work with MPAC to correct as many errors as possible before tax rates are set. This is a huge undertaking and is currently underway. The protection of the assessment base is a growing concern for many municipalities and therefore we have retained a property tax agent to assist with a number of assessment issues, of which the correction of errors on the assessment roll is only one. Other issues of concern are appealing properties and preparing for Assessment Review Board Hearings to both defend and challenge valuations and seek out new revenue sources from increased or missed assessment.

In March or April when Council is ready to set tax rates, the assessment valuation numbers may be marginally different than they are today, due to the corrections being made to the roll at this time.

Summary

In summary, the City's returned roll indicates a 3.2 percent increase in market valuation. Included in this change is .78 percent real growth representing \$1 million in revenue. Both of these increases can be viewed as positive, especially in comparison to the limited assessment growth of .33 percent and negative market valuation change of 3.6 percent in 2003.

Request for Recommendation Finance Committee

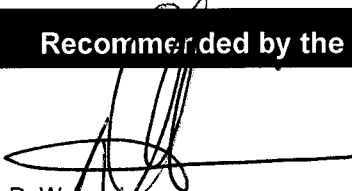


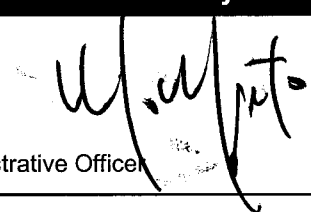
Type of Decision									
Meeting Date	January 24, 2004				Report Date	January 22, 2004			
Decision Requested		Yes	<input checked="" type="checkbox"/>	No	Priority	<input checked="" type="checkbox"/>	High		Low
	Direction Only				Type of Meeting	<input checked="" type="checkbox"/>	Open		Closed

Report Title
Full Cost Recovery of Water and Wastewater Services

Policy Implication + Budget Impact	
<input checked="" type="checkbox"/>	This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified.
<input checked="" type="checkbox"/>	Background Attached

Recommendation
FOR INFORMATION ONLY
Recommendation Continued

Recommended by the General Manager
 D. Wuksong General Manager of Corporate Services

Recommended by the C.A.O.
 M. Mieto Chief Administrative Officer

Date: January 22, 2004

Report Prepared By



S. Jonasson
Director of Finance / City Treasurer

Division Review

S. Jonasson
Director of Finance / City Treasurer

BACKGROUND

This report has been prepared to provide background information on the City's water and wastewater cost recovery policy as many of the new Councillors may not be familiar with the details of this policy. For those Councillors that are familiar with the policy, this report will serve as an update.

In 2001, the City of Greater Sudbury adopted a full cost recovery system for water and wastewater services. This report provides some background information on this major policy decision.

Rationale for Full Cost Recovery System

The move to a full cost recovery system has many benefits for taxpayers and property owners including:

- fairness - only those residents that have water or wastewater services pay for them (prior to the full cost recovery system, there were 17% of residents that did not have wastewater services at all and paid for this service through their property tax bill),
- conservation - with 70% of wastewater costs on the property tax bill, residents were unaware of the true cost of this service; the implementation of a full cost recovery system, has made residents aware of the cost of the service and has increased the motivation to conserve water,
- accessibility to grants - the Province of Ontario indicated that municipalities would qualify for funding assistance for water and wastewater projects only if they had full cost recovery systems in place. Since the implementation of the full cost recovery system, the City has received provincial and federal grants totaling \$13.3 million for the David Street water project and provincial grants totaling \$8.4 million for the South End sewer project,
- ease of implementation - the use of a full recovery system based on water consumption is less complex and more understandable than using area rating as a means to collect this revenue.

Date: January 22, 2004

Water/Wastewater Study

For a number of years prior to amalgamation, water costs had been fully recovered through user fees; however only 30 percent of wastewater costs were recovered through user fees and this change was only introduced in the late nineties. The Transition Board recommended that the City of Greater Sudbury move to full cost recovery of wastewater services. In 2001, Council authorized a water/wastewater study to develop an appropriate and equitable rate structure which would fully recover the costs of both water and wastewater services. The study included the following:

- a review of the existing water rate system (both service charge and consumption charge)
- a review of the City's customer base (residential, commercial and industrial)
- the use of block rates by volume (increasing and decreasing to promote conservation and economic development)
- the use of a discount on the wastewater rate to reflect lawn watering or other non wastewater uses and
- the implementation of an appeal process where unusual or unique circumstances could be addressed and mitigated.

R.V. Anderson Associates Limited, Dennis Consultants and KPMG were engaged to undertake the study. They made the following recommendations:

- the continuation of financing water costs through both a fixed service charge and a variable consumption rate
- the implementation of a full cost recovery system for wastewater services through an increase in the wastewater rate from 25% to 115% of water billings
- the transfer of fire protection costs from water rates to the municipal levy
- the adoption of a sustainable capital asset management program designed to finance the ongoing cost of maintaining the City's water and wastewater infrastructure systems
- the introduction of quarterly billings for water and wastewater services
- the approval of a rate setting process for water and wastewater services, thereby alleviating the need to undergo annual rate studies
- the introduction of a wastewater rebate program if considered necessary
- the establishment of water and wastewater stabilization reserves that would mitigate the need to adjust rates in response to surpluses or deficits in water and wastewater services, primarily as a result of fluctuations in consumption from year to year.
- the introduction of a water meter testing program designed to ensure that water usage is accurately recorded and invoiced, and
- the development of a communications strategy to create public awareness of the change in water and wastewater financing

Council adopted the recommendations and moved to a full cost recovery policy in July of 2001. For the information of the Committee, a copy of the consultant's report is attached.

Date: January 22, 2004

Cost Recovery Policy

In accordance with the water and wastewater policy, rates are adjusted each January based on the proposed net budget for the year, inclusive but not limited to, inflation adjustments and increases in the sustainable capital asset management program as well as changes in consumption levels.

Costs are to be recovered through:

- a fixed service charge for water (to recover fixed operating costs such as the cost of keeping the water mains in a good state of repair, water meter repair and replacement costs, billing and collection costs)
- a consumption rate (a uniform per cubic meter charge to be applied to the amount of water consumed), and
- a wastewater rate (which is expressed as a percentage of the total water bill)

Each year, net surpluses or deficits (revenues netted against expenditures) for water and wastewater services are contributed to/or drawn from water and wastewater rate stabilization reserves. This minimizes fluctuations in rates due to annual expenditure variances and consumption variances as a result of abnormal weather conditions.

Sustainable Capital Asset Management Program

As part of the move to a full cost recovery system, the City implemented a sustainable capital asset management program (SCAMP) to fund the cost of replacing or rehabilitating its existing water and wastewater infrastructure. Under this plan, contributions to capital for water and wastewater are increasing by \$400,000 and \$440,000 annually plus inflation, so that by 2012 the City's level of capital spending will be at the industry standard of 2% of asset value (sewer and water infrastructure is valued at approximately \$1 billion).

Recent Provincial Legislation on Sustainable Water and Wastewater

In 2002, the Province passed Bill 175, the Sustainable Water and Sewage Systems Act. The Act responded to the Walkerton tragedy, and is designed to ensure that providers of public water and wastewater systems have the financial capacity and associated revenue streams to guarantee that these systems will operate in perpetuity, under a prescribed "Standard of Care" defined in another recent Act, Safe Drinking Water Act. The legislation recognizes that many Ontario Municipalities currently do not charge, or only partially charge, for these services, choosing to leave the burden, in part or in whole, on property taxes. The legislation provides for phase-in periods for these Municipalities to come up to full cost recovery from users, subject to the Minister's approval, on a case-by-case basis. CGS is very well positioned to comply with this Legislation, as we are already at 100% cost recovery from our customers, subject to any additional Regulations that the Province may pass. As an example, the Province may require that \$x dollars be kept in dedicated Reserves to cope with unforeseen calamities, although it is unlikely that calamities will occur if Municipalities meet the "Standard of Care" as prescribed. Compliance with this "Standard of Care" is primarily responsible for rising water and wastewater user fees over the past two years.

Date: January 22, 2004

Water / Wastewater Rebates

The City has a number of water and wastewater rebate programs:

- a residential and commercial water/wastewater plumbing failure rebate program
- residential and commercial run water adjustment program as a result of ruptured watermains and subsequent discolored water
- running water to waste program to prevent freeze-ups, and
- commercial wastewater rebate program, where it can be demonstrated that the water is used in manufactured products such as soft drinks and ice

The first three rebate programs were reviewed by Dennis Consultants and KPMG as part of their study and they did not recommend any changes in these programs. The commercial wastewater rebate program was recommended by the consultants and initiated by the City as a result of the move to the full recovery of wastewater costs. No other rebate programs have been recommended by the consultants or staff or adopted by Council. Further information on existing rebate programs can be found in an attached report dated April 15, 2003.

Water and Wastewater Rate Structures for
THE CITY OF GREATER SUDBURY
Analysis and Recommendations

Submitted by:

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May 23, 2001

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Recent events across Canada have brought to light the importance of the water and wastewater services provided by municipalities. The key to ensuring the safety of a municipal water supply rests in sound policies for delivering, maintaining and financing water and wastewater services.

The City of Greater Sudbury has, in recent years, experienced its own issues with respect to water and wastewater services. Recognizing the need to ensure water and wastewater services are appropriately financed, the City is currently reviewing its existing rate structures. As part of the budget process for the 2001 fiscal year, the firms of R.V. Anderson Associates Limited and KPMG LLP were retained to prepare a report for Council addressing City policy for water and wastewater rates. Specifically, the report was to include:

- An overview of the existing water and wastewater rates structures and customer base
- A comparison of the City's water and wastewater rates to other municipalities
- An analysis of the options available to the City in establishing water and wastewater rates, including the use of block rates and monthly service charges, with recommendations for an overall rate structure
- Strategies for dealing with exceptions and unique situations, such as unmetered water clients

Based on the results of our review, which included an analysis of policies employed by other municipalities, we recommend that the City adopt the following policy for water and wastewater services effective July 1, 2001:

1. Continuance of the current method of financing water costs through both a fixed service charge (equal to the rates currently charged by the City) and a variable consumption rate of \$0.590 per cubic metre of water consumed. This represents a reduction of \$0.18 per cubic metre from the current rate of \$0.77 per cubic metre.
2. The implementation of a full cost recovery system for wastewater services through an increase in the wastewater rate from the current level of 25% to 115% of water billings.
3. The transfer of \$1.97 million in fire protection costs from water rates to the municipal levy.
4. The adoption of a sustainable capital asset management program designed to finance the ongoing cost of maintaining the City's water and wastewater infrastructure system.
5. The introduction of quarterly billings for water and wastewater services.
6. The approval of a rate setting process for water and wastewater services, thereby alleviating the need to undergo annual rate studies.
7. The introduction of a wastewater rebate program if considered necessary.
8. The establishment of water and wastewater stabilization reserves that would mitigate the need to adjust rates in response to surpluses or deficits in water and wastewater services.
9. The introduction of a water meter testing program designed to ensure that water usage is accurately recorded and invoiced.
10. The development of a communications strategy to create public awareness of the change in water and wastewater financing.

As requested by the City, we have structured our study so as to identify options available to the City in setting water and wastewater rates and quantify the potential impact of the recommended rate structure on property owners in Greater Sudbury. Our comments and recommendations have been arrived at through the following process.

1. Financial information concerning operating costs and revenues for water and wastewater services was accumulated and analyzed. Our review involved both historical financial information (1999 and 2000 fiscal years) and projected information based on the 2001 City budget.
2. Options available to the City for recovering water and wastewater costs were identified, including flat rates, block rates, monthly service charges and separate rates for water and wastewater services. These options were evaluated and a recommended method of recovering water and wastewater costs was developed.
3. Information concerning water and wastewater rates and billing methods was collected for other municipalities in Ontario and Canada. This information was used to assess the reasonability of the rates charged by the City, as well as to identify common municipal practices with respect to water and wastewater billing methods.
4. Based on the recommended billing structure, water and wastewater rates for the City were developed.
5. Variables such as the municipal tax levy, water rates and wastewater charges were recalculated based on the recommendations contained in the report.
6. A database of approximately 38,000 properties in Sudbury was developed based on information provided by the City. Included in the database was information relating to assessed values, water consumption, water billing amounts and wastewater charges and the properties were sorted by property class (residential, small multi-residential, large multi-residential, commercial and industrial).
7. Based on the revised municipal tax levy, water rates and wastewater charges, an analysis of the impact of the proposed recommendations on properties in Sudbury was conducted. The results of this analysis were summarized and presented in our report.

AN OVERVIEW OF WATER AND WASTEWATER SERVICES

With a total budget of more than \$35 million, water and wastewater services represents a significant cost to the City of Greater Sudbury. Overall, the City will spend more on water and wastewater services than it will for any other public works service and, in some cases, individual municipal departments.

Comparative municipal spending

Municipal Spending		Public Works Spending	
1. Health and social services	136,516,000	1. Water and wastewater	35,368,000
2. Public works	82,567,000	2. Roads	24,758,000
3. Citizen and leisure services	37,255,000	3. Solid waste	12,829,000
4. Police services	26,294,000	4. Engineering services	5,965,000
5. Emergency services	19,936,000	5. Administrative and other	3,647,000

Traditionally, water costs in Sudbury have tended to be higher than wastewater costs. This is due in part to the fact that the capital allocation for water included approximately \$1.8 million of sewer upgrading costs so that these costs could be recovered through user rates. The 2001 budget, which includes these costs in sewer expenses, more accurately reflects the relationship between water and wastewater services.

Annual water expenditures

	1999 Actual	2000 Actual	2001 Forecast
Water production	3,977,300	4,047,422	3,965,870
Water distribution	2,630,725	3,468,324	3,193,350
Water billing and collection	622,668	598,577	392,992
Allocated engineering costs	942,116	1,114,300	1,249,581
Other allocated costs	2,827,971	2,885,077	2,909,636
Total operating costs	11,000,780	12,113,700	11,711,429
Debt servicing ¹	937,641	937,435	889,679
Contribution to capital ²	7,294,169	7,205,340	5,454,591
Total costs	19,232,590	20,256,475	18,055,699

¹ When the debentures relating to sewer and water projects are repaid in 2008, the amount traditionally required for debt servicing will be included in the capital contribution.

² The capital contributions for 1999 and 2000 include \$1.8 million of sewer upgrading costs.

AN OVERVIEW OF WATER AND WASTEWATER SERVICES

Annual wastewater expenditures

	1999 Actual	2000 Actual	2001 Forecast
Sewage treatment	5,285,855	5,581,997	5,348,340
Sewage services	1,374,525	1,550,480	1,542,830
Allocated engineering costs	942,113	1,114,298	1,204,952
Other allocated costs	2,839,376	2,961,891	2,957,884
Total operating costs	10,441,869	11,208,666	11,054,006
Debt servicing	1,103,577	1,103,577	1,103,577
Contribution to capital ³	3,400,950	3,365,536	5,154,271
Total costs	14,946,396	15,677,779	17,311,854

Prior to 2001, user fees were designed to recover 100% of water costs and approximately 30% of wastewater costs⁴ with the remaining 70% of wastewater costs funded through the municipal levy. The preliminary 2001 budget is based on a 100% recovery of sewer costs through user fees.

While water services are intended to be self-funding, fluctuations in water consumption caused by climatic conditions have resulted in fluctuations from the budgeted amounts. Traditionally, surpluses in water services have been transferred to reserves, from which deficits in water services have been financed. While wastewater services have also experienced variances from budget due to changes in consumption levels (and the resultant impact on user fee revenues), no similar reserve exists as wastewater costs were financed primarily through the municipal levy.

Water revenues and expenditures

	1999 Actual	2000 Actual	2001 Forecast
Total expenditures	19,232,590	20,256,475	18,055,699
Total revenues from user fees ⁵	19,805,248	19,292,199	18,055,699
Surplus (deficit)	572,658	(964,276)	-
Estimated water consumption, in cubic metres	18,237,000	17,604,000	

Wastewater revenues and expenditures

	1999 Actual	2000 Actual	2001 Forecast
Total expenditures	14,946,396	15,677,779	17,311,854
Total revenues from user fees ⁶	5,029,820	5,005,680	17,311,854
Wastewater costs funded through municipal levy	9,979,269	10,103,655	-
Surplus (deficit)	62,693	(568,444)	-

³ The capital contributions for 2001 include \$1.8 million of sewer upgrading costs previously funded from water revenue.

⁴ The sewer rate is calculated as 25% of the water rate (including service charges).

⁵ Includes water consumption charges, service charges, frontage fees and other user charges.

⁶ Includes sewer rate revenue, frontage fees and other miscellaneous recoveries.

AN OVERVIEW OF WATER AND WASTEWATER SERVICES

Because of changes in consumption levels, as well as the effects of inflation⁷, the City of Greater Sudbury would require a change in water rates during 2001 regardless of whether the recommendations in this report are adopted. Specifically, we have estimated that the cost per cubic metre of water sold, which was set at \$0.77 per cubic metre during 1999 and 2000, would need to increase to \$0.808 per cubic metre if the recommendations are not adopted.

Projected water rates assuming no change in policy

Total water costs	18,055,699
Add: sewer upgrading costs ⁸	1,826,635
Total water expenditures to be financed through user fees	19,882,334
Less: water expenditures financed through service charges and other fees	(5,663,615)
Water expenditures to be financed through consumption charge	14,218,719
Projected water consumption, in cubic metres (based on 2000 consumption levels)	17,604,000
Water rate per cubic metre of consumption	\$0.808

On average, residential property owners in Sudbury use approximately 240 cubic metres of water annually. Accordingly, the average residential homeowner in Sudbury would have experienced an increase of \$12 per year as a result of inflation and changes in consumption levels.

⁷ We understand that the 2001 budgeted costs for sewer and water services include approximately \$430,000 in inflation adjustments.

⁸ Based on the assumption that no change in policy would occur, sewer upgrading costs would be included in the determination of water rates. Following the implementation of the recommendations, these costs would be included in the calculation of sewer rates.

WATER RATE ALTERNATIVES

The City currently provides water services to more than 42,000 customers, the majority of which are residential properties.

Breakdown of water customers

Customer Type	Percentage of Total	Average Annual Consumption
Single family residential properties	82.5%	240 m ³
Multi-residential properties	8.7%	680 m ³
Industrial, commercial and institutional properties	8.8%	1,490 m ³
Total	100.0%	385 m³

Overall, more than 97% of the City's water customers have water meters that are used to provide the basis for water billings. Those customers without water meters are charged a flat rate based on a implied consumption level.

CURRENT BILLING PRACTICE

Currently, the City uses a combination of a fixed monthly service charge (based on the size of water metre) and a variable charge based on the amount of water consumed (calculated at a rate of \$0.77 per cubic metre of water used).

The majority of customers are billed semi-annually for water services, however, large consumers of water (primarily industrial, commercial and institutional properties) are invoiced bi-monthly.

OPTIONS AVAILABLE TO THE CITY

Water rates for any municipality may consist of up to four components:

- A fixed charge, designed to recover costs that are a function of the number of water customers, not their consumption
- A variable charge, designed to recover those costs that fluctuate with consumption levels
- Fire protection charges, designed to recover the cost of hydrant systems and excess capacity built into a municipal water system for the purpose of fighting fires
- Rate surcharges, representing a charge added to current rates designed to collect a targeted amount of revenue in excess of that required to financing the cost of water services. Given that rate surcharges are normally used to finance specific projects or one-time emergency costs, we have not included a discussion of rate surcharges in our analysis.

For the purpose of our analysis, we have reviewed each of the remaining three components in detail.

Fixed service charges

As noted earlier, fixed charges are designed to finance water service costs that do not vary with consumption levels. For example, meter reading and repair costs are a function of the number of water customers, and not their individual consumption. Given that these types of fixed costs apply to all water customers, regardless of consumption levels, it is common practice to finance these costs on a per customer basis rather than through a variable charge based on consumption.

Options available

For municipalities, four approaches to recovering fixed costs are commonly used.

1. **Customer charges** – Under this approach, fixed costs are allocated based on a customer charge that is the same for all water users. For example, a municipality with fixed costs of \$5 million and 50,000 water customers would have a customer charge of \$100 per customer (\$5 million ÷ 50,000 customers). Municipalities have the option of either applying customer charges across all types of water customers (residential, commercial and industrial) or designing different customer charges for each category of water customer.
2. **Fixed service charges** – While the customer charge approach assumes that water users incur fixed costs evenly, a fixed service charge approach recognizes that certain fixed costs, such as water meter repair and replacement costs, increase with meter size. As a result, the fixed service charge approach allocates fixed costs to customers based on the size of their water services and meters. This is the approach that is currently used by the City to recover fixed costs.
3. **Minimum charges** – A third alternative available to municipalities for the recovery of fixed water costs is the establishment of minimum charges. Under a minimum charge structure, all customers are billed for a certain amount of water usage regardless of consumption.
4. **Block rates** – While generally thought of as a means of recovering variable costs (as they are based on water consumption levels) block rate structures can be used to recover fixed costs by:
 - Establishing the amount of water consumption for the first block of water billing at a level so low that all customers will exceed the block; and
 - Establishing a water rate for the first block that is sufficient to finance the fixed costs

For example, a municipality can use a block rate structure to recover fixed costs of approximately \$100 per year (that would otherwise be recovered through a fixed charge) by charging \$2.00 per cubic metre for the first 50 cubic metres of water consumed. Given that the average residential water consumption is 240 cubic metres per year, this effectively becomes a fixed charge as the majority of customers will pay this amount.

Recommended approach - fixed service charges

While each alternative for fixed cost recovery has its advantages and disadvantages, we recommend that the City continue to use the fixed service charge approach due to the following:

- The fixed service charge approach represents the fairest method of recovering fixed costs as it recognizes that certain costs vary depending on meter size. Unlike a flat customer charge, which allocates fixed costs evenly across all customers, the fixed service charge approach charges customers with larger meters (and higher associated costs) more.
- The fixed service charge is the current method used by the City and, as such, is easily understood by residents and property owners. Any change in the current method of recovering fixed costs may result in confusion and/or the perception that the City is attempting to increase the amount of revenue generated from water customers through a new type of fee or a minimum charge.
- The use of a fixed service charge appears to be the most common method used by municipalities to recover fixed costs.

Summary of fixed cost recovery approaches

	Customer Charge	Fixed Service Charge	Minimum Charge	Block Rate	No Fixed Recovery
Greater Sudbury		✓			
Thunder Bay		✓			
Peterborough		✓			
Moncton		✓			
Fredericton		✓			

WATER RATE ALTERNATIVES

Recommended rate – fixed service charges

Based on our review of the historical and budgeted cost of water services, as well as our understanding of the nature of the City's water operations and customer base, we estimate that approximately \$4.8 million of costs should be recovered through fixed service charges. During the 2000 fiscal year, the City collected a similar amount through the fixed service charge, which would indicate that no change in current fixed service charges is necessary.

The conclusion that no change in the current fixed service charges is necessary is supported by a comparison of the City's fixed service charges to other municipalities, which indicates that Sudbury's rates are consistent with other municipalities.

Summary of monthly fixed service charges

	Meter Size (in millimeters)							
	16	25	37	50	75	100	150	200
<i>Greater Sudbury</i>	<i>8.77</i>	<i>13.01</i>	<i>17.54</i>	<i>35.35</i>	<i>70.30</i>	<i>105.78</i>	<i>176.34</i>	<i>283.62</i>
Peterborough	17.00	26.60	44.21	64.28	104.00	204.70	355.00	505.80
Thunder Bay	3.66	9.17	18.33	29.33	55.00	91.67	183.00	293.30
Moncton	7.50	30.00	30.00	30.00	120.00	120.00	120.00	120.00
Fredericton⁹	7.33	8.00	8.66	9.83	14.00	17.33	20.67	27.33
<i>Average (excluding Sudbury)</i>	<i>7.10</i>	<i>13.49</i>	<i>20.62</i>	<i>25.99</i>	<i>55.67</i>	<i>80.13</i>	<i>125.26</i>	<i>176.13</i>

⁹ Includes a meter rental charge of \$4.00 per month.

Variable charge

Unlike fixed charges, which are determined based on the number of water customers, variable charges are directly related to consumption levels.

Options available

Generally speaking, four types of variable rate structures are used by municipalities.

1. **Uniform rate structure** – Under a uniform rate structure, a constant price is charged for water consumed. Currently, the City uses a uniform rate of \$0.77 per cubic meter of water consumed. Theoretically, a uniform rate structure is appropriate where:
 - Customers exhibit similarities in usage characteristics
 - Simplicity and understanding of the rate structure is desired
 - Cost and usage data by type of customer is not available or the costs of obtaining this information outweigh the potential benefits
2. **Declining block rate structure** – Under declining block rate structure, the per unit price of water decreases as water consumption increases, based on blocks of water consumption established by the municipality. The use of a declining block rate structure is supported by the view that the cost of producing water decreases as the volume increases, due to cost allocations and economies of scale. In addition, declining block rate structures are often employed as a means of providing incentives to large water consumers to use municipal water services as opposed to private water systems. However, declining block rate structures appear to be inconsistent with the goals of water conservation as they do not provide a disincentive for increased water consumption. In addition, declining block rate structures are sometimes perceived as unfair by residential and other low volume users, who are required to pay more on average for water than larger water consumers.
3. **Increasing block rate structure** – As the opposite of a declining block rate structure, an increasing block rate structure has the effect of increasing the per unit price of water as consumption increases. Generally speaking, increasing block rate structures are more complicated than other types of rate structures and require higher levels of detail with respect to water costs and consumption levels. As a result, increasing block rate structures are used primarily by municipalities:
 - That have a sufficient number of different customer classes to support an effective increasing block rate structure
 - That possess the information and data necessary to design a block rate structure
 - That are facing capacity constraints and/or the need to expand the existing infrastructure and where an increasing block rate structure would be suitable to finance these increased costs or reduce water consumption levels
 - That are not subject to significant fluctuations or volatility in water consumption levels

4. **Seasonal rates** – When a municipal water system is designed, a certain amount of excess capacity is built into the system to account for peak demand. In most cases, peak demand occurs during the summer months, primarily as a result of lawn watering. A seasonal rate structure can take two forms:
- The establishment of two separate rates – one for the peak demand season and one for the remainder of the year. The peak demand season rate is typically the higher of the two in order to encourage conservation and recover the costs associated with the higher levels of water production.
 - The use of an excess-use rate, whereby customers exceeding a predetermined level of water consumption are charged a high rate for the excess consumption during the peak demand season.

Given the need for relatively timely meter readings (generally monthly), the costs of implementing a seasonal demand rate structure can outweigh the benefits. As a result, seasonal rate structures are generally used by municipalities with:

- Significant variations in water consumption between peak and off-peak periods
- Capacity constraints during peak periods
- Seasonal fluctuations in the number of water customers

Recommended approach – variable charges

As a result of our analysis, we recommend that the City continue to employ a uniform water rate structure for its variable water billings. In arriving at this recommendation, we have considered the following:

- **Simplicity and fairness** – Perhaps the greatest advantage of the uniform rate structure is its simplicity and perception of fairness. Under this structure, all residents of Sudbury pay the same amount for water and the absence of consumption blocks simplifies the water billing process, both for customers and the City.
- **Quality and availability of consumption data** – In order to be successfully implemented and maintained, certain variable rate structures require relatively detailed information concerning consumption levels, both by period (e.g. summer vs. winter consumption levels) and by customer type. As semi-annual meter readings are used for the majority of the City's customers, the information necessary to implement either a block rate structure (both increasing and declining) or seasonal structure is not available.
- **Customer diversity** – The use of a block rate structure for variable rates is most suitable where a number of different water customer classes exist and consumption characteristics vary significantly between these classes. Given that more than 90% of the City's water customers are residential or multi-residential properties, this diversity does not exist.

In addition, our review of water production levels indicates that the difference between water production during the summer and winter months is not significant, thereby precluding the use of seasonal rates.

- **Volatility** – As noted earlier in our report, the City experienced a deficit in water services of approximately \$965,000 for the year, primarily due to a decrease in consumption levels. Given that block and seasonal rate structures increase the importance placed on consumption levels, their implementation would increase the financial risk faced by the City in periods of declining consumption.
- **Consistency with other municipalities** – Based on our analysis, the use of a uniform rate structure appears to be consistent with general municipal practices.

Summary of fixed cost recovery approaches

	Uniform Rate	Declining Block	Increasing Block	Seasonal Rates	Other
Greater Sudbury	✓				
Thunder Bay	✓				
Peterborough	✓				
Moncton	✓				
Fredericton	✓				

Fire protection charges

As part of its mandate to deliver water services to the residents and property owners of Sudbury, the City is also responsible for ensuring that sufficient water service exists to deliver adequate fire protection services. This is accomplished primarily through:

- The construction and maintenance of a fire hydrant system
- Increases in capacity of the water system to provide the increased water volumes required for firefighting operations

Currently, fire protection costs, which are estimated to be in the range of \$1.97 million annually, are financed through water billings, both the meter charge and the variable rate. However, it can be argued that this is not an appropriate method of financing fire protection costs given the nature of benefits that accrue from these expenditures.

Essentially, the steps taken to ensure adequate fire protection services represent a form of insurance – the hydrants and excess capacity are developed even though they may not be used. As with insurance policies in general, the benefits obtained from the fire protection costs are related to the value of properties protected – larger buildings, by virtue of their size, require more fire protection capability than smaller properties. As a result, it is reasonable to argue that fire protection charges should not be financed on the basis of water consumption or meter size, but rather the value of the properties.

In addition, the fire protection capabilities built into the City's water system are also used to protect institutions serving the public good, such as hospitals, schools and recreational facilities. Given that all members of the community benefit from these properties, the cost of fire protection charges should be allocated throughout the community.

Based on the above, we would recommend that the fire protection charges incurred by the City be financed through the municipal general levy. This recommendation not only provides a fair method of recovering the cost of fire protection capabilities built into the City's water system, but is also consistent with how other municipalities finance water costs relating to fire protection.

CURRENT BILLING PRACTICE

Currently, the City finances wastewater costs through a combination of a sewer rate (equal to 25% of a property's water bill), which finances 30% of total wastewater costs, and the municipal levy, which funds the remaining 70% of wastewater costs.

OPTIONS AVAILABLE TO THE CITY

With respect to financing wastewater costs, the City has three alternatives:

1. Continue to finance wastewater costs through a combination of user fees and the municipal levy
2. Implement a full cost recovery system for wastewater services and remove wastewater costs from the municipal levy
3. Area rate wastewater costs, thereby allocating the costs on the basis of assessment among residents and property owners that use wastewater services

The use of a full recovery sewer rate has several benefits for taxpayers and property owners in Sudbury, including:

- **Fairness** – By financing a portion of wastewater costs through property taxes, all residents of City pay for the service, regardless of the fact that some residents use less water (and therefore less wastewater services) than others. *In addition, 17% of residents do not have wastewater services at all and, as such, pay for a service they do not receive. Moving towards a full cost recovery system provides fairness to residents.*
- **Conservation** – With 70% of wastewater costs included in property taxes, residents are unaware of the true cost of wastewater services. The implementation of a full cost recovery system will not only make residents aware of the cost of wastewater services, but will also increase the motivation to conserve water, thereby reducing operating costs for the City.
- **Accessibility to grants** – The Province of Ontario has recently indicated that municipalities will qualify for funding assistance for water and wastewater projects only if they have full cost recovery systems in place. By introducing a full cost recovery system for wastewater services, the City will continue to access Provincial assistance.
- **Ease of implementation** – While area rating would ensure that wastewater costs are distributed among property owners receiving the services, the use of a full recovery system based on water consumption would be less complex and more understandable.

In light of the above, it is recommended that the City implement a full cost recovery system for wastewater services. Given the lack of information concerning wastewater usage (as municipalities do not meter wastewater flows), it is also recommended that the wastewater charge be based on water billing charges.

SUSTAINABLE CAPITAL ASSET MANAGEMENT PROGRAM

Under a sustainable capital asset management program, the City would implement a strategy to fund the cost of replacing or rehabilitating its existing water and wastewater infrastructure system. Theoretically, sustainable capital asset management programs recognize that a municipality's water and wastewater infrastructure was not constructed at the same time and, as a result, different portions of the system will need to be replaced at different times. The goal of a sustainable capital asset management program is to ensure that sufficient financing is available to fund the ongoing need to continually maintain the water and wastewater infrastructure.

Currently, the City is projected to spend approximately \$10 million on capital projects relating to water and wastewater infrastructure, or approximately 1% of the replacement value of the system. In comparison, the generally accepted level of capital spending required to appropriately maintain water and wastewater infrastructure is 2% of the replacement value. Were the City to increase the level of capital spending to the industry standard of 2%, an additional \$10 million of capital spending would be required.

Despite the relatively high cost associated with a sustainable capital asset management program, we believe that the City has no other alternative but to implement such a program. We understand that a significant portion of the City's water and wastewater infrastructure was constructed during the 1920's and is now nearing the end of its 80 year useful life. As a result, the near-term operations of the City will likely be marked by significant capital expenditures relating to this portion of the water and waste infrastructure system.

In addition, other capital projects such as the David Street Water Treatment Plant will also require financing, thereby placing a considerable strain on the City's ability to fund water and wastewater capital projects without an increase in user fees. Given that water and wastewater services are intended to be financed entirely through user fees and not the municipal levy, the increased cost of capital expenditures should be reflected in the determination of water and wastewater rates.

In light of the significant increase in capital financing, however, the City may wish to consider implementing the sustainable capital asset management program over a ten year period.

WATER BILLING FREQUENCY

Traditionally, the majority of water customers in Sudbury are invoiced semi-annually. While this billing frequency has minimized certain costs to the City, such as postage and meter reading, it also has certain disadvantages:

- A semi-annual water billing system limits the usefulness of consumption information available to the City. For example, the City is unable to obtain information concerning monthly or even seasonal water usage under a six month billing cycle. As a result, the ability of the City to implement plans to improve the management of the water system (including the use of alternative rate structures) is hindered.
- A semi-annual water billing system also limits the ability of customers to modify their water consumption levels. As a result, residents may not be aware of the cost of high water usage until six months have passed.
- A move towards a more frequent water billing system would improve the cash flow performance of the City. While we understand that a number of water customers use the City's preauthorized payment plan for monthly water and wastewater payments, a quarterly billing system for all customers not on the preauthorized payment plan would provide more timely payments to the City, allowing it to earn interest revenue (or reduce interest costs) on the revenue collected.

While we recommend that the City move to a quarterly billing system, we recognize that increased costs will result from such a change. Based on our analysis, we estimate that the increased costs resulting from a quarterly billing system will be in the range of \$225,000 per year. However, these costs are offset by increased revenues of \$200,000 that would be generated in interest from the improved cash flows of the City. These increased revenues have already been reflected in the City's 2001 budget.

RATE SETTING PROCESS

Traditionally, the Regional Municipality of Sudbury incorporated inflation into water rates based on year-to-year changes in the Consumer Price Index. In addition, changes in water consumption levels (both increases and decreases) have been considered when setting water rates. These procedures were incorporated into a rate setting policy that was approved by Council.

Given the relatively large size of water and sewer expenditures, inflation and changes in consumption levels do have the potential to significantly affect both water and wastewater rates. For example, a 2% inflationary increase in water and wastewater costs will result in additional expenditures of \$700,000, while a 2% change in water consumption translates into \$400,000.

In light of the potential significance of both of these factors, the City should incorporate inflation and changes in consumption levels into its rate setting process. In order to facilitate the rate setting process, we also recommend the adoption of a rate setting policy similar to that used by the former Region, which incorporated inflation, changes in consumption levels and annual increases relating to a sustainable capital asset management program. By approving the method of establishing rates, Council would avoid the necessity of having to approve the rates themselves on an annual basis.

WASTEWATER REBATES

Certain industries, such as food processing and beverage facilities, may have significant differences between volumes of water consumed and those flowed into the wastewater system. For these customers, the impact of the recommendations may result in an unfair distribution of costs as the amount of water purchased from the municipality is not a fair indicator of their use of the wastewater services. As a result, the City may wish to consider the implementation of a wastewater rebate system, whereby customers who can demonstrate a significant difference between water and wastewater usage can apply for a rebate from the City¹⁰. The adoption of a quarterly billing frequency will likely improve the City's ability to implement a wastewater rebate program by providing more detailed information concerning water usage levels.

WATER AND WASTEWATER RESERVES

Traditionally, the City has transferred any net surpluses generated from water services into reserves, using these funds to offset instances where there have been net deficits. Should the recommendations be adopted, the City will continue to experience both surpluses and deficits for water and wastewater services, as actual user fee revenues and expenditures will fluctuate from budgeted amounts for a number of reasons. Given that this use of reserve funds provides a degree of stability for the City's water and wastewater services (precluding the need to continuously adjust rates), we recommend that this practice continue into the future.

¹⁰ We understand the normal eligibility for a wastewater rebate is a 20% variance between water and wastewater usage.

WATER METER TESTING

During the course of our review, we noted that size of water meters for certain industrial and commercial customers appears to be excessive in light of their water consumption levels. As a result, it is possible that these meters are not accurately recording the amount of water consumed by the customers, resulting in a loss of revenue to the City.

In order to alleviate concerns over the accuracy of the water meter readings, the City may wish to consider the use of an outside contractor to undertake a water meter testing program and, where considered appropriate, replace meters that may be too large compared to the level of water consumption.

UNMETERED WATER AND WASTEWATER CLIENTS

Currently, there are approximately 300 properties in the City, the majority of which are residential properties, that receive water services but are unmetered. While the City has implemented a mandatory water metering program, these properties are unable to have water meters installed due to such factors as a lack of a basement or insufficient access to the water intake pipes.

For these properties, the City charges water based on a consumption level of 27 cubic meters per month. Given that this is above the average residential consumption level of 20 cubic meters per month, we would not recommend any change in the City's policy with respect to unmetered properties.

In addition, we understand that a small number of properties in the City have access to wastewater services but are not connected to the municipal water system. For these customers, the sewer rate is calculated based on a notional water consumption of 14 cubic meters per month. While this is lower than the average residential consumption of 20 cubic meters per month, we understand that properties with private water systems are characterized by lower usage levels and lower water pressures, both of which result in less inflow into the wastewater system. As a result, we do not recommend any change to the City's policy with respect to properties with wastewater services only.

While the current practice of the City in dealing with unmetered water and wastewater clients is appropriate for residential customers, we recommend that the water and wastewater bylaw contain provisions allowing the City flexibility in addressing similar situations for multi-residential, commercial, industrial and institutional customers.

COMMUNICATIONS STRATEGY

Although the recommendations contained in this report are intended to be revenue neutral to the City as a whole, individual customers will experience changes in their water and wastewater costs to varying degrees.

In order to ensure public understanding and awareness of the recommendations and their potential effects on property owners, we recommend that the City develop a strategy to deal with the expected public interest to result from the changes to the municipal levy, water and wastewater rates.

While such a strategy has not been developed, we would recommend that, at a minimum, the following items be included:

1. An information package containing:
 - An overview of the traditional methods of financing water and wastewater services
 - An description of the proposed changes to water and wastewater rates and municipal taxes, along with the rationale for the changes
 - An indication of how other municipalities finance their water and wastewater costs
 - Key timelines relating to the changes in water and wastewater rates
 - Estimated financial impacts for property owners in Sudbury
2. Press releases and newspaper advertisements
3. Meetings with key high water users

Overall, the message that should be communicated is that the new method of financing water and wastewater services is fair, revenue neutral and consistent with other communities throughout Ontario and Canada.

RECOMMENDED RATE STRUCTURE AND FINANCIAL IMPACT

BASIS OF ANALYSIS

As requested by the City, we have structured our analysis so as to provide an indication of the financial impact of the recommendations on property owners in Sudbury. It is important to note that property costs (defined as municipal property taxes, water and wastewater billings) for 2001 and future years will be influenced by factors such as:

- Inflation
- Property value reassessment
- Changes to education taxes levied by the Province
- Fluctuations in water consumption levels
- The adoption of a sustainable capital asset management policy

Given that these factors would affect property costs regardless of whether the City adopted the recommendations, we have specifically excluded them from our analysis of the financial impact of the recommendations. Accordingly, our analysis should be viewed as an indication of the true effect of implementing the recommendations, exclusive of other factors.

In addition, our analysis has been designed to reflect the financial impact of the recommendations for a full year, notwithstanding our suggestion that the City implement the new rate structures effective July 1, 2001. Based on a July 1 implementation date, the 2001 fiscal year will represent a transition year whereby water and wastewater services will be funded under both the former and recommended rate structures. In order to provide a clear picture of the financial impact of the recommendations in the future, we have presented the full year's effect of the recommendations, which we have supplemented with an indication of the implications for the 2001 fiscal year.

RECOMMENDED RATE STRUCTURE AND FINANCIAL IMPACT

OVERVIEW OF RECOMMENDATIONS

Should the recommendations contained in this report be implemented, a significant change will occur with respect to how the City funds water and wastewater services. Overall, the recommendations will see the following shifts in revenue on an annual basis:

- From the municipal levy to user fees – Following the implementation of the recommendations, the municipal levy will be reduced by approximately \$10.1 million, reflecting the portion of wastewater costs (70%) that were traditionally financed through the municipal levy as opposed to the wastewater rate.
- From user fees to the municipal levy – As a result of the recommendations in this report, the portion of water costs relating to fire protection will be financed through the municipal levy. Accordingly, \$1.97 million of revenues will be shifted from water user fees to the municipal levy.
- From water rates to wastewater rates – With the implementation of the recommendations, the sewer upgrading costs of \$1.8 million will no longer be considered in the determination of water rates (as they will now be financed through the wastewater rate). As a result, approximately \$1.8 million of revenue will be transferred from water rates to wastewater rates.
- Increases in water costs – Assuming a move to quarterly billings, water billing costs are projected to increase by \$225,000, which should be financed through water rates.

Property taxes

Overall, property taxes would decrease by 6.9% from 2000 levels following the implementation of the recommendations.

Effect of proposed recommendations on the municipal levy

Total municipal levy ¹¹	117,245,310
Add (less):	
Transfer of wastewater costs from the municipal levy to user fees	(10,103,655)
Fire protection charges transferred from water rates to the municipal levy	1,971,000
Restated municipal levy following implementation of recommendations	109,112,655
Reduction in municipal levy	6.9%

¹¹ For the purpose of our analysis, we have attempted to demonstrate the change in municipal taxes from last year as a result of the recommendations. Accordingly, our analysis is based on the 2000 municipal levy.

RECOMMENDED RATE STRUCTURE AND FINANCIAL IMPACT

Water rates

Following an implementation of the recommendations contained in this report, variable water rates are projected to decrease from the current rate of \$0.770 per cubic metre to \$0.590 per cubic metre, a decrease of 23%.

Recommended water rate

Total water costs	18,055,699
Add (less):	
Fire protection charges transferred from water rates to the municipal levy	(1,971,000)
Donations from INCO and Falconbridge applied to water costs ¹²	(300,000)
Increased water billing costs	225,000
Total water expenditures to be financed through user fees	16,009,699
Less: water expenditures financed through other fees	(863,615)
Water expenditures to be financed through service charges and consumption charges	15,146,084
Less: water expenditures financed through service charges	(4,800,000)
Water expenditures to be financed through consumption charge	10,346,084
Projected water consumption, in cubic metres (based on 2000 consumption levels)	17,604,000
Recommended water rate per cubic metre of consumption	\$0.590

Wastewater rates

In order for the City to implement a full recovery policy for wastewater services, it is recommended that the current wastewater rate increase from 25% to 115% of water billings.

Recommended wastewater rate

Total wastewater costs	17,311,854
Add (less):	
Donations from INCO and Falconbridge applied to wastewater costs ¹³	(300,000)
Total wastewater expenditures to be financed through user fees	17,011,854
Less: wastewater expenditures financed through other fees	(472,525)
Wastewater expenditures to be financed through wastewater rate (A)	16,539,329
Water billing revenues	15,146,084
Less: Portion collected from customers without wastewater services	(605,843)
Water billing revenues upon which wastewater revenues will be raised (B)	14,540,241
Wastewater rate as a percentage of water billings (A) ÷ (B)	115%

¹² During 2000, the Transition Board for the City of Greater Sudbury secured a \$1.33 million donation from both INCO and Falconbridge to partially compensate the City for a decrease in taxation revenue resulting from the implementation of a full recovery wastewater rate. For 2001, the amount of the donation is \$600,000, which will be applied evenly between water and wastewater costs. Future donations from INCO and Falconbridge will amount to \$400,000 in 2002 and \$333,000 in 2003.

RECOMMENDED RATE STRUCTURE AND FINANCIAL IMPACT

FINANCIAL IMPACT

While the recommendations proposed will be revenue neutral to the City as a whole (ie. the City will continue to treat water and wastewater services as a breakeven activity), some portion of water and wastewater costs will be shifted from commercial and industrial customers to residential property owners in the City. This shift is primarily due to the fundamental makeup of the City's assessment base and water customers.

In Greater Sudbury, just over 60% of the municipal levy is paid by residential property owners. This class, however, makes up 82% of the City's water customers. As a result, any transfer of costs from the municipal levy to user fees will have a greater impact on residential property owners as their proportionate share of costs is greater through user fees than the municipal levy.

Assessment and water customers by property class

	Equalized Assessment (in millions)		Water Billing Customers	
Residential	5,374	60.3%	34,382	82.5%
Multi-residential	849	9.5%	3,606	8.7%
Industry, Commercial and Institutional	2,689	30.2%	3,689	8.8%
Total	8,912	100.0%	41,677	100.0%

Based on the information supplied, as well as the assumptions noted earlier, the financial impact of the recommendations contained in this report are as follows.

Residential property owners

Following the implementation of the recommended options for water and wastewater rates, the majority of residential property owners in Sudbury will experience an increase in overall property costs (defined as property taxes, water and sewer charges).

Based on our review, a typical homeowner in Sudbury (total assessment of \$110,000 and water consumption of 20 cubic metres per month), would see their property costs increase by approximately \$50 per year, representing an increase of 3% over 2000 property costs.

However, typical residential property owners that do not receive wastewater services (accounting for 17% of all households in Sudbury) would see their property costs decrease by approximately \$150 per year.

Projected financial impact on single family residential property owners

	Pay Less	Pay More (per month)		
		\$0 to \$5	\$5 to \$10	More than \$10
Single family residential properties	10%	50%	38%	2%

RECOMMENDED RATE STRUCTURE AND FINANCIAL IMPACT

Multi-residential property owners

For the purpose of the analysis, classification of multi-residential property owners was made into two categories:

- Small multi-residential properties (under six units), which fall into the residential property class
- Larger multi-residential properties (more than six units), which fall into the multi-residential property class

Based on the analysis, small multi-residential properties will see an increase in property costs in the range of \$75 per year while larger multi-residential properties will experience an decrease of approximately \$850 per year.

Projected financial impact on multi-residential property owners

	Pay Less	Pay More (per month)		
		\$0 to \$5	\$5 to \$10	More than \$10
Small multi-residential properties	4%	32%	47%	17%
Large multi-residential properties	76%	10%	7%	7%

Commercial and industrial properties

Both commercial and industrial properties, which tend to have low water billings compared to assessment values, are projected to experience overall cost savings as a result of the recommendations. Approximately 83% of commercial property owners and 96% of industrial property owners will experience reductions in property costs, with the average reduction amounting to \$500 for commercial properties and \$1,800 for industrial properties.

Projected financial impact on commercial and industrial property owners

	Pay Less	Pay More (per month)		
		\$0 to \$5	\$5 to \$10	More than \$10
Commercial properties	80%	8%	3%	9%
Industrial properties	95%	2%	1%	2%

RECOMMENDED RATE STRUCTURE AND FINANCIAL IMPACT

Institutional Properties

The financial impact of the proposed recommendations on institutional properties (schools, churches, hospitals and charitable organizations) is contingent upon the tax status of the individual properties. Accordingly, it was not possible to ascertain the impact on institutional properties as a whole due to time constraints and limitations on the information available. However, some general conclusions as to the effect of the recommendations on specific types of institutional properties can be made:

- Government office buildings will generally experience a decrease in property costs as these facilities, which pay grants in lieu based on the commercial tax rate, are similar to commercial properties (high assessment values and relatively low water consumption)
- Hospitals and post-secondary educational institutions, which pay grants in lieu of taxes based on a "heads and beds" formula, will generally experience increases in property costs as these institutions will not realize the benefit of the reduction in property taxes resulting from the recommendations
- Exempt properties, such as local school board properties, charitable organizations and churches, will likely experience small increases in property costs as these properties will also not realize the benefit of the tax reduction resulting from the recommendations.

Implementation Effects

Given the timing of the budget process, the City is unable to introduce the recommendations retroactive to January 1, 2001. Accordingly, it is recommended that the City introduce the recommendations effective July 1, 2001. Based on our analysis, the use of a July 1, 2001 implementation date will have the following financial effects:

- A total of \$5.2 million of wastewater costs will continued to be financed through the municipal levy due to the fact that a full recovery wastewater rate was not in place during the period January 1, 2001 to June 30, 2001.
- Sewer upgrading costs of \$900,000, or 50% of the total sewer upgrading costs of \$1.8 million, will be financed through wastewater rates during the period July to December 2001. For the first half of 2001, these costs will continued to be funded through water rates.
- Fire protection charges incurred during the period July to December 2001, amounting to \$985,000, will be financed through the municipal levy, with fire protection charges for the first half of 2001 financed through water rates.
- Water billing costs will increase by \$112,500, reflecting a mid-year implementation of quarterly billing cycles.

Given that the 2001 fiscal year will represent a mix of the old and new rate structure, the financial impact of the recommendations will be somewhat lessened. For a typical residential property owner, property costs are projected to increase by \$25 during 2001 as a result of the recommendations.

RECOMMENDED RATE STRUCTURE AND FINANCIAL IMPACT

Sustainable Capital Asset Management

As noted earlier, the adoption of a sustainable capital asset management program for both water and wastewater infrastructure would require the City to double the amount of financing for capital projects. Based on the assumption that the City will implement a sustainable capital asset management policy over a ten year period, the projected water rates and financial impact on residential property owners are as follows:

Projected water rates under a sustainable capital asset management policy

Year	Increase in Water Revenues	Debt Servicing Funds Available¹³	Total Capital Financing Available	Projected Water Rate¹⁴	Cumulative Residential Impact¹⁵
2002	400,000	-	400,000	\$0.613	\$12.00
2003	800,000	-	800,000	\$0.636	\$24.00
2004	1,200,000	-	1,200,000	\$0.659	\$36.00
2005	1,600,000	-	1,600,000	\$0.682	\$48.00
2006	2,000,000	-	2,000,000	\$0.705	\$60.00
2007	2,400,000	-	2,400,000	\$0.728	\$72.00
2008	2,800,000	890,000	3,690,000	\$0.751	\$84.00
2009	3,200,000	890,000	4,090,000	\$0.774	\$96.00
2010	3,600,000	890,000	4,490,000	\$0.797	\$108.00
2011	4,000,000	890,000	4,890,000	\$0.820	\$120.00

¹³ Represents funds available when the debentures relating to water infrastructure are repaid.

¹⁴ Assumes that the increased capital costs will be financed entirely through the water consumption charge and other revenue sources, such as the service charge or municipal levy, will not be adjusted. In addition, future consumption levels have been projected based on the actual consumption for 2000.

¹⁵ Represents the projected impact on a typical residential property owner with water consumption of 20 cubic metres per month. The financial impact includes both increased water and wastewater costs (as the wastewater rate is based on the water rate).

RECOMMENDED RATE STRUCTURE AND FINANCIAL IMPACT

By raising water rates under a sustainable asset management policy, the City will also be implementing a similar policy for its wastewater infrastructure, as the wastewater rate is based on water billings. As a result, the amount of capital available for wastewater infrastructure replacement and rehabilitation will also increase.

Projected Increase in wastewater capital expenditures

Year	Increase in Water Revenues	Portion Received From Wastewater Customers ¹⁶	Wastewater Rate	Increase in Wastewater Revenues	Debt Servicing Funds Available ¹⁷	Additional Revenue
2002	400,000	384,000	115%	442,000	—	442,000
2003	800,000	768,000	115%	883,000	—	883,000
2004	1,200,000	1,152,000	115%	1,325,000	—	1,325,000
2005	1,600,000	1,536,000	115%	1,766,000	—	1,766,000
2006	2,000,000	1,920,000	115%	2,208,000	—	2,208,000
2007	2,400,000	2,304,000	115%	2,650,000	—	2,650,000
2008	2,800,000	2,688,000	115%	3,091,000	1,104,000	4,195,000
2009	3,200,000	3,072,000	115%	3,533,000	1,104,000	4,637,000
2010	3,600,000	3,456,000	115%	3,974,000	1,104,000	5,078,000
2011	4,000,000	3,840,000	115%	4,416,000	1,104,000	5,520,000

Following the full implementation of the sustainable capital asset management policy, a total of \$21 million of financing will be available annually for capital purposes.

Summary of projected capital financing under a sustainable capital asset management policy in 2011

	Water	Wastewater	Total
Existing capital expenditures	5,455,000	5,154,000	10,609,000
Additional capital financing upon repayment of debentures	890,000	1,104,000	1,994,000
Additional revenues collected	4,000,000	4,416,000	8,416,000
Total annual capital financing	10,345,000	-10,674,000	21,019,000

¹⁶ Approximately 4% of water customers do not have access to wastewater services. As a result, the wastewater rate will be levied on 96% of the increased water revenue.

¹⁷ Represents funds available for capital purposes when the debentures relating to wastewater infrastructure are repaid.

COMPARISON OF PROPOSED RATES TO OTHER MUNICIPALITIES

While the proposed recommendations, if approved, will result in significant changes to water and wastewater rates in Sudbury, we note that the resultant cost of water and wastewater services will be consistent with comparable municipalities in both Ontario and Canada.

Comparison of monthly water and wastewater billings – 20 cubic meters of consumption¹⁸

	Water Billing	Wastewater Billing	Total Billing
<i>Greater Sudbury (proposed)</i>	26.13	23.15	43.28
Thunder Bay	18.21	11.83	30.04
Moncton	26.56	16.89	43.45
Peterborough	28.44	24.17	52.61
Fredericton	16.73	16.73	33.46
<i>Average (excluding Sudbury)</i>	22.49	17.41	39.90

In addition, we further recommend that the City adopt a sustainable capital asset management policy in the future, thereby ensuring that sufficient financing exists for capital expenditures.

¹⁸ Includes fixed charges, if applicable.

Request for Recommendation Priorities Committee



Type of Decision

Meeting Date	April 23, 2003			Report Date	April 15, 2003		
Recommendation	Yes	<input checked="" type="checkbox"/>	No	Priority	<input checked="" type="checkbox"/>	High	Low
	Direction Only			Type of Meeting	<input checked="" type="checkbox"/>	Open	Closed

Report Title

Current Water / Wastewater Rebate Program

Policy Implications + Budget Impact

This report and recommendation(s) have been reviewed by the Finance Division and the funding source has been identified

N/A

Background attached

Recommendation

FOR INFORMATION ONLY

Recommendation attached

Recommended by the General Manager


D. Vuksinic
General Manager of Corporate Services

Recommended by the C.A.O.


M. Miete
Chief Administrative Officer

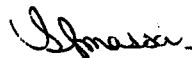
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Report Authored By



S. Tremblay
Supervisor of Billing & Collection / Water/Wastewater

Division Review



S. Jonasson
Director of Finance / City Treasurer

BACKGROUND

At the priority meeting of March 26th, 2003, a report was requested on the existing rebate programs that City of Greater Sudbury already has in place. They are as follows:

Residential and Commercial Water/Wastewater Plumbing Rebate Program

“One time only 50% reduction on extra metered water consumption”: Customers that receive a high Water/wastewater bill due to a plumbing problem can request a rebate. Once they have fixed the problem, they must write a letter explaining the problem and include two meter readings, two weeks apart. A reduction will be applied to their account based on their average consumption and half of the extra metered consumption.

Residential and Commercial Run Water Adjustment Program

A number CGS customers (approx. 600) are classified as “Minimum for Winter”. They have a previous history of frozen water lines (on the City side) during the winter months. In order to avoid a recurring problem, they have been instructed to run their water continuously between December and April each year. They are then billed for actual consumption for May through November and then this average consumption is used for billing for December through April of the following year.

Commercial Wastewater Rebate Program

Upon request, Commercial customers that have the majority of their water usage going into the making of their product can apply for a wastewater reduction based on the amount of water that is not going into the City sewer system.

Running water to waste

Customers who call Public Works due to dirty water and are told to run it until it clears, can obtain a water/wastewater adjustment based on the amount of water they ran to waste.