

CITY OF CRYSTAL, MINNESOTA
LONG TERM PLAN
Prepared on October 11, 2018

Prepared by AEM Financial Solutions, LLC.

City of Crystal, Minnesota
Long Term Plan
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AEM Financial Solutions™

October 11, 2018

COMPILATION DISCLOSURE

Honorable Mayor and City Council
City of Crystal
4141 Douglas Drive North
Crystal, MN 55422

We have compiled the accompanying forecasted long-term plan that includes property tax, tax rate, fund balance and debt projections based on input from the City Council and City staff. This projection incorporates estimates through December 31, 2023 for all presented funds. This forecast was compiled in accordance with attestation standards established by the American Institute of Certified Public Accountants.

A compilation is limited to presenting in the form of forecast information that is the representation of management and does not include evaluation of the support for the assumptions underlying the forecast. We have not examined the forecast and, accordingly, do not express an opinion or any other form of assurance on the accompanying statements or assumptions. Furthermore, there will usually be differences between the forecasted and actual results because events and circumstances frequently do not occur as expected, and those differences may be material. We have no responsibility to update this report for events and circumstances occurring after the date of this report.

Sincerely,

AEM FINANCIAL SOLUTIONS, LLC

INTRODUCTORY SECTION

CITY OF CRYSTAL, MINNESOTA
LONG TERM PLAN



AEM Financial Solutions™

October 11, 2018

Honorable Mayor and City Council
City of Crystal
4141 Douglas Drive North
Crystal, MN 55422

Introduction

As discussed in prior communications to the City Council, we have been preparing a long term plan for the City that is intended to give a big picture view of the status now and five years from now. We have measured and projected operations, capital and debt for the City based on assumptions made by management. The City's assumptions made are as follows:

Assumptions

The following assumptions have been used to calculate the projections in this report:

Rates

Interest Earnings	1.00%
Governmental Fund Revenue Growth	3.00%
Governmental Fund Expenditure Growth	3.00%
Water and Sanitary Sewer Funds Based on Utility Rate Analysis	
Storm Drainage Fund Expense Growth ⁽¹⁾	5.00%
General Fund Levy Growth	3.00%
EDA Fund Levy Growth	2.00%
Population Growth	0.49%
Median Home Value Growth	5.00%
Tax Capacity Growth Rate (Including Fiscal Disparities)	5.00%
Governmental Fund Debt Interest Rate	3.00%
Governmental Fund Debt Term	15

⁽¹⁾ Specific enterprise fund assumptions are noted in the Financial Section.

Assumptions with Future Action

- Park Improvement Fund 420 includes a \$3,000,000 project for Becker Park. Funding sources that are anticipated for this project include \$1,200,000 from the EDA Fund and \$500,000 in grants. Another \$120,000 of grant revenue is assumed in 2019 related to the Welcome Park project for the hockey rink, rink lights and playground equipment. Staff will continue to pursue these funding applications.
- Fleet Fund 615 will require an operations and replacement cost analysis in 2019 to establish the future charge out rates for the Fleet Fund. Interfund service revenue was excluded from the analysis at this time. In 2019, the future replacement charge out should be implemented to provide adequate resources for ongoing Fleet capital needs
- Information Technology (IT) Fund 620 was established as an internal service fund to provide for the ongoing operations and replacement of the City's IT services. In 2019, the operations charge out rate was implemented. In 2019, the future replacement charge out should be implemented to provide adequate resources for ongoing IT capital needs.
- Storm Drainage Fund 515 includes several grant assumptions for major infrastructure projects. Anticipated funding sources include: watershed, Met Council, MNDNR and other resources. If these grants are not secured, financing for these projects may need to be considered.
- The City is currently engaged with AEM Financial Solutions for the analysis of utility rates for water and sewer. A five percent growth in annual revenues and expenses was assumed for the purposes of this report. These estimates are subject to change upon completion of the utility rate analysis.

The cash balances in the Sewer fund decrease over the life of this Plan while the Water and Storm Drainage project minimal increases. The utility rate analysis should address these shortfalls and appropriate rate adjustment should be made to ensure adequate resources are available for ongoing maintenance and capital replacement.

Alternative Options for Consideration

- Appendix A and B provide alternatives for the contemplated expansion of the police department facilities.
 - Alternative A - Major Building Replacement Fund 625 includes a \$10,000,000 facility project in 2020 for the contemplated expansion of the police department facilities. Based on available fund balance, \$6,000,000 of debt issuance is anticipated for this project. A 15 year term and 3.00% interest rate has been assumed in the long-term plan. The internal charges from the building fund have been set to cover the annual operations and maintenance cost of City facilities. The annual property tax levy for major building replacement is intended to support future capital facility needs.
 - Alternative B - Building Fund 625 includes an increase in the property tax levy beginning in 2019. 2019 reflects a 2% increase based on the Building Fund property tax levy. 2020 – 2023 reflects a 5% property tax increase based on the overall property tax levy. This alternative allows for the contemplated expansion of the police department facilities to begin in 2023. This alternative is based on the pay as you go methodology.

Key Highlights

- At December 31, 2017 the General fund had a 51.7 percent operating reserve. The Minnesota Office of the State Auditor defines an adequate reserve as 35-50 percent of the General fund expenditures. A 45 percent fund balance reserve has been assumed in the long-term plan. The projected General Fund reserve balance is anticipated to remain at or above 45 percent range throughout the life of this Plan. We anticipate the General fund levy will grow by an average of 3 percent to maintain the desired reserve level.
- The tax levy is projected to increase from \$8.6 million (2019 proposed) to \$10.5 million over the duration of this Plan based on the anticipated debt issuance for the police facility along with other capital levy needs. The levy increase will result in an increase in the projected tax rate, ranging from 48.1 percent (2019 proposed) to 51.1 percent throughout the life of this Plan. A decrease in the tax levy or applicable tax rate is not anticipated, given the capital needs outlined in our report.
 - Tax capacity is assumed to grow at a rate of 5 percent during the duration of this Plan. A growth in tax rate in excess of these projections may result in lower tax rates in future years.
 - The future captured tax increment capacity has not been analyzed for this report and is assumed to remain the same as it was in 2018.
- The annual tax amount for the Median Home is projected to increase from \$850 (2019 proposed) to \$1,070 over the duration of this Plan. A decrease in the tax levy or applicable tax rate is not anticipated, given the capital needs outlined in our report.
- Total debt outstanding is projected to decrease from \$15.9 million (2016 actual) to \$14.3 million over the duration of this Plan. The decrease includes anticipated debt issuance for the police department expansion in 2020 at an estimated \$6 million dollars. As a result, the debt per capita will fall from an estimated \$696 (2016 actual) per household to an estimated \$607 over the duration of this Plan.
- The total cash position of the City is projected to decrease from \$41.4 million (2016 actual) to \$32.7 million over the duration of this Plan. Several funds were not analyzed for the purposes of this report and include a 1 percent interest rate earnings assumption the cash balance. These funds include: TIF Districts, Special Projects, Cable TV Equipment, Recycling, Self Insurance and Hennepin Recycling Group. The actual cash results for the years 2018 - 2023 will vary from the results estimated in this report.

FINANCIAL SECTION

CITY OF CRYSTAL, MINNESOTA
LONG TERM PLAN

City of Crystal, Minnesota
Schedule of Property Taxes Levied and Tax Rates
For the Years Ended December 31, 2017 and 2018 (Actual) and 2019 to 2023 (Estimated)

		2017	2018	2019	2020	2021	2022	2023
		Actual Amounts	Actual Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts
Property Taxes Levied for General Purposes								
100	General	\$ 8,657,000	\$ 9,436,779	\$ 9,716,249	\$ 10,266,584	\$ 10,574,582	\$ 10,891,819	\$ 11,218,574
220	EDA/HRA Funds	277,200	277,200	282,744	288,399	294,167	300,050	306,051
415	Street Capital	163,600	163,600	110,144	116,950	121,628	126,493	131,553
235	PERF Fund	137,400	151,900	154,938	158,037	161,197	164,421	167,710
405	PIR Fund	266,220	301,210	-	-	-	-	-
408	Building Fund	574,400	574,400	585,888	597,606	609,558	621,749	634,184
420	Park Improvements	-	-	248,310	358,914	476,359	593,804	713,804
615	Fleet	-	-	85,680	86,537	87,402	88,276	89,159
620	Information Technology	-	-	159,179	159,902	161,501	163,116	164,747
<i>Subtotal</i>		10,075,820	10,905,089	11,343,132	12,032,929	12,486,394	12,949,729	13,425,782
Property Taxes Levied for Debt Service								
327/420	2005 Pool Bonds	212,000	-	-	-	-	-	-
3XX/408	2020 Facility Bonds (<i>Potential future levy</i>)	-	-	-	-	-	-	-
<i>Subtotal</i>		212,000	-	-	-	-	-	-
Total Taxes Levied		10,287,820	10,905,089	11,343,132	12,032,929	12,486,394	12,949,729	13,425,782
Less: Value of Market Value Levies		(489,200)	-	-	-	-	-	-
Less: Distribution from fiscal disparities		(2,267,618)	(2,186,657)	(2,251,066)	(2,363,619)	(2,481,800)	(2,605,890)	(2,736,185)
City Net Levy		\$ 7,531,002	\$ 8,718,432	\$ 9,092,066	\$ 9,669,309	\$ 10,004,594	\$ 10,343,839	\$ 10,689,597
Tax Capacity								
Personal and Real Estate		\$ 16,716,393	\$ 18,459,975	\$ 19,577,862	\$ 20,556,755	\$ 21,584,593	\$ 22,663,822	\$ 23,797,014
Other assumed net growth factors		-	-	-	-	-	-	-
Less: Contribution to fiscal disparities		(1,082,015)	(1,079,088)	(1,216,174)	(1,276,983)	(1,340,832)	(1,407,873)	(1,478,267)
Less: Tax Increment		(248,944)	(212,599)	(212,599)	(212,599)	(212,599)	(212,599)	(212,599)
Adjusted net tax capacity		\$ 15,385,434	\$ 17,168,288	\$ 18,149,089	\$ 19,067,173	\$ 20,031,162	\$ 21,043,350	\$ 22,106,148

City of Crystal, Minnesota
Schedule of Property Taxes Levied and Tax Rates (Continued)
For the Years Ended December 31, 2017 and 2018 (Actual) and 2019 to 2023 (Estimated)

	2017	2018	2019	2020	2021	2022	2023
	Actual Amounts	Actual Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts
Tax Rates							
General	42.33%	45.09%	44.01%	44.33%	43.32%	42.32%	41.35%
Capital levies	5.58%	5.69%	6.09%	6.38%	6.63%	6.83%	7.01%
Scheduled debt levies	1.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total City Levy Tax Rate	48.949%	50.782%	50.097%	50.712%	49.945%	49.155%	48.356%
Total EDA Tax Rate	1.385%	1.274%	1.244%	1.219%	1.195%	1.171%	1.147%
Population	22,855	22,967	23,080	23,193	23,307	23,307	23,421
Taxes per Capita	\$ 450	\$ 475	\$ 491	\$ 519	\$ 536	\$ 556	\$ 573
Median Home Value (Jan 2)	\$ 166,000	\$ 182,000	\$ 196,000	\$ 205,800	\$ 216,090	\$ 226,895	\$ 238,239
Median Home Taxes (from city)	703	818	884	949	990	1,033	1,075
% change from prior year \$'s	N/A	16%	8%	7%	4%	9%	9%
Tax Levy (\$)							
General	\$ 8,657,000	\$ 9,436,779	\$ 9,716,249	\$ 10,266,584	\$ 10,574,582	\$ 10,891,819	\$ 11,218,574
Capital	1,141,620	1,191,110	1,184,960	1,318,044	1,456,145	1,594,744	1,736,410
Economic Development Authority	277,200	277,200	282,744	288,399	294,167	300,050	306,051
Debt service	212,000	-	-	-	-	-	-
Tax Levy (%)							
General	84%	87%	86%	85%	85%	84%	84%
Capital	11%	11%	10%	11%	12%	12%	13%
Economic Development Authority	3%	3%	2%	2%	2%	2%	2%
Debt service	2%	0%	0%	0%	0%	0%	0%

City of Crystal, Minnesota
Schedule of Annual Fund Cash Balances
For the Years Ended December 31, 2016 and 2017 (Actual) and 2018 to 2023 (Estimated)

		2016	2017	2018	2019	2020	2021	2022	2023	Trend
		Actual Amounts	Actual Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	
Government-Type										
General Operations										
101	General	\$ 7,426,395	\$ 7,380,956	\$ 7,429,826	\$ 7,429,826	\$ 7,429,825	\$ 7,429,824	\$ 7,429,823	\$ 7,429,822	●
Special Revenue										
220	Economic Development Authority	3,758,615	3,190,635	3,203,865	2,174,657	2,091,753	2,003,477	1,909,612	1,809,930	●
*	206-210 TIF Districts Special Revenue	1,795,278	1,817,122	1,835,293	1,853,646	1,872,183	1,890,904	1,909,813	1,928,912	●
*	240-245 Special Projects	86,462	98,913	99,902	99,903	99,904	99,905	99,906	99,907	●
Subtotal		5,640,355	5,106,670	5,139,060	4,128,206	4,063,840	3,994,287	3,919,332	3,838,749	
Debt Service										
329-336	Debt Service	5,731,734	5,282,301	5,219,104	5,164,999	5,119,733	5,077,749	5,044,073	5,044,073	●
Capital Projects										
405	Capital Improvement Revolving	8,440,754	8,229,232	-	-	-	-	-	-	●
415	Street Reconstruction	2,521,416	6,049,965	7,413,645	6,477,926	5,623,305	4,807,006	3,731,066	2,614,478	●
409	Fire Equipment Revolving	585,190	-	-	-	-	-	-	-	●
235	Police Equipment Revolving	3,109,809	3,080,805	2,937,313	2,889,424	2,855,655	2,834,509	2,828,076	2,787,866	●
410	Street Maintenance	1,587,990	1,696,364	-	-	-	-	-	-	●
420	Park Improvement	-	210,780	1,665,617	762,583	618,123	569,663	613,164	757,100	●
*	404 Cable TV Equipment	69,757	108,477	109,562	110,657	111,764	112,882	114,010	115,151	●
Subtotal		16,314,916	19,375,623	12,126,137	10,240,591	9,208,847	8,324,060	7,286,316	6,274,594	
Total - Governmental-type Funds		35,113,400	37,145,550	29,914,128	26,963,623	25,822,245	24,825,920	23,679,544	22,587,239	
Internal Service										
620	Information Technology	-	-	243,971	99,943	(61,393)	(201,568)	(315,284)	(434,254)	●
408/625	Building	138,213	644,615	2,840,685	3,462,217	4,152,681	5,041,501	6,110,399	7,030,420	●
615	Fleet	-	-	2,286,993	1,695,903	1,112,758	735,648	253,641	(161,304)	●
*	605 Self Insurance	960,549	898,302	907,285	916,358	925,521	934,777	944,124	953,566	●
Total - Internal Service-type Funds		1,098,762	1,542,917	6,278,933	6,174,421	6,129,568	6,510,358	6,992,881	7,388,429	

City of Crystal, Minnesota
Schedule of Annual Fund Cash Balances (Continued)
For the Years Ended December 31, 2016 and 2017 (Actual) and 2018 to 2023 (Estimated)

		2016	2017	2018	2019	2020	2021	2022	2023	
		Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Trend
		Amounts								
Business-Type										
Enterprise Funds										
505	Water	\$ 438,599	\$ 953,039	\$ 883,683	\$ 713,529	\$ 544,773	\$ 674,455	\$ 1,185,656	\$ 1,769,805	●
510	Sewer	2,312,443	2,121,076	2,000,385	1,605,700	1,339,647	1,367,415	1,316,558	1,569,656	●
515	Storm Drainage	379,568	787,914	1,384,970	592,250	1,198,320	1,092,958	1,220,675	1,655,509	●
520	Street Lights	387,731	488,501	586,061	633,156	693,242	746,131	791,364	(171,548)	●
*	525 Recycling	109,314	120,021	121,221	122,433	123,658	124,894	126,143	127,405	●
Total - Business-type Funds		3,627,655	4,470,551	4,976,320	3,667,068	3,899,639	4,005,854	4,640,396	4,950,828	
Agency Fund										
*	250 Hennepin Recycling Group	1,704,244	1,399,536	1,413,531	1,427,667	1,441,943	1,456,363	1,470,926	1,485,636	●
Grand Total - City		\$ 41,544,061	\$ 44,558,554	\$ 42,582,912	\$ 38,232,778	\$ 37,293,395	\$ 36,798,494	\$ 36,783,747	\$ 36,412,131	

* Annual growth in fund balance of 1% assumed

Trend indicator

- Adequate for reserve levels
- Adequate as of 2016 but decreasing balances, watch
- Below targeted reserve levels and should have a plan to address
- The fund has events in the future that need addressing now

City of Crystal, Minnesota
 Outstanding Debt Schedule
 For the Years Ended December 31, 2016 and 2017 (Actual) and 2018 to 2023 (Estimated)

Fund	Issue	Original Issue	Issue Date	Maturity Date	Interest Rate	2016	2017	2018	2019	2020	2021	2022	2023
						Actual Balance	Actual Balance	Estimated Balance	Estimated Balance	Estimated Balance	Estimated Balance	Estimated Balance	Estimated Balance
Government-Type													
<i>General Obligation Bonds</i>													
	327	2005B General Obligation Aquatic Center Bond	\$ 2,395,000	9/1/2005	2/1/2020	3.50-4.00%	% \$ 765,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	326	2005A Special Assessment	1,440,000	9/14/2005	2/1/2021	3.50-4.00%	-	-	-	-	-	-	-
	328	2006A Special Assessment	1,855,000	6/29/2006	2/1/2022	3.75-4.20%	-	-	-	-	-	-	-
	329	2008A Special Assessment	2,190,000	8/1/2008	2/1/2024	3.50-4.35%	1,045,000	900,000	760,000	625,000	495,000	365,000	240,000
	330	2009A Special Assessment	3,360,000	7/21/2009	2/1/2030	2.00-4.50%	2,200,000	2,020,000	1,845,000	1,675,000	1,505,000	1,340,000	1,180,000
	331	2013B Street Reconstruction	85,940				85,940	-	-	-	-	-	-
	332	2011A Special Assessment	1,705,000	7/19/2011	2/1/2027	0.50-3.55%	1,155,000	1,030,000	910,000	795,000	685,000	575,000	470,000
	333	2012A Special Assessment	2,635,000	7/16/2013	2/1/2028	0.50-3.55%	2,000,000	1,805,000	1,615,000	1,430,000	1,250,000	1,080,000	915,000
	334	2013A Special Assessment	3,235,000	6/17/2015	2/1/2029	0.50-3.55%	2,770,000	2,525,000	2,285,000	2,050,000	1,825,000	1,605,000	1,390,000
	335	2015A Special Assessment	2,550,000	7/16/2015	2/1/2031	2.50-3.00%	2,550,000	2,325,000	2,130,000	1,940,000	1,755,000	1,575,000	1,400,000
	336	2016A Special Assessment	3,330,000	8/25/2016	2/1/2032	2.00-2.50%	3,330,000	3,330,000	3,050,000	2,795,000	2,550,000	2,310,000	2,075,000
	337	2017A Special Assessment	4,665,000	9/14/2017	2/1/2033	2.00-3.00%	-	4,665,000	4,665,000	4,250,000	3,920,000	3,595,000	3,280,000
		<i>Total G.O. Tax Bonds</i>	<u>29,445,940</u>				<u>15,900,940</u>	<u>18,600,000</u>	<u>17,260,000</u>	<u>15,560,000</u>	<u>13,985,000</u>	<u>12,445,000</u>	<u>10,950,000</u>
		Total Government-Type	<u>\$ 29,445,940</u>				<u>\$ 15,900,940</u>	<u>\$ 18,600,000</u>	<u>\$ 17,260,000</u>	<u>\$ 15,560,000</u>	<u>\$ 13,985,000</u>	<u>\$ 12,445,000</u>	<u>\$ 10,950,000</u>
		Population					22,855	22,855	22,967	23,080	23,193	23,307	23,421
		Debt Per Capita - total					\$ 696	\$ 814	\$ 752	\$ 674	\$ 603	\$ 534	\$ 468

City of Crystal, Minnesota
 Capital Improvement Plan - Street Capital Fund 415
 Schedule of Planned Capital Outlay 2017 to 2023

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts	Estimated Amounts				
Public works	2018	Flashing yellow arrows at county signals	\$ 32,000	\$ 32,000	\$ -	\$ -	\$ -	\$ -	\$ -
Public works	2018	Phase 16 Skyway remaining costs	311,747	311,747	-	-	-	-	-
Public works	2019	Sidewalk shaving (trip hazard removal)	20,000	-	20,000	-	-	-	-
Public works	2019	Misc concrete work	55,000	-	55,000	-	-	-	-
Public works	2019	Winpark Drive Reconstruction	225,000	-	225,000	-	-	-	-
Public works	2019	Contract mill and overlay	500,000	-	500,000	-	-	-	-
Public works	2019	Crack sealing	10,000	-	10,000	-	-	-	-
Public works	2019	Flashing yellow arrows	20,000	-	20,000	-	-	-	-
Public works	2019	ADA Ped Ramp replacements	60,000	-	60,000	-	-	-	-
Public works	2020	In house mill and overlay	52,500	-	-	52,500	-	-	-
Public works	2020	Sidewalk shaving (trip hazard removal)	20,000	-	-	20,000	-	-	-
Public works	2020	Misc concrete work	56,650	-	-	56,650	-	-	-
Public works	2020	Contract mill and overlay	525,000	-	-	525,000	-	-	-
Public works	2020	Crack sealing	10,000	-	-	10,000	-	-	-
Public works	2020	Flashing yellow arrows	26,000	-	-	26,000	-	-	-
Public works	2020	Replace retaining wall Douglas and 36th	75,000	-	-	75,000	-	-	-
Public works	2020	ADA Ped Ramp replacements	41,200	-	-	41,200	-	-	-
Public works	2021	In house mill and overlay	55,125	-	-	-	55,125	-	-
Public works	2021	Sidewalk shaving (trip hazard removal)	20,000	-	-	-	20,000	-	-
Public works	2021	Misc concrete work	58,350	-	-	-	58,350	-	-
Public works	2021	Contract mill and overlay	551,250	-	-	-	551,250	-	-
Public works	2021	Crack sealing	10,000	-	-	-	10,000	-	-
Public works	2021	Flashing yellow arrows	27,000	-	-	-	27,000	-	-
Public works	2021	ADA Ped Ramp replacements	42,436	-	-	-	42,436	-	-
Public works	2022	In house mill and overlay	57,881	-	-	-	-	57,881	-
Public works	2022	Sidewalk shaving (trip hazard removal)	20,000	-	-	-	-	20,000	-
Public works	2022	Misc concrete work	60,100	-	-	-	-	60,100	-
Public works	2022	Contract mill and overlay	578,813	-	-	-	-	578,813	-
Public works	2022	Crack sealing	10,000	-	-	-	-	10,000	-
Public works	2022	Construct sidewalk on W. Broadway gap	250,000	-	-	-	-	250,000	-
Public works	2022	ADA Ped Ramp replacements	43,709	-	-	-	-	43,709	-
Public works	2023	In house mill and overlay	60,775	-	-	-	-	-	60,775
Public works	2023	Sidewalk shaving (trip hazard removal)	20,000	-	-	-	-	-	20,000
Public works	2023	Misc concrete work	61,903	-	-	-	-	-	61,903
Public works	2023	Contract mill and overlay	607,753	-	-	-	-	-	607,753
Public works	2023	Crack sealing	10,000	-	-	-	-	-	10,000
Public works	2023	Regent Ave mini-roundabout	250,000	-	-	-	-	-	250,000
Public works	2023	ADA Ped Ramp replacements	45,020	-	-	-	-	-	45,020
				<u>\$ 343,747</u>	<u>\$ 890,000</u>	<u>\$ 806,350</u>	<u>\$ 764,161</u>	<u>\$ 1,020,503</u>	<u>\$ 1,055,452</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Street Capital Fund 415
 Schedule of Projected Revenue, Expenditures and Debt

Capital Project Fund Projected Activity

	2018	2019	2020	2021	2022	2023
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
Revenues						
Property taxes (4% increase, annually, beginning in 2021) *	\$ 163,600	\$ 110,144	\$ 116,950	\$ 121,628	\$ 126,493	\$ 131,553
Interest on investments	77,463	74,136	64,779	56,233	48,070	37,311
Franchise fees	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-
Total Revenues	<u>241,063</u>	<u>184,280</u>	<u>181,729</u>	<u>177,861</u>	<u>174,563</u>	<u>168,864</u>
Expenditures						
Capital outlay						
Public works	343,747	890,000	806,350	764,161	1,020,503	1,055,452
Total Expenditures	<u>343,747</u>	<u>890,000</u>	<u>806,350</u>	<u>764,161</u>	<u>1,020,503</u>	<u>1,055,452</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	<u>(102,684)</u>	<u>(705,720)</u>	<u>(624,621)</u>	<u>(586,299)</u>	<u>(845,940)</u>	<u>(886,588)</u>
Other Financing Sources						
Transfers in	-	-	-	-	-	-
Intergovernmental revenue (Municipal State Aid - MSA)	(230,000)	(230,000)	(230,000)	(230,000)	(230,000)	(230,000)
Bond proceeds	-	-	-	-	-	-
Sale of Fixed Asset	-	-	-	-	-	-
Total Other Financing Sources	<u>(230,000)</u>	<u>(230,000)</u>	<u>(230,000)</u>	<u>(230,000)</u>	<u>(230,000)</u>	<u>(230,000)</u>
Net Change in Fund Balances	<u>(332,684)</u>	<u>(935,720)</u>	<u>(854,621)</u>	<u>(816,299)</u>	<u>(1,075,940)</u>	<u>(1,116,588)</u>
Fund Balances, January 1	<u>7,746,329</u>	<u>7,413,645</u>	<u>6,477,926</u>	<u>5,623,305</u>	<u>4,807,006</u>	<u>3,731,066</u>
Fund Balances, December 31	<u>\$ 7,413,645</u>	<u>\$ 6,477,926</u>	<u>\$ 5,623,305</u>	<u>\$ 4,807,006</u>	<u>\$ 3,731,066</u>	<u>\$ 2,614,478</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Police Equipment Revolving Fund 235
 Schedule of Planned Capital Outlay 2018 to 2023

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
Police	2018	2014 Ford Interceptor utility	\$ 47,000	\$ 47,000	\$ -	\$ -	\$ -	\$ -	\$ -
Police	2018	2014 Ford Interceptor utility	47,000	47,000	-	-	-	-	-
Police	2018	Don't currently have a #216	47,000	47,000	-	-	-	-	-
Police	2018	Mobile radios (\$5,000 each)	17,100	17,100	-	-	-	-	-
Police	2018	Mobile data tablets (\$4,000 each)	12,000	12,000	-	-	-	-	-
Police	2018	X-26 tasers (\$1,900 each)	1,900	1,900	-	-	-	-	-
Police	2018	Body cameras	25,000	25,000	-	-	-	-	-
Police	2018	Portable radios (\$3,000 each)	90,000	90,000	-	-	-	-	-
Police	2018	Bulletproof vests - mass replacement	2,000	2,000	-	-	-	-	-
Police	2018	Tactical vests (\$3,600 each)	7,200	7,200	-	-	-	-	-
Police	2018	F.A.T.S (Firearms Tactical Simulator)	45,000	45,000	-	-	-	-	-
Police	2019	2014 Ford Interceptor utility	35,000	-	35,000	-	-	-	-
Police	2019	2015 Ford F150 crew cab	50,000	-	50,000	-	-	-	-
Police	2019	2010 Ford Crown Victoria	50,000	-	50,000	-	-	-	-
Police	2019	2013 Ford Interceptor sedan	5,000	-	5,000	-	-	-	-
Police	2019	2009 Chevy Impala, blue unmarked	35,000	-	35,000	-	-	-	-
Police	2019	Mobile data tablets (\$4,000 each)	8,000	-	8,000	-	-	-	-
Police	2019	Handgun Replacement	45,000	-	45,000	-	-	-	-
Police	2019	Rifle replacement with MP5's/Replace Sniper Rifle	7,000	-	7,000	-	-	-	-
Police	2019	Bulletproof vests - mass replacement	5,000	-	5,000	-	-	-	-
Police	2019	Tactical vests (\$3,600 each)	7,200	-	7,200	-	-	-	-
Police	2020	2011 Ford Crown Victoria	50,000	-	-	50,000	-	-	-
Police	2020	2016 Ford Interceptor utility	50,000	-	-	50,000	-	-	-
Police	2020	2016 Ford Interceptor utility	50,000	-	-	50,000	-	-	-
Police	2020	2012 Dodge Journey, gray unmarked	35,000	-	-	35,000	-	-	-
Police	2020	Mobile data tablets (\$4,000 each)	12,000	-	-	12,000	-	-	-
Police	2020	Rifle replacement with MP5's/Replace Sniper Rifle	16,500	-	-	16,500	-	-	-
Police	2020	Bulletproof vests - mass replacement	15,000	-	-	15,000	-	-	-
Police	2020	Tactical vests (\$3,600 each)	7,200	-	-	7,200	-	-	-
Police	2021	2013 Ford Interceptor utility	49,000	-	-	-	49,000	-	-
Police	2021	2007 Chevy Impala, blue unmarked	30,000	-	-	-	30,000	-	-
Police	2021	2013 Ford Interceptor utility	49,000	-	-	-	49,000	-	-
Police	2021	2009 Ford Crown Victoria, gray unmarked	35,000	-	-	-	35,000	-	-
Police	2021	2010 Ford Crown Victoria	49,000	-	-	-	49,000	-	-
Police	2021	Mobile data tablets (\$4,000 each)	12,000	-	-	-	12,000	-	-
Police	2021	X-26 tasers (\$1,900 each)	1,900	-	-	-	1,900	-	-
Police	2022	2014 Ford Interceptor utility	52,000	-	-	-	-	52,000	-
Police	2022	2014 Ford Interceptor utility	52,000	-	-	-	-	52,000	-
Police	2022	Don't currently have a #216	52,000	-	-	-	-	52,000	-
Police	2022	Mobile data tablets (\$4,000 each)	12,000	-	-	-	-	12,000	-
Police	2022	Mobile radar/lidar replacement (\$4,000 each)	12,000	-	-	-	-	12,000	-
Police	2022	In-squad digital video equipment (\$6,000 each)	21,000	-	-	-	-	21,000	-
Police	2022	Bulletproof vests - mass replacement	6,000	-	-	-	-	6,000	-
Police	2022	Tactical vests (\$3,600 each)	7,200	-	-	-	-	7,200	-
Police	2023	2007 Chevy Impala, blue unmarked	40,000	-	-	-	-	-	40,000
Police	2023	2015 Ford F150 crew cab	52,000	-	-	-	-	-	52,000
Police	2023	2009 Chevy Impala, brown unmarked	40,000	-	-	-	-	-	40,000
Police	2023	2010 Ford Crown Victoria	52,000	-	-	-	-	-	52,000
Police	2023	Mobile data tablets (\$4,000 each)	12,000	-	-	-	-	-	12,000
Police	2023	In-squad digital video equipment (\$6,000 each)	14,000	-	-	-	-	-	14,000
Police	2023	Body cameras	30,000	-	-	-	-	-	30,000
Police	2023	Bulletproof vests - mass replacement	4,000	-	-	-	-	-	4,000
Police	2023	Tactical vests (\$3,600 each)	7,200	-	-	-	-	-	7,200
				<u>\$ 341,200</u>	<u>\$ 247,200</u>	<u>\$ 235,700</u>	<u>\$ 225,900</u>	<u>\$ 214,200</u>	<u>\$ 251,200</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Police Equipment Revolving Fund 235
 Schedule of Projected Revenue, Expenditures and Debt

Capital Project Fund Projected Activity

	2018	2019	2020	2021	2022	2023
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
Revenues						
Property taxes (2% increase, annually, beginning in 2019)	\$ 151,900	\$ 154,938	\$ 158,037	\$ 161,197	\$ 164,421	\$ 167,710
Interest on investments	30,808	29,373	28,894	28,557	28,345	28,281
Miscellaneous	-	-	-	-	-	-
Total Revenues	182,708	184,311	186,931	189,754	192,767	195,991
Expenditures						
Capital outlay						
Public safety	341,200	247,200	235,700	225,900	214,200	251,200
Total Expenditures	341,200	247,200	235,700	225,900	214,200	251,200
Excess (Deficiency) of Revenues Over (Under) Expenditures	(158,492)	(62,889)	(48,769)	(36,146)	(21,433)	(55,209)
Other Financing Sources						
Transfer in	-	-	-	-	-	-
Bond proceeds	-	-	-	-	-	-
Sale of Fixed Asset	15,000	15,000	15,000	15,000	15,000	15,000
Transfers out	-	-	-	-	-	-
Total Other Financing Sources	15,000	15,000	15,000	15,000	15,000	15,000
Net Change in Fund Balances	(143,492)	(47,889)	(33,769)	(21,146)	(6,433)	(40,209)
Fund Balances, January 1	3,080,805	2,937,313	2,889,424	2,855,655	2,834,509	2,828,076
Fund Balances, December 31	\$ 2,937,313	\$ 2,889,424	\$ 2,855,655	\$ 2,834,509	\$ 2,828,076	\$ 2,787,866

City of Crystal, Minnesota
 Capital Improvement Plan - Park Improvements 420
 Schedule of Planned Capital Outlay 2018 to 2023

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts
Recreation	2018	New Park Name Signage	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -
Recreation	2018	Replace trash receptacle and recycling bins (HRG grant)	2,500	2,500	-	-	-	-	-
Recreation	2018	Welcome Park	738,000	738,000	-	-	-	-	-
Recreation	2019	New Park Name Signage	10,000	-	10,000	-	-	-	-
Recreation	2019	ALL Pavement (Parking @ Trails)	25,000	-	25,000	-	-	-	-
Recreation	2019	DP Becker	1,200,000	-	1,200,000	-	-	-	-
Recreation	2019	DP Becker	1,800,000	-	1,800,000	-	-	-	-
Recreation	2019	Lounge Chairs	18,000	-	18,000	-	-	-	-
Recreation	2019	Chair / Table Replacement	12,000	-	12,000	-	-	-	-
Recreation	2019	Staging & Risers	10,000	-	10,000	-	-	-	-
Recreation	2020	New Park Name Signage	10,000	-	-	10,000	-	-	-
Recreation	2020	ALL Pavement (Parking @ Trails)	25,000	-	-	25,000	-	-	-
Recreation	2020	NP Fair Play Area (1999)	160,000	-	-	160,000	-	-	-
Recreation	2020	CP Welcome Play Area (1997)	275,000	-	-	275,000	-	-	-
Recreation	2020	NP Shelter - Broadway	65,000	-	-	65,000	-	-	-
Recreation	2021	New Park Name Signage	10,000	-	-	-	10,000	-	-
Recreation	2021	ALL Pavement (Parking @ Trails)	25,000	-	-	-	25,000	-	-
Recreation	2021	CP Valley Place PA (2001)	275,000	-	-	-	275,000	-	-
Recreation	2021	NP Yunkers (2001)	150,000	-	-	-	150,000	-	-
Recreation	2021	NP Shelter - Crystal Highlands	65,000	-	-	-	65,000	-	-
Recreation	2021	CP Dog Park - Bassett Creek	30,000	-	-	-	30,000	-	-
Recreation	2022	ALL Pavement (Parking @ Trails)	25,000	-	-	-	-	25,000	-
Recreation	2022	CP Dog Park - Bassett Creek	30,000	-	-	-	-	30,000	-
Recreation	2022	CP Soccer Field - North Lions	525,000	-	-	-	-	525,000	-
Recreation	2023	ALL Pavement (Parking @ Trails)	25,000	-	-	-	-	-	25,000
Recreation	2023	CP Re-Surface Courts - North Lions	50,000	-	-	-	-	-	50,000
Recreation	2023	NP Broadway (1999)	150,000	-	-	-	-	-	150,000
Recreation	2023	CP Park Building - Bassett Creek	375,000	-	-	-	-	-	375,000
Recreation	2024	ALL Pavement (Parking @ Trails)	25,000	-	-	-	-	-	-
Recreation	2024	CP Park Building - Bassett Creek	525,000	-	-	-	-	-	-
Recreation	2024	CP Ped Bridge - Bassett Creek	75,000	-	-	-	-	-	-
				<u>\$ 750,500</u>	<u>\$ 3,075,000</u>	<u>\$ 535,000</u>	<u>\$ 555,000</u>	<u>\$ 580,000</u>	<u>\$ 600,000</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Park Improvements 420
 Schedule of Projected Revenue, Expenditures and Debt

Capital Project Fund Projected Activity

	2018	2019	2020	2021	2022	2023
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
Revenues						
Property taxes (1% overall levy increase, annually, beginning in 2020)	\$ -	\$ 248,310	\$ 358,914	\$ 476,359	\$ 593,804	\$ 713,804
Interest on investments	-	16,656	7,626	6,181	5,697	6,132
Intergovernmental revenue (HCYSPG grants)	-	620,000	-	-	-	-
Miscellaneous	-	-	-	-	-	-
Total Revenues	-	884,966	366,540	482,540	599,501	719,936
Expenditures						
Capital outlay						
General government	750,500	3,075,000	535,000	555,000	580,000	600,000
Total Expenditures	750,500	3,075,000	535,000	555,000	580,000	600,000
Excess (Deficiency) of Revenues Over (Under) Expenditures	(750,500)	(2,190,034)	(168,460)	(72,460)	19,501	119,936
Other Financing Sources						
Transfers in						
EDA	-	1,200,000	-	-	-	-
PIR	2,145,117	-	-	-	-	-
Sale of fixed assets	271,000	87,000	24,000	24,000	24,000	24,000
Transfers out	-	-	-	-	-	-
Total Other Financing Sources	2,416,117	1,287,000	24,000	24,000	24,000	24,000
Net Change in Fund Balances	1,665,617	(903,034)	(144,460)	(48,460)	43,501	143,936
Fund Balances, January 1	-	1,665,617	762,583	618,123	569,663	613,164
Fund Balances, December 31	\$ 1,665,617	\$ 762,583	\$ 618,123	\$ 569,663	\$ 613,164	\$ 757,100

City of Crystal, Minnesota
Capital Improvement Plan - Building Fund 408/625
Schedule of Planned Capital Outlay 2018 to 2023

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
City Buildings	2018	City Hall - office cubes and desks	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
City Buildings	2018	City Hall - replace fire alarm panel	2,000	2,000	-	-	-	-	-
City Buildings	2018	City Hall & CCC - front end UNC for HVAC system	33,000	33,000	-	-	-	-	-
City Buildings	2018	City Hall - Chamber window film/lights	7,500	7,500	-	-	-	-	-
City Buildings	2018	Fire - South - replace water heater	7,000	7,000	-	-	-	-	-
City Buildings	2018	Fire - South - rehab stairway to roof	7,000	7,000	-	-	-	-	-
City Buildings	2018	Fire - North - tuckpoint walls	5,000	5,000	-	-	-	-	-
City Buildings	2018	Water walk cargo net	7,000	7,000	-	-	-	-	-
City Buildings	2018	Replace pool heaters	20,000	20,000	-	-	-	-	-
City Buildings	2018	Extend irrigation system	15,000	15,000	-	-	-	-	-
City Buildings	2018	Add windows and screens to louvers of pool building	20,000	20,000	-	-	-	-	-
City Buildings	2018	Update entryway of pool building	200,000	200,000	-	-	-	-	-
City Buildings	2018	Rehab/recoat pool building floor	40,000	40,000	-	-	-	-	-
City Buildings	2018	Repair tile and plaster inside pool	15,000	15,000	-	-	-	-	-
City Buildings	2018	Umbrella and/or fabric replacement program	33,000	33,000	-	-	-	-	-
City Buildings	2018	Skylight/Roof renovation	145,000	145,000	-	-	-	-	-
City Buildings	2018	Replace LCD projector and add smart board	8,000	8,000	-	-	-	-	-
City Buildings	2018	Replace convection ovens (2)	10,000	10,000	-	-	-	-	-
City Buildings	2018	Activity room - reface cabinets	5,000	5,000	-	-	-	-	-
City Buildings	2018	Replace Community Center lighted marquee	40,000	40,000	-	-	-	-	-
City Buildings	2018	Front desk security/update	20,000	20,000	-	-	-	-	-
City Buildings	2019	2019 Capital requests	307,000	-	307,000	-	-	-	-
City Buildings	2019	Repair/repaint east side of City Hall	24,000	-	24,000	-	-	-	-
City Buildings	2019	Paint South Fire station	32,000	-	32,000	-	-	-	-
City Buildings	2019	Replace service doors at South fire station	10,000	-	10,000	-	-	-	-
City Buildings	2019	Replace service doors at PD lower lot	10,000	-	10,000	-	-	-	-
City Buildings	2019	Replace tube (bay area) heaters at north station	6,000	-	6,000	-	-	-	-
City Buildings	2019	Replace irrigation system at north fire station	10,000	-	10,000	-	-	-	-
City Buildings	2019	Replace 'Teacup' Water Feature	25,000	-	25,000	-	-	-	-
City Buildings	2019	Paint Bridge & Diving Board	30,000	-	30,000	-	-	-	-
City Buildings	2019	Heater #2 (pool water)	20,000	-	20,000	-	-	-	-
City Buildings	2019	LED Lights - Gyms/storage/restrooms	26,500	-	26,500	-	-	-	-
City Buildings	2019	Painting Mtg. rooms, hallway, etc.	8,000	-	8,000	-	-	-	-
City Buildings	2019	Landscaping on SE side	15,000	-	15,000	-	-	-	-
City Buildings	2019	Temp./Light Controls - gyms	24,000	-	24,000	-	-	-	-
City Buildings	2020	City Hall Furniture / Remodel	110,000	-	-	110,000	-	-	-
City Buildings	2020	2020 Capital requests	10,000	-	-	10,000	-	-	-
City Buildings	2020	Generator for City Hall	225,000	-	-	225,000	-	-	-
City Buildings	2020	Replace tube (bay area) heaters at north station	6,000	-	-	6,000	-	-	-
City Buildings	2020	Re-Landscape City Hall south and west sides	20,000	-	-	20,000	-	-	-
City Buildings	2020	City Hall fire alarm system upgrade	9,000	-	-	9,000	-	-	-
City Buildings	2020	Coat Zero Depth Slide	8,000	-	-	8,000	-	-	-
City Buildings	2020	Irrigation for Front of Building	15,000	-	-	15,000	-	-	-
City Buildings	2020	Gazebo for Bday Party Rental	15,000	-	-	15,000	-	-	-

City of Crystal, Minnesota
 Capital Improvement Plan - Building Fund 408/625
 Schedule of Planned Capital Outlay 2018 to 2023 (Continued)

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
City Buildings	2020	LED Lights - Office/Meeting Rooms	\$ 25,500	\$ -	\$ -	\$ 25,500	\$ -	\$ -	\$ -
City Buildings	2020	Bask. Hoop Safety Straps/Maint	10,000	-	-	10,000	-	-	-
City Buildings	2020	Meeting Room Window Treatments	9,000	-	-	9,000	-	-	-
City Buildings	2020	Entryway Mats	12,000	-	-	12,000	-	-	-
City Buildings	2020	Temp./Light Controls (Kitchen/Sr.)	12,000	-	-	12,000	-	-	-
City Buildings	2020	Temp./Light Controls (Office/Mtg.)	10,000	-	-	10,000	-	-	-
City Buildings	2021	Replace roof at south fire station	90,000	-	-	-	90,000	-	-
City Buildings	2021	Add roof access to south fire station	7,000	-	-	-	7,000	-	-
City Buildings	2021	Pool Umbrella Fabric	15,000	-	-	-	15,000	-	-
City Buildings	2021	New Water Feature	25,000	-	-	-	25,000	-	-
City Buildings	2021	Parking Lot Improvements	140,000	-	-	-	140,000	-	-
City Buildings	2021	Parking Lot / Building Lights	40,000	-	-	-	40,000	-	-
City Buildings	2022	Replace council chambers carpet	15,000	-	-	-	-	15,000	-
City Buildings	2022	Replace generator at north fire station	26,000	-	-	-	-	26,000	-
City Buildings	2022	Replace generator at south fire station	26,000	-	-	-	-	26,000	-
City Buildings	2022	Pool Cargo Net	8,000	-	-	-	-	8,000	-
City Buildings	2022	Replace Building Louvers	50,000	-	-	-	-	50,000	-
City Buildings	2022	Dishwasher	18,000	-	-	-	-	18,000	-
City Buildings	2022	Replace Floor Scrubber	15,000	-	-	-	-	15,000	-
City Buildings	2023	Replace City Hall cubicles	75,000	-	-	-	-	-	75,000
City Buildings	2023	Replace City Hall carpet	15,000	-	-	-	-	-	15,000
City Buildings	2023	New Water Feature	25,000	-	-	-	-	-	25,000
City Buildings	2023	Replace Water Walk Pads	15,000	-	-	-	-	-	15,000
City Buildings	2023	Replace Sand in Filters	10,000	-	-	-	-	-	10,000
City Buildings	2023	Entrance Fascade	150,000	-	-	-	-	-	150,000
City Buildings	2023	Air Handler (Office & Mtg Rooms)	40,000	-	-	-	-	-	40,000
				<u>\$ 741,518</u>	<u>\$ 549,519</u>	<u>\$ 498,520</u>	<u>\$ 319,021</u>	<u>\$ 160,022</u>	<u>\$ 332,023</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Building Fund 408/625
 Schedule of Projected Revenue, Expenditures and Debt

Capital Project Fund Projected Activity

	2018	2019	2020	2021	2022	2023
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
	Amounts	Amounts	Amounts	Amounts	Amounts	Amounts
Revenues						
Property taxes (2% increase, annually in 2019- 2023)	\$ 574,400	\$ 585,888	\$ 597,606	\$ 609,558	\$ 621,749	\$ 634,184
Internal charges	-	276,302	288,250	302,663	317,796	333,685
Interest on investments	6,446	28,407	34,622	41,527	50,415	61,104
Intergovernmental revenue (local government aid, 0% increase projected)	-	556,756	556,756	556,756	556,756	556,756
Miscellaneous	-	-	-	-	-	-
Total Revenues	580,846	1,447,353	1,477,234	1,510,503	1,546,716	1,585,730
Expenditures						
Personnel expenses	-	276,302	288,250	302,663	317,796	333,685
Capital outlay						
Parks & Recreation	741,518	549,519	498,520	319,021	160,022	332,023
Total Expenditures	741,518	825,821	786,770	621,684	477,818	665,708
Excess (Deficiency) of Revenues Over (Under) Expenditures	(160,672)	621,532	690,464	888,820	1,068,898	920,021
Other Financing Sources						
Bond proceeds	-	-	-	-	-	-
Transfers in	2,356,742	-	-	-	-	-
Total Other Financing Sources	2,356,742	-	-	-	-	-
Net Change in Fund Balances	2,196,070	621,532	690,464	888,820	1,068,898	920,021
Fund Balances, January 1	644,615	2,840,685	3,462,217	4,152,681	5,041,501	6,110,399
Fund Balances, December 31	\$ 2,840,685	\$ 3,462,217	\$ 4,152,681	\$ 5,041,501	\$ 6,110,399	\$ 7,030,420

City of Crystal, Minnesota
 Capital Improvement Plan - Fleet Fund 615
 Schedule of Planned Capital Outlay 2018 to 2023

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
Public Works	2018	Replace #308 - 2002 Chevy Silverado 3/4 ton (sign truck)	\$ 90,000	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -
Public Works	2018	Replace #329 - 2004 John Deere front end loader	220,000	220,000	-	-	-	-	-
Public Works	2018	Replace #302B - broom for 2006 MT5T trackless plow	8,000	8,000	-	-	-	-	-
Public Works	2018	Replace #121 - 1988 John Deere tractor	85,000	85,000	-	-	-	-	-
Public Works	2018	Replace #124 - 2007 Toro GM4000-D mower	63,000	63,000	-	-	-	-	-
Public Works	2019	Replace #315 - 2006 Freightliner SA with TA hook	265,000	-	265,000	-	-	-	-
Public Works	2019	Replace #325 - 2000 Ingersoll Rand 1 ton roller	50,000	-	50,000	-	-	-	-
Public Works	2019	Replace #308 - 2002 Chevy sign/fleet truck	90,000	-	90,000	-	-	-	-
Public Works	2019	Z Turn Mower (replacement)	18,000	-	18,000	-	-	-	-
Public Works	2019	Tanker Truck (replacement)	175,000	-	175,000	-	-	-	-
Public Works	2019	Tommy Gate for truck # 106	5,000	-	5,000	-	-	-	-
Public Works	2019	6205 - Water Utility Replace #432 - 2008 Ford F150	50,000	-	50,000	-	-	-	-
Public Works	2020	Replace #341 - 2005 CAT 3 ton roller	60,000	-	-	60,000	-	-	-
Public Works	2020	Replace #302 - 2006 MT5T Trackless	200,000	-	-	200,000	-	-	-
Public Works	2020	Replace #337 - 2013 Mauldin asphalt paver	195,000	-	-	195,000	-	-	-
Public Works	2020	11' Large Area Mower (replacement)	60,000	-	-	60,000	-	-	-
Public Works	2020	Parks Utility Truck (Replace #119)	35,000	-	-	35,000	-	-	-
Public Works	2020	Replace #339 Tack trailer	90,000	-	-	90,000	-	-	-
Public Works	2021	Replace #311 - 2007 Freightliner SA	260,000	-	-	-	260,000	-	-
Public Works	2021	Replace #327 - 2008 message board	25,000	-	-	-	25,000	-	-
Public Works	2021	Pick-up Truck (Replace Truck # 40)	28,000	-	-	-	28,000	-	-
Public Works	2021	Fertilizer Spreader	6,000	-	-	-	6,000	-	-
Public Works	2021	Aerator	35,000	-	-	-	35,000	-	-
Public Works	2021	Replace Engineering #42	35,000	-	-	-	35,000	-	-
Comm Dev	2021	Replace car #27 - 2007 Chevy Malibu	20,000	-	-	-	20,000	-	-
Comm Dev	2021	Replace car #57 - 2006 Chevy Malibu	20,000	-	-	-	20,000	-	-
Public Works	2022	Replace #309 - 2010 Freightliner TA	270,000	-	-	-	-	270,000	-
Public Works	2022	Replace #307 - 2012 Ram 2500 (new is swap loader)	150,000	-	-	-	-	150,000	-
Public Works	2022	Replace #301 - 2011 Dodge Ram	55,000	-	-	-	-	55,000	-
Public Works	2022	Pick up truck (Replace truck # 44)	28,000	-	-	-	-	28,000	-
Public Works	2022	utility trailer (replace Z turn trailer)	8,000	-	-	-	-	8,000	-
Public Works	2022	20 Kw portable generator with light tower (replace existing 37kW)	20,000	-	-	-	-	20,000	-
Public Works	2023	Replace #364 - 1998 trailer hot box/patching	45,000	-	-	-	-	-	45,000
Public Works	2023	Replace #310 - 2010 Chevy 3500	75,000	-	-	-	-	-	75,000
Public Works	2023	Replace #314 - 2012 International SA	265,000	-	-	-	-	-	265,000
Public Works	2023	One ton dump (Replace truck # 125)	45,000	-	-	-	-	-	45,000
Public Works	2023	6237- water utility Replace #434 - 1996 Air Compressor	30,000	-	-	-	-	-	30,000
				\$ 466,000	\$ 653,000	\$ 640,000	\$ 429,000	\$ 531,000	\$ 460,000

City of Crystal, Minnesota
 Capital Improvement Plan - Fleet Fund 615
 Statement of Cash Flows

Enterprise Fund Projected Activity

	2018	2019	2020	2021	2022	2023
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
Cash Flows from Operating Activities						
Receipts from interfund services provided (5% growth annually)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Receipts from property taxes (1% increase, annually, beginning in 2020)	-	85,680	86,537	87,402	88,276	89,159
Payments to suppliers and employees (5% growth annually)	-	-	-	-	-	-
Net Cash Provided (Used) by Operating Activities	<u>-</u>	<u>85,680</u>	<u>86,537</u>	<u>87,402</u>	<u>88,276</u>	<u>89,159</u>
Cash Flows from Noncapital Financing Activities						
Transfers in/(out)	2,842,993	-	-	-	-	-
Net Cash Provided (Used) by Noncapital Financing Activities	<u>2,842,993</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Cash Flows from Capital and Related Financing Activities						
Acquisition of capital assets 	(466,000)	(653,000)	(640,000)	(429,000)	(531,000)	(460,000)
Proceeds from sale of assets	(90,000)	(46,640)	(46,640)	(46,640)	(46,640)	(46,640)
Proceeds from bonds and notes issued	-	-	-	-	-	-
Net Cash Used by Capital and Related Financing Activities	<u>(556,000)</u>	<u>(699,640)</u>	<u>(686,640)</u>	<u>(475,640)</u>	<u>(577,640)</u>	<u>(506,640)</u>
Cash Flows from Investing Activities						
Investment earnings	-	22,870	16,959	11,128	7,356	2,536
Net Increase (Decrease) in Cash and Cash Equivalents	<u>2,286,993</u>	<u>(591,090)</u>	<u>(583,144)</u>	<u>(377,110)</u>	<u>(482,007)</u>	<u>(414,945)</u>
Cash and Cash Equivalents, January 1	<u>-</u>	<u>2,286,993</u>	<u>1,695,903</u>	<u>1,112,758</u>	<u>735,648</u>	<u>253,641</u>
Cash and Cash Equivalents, December 31	<u>\$ 2,286,993</u>	<u>\$ 1,695,903</u>	<u>\$ 1,112,758</u>	<u>\$ 735,648</u>	<u>\$ 253,641</u>	<u>\$ (161,304)</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Information Technology Fund 620
 Schedule of Planned Capital Outlay 2018 to 2023

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
Information Technology	2018	Security access control system	\$ 24,000	\$ 24,000	\$ -	\$ -	\$ -	\$ -	\$ -
Information Technology	2018	Computer hardware and software	55,000	55,000	-	-	-	-	-
Information Technology	2018	Laserfiche/DocuSphere records management	12,000	12,000	-	-	-	-	-
Information Technology	2018	800 MGHZ for Public Works	55,000	55,000	-	-	-	-	-
Information Technology	2019	Robbinsdale SD - Potential Replacement	18,833	-	18,833	-	-	-	-
Information Technology	2019	System Log Server	3,500	-	3,500	-	-	-	-
Information Technology	2019	Computer Hardware & Software	55,000	-	55,000	-	-	-	-
Information Technology	2019	City Hall Switch 1 - 48 Port POE	9,605	-	9,605	-	-	-	-
Information Technology	2019	City Hall Switch 5 - 48 Port POE	11,128	-	11,128	-	-	-	-
Information Technology	2019	Wireless Controller - 25 AP License	5,459	-	5,459	-	-	-	-
Information Technology	2019	Large Format Scanner	7,300	-	7,300	-	-	-	-
Information Technology	2019	Networked Department Printers	800	-	800	-	-	-	-
Information Technology	2019	Communication Room Wiring Upgrade	4,500	-	4,500	-	-	-	-
Information Technology	2019	Redundant Connectivity PW -> CH	676	-	676	-	-	-	-
Information Technology	2019	Pool Switch - 24 Port POE	3,141	-	3,141	-	-	-	-
Information Technology	2019	WiFi AP - CCC Office	902	-	902	-	-	-	-
Information Technology	2019	Redundant Connectivity CCC -> PW	3,176	-	3,176	-	-	-	-
Information Technology	2019	CH & PD DVR Server	10,000	-	10,000	-	-	-	-
Information Technology	2019	Access Control Server	3,000	-	3,000	-	-	-	-
Information Technology	2019	Access Control Maintenance & Updates	3,000	-	3,000	-	-	-	-
Information Technology	2019	IP Camera Maintenance & Updates	8,000	-	8,000	-	-	-	-
Information Technology	2020	Robbinsdale SD - Potential Replacement	18,833	-	-	18,833	-	-	-
Information Technology	2020	Computer Hardware & Software	57,500	-	-	57,500	-	-	-
Information Technology	2020	City Hall Switch 2 - 48 Port POE	8,021	-	-	8,021	-	-	-
Information Technology	2020	City Hall Switch 3 - 48 port POE	8,757	-	-	8,757	-	-	-
Information Technology	2020	City Hall Switch 4 - 48 Port POE	7,345	-	-	7,345	-	-	-
Information Technology	2020	WiFi AP - PD Investigations	845	-	-	845	-	-	-
Information Technology	2020	Multi-Function Printer - Copy Room	9,500	-	-	9,500	-	-	-
Information Technology	2020	Multi-Function Printer - Finance	7,000	-	-	7,000	-	-	-
Information Technology	2020	Networked Department Printers	800	-	-	800	-	-	-
Information Technology	2020	Public Works Switch - 48 Port POE	6,937	-	-	6,937	-	-	-
Information Technology	2020	PW Switch - 24 Port POE (Pumphouse)	4,250	-	-	4,250	-	-	-
Information Technology	2020	WiFi AP - PW Office	845	-	-	845	-	-	-
Information Technology	2020	WiFi AP - PW Garage East	845	-	-	845	-	-	-
Information Technology	2020	WiFi AP - PW Garage West	845	-	-	845	-	-	-
Information Technology	2020	Networked Department Printers	800	-	-	800	-	-	-
Information Technology	2020	Networked Department Printers	800	-	-	800	-	-	-
Information Technology	2020	CCC & Pool DVR Server	7,500	-	-	7,500	-	-	-
Information Technology	2020	Access Control Maintenance & Updates	6,000	-	-	6,000	-	-	-
Information Technology	2020	IP Camera Maintenance & Updates	10,500	-	-	10,500	-	-	-
Information Technology	2020	Audio Update - A/B Room	15,000	-	-	15,000	-	-	-
Information Technology	2021	Robbinsdale SD - Potential Replacement	18,833	-	-	-	18,833	-	-
Information Technology	2021	Computer Hardware & Software	60,000	-	-	-	60,000	-	-
Information Technology	2021	WiFi AP - Emergency Ops Center	732	-	-	-	732	-	-
Information Technology	2021	Network Firewall ASA	5,365	-	-	-	5,365	-	-
Information Technology	2021	WiFi AP - Conference A	732	-	-	-	732	-	-
Information Technology	2021	WiFi AP - Cable Room	732	-	-	-	732	-	-
Information Technology	2021	WiFi AP - Server Room	732	-	-	-	732	-	-
Information Technology	2021	Multi-Function Printer - Police	9,500	-	-	-	9,500	-	-
Information Technology	2021	Networked Department Printers	800	-	-	-	800	-	-
Information Technology	2021	Multi-Function Printer - Public Works	7,000	-	-	-	7,000	-	-
Information Technology	2021	CCC Switch - 48 Port POE	6,937	-	-	-	6,937	-	-
Information Technology	2021	WiFi AP - CCC AB Room	732	-	-	-	732	-	-
Information Technology	2021	WiFi AP - CCC Activity Room	732	-	-	-	732	-	-
Information Technology	2021	Multi-Function Printer - CCC	7,000	-	-	-	7,000	-	-
Information Technology	2021	PW DVR Server	7,500	-	-	-	7,500	-	-
Information Technology	2021	Security Camera Upgrades	20,000	-	-	-	20,000	-	-

City of Crystal, Minnesota
 Capital Improvement Plan - Information Technology Fund 620
 Schedule of Planned Capital Outlay 2018 to 2023 (Continued)

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
Information Technology	2022	Networked Department Printers	\$ 800	\$ -	\$ -	\$ -	\$ -	\$ 800	\$ -
Information Technology	2022	Large Format Plotter/Scanner	10,000	-	-	-	-	10,000	-
Information Technology	2022	Access Control Maintenance & Updates	6,000	-	-	-	-	6,000	-
Information Technology	2022	IP Camera Maintenance & Updates	10,000	-	-	-	-	10,000	-
Information Technology	2022	Robbinsdale SD - Potential Replacement	18,833	-	-	-	-	18,833	-
Information Technology	2022	Computer Hardware & Software	62,500	-	-	-	-	62,500	-
Information Technology	2022	City Hall Switch - 24 Port LOGIS	4,703	-	-	-	-	4,703	-
Information Technology	2022	WiFi AP - PD External	3,693	-	-	-	-	3,693	-
Information Technology	2023	Robbinsdale SD - Potential Replacement	18,833	-	-	-	-	-	18,833
Information Technology	2023	Computer Hardware & Software	65,000	-	-	-	-	-	65,000
Information Technology	2023	Multi-Function Printer - ComDev	7,000	-	-	-	-	-	7,000
Information Technology	2023	Networked Department Printers	800	-	-	-	-	-	800
Information Technology	2023	Network Firewall ASA	5,252	-	-	-	-	-	5,252
Information Technology	2023	Public Works Switch - 24 Port LOGIS	4,703	-	-	-	-	-	4,703
Information Technology	2023	Access Control Maintenance & Updates	6,000	-	-	-	-	-	6,000
Information Technology	2023	IP Camera Maintenance & Updates	10,000	-	-	-	-	-	10,000
				<u>\$ 148,018</u>	<u>\$ 150,039</u>	<u>\$ 174,943</u>	<u>\$ 149,348</u>	<u>\$ 118,551</u>	<u>\$ 119,611</u>

City of Crystal, Minnesota
Capital Improvement Plan - Information Technology Fund 620
Statement of Cash Flows

Enterprise Fund Projected Activity

	2018 Estimated	2019 Estimated	2020 Estimated	2021 Estimated	2022 Estimated	2023 Estimated
Cash Flows from Operating Activities						
Receipts from interfund services provided (3% growth annually)	\$ -	\$ 471,201	\$ 476,905	\$ 491,212	\$ 505,949	\$ 521,127
Receipts from property taxes (1% increase, annually, beginning in 2020)		\$ 159,179	\$ 159,902	\$ 161,501	\$ 163,116	\$ 164,747
Payments to suppliers and employees (3% growth assumption)	-	(626,808)	(624,200)	(642,926)	(662,214)	(682,080)
Net Cash Provided (Used) by Operating Activities	<u>-</u>	<u>3,572</u>	<u>12,607</u>	<u>9,787</u>	<u>6,851</u>	<u>3,794</u>
Cash Flows from Noncapital Financing Activities						
Transfers in	391,989	-	-	-	-	-
Net Cash Provided (Used) by Noncapital Financing Activities	<u>391,989</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Cash Flows from Capital and Related Financing Activities						
Acquisition of capital assets	(148,018)	(150,039)	(174,943)	(149,348)	(118,551)	(119,611)
Intergovernmental revenue	-	-	-	-	-	-
Proceeds from sale of assets	-	-	-	-	-	-
Proceeds from bonds and notes issued	-	-	-	-	-	-
Net Cash Provided (Used) by Capital and Related Financing Activities	<u>(148,018)</u>	<u>(150,039)</u>	<u>(174,943)</u>	<u>(149,348)</u>	<u>(118,551)</u>	<u>(119,611)</u>
Cash Flows from Investing Activities						
Investment earnings	-	2,440	999	(614)	(2,016)	(3,153)
Net Increase (Decrease) in Cash and Cash Equivalents	243,971	(144,027)	(161,337)	(140,175)	(113,716)	(118,970)
Cash and Cash Equivalents, January 1	-	243,971	99,943	(61,393)	(201,568)	(315,284)
Cash and Cash Equivalents, December 31	<u>\$ 243,971</u>	<u>\$ 99,943</u>	<u>\$ (61,393)</u>	<u>\$ (201,568)</u>	<u>\$ (315,284)</u>	<u>\$ (434,254)</u>

City of Crystal, Minnesota
Capital Improvement Plan - Water Fund 505
Schedule of Planned Capital Outlay 2018 to 2023

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
Water	2018	Gate valve and hydrant replacements	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -
Water	2019	6235 -Gate Valve and Hydrant replacement	75,000	-	75,000	-	-	-	-
Water	2019	6220- Water main replacement/relining	100,000	-	100,000	-	-	-	-
Water	2019	6205 - Water Utility Replace #432 - 2008 Ford F150	50,000	-	50,000	-	-	-	-
Water	2019	Equipment Replacement	50,000	-	50,000	-	-	-	-
Water	2020	6207 - Upgrade Sensus meter software	30,000	-	-	30,000	-	-	-
Water	2020	6220- Water main replacement/relining	400,000	-	-	400,000	-	-	-
Water	2020	June Ave water main replacement (with Blue Line)	200,000	-	-	200,000	-	-	-
Water	2021	6235 -Gate Valve and Hydrant replacement	75,000	-	-	-	75,000	-	-
Water	2021	6220- Water main replacement/relining	600,000	-	-	-	600,000	-	-
Water	2022	6220- Water main replacement/relining	600,000	-	-	-	-	600,000	-
Water	2023	6235 -Gate Valve and Hydrant replacement	75,000	-	-	-	-	-	75,000
Water	2023	6220- Water main replacement/relining	600,000	-	-	-	-	-	600,000
Water	2023	6237- water utility Replace #434 - 1996 Air Compressor	30,000	-	-	-	-	-	30,000
Water	2023	Equipment Replacement	60,000	-	-	-	-	-	60,000
				<u>\$ 50,000</u>	<u>\$ 275,000</u>	<u>\$ 630,000</u>	<u>\$ 675,000</u>	<u>\$ 600,000</u>	<u>\$ 765,000</u>

City of Crystal, Minnesota
Capital Improvement Plan - Water Fund 505
Statement of Cash Flows

Enterprise Fund Projected Activity

	2018 Estimated	2019 Estimated	2020 Estimated	2021 Estimated	2022 Estimated	2023 Estimated
Cash Flows from Operating Activities						
Receipts from customers and users (based on utility rate analysis)	\$ 3,387,468	\$ 3,631,212	\$ 4,114,447	\$ 4,579,442	\$ 5,005,116	\$ 5,369,944
Payments to suppliers (based on utility rate analysis)	(2,788,377)	(2,872,029)	(2,958,190)	(3,046,935)	(3,138,343)	(3,232,494)
Payments to employees (based on utility rate analysis)	(377,973)	(396,872)	(416,715)	(437,551)	(459,429)	(482,400)
Net Cash Provided (Used) by Operating Activities	<u>221,118</u>	<u>362,311</u>	<u>739,542</u>	<u>1,094,956</u>	<u>1,407,344</u>	<u>1,655,050</u>
Cash Flows from Noncapital Financing Activities						
Transfers to other funds	(181,604)	(190,684)	(200,218)	(210,229)	(220,741)	(231,778)
Net Cash Provided (Used) by Noncapital Financing Activities	<u>(181,604)</u>	<u>(190,684)</u>	<u>(200,218)</u>	<u>(210,229)</u>	<u>(220,741)</u>	<u>(231,778)</u>
Cash Flows from Capital and Related Financing Activities						
Acquisition of capital assets	(50,000)	(283,250)	(648,900)	(695,250)	(618,000)	(787,950)
Intergovernmental (Joint Water Commission)	-	-	-	-	-	-
Principal and interest on debt	(8,400)	(7,368)	(6,315)	(5,242)	(4,147)	(3,029)
Advances to/(from) other funds	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)
Net Cash Provided (Used) by Capital and Related Financing Activities	<u>(118,400)</u>	<u>(350,618)</u>	<u>(715,215)</u>	<u>(760,492)</u>	<u>(682,147)</u>	<u>(850,979)</u>
Cash Flows from Investing Activities						
Investment earnings	9,530	8,837	7,135	5,448	6,745	11,857
Net Increase (Decrease) in Cash and Cash Equivalents	<u>(69,356)</u>	<u>(170,154)</u>	<u>(168,756)</u>	<u>129,683</u>	<u>511,200</u>	<u>584,150</u>
Cash and Cash Equivalents, January 1	<u>953,039</u>	<u>883,683</u>	<u>713,529</u>	<u>544,773</u>	<u>674,455</u>	<u>1,185,656</u>
Cash and Cash Equivalents, December 31	<u>\$ 883,683</u>	<u>\$ 713,529</u>	<u>\$ 544,773</u>	<u>\$ 674,455</u>	<u>\$ 1,185,656</u>	<u>\$ 1,769,805</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Sanitary Sewer Fund 510
 Schedule of Planned Capital Outlay 2018 to 2023

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
Sewer	2018	Back-up pump - South lift station #9	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer	2018	Three phase power - South lift station #9	50,000	50,000	-	-	-	-	-
Sewer	2018	Reline sewer - 30" CIPP 2002-10	50,000	50,000	-	-	-	-	-
Sewer	2018	Add emerg generator - Welcome Av lift station #5	50,000	50,000	-	-	-	-	-
Sewer	2018	Replace manhole covers	225,000	225,000	-	-	-	-	-
Sewer	2019	6504 - Sanitary Sewer Replacement (lining, dig up)	600,000	-	600,000	-	-	-	-
Sewer	2020	6504 - Sanitary Sewer Replacement (lining, dig up)	600,000	-	-	600,000	-	-	-
Sewer	2020	Install Pad mount Generator at West Lift Station	50,000	-	-	50,000	-	-	-
Sewer	2020	Equipment Replacement	40,000	-	-	40,000	-	-	-
Sewer	2021	6504 - Sanitary Sewer Replacement (lining, dig up)	600,000	-	-	-	600,000	-	-
Sewer	2022	6504 - Sanitary Sewer Replacement (lining, dig up)	600,000	-	-	-	-	600,000	-
Sewer	2022	20 Kw portable generator with light tower (replace existing)	20,000	-	-	-	-	20,000	-
Sewer	2022	Equipment Replacement	220,000	-	-	-	-	220,000	-
Sewer	2023	6504 - Sanitary Sewer Replacement (lining, dig up)	600,000	-	-	-	-	-	600,000
Sewer	2023	Equipment Replacement	60,000	-	-	-	-	-	60,000
				<u>\$ 395,000</u>	<u>\$ 600,000</u>	<u>\$ 690,000</u>	<u>\$ 600,000</u>	<u>\$ 840,000</u>	<u>\$ 660,000</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Sanitary Sewer Fund 510
 Statement of Cash Flows

Enterprise Fund Projected Activity

	2018 Estimated	2019 Estimated	2020 Estimated	2021 Estimated	2022 Estimated	2023 Estimated
Cash Flows from Operating Activities						
Receipts from customers and users (based on utility rate analysis)	\$ 2,431,000	\$ 2,497,838	\$ 2,805,211	\$ 3,094,129	\$ 3,350,727	\$ 3,561,382
Payments to suppliers (based on utility rate analysis)	(1,703,988)	(1,742,193)	(1,794,459)	(1,848,293)	(1,903,742)	(1,960,854)
Payments to employees (based on utility rate analysis)	\$ (376,509)	\$ (395,334)	\$ (415,101)	\$ (435,856)	\$ (457,649)	\$ (480,531)
Net Cash Provided (Used) by Operating Activities	<u>350,503</u>	<u>360,310</u>	<u>595,651</u>	<u>809,980</u>	<u>989,336</u>	<u>1,119,997</u>
Cash Flows from Noncapital Financing Activities						
Transfers to other funds	(181,604)	(190,684)	(200,218)	(210,229)	(220,741)	(231,778)
Net Cash Provided (Used) by Noncapital Financing Activities	<u>(181,604)</u>	<u>(190,684)</u>	<u>(200,218)</u>	<u>(210,229)</u>	<u>(220,741)</u>	<u>(231,778)</u>
Cash Flows from Capital and Related Financing Activities						
Acquisition of capital assets	(395,000)	(618,000)	(710,700)	(618,000)	(865,200)	(679,800)
Advances to/(from) other funds	30,000	30,000	30,000	30,000	30,000	30,000
Grants and contributions	50,000	-	-	-	-	-
Net Cash Provided (Used) by Capital and Related Financing Activities	<u>(315,000)</u>	<u>(588,000)</u>	<u>(680,700)</u>	<u>(588,000)</u>	<u>(835,200)</u>	<u>(649,800)</u>
Cash Flows from Investing Activities						
Investment earnings	25,411	23,688	19,214	16,017	15,748	14,680
Net Increase (Decrease) in Cash and Cash Equivalents	<u>(120,691)</u>	<u>(394,686)</u>	<u>(266,053)</u>	<u>27,768</u>	<u>(50,857)</u>	<u>253,099</u>
Cash and Cash Equivalents, January 1	<u>2,121,076</u>	<u>2,000,385</u>	<u>1,605,700</u>	<u>1,339,647</u>	<u>1,367,415</u>	<u>1,316,558</u>
Cash and Cash Equivalents, December 31	<u>\$ 2,000,385</u>	<u>\$ 1,605,700</u>	<u>\$ 1,339,647</u>	<u>\$ 1,367,415</u>	<u>\$ 1,316,558</u>	<u>\$ 1,569,656</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Storm Drainage Fund 515
 Schedule of Planned Capital Outlay 2018 to 2023

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts
Storm water	2018	Dredge Basset Creek Park pond	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -
Storm water	2019	Becker Park infiltration project ⁽¹⁾	2,750,000	-	2,750,000	-	-	-	-
Storm water	2020	Rate Control,water quality, structure Rehab projects	50,000	-	-	50,000	-	-	-
Storm water	2021	6804 - Gaulke Pond design, dredging, lift station rehab	750,000	-	-	-	750,000	-	-
Storm water	2021	Rate Control,water quality, structure Rehab projects	50,000	-	-	-	50,000	-	-
Storm water	2022	Rate Control,water quality, structure Rehab projects	500,000	-	-	-	-	500,000	-
Storm water	2022	W. Broadway and Kentucky Infiltration	150,000	-	-	-	-	150,000	-
Storm water	2023	Rate Control,water quality, structure Rehab projects	50,000	-	-	-	-	-	50,000
Storm water	2023	Yunkers Park storage project	1,500,000	-	-	-	-	-	1,500,000
Storm water	2023	Equipment Replacement	30,000	-	-	-	-	-	30,000
				<u>\$ 1,000,000</u>	<u>\$ 2,750,000</u>	<u>\$ 50,000</u>	<u>\$ 800,000</u>	<u>\$ 650,000</u>	<u>\$ 1,580,000</u>

(1) Secured grants of \$1,325,000 have been included in the cash flow analysis below; the City has also applied for an additional \$80K of grants and identified \$400K in other potential grant opportunities.

City of Crystal, Minnesota
 Capital Improvement Plan - Storm Drainage Fund 515
 Statement of Cash Flows

Enterprise Fund Projected Activity

	2018 Estimated	2019 Estimated	2020 Estimated	2021 Estimated	2022 Estimated	2023 Estimated
Cash Flows from Operating Activities						
Receipts from customers and users (5% growth assumption)	\$ 1,095,142	\$ 1,149,899	\$ 1,207,394	\$ 1,267,763	\$ 1,331,151	\$ 1,397,709
Payments to suppliers and employees (5% growth assumption)	(459,183)	(482,142)	(506,249)	(531,562)	(558,140)	(586,047)
Net Cash Provided (Used) by Operating Activities	<u>635,959</u>	<u>667,757</u>	<u>701,145</u>	<u>736,202</u>	<u>773,012</u>	<u>811,662</u>
Cash Flows from Noncapital Financing Activities						
Transfers out	(46,782)	(49,326)	(50,997)	(53,547)	(56,224)	(59,035)
Net Cash Provided (Used) by Noncapital Financing Activities	<u>(46,782)</u>	<u>(49,326)</u>	<u>(50,997)</u>	<u>(53,547)</u>	<u>(56,224)</u>	<u>(59,035)</u>
Cash Flows from Capital and Related Financing Activities						
Acquisition of capital assets	(1,000,000)	(2,750,000)	(50,000)	(800,000)	(650,000)	(1,580,000)
Intergovernmental revenue (Watershed, Met Council, MNDNR and other)	1,000,000	1,325,000	-	-	50,000	1,250,000
Net Cash Provided (Used) by Capital and Related Financing Activities	<u>-</u>	<u>(1,425,000)</u>	<u>(50,000)</u>	<u>(800,000)</u>	<u>(600,000)</u>	<u>(330,000)</u>
Cash Flows from Investing Activities						
Investment earnings	7,879	13,850	5,922	11,983	10,930	12,207
Net Increase (Decrease) in Cash and Cash Equivalents	597,056	(792,720)	606,070	(105,362)	127,717	434,834
Cash and Cash Equivalents, January 1	<u>787,914</u>	<u>1,384,970</u>	<u>592,250</u>	<u>1,198,320</u>	<u>1,092,958</u>	<u>1,220,675</u>
Cash and Cash Equivalents, December 31	<u>\$ 1,384,970</u>	<u>\$ 592,250</u>	<u>\$ 1,198,320</u>	<u>\$ 1,092,958</u>	<u>\$ 1,220,675</u>	<u>\$ 1,655,509</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Street Light Fund 520
 Schedule of Planned Capital Outlay 2018 to 2023

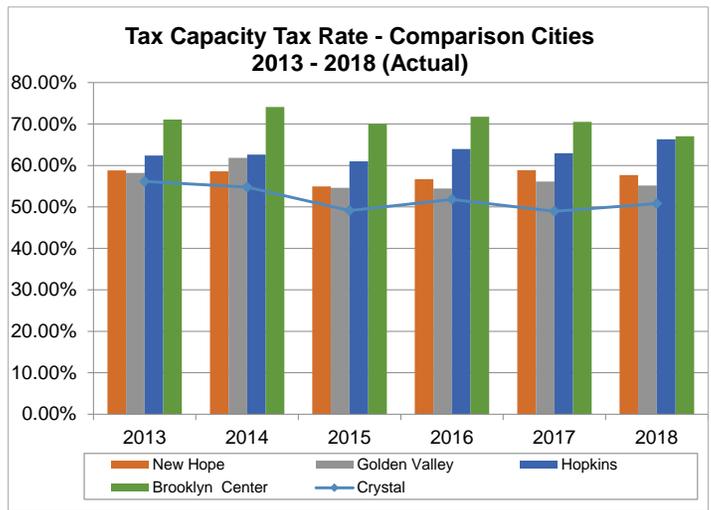
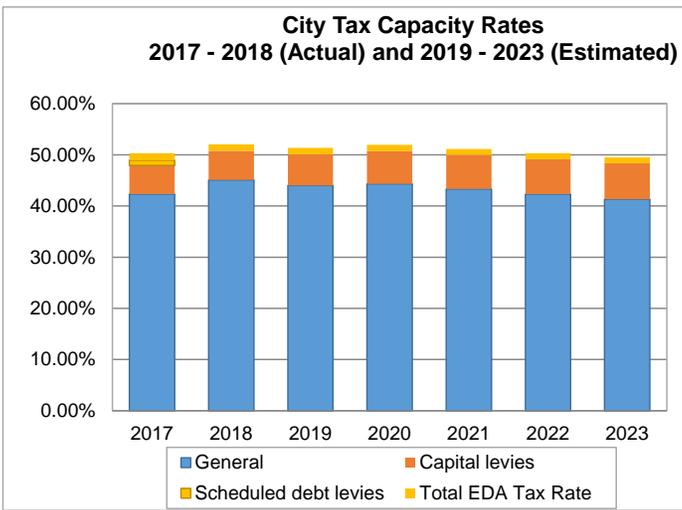
Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
Street light	2019	Parking lot lighting upgrades at City Hall	\$ 45,000	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Street light	2020	HPS to LED conversion	25,000	-	-	25,000	-	-	-
Street light	2021	HPS to LED conversion	25,000	-	-	-	25,000	-	-
Street light	2022	HPS to LED conversion	25,000	-	-	-	-	25,000	-
Street light	2023	HPS to LED conversion	25,000	-	-	-	-	-	25,000
Street light	2023	Underground utility poles (42nd)	1,000,000	-	-	-	-	-	1,000,000
				<u>\$ -</u>	<u>\$ 45,000</u>	<u>\$ 25,000</u>	<u>\$ 25,000</u>	<u>\$ 25,000</u>	<u>\$ 1,025,000</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Street Light Fund 520
 Statement of Cash Flows

Enterprise Fund Projected Activity

	2018	2019	2020	2021	2022	2023
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
Cash Flows from Operating Activities						
Receipts from customers and users (5% growth assumption)	\$ 204,688	\$ 204,688	\$ 204,688	\$ 204,688	\$ 204,688	\$ 204,688
Payments to suppliers and employees (5% growth assumption)	(128,797)	(135,237)	(141,999)	(149,099)	(156,554)	(164,381)
Net Cash Provided (Used) by Operating Activities	<u>75,891</u>	<u>69,451</u>	<u>62,689</u>	<u>55,589</u>	<u>48,134</u>	<u>40,307</u>
Cash Flows from Noncapital Financing Activities						
Transfers out	(13,216)	(13,216)	(13,935)	(14,632)	(15,363)	(16,132)
Net Cash Provided (Used) by Noncapital Financing Activities	<u>(13,216)</u>	<u>(13,216)</u>	<u>(13,935)</u>	<u>(14,632)</u>	<u>(15,363)</u>	<u>(16,132)</u>
Cash Flows from Capital and Related Financing Activities						
Acquisition of capital assets	-	(45,000)	(25,000)	(25,000)	(25,000)	(1,025,000)
Advances to/(from) other funds	30,000	30,000	30,000	30,000	30,000	30,000
Net Cash Provided (Used) by Capital and Related Financing Activities	<u>30,000</u>	<u>(15,000)</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>(995,000)</u>
Cash Flows from Investing Activities						
Investment earnings	4,885	5,861	6,332	6,932	7,461	7,914
Net Increase (Decrease) in Cash and Cash Equivalents	<u>97,560</u>	<u>47,095</u>	<u>60,086</u>	<u>52,890</u>	<u>45,232</u>	<u>(962,911)</u>
Cash and Cash Equivalents, January 1	<u>488,501</u>	<u>586,061</u>	<u>633,156</u>	<u>693,242</u>	<u>746,131</u>	<u>791,364</u>
Cash and Cash Equivalents, December 31	<u>\$ 586,061</u>	<u>\$ 633,156</u>	<u>\$ 693,242</u>	<u>\$ 746,131</u>	<u>\$ 791,364</u>	<u>\$ (171,548)</u>

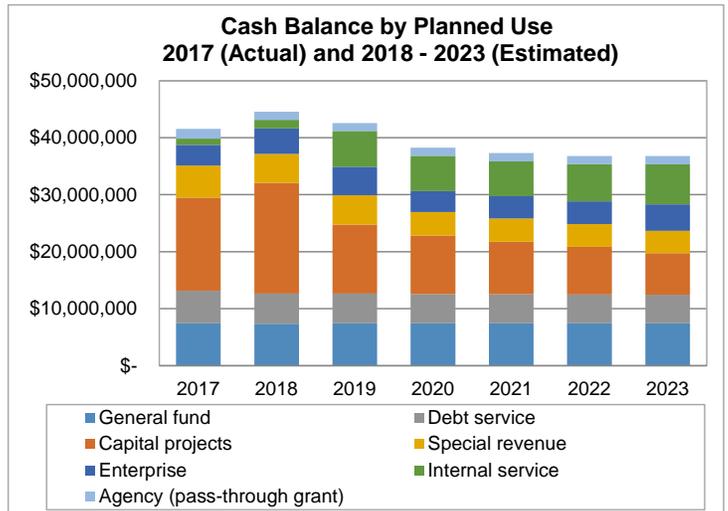
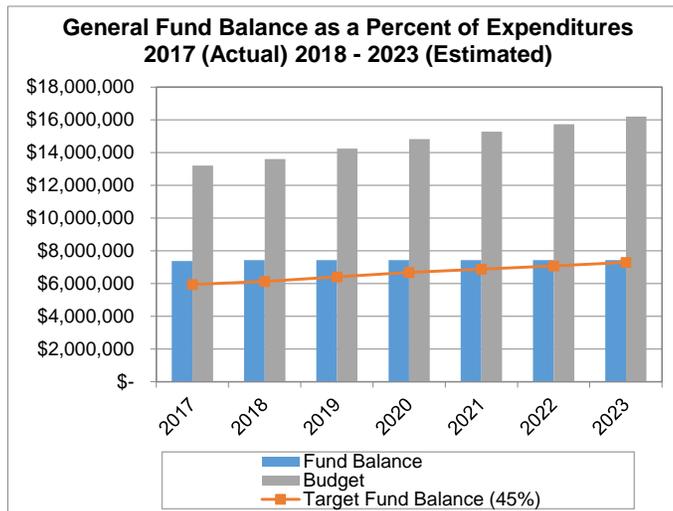
Tax Rates



Tax Rates:

Tax rates are a function of the levy and total tax base. The city tax rate is computed by dividing the city levy by the taxable tax capacity. Future tax rates are based on the assumption of 3.5% growth in tax capacity (see Assumptions). Comparable communities are provided for reference.

General Fund Operations and All Funds Cash Balances

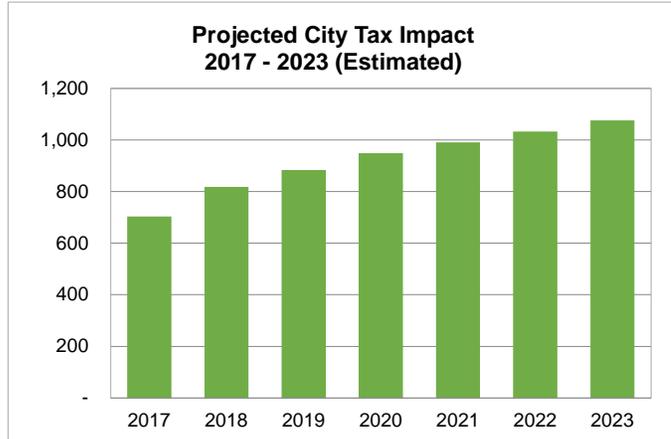
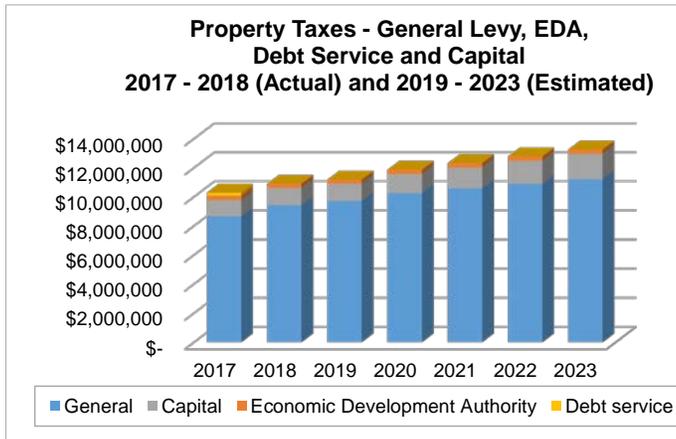


General Fund Balance as a Percent of Revenue:

The General fund fund balance should be maintained at a level to provide for adequate working capital reserves. The MN State Auditor recommends a 35-50% reserve. As the expenditure budget grows, the required reserve should increase accordingly. The City can build to this target by adding to contingency each year. This can be accomplished by reducing expenditures and maintaining the same level of revenue or increasing tax levy.

Cash Balance by Planned Use (000's):

The balances represented in this graph are categorized by the planned use and/or limitations determined by statute.



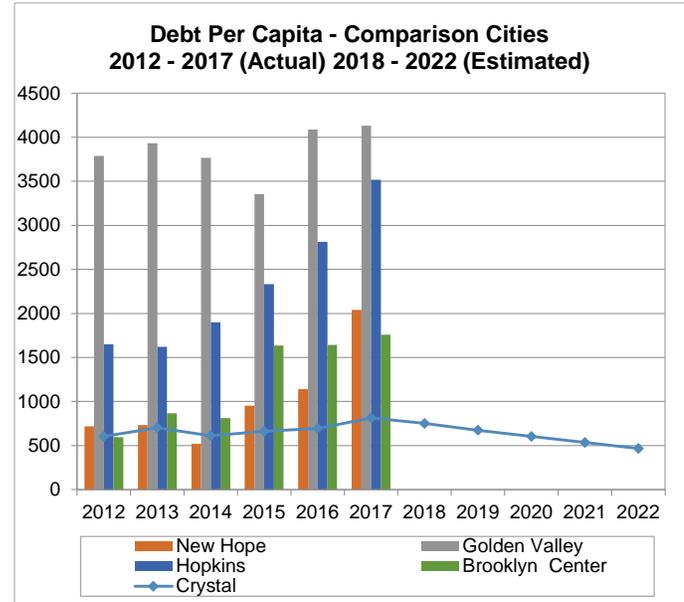
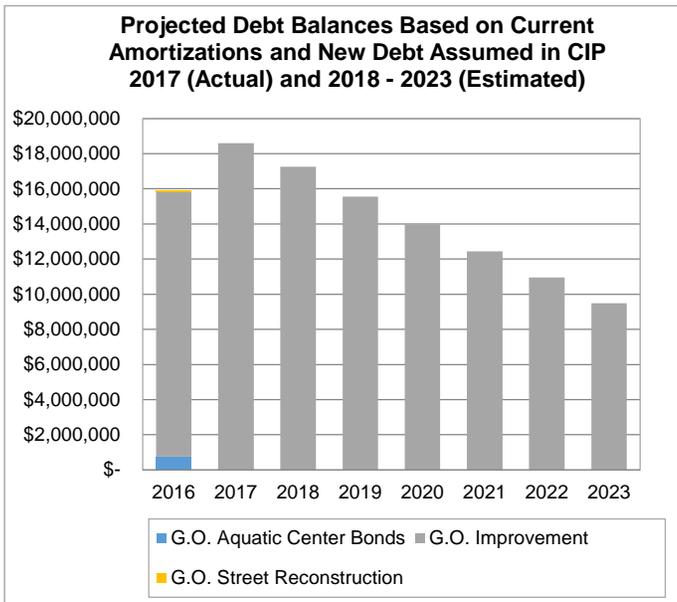
Percent of Property Taxes - General Levy and Bonds

This graph highlights the percent of levy by planned use. Increases in the levy are primarily attributed to the growth in scheduled and proposed debt levies as well as growth in the City's General levy. The overall city tax burden for a \$196,000 house in 2019 is shown in the graph on the right.

Projected City Tax Impact - 2019 \$196,000 home

The overall property tax levy for an average valued house is highlighted above.

Debt



Debt Balances

The above assumes no new debt. From 2016 to 2023, as presented above, total governmental type debt is reduced from \$15.9 million to \$14.3 million, a reduction of approximately \$1.6 million.

Appendix A

City of Crystal, Minnesota
 Schedule of Property Taxes Levied and Tax Rates
 For the Years Ended December 31, 2017 and 2018 (Actual) and 2019 to 2023 (Estimated)
 Alternative A

		2017	2018	2019	2020	2021	2022	2023
		Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated
		Amounts						
Property Taxes Levied for General Purposes								
100	General	\$ 8,657,000	\$ 9,436,779	\$ 9,641,249	\$ 10,266,584	\$ 10,574,582	\$ 10,891,819	\$ 11,218,574
220	EDA/HRA Funds	277,200	277,200	282,744	288,399	294,167	300,050	306,051
415	Street Capital	163,600	163,600	110,144	116,950	121,628	126,493	131,553
235	PERF Fund	137,400	151,900	154,938	158,037	161,197	164,421	167,710
405	PIR Fund	266,220	301,210	-	-	-	-	-
408	Building Fund	574,400	574,400	585,888	597,606	609,558	621,749	634,184
420	Park Improvements	-	-	248,310	358,914	476,359	593,804	713,804
615	Fleet	-	-	85,680	86,537	87,402	88,276	89,159
620	Information Technology	-	-	159,179	159,902	161,501	163,116	164,747
	<i>Subtotal</i>	<u>10,075,820</u>	<u>10,905,089</u>	<u>11,268,132</u>	<u>12,032,928</u>	<u>12,486,394</u>	<u>12,949,729</u>	<u>13,425,782</u>
Property Taxes Levied for Debt Service								
327/420	2005 Pool Bonds	212,000	-	-	-	-	-	-
3XX/408	2020 Facility Bonds (Potential future levy)	-	-	-	-	609,000	596,400	583,800
	<i>Subtotal</i>	<u>212,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>609,000</u>	<u>596,400</u>	<u>583,800</u>
	Total Taxes Levied	<u>10,287,820</u>	<u>10,905,089</u>	<u>11,268,132</u>	<u>12,032,928</u>	<u>13,095,394</u>	<u>13,546,129</u>	<u>14,009,582</u>
	Less: Value of Market Value Levies	(489,200)	(277,200)	(282,744)	(288,399)	(294,167)	(300,050)	(306,051)
	Less: Distribution from fiscal disparities	(2,267,618)	(2,186,657)	(2,295,990)	(2,410,789)	(2,531,329)	(2,657,895)	(2,790,790)
	City Net Levy	<u>\$ 7,531,002</u>	<u>\$ 8,441,232</u>	<u>\$ 8,689,398</u>	<u>\$ 9,333,740</u>	<u>\$ 10,269,898</u>	<u>\$ 10,588,184</u>	<u>\$ 10,912,740</u>
Tax Capacity								
	Personal and Real Estate	\$ 16,716,393	\$ 18,459,975	\$ 19,382,974	\$ 20,352,122	\$ 21,369,729	\$ 22,438,215	\$ 23,560,126
	Other assumed net growth factors	-	-	-	-	-	-	-
	Less: Contribution to fiscal disparities	(1,082,015)	(1,079,088)	(1,133,042)	(1,189,695)	(1,249,179)	(1,311,638)	(1,377,220)
	Less: Tax Increment	(248,944)	(212,599)	(212,599)	(212,599)	(212,599)	(212,599)	(212,599)
	Adjusted net tax capacity	<u>\$ 15,385,434</u>	<u>\$ 17,168,288</u>	<u>\$ 18,037,332</u>	<u>\$ 18,949,829</u>	<u>\$ 19,907,950</u>	<u>\$ 20,913,978</u>	<u>\$ 21,970,307</u>

City of Crystal, Minnesota
Schedule of Property Taxes Levied and Tax Rates (Continued)
For the Years Ended December 31, 2017 and 2018 (Actual) and 2019 to 2023 (Estimated)
Alternative A

	2017	2018	2019	2020	2021	2022	2023
	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated
	Amounts						
Tax Rates							
General	42.33%	43.66%	42.28%	43.06%	42.61%	41.63%	40.66%
Capital levies	5.58%	5.51%	5.20%	5.53%	5.87%	6.10%	6.29%
Scheduled debt levies	1.04%	0.00%	0.00%	0.00%	2.45%	2.28%	2.12%
Total City	48.949%	49.168%	48.175%	49.255%	51.587%	50.627%	49.670%
Total EDA Tax Rate	1.385%	1.274%	1.250%	1.225%	1.201%	1.177%	1.152%
Population	22,855	22,967	23,080	23,193	23,307	23,307	23,421
Taxes per Capita	\$ 450	\$ 475	\$ 488	\$ 519	\$ 562	\$ 581	\$ 598
Median Home Value (Jan 2)	\$ 166,000	\$ 182,000	\$ 196,000	\$ 205,800	\$ 216,090	\$ 226,895	\$ 238,239
Median Home Taxes (from city)	703	792	850	922	1,023	1,064	1,105
% change from prior year \$'s	N/A	13%	7%	8%	11%	15%	8%
Tax Levy (\$)							
General	\$ 8,657,000	\$ 9,436,779	\$ 9,641,249	\$ 10,266,584	\$ 10,574,582	\$ 10,891,819	\$ 11,218,574
Capital	1,141,620	1,191,110	1,184,960	1,318,043	1,456,145	1,594,744	1,736,410
Economic Development Authority	277,200	277,200	282,744	288,399	294,167	300,050	306,051
Debt service	212,000	-	-	-	609,000	596,400	583,800
Tax Levy (%)							
General	84%	87%	86%	85%	81%	80%	80%
Capital	11%	11%	11%	11%	11%	12%	12%
Economic Development Authority	3%	3%	3%	2%	2%	2%	2%
Debt service	2%	0%	0%	0%	5%	4%	4%

City of Crystal, Minnesota
Schedule of Annual Fund Cash Balances
For the Years Ended December 31, 2016 and 2017 (Actual) and 2018 to 2023 (Estimated)
Alternative A

		2016	2017	2018	2019	2020	2021	2022	2023	Trend
		Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
		Amounts								
Government-Type										
General Operations										
101	General	\$ 7,426,395	\$ 7,380,956	\$ 7,429,826	\$ 7,429,826	\$ 7,429,825	\$ 6,941,339	\$ 5,935,057	\$ 4,380,352	●
Special Revenue										
220	Economic Development Authority	3,758,615	3,190,635	3,203,865	2,174,657	2,091,753	2,003,477	1,909,612	1,809,930	●
*	206-210 TIF Districts Special Revenue	1,795,278	1,817,122	1,835,293	1,853,646	1,872,183	1,890,904	1,909,813	1,928,912	●
*	240-245 Special Projects	86,462	98,913	99,902	99,903	99,904	99,905	99,906	99,907	●
Subtotal		5,640,355	5,106,670	5,139,060	4,128,206	4,063,840	3,994,287	3,919,332	3,838,749	
Debt Service										
329-336	Debt Service	5,731,734	5,282,301	5,219,104	5,164,999	5,119,733	5,077,749	5,044,073	5,044,073	●
Capital Projects										
405	Capital Improvement Revolving	8,440,754	8,229,232	-	-	-	-	-	-	●
415	Street Reconstruction	2,521,416	6,049,965	7,643,645	6,765,226	6,143,478	5,562,380	4,723,994	3,847,335	●
409	Fire Equipment Revolving	585,190	-	-	-	-	-	-	-	●
235	Police Equipment Revolving	3,109,809	3,080,805	2,937,313	2,889,424	2,855,655	2,834,509	2,828,076	2,787,866	●
410	Street Maintenance	1,587,990	1,696,364	-	-	-	-	-	-	●
408/625	Building Fund	138,213	644,615	2,840,685	3,462,217	152,681	1,030,500	2,087,398	2,994,415	●
420	Park Improvement	-	210,780	1,739,617	807,323	663,311	615,303	659,260	803,656	●
*	404 Cable TV Equipment	69,757	108,477	109,562	110,657	111,764	112,882	114,010	115,151	●
Subtotal		16,314,916	19,375,623	12,430,137	10,572,631	9,774,208	9,125,074	8,325,340	7,554,009	
Total - Governmental-type Funds		35,251,613	37,790,165	32,737,812	30,400,669	26,179,504	25,804,559	24,943,167	23,439,884	
Internal Service										
620	Information Technology	-	-	243,971	99,943	(61,393)	(201,568)	(225,555)	(343,627)	●
615	Fleet	-	-	2,376,993	1,833,443	1,298,314	969,699	536,672	171,198	●
*	605 Self Insurance	960,549	898,302	907,285	916,358	925,521	934,777	944,124	953,566	●
Total - Internal Service-type Funds		960,549	898,302	3,528,248	2,849,744	2,162,442	1,702,908	1,255,242	781,136	

City of Crystal, Minnesota
Schedule of Annual Fund Cash Balances (Continued)
For the Years Ended December 31, 2016 and 2017 (Actual) and 2018 to 2023 (Estimated)
Alternative A

		2016	2017	2018	2019	2020	2021	2022	2023	Trend
		Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
		Amounts	Amounts	Amounts	Amounts	Amounts	Amounts	Amounts	Amounts	
Business-Type										
Enterprise Funds										
505	Water	\$ 438,599	\$ 953,039	\$ 1,472,446	\$ 1,403,899	\$ 1,416,770	\$ 1,420,711	\$ 1,537,371	\$ 1,619,699	●
510	Sewer	2,312,443	2,121,076	1,985,036	1,652,259	1,279,982	965,541	660,095	364,338	●
515	Storm Drainage	379,568	787,914	1,384,970	592,250	1,198,320	1,092,958	1,220,675	1,685,509	●
520	Street Lights	387,731	488,501	586,061	643,390	724,559	810,026	900,009	(5,265)	●
*	525 Recycling	109,314	120,021	121,221	122,433	123,658	124,894	126,143	127,405	●
Total - Business-type Funds		3,627,655	4,470,551	5,549,734	4,414,232	4,743,288	4,414,131	4,444,293	3,791,687	
Agency Fund										
*	250 Hennepin Recycling Group	1,704,244	1,399,536	1,413,531	1,427,667	1,441,943	1,456,363	1,470,926	1,485,636	●
Grand Total - City		\$ 6,292,448	\$ 6,768,389	\$ 10,491,513	\$ 8,691,642	\$ 8,347,674	\$ 7,573,402	\$ 7,170,461	\$ 6,058,459	

* Annual growth in fund balance of 1% assumed

Trend indicator

- Adequate for reserve levels
- Adequate as of 2016 but decreasing balances, watch
- Below targeted reserve levels and should have a plan to address
- The fund has events in the future that need addressing now

City of Crystal, Minnesota
 Outstanding Debt Schedule
 For the Years Ended December 31, 2016 and 2017 (Actual) and 2018 to 2023 (Estimated)
 Alternative A

Fund	Issue	Original Issue	Issue Date	Maturity Date	Interest Rate	2016	2017	2018	2019	2020	2021	2022	2023
						Actual Balance	Actual Balance	Estimated Balance	Estimated Balance	Estimated Balance	Estimated Balance	Estimated Balance	Estimated Balance
Government-Type													
<i>General Obligation Bonds</i>													
	327	2005B	General Obligation Aquatic Center Bond	\$ 2,395,000	9/1/2005	2/1/2020	3.50-4.00%	% \$ 765,000	\$ -	\$ -	\$ -	\$ -	\$ -
	326	2005A	Special Assessment	1,440,000	9/14/2005	2/1/2021	3.50-4.00%	-	-	-	-	-	-
	328	2006A	Special Assessment	1,855,000	6/29/2006	2/1/2022	3.75-4.20%	-	-	-	-	-	-
	329	2008A	Special Assessment	2,190,000	8/1/2008	2/1/2024	3.50-4.35%	1,045,000	900,000	760,000	625,000	495,000	365,000
	330	2009A	Special Assessment	3,360,000	7/21/2009	2/1/2030	2.00-4.50%	2,200,000	2,020,000	1,845,000	1,675,000	1,505,000	1,340,000
	331	2013B	Street Reconstruction	85,940				85,940	-	-	-	-	-
	332	2011A	Special Assessment	1,705,000	7/19/2011	2/1/2027	0.50-3.55%	1,155,000	1,030,000	910,000	795,000	685,000	575,000
	333	2012A	Special Assessment	2,635,000	7/16/2013	2/1/2028	0.50-3.55%	2,000,000	1,805,000	1,615,000	1,430,000	1,250,000	1,080,000
	334	2013A	Special Assessment	3,235,000	6/17/2015	2/1/2029	0.50-3.55%	2,770,000	2,525,000	2,285,000	2,050,000	1,825,000	1,605,000
	335	2015A	Special Assessment	2,550,000	7/16/2015	2/1/2031	2.50-3.00%	2,550,000	2,325,000	2,130,000	1,940,000	1,755,000	1,575,000
	336	2016A	Special Assessment	3,330,000	8/25/2016	2/1/2032	2.00-2.50%	3,330,000	3,330,000	3,050,000	2,795,000	2,550,000	2,310,000
	337	2017A	Special Assessment	4,665,000	9/14/2017	2/1/2033	2.00-3.00%	-	4,665,000	4,665,000	4,250,000	3,920,000	3,595,000
		2020A	Facility Bonds (Potential Future Debt)	6,000,000	1/1/2020	1/1/2035	3.00%	-	-	-	-	6,000,000	5,600,000
			<i>Total G.O. Tax Bonds</i>	<u>35,445,940</u>				<u>15,900,940</u>	<u>18,600,000</u>	<u>17,260,000</u>	<u>15,560,000</u>	<u>19,985,000</u>	<u>18,045,000</u>
			Total Government-Type	<u>\$ 35,445,940</u>				<u>\$ 15,900,940</u>	<u>\$ 18,600,000</u>	<u>\$ 17,260,000</u>	<u>\$ 15,560,000</u>	<u>\$ 19,985,000</u>	<u>\$ 18,045,000</u>
			Population					22,855	22,855	22,967	23,080	23,193	23,307
			Debt Per Capita - total					\$ 696	\$ 814	\$ 752	\$ 674	\$ 862	\$ 774
								\$ 690	\$ 607				

City of Crystal, Minnesota
 Capital Improvement Plan - Building Fund 408/625
 Schedule of Planned Capital Outlay 2018 to 2023
 Alternative A

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
City Buildings	2018	City Hall - office cubes and desks	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
City Buildings	2018	City Hall - replace fire alarm panel	2,000	2,000	-	-	-	-	-
City Buildings	2018	City Hall & CCC - front end UNC for HVAC system	33,000	33,000	-	-	-	-	-
City Buildings	2018	City Hall - Chamber window film/lights	7,500	7,500	-	-	-	-	-
City Buildings	2018	Fire - South - replace water heater	7,000	7,000	-	-	-	-	-
City Buildings	2018	Fire - South - rehab stairway to roof	7,000	7,000	-	-	-	-	-
City Buildings	2018	Fire - North - tuckpoint walls	5,000	5,000	-	-	-	-	-
City Buildings	2018	Water walk cargo net	7,000	7,000	-	-	-	-	-
City Buildings	2018	Replace pool heaters	20,000	20,000	-	-	-	-	-
City Buildings	2018	Extend irrigation system	15,000	15,000	-	-	-	-	-
City Buildings	2018	Add windows and screens to louvers of pool building	20,000	20,000	-	-	-	-	-
City Buildings	2018	Update entryway of pool building	200,000	200,000	-	-	-	-	-
City Buildings	2018	Rehab/recoat pool building floor	40,000	40,000	-	-	-	-	-
City Buildings	2018	Repair tile and plaster inside pool	15,000	15,000	-	-	-	-	-
City Buildings	2018	Umbrella and/or fabric replacement program	33,000	33,000	-	-	-	-	-
City Buildings	2018	Skylight/Roof renovation	145,000	145,000	-	-	-	-	-
City Buildings	2018	Replace LCD projector and add smart board	8,000	8,000	-	-	-	-	-
City Buildings	2018	Replace convection ovens (2)	10,000	10,000	-	-	-	-	-
City Buildings	2018	Activity room - reface cabinets	5,000	5,000	-	-	-	-	-
City Buildings	2018	Replace Community Center lighted marquee	40,000	40,000	-	-	-	-	-
City Buildings	2018	Front desk security/update	20,000	20,000	-	-	-	-	-
City Buildings	2019	2019 Capital requests	307,000	-	307,000	-	-	-	-
City Buildings	2019	Repair/repaint east side of City Hall	24,000	-	24,000	-	-	-	-
City Buildings	2019	Paint South Fire station	32,000	-	32,000	-	-	-	-
City Buildings	2019	Replace service doors at South fire station	10,000	-	10,000	-	-	-	-
City Buildings	2019	Replace service doors at PD lower lot	10,000	-	10,000	-	-	-	-
City Buildings	2019	Replace tube (bay area) heaters at north station	6,000	-	6,000	-	-	-	-
City Buildings	2019	Replace irrigation system at north fire station	10,000	-	10,000	-	-	-	-
City Buildings	2019	Replace 'Teacup' Water Feature	25,000	-	25,000	-	-	-	-
City Buildings	2019	Paint Bridge & Diving Board	30,000	-	30,000	-	-	-	-
City Buildings	2019	Heater #2 (pool water)	20,000	-	20,000	-	-	-	-
City Buildings	2019	LED Lights - Gyms/storage/restrooms	26,500	-	26,500	-	-	-	-
City Buildings	2019	Painting Mtg. rooms, hallway, etc.	8,000	-	8,000	-	-	-	-
City Buildings	2019	Landscaping on SE side	15,000	-	15,000	-	-	-	-
City Buildings	2019	Temp./Light Controls - gyms	24,000	-	24,000	-	-	-	-
City Buildings	2020	City Hall Furniture / Remodel	110,000	-	-	110,000	-	-	-
City Buildings	2020	2020 Capital requests	10,000	-	-	10,000	-	-	-
City Buildings	2020	Generator for City Hall	225,000	-	-	225,000	-	-	-
City Buildings	2020	Replace tube (bay area) heaters at north station	6,000	-	-	6,000	-	-	-
City Buildings	2020	Re-Landscape City Hall south and west sides	20,000	-	-	20,000	-	-	-
City Buildings	2020	City Hall fire alarm system upgrade	9,000	-	-	9,000	-	-	-
City Buildings	2020	Coat Zero Depth Slide	8,000	-	-	8,000	-	-	-
City Buildings	2020	Irrigation for Front of Building	15,000	-	-	15,000	-	-	-
City Buildings	2020	Gazebo for Bday Party Rental	15,000	-	-	15,000	-	-	-

City of Crystal, Minnesota
 Capital Improvement Plan - Building Fund 408/625
 Schedule of Planned Capital Outlay 2018 to 2023 (Continued)
 Alternative A

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts
City Buildings	2020	LED Lights - Office/Meeting Rooms	\$ 25,500	\$ -	\$ -	\$ 25,500	\$ -	\$ -	\$ -
City Buildings	2020	Bask. Hoop Safety Straps/Maint	10,000	-	-	10,000	-	-	-
City Buildings	2020	Meeting Room Window Treatments	9,000	-	-	9,000	-	-	-
City Buildings	2020	Entryway Mats	12,000	-	-	12,000	-	-	-
City Buildings	2020	Temp./Light Controls (Kitchen/Sr.)	12,000	-	-	12,000	-	-	-
City Buildings	2020	Temp./Light Controls (Office/Mtg.)	10,000	-	-	10,000	-	-	-
City Buildings	2020	Police Department expansion	10,000,000	-	-	10,000,000	-	-	-
City Buildings	2021	Replace roof at south fire station	90,000	-	-	-	90,000	-	-
City Buildings	2021	Add roof access to south fire station	7,000	-	-	-	7,000	-	-
City Buildings	2021	Pool Umbrella Fabric	15,000	-	-	-	15,000	-	-
City Buildings	2021	New Water Feature	25,000	-	-	-	25,000	-	-
City Buildings	2021	Parking Lot Improvements	140,000	-	-	-	140,000	-	-
City Buildings	2021	Parking Lot / Building Lights	40,000	-	-	-	40,000	-	-
City Buildings	2022	Replace council chambers carpet	15,000	-	-	-	-	15,000	-
City Buildings	2022	Replace generator at north fire station	26,000	-	-	-	-	26,000	-
City Buildings	2022	Replace generator at south fire station	26,000	-	-	-	-	26,000	-
City Buildings	2022	Pool Cargo Net	8,000	-	-	-	-	8,000	-
City Buildings	2022	Replace Building Louvers	50,000	-	-	-	-	50,000	-
City Buildings	2022	Dishwasher	18,000	-	-	-	-	18,000	-
City Buildings	2022	Replace Floor Scrubber	15,000	-	-	-	-	15,000	-
City Buildings	2023	Replace City Hall cubicles	75,000	-	-	-	-	-	75,000
City Buildings	2023	Replace City Hall carpet	15,000	-	-	-	-	-	15,000
City Buildings	2023	New Water Feature	25,000	-	-	-	-	-	25,000
City Buildings	2023	Replace Water Walk Pads	15,000	-	-	-	-	-	15,000
City Buildings	2023	Replace Sand in Filters	10,000	-	-	-	-	-	10,000
City Buildings	2023	Entrance Fascade	150,000	-	-	-	-	-	150,000
City Buildings	2023	Air Handler (Office & Mtg Rooms)	40,000	-	-	-	-	-	40,000
				<u>\$ 741,518</u>	<u>\$ 549,519</u>	<u>\$ 10,498,520</u>	<u>\$ 319,021</u>	<u>\$ 160,022</u>	<u>\$ 332,023</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Building Fund 408/625
 Schedule of Projected Revenue, Expenditures and Debt
 Alternative A

Capital Project Fund Projected Activity

	2018	2019	2020	2021	2022	2023
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated
	Amounts	Amounts	Amounts	Amounts	Amounts	Amounts
Revenues						
Property taxes (2% increase, annually, beginning in 2019)	\$ 574,400	\$ 585,888	\$ 597,606	\$ 609,558	\$ 621,749	\$ 634,184
Internal charges	-	276,302	288,250	302,663	317,796	333,685
Interest on investments	6,446	28,407	34,622	1,527	10,015	20,300
Intergovernmental revenue (local government aid, 0% increase projected)	-	556,756	556,756	556,756	556,756	556,756
Miscellaneous	-	-	-	-	-	-
Total Revenues	580,846	1,447,353	1,477,234	1,470,503	1,506,316	1,544,925
Expenditures						
Personnel expenses	-	276,302	288,250	302,663	317,796	333,685
Capital outlay						
Parks & Recreation	741,518	549,519	10,498,520	319,021	160,022	332,023
Total Expenditures	741,518	825,821	10,786,770	621,684	477,818	665,708
Excess (Deficiency) of Revenues Over (Under) Expenditures	(160,672)	621,532	(9,309,536)	848,820	1,028,498	879,217
Other Financing Sources						
Bond proceeds	-	-	6,000,000	-	-	-
Transfers in	2,356,742	-	-	-	-	-
Total Other Financing Sources	2,356,742	-	6,000,000	-	-	-
Net Change in Fund Balances	2,196,070	621,532	(3,309,536)	848,820	1,028,498	879,217
Fund Balances, January 1	644,615	2,840,685	3,462,217	152,681	1,001,500	2,029,998
Fund Balances, December 31	\$ 2,840,685	\$ 3,462,217	\$ 152,681	\$ 1,001,500	\$ 2,029,998	\$ 2,909,215

City of Crystal, Minnesota
 Capital Improvement Plan - Building Fund 408/625
 Schedule of Projected Revenue, Expenditures and Debt (Continued)
 Alternative A

Debt Service Fund Related Activity

	2018	2019	2020	2021	2022	2023
	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts
Beginning Balance	\$ -	\$ -	\$ -	\$ -	\$ 29,000	\$ 57,400
Revenue						
Property taxes	-	-	-	609,000	596,400	583,800
Interest	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Revenue	-	-	-	609,000	596,400	583,800
Expenditures						
Principal	-	-	-	400,000	400,000	400,000
Interest	-	-	-	180,000	168,000	156,000
Total Expenditures	-	-	-	580,000	568,000	556,000
Ending Balance	\$ -	\$ -	\$ -	\$ 29,000	\$ 57,400	\$ 85,200

Appendix B

City of Crystal, Minnesota
Schedule of Property Taxes Levied and Tax Rates
For the Years Ended December 31, 2017 and 2018 (Actual) and 2019 to 2023 (Estimated)
Alternative B

	2017	2018	2019	2020	2021	2022	2023
	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated
	Amounts						
Property Taxes Levied for General Purposes							
100 General	\$ 8,657,000	\$ 9,436,779	\$ 9,641,249	\$ 10,266,584	\$ 10,574,582	\$ 10,891,819	\$ 11,218,574
220 EDA/HRA Funds	277,200	277,200	282,744	288,399	294,167	300,050	306,051
415 Street Capital	163,600	163,600	110,144	116,950	121,628	126,493	131,553
235 PERF Fund	137,400	151,900	154,938	158,037	161,197	164,421	167,710
405 PIR Fund	266,220	301,210	-	-	-	-	-
408/625 Building Fund	574,400	574,400	585,888	1,138,903	1,719,568	2,329,267	2,969,451
420 Park Improvements	-	-	248,310	358,914	476,359	593,804	713,804
615 Fleet	-	-	85,680	86,537	87,402	88,276	89,159
620 Information Technology	-	-	159,179	159,902	161,501	163,116	164,747
<i>Subtotal</i>	<u>10,075,820</u>	<u>10,905,089</u>	<u>11,268,132</u>	<u>12,574,225</u>	<u>13,596,404</u>	<u>14,657,247</u>	<u>15,761,048</u>
Property Taxes Levied for Debt Service							
327/420 2005 Pool Bonds	212,000	-	-	-	-	-	-
3XX/408 2020 Facility Bonds (Potential future levy)	-	-	-	-	-	-	-
<i>Subtotal</i>	<u>212,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Taxes Levied	<u>10,287,820</u>	<u>10,905,089</u>	<u>11,268,132</u>	<u>12,574,225</u>	<u>13,596,404</u>	<u>14,657,247</u>	<u>15,761,048</u>
Less: Value of Market Value Levies	(489,200)	(277,200)	(282,744)	(288,399)	(294,167)	(300,050)	(306,051)
Less: Distribution from fiscal disparities	(2,267,618)	(2,186,657)	(2,295,990)	(2,410,789)	(2,531,329)	(2,657,895)	(2,790,790)
City Net Levy	<u>\$ 7,531,002</u>	<u>\$ 8,441,232</u>	<u>\$ 8,689,398</u>	<u>\$ 9,875,037</u>	<u>\$ 10,770,909</u>	<u>\$ 11,699,301</u>	<u>\$ 12,664,207</u>
Tax Capacity							
Personal and Real Estate	\$ 16,716,393	\$ 18,459,975	\$ 19,382,974	\$ 20,352,122	\$ 21,369,729	\$ 22,438,215	\$ 23,560,126
Other assumed net growth factors	-	-	-	-	-	-	-
Less: Contribution to fiscal disparities	(1,082,015)	(1,079,088)	(1,133,042)	(1,189,695)	(1,249,179)	(1,311,638)	(1,377,220)
Less: Tax Increment	(248,944)	(212,599)	(212,599)	(212,599)	(212,599)	(212,599)	(212,599)
Adjusted net tax capacity	<u>\$ 15,385,434</u>	<u>\$ 17,168,288</u>	<u>\$ 18,037,332</u>	<u>\$ 18,949,829</u>	<u>\$ 19,907,950</u>	<u>\$ 20,913,978</u>	<u>\$ 21,970,307</u>

City of Crystal, Minnesota
Schedule of Property Taxes Levied and Tax Rates (Continued)
For the Years Ended December 31, 2017 and 2018 (Actual) and 2019 to 2023 (Estimated)
Alternative B

	2017	2018	2019	2020	2021	2022	2023
	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated
	Amounts						
Tax Rates							
General	42.33%	43.66%	42.28%	43.55%	43.01%	42.44%	41.84%
Capital levies	5.58%	5.51%	5.20%	7.89%	10.44%	12.87%	15.19%
Scheduled debt levies	1.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total City	48.949%	49.168%	48.175%	52.111%	54.104%	55.940%	57.642%
Total EDA Tax Rate	1.385%	1.274%	1.250%	1.225%	1.201%	1.177%	1.152%
Population	22,855	22,967	23,080	23,193	23,307	23,307	23,421
Taxes per Capita	\$ 450	\$ 475	\$ 488	\$ 542	\$ 583	\$ 629	\$ 673
Median Home Value (Jan 2)	\$ 166,000	\$ 182,000	\$ 196,000	\$ 205,800	\$ 216,090	\$ 226,895	\$ 238,239
Median Home Taxes (from city)	703	792	850	975	1,073	1,175	1,282
% change from prior year \$'s	N/A	13%	7%	15%	10%	21%	19%
Tax Levy (\$)							
General	\$ 8,657,000	\$ 9,436,779	\$ 9,641,249	\$ 10,266,584	\$ 10,574,582	\$ 10,891,819	\$ 11,218,574
Capital	1,141,620	1,191,110	1,184,960	1,859,340	2,566,155	3,302,262	4,071,676
Economic Development Authority	277,200	277,200	282,744	288,399	294,167	300,050	306,051
Debt service	212,000	-	-	-	-	-	-
Tax Levy (%)							
General	84%	87%	86%	82%	78%	74%	71%
Capital	11%	11%	11%	15%	19%	23%	26%
Economic Development Authority	3%	3%	3%	2%	2%	2%	2%
Debt service	2%	0%	0%	0%	0%	0%	0%

City of Crystal, Minnesota
Schedule of Annual Fund Cash Balances
For the Years Ended December 31, 2016 and 2017 (Actual) and 2018 to 2023 (Estimated)
Alternative B

		2016	2017	2018	2019	2020	2021	2022	2023	Trend
		Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
		Amounts								
Government-Type										
General Operations										
101	General	\$ 7,426,395	\$ 7,380,956	\$ 7,429,826	\$ 7,429,826	\$ 7,429,825	\$ 6,941,339	\$ 5,935,057	\$ 4,380,352	●
Special Revenue										
220	Economic Development Authority	3,758,615	3,190,635	3,203,865	2,174,657	2,091,753	2,003,477	1,909,612	1,809,930	●
* 206-210	TIF Districts Special Revenue	1,795,278	1,817,122	1,835,293	1,853,646	1,872,183	1,890,904	1,909,813	1,928,912	●
* 240-245	Special Projects	86,462	98,913	99,902	99,903	99,904	99,905	99,906	99,907	●
Subtotal		5,640,355	5,106,670	5,139,060	4,128,206	4,063,840	3,994,287	3,919,332	3,838,749	
Debt Service										
329-336	Debt Service	5,731,734	5,282,301	5,219,104	5,164,999	5,119,733	5,077,749	5,044,073	5,044,073	●
Capital Projects										
405	Capital Improvement Revolving	8,440,754	8,229,232	-	-	-	-	-	-	●
415	Street Reconstruction	2,521,416	6,049,965	7,643,645	6,765,226	6,143,478	5,562,380	4,723,994	3,847,335	●
409	Fire Equipment Revolving	585,190	-	-	-	-	-	-	-	●
235	Police Equipment Revolving	3,109,809	3,080,805	2,937,313	2,889,424	2,855,655	2,834,509	2,828,076	2,787,866	●
410	Street Maintenance	1,587,990	1,696,364	-	-	-	-	-	-	●
408/625	Building	138,213	644,615	2,840,685	3,462,217	4,693,978	6,698,221	9,491,204	12,780,300	●
420	Park Improvement	-	210,780	1,739,617	807,323	663,311	615,303	659,260	803,656	●
* 404	Cable TV Equipment	69,757	108,477	109,562	110,657	111,764	112,882	114,010	115,151	●
Subtotal		16,314,916	19,375,623	12,430,137	10,572,631	9,774,208	9,125,074	8,325,340	7,554,009	
Total - Governmental-type Funds		35,113,400	37,145,550	30,218,128	27,295,663	26,387,605	25,138,448	23,223,802	20,817,183	
Internal Service										
620	Information Technology	-	-	243,971	99,943	(61,393)	(201,568)	(225,555)	(343,627)	●
615	Fleet	-	-	2,376,993	1,833,443	1,298,314	969,699	536,672	171,198	●
* 605	Self Insurance	960,549	898,302	907,285	916,358	925,521	934,777	944,124	953,566	●
Total - Internal Service-type Funds		960,549	898,302	3,528,248	2,849,744	2,162,442	1,702,908	1,255,242	781,136	

City of Crystal, Minnesota
Schedule of Annual Fund Cash Balances (Continued)
For the Years Ended December 31, 2016 and 2017 (Actual) and 2018 to 2023 (Estimated)
Alternative B

		2016	2017	2018	2019	2020	2021	2022	2023	Trend
		Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
		Amounts								
Business-Type										
Enterprise Funds										
505	Water	\$ 438,599	\$ 953,039	\$ 1,472,446	\$ 1,403,899	\$ 1,416,770	\$ 1,420,711	\$ 1,537,371	\$ 1,619,699	●
510	Sewer	2,312,443	2,121,076	1,985,036	1,652,259	1,279,982	965,541	660,095	364,338	●
515	Storm Drainage	379,568	787,914	1,384,970	592,250	1,198,320	1,092,958	1,220,675	1,685,509	●
520	Street Lights	387,731	488,501	586,061	643,390	724,559	810,026	900,009	(5,265)	●
*	525 Recycling	109,314	120,021	121,221	122,433	123,658	124,894	126,143	127,405	●
Total - Business-type Funds		3,627,655	4,470,551	5,549,734	4,414,232	4,743,288	4,414,131	4,444,293	3,791,687	
Agency Fund										
*	250 Hennepin Recycling Group	1,704,244	1,399,536	1,413,531	1,427,667	1,441,943	1,456,363	1,470,926	1,485,636	●
Grand Total - City		\$ 41,544,061	\$ 44,558,554	\$ 43,550,326	\$ 39,449,522	\$ 38,887,960	\$ 37,753,351	\$ 36,504,662	\$ 33,906,062	

* Annual growth in fund balance of 1% assumed

Trend indicator

- Adequate for reserve levels
- Adequate as of 2016 but decreasing balances, watch
- Below targeted reserve levels and should have a plan to address
- The fund has events in the future that need addressing now

City of Crystal, Minnesota
 Outstanding Debt Schedule
 For the Years Ended December 31, 2016 and 2017 (Actual) and 2018 to 2023 (Estimated)
 Alternative B

Fund Issue	Original Issue	Issue Date	Maturity Date	Interest Rate	2016	2017	2018	2019	2020	2021	2022	2023
					Actual Balance	Actual Balance	Estimated Balance	Estimated Balance	Estimated Balance	Estimated Balance	Estimated Balance	
Government-Type												
<i>General Obligation Bonds</i>												
327 2005B General Obligation Aquatic Center Bond	\$ 2,395,000	9/1/2005	2/1/2020	3.50-4.00%	\$ 765,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
326 2005A Special Assessment	1,440,000	9/14/2005	2/1/2021	3.50-4.00%	-	-	-	-	-	-	-	-
328 2006A Special Assessment	1,855,000	6/29/2006	2/1/2022	3.75-4.20%	-	-	-	-	-	-	-	-
329 2008A Special Assessment	2,190,000	8/1/2008	2/1/2024	3.50-4.35%	1,045,000	900,000	760,000	625,000	495,000	365,000	240,000	120,000
330 2009A Special Assessment	3,360,000	7/21/2009	2/1/2030	2.00-4.50%	2,200,000	2,020,000	1,845,000	1,675,000	1,505,000	1,340,000	1,180,000	1,020,000
331 2013B Street Reconstruction	85,940				85,940	-	-	-	-	-	-	-
332 2011A Special Assessment	1,705,000	7/19/2011	2/1/2027	0.50-3.55%	1,155,000	1,030,000	910,000	795,000	685,000	575,000	470,000	370,000
333 2012A Special Assessment	2,635,000	7/16/2013	2/1/2028	0.50-3.55%	2,000,000	1,805,000	1,615,000	1,430,000	1,250,000	1,080,000	915,000	750,000
334 2013A Special Assessment	3,235,000	6/17/2015	2/1/2029	0.50-3.55%	2,770,000	2,525,000	2,285,000	2,050,000	1,825,000	1,605,000	1,390,000	1,180,000
335 2015A Special Assessment	2,550,000	7/16/2015	2/1/2031	2.50-3.00%	2,550,000	2,325,000	2,130,000	1,940,000	1,755,000	1,575,000	1,400,000	1,230,000
336 2016A Special Assessment	3,330,000	8/25/2016	2/1/2032	2.00-2.50%	3,330,000	3,330,000	3,050,000	2,795,000	2,550,000	2,310,000	2,075,000	1,845,000
337 2017A Special Assessment	4,665,000	9/14/2017	2/1/2033	2.00-3.00%	-	4,665,000	4,665,000	4,250,000	3,920,000	3,595,000	3,280,000	2,965,000
<i>Total G.O. Tax Bonds</i>	<u>29,445,940</u>				<u>15,900,940</u>	<u>18,600,000</u>	<u>17,260,000</u>	<u>15,560,000</u>	<u>13,985,000</u>	<u>12,445,000</u>	<u>10,950,000</u>	<u>9,480,000</u>
Total Government-Type	<u>\$ 29,445,940</u>				<u>\$ 15,900,940</u>	<u>\$ 18,600,000</u>	<u>\$ 17,260,000</u>	<u>\$ 15,560,000</u>	<u>\$ 13,985,000</u>	<u>\$ 12,445,000</u>	<u>\$ 10,950,000</u>	<u>\$ 9,480,000</u>
Population					22,855	22,855	22,967	23,080	23,193	23,307	23,421	23,536
Debt Per Capita - total					\$ 696	\$ 814	\$ 752	\$ 674	\$ 603	\$ 534	\$ 468	\$ 403

City of Crystal, Minnesota
 Capital Improvement Plan - Building Fund 408/625
 Schedule of Planned Capital Outlay 2018 to 2023
 Alternative B

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
City Buildings	2018	City Hall - office cubes and desks	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -
City Buildings	2018	City Hall - replace fire alarm panel	2,000	2,000	-	-	-	-	-
City Buildings	2018	City Hall & CCC - front end UNC for HVAC system	33,000	33,000	-	-	-	-	-
City Buildings	2018	City Hall - Chamber window film/lights	7,500	7,500	-	-	-	-	-
City Buildings	2018	Fire - South - replace water heater	7,000	7,000	-	-	-	-	-
City Buildings	2018	Fire - South - rehab stairway to roof	7,000	7,000	-	-	-	-	-
City Buildings	2018	Fire - North - tuckpoint walls	5,000	5,000	-	-	-	-	-
City Buildings	2018	Water walk cargo net	7,000	7,000	-	-	-	-	-
City Buildings	2018	Replace pool heaters	20,000	20,000	-	-	-	-	-
City Buildings	2018	Extend irrigation system	15,000	15,000	-	-	-	-	-
City Buildings	2018	Add windows and screens to louvers of pool building	20,000	20,000	-	-	-	-	-
City Buildings	2018	Update entryway of pool building	200,000	200,000	-	-	-	-	-
City Buildings	2018	Rehab/recoat pool building floor	40,000	40,000	-	-	-	-	-
City Buildings	2018	Repair tile and plaster inside pool	15,000	15,000	-	-	-	-	-
City Buildings	2018	Umbrella and/or fabric replacement program	33,000	33,000	-	-	-	-	-
City Buildings	2018	Skylight/Roof renovation	145,000	145,000	-	-	-	-	-
City Buildings	2018	Replace LCD projector and add smart board	8,000	8,000	-	-	-	-	-
City Buildings	2018	Replace convection ovens (2)	10,000	10,000	-	-	-	-	-
City Buildings	2018	Activity room - reface cabinets	5,000	5,000	-	-	-	-	-
City Buildings	2018	Replace Community Center lighted marquee	40,000	40,000	-	-	-	-	-
City Buildings	2018	Front desk security/update	20,000	20,000	-	-	-	-	-
City Buildings	2019	2019 Capital requests	307,000	-	307,000	-	-	-	-
City Buildings	2019	Repair/repaint east side of City Hall	24,000	-	24,000	-	-	-	-
City Buildings	2019	Paint South Fire station	32,000	-	32,000	-	-	-	-
City Buildings	2019	Replace service doors at South fire station	10,000	-	10,000	-	-	-	-
City Buildings	2019	Replace service doors at PD lower lot	10,000	-	10,000	-	-	-	-
City Buildings	2019	Replace tube (bay area) heaters at north station	6,000	-	6,000	-	-	-	-
City Buildings	2019	Replace irrigation system at north fire station	10,000	-	10,000	-	-	-	-
City Buildings	2019	Replace 'Teacup' Water Feature	25,000	-	25,000	-	-	-	-
City Buildings	2019	Paint Bridge & Diving Board	30,000	-	30,000	-	-	-	-
City Buildings	2019	Heater #2 (pool water)	20,000	-	20,000	-	-	-	-
City Buildings	2019	LED Lights - Gyms/storage/restrooms	26,500	-	26,500	-	-	-	-
City Buildings	2019	Painting Mtg. rooms, hallway, etc.	8,000	-	8,000	-	-	-	-
City Buildings	2019	Landscaping on SE side	15,000	-	15,000	-	-	-	-
City Buildings	2019	Temp./Light Controls - gyms	24,000	-	24,000	-	-	-	-
City Buildings	2020	City Hall Furniture / Remodel	110,000	-	-	110,000	-	-	-
City Buildings	2020	2020 Capital requests	10,000	-	-	10,000	-	-	-
City Buildings	2020	Generator for City Hall	225,000	-	-	225,000	-	-	-
City Buildings	2020	Replace tube (bay area) heaters at north station	6,000	-	-	6,000	-	-	-
City Buildings	2020	Re-Landscape City Hall south and west sides	20,000	-	-	20,000	-	-	-
City Buildings	2020	City Hall fire alarm system upgrade	9,000	-	-	9,000	-	-	-
City Buildings	2020	Coat Zero Depth Slide	8,000	-	-	8,000	-	-	-
City Buildings	2020	Irrigation for Front of Building	15,000	-	-	15,000	-	-	-
City Buildings	2020	Gazebo for Bday Party Rental	15,000	-	-	15,000	-	-	-

City of Crystal, Minnesota
 Capital Improvement Plan - Building Fund 408/625
 Schedule of Planned Capital Outlay 2018 to 2023 (Continued)
 Alternative B

Department	Year to Replace	Item	Cost	2018	2019	2020	2021	2022	2023
				Estimated Amounts					
City Buildings	2020	LED Lights - Office/Meeting Rooms	\$ 25,500	\$ -	\$ -	\$ 25,500	\$ -	\$ -	\$ -
City Buildings	2020	Bask. Hoop Safety Straps/Maint	10,000	-	-	10,000	-	-	-
City Buildings	2020	Meeting Room Window Treatments	9,000	-	-	9,000	-	-	-
City Buildings	2020	Entryway Mats	12,000	-	-	12,000	-	-	-
City Buildings	2020	Temp./Light Controls (Kitchen/Sr.)	12,000	-	-	12,000	-	-	-
City Buildings	2020	Temp./Light Controls (Office/Mtg.)	10,000	-	-	10,000	-	-	-
City Buildings	2021	Replace roof at south fire station	90,000	-	-	-	90,000	-	-
City Buildings	2021	Add roof access to south fire station	7,000	-	-	-	7,000	-	-
City Buildings	2021	Pool Umbrella Fabric	15,000	-	-	-	15,000	-	-
City Buildings	2021	New Water Feature	25,000	-	-	-	25,000	-	-
City Buildings	2021	Parking Lot Improvements	140,000	-	-	-	140,000	-	-
City Buildings	2021	Parking Lot / Building Lights	40,000	-	-	-	40,000	-	-
City Buildings	2022	Replace council chambers carpet	15,000	-	-	-	-	15,000	-
City Buildings	2022	Replace generator at north fire station	26,000	-	-	-	-	26,000	-
City Buildings	2022	Replace generator at south fire station	26,000	-	-	-	-	26,000	-
City Buildings	2022	Pool Cargo Net	8,000	-	-	-	-	8,000	-
City Buildings	2022	Replace Building Louvers	50,000	-	-	-	-	50,000	-
City Buildings	2022	Dishwasher	18,000	-	-	-	-	18,000	-
City Buildings	2022	Replace Floor Scrubber	15,000	-	-	-	-	15,000	-
City Buildings	2023	Replace City Hall cubicles	75,000	-	-	-	-	-	75,000
City Buildings	2023	Replace City Hall carpet	15,000	-	-	-	-	-	15,000
City Buildings	2023	New Water Feature	25,000	-	-	-	-	-	25,000
City Buildings	2023	Replace Water Walk Pads	15,000	-	-	-	-	-	15,000
City Buildings	2023	Replace Sand in Filters	10,000	-	-	-	-	-	10,000
City Buildings	2023	Entrance Fascade	150,000	-	-	-	-	-	150,000
City Buildings	2023	Air Handler (Office & Mtg Rooms)	40,000	-	-	-	-	-	40,000
				<u>\$ 741,518</u>	<u>\$ 549,519</u>	<u>\$ 498,520</u>	<u>\$ 319,021</u>	<u>\$ 160,022</u>	<u>\$ 332,023</u>

City of Crystal, Minnesota
 Capital Improvement Plan - Building Fund 408/625
 Schedule of Projected Revenue, Expenditures and Debt
 Alternative B

Capital Project Fund Projected Activity

	2018	2019	2020	2021	2022	2023
	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts
Revenues						
Property taxes (2% increase based on Building Levy in 2019, 5% levy increase based on overall levy in in 2020 - 2023)	\$ 574,400	\$ 585,888	\$ 1,138,903	\$ 1,719,568	\$ 2,329,267	\$ 2,969,451
Internal charges	-	276,302	288,250	302,663	317,796	333,685
Interest on investments	6,446	28,407	34,622	46,940	66,982	94,912
Intergovernmental revenue (local government aid, 0% increase projected)	-	556,756	556,756	556,756	556,756	556,756
Miscellaneous	-	-	-	-	-	-
Total Revenues	580,846	1,447,353	2,018,531	2,625,927	3,270,801	3,954,804
Expenditures						
Personnel expenses	-	276,302	288,250	302,663	317,796	333,685
Capital outlay						
Parks & Recreation	741,518	549,519	498,520	319,021	160,022	332,023
Total Expenditures	741,518	825,821	786,770	621,684	477,818	665,708
Excess (Deficiency) of Revenues Over (Under) Expenditures	(160,672)	621,532	1,231,761	2,004,243	2,792,983	3,289,096
Other Financing Sources						
Bond proceeds	-	-	-	-	-	-
Transfers in	2,356,742	-	-	-	-	-
Total Other Financing Sources	2,356,742	-	-	-	-	-
Net Change in Fund Balances	2,196,070	621,532	1,231,761	2,004,243	2,792,983	3,289,096
Fund Balances, January 1	644,615	2,840,685	3,462,217	4,693,978	6,698,221	9,491,204
Fund Balances, December 31	\$ 2,840,685	\$ 3,462,217	\$ 4,693,978	\$ 6,698,221	\$ 9,491,204	\$ 12,780,300

City of Crystal, Minnesota
 Capital Improvement Plan - Building Fund 408/625
 Schedule of Projected Revenue, Expenditures and Debt (Continued)
 Alternative B

Debt Service Fund Related Activity

	2018	2019	2020	2021	2022	2023
	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts	Estimated Amounts
Beginning Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue						
Property taxes	-	-	-	-	-	-
Interest	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total Revenue	-	-	-	-	-	-
Expenditures						
Principal	-	-	-	-	-	-
Interest	-	-	-	-	-	-
Total Expenditures	-	-	-	-	-	-
Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -