



CITY of NOVI CITY COUNCIL

Agenda Item 3
May 21, 2018

SUBJECT: Approval of Resolution for Fiscal-Year 2018-2019 Budget and Acknowledging the Multi-Year Budget, Including Projections of Future Fiscal-Years 2019-2020 and 2020-2021.

SUBMITTING DEPARTMENT: Finance

CITY MANAGER APPROVAL: 

BACKGROUND INFORMATION:

Attached for your consideration is the adopting resolution for the Fiscal-Year 2018-2019 Budget and acknowledgement of the multi-year budget. The budget process started in August 2017 with development of the capital improvement plan, continued with the early budget input session where City Council's strategic themes were discussed in January 2018, and finally multiple meetings were held with all departments in order to draft a budget that complied with the overall goals set by the Novi City Council. The recommended budget was presented to City Council on March 26, 2018.

The attached pages are specific pages from the Financial Summaries section of the Recommended Budget document and reflect the Council's two amendments discussed at the April 18, 2018 Budget Session and the additional amendment to the CIP Fund as discussed at the May 7, 2018 Council Meeting.

The first amendment from the April 18, 2018 meeting included a use of fund balance within the General Fund in the amount of \$50,000 for FY 2018-19. This use of fund balance is helping fund the Commercial Area Mobility Study which increases the Economic Development Department budget from \$218,559 to \$268,559. The second amendment was to add an additional full-time Police Officer within the Public Safety – Police Department in the amount of \$88,549 with a reduction to the OPEB (Other Post Employment Benefit) contribution for the same amount, therefore; having a net zero effect within the personnel services budget category within the Police Department. The net effect of the two amendments on the General Fund's FY 2018-19 fund balance is a negative \$50,000. The projected fund balance of the General Fund for the 2018-2019 fiscal year is estimated at 32% which exceeds the Fund Balance Policy of the City of Novi and City Council's objectives of 22% to 25%.

The amendment to the Capital Improvement Program (CIP) Fund discussed at the May 7, 2018 Council Meeting included the following revisions:

- revised FY 2017/18 estimated activity due to the delay in starting various major projects
- revised FY 2018/19 Budget to reflect when borrowings will actually take place including the entire \$17 million borrowing up front from the Water & Sewer Fund as well as \$21.3 million in capital outlay expenditures which \$19.7 million is proposed for

the Lakeshore Building, the construction of the ITC Trail, and the DPS Building offset by the contributions from the Drain Fund and Water & Sewer Fund in the amount of \$2.7 million

- removed the Crescent Boulevard extension project between Grand River Avenue and Novi Road (aka Ring Road SAD) from the FY 2019/20 CIP Fund budget and put into the Corridor Improvement (CIA) Fund which is expected to be created in future years

All budgeted funds are within the required fund balances of the City's aforementioned policy and most of the funds' budgets presented with this Resolution are projected to cover expenditures with incoming revenues.

The Capital Improvement Program as approved by the City's Planning Commission and presented at the Public Hearing held on February 28, 2018, is incorporated in the budget document.

The City of Novi utilizes multi-year budgets as a planning tool to fulfill the City Council's strategic goals and objectives as well as operate within its means by maintaining a low tax burden on its citizens. The Multi-Year Budget balances future revenues with the corresponding expenditures and maintains the fund balances for the General Fund and Special Revenue Funds within the limits set by the City of Novi's Fund Balance Policy. Furthermore, the Multi-Year Budget also incorporates the long-range elements of the Capital Improvement Program (CIP) as approved by the City's Planning Commission and presented to the Public Hearing on February 28, 2018.

RECOMMENDED ACTION: Approval of Resolution for Fiscal-Year 2018-2019 Budget and Acknowledging the Multi-Year Budget, Including Projections of Future Fiscal-Years 2019-2020 and 2020-2021.

**Resolution of Adoption Fiscal-Year 2018-2019 Budget and
Acknowledging the Multi-Year Budget Including Projections of Future
Fiscal-Years 2019-2020 and 2020-2021**

WHEREAS, the City Manager's recommended budget is based upon the January 13, 2018 City Council early budget input session where City Council's strategic themes were discussed, and the February 5, 2018 property tax projection presentation to City Council, and

WHEREAS, this budget has incorporated the CIP plan as approved by the City's Planning Commission at the public hearing held on February 28, 2018, and

WHEREAS, pursuant to Section 8.3 of the Novi City Charter, a detailed revenue and expenditure plan has been presented in accordance with all applicable City, State and Federal Statutes, and

WHEREAS, the City Council passed two amendments to the recommended budget during the April 18, 2018 Special Budget Meeting, and

WHEREAS, a public hearing was also held on May 7, 2018 on the proposed budget, and

WHEREAS, this budget takes into consideration the City's Multi-Year Budget and financial planning through fiscal-year 2020-2021, and

NOW, THEREFORE, BE IT RESOLVED, that the fiscal year 2018-19 attached budget is adopted and that the City Council acknowledges the Multi-Year Budget, Including Projections of Future Fiscal-Years 2019-2020 and 2020-2021 as part of this resolution.

I certify that the foregoing is a true and complete copy of a Resolution adopted by the City Council of the City of Novi at a regular Meeting held on this 21st day of May 2018.

Cortney Hanson, City Clerk

GENERAL FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20	PROJECTED 2020-21
ESTIMATED REVENUES					
PROPERTY TAX REVENUE					
Property Tax Revenue - Current Levy	\$ 16,502,008	\$ 17,049,995	\$ 18,072,995	\$ 18,705,550	\$ 19,360,245
Property Tax Revenue- County Chargebacks	14,915	16,005	10,000	10,000	10,000
Property Tax Revenue - Tax Tribunal Accr	62,000	1,636	5,000	5,000	5,000
Property Tax Revenue -Brownfield Capture	(1,411)	(1,448)	(1,511)	(1,571)	(1,634)
Property Tax Revenue -Police & Fire Levy	4,687,841	4,843,646	5,130,968	5,308,922	5,495,104
Property Tax Revenue - Brownfield Cap 2015	-	(9,403)	(20,000)	(30,000)	(40,000)
Property Tax Revenue - PA 359 Advertising	-	-	50,000	50,000	50,000
Property Tax Revenue - C/Y Delequent PPT	(55,077)	(41,400)	(35,000)	(40,000)	(45,000)
Trailer Tax fees	9,405	9,500	9,500	9,600	9,700
Penalty and interest	176,128	176,000	175,000	185,000	195,000
PROPERTY TAX REVENUE	\$ 21,395,809	\$ 22,044,531	\$ 23,396,952	\$ 24,202,501	\$ 25,038,415
DONATIONS					
Police Dept Donations	\$ -	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Restricted Fire donations	-	500	500	500	500
Contributions	1,082	-	-	-	-
DONATIONS	\$ 1,082	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500
LICENSES, PERMITS & CHARGES FOR SVCS					
Clerks Dept Fees (prior business regist)	\$ 31,615	\$ 26,000	\$ 27,000	\$ 28,000	\$ 29,000
Liquor license fees	63,269	65,000	65,000	65,000	65,000
Engineering review fees	232,575	250,000	250,000	250,000	250,000
Plan and landscape review fees	112,408	130,000	130,000	130,000	130,000
Wet, Wood, Landscape insp/review fees	197,322	316,685	437,500	441,000	441,000
Building permits	1,002,307	850,000	875,000	900,000	880,000
Plan review fees	439,629	375,000	375,000	375,000	375,000
Refrigeration permits	74,024	65,000	65,000	65,000	65,000
Electrical permits	231,752	200,000	210,000	215,000	220,000
Heating permits	197,837	200,000	190,000	200,000	200,000
Plumbing permits	142,168	125,000	125,000	125,000	125,000
Other charges	314,640	425,000	390,000	420,000	400,000
Court abatement revenue	5,456	775	-	-	-
Soil erosion fees	26,314	25,000	25,000	26,000	27,000
Cable television fee	934,665	975,000	975,000	1,025,000	1,075,000
Weed cutting revenue	4,965	6,000	6,000	6,000	6,000
Board of appeals	20,350	21,000	21,000	21,000	21,000
Police department-miscellaneous revenue	131,372	139,000	139,000	139,000	139,000
Police dispatch service revenue	116,276	122,090	125,753	129,525	133,411
Police contracted services	104,733	100,000	100,000	100,000	100,000
Police OWI revenue	1,998	500	-	-	-
Police Department - Hosted Training	18,695	20,000	20,000	20,000	20,000
Administrative reimburse	142,925	140,000	140,000	140,000	140,000
Fire Station CEMS revenue	7,200	7,200	7,200	7,200	7,200
LICENSES, PERMITS & CHARGES FOR SVCS	\$ 4,554,495	\$ 4,584,250	\$ 4,698,453	\$ 4,827,725	\$ 4,848,611
FEDERAL GRANTS					
Federal Grants	\$ 6,045	\$ 3,100	\$ -	\$ -	\$ -
TIA Grant	10,066	8,000	10,000	10,000	10,000
Federal forfeitures-reimbursement only	25,414	30,000	30,000	30,000	30,000
SS Task Force Reimbursement	19,500	20,000	20,000	20,000	20,000
FEDERAL GRANTS	\$ 61,025	\$ 61,100	\$ 60,000	\$ 60,000	\$ 60,000
FINES AND FORFEITURES					
Court fees and fines	\$ 455,447	\$ 535,000	\$ 510,000	\$ 515,000	\$ 520,000
Motor carrier fines and fees	26,250	25,000	25,000	25,000	25,000
FINES AND FORFEITURES	\$ 481,697	\$ 560,000	\$ 535,000	\$ 540,000	\$ 545,000

GENERAL FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
INTEREST INCOME					
Interest on Investments	\$ 312,122	\$ 390,000	\$ 165,000	\$ 175,000	\$ 175,000
Unrealized gain (loss) on investments	(253,037)	(50,000)	150,000	150,000	150,000
Interest on Trust & Agency Funds	64,080	242,241	244,826	249,424	249,424
INTEREST INCOME	\$ 123,165	\$ 582,241	\$ 559,826	\$ 574,424	\$ 580,720
OTHER REVENUE					
Insurance Reimbursement	\$ 24,830	\$ 52,605	\$ 30,000	\$ 35,000	\$ 35,000
Fire Department	7,865	10,000	10,000	10,000	10,000
Fire Department Hosted Training	875	875	-	-	-
Novi Youth Council	7,518	9,500	9,500	9,500	9,500
Miscellaneous income	296,851	243,015	240,000	245,000	245,000
Filming permit revenue	-	200	200	200	200
Library Network Charges	19,213	35,000	35,000	35,000	35,000
State of the City revenue	3,796	4,000	4,000	4,000	4,000
Novi Township assessment	16,097	16,370	16,100	16,100	16,100
RRRASOC Hosting Fees	16,000	16,000	16,000	16,000	16,000
Cell tower revenue	-	5,000	5,000	5,000	5,000
Sale of fixed assets	-	6,000	-	-	-
Municipal service charges	365,270	365,270	365,270	365,270	365,270
OTHER REVENUE	\$ 758,315	\$ 763,835	\$ 731,070	\$ 741,070	\$ 741,070
STATE SOURCES					
Police training grant	\$ 25,103	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
State revenue sharing	4,615,570	4,664,289	4,757,575	4,852,726	4,949,781
STATE SOURCES	\$ 4,640,673	\$ 4,689,289	\$ 4,782,575	\$ 4,877,726	\$ 4,974,781
TOTAL ESTIMATED REVENUES	\$ 32,016,261	\$ 33,286,746	\$ 34,765,376	\$ 35,824,946	\$ 36,790,097

GENERAL FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20	PROJECTED 2020-21
APPROPRIATIONS					
Dept 101.00-CITY COUNCIL					
PERSONNEL SERVICES	\$ 36,114	\$ 36,121	\$ 36,113	\$ 36,115	\$ 36,168
SUPPLIES	116	500	500	500	500
OTHER SERVICES AND CHARGES	11,604	21,000	7,000	7,000	7,000
TOTAL Dept 101.00-CITY COUNCIL	\$ 47,834	\$ 57,621	\$ 43,613	\$ 43,615	\$ 43,668
Dept 172.00-CITY MANAGER					
PERSONNEL SERVICES	\$ 493,206	\$ 513,022	\$ 529,757	\$ 541,789	\$ 559,711
SUPPLIES	2,315	1,500	1,500	1,500	1,500
OTHER SERVICES AND CHARGES	105,881	187,324	153,000	123,000	123,000
TOTAL Dept 172.00-CITY MANAGER	\$ 601,402	\$ 701,846	\$ 684,257	\$ 666,289	\$ 684,211
<i>Financial Services</i>					
Dept 201.00-FINANCE DEPARTMENT					
PERSONNEL SERVICES	\$ 781,918	\$ 922,371	\$ 975,303	\$ 990,865	\$ 1,032,262
SUPPLIES	5,285	12,200	13,200	13,200	14,200
OTHER SERVICES AND CHARGES	73,458	83,240	74,250	76,000	76,000
TOTAL Dept 201.00-FINANCE DEPARTMENT	\$ 860,661	\$ 1,017,811	\$ 1,062,753	\$ 1,080,065	\$ 1,122,462
Dept 253.00-TREASURY					
PERSONNEL SERVICES	\$ 262,831	\$ 265,049	\$ 272,930	\$ 280,398	\$ 289,905
SUPPLIES	24,374	31,000	32,375	31,000	32,500
OTHER SERVICES AND CHARGES	42,274	52,820	51,700	56,550	58,550
CAPITAL OUTLAY	-	10,000	9,700	-	-
TOTAL Dept 253.00-TREASURY	\$ 329,479	\$ 358,869	\$ 366,705	\$ 367,948	\$ 380,955
<i>Financial Services Total</i>	\$ 1,190,140	\$ 1,376,680	\$ 1,429,458	\$ 1,448,013	\$ 1,503,417
Dept 205.00-INTEGRATED SOLUTIONS					
PERSONNEL SERVICES	\$ 704,839	\$ 740,821	\$ 772,937	\$ 790,725	\$ 816,226
SUPPLIES	29,170	33,540	47,150	47,150	47,150
OTHER SERVICES AND CHARGES	209,723	221,510	253,340	309,260	337,180
CAPITAL OUTLAY	150,517	9,154	66,915	-	63,000
TOTAL Dept 205.00-INTEGRATED SOLUTIONS	\$ 1,094,249	\$ 1,005,025	\$ 1,140,342	\$ 1,147,135	\$ 1,263,556

GENERAL FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
Dept 209.00-ASSESSING DEPARTMENT					
PERSONNEL SERVICES	\$ 566,293	\$ 607,710	\$ 614,411	\$ 630,709	\$ 655,684
SUPPLIES	16,272	26,500	27,000	28,000	29,000
OTHER SERVICES AND CHARGES	122,847	156,680	201,250	203,200	203,700
CAPITAL OUTLAY	22,222	-	-	-	-
TOTAL Dept 209.00-ASSESSING DEPARTMENT	\$ 727,634	\$ 790,890	\$ 842,661	\$ 861,909	\$ 888,384
Dept 210.00-CITY ATTORNEY, INSURANCE, & CLAIMS					
OTHER SERVICES AND CHARGES	\$ 629,960	\$ 747,000	\$ 757,428	\$ 757,898	\$ 779,801
CAPITAL OUTLAY	4,845	50,000	50,000	50,000	-
TOTAL Dept 210.00-CITY ATTRNY, INSUR, & CLAIMS	\$ 634,805	\$ 797,000	\$ 807,428	\$ 807,898	\$ 779,801
Dept 215.00-CITY CLERK					
PERSONNEL SERVICES	\$ 555,500	\$ 579,458	\$ 592,756	\$ 610,435	\$ 639,377
SUPPLIES	35,788	36,800	53,000	42,000	42,000
OTHER SERVICES AND CHARGES	230,420	147,750	137,250	92,250	142,450
CAPITAL OUTLAY	8,274	3,650	-	-	-
TOTAL Dept 215.00-CITY CLERK	\$ 829,982	\$ 767,658	\$ 783,006	\$ 744,685	\$ 823,827
Dept 265.00-FACILITY MANAGEMENT					
PERSONNEL SERVICES	\$ 319,313	\$ 327,611	\$ 327,387	\$ 333,914	\$ 343,378
SUPPLIES	27,244	66,500	18,500	18,500	18,500
OTHER SERVICES AND CHARGES	479,992	619,871	527,900	519,500	534,500
CAPITAL OUTLAY	117,316	45,999	32,654	231,830	188,000
TOTAL Dept 265.00-FACILITY MANAGEMENT	\$ 943,865	\$ 1,059,981	\$ 906,441	\$ 1,103,744	\$ 1,084,378
Dept 265.10-FACILITY MANAGEMENT - PARKS MAINT					
PERSONNEL SERVICES	\$ 374,302	\$ 416,621	\$ 543,598	\$ 547,393	\$ 571,154
SUPPLIES	32,918	22,500	23,500	23,500	23,500
OTHER SERVICES AND CHARGES	250,311	281,970	317,250	298,050	299,050
CAPITAL OUTLAY	185,178	559,305	142,000	43,699	234,372
TOTAL Dept 265.10-FAC MGMNT - PARKS MAINT	\$ 842,709	\$ 1,280,396	\$ 1,026,348	\$ 912,642	\$ 1,128,076
Dept 270.00-HUMAN RESOURCES					
PERSONNEL SERVICES	\$ 316,193	\$ 369,573	\$ 369,427	\$ 377,350	\$ 391,669
SUPPLIES	2,380	2,000	1,000	1,000	1,000
OTHER SERVICES AND CHARGES	70,012	124,930	116,600	109,600	115,600
CAPITAL OUTLAY	5,808	9,193	5,730	-	-
TOTAL Dept 270.00-HUMAN RESOURCES	\$ 394,393	\$ 505,696	\$ 492,757	\$ 487,950	\$ 508,269

GENERAL FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20	PROJECTED 2020-21
Dept 295.00-COMMUNITY RELATIONS					
PERSONNEL SERVICES	\$ 335,123	\$ 325,064	\$ 321,146	\$ 339,506	\$ 353,453
SUPPLIES	12,680	10,900	10,900	10,900	10,900
OTHER SERVICES AND CHARGES	433,350	414,686	381,800	372,800	392,800
TOTAL Dept 295.00-COMMUNITY RELATIONS	\$ 781,153	\$ 750,650	\$ 713,846	\$ 723,206	\$ 757,153
Dept 296.00 ECONOMIC DEVELOPMENT					
PERSONNEL SERVICES	\$ -	\$ 140,200	\$ 152,059	\$ 155,009	\$ 157,981
OTHER SERVICES AND CHARGES	-	12,000	116,500	51,500	51,500
TOTAL Dept 296.00 ECONOMIC DEVELOPMENT	\$ -	\$ 152,200	\$ 268,559	\$ 206,509	\$ 209,481
<i>Public Safety</i>					
Dept 301.00-POLICE DEPARTMENT					
PERSONNEL SERVICES	\$ 9,560,214	\$ 11,282,623	\$ 11,706,603	\$ 12,049,983	\$ 12,499,685
SUPPLIES	274,192	296,825	319,010	273,895	273,895
OTHER SERVICES AND CHARGES	1,086,114	1,060,695	1,104,695	1,069,995	1,069,995
CAPITAL OUTLAY	390,659	414,256	27,500	161,700	931,248
TOTAL Dept 301.00-POLICE DEPARTMENT	\$ 11,311,179	\$ 13,054,399	\$ 13,157,808	\$ 13,555,573	\$ 14,774,823
Dept 337.00-FIRE DEPARTMENT					
PERSONNEL SERVICES	\$ 4,385,453	\$ 4,970,827	\$ 4,938,613	\$ 5,034,426	\$ 5,162,662
SUPPLIES	180,078	181,500	222,600	206,665	166,500
OTHER SERVICES AND CHARGES	646,867	642,575	650,825	602,075	602,075
CAPITAL OUTLAY	548,948	116,550	364,890	412,370	462,700
TOTAL Dept 337.00-FIRE DEPARTMENT	\$ 5,761,346	\$ 5,911,452	\$ 6,176,928	\$ 6,255,536	\$ 6,393,937
<i>Public Safety Total</i>	\$ 17,072,525	\$ 18,965,851	\$ 19,334,736	\$ 19,811,109	\$ 21,168,760
<i>Community Development</i>					
Dept 371.00-COMMUNITY DEVELOPMENT-BUILDING					
PERSONNEL SERVICES	\$ 1,489,857	\$ 1,568,014	\$ 1,626,679	\$ 1,642,284	\$ 1,700,749
SUPPLIES	26,140	30,080	32,700	33,200	33,200
OTHER SERVICES AND CHARGES	362,013	384,983	347,400	410,800	355,800
CAPITAL OUTLAY	48,094	27,097	-	27,000	-
TOTAL Dept 371.00-COMM DEVELOP-BUILDING	\$ 1,926,104	\$ 2,010,174	\$ 2,006,779	\$ 2,113,284	\$ 2,089,749

GENERAL FUND

Community Development (continued)

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20	PROJECTED 2020-21
Dept 807.00-COMMUNITY DEVELOPMENT-PLANNING					
PERSONNEL SERVICES	\$ 463,143	\$ 444,885	\$ 472,438	\$ 483,982	\$ 522,983
SUPPLIES	3,311	5,000	5,700	5,900	5,900
OTHER SERVICES AND CHARGES	59,396	167,625	57,000	57,000	57,000
CAPITAL OUTLAY	-	130,000	50,000	50,000	50,000
TOTAL Dept 807.00-COMM DEVELOP-PLANNING	\$ 525,850	\$ 747,510	\$ 585,138	\$ 596,882	\$ 635,883
<i>Community Development Total</i>	\$ 2,451,954	\$ 2,757,684	\$ 2,591,917	\$ 2,710,166	\$ 2,725,632

Department of Public Services

Dept 442.00-DPS ADMINISTRATION DIVISION					
PERSONNEL SERVICES	\$ 128,433	\$ 174,968	\$ 279,300	\$ 287,546	\$ 298,150
SUPPLIES	16,798	13,440	11,200	11,200	11,200
OTHER SERVICES AND CHARGES	164,321	167,150	180,940	180,940	181,440
CAPITAL OUTLAY	18,269	6,700	-	-	-
TOTAL Dept 442.00-DPS ADMINISTRATION	\$ 327,821	\$ 362,258	\$ 471,440	\$ 479,686	\$ 490,790

Dept 442.10-DPS ENGINEERING DIVISION					
PERSONNEL SERVICES	\$ 48,016	\$ 176,141	\$ 185,528	\$ 195,659	\$ 214,861
SUPPLIES	2,037	3,000	2,000	2,000	2,000
OTHER SERVICES AND CHARGES	170,503	302,082	192,600	180,600	180,600
CAPITAL OUTLAY	699,211	136,966	190,351	24,000	-
TOTAL Dept 442.10-DPS ENGINEERING DIVISION	\$ 919,767	\$ 618,189	\$ 570,479	\$ 402,259	\$ 397,461

Dept 442.20-DPS FIELD OPERATIONS DIVISION					
PERSONNEL SERVICES	\$ 338,825	\$ 275,515	\$ 316,302	\$ 340,053	\$ 406,101
SUPPLIES	89,042	94,500	99,500	100,500	101,500
OTHER SERVICES AND CHARGES	444,593	622,202	593,780	593,780	593,780
CAPITAL OUTLAY	772,977	1,068,603	540,000	1,045,000	142,000
TOTAL Dept 442.20-DPS FIELD OPERATIONS	\$ 1,645,437	\$ 2,060,820	\$ 1,549,582	\$ 2,079,333	\$ 1,243,381

Dept 442.30-DPS FLEET ASSET DIVISION					
PERSONNEL SERVICES	\$ 343,558	\$ 371,984	\$ 382,747	\$ 392,505	\$ 406,110
SUPPLIES	44,998	27,000	31,000	27,000	27,000
OTHER SERVICES AND CHARGES	325,088	326,992	351,200	365,200	365,200
CAPITAL OUTLAY	107,359	273,025	75,000	-	-
TOTAL Dept 442.30-DPS FLEET ASSET DIVISION	\$ 821,003	\$ 999,001	\$ 839,947	\$ 784,705	\$ 798,310
<i>Department of Public Services Total</i>	\$ 3,714,028	\$ 4,040,268	\$ 3,431,448	\$ 3,745,983	\$ 2,929,942

GENERAL FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20	PROJECTED 2020-21
Dept 665.00-NOVI YOUTH ASSISTANCE					
PERSONNEL SERVICES	\$ 46,655	\$ 47,376	\$ 47,259	\$ 47,593	\$ 48,042
SUPPLIES	5,023	9,642	6,500	6,500	6,500
TOTAL Dept 665.00-NOVI YOUTH ASSISTANCE	\$ 51,678	\$ 57,018	\$ 53,759	\$ 54,093	\$ 54,542
Dept 803.00-HISTORICAL COMMISSION					
OTHER SERVICES AND CHARGES	\$ 4,535	\$ 14,500	\$ 8,000	\$ 8,000	\$ 8,000
TOTAL Dept 803.00-HISTORICAL COMMISSION	\$ 4,535	\$ 14,500	\$ 8,000	\$ 8,000	\$ 8,000
Dept 940.00-TRANSFER TO OTHER FUNDS					
TRANSFERS OUT	\$ 1,472,736	\$ (93,500)	\$ 256,800	\$ 342,000	\$ 229,000
TOTAL Dept 940.00-TRANSFER TO OTHER FUNDS	\$ 1,472,736	\$ (93,500)	\$ 256,800	\$ 342,000	\$ 229,000
TOTAL APPROPRIATIONS	\$32,855,622	\$ 34,987,464	\$ 34,815,376	\$35,824,946	\$ 36,790,097
NET OF REVENUES/APPROPRIATIONS	\$ (839,361)	\$ (1,700,718)	\$ (50,000)	\$ -	\$ -
BEGINNING FUND BALANCE	13,745,202	12,905,841	11,205,123	11,155,123	11,155,123
ENDING FUND BALANCE	\$12,905,841	\$ 11,205,123	\$ 11,155,123	\$11,155,123	\$ 11,155,123

Fund balance as a percentage of total annual expenditures	39%	32%	32%	31%	30%
Ending Fund Balance (22% min)	\$ 7,228,237	\$ 7,697,242	\$ 7,659,383	\$ 7,881,488	\$ 8,093,821
Funds above / (below) 22% min	\$ 5,677,604	\$ 3,507,881	\$ 3,495,740	\$ 3,273,635	\$ 3,061,302
Ending Fund Balance (25% max)	\$ 8,213,906	\$ 8,746,866	\$ 8,703,844	\$ 8,956,237	\$ 9,197,524
Funds above / (below) 25% max	\$ 4,691,936	\$ 2,458,257	\$ 2,451,279	\$ 2,198,887	\$ 1,957,599
Estimated Change in Fund Balance	-6%	-13%	0%	0%	0%

* **Total Appropriations** include service improvements, capital outlay, vehicles, and capital improvements. The level of such expenditures is dictated by available funds from accumulated fund balance and anticipated revenue above annual expenditures in conjunction with the targeted fund balance.

MAJOR STREET FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20 2020-21	
ESTIMATED REVENUES					
Interest income	\$ 10,896	\$ 3,501	\$ 6,660	\$ 4,000	\$ 4,350
Other revenue	-	70,000	-	-	-
State sources	3,225,703	3,771,049	4,037,014	4,323,871	4,771,899
Transfers in	-	1,249,128	-	-	52,000
TOTAL ESTIMATED REVENUES	\$ 3,236,599	\$ 5,093,678	\$ 4,043,674	\$ 4,327,871	\$ 4,828,249
APPROPRIATIONS					
Other services and charges	\$ 1,274,492	\$ 1,572,192	\$ 1,557,875	\$ 1,539,690	\$ 1,539,690
Capital outlay	780,671	3,620,200	1,485,799	2,249,181	3,288,559
Transfers out	1,250,000	-	1,000,000	539,000	-
TOTAL APPROPRIATIONS	\$ 3,305,163	\$ 5,192,392	\$ 4,043,674	\$ 4,327,871	\$ 4,828,249
NET OF REVENUES/APPROPRIATIONS - FUND 202	\$ (68,564)	\$ (98,714)	\$ -	\$ -	\$ -
BEGINNING FUND BALANCE	695,321	626,757	528,043	528,043	528,043
ENDING FUND BALANCE	\$ 626,757	\$ 528,043	\$ 528,043	\$ 528,043	\$ 528,043

Fund balance as a percentage of total annual expenditures	19%	10%	13%	12%	11%
Ending Fund Balance (10% minimum)	\$ 330,516	\$ 519,239	\$ 404,367	\$ 432,787	\$ 482,825
Funds above / (below) 10% minimum	\$ 296,241	\$ 8,804	\$ 123,676	\$ 95,256	\$ 45,218
Ending Fund Balance (20% maximum)	\$ 661,033	\$ 1,038,478	\$ 808,735	\$ 865,574	\$ 965,650
Funds above / (below) 20% maximum	\$ (34,276)	\$ (510,435)	\$ (280,692)	\$ (337,531)	\$ (437,607)
Estimated Change in Fund Balance	-10%	-16%	0%	0%	0%

LOCAL STREET FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20 2020-21	
ESTIMATED REVENUES					
Interest income	\$ 3,339	\$ 4,178	\$ 4,117	\$ 2,597	\$ 3,041
Other revenue	16,800	-	-	-	-
State sources	1,129,243	1,326,568	1,404,856	1,505,643	1,663,058
Transfers in	2,324,106	3,283,946	4,676,000	3,721,000	4,153,000
TOTAL ESTIMATED REVENUES	\$ 3,473,488	\$ 4,614,692	\$ 6,084,973	\$ 5,229,240	\$ 5,819,099
APPROPRIATIONS					
Other services and charges	\$ 1,308,575	\$ 1,624,288	\$ 1,630,973	\$ 1,679,240	\$ 1,729,240
Capital outlay	2,207,903	3,082,518	4,400,000	3,550,000	4,089,859
TOTAL APPROPRIATIONS	\$ 3,516,478	\$ 4,706,806	\$ 6,030,973	\$ 5,229,240	\$ 5,819,099
NET OF REVENUES/APPROPRIATIONS - FUND 203	\$ (42,990)	\$ (92,114)	\$ 54,000	\$ -	\$ -
BEGINNING FUND BALANCE	685,454	642,464	550,350	604,350	604,350
ENDING FUND BALANCE	\$ 642,464	\$ 550,350	\$ 604,350	\$ 604,350	\$ 604,350

Fund balance as a percentage of total annual expenditures	18%	12%	10%	12%	10%
Ending Fund Balance (10% minimum)	\$ 351,648	\$ 470,681	\$ 603,097	\$ 522,924	\$ 581,910
Funds above / (below) 10% minimum	\$ 290,816	\$ 79,669	\$ 1,253	\$ 81,426	\$ 22,440
Ending Fund Balance (20% maximum)	\$ 703,296	\$ 941,361	\$ 1,206,195	\$ 1,045,848	\$ 1,163,820
Funds above / (below) 20% maximum	\$ (60,832)	\$ (391,011)	\$ (601,845)	\$ (441,498)	\$ (559,470)
Estimated Change in Fund Balance	-6%	-14%	10%	0%	0%

MUNICIPAL STREET FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Property tax revenue	\$ 4,931,808	\$ 5,069,973	\$ 5,371,752	\$ 5,562,665	\$ 5,755,836
Interest income	2,125	66,000	10,186	10,707	10,852
Licenses, permits & charges for services	40,195	25,000	25,000	25,000	25,000
Other revenue	311,855	457,104	295,000	295,000	295,000
Special assessments levied	14,507	13,769	13,031	-	-
Transfers in	-	-	-	-	-
TOTAL ESTIMATED REVENUES	\$ 5,300,490	\$ 5,631,846	\$ 5,714,969	\$ 5,893,372	\$ 6,086,688
APPROPRIATIONS					
Other services and charges	\$ 350,885	\$ 663,980	\$ 579,775	\$ 623,275	\$ 582,775
Capital outlay	1,412,466	2,685,327	582,194	2,273,097	1,356,913
Transfers out	4,504,106	4,533,074	3,676,000	3,182,000	4,205,000
TOTAL APPROPRIATIONS	\$ 6,267,457	\$ 7,882,381	\$ 4,837,969	\$ 6,078,372	\$ 6,144,688
NET OF REVENUES/APPROPRIATIONS - FUND 204	\$ (966,967)	\$ (2,250,535)	\$ 877,000	\$ (185,000)	\$ (58,000)
BEGINNING FUND BALANCE	4,007,405	3,040,438	789,903	1,666,903	1,481,903
ENDING FUND BALANCE	\$ 3,040,438	\$ 789,903	\$ 1,666,903	\$ 1,481,903	\$ 1,423,903

Fund balance as a percentage of total annual expenditures	49%	10%	34%	24%	23%
Ending Fund Balance (10% minimum)	\$ 626,746	\$ 788,238	\$ 483,797	\$ 607,837	\$ 614,469
Funds above / (below) 10% minimum	\$ 2,413,692	\$ 1,665	\$ 1,183,106	\$ 874,066	\$ 809,434
Ending Fund Balance (20% maximum)	\$ 1,253,491	\$ 1,576,476	\$ 967,594	\$ 1,215,674	\$ 1,228,938
Funds above / (below) 20% maximum	\$ 1,786,947	\$ (786,573)	\$ 699,309	\$ 266,229	\$ 194,965
Estimated Change in Fund Balance	-24%	-74%	111%	-11%	-4%

PUBLIC SAFETY FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Property tax revenue	\$ -	\$ -	\$ -	\$ -	\$ -
Interest income	-	-	-	-	-
TOTAL ESTIMATED REVENUES	\$ -	\$ -	\$ -	\$ -	\$ -
APPROPRIATIONS					
Other services and charges	\$ 1,238,982	\$ -	\$ -	\$ -	\$ -
TOTAL APPROPRIATIONS	\$ 1,238,982	\$ -	\$ -	\$ -	\$ -
NET OF REVENUES/APPROPRIATIONS - FUND 205	\$ (1,238,982)	\$ -	\$ -	\$ -	\$ -
BEGINNING FUND BALANCE	1,238,982	-	-	-	-
ENDING FUND BALANCE	\$ -	\$ -	\$ -	\$ -	\$ -

Fund balance as a percentage of total annual expenditures	0%	0%	0%	0%	0%
Estimated Change in Fund Balance	-100%	0%	0%	0%	0%

PARKS, RECREATION & CULTURAL SERVICES FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Property tax revenue	\$ 1,267,594	\$ 1,295,457	\$ 1,371,654	\$ 1,418,740	\$ 1,467,525
Donations	14,532	4,500	24,500	4,500	4,500
Interest income	4,466	28,685	20,805	22,202	16,898
Older adult program revenue	192,200	167,350	157,750	157,750	157,750
Other revenue	7,495	7,400	7,400	7,400	7,400
Program revenue	1,219,642	1,204,100	1,236,150	1,235,750	1,241,250
Transfers in	450,000	(102,500)	256,800	342,000	229,000
TOTAL ESTIMATED REVENUES	\$ 3,155,929	\$ 2,604,992	\$ 3,075,059	\$ 3,188,342	\$ 3,124,323
APPROPRIATIONS					
Personnel services	\$ 1,094,432	\$ 1,144,764	\$ 1,229,048	\$ 1,282,919	\$ 1,326,059
Supplies	62,044	81,297	73,180	73,180	73,180
Other services and charges	1,362,214	1,456,912	1,532,920	1,435,084	1,436,084
Capital outlay	993,323	599,806	239,911	577,159	289,000
TOTAL APPROPRIATIONS	\$ 3,512,013	\$ 3,282,779	\$ 3,075,059	\$ 3,368,342	\$ 3,124,323
NET OF REVENUES/APPROPRIATIONS - FUND 208	\$ (356,084)	\$ (677,787)	\$ -	\$ (180,000)	\$ -
BEGINNING FUND BALANCE	1,631,244	1,275,160	597,373	597,373	417,373
ENDING FUND BALANCE	\$ 1,275,160	\$ 597,373	\$ 597,373	\$ 417,373	\$ 417,373

Fund balance as a percentage of total annual expenditures	36%	18%	19%	12%	13%
Ending Fund Balance (12% minimum)	\$ 421,442	\$ 393,933	\$ 369,007	\$ 404,201	\$ 374,919
Funds above / (below) 12% minimum	\$ 853,718	\$ 203,440	\$ 228,366	\$ 13,172	\$ 42,454
Ending Fund Balance (22% maximum)	\$ 772,643	\$ 722,211	\$ 676,513	\$ 741,035	\$ 687,351
Funds above / (below) 22% maximum	\$ 502,517	\$ (124,838)	\$ (79,140)	\$ (323,662)	\$ (269,978)
Estimated Change in Fund Balance	-22%	-53%	0%	-30%	0%

TREE FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
State grants	\$ -	\$ 402,500	\$ -	\$ -	\$ -
Interest income	21,228	58,668	60,090	58,009	59,470
Other revenue	516,516	422,010	300,000	300,000	300,000
TOTAL ESTIMATED REVENUES	\$ 537,744	\$ 883,178	\$ 360,090	\$ 358,009	\$ 359,470
APPROPRIATIONS					
Personnel services	\$ 83,239	\$ 93,408	\$ 98,135	\$ 99,554	\$ 101,015
Supplies	400	1,000	1,000	1,000	1,000
Other services and charges	324,189	402,370	455,955	472,455	497,455
Capital outlay	4,133	605,000	0	0	0
TOTAL APPROPRIATIONS	\$ 411,961	\$ 1,101,778	\$ 555,090	\$ 573,009	\$ 599,470
NET OF REVENUES/APPROPRIATIONS - FUND 209	\$ 125,783	\$ (218,600)	\$ (195,000)	\$ (215,000)	\$ (240,000)
BEGINNING FUND BALANCE	3,716,664	3,842,447	3,623,847	3,428,847	3,213,847
ENDING FUND BALANCE	\$ 3,842,447	\$ 3,623,847	\$ 3,428,847	\$ 3,213,847	\$ 2,973,847

Fund balance as a percentage of total annual expenditures	933%	329%	618%	561%	496%
Ending Fund Balance (\$500,000 minimum)	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Funds above / (below) \$500,000 minimum	\$ 3,342,447	\$ 3,123,847	\$ 2,928,847	\$ 2,713,847	\$ 2,473,847
Estimated Change in Fund Balance	3%	-6%	-5%	-6%	-7%

DRAIN FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Property tax revenue	\$ 698,072	\$ 908,899	\$ 961,410	\$ 993,443	\$ 1,026,668
State grants	8,000	-	-	-	-
Interest income	5,879	9,810	57,871	42,587	41,742
Other revenue	29,674	10,000	10,000	10,000	10,000
Transfers in	-	4,142,000	399,000	1,125,000	627,000
TOTAL ESTIMATED REVENUES	\$ 741,625	\$ 5,070,709	\$ 1,428,281	\$ 2,171,030	\$ 1,705,410
APPROPRIATIONS					
Personnel services	\$ -	\$ -	\$ 25,206	\$ 25,206	\$ 25,206
Other services and charges	815,085	862,556	843,303	876,168	876,668
Capital outlay	1,480,750	5,641,124	828,665	1,269,656	803,536
Transfers out	-	504,000	-	-	-
TOTAL APPROPRIATIONS	\$ 2,295,835	\$ 7,007,680	\$ 1,697,174	\$ 2,171,030	\$ 1,705,410
NET OF REVENUES/APPROPRIATIONS - FUND 210	\$ (1,554,210)	\$ (1,936,971)	\$ (268,893)	\$ -	\$ -
BEGINNING FUND BALANCE	3,760,074	2,205,864	268,893	-	-
ENDING FUND BALANCE	\$ 2,205,864	\$ 268,893	\$ -	\$ -	\$ -

Fund balance as a percentage of total annual expenditures	96%	4%	0%	0%	0%
Estimated Change in Fund Balance	-41%	-88%	0%	0%	0%

RUBBISH COLLECTION FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Interest income	\$ 2,757	\$ -	\$ -	\$ -	\$ -
Licenses, permits & charges for services	1,777,346	1,920,000	2,200,000	2,250,000	2,300,000
Other revenue	20,610	-	-	-	-
Transfers in	22,736	9,000	-	-	-
TOTAL ESTIMATED REVENUES	\$ 1,823,449	\$ 1,929,000	\$ 2,200,000	\$ 2,250,000	\$ 2,300,000
APPROPRIATIONS					
Supplies	\$ 6,703	\$ -	\$ -	\$ -	\$ -
Other services and charges	1,816,746	1,929,000	2,200,000	2,250,000	2,300,000
TOTAL APPROPRIATIONS	\$ 1,823,449	\$ 1,929,000	\$ 2,200,000	\$ 2,250,000	\$ 2,300,000
NET OF REVENUES/APPROPRIATIONS - FUND 210	\$ -	\$ -	\$ -	\$ -	\$ -
BEGINNING FUND BALANCE	-	-	-	-	-
ENDING FUND BALANCE	\$ -	\$ -	\$ -	\$ -	\$ -

Fund balance as a percentage of total annual expenditures	0%	0%	0%	0%	0%
Estimated Change in Fund Balance	0%	0%	0%	0%	0%

PEG CABLE FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Interest income	\$ 1,170	\$ 2,733	\$ 2,388	\$ 4,466	\$ 3,851
Licenses, permits & charges for services	369,702	300,000	315,000	320,000	320,000
TOTAL ESTIMATED REVENUES	\$ 370,872	\$ 302,733	\$ 317,388	\$ 324,466	\$ 323,851
APPROPRIATIONS					
Personnel services	\$ 201,329	\$ 208,264	\$ 216,316	\$ 220,566	\$ 224,951
Supplies	4,279	(3,730)	2,272	5,000	5,000
Other services and charges	(140,389)	20,500	38,900	38,900	38,900
Capital outlay	32,681	61,699	59,900	60,000	-
TOTAL APPROPRIATIONS	\$ 97,900	\$ 286,733	\$ 317,388	\$ 324,466	\$ 268,851
NET OF REVENUES/APPROPRIATIONS - FUND 263	\$ 272,972	\$ 16,000	\$ -	\$ -	\$ 55,000
BEGINNING FUND BALANCE	369,662	642,634	658,634	658,634	658,634
ENDING FUND BALANCE	\$ 642,634	\$ 658,634	\$ 658,634	\$ 658,634	\$ 713,634
Fund balance as a percentage of total annual expenditures	656%	230%	208%	203%	265%
Estimated Change in Fund Balance	74%	2%	0%	0%	8%

COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Federal grants	\$ 111,720	\$ 99,968	\$ 100,000	\$ 100,000	\$ 100,000
TOTAL ESTIMATED REVENUES	\$ 111,720	\$ 99,968	\$ 100,000	\$ 100,000	\$ 100,000
APPROPRIATIONS					
Other services and charges	\$ 79,275	\$ 98,481	\$ 100,000	\$ 100,000	\$ 100,000
TOTAL APPROPRIATIONS	\$ 79,275	\$ 98,481	\$ 100,000	\$ 100,000	\$ 100,000
NET OF REVENUES/APPROPRIATIONS - FUND 264	\$ 32,445	\$ 1,487	\$ -	\$ -	\$ -
BEGINNING FUND BALANCE	(33,932)	(1,487)	-	-	-
ENDING FUND BALANCE	\$ (1,487)	\$ -	\$ -	\$ -	\$ -
Fund balance as a percentage of total annual expenditures	-2%	0%	0%	0%	0%
Estimated Change in Fund Balance	-96%	-100%	0%	0%	0%

FORFEITURE FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Federal grants	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Fines and forfeitures	329,740	226,075	144,000	144,000	109,000
Interest income	1,956	2,500	4,695	2,360	2,525
Other revenue	33,655	3,000	3,000	3,000	3,000
TOTAL ESTIMATED REVENUES	\$ 365,351	\$ 236,575	\$ 156,695	\$ 154,360	\$ 119,525
APPROPRIATIONS					
Supplies	\$ 114,031	\$ 70,000	\$ 43,755	\$ 20,000	\$ 20,000
Other services and charges	475	550	525	525	525
Capital outlay	53,328	307,000	282,415	256,835	30,000
TOTAL APPROPRIATIONS	\$ 167,834	\$ 377,550	\$ 326,695	\$ 277,360	\$ 50,525
NET OF REVENUES/APPROPRIATIONS - FUND 266	\$ 197,517	\$ (140,975)	\$ (170,000)	\$ (123,000)	\$ 69,000
BEGINNING FUND BALANCE	260,966	458,483	317,508	147,508	24,508
ENDING FUND BALANCE	\$ 458,483	\$ 317,508	\$ 147,508	\$ 24,508	\$ 93,508
Fund balance as a percentage of total annual expenditures	273%	84%	45%	9%	185%
Estimated Change in Fund Balance	76%	-31%	-54%	-83%	282%

LIBRARY FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Property tax revenue	\$ 2,537,262	\$ 2,604,070	\$ 2,721,780	\$ 2,829,151	\$ 2,940,989
Donations	7,445	1,000	6,500	6,500	6,500
Fines and forfeitures	179,852	162,000	162,000	162,000	162,000
Interest income	4,109	35,000	36,000	37,000	37,000
Other revenue	77,504	64,950	72,750	75,250	75,250
State sources	36,210	34,000	34,000	34,000	34,000
TOTAL ESTIMATED REVENUES	\$ 2,842,382	\$ 2,901,020	\$ 3,033,030	\$ 3,143,901	\$ 3,255,739
APPROPRIATIONS					
Personnel services	\$ 1,686,302	\$ 1,837,396	\$ 1,984,400	\$ 2,051,840	\$ 2,111,620
Supplies	544,752	615,000	588,300	592,300	596,300
Other services and charges	461,939	517,000	514,900	519,800	519,700
Capital outlay	64,508	63,100	70,000	43,000	28,000
TOTAL APPROPRIATIONS	\$ 2,757,501	\$ 3,032,496	\$ 3,157,600	\$ 3,206,940	\$ 3,255,620
NET OF REVENUES/APPROPRIATIONS - FUND 268	\$ 84,881	\$ (131,476)	\$ (124,570)	\$ (63,039)	\$ 119
BEGINNING FUND BALANCE	1,755,109	1,839,990	1,708,514	1,583,944	1,520,905
ENDING FUND BALANCE	\$ 1,839,990	\$ 1,708,514	\$ 1,583,944	\$ 1,520,905	\$ 1,521,024
Fund balance as a percentage of total annual expenditures	67%	56%	50%	47%	47%
Estimated Change in Fund Balance	5%	-7%	-7%	-4%	0%

LIBRARY CONTRIBUTION FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20 2020-21	
ESTIMATED REVENUES					
Donations	\$ 29,017	\$ 6,500	\$ 10,500	\$ 6,500	\$ 6,500
Interest income	7,146	42,000	22,500	36,000	36,000
TOTAL ESTIMATED REVENUES	\$ 36,163	\$ 48,500	\$ 33,000	\$ 42,500	\$ 42,500
APPROPRIATIONS					
Supplies	\$ 10,029	\$ 8,500	\$ 145,700	\$ 21,500	\$ 21,500
Capital outlay	-	109,965	-	-	-
TOTAL APPROPRIATIONS	\$ 10,029	\$ 118,465	\$ 145,700	\$ 21,500	\$ 21,500
NET OF REVENUES/APPROPRIATIONS - FUND 269	\$ 26,134	\$ (69,965)	\$ (112,700)	\$ 21,000	\$ 21,000
BEGINNING FUND BALANCE	1,671,812	1,697,946	1,627,981	1,515,281	1,536,281
ENDING FUND BALANCE	\$ 1,697,946	\$ 1,627,981	\$ 1,515,281	\$ 1,536,281	\$ 1,557,281

Fund balance as a percentage of total annual expenditures	16930%	1374%	1040%	7145%	7243%
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Estimated Change in Fund Balance	2%	-4%	-7%	1%	1%
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STREET LIGHTING (WEST OAKS STREET) FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20 2020-21	
ESTIMATED REVENUES					
Special assessments levied	\$ 7,529	\$ 7,529	\$ 7,529	\$ 7,529	\$ 7,529
Interest income	34	71	21	21	21
TOTAL ESTIMATED REVENUES	\$ 7,563	\$ 7,600	\$ 7,550	\$ 7,550	\$ 7,550
APPROPRIATIONS					
Other services and charges	\$ 8,540	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
TOTAL APPROPRIATIONS	\$ 8,540	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
NET OF REVENUES/APPROPRIATIONS - FUND 854	\$ (977)	\$ (2,400)	\$ (2,450)	\$ (2,450)	\$ (2,450)
BEGINNING FUND BALANCE	43,244	42,267	39,867	37,417	34,967
ENDING FUND BALANCE	\$ 42,267	\$ 39,867	\$ 37,417	\$ 34,967	\$ 32,517

Fund balance as a percentage of total annual expenditures	495%	399%	374%	350%	325%
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Estimated Change in Fund Balance	-2%	-6%	-6%	-7%	-7%
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STREET LIGHTING (WEST LAKE DRIVE) FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20 2020-21	
ESTIMATED REVENUES					
Special assessments levied	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300
Interest income	2	-	-	-	-
TOTAL ESTIMATED REVENUES	\$ 3,302	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300
APPROPRIATIONS					
Other services and charges	\$ 3,250	\$ 3,450	\$ 3,500	\$ 3,550	\$ 3,550
TOTAL APPROPRIATIONS	\$ 3,250	\$ 3,450	\$ 3,500	\$ 3,550	\$ 3,550
NET OF REVENUES/APPROPRIATIONS - FUND 855	\$ 52	\$ (150)	\$ (200)	\$ (250)	\$ (250)
BEGINNING FUND BALANCE	2,313	2,365	2,215	2,015	1,765
ENDING FUND BALANCE	\$ 2,365	\$ 2,215	\$ 2,015	\$ 1,765	\$ 1,515

Fund balance as a percentage of total annual expenditures	73%	64%	58%	50%	43%
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Estimated Change in Fund Balance	2%	-6%	-9%	-12%	-14%
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STREET LIGHTING (TOWN CENTER STREET) FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20 2020-21	
ESTIMATED REVENUES					
Special assessments levied	\$ -	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Interest income	33	-	-	-	-
TOTAL ESTIMATED REVENUES	\$ 33	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
APPROPRIATIONS					
Other services and charges	\$ 51,188	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
TOTAL APPROPRIATIONS	\$ 51,188	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
NET OF REVENUES/APPROPRIATIONS - FUND 856	\$ (51,155)	\$ -	\$ -	\$ -	\$ -
BEGINNING FUND BALANCE	53,443	2,288	2,288	2,288	2,288
ENDING FUND BALANCE	\$ 2,288	\$ 2,288	\$ 2,288	\$ 2,288	\$ 2,288

Fund balance as a percentage of total annual expenditures	4%	9%	9%	9%	9%
Estimated Change in Fund Balance	-96%	0%	0%	0%	0%

LIBRARY CONSTRUCTION DEBT FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20 2020-21	
ESTIMATED REVENUES					
Property tax revenue	\$ 1,507,421	\$ 1,245,100	\$ 1,265,832	\$ 1,312,352	\$ 1,360,566
Interest income	263	170	518	498	534
Transfers in	95,142	-	-	-	-
TOTAL ESTIMATED REVENUES	\$ 1,602,826	\$ 1,245,270	\$ 1,266,350	\$ 1,312,850	\$ 1,361,100
APPROPRIATIONS					
Debt service	\$ 1,332,464	\$ 1,344,100	\$ 1,355,250	\$ 1,370,450	\$ 1,384,100
Other services and charges	475	570	500	500	500
TOTAL APPROPRIATIONS	\$ 1,332,939	\$ 1,344,670	\$ 1,355,750	\$ 1,370,950	\$ 1,384,600
NET OF REVENUES/APPROPRIATIONS - FUND 317	\$ 269,887	\$ (99,400)	\$ (89,400)	\$ (58,100)	\$ (23,500)
BEGINNING FUND BALANCE	71,254	341,141	241,741	152,341	94,241
ENDING FUND BALANCE	\$ 341,141	\$ 241,741	\$ 152,341	\$ 94,241	\$ 70,741

Fund balance as a percentage of total annual expenditures	26%	18%	11%	7%	5%
Estimated Change in Fund Balance	379%	-29%	-37%	-38%	-25%

2002 STREET & REFUNDING BOND DEBT FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED 2019-20 2020-21	
ESTIMATED REVENUES					
Property tax revenue	\$ 749,253	\$ -	\$ -	\$ -	\$ -
Interest income	156	-	-	-	-
TOTAL ESTIMATED REVENUES	\$ 749,409	\$ -	\$ -	\$ -	\$ -
APPROPRIATIONS					
Debt service	\$ 1,462,556	\$ -	\$ -	\$ -	\$ -
Other services and charges	476	-	-	-	-
Transfers out	95,142	-	-	-	-
TOTAL APPROPRIATIONS	\$ 1,558,174	\$ -	\$ -	\$ -	\$ -
NET OF REVENUES/APPROPRIATIONS - FUND 397	\$ (808,765)	\$ -	\$ -	\$ -	\$ -
BEGINNING FUND BALANCE	808,765	0	-	-	-
ENDING FUND BALANCE	\$ -	\$ -	\$ -	\$ -	\$ -

Fund balance as a percentage of total annual expenditures	0%	0%	0%	0%	0%
Estimated Change in Fund Balance	-100%	0%	0%	0%	0%

SPECIAL ASSESSMENT REVOLVING FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Interest income	\$ 17,246	\$ 50,475	\$ 50,500	\$ 50,500	\$ 50,500
TOTAL ESTIMATED REVENUES	\$ 17,246	\$ 50,475	\$ 50,500	\$ 50,500	\$ 50,500
APPROPRIATIONS					
Other services and charges	\$ 475	\$ 550	\$ 500	\$ 500	\$ 500
Transfers out	-	-	-	-	-
TOTAL APPROPRIATIONS	\$ 475	\$ 550	\$ 500	\$ 500	\$ 500
NET OF REVENUES/APPROPRIATIONS - FUND 235	\$ 16,771	\$ 49,925	\$ 50,000	\$ 50,000	\$ 50,000
BEGINNING FUND BALANCE	3,911,835	3,928,606	3,978,531	4,028,531	4,078,531
ENDING FUND BALANCE	\$ 3,928,606	\$ 3,978,531	\$ 4,028,531	\$ 4,078,531	\$ 4,128,531

Fund balance as a percentage of total annual expenditures	827075%	723369%	805706%	0%	0%
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Estimated Change in Fund Balance	0%	1%	1%	0%	0%
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CAPITAL IMPROVEMENT PROGRAM (CIP) FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Property tax revenue	\$ -	\$ 3,400,871	\$ 3,611,648	\$ 3,736,336	\$ 3,865,453
Interest income	(16,793)	18,105	5,000	5,000	5,000
State sources	-	-	242,296	-	-
Interfund Borrowing - Water & Sewer Fund	-	-	17,000,000	-	-
Transfers in - DPS Bldg (Water & Sewer Fund, Drain Fund)	1,240,000	-	2,736,000	-	-
TOTAL ESTIMATED REVENUES	\$ 1,223,207	\$ 3,418,976	\$ 23,594,944	\$ 3,741,336	\$ 3,870,453
APPROPRIATIONS					
Debt service	\$ -	\$ -	\$ 2,286,380	\$ 2,286,380	\$ 2,286,380
Capital outlay #	3,320,714	1,322,976	21,308,564	1,809,925	1,942,160
TOTAL APPROPRIATIONS	\$ 3,320,714	\$ 1,322,976	\$ 23,594,944	\$ 4,096,305	\$ 4,228,540
NET OF REVENUES/APPROPRIATIONS - FUND 402	\$ (2,097,507)	\$ 2,096,000	\$ -	\$ (354,969)	\$ (358,087)
BEGINNING FUND BALANCE	2,100,000	2,493	2,098,493	2,098,493	1,743,524
ENDING FUND BALANCE	\$ 2,493	\$ 2,098,493	\$ 2,098,493	\$ 1,743,524	\$ 1,385,437

Fund balance as a percentage of total annual expenditures	0%	159%	9%	43%	33%
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Estimated Change in Fund Balance	0%	84075%	0%	-17%	-21%
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The capital outlay in the three-year budget represents recommendations from the CIP Committee which were subsequently approved by the Planning Commission. The FY 2018/2019 budgeted capital outlay consists primarily of \$19.7 million proposed for the Lakeshore Building, the construction of the ITC Trail, and the DPS Building offset by the contributions from the Drain Fund and Water & Sewer Fund in the amount of \$2.7 million. See detail by year of all recommended capital outlay included in the CIP on pages 115 through 121 of the budget document.

GUN RANGE FACILITY FUND

	ACTUAL	ESTIMATED	BUDGET	PROJECTED	
	2016-17	2017-18	2018-19	2019-20	2020-21
ESTIMATED REVENUES					
Licenses, permits & charges for services	\$ 115,574	\$ 110,000	\$ 90,000	\$ 90,000	\$ 96,000
Interest income	1,396	1,000	1,000	2,000	2,268
TOTAL ESTIMATED REVENUES	\$ 116,970	\$ 111,000	\$ 91,000	\$ 92,000	\$ 98,268
APPROPRIATIONS					
Capital outlay	\$ 17,820	\$ 337,180	\$ 90,800	\$ -	\$ 280,781
TOTAL APPROPRIATIONS	\$ 17,820	\$ 337,180	\$ 90,800	\$ -	\$ 280,781
NET OF REVENUES/APPROPRIATIONS - FUND 402					
BEGINNING FUND BALANCE	217,343	316,493	90,313	90,513	182,513
ENDING FUND BALANCE	\$ 316,493	\$ 90,313	\$ 90,513	\$ 182,513	\$ -

Fund balance as a percentage of total annual expenditures

0% 0% 100% #DIV/0! 0%

Estimated Change in Fund Balance

46% -71% 0% 102% -100%

STREET IMPROVEMENT FUND

	ACTUAL	ESTIMATED	BUDGET	PROJECTED	
	2016-17	2017-18	2018-19	2019-20	2020-21
ESTIMATED REVENUES					
Transfers in	\$ 3,430,000	\$ -	\$ -	\$ -	\$ -
TOTAL ESTIMATED REVENUES	\$ 3,430,000	\$ -	\$ -	\$ -	\$ -
APPROPRIATIONS					
Capital outlay	\$ 4,071,874	\$ 4,055,000	\$ -	\$ -	\$ -
TOTAL APPROPRIATIONS	\$ 4,071,874	\$ 4,055,000	\$ -	\$ -	\$ -
NET OF REVENUES/APPROPRIATIONS - FUND 403					
BEGINNING FUND BALANCE	4,696,874	4,055,000	-	-	-
ENDING FUND BALANCE	\$ 4,055,000	\$ -	\$ -	\$ -	\$ -

Fund balance as a percentage of total annual expenditures

100% 0% 0% 0% 0%

Estimated Change in Fund Balance

-14% -100% 0% 0% 0%

DRAIN PERPETUAL MAINTENANCE FUND

	ACTUAL	ESTIMATED	BUDGET	PROJECTED	
	2016-17	2017-18	2018-19	2019-20	2020-21
ESTIMATED REVENUES					
Interest income	\$ 29,370	\$ 70,000	\$ 35,000	\$ 22,000	\$ 15,000
Tap-in fees	-	25,000	25,000	25,000	25,000
TOTAL ESTIMATED REVENUES	\$ 29,370	\$ 95,000	\$ 60,000	\$ 47,000	\$ 40,000
APPROPRIATIONS					
Transfers out	\$ -	\$ 4,142,000	\$ 399,000	\$ 1,125,000	\$ 627,000
TOTAL APPROPRIATIONS	\$ -	\$ 4,142,000	\$ 399,000	\$ 1,125,000	\$ 627,000
NET OF REVENUES/APPROPRIATIONS - FUND 211					
BEGINNING FUND BALANCE	6,725,517	6,754,887	2,707,887	2,368,887	1,290,887
ENDING FUND BALANCE	\$ 6,754,887	\$ 2,707,887	\$ 2,368,887	\$ 1,290,887	\$ 703,887

Fund balance as a percentage of total annual expenditures

0% 65% 594% 115% 112%

Estimated Change in Fund Balance

0% -60% -13% -46% -45%

ICE ARENA FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Program revenue	\$ 2,008,945	\$ 2,007,970	\$ 2,024,202	\$ 2,021,650	\$ 2,021,650
Interest income	11,114	25,000	25,387	28,640	25,834
Other revenue	123,481	89,400	89,400	89,900	89,900
TOTAL ESTIMATED REVENUES	\$ 2,143,540	\$ 2,122,370	\$ 2,138,989	\$ 2,140,190	\$ 2,137,384
APPROPRIATIONS					
Supplies	\$ 14,881	\$ 11,000	\$ 11,800	\$ 11,800	\$ 11,800
Other services and charges	1,549,446	1,353,209	1,356,049	1,366,410	1,367,204
Capital outlay	-	65,000	27,000	201,600	35,000
Debt service	93,400	563,660	562,140	560,380	538,380
TOTAL APPROPRIATIONS	\$ 1,657,727	\$ 1,992,869	\$ 1,956,989	\$ 2,140,190	\$ 1,952,384
NET OF REVENUES/APPROPRIATIONS - FUND 590	\$ 485,813	\$ 129,501	\$ 182,000	\$ -	\$ 185,000
BEGINNING FUND BALANCE	3,986,879	4,472,692	4,602,193	4,784,193	4,784,193
ENDING FUND BALANCE	\$ 4,472,692	\$ 4,602,193	\$ 4,784,193	\$ 4,784,193	\$ 4,969,193

Fund balance as a percentage of total annual expenditures

270% 231% 244% 224% 255%

Estimated Change in Fund Balance

12% 3% 4% 0% 4%

WATER AND SEWER FUND

	ACTUAL 2016-17	ESTIMATED 2017-18	BUDGET 2018-19	PROJECTED	
				2019-20	2020-21
ESTIMATED REVENUES					
Operating revenue	\$ 23,867,082	\$ 25,591,000	\$ 25,916,000	\$ 26,241,000	\$ 26,241,000
Capital contributions	5,149,536	2,850,000	2,850,000	2,850,000	2,850,000
Federal Grants	569,179	667,801	-	-	-
Interest income	296,539	873,093	918,771	967,341	967,072
Other revenue	317,632	197,500	202,500	207,500	207,500
TOTAL ESTIMATED REVENUES	\$ 30,199,968	\$ 30,179,394	\$ 29,887,271	\$ 30,265,841	\$ 30,265,572
APPROPRIATIONS					
Personnel services	\$ 1,427,009	\$ 1,418,911	\$ 1,446,943	\$ 1,430,606	\$ 1,471,456
Supplies	83,621	117,687	63,600	65,600	65,600
Other services and charges	24,014,286	22,630,766	22,950,871	24,154,375	24,137,996
Capital outlay	36,291	15,390,723	4,365,857	6,880,260	6,537,520
Debt service	8,157	153,750	-	-	-
Transfers out	240,000	2,232,000	-	-	-
TOTAL APPROPRIATIONS	\$ 25,809,364	\$ 41,943,837	\$ 28,827,271	\$ 32,530,841	\$ 32,212,572
NET OF REVENUES/APPROPRIATIONS - FUND 592	\$ 4,390,604	\$ (11,764,443)	\$ 1,060,000	\$ (2,265,000)	\$ (1,947,000)
BEGINNING FUND BALANCE	179,264,804	183,655,408	171,890,965	172,950,965	170,685,965
ENDING FUND BALANCE	\$ 183,655,408	\$ 171,890,965	\$ 172,950,965	\$ 170,685,965	\$ 168,738,965

Fund balance as a percentage of total annual expenditures

712% 410% 600% 525% 524%

Estimated Change in Fund Balance

2% -6% 1% -1% -1%

SENIOR HOUSING FUND

	ACTUAL	ESTIMATED	BUDGET	PROJECTED	
	2016-17	2017-18	2018-19	2019-20	2020-21
ESTIMATED REVENUES					
Operating revenue	\$ 2,018,726	\$ 2,026,310	\$ 2,049,210	\$ 2,068,990	\$ 2,089,090
Interest income	10,837	11,000	18,899	20,387	22,911
Other revenue	21,760	19,200	19,200	19,200	19,200
TOTAL ESTIMATED REVENUES	\$ 2,051,323	\$ 2,056,510	\$ 2,087,309	\$ 2,108,577	\$ 2,131,201
APPROPRIATIONS					
Supplies	\$ 6,322	\$ 11,475	\$ 11,475	\$ 11,475	\$ 11,475
Other services and charges	1,101,146	813,095	847,824	839,358	851,848
Capital outlay	96,240	817,408	-	-	-
Debt service	193,134	1,053,220	1,048,010	1,017,744	972,878
TOTAL APPROPRIATIONS	\$ 1,396,842	\$ 2,695,198	\$ 1,907,309	\$ 1,868,577	\$ 1,836,201
NET OF REVENUES/APPROPRIATIONS - FUND 594	\$ 654,481	\$ (638,688)	\$ 180,000	\$ 240,000	\$ 295,000
BEGINNING FUND BALANCE	3,042,102	3,696,583	3,057,895	3,237,895	3,477,895
ENDING FUND BALANCE	\$ 3,696,583	\$ 3,057,895	\$ 3,237,895	\$ 3,477,895	\$ 3,772,895
Fund balance as a percentage of total annual expenditures	265%	113%	170%	186%	205%
Estimated Change in Fund Balance	22%	-17%	6%	7%	8%

RETIREE HEALTHCARE BENEFITS FUND

	ACTUAL	ESTIMATED	BUDGET	PROJECTED	
	2016-17	2017-18	2018-19	2019-20	2020-21
ESTIMATED REVENUES					
Contributions-Employer	\$ 617,207	\$ 613,678	\$ 454,122	\$ 429,574	\$ 429,574
Interest income	3,399,592	1,471,822	1,477,878	1,475,426	1,700,426
TOTAL ESTIMATED REVENUES	\$ 4,016,799	\$ 2,085,500	\$ 1,932,000	\$ 1,905,000	\$ 2,130,000
APPROPRIATIONS					
Personnel Services	\$ 885,353	\$ 945,000	\$ 1,000,000	\$ 1,070,000	\$ 1,145,000
Other services and charges	245,934	265,500	279,000	303,000	292,000
TOTAL APPROPRIATIONS	\$ 1,131,287	\$ 1,210,500	\$ 1,279,000	\$ 1,373,000	\$ 1,437,000
NET OF REVENUES/APPROPRIATIONS - FUND 590	\$ 2,885,512	\$ 875,000	\$ 653,000	\$ 532,000	\$ 693,000
BEGINNING FUND BALANCE	24,429,653	27,315,165	28,190,165	28,843,165	29,375,165
ENDING FUND BALANCE	\$ 27,315,165	\$ 28,190,165	\$ 28,843,165	\$ 29,375,165	\$ 30,068,165
Fund balance as a percentage of total annual expenditures	2415%	2329%	2255%	2139%	2092%
Estimated Change in Fund Balance	12%	3%	2%	2%	2%

Long-Range Financial Plan – Multi-Year Budget 2018-2021

The City of Novi has long recognized the need for planning to provide quality services to its residents. This is evident in the work performed by the elected officials, City staff and various committees and boards. The City has conducted many studies and has developed plans, policies and procedures that have guided the City in making sound decisions regarding infrastructure and services.

The City has focused on long-term financial planning since the 1990's and as a result, continues its strong financial position. Since 2004 the City has prepared a three-year budget, going beyond the requirement for adoption of an annual budget. The City of Novi continues its strong financial position as a result of long-term financial planning; maintaining responsible fund balances in conformance with GFOA recommended practices and low debt obligations, as well as complying with the City's own fund balance policies.

Under Michigan law, the maximum debt Novi can issue is \$442,801,710. The City's current debt applicable to this limit is \$20,975,000 or 5.0% of the amount allowed. The City had twelve debt issues in 1999 and currently has one debt issue (excluding the debt reported in the enterprise funds and special assessment bonds). In addition to paying down debt thru annual debt services payments, the City has taken advantage of both the decline in interest rates and its excellent credit rating (AAA) to obtain more favorable rates through refinancing – lowering interest expenditures and paying off debt sooner than anticipated.

The City's long-range financial plans, which are defined throughout this budget document, include focuses and investments on the following:

- Investing in public safety; including increasing the number of police officers and fire protection officers,
- Investing in roads, intersections & signals, and sidewalks & pathways,
- Improvements to existing parks and cultural services,
- Increasing community engagement (residential, commercial, and neighboring communities).
- Acquiring and developing land

These long range financial plans link to the entity's strategic goals, which have been mentioned in the Budget Overview section, and are illustrated in the matrix on the next page:

Strategic Goals/Long-Range Financial Plans Matrix

	Strategic Goals	Long-Range Financial Plans
N	Nurture public services that residents want and value.	Work with Road Commission to develop a plan of improvements for 10 Mile Road corridor that improves traffic flow but respects residential areas. Evaluate the need for additional senior citizen housing and determine if Novi will continue to provide these types of facilities or leave to private companies. Develop a plan to expand and improve Beck Road.
O	Operate a world-class and sustainable local government.	Use internal resources (staff) to identify long-term opportunities and challenges that will impact the city (economic trends, structural liabilities, etc.) and develop a strategy to address. Analyze land uses to identify which developments will generate the most taxes and encourage those through zoning changes and incentives.
V	Value and build a desirable and vibrant community for residents and businesses alike now and into the future.	Develop and fund specific improvement plans for older neighborhoods in SE Novi that promote community stability and neighborhood values. Establish a plan to revitalize Meadowbrook and Ten Mile retail area. Revamp Drain Millage to expand purpose to include funding preservation of natural areas and acquisition of park land. Create walkable all seasons urban park at water tower site with summertime modern splash pad and winter ice rink.
I	Invest properly in being a Safe Community at all times for all people.	Work with Road Commission of Oakland County to widen Ten Mile to a minimum of three lanes from Haggerty to Napier. Work with appropriate jurisdiction to make improvements to top 12 high crash intersections over 5 years (signals, streetlights, etc.)

The 2019-20 and 2020-21 budgets include the following items related to the goals and plans above:

- \$21.3 million investment in roads, pathways, sidewalks and intersections
- \$11.9 million investment in water and sewer infrastructure
- \$1.9 million investment in storm sewer and drainage
- \$2.0 million investment in parks, recreation, and cultural services capital projects
- \$6.8 million investment in machinery, equipment, and technology, including \$1.8 million investment of a replacement fire ladder truck

The annual 2018-19 budget is to be adopted by Council in May. The Council will also acknowledge the multi-year budget in the form of a resolution. The City prepares the multi-year projection based on the best data available at the time. The research includes obtaining data from the County and the State of Michigan. This future outlook allows the City to plan rather than react to anticipated financial conditions. Significant revenue and expenditure assumptions for the 2018/2019 fiscal year budget and the subsequent two years are included at the end of this section.

Major Revenue Sources, Assumptions, and Trends

Revenue forecasting is a standard practice for the City of Novi. Individual revenue line-items are reviewed for their historical trends in order to project revenues over the next three years. The forecast is also based on economic factors, as well as information provided by the State and County. In order to be prepared for unexpected events and lower than anticipated revenues or higher than anticipated expenditures, the City budgets conservatively. The following are summaries of revenue sources including underlying assumptions and significant trends.

Property Tax Revenue

The maximum allowable millage rates are used for all funds except the Drain Fund. Taxable value projections are as of February 28, 2018. The 2018 taxable value increased approximately \$83,091,000 for net new construction. The future property values for 2018 and beyond include approximately \$46,000,000 in cumulative net new construction. Penalties and interest are based on historical collections. Inflation for the 2018 tax year was 2.1% but due to new construction, the City anticipates an overall net increase (see loss of personal property taxes discussed below) in revenue of 6.4%. The City closed the Public Safety Fund as of June 30, 2017 and the dedicated public safety millage is recorded directly in the General Fund rather than a transfer in.

The proposed millage rate is 10.5376 mills (which remains unchanged from tax year 2017). A significant factor that has been taken into account for the future year's taxable value is the expected decrease in the personal property tax, per the new State of Michigan law (SB 10) that erases the personal property tax on the industrial property and other businesses with equipment less than \$40,000.

Licenses, Permits & Charges for Services

This revenue includes fees for various services and licenses. Revenues also include estimated fees paid by developers and contractors for the plan review, inspection of commercial, industrial and residential construction which partially covers the cost of the Community Development Department. This revenue is difficult to project since it is directly related to construction activity. The City's building activity is projected to remain strong with consistent fees projected for each of the next fiscal years. The remaining revenue relates to liquor licenses, cable television fees, and other fees collected by the Clerks Department.

Transfers In

The transfers into the special revenue funds represent transfers between the three street funds to cover construction costs as detailed in the six-year CIP plan. The primary source of the transfers is a dedicated road millage in the Municipal Street Fund. The Parks, Recreation and Cultural Services Fund receives a transfer in from the General Fund to help fund capital outlay projects. The Drain Fund receives a transfer in from the Drain Perpetual Maintenance Fund to assist with large capital projects detailed in the City's CIP. The new Capital Improvement Fund received transfers in the prior year from various enterprise funds to cover their share of the costs for the department of public works building improvement project (planned for FY 2018) as well as a transfer from the Special Assessment Revolving Fund to fund the Crescent Blvd (Ring Road) project (planned for construction in FY 2020).

State Sources

State Revenue Sharing The State Shared Revenue program distributes sales tax collected by the State of Michigan to local governments as unrestricted revenues on a per capita basis (2010 Census population for Novi was 55,224). The distribution of funds is authorized by the State Revenue Sharing Act, Public Act 140 of 1971, as amended (MCL 141.901). For fiscal year (FY) 2016, the legislature established the City, Village, and Township Revenue Sharing (CVTRS) program (a simplified version of the Economic Vitality Incentive Program (EVIP)). Each eligible local unit must meet all of the requirements of Accountability and Transparency in order to receive the full CVTRS payments. A Consolidation of Services Plan and an Unfunded Accrued Liability Plan are not required under the CVTRS program. The City estimates a 2% increase in overall revenue sharing in fiscal year 18/19, 19/20 and 20/21.

MDOT Act 51 The City receives monthly payments from the State of Michigan, Department of Transportation for their share of the motor fuels taxes collected that are earmarked specifically for use on the roads. The distribution is based on the number of miles of road within the city. As the roads across the State continue to deteriorate, the Governor has promised to focus on increasing spending for roads. The City anticipates an increase in funding from the State of approximately 7.0% for fiscal years 18/19, 19/20, and 20/21.

Interest on Investments

This revenue is from investing available cash balances based on cash flow forecasts, capital reserves, and fund balance reserves. Interest rates are budgeted to increase over the next few years resulting in greater overall earnings however this will be offset by lower cash balances due significant planned investments in capital projects. The net result is little or no growth in overall earnings.

Program Revenue/Older Adult Program Revenue

This revenue source is from the many programs offered by the Parks, Recreation, and Cultural Services department and Ice Arena. The Parks, Recreation, and Cultural Services Fund have approximately half its revenue funded from a dedicated property tax levy and the balance funded by program revenue. Program revenue is anticipated to remain flat for all future years.

Operating Revenue

This revenue represents charges to customers for water and sewer usage as well as fees collected at the ice arena and rents collected at the senior housing facility. Operating revenue in the Water and Sewer Fund is anticipated to increase by 1% in 18/19 (primarily due to increased consumption) and future annual increases of 0-1% annually based on projections and anticipated new customers. Ice arena and senior housing revenues are anticipating 0-1% annual inflationary increases.

The revenues discussed above are the major revenue categories as identified by the City and make up the majority of the total revenues of all appropriated funds, including enterprise funds. The schedule on the following page summarizes total revenue for all fund types of the City.

Revenue Schedule

	Governmental Funds							TOTAL FY 2017-18 BUDGET	% of Total Revenues	% of Total Revenues (discussed)
	GENERAL FUND	SPECIAL REVENUE FUNDS	DEBT SERVICE FUNDS	CAPITAL PROJECT FUNDS	PERMANENT FUNDS	ENTERPRISE FUNDS	FIDUCIARY FUNDS			
	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET	BUDGET			
	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19
ESTIMATED REVENUES										
Property tax revenue	\$ 23,396,952	\$ 10,426,596	\$ 1,265,832	\$ 3,611,648	\$ -	\$ -	\$ -	\$ 38,701,028	37%	37%
Capital Contributions	-	-	-	-	-	2,850,000	-	2,850,000	3%	
Contributions-Employer	-	-	-	-	-	-	454,122	454,122	0%	
Donations	1,500	41,500	-	-	-	-	-	43,000	0%	
Federal grants	60,000	105,000	-	-	-	-	-	165,000	0%	
Fines and forfeitures	535,000	306,000	-	-	-	-	-	841,000	1%	
Interest income	559,826	225,333	-	-	-	-	-	2,666,155	3%	3%
Licenses, permits, and charges for services	4,698,453	2,540,000	518	56,500	35,000	311,100	1,477,878	7,328,453	7%	7%
Older adult program revenue	-	157,750	-	-	-	-	-	157,750	0%	
Operating Revenue	-	-	-	-	-	27,965,210	-	27,965,210	27%	27%
Other financing sources (uses)	-	-	-	518,810	-	-	-	518,810	1%	1%
Other revenue	731,070	688,150	-	-	-	963,057	-	2,382,277	2%	
Program Revenue	-	1,236,150	-	-	-	2,024,202	-	3,260,352	3%	3%
Special Assessments Levied	-	48,860	-	-	-	-	-	48,860	0%	
State sources	4,782,575	5,475,870	-	242,296	-	-	-	10,500,741	10%	10%
Tap In Fees	-	-	-	-	25,000	-	-	25,000	0%	
Transfers in	-	5,331,800	-	-	-	-	-	5,331,800	5%	5%
TOTAL ESTIMATED REVENUES	\$ 34,765,376	\$ 26,583,009	\$ 1,266,350	\$ 4,519,254	\$ 60,000	\$ 34,113,569	\$ 1,932,000	\$ 103,239,558	100%	93%

Revenue Trends

The following is a historical look at projected and actual taxable values as well as the property tax revenue and mileage rates (including rollback) required based on the estimated taxable values:

CITY OF NOVI TAXABLE VALUE, MILLAGE RATE AND PROPERTY TAX REVENUE HISTORY, BUDGET AND PROJECTIONS										
ACTUAL (as billed, excluding adjustments for tribunals, write-off of accounts receivable, etc.) Property Tax Year Fiscal Year	2011	2012	2013	2014	2015	2016	Estimated	BUDGET	PROJECTED	
	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Taxable Value - Real - Res	\$ 2,758,932,940	\$ 2,699,988,360	\$ 2,748,382,830	\$ 1,984,120,840	\$ 2,087,604,500	\$ 2,169,188,620	\$ 2,267,135,430	\$ 2,349,927,572	\$ 2,486,096,441	\$ 2,598,678,856
Taxable Value - Real - Com/Ind				861,684,810	878,128,690	916,563,180	936,712,960	987,642,500	1,034,583,858	1,055,567,377
Taxable Value - Personal Property	220,678,540	220,345,290	223,698,750	225,066,560	239,836,740	237,292,830	246,268,600	205,200,216	239,752,358	246,137,989
Taxable Value - New Construction								129,126,039	46,000,000	46,000,000
Total Taxable Value	\$ 2,979,611,480	\$ 2,920,333,650	\$ 2,972,081,580	\$ 3,070,872,210	\$ 3,205,569,930	\$ 3,323,044,630	\$ 3,450,116,990	\$ 3,671,896,327	\$ 3,806,432,657	\$ 3,946,384,222
% Change in total taxable value from the prior year without new construction estimate								2.7%	2.4%	2.5%
% Change in total taxable value from the prior year	-7.0%	-2.0%	1.8%	3.3%	4.4%	3.7%	3.8%	6.4%	3.7%	3.7%
Less various allowances					(25,000,000)	(10,000,000)	(2,807,970)	(6,000,000)	(6,000,000)	(6,000,000)
Adjusted Taxable Value*	\$ 2,979,611,480	\$ 2,920,333,650	\$ 2,972,081,580	\$ 3,070,872,210	\$ 3,180,569,930	\$ 3,313,044,630	\$ 3,447,309,020	\$ 3,665,896,327	\$ 3,800,432,657	\$ 3,940,384,222
Millage Rate **										
General Fund	5.0182	5.0182	5.0182	5.0182	5.0056	4.9925	4.9206	4.8458	4.8458	4.8458
General Fund - PA 359 Advertising	-	-	-	-	-	-	-	0.0137	0.0137	0.0137
Municipal Street Fund	0.7719	0.7719	1.5000	1.5000	1.4962	1.4923	1.4708	1.4484	1.4484	1.4484
Police and Fire Fund	1.4282	1.4282	1.4282	1.4282	1.4246	1.4208	1.4003	1.3790	1.3790	1.3790
Parks and Recreation Fund	0.3857	0.3857	0.3857	0.3857	0.3847	0.3836	0.3780	0.3722	0.3722	0.3722
Drain Revenue Fund	0.2642	0.3435	0.1057	-	-	0.2120	0.2648	0.4157	0.4151	0.4151
Capital Improvement Fund	-	-	-	-	-	-	0.9856	0.9706	0.9706	0.9706
Library Fund	0.7719	0.7719	0.7719	0.7719	0.7699	0.7678	0.7567	0.7451	0.7451	0.7451
Total Operating Millage	8.6401	8.7194	9.2097	9.1040	9.0810	9.2690	10.1768	10.1905	10.1899	10.1899
2000 Street Debt Fund	-	-	-	-	-	-	-	-	-	-
Library Construction Debt Fund	0.1930	0.3281	0.3852	0.3716	0.4566	0.4540	0.3608	0.3471	0.3477	0.3477
1993 Refunding Debt Fund	-	-	-	-	-	-	-	-	-	-
2010 Refunding Debt Fund	0.3843	0.3698	0.3487	0.3462	0.3374	-	-	-	-	-
2003 Refunding Debt Fund	0.3459	0.3488	-	-	-	-	-	-	-	-
2002 Street & Refunding Debt Fund	0.9783	0.4339	0.2564	0.3782	0.3250	0.2270	-	-	-	-
Total Debt Millage	1.9015	1.4806	0.9903	1.0960	1.1190	0.6810	0.3608	0.3471	0.3477	0.3477
Total City Millage Rate	10.5416	10.2000	10.2000	10.2000	10.2000	9.9500	10.5376	10.5376	10.5376	10.5376
Tax Revenue										
General Fund	\$ 14,952,000	\$ 14,463,208	\$ 14,699,475	\$ 15,618,990	\$ 16,252,340	\$ 16,707,967	\$ 17,200,885	\$ 18,215,984	\$ 18,843,579	\$ 19,493,311
General Fund - PA 359 Advertising	-	-	-	-	-	-	-	50,000	50,000	50,000
Municipal Street Fund	2,300,000	2,226,168	4,293,742	4,754,081	4,803,774	4,931,808	5,069,973	5,371,752	5,562,665	5,755,836
Police and Fire Fund	4,255,000	4,119,209	4,211,853	4,390,579	4,574,743	4,687,841	4,843,646	5,130,968	5,308,922	5,495,104
Parks and Recreation Fund	1,149,000	1,112,311	1,137,385	1,185,648	1,235,317	1,267,594	1,295,457	1,371,654	1,418,740	1,467,525
Drain Revenue Fund	787,000	982,539	315,771	9,920	1,096	698,072	908,899	961,410	993,443	1,026,668
Capital Improvement Fund	-	-	-	-	-	-	3,400,871	3,611,648	3,736,336	3,865,453
Library Fund	2,300,000	2,226,168	2,276,337	2,372,929	2,472,349	2,537,262	2,604,070	2,752,785	2,829,151	2,940,989
2000 Street Debt Fund	-	-	-	-	-	-	-	-	-	-
Library Construction Debt Fund	575,065	943,480	1,134,064	1,141,259	1,472,133	1,507,421	1,245,100	1,265,832	1,312,352	1,360,566
1993 Refunding Debt Fund	-	-	-	-	-	-	-	-	-	-
2010 Refunding Debt Fund	1,145,065	1,063,856	1,029,037	1,065,166	1,061,000	-	-	-	-	-
2003 Refunding Debt Fund	1,030,648	1,018,612	-	-	-	-	-	-	-	-
2002 Street & Refunding Debt Fund	2,914,954	1,330,622	780,142	1,134,897	1,040,000	747,000	-	-	-	-
Total City Property Tax Revenue	\$ 31,408,731	\$ 29,486,173	\$ 29,877,806	\$ 31,673,469	\$ 32,912,752	\$ 33,084,965	\$ 36,568,901	\$ 38,732,033	\$ 40,055,188	\$ 41,455,452

* Includes reduction for Personal Property tax write-off, Tax Tribunals Adjustments and chargebacks
 ** No Headlee rollback has been assumed for fiscal years 2020 and 2021
 Note: Fiscal 2018 taxable values have incorporated board of review adjustments through December 2017

Additional revenue trends for property taxes, revenue sharing, MDOT Act 51 and overall revenue by fund is available in the Budget Overview section.

Expenditure Analysis

Personnel Services

The City of Novi budgets for full employment, maintaining a strong staff position control and budgeting system. Any additional cost savings as a result of vacancies, or positions filled at lower than budgeted amounts increases the fund balance, and is used in planning for the subsequent year's budget.

Personnel cost increases and decreases are pursuant to each of the current collective bargaining agreements. An increase of 0-2.5% each year, using 2017-18 as base year, is assumed based on total personnel costs. Defined benefit pension contributions increased 5% for 18/19 and are assumed to increase by approximately 6% increase in 19/20 and 10% in 20/21. Employee health insurance costs are assumed to increase 3% for 18/19 and at 6% annually for the subsequent two years. The personnel assumptions are based on the number of staff as presented in the Departmental Information - Personnel Summary section for the fiscal year 2018/19.

Supplies, Maintenance, and Other Services and Charges

Most expenditures range from 0%-3% increase; certain maintenance items increased based on historical median rate (i.e. road maintenance items). Liability and property and workers compensation insurance are assumed to increase 2-9% annually.

Capital Outlay, Non-Recurring Items, & Technology

The Capital Outlay and/or non-recurring items are based on actual budget requests from departments. The City of Novi has a track record of replacing and maintaining assets, which not unlike businesses, allows the City flexibility in deferring capital purchases for a period of time during financially tight years.

Certain programs, like Personal Computer replacement, are included in the 2018/19 budget and while department allocation may change, total estimated replacement remains the same plus inflationary adjustment of 3%.

Capital Improvements

The General, Major Street, Local Street, Municipal Street, Drain, Parks, Recreation and Cultural Services, PEG Cable, Forfeiture, Capital Improvement Program (CIP), Gun range, Ice Arena, Water and Sewer, and Senior Housing Funds reflect anticipated expenditures for each year based on the Capital Improvement Program.