

Appendix C
City of Greater Sudbury
Completed Capital Projects over \$200,000
Completed between October 2015 and March 2016

Note - For all projects below, transfers have been completed in accordance with the Capital Budget Policy and variances greater than \$50,000 have been explained.

Division	Department	Project Description	Year Started	Total Original Budget	Final Cost	Variance	Notes		
Infrastructure Services	Roads	Railway Crossing Improvements	2011	2011 Capital Budget	300,000				
		2015 Capital Budget		200,000					
				<u>500,000</u>	633,492	(133,492)	1		
			MR4	2012	2012 Capital Budget	3,500,000			
		Vale Contribution	14,928,381						
			<u>18,428,381</u>		19,333,459	(905,078)	2		
			Regent, Bourchard, Southview	2013	2013 Capital Budget - Regent from Bouchard to Walford	3,250,000			
		2013 Capital Budget - Bouchard from Regent to Southview	730,000						
		2013 Capital Budget - Southview from Bouchard to Cranbrook	260,000						
			<u>4,240,000</u>		3,198,715	1,041,285	3		
			Jean Street	2013	2013 Capital Budget	315,000	521,830	(206,830)	4
			Kingsway	2014	2013 Capital Budget	1,700,000	1,481,976	218,024	5
	MR15 MR80 Intersection Improvements	2014	2014 Capital Budget - MR 15/MR 80 Intersection Improvements	2,000,000					
	2014 Capital Budget - MR 80 from Mackenzie Street to Whitson River		1,500,000						
	2014 Capital Budget - MR 80 from Main Street to Mackenzie Street		1,400,000						
			<u>4,900,000</u>	4,858,289	41,711				
	Ester Street	2014	2014 Capital Budget	400,000	401,634	(1,634)			
	Frood Road	2014	Council Resolution CC2014-86	1,355,000	1,437,281	(82,281)	6		
	Traffic System Improvements	2014	2014 Capital Budget	150,000	217,089	(67,089)	7		
	Elgin Street	2014	2014 Capital Budget	215,000	497,268	(282,268)	8		

Division	Department	Project Description	Year Started	Total Original Budget	Final Cost	Variance	Notes
	Roads	Streetlighting Upgrades 2015 Capital Budget	2015	250,000	445,079	(195,079)	9
		Various Bridge Repairs 2015 Capital Budget	2015	1,900,000	2,074,181	(174,181)	10
		Guide Rail Installation 2015 Capital Budget	2015	250,000.00	188,902.96	61,097	11
		Vaughan Avenue 2015 Capital Budget	2015	350,000	549,494	(199,494)	12
		Skead Road (Various Locations) 2015 Capital Budget	2015	400,000	385,384	14,616	
		Elm Street (Val Caron) 2015 Capital Budget	2015	565,000	427,256	137,744	13
		David Street 2015 Capital Budget	2015	350,000	537,703	(187,703)	14
		Ronald Crescent 2015 Capital Budget	2015	315,000	256,938	58,062	15
		Louisa Drive 2015 Capital Budget	2015	310,000	186,761	123,239	16
		Kipling Court 2015 Capital Budget	2015	280,000	238,564	41,436	
		Navanod Road 2015 Capital Budget	2015	275,000	303,143	(28,143)	
		Laura Avenue 2015 Capital Budget	2015	260,000	208,190	51,810	17
		Prevost Street 2015 Capital Budget	2015	220,000	178,042	41,958	
	Drains	Lake Nepahwin Treatment Station 2006 Capital Budget - Dominion Drive Box Culvert 2008 Capital Budget - Pond Land Acquisition 2008 Capital Budget 2009 Capital Budget 2010 Capital Budget 2011 Capital Budget	2008	200,000 150,000 1,400,000 1,355,000 500,000 945,000			
				4,550,000	4,627,178	(77,178)	18
		Rockwood Storm Sewer 2006 Capital Budget 2007 Capital Budget 2008 Capital Budget 2010 Capital Budget	2011	190,000 225,000 50,000 400,000			
				865,000	805,369	59,631	19

Division	Department	Project Description	Year Started	Total Original Budget	Final Cost	Variance	Notes
	Water	Third Avenue (Lively)	2012				
		2012 Capital Budget		750,000	392,273	357,727	20
		Regent, Bouchard, Southview	2013				
		2012 Capital Budget - Southview from Bouchard to Cranbrook		650,000			
		2013 Capital Budget - Regent from Bouchard to Walford		2,200,000			
		2013 Capital Budget - Bouchard from Regent to Southview		340,000			
				<u>3,190,000</u>	<u>2,104,742</u>	<u>1,085,258</u>	21
		John Street (Sudbury)	2013				
		2013 Capital Budget		550,000	944,075	(394,075)	22
		Jean Street	2014				
		2013 Capital Budget		550,000	701,518	(151,518)	23
		Beatrice Easement	2013				
		2013 Capital Budget		100,000	330,913	(230,913)	24
		Dollard Avenue	2014				
		2014 Capital Budget		550,000	413,690	136,310	25
		Elgin Street	2014				
		2014 Capital Budget		550,000	762,201	(212,201)	26
		Watermain Rehabilitation	2014				
		2014 Capital Budget		1,000,000	1,434,443	(434,443)	27
		Frood Road	2014				
		Council Resolution CC2014-86		525,000	443,241	81,759	28
		Algonquin Watermain	2014				
		Council Resolution CC2014-98		750,000	690,215	59,785	29
		Morin Avenue	2015				
		2015 Capital Budget		250,000	314,845	(64,845)	30
		Barbara Street	2015				
		2015 Capital Budget		175,000	261,363	(86,363)	31
		Ash/Adler Street (Emergency Work)	2015				
		2015 Capital Budget reallocation from cancellation of BarryDowne capital project as per Completed Capital Projects report to Council in September 2015.		600,000	526,118	73,882	32
		Well Inspection Rehabilitation					
		2010 Well Inspections		300,000			
		2011 Well Inspections		300,000			
				<u>600,000</u>	<u>183,146</u>	<u>416,854</u>	33

Division	Department	Project Description	Year Started	Total Original Budget	Final Cost	Variance	Notes
	Wastewater	Regent, Bouchard, Southview	2013				
		2012 Capital Budget - Southview - Bouchard to Cranbrook		200,000			
		2013 Capital Budget - Regent - Bouchard to Walford		250,000			
		2013 Capital Budget - Bouchard - Regent to Southview		200,000			
				<u>650,000</u>	227,039	422,961	34
		John Street (Sudbury)	2013				
		2013 Capital Budget		200,000	329,640	(129,640)	35
		Dollard Avenue	2014				
		2014 Capital Budget		400,000	173,325	226,675	36
		Frood Road	2014				
		Council Resolution CC2014-86		325,000	389,312	(64,312)	37
		Sewer Inspection Program	2015				
		2015 Capital Budget		500,000	490,296	9,704	
		Lift Station Upgrades	2011				
		2011 Capital Budget		430,000	387,524	42,476	
		Lift Station Upgrades - Pump Replacement	2011				
		2012 Capital Budget		200,000	188,204	11,796	
		Lift Station Upgrades - SCADA/Communications	2012				
		2010 Capital Budget		300,000	317,421	(17,421)	
		Jacob Street Lift Station	2012				
		2011 Capital Budget Enhancement		450,000			
		2011 Capital Budget		200,000			
		2012 Capital Budget		200,000			
				<u>850,000</u>	1,307,141	(457,141)	38

Division	Department	Project Description	Year Started	Total Original Budget	Final Cost	Variance	Notes	
Assets, Citizen & Leisure	Transit	1160 Lorne Street Depot	2010					
		2010 Council Report - Aug 11, 2010 Closed		3,422,800				
		2011 Capital Budget		1,000,000				
		2013 Capital Budget		1,012,392				
		2013 Capital Budget		914,187				
		2014 Capital Budget		890,226				
		Council Resolution CC2012-37		4,631,149				
	Council Resolution CC2015-97		17,016,702					
					28,887,456	25,855,410	3,032,046	39
	Fleet	Vector Truck Equipment	2015					
2014 Capital Budget			400,000	417,692	(17,692)			
Tandem Multi-Function		2015						
	2015 Capital Budget		1,125,000	1,149,025	(24,025)			
	Trackless MT5	2015						
	2015 Capital Budget		290,000	274,346	15,655			
199 Larch Street	Transformer Upgrades	2013						
	2013 Capital Budget		175,000	418,666	(243,666)	40		
	Garage Podium/ Curtainwall Repairs	2014						
	2014 Capital Budget - Garage Podium Roof Repairs		200,000					
	2013 Capital Budget - Structural Repairs (Portion of Budget for Curtainwall)		70,685					
			270,685	337,941	(67,256)	41		
Citizen & Leisure	Nepahwin Lake Park Building							
	2010 Capital Budget - Building Upgrades		50,000					
	2011 Capital Budget - Roof		180,000					
	2014 Capital Budget - Interior and Exterior Building Renovation		80,000					
			310,000	328,833	(18,833)			
	Parks Equipment	2014						
	2008-2011 Combined Capital Budget Surplus Reallocation (as per Council report for Oct 2013 - June 2014 completed capital projects - surplus carry forward to 2014 Parks Equipment)		135,373					
	2012 Capital Budget		100,000					
	2013 Capital Budget		100,000					
	2014 Capital Budget		100,000					
			435,373	451,889	(16,516)			

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	Citizen & Leisure	Chelmsford Arena Council Resolution CS2013-42 2015 Capital Budget - Lobby Refurbishment 2015 Capital Budget - Accessibility Washrooms	2014	2,335,000 160,000 50,000			
				<u>2,545,000</u>	2,731,080	(186,080)	42
		ESA (Safety/Security) Retrofits - Park Services 2012 Capital Budget	2012	200,000	172,173	27,827	
		Raymond Plourde Asbestos Retrofits Council Resolution CC2015-339 (included in 2016 Capital Budget)	2015	374,140	401,140	(27,000)	
Emergency Services	EMS	Ambulance 2015 Capital Budget	2015	621,220	537,185	84,035	43
Health & Social Services	Pioneer Manor	Ceiling Lifts 2013 Capital Budget	2013	350,000	268,278	81,722	44
Outside Boards	Public Safety	Communication Infrastructure 2011 Capital Budget 2012 Capital Budget 2012 Transit Capital Budget 2012 Fire Capital Budget 2013 Capital Budget 2014 Capital Budget 2015 Capital Budget Internal Financing from 2016-2021 Capital Budgets	2011	595,000 906,180 304,000 2,270,074 943,333 950,640 950,640 5,703,840			
				<u>12,623,707</u>	12,578,217	45,490	
Cancelled Projects							
Infrastructure Services	Environmental Services	Hauled Sewage Site Closure 2009 Capital Budget		115,000			45
Assets, Citizen & Leisure	Citizen & Leisure	Splash Park at Bell Park - ACT Partnership 2011 Capital Budget		50,000			46
		Naughton Community Centre - Furnace 2015 Capital Budget		30,000			47
	Tom Davies Square	Expansion Joint 2015 Capital Budget		50,000			48
		Concourse Landscaping Design and Update per Master Plan 2015 Capital Budget		100,000			49
	Assets	Transit - Elm Street Bus Depot - Building Shell Assessment 2015 Capital Budget		10,000			50

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Notes:							
1		Actual expenditures were higher than budgeted due to additional railway work being completed. The overexpenditures were funded from the 2008 Railway Crossing budget.					
2		Actual expenditures were higher than budgeted due to unfavourable tender pricing. The overexpenditures were funded from the 2010-2013 Road Contingency accounts.					
3		Actual expenditures were lower than budgeted due to favourable tender pricing. The surplus was transferred to fund overexpenditures on Elgin Street (\$170K), Vaughan Street (\$45K), David Street (\$40K), and Navanod Road (\$13K). The remaining surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Roads for the 2016 year end.					
4		Actual expenditures were higher than budgeted due to additional storm sewer installations and unfavourable soil conditions. The overexpenditures were funded from Garson Coniston Road (\$203K), Bancroft Drive (\$89K), Surface Treatment Asphalt (\$33K), and Crack Sealing (\$20K).					
5		Actual expenditures were lower than budgeted due to favorable tender pricing. The surplus was transferred to MR15 Bridges account.					
6		Actual expenditures were higher than budgeted due to additional storm sewer work that was required. The overexpenditures were funded from Bancroft Drive.					
7		Actual expenditures were higher than budgeted due to additional work on Elgin Street. The overexpenditures were funded from Lasalle/Barrydowne Intersection (\$13K) and the Roads Contingency account.					
8		Actual expenditures were higher than budgeted due to additional work required due to Water and Wastewater modifications. The overexpenditures were funded from Regent, Bouchard, Southview (\$170K), and the Roads Contingency account.					
9		Actual expenditures were higher than budgeted due to additional lamp post replacements due to safety concerns as well as for the conversion to LED. The overexpenditures were funded from the Roads Contingency account (\$44,240.34), and Errington St (\$150,838.88).					
10		Actual expenditures were higher than budgeted due to additional bridge work needed. The overexpenditures were funded from Hebert St Culvert.					
11		Actual expenditures were lower than budgeted due to favourable tender pricing. The surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Roads for the 2016 year end.					
12		Actual expenditures were higher than budgeted due to unfavourable tender pricing. The overexpenditures were funded from Loach's Road & Windle Drive (\$155K) and Regent/ Bouchard/Southview project.					
13		Actual expenditures were lower than budgeted due to favourable tender pricing. The surplus was moved to David Street (\$90K) and the remaining surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Roads for the 2016 year end.					
14		Actual expenditures were higher than budgeted due to unfavourable tender pricing. The overexpenditures were funded from Elm Street (\$90K), Ronald Crescent (\$35K), Ellen Street (\$23K) and Regent/Bouchard/Southview.					
15		Actual expenditures were lower than budgeted due to favourable tender pricing. The surplus was moved to David Street (\$35K) and the remaining surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Roads for the 2016 year end.					
16		Actual expenditures were lower than budgeted due to favourable tender pricing. The surplus was moved to Navanod Road (\$15K) and the remaining surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Roads for the 2016 year end.					
17		Actual expenditures were lower than budgeted due to favourable tender pricing. The surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Roads for the 2016 year end.					
18		Actual expenditures were higher than budgeted due to the requirement to remove higher quantities of trench rock than initially foreseen and due to poor soil conditions at some sites requiring special stabilization techniques. The overexpenditures were funded from the 2010 Roads Contingency account.					
19		Actual expenditures were lower than budgeted due to less trench rock encountered in the project and the costs of concrete pipe was significantly less than the engineers estimate. The surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Drains and Stormwater Management Reserve Fund for the 2016 year end.					
20		Actual expenditures were lower than budgeted due to favourable tender pricing. The surplus was moved to Jean Street (\$201K) and the remaining will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Water for the 2016 year end.					
21		Actual expenditures were lower than budgeted due to lower than expected tender pricing and some over-estimating. The surplus was moved to the Capital Financing Reserve Fund - Water (\$1M), Design Consultant Costs (\$15K) and the remaining surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Water for the 2016 year end.					
22		Actual expenditures were higher than budgeted due to higher than expected tender pricing and some under-estimating. The overexpenditures were funded from Bancroft Drive (\$194K), Robinson Street (\$175K), and Ontario Street (\$25K).					
23		Actual expenditures were higher than budgeted due to higher than expected tender pricing and some under-estimating. The overexpenditures were funded from Third Avenue.					
24		Actual expenditures were higher than budgeted due to higher than expected tender pricing and some under-estimating. The overexpenditures were funded from Watermain Rehabilitation.					
25		Actual expenditures were lower than budgeted due to lower than expected tender pricing. The surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Water for the 2016 year end.					
26		Actual expenditures were higher than budgeted due to higher than expected tender pricing and some under-estimating. The overexpenditures were funded from Lasalle/Notre Dame Improvements (\$195K) and remainder from Ramsey View Court.					
27		Actual expenditures were higher than budgeted due to higher tendered unit prices than estimated. The overexpenditures were funded from Annual Leak Detection (\$300K), Ramsey Lake Looping (\$110K), Watermain Rehabilitation (\$60K), Foundry St (\$57K), and various other projects under \$5,000.					

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28		Actual expenditures were lower than budgeted due to tendered unit prices were lower than the detailed design unit prices. The surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Water for the 2016 year end.					
29		Actual expenditures were lower than budgeted due to lower than expected tender pricing. The surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Water for the 2016 year end.					
30		Actual expenditures were higher than budgeted due to higher than expected tender pricing. The overexpenditures were funded from Afton Avenue (\$55K) & Madison Avenue (\$10K).					
31		Actual expenditures were higher than budgeted due to higher than expected tender pricing. The overexpenditures were funded from Lasalle/Notre Dame Improvements.					
32		Actual expenditures were lower than estimated due to favourable tender pricing. Funding for this project was from the cancellation of BarryDowne Road watermain project from the 2015 Capital Budget and \$600,000 was reallocated to this project as shown in the Completed Capital Projects for the period of April 2015 to June 2015 as presented to the Finance and Administration Committee in September 2015. This was in accordance with the Emergency Purchase provisions of the Purchasing By-Law and a separate report to Council is to follow.					
33		Actual expenditures were lower than budgeted due to fewer repairs and rehabilitation being required. The surplus was transferred to the 2012 Well Inspections account.					
34		Actual expenditures were lower than budgeted due to over-estimation of costs. The surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Wastewater for the 2016 year end.					
35		Actual expenditures were higher than budgeted due to higher than expected tender pricing and under-estimation of costs. The overexpenditures were funded from Robinson Street (\$101K) and Ontario Street.					
36		Actual expenditures were lower than budgeted due to lower than expected tender pricing and over-estimation. The surplus will be used to cover any anticipated deficits for 2016 capital projects or will be transferred to the Capital Financing Reserve Fund - Wastewater for the 2016 year end.					
37		Actual expenditures were higher than budgeted due to tendered unit prices were higher than the detailed design unit prices. The overexpenditures were funded from additional funding from System Improvements.					
38		Actual expenditures were higher than budgeted due to some site unknowns that were exposed during the construction phase. The overexpenditures were funded from 2014 Lift Station Upgrades (\$180K), 2012 Lift Station Upgrades (\$108K), 2011 Lift Station Upgrades, (\$125K), and recoveries from others (\$4K).					
39		Actual expenditures were lower than budgeted due to lower construction tendered pricing than estimated. As presented to Council in January 2013, the estimated construction cost estimate for the redevelopment was in the range of \$21.75 to \$23.5 million for renovation + \$4.9 million for the purchase of the land and building which resulted in total costs estimated to be in the range of \$26.65 million to \$28.4 million. The surplus has resulted in the acquisition of \$3 million less in external debt than originally planned.					
40		Actual expenditures were higher than budgeted due to additional replacement of associated equipment due to deteriorated condition that was not planned for, as well as additional hoisting costs (ie. use of crane) since parts could not fit within the existing elevator cabs. The overexpenditures were funded from Skylight Replacement (\$80K), Energy Conservation (\$75K), HVAC Documentation (\$50K), Parking Gate Repair (\$43K) and recoveries from others.					
41		Actual expenditures were higher than budgeted due to additional work required due to site conditions (ie. additional work required to meet product warranty requirements, various heating/electrical repairs associated with the revolving door location/curtainwall, and concrete curb repairs due to salt infiltration). The overexpenditures were funded Fire Pump Control (\$29K), Lionel E Lalonde Centre (\$13K) and various other projects under \$10,000.					
42		Actual expenditures were higher than budgeted due to additional work required due to building condition. This additional work included change orders relating to structural issues such as the concrete pad, block wall and flooring and associated contract administration fees. The overexpenditures were funded from Various Facilities - Safety (\$66K), Accessibility (\$50K), Leisure Asset Study (\$20K), Chelmsford Arena Dehumidifier (\$17K), Chelmsford Arena (\$15K), 2014 CD Assets Contingency (\$14K), and recoveries from others (\$2K).					
43		Actual expenditures were lower than budgeted due to favourable pricing and purchasing discounts offered through the manufacturer. The purchase discounts alone totaled over \$42,000. The surplus has been transferred to the Ambulance Reserve Fund.					
44		Actual expenditures were lower than budgeted due to improved pricing and surplus funds were reallocated to other priority projects. The surplus was moved to Floor Lifts (\$15,000), Motomedes (\$8,000) and the remaining balance to contingency.					
45		This project was cancelled as the funds were needed to be drawn upon in the 2016 Capital Budget. Funds were transferred to the Capital Financing Reserve Fund - Environmental Services and subsequently drawn for the 2016 Capital Budget.					
46		This project was cancelled due to the fact that the partnership with ACT didn't materialize. The budget will be reallocated to other splash parks in the City.					
47		This project was cancelled due to the fact that staff at the community centre confirmed the furnace was still in good repair. Of the original budget, \$10,000 was transferred to the Dow Pool, and \$20,000 was transferred to Various Roof Repairs.					
48		This project was cancelled as it was to be funded from the Parking Improvements Reserve Fund in the 2016 Capital Budget. Funds were transferred to the Public Works Building Reserve Fund and was used as funding in the 2016 Capital Budget - Assets/Facilities.					
49		This project was cancelled as it was to be funded from the Parking Improvements Reserve Fund in the 2016 Capital Budget. Funds were transferred to the Public Works Building Reserve Fund and was used in the 2016 Capital Budget - Assets/Facilities.					
50		This project was cancelled to fund other project deficits with greater priority. The funds were reallocated as follows: \$1,450 to 2013 Asset Contingency; \$254 to TDS HVAC; and \$8,296 to the TDS Garage Podium.					