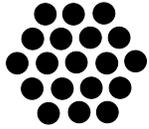


**Apple
Valley**

CITY OF APPLE VALLEY

CAPITAL IMPROVEMENTS PROGRAM

2016-2020



CITY OF
APPLE VALLEY

CAPITAL IMPROVEMENTS PROGRAM

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Introduction

The City of Apple Valley believes that it is necessary to develop and maintain a Capital Improvements Program (CIP). Such a program allows the Council and Staff to better plan for the City's capital and financial needs in future years.

With growth, the need for services will continue to increase in the City. At the same time, the costs of vehicles, equipment, and infrastructure are expected to increase. The CIP formalizes a process in which future projects and outlays can be identified and prioritized. It is intended to provide a realistic projection of future capital expenditures necessary to meet the anticipated needs of the community. The identified improvements reflect City policies for growth, maintenance, and development.

The CIP is a planning document intended to assist policy makers and staff to plan for major capital improvement, renewal, and replacement expenditures. As a planning document, the CIP does not bind the City to the anticipated expenditures in the projected years. The CIP is not a budget, nor is it an authorization to expend funds. The authorization of the expenditures occurs through City Council action and in adoption of the annual budget.

As a planning document, the CIP facilitates two distinct planning purposes. First, the CIP is a tool with which to implement the City's Comprehensive Guide Plan. As the City looks at future projects, it is important to make sure that they will appropriately integrate with the Comprehensive Guide Plan. Second, the CIP is a financial planning document. As many capital purchases are made in various dollar amounts in various periods of time, it is important to appropriately plan so that the necessary funding mechanisms are available as expenditures take place.

The City's annual budget document categorizes expenditures into three major groups as a means to summarize and describe expenditures: personnel services, capital outlay, and other. Capital outlay as a sum total is generally the smallest of these three expense categories in the General Fund. Capital outlay is a term used to describe an expenditure of a significant amount, generally over \$5,000.00, that benefits more than one year or extends the useful life of an asset.

The CIP document totals will not necessarily tie to line items within the annual budget document for several reasons. There are some expenditures included within the CIP that are not currently categorized as capital outlay in the budget, such as the street overlay project and computer software. Also, it is not uncommon for a few medium-to-large capital purchases initially anticipated as General Fund department operating expenditures to be ultimately funded through equipment certificates by the end of the annual budget process.

The CIP may include some items that are not line-itemized as a capital outlay in an annual operating budget and it is not intended to anticipate the sporadic purchases of very small tools or equipment. The CIP document generally line itemizes outlays which exceed \$50,000, but there are a few major exceptions:

Selected divisional expenses such as computer and video related equipment, improvements, renewal, or replacements to City buildings exceeding \$5,000, improvements, renewal, or replacement to key infrastructures exceeding \$5,000, and subtotaled minor expenditures found in the appendices to the CIP.

The rationale for the exception to divisional expenses is that in some cases, and particularly with video and computer equipment, the cost of any individual item might be quite small, but when purchased in large bundles or as a system, can amount to a very large total expenditure. The rationale for the exceptions for City buildings and key infrastructure is that for land use planning, a more comprehensive listing of these improvements is desirable. Some of these recurring infrastructure improvements itemized in the document include pathway overlay and repair, pedestrian ramps, street striping, catch basin retrofits, and Ring Route maintenance.

The rationale for the exception for subtotals in the appendices is primarily to provide internal consistency to the document. Using similar rationale to the exceptions listed above, the Replacement Schedule line itemizes some items under \$50,000. Departments are asked to only include expenditures exceeding \$5,000 in these documents. For use in the CIP, these smaller purchases are subtotaled by department and itemized as a subtotal in the CIP as “minor” equipment or vehicles.

As mentioned previously, there are some expenditures found in the CIP that are not classified as capital outlay in the annual budget. Each year, the City spends very significant resources to overlay City streets as part of ongoing street maintenance. As this work is provided by private contractors, the expenditures are classified as a contractual service in the operating budget. Similarly, while computer software is essential to operate the physical hardware assets, the software itself is not considered capital in the budget. As these items are a critical component of the City’s infrastructure and capital assets, the expenditures related to these items are included within the CIP.

The following is a description of the organizational format:

CIP Expenditure Summaries (Section 1)

Section 1 contains tables that show the executive summary of the proposed expenditures. Several tables are provided to present the same information in different formats to help analysis of the information from a number of different perspectives. The first table shows all the expenditures across all departments and all funds. This provides a high level overview of all of the projected capital expenditures for the entire city and the various proposed funding sources. The second table shows all of the expenditures across all departments by general project category—construction projects, fleet vehicles and equipment, and maintenance projects. This provides a high level overview of what types of capital purchases are made and how much of the total capital budget they each comprise. The remaining three tables provide the same type of information provided in the first two tables, but are divided out by service area—Public Safety, Administration, and other Smaller Departments; Public Works; and Parks and Recreation. This provides a high level overview of what department operational areas have the greatest anticipated capital needs in the future.

Financial Impact Analysis of Selected Funds (Section 2)

Section 2 contains tables that show the projected financial impact of CIP expenditures for selected funds. The City utilizes a variety of different funding sources and different funding mechanisms for different projects. This section is intended to provide information on the financial impacts of capital expenditures on funds or funding mechanisms where the issuance of debt is required, where the property tax levy may be impacted, or where cash flow for the fund could be of particular concern.

Annual CIP Expenditure Tables (Section 3)

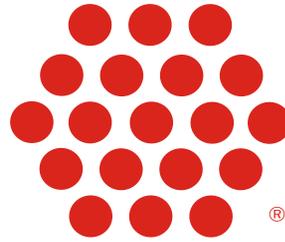
Section 3 contains tables that show all of the CIP expenditures anticipated for a given year, for each department, and identifying all of the different funding sources used. This is a significant change from past documents that presented projects in a series of tables: by department, by funding source, and by project category.

The new format provides a more concise and complete picture of all the projects and financial impacts occurring in a given year. It also provides a more concise picture of how multiple funds are typically employed in City projects compared to the former Funding Source section. The projects are divided into multiple different funding sources. Some of these funding sources are designated internal City funds, while others might be funds from other government units. All dollar amounts are listed in current dollars.

As with the former format, the sheet continues to show some general categories of projects, but the categories have been consolidated into Construction Projects, Fleet Vehicles and Equipment, and Maintenance Projects. The projects are divided into these broad

categories that often span departments (such as vehicles or construction). This allows for analysis of expenditures in large areas (such as construction) where department functions are not always relevant.

Finally, the tables continue to show projects by different departments. Most notably, each year is divided into three sheets. One sheet represents all of the costs associated with the City's largest department—Public Works. These costs are associated with providing and maintaining the City's critical street, sewer, water, and infrastructure assets. Another sheet represents all of the costs associated with providing and maintaining the City's Parks and Recreation Resources. The third sheet represents the Public Safety Departments (Police and Fire), Administrative Divisions (Cable and Information Technology), and other small departments such as Community Development and Liquor.



**Apple
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**CITY OF APPLE VALLEY
CAPITAL IMPROVEMENTS PROGRAM
2016-2020**

**Section 1
Summaries**

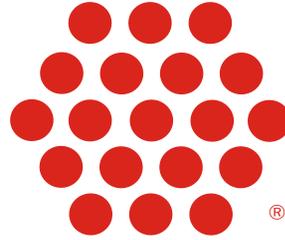
City of Apple Valley
Capital Improvements Program 2016-2020
2016 - 2020 Projects
All Funding Sources

| Funding Sources | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| General Fund | \$ 3,492,782 | \$ 3,591,639 | \$ 3,835,500 | \$ 3,904,000 | \$ 3,966,000 | \$ 18,789,921 |
| VERF Charges - (Internal Service Fund) | \$ 716,355 | \$ 727,500 | \$ 745,710 | \$ 764,270 | \$ 783,455 | \$ 3,737,290 |
| Equip / VERF Expense | \$ 1,635,600 | \$ 1,268,400 | \$ 1,402,900 | \$ 683,200 | \$ 589,500 | \$ 5,579,600 |
| Municipal Building Fund | \$ 231,500 | \$ 472,000 | \$ 416,000 | \$ 622,000 | \$ 746,000 | \$ 2,487,500 |
| Future Capital Projects Fund | \$ - | \$ - | \$ 620,000 | \$ - | \$ 750,000 | \$ 1,370,000 |
| GO/Revenue Bonds | \$ - | \$ - | \$ 3,000,000 | \$ - | \$ - | \$ 3,000,000 |
| EDA Funding | \$ 273,048 | \$ - | \$ - | \$ - | \$ - | \$ 273,048 |
| TIF Funding | \$ 600,000 | \$ - | \$ - | \$ - | \$ - | \$ 600,000 |
| Park Dedication | \$ 250,000 | \$ 1,250,000 | \$ - | \$ - | \$ 250,000 | \$ 1,750,000 |
| Ice Arena | \$ 25,000 | \$ 83,000 | \$ 1,400,000 | \$ 200,000 | \$ 135,000 | \$ 1,843,000 |
| Golf | \$ 172,000 | \$ 201,000 | \$ 245,000 | \$ 195,000 | \$ 235,000 | \$ 1,048,000 |
| Liquor | \$ 31,000 | \$ 75,000 | \$ 12,000 | \$ 20,000 | \$ - | \$ 138,000 |
| Old City Hall Fund | \$ - | \$ - | \$ 1,647,000 | \$ - | \$ - | \$ 1,647,000 |
| Special Assessments | \$ 642,580 | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 1,042,580 |
| Water Utility | \$ 3,035,000 | \$ 3,379,100 | \$ 2,832,906 | \$ 2,575,906 | \$ 1,670,500 | \$ 13,493,412 |
| San. Sewer Utility | \$ 504,000 | \$ 1,620,000 | \$ 1,351,145 | \$ 1,080,545 | \$ 938,100 | \$ 5,493,790 |
| Storm Drainage Utility | \$ 546,786 | \$ 894,000 | \$ 131,600 | \$ 1,025,800 | \$ 1,267,200 | \$ 3,865,386 |
| Street Light Utility | \$ 8,500 | \$ 33,500 | \$ 10,000 | \$ 12,000 | \$ 12,000 | \$ 76,000 |
| Road Improvement Fund | \$ 707,075 | \$ 799,425 | \$ 310,180 | \$ (505,001) | \$ (499,777) | \$ 811,902 |
| MSA Maintenance | \$ 535,000 | \$ 53,000 | \$ 550,000 | \$ 550,000 | \$ 550,000 | \$ 2,238,000 |
| MSA Construction | \$ 443,000 | \$ 2,440,000 | \$ 336,000 | \$ 969,000 | \$ - | \$ 4,188,000 |
| Municipal State Aid | \$ 978,000 | \$ 2,943,000 | \$ 886,000 | \$ 1,519,000 | \$ 550,000 | \$ 6,876,000 |
| Cemetery Fund | \$ 85,000 | \$ 100,000 | \$ 95,000 | \$ - | \$ - | \$ 280,000 |
| Grant Funding | \$ 241,610 | \$ - | \$ - | \$ 100,000 | \$ - | \$ 341,610 |
| Dakota County | \$ 291,015 | \$ 745,975 | \$ 125,000 | \$ 49,000 | \$ - | \$ 1,210,990 |
| Federal Funding | \$ 615,000 | \$ - | \$ - | \$ - | \$ - | \$ 615,000 |
| Other Govt | \$ 906,015 | \$ 745,975 | \$ 125,000 | \$ 49,000 | \$ - | \$ 1,825,990 |
| Other Sources | \$ 100,000 | \$ 4,621,000 | \$ 600,000 | \$ 600,000 | \$ 600,000 | \$ 6,521,000 |
| Total Funding | \$ 15,181,851 | \$ 22,904,539 | \$ 19,765,941 | \$ 12,945,720 | \$ 12,092,978 | \$ 82,891,029 |

City of Apple Valley
Capital Improvements Program 2016-2020
2016 - 2020 Projects
All Project Categories

| Project Categories | 2016 | 2017 | 2018 | 2019 | 2020 | Total |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Building and Facility Improvements | \$ 457,345 | \$ 777,459 | \$ 7,293,000 | \$ 847,000 | \$ 1,563,000 | \$ 10,937,804 |
| Capital Technology | \$ 311,237 | \$ 322,080 | \$ 432,000 | \$ 425,000 | \$ 325,000 | \$ 1,815,317 |
| Fleet Vehicles and Equipment | \$ 2,482,455 | \$ 2,327,000 | \$ 2,990,410 | \$ 1,738,870 | \$ 2,049,755 | \$ 11,588,490 |
| Parks, Playgrounds, Paths, Open Space | \$ 120,000 | \$ 1,977,000 | \$ 678,000 | \$ 765,000 | \$ 1,015,000 | \$ 4,555,000 |
| Ponds, Natural Resources, and Environm | \$ 435,000 | \$ 95,000 | \$ 50,000 | \$ 50,000 | \$ 52,000 | \$ 682,000 |
| Street and Utility Improvements | \$ 8,852,314 | \$ 13,743,500 | \$ 6,445,031 | \$ 7,146,850 | \$ 5,790,223 | \$ 41,977,918 |
| Utility Infrastructure Preservation | \$ 2,523,500 | \$ 3,662,500 | \$ 1,877,500 | \$ 1,973,000 | \$ 1,298,000 | \$ 11,334,500 |
| Grand Total | \$ 15,181,851 | \$ 22,904,539 | \$ 19,765,941 | \$ 12,945,720 | \$ 12,092,978 | \$ 82,891,029 |

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**Apple
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**CITY OF APPLE VALLEY
CAPITAL IMPROVEMENTS PROGRAM
2016-2020**

**Section 2
Financial Impact Analysis**

Future Capital Projects Fund

Fund Description

The Future Capital Projects Fund accounts for significant capital improvement projects for various service areas within the City as appropriated by the City Council. Some of these projects are projected one-time construction projects. Others, such as the Pavement Management Support Transfer and support of the Municipal Building Fund, may be ongoing based on Council policy.

Background

The Future Capital Fund was created as a means to fund significant capital projects not included elsewhere in the budget or CIP, especially those that may not have an alternate or dedicated revenue stream other than property tax support. More recently, it has also provided funding support for the City's Pavement Management Program. Beginning with the 2016-2017 operating budget a transfer has been identified to go to the Municipal Building Fund to support that funds capital outlay, this ongoing transfer is included at an amount equal to the prior year's interest earnings.

Source of Funds

The Fund receives its revenues from two primary sources—annual transfer of the ending operating General Fund balance and investment earnings. For this document, staff has conservatively estimated no ending balance transfers from the General Fund between 2016 and 2020. However, if there is a positive balance in those years, the balance would become a revenue source for this fund.

Use of Funds

The City prepares a detailed five year capital improvement plan that outlines all planned renovations and improvements, the attached scheduled goes out to 2020. Significant anticipated projects include the acquisition of land for Fire Station #4, reconstruction of the shared entrance with the Dakota County Western Services Center off of Galaxie Avenue, and the replacement of the Park Maintenance Building at Johnny Cake Ridge Park East.

Transfers

The Future Capital Projects Fund transfers funds to support the City's Park Bond payments. This allowed use of the levy funds to support the Pavement Management Program. The City Council provided direction for support of \$960,000 per year to the Park Bond Transfer through 2017. This support is a part of the strategy to avoid specially assessing the benefiting property owners.

Fund Outlook

Projected expenditures will significantly reduce the fund balance by about 25 percent within the next five years. The Fund's outlook could improve with transfers from the General Fund ending balance. One significant use includes the Future Capital Projects Fund commitment of \$960,000 per year toward the Park Bond Transfer through 2017, when the bonds are retired.

Financial Analysis: Future Capital Projects Fund (4930)

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|-----------------------|----------------------|----------------------|----------------------|---------------------|
| Source of Funds | | | | | |
| Investment Earnings | \$ 180,000 | \$ 187,000 | \$ 163,000 | \$ 154,000 | \$ 155,000 |
| Valleywood Loan Repayment | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| Total Source of Funds | \$ 230,000 | \$ 237,000 | \$ 213,000 | \$ 204,000 | \$ 205,000 |
| Use of Funds | | | | | |
| Fire | | | | | |
| Acquire land for Station #4 | | | \$ 500,000 | | |
| Parks | | | | | |
| JCRP east new maintenance facility | | | | | \$ 750,000 |
| Public Works | | | | | |
| Reconstruct Western Service Center Entrance | | | \$ 120,000 | | |
| Other | | | | | |
| Transfer to Park Bond | \$ 960,000 | \$ 960,000 | | | |
| Transfer to Municipal Building Fund | \$ 370,000 | \$ 180,000 | \$ 187,000 | \$ 163,000 | \$ 154,000 |
| Total Use of Funds | \$ 1,330,000 | \$ 1,140,000 | \$ 807,000 | \$ 163,000 | \$ 904,000 |
| Net Change | \$ (1,100,000) | \$ (903,000) | \$ (594,000) | \$ 41,000 | \$ (699,000) |
| Beginning Cash Balance | \$ 12,865,077 | \$ 11,765,077 | \$ 10,862,077 | \$ 10,268,077 | \$ 10,309,077 |
| Ending Cash Balance | \$ 11,765,077 | \$ 10,862,077 | \$ 10,268,077 | \$ 10,309,077 | \$ 9,610,077 |

Equipment Certificate Funds

Fund Description

The Equipment Certificate Fund accounts for the proceeds from the issuance of equipment certificates along with the spending of these proceeds on associated equipment. A separate debt service fund is established for each equipment certificate issued.

Background

Equipment certificates are a means for the city to issue debt in small quantities to fund the purchase of capital equipment. This mechanism helps smooth out “spikes” and “valleys” in the General Fund as the cost for larger items, like fire trucks and plow trucks, can be spread over a number of years. Equipment certificates are used for items that have a long expected useful lifespan that will greatly exceed the issuance of the debt. Starting in 2014, a Vehicle and Equipment Replacement Fund (VERF) was established to fund similar purchases through an annual charge to the operating budgets. Over the past couple years the general government departments are being transitioned to the VERF Fund. As of 2016 the only department left to transition is the street department.

Source of Funds

The fund receives its revenues from three primary sources—issuance of the debt certificates, investment earnings, and sale of assets.

Use of Funds

The City prepares a detailed five year capital improvement plan that outlines all planned replacements and additions. Significant anticipated projects include large CAT loaders, a sign truck, pickup trucks, several plow trucks, and several multi-purpose tractor type units.

Fund Outlook

Projects for this fund often begin as proposals in the equipment replacement schedule. The City is attempting to move vehicle and equipment purchases onto the Vehicle and Equipment Replacement Fund (VERF). At this time, the Streets Department has not been moved to this fund and continue to rely on Equipment Certificates. It is anticipated that the Streets Department will be added to the VERF by 2021. The attached table shows a reduction in the level of equipment certificates issued until 2019, when it is anticipated that the fund balance will be spent down and then transitioned to the VERF in 2021.

Financial Analysis: Equipment Certificate Funding (2005)

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|------------------------------|-------------------|-------------------|-------------------|------------------|------------------|
| Source of Funds | | | | | |
| Certificates issued | \$ 470,000 | \$ 350,000 | \$ 500,000 | | |
| Investment Earnings | 0.25% 879 | 889 | 920 | 1,050 | 361 |
| Sale of Assets | 60,000 | 68,400 | 70,000 | 40,000 | 22,000 |
| Tax Levy | | | | | |
| Total Source of Funds | \$ 530,879 | \$ 419,289 | \$ 570,920 | \$ 41,050 | \$ 22,361 |

Use of Funds

Public Works

| | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|
| Crash Attenuator | 15,000 | | | | |
| 1987 CAT Loader Unit # 351 | 200,000 | | | | |
| Sign / Aerial Truck # 338 | 100,000 | | | | |
| Single Axle Plow Truck Replacement # 381 | 212,000 | | | | |
| 2007 Chev 3/4 ton PU #313 | | 34,900 | | | |
| 2005 Ford F550 Dump # 323 | | 71,800 | | | |
| 2007 Ford F550 Dump # 325 | | 71,800 | | | |
| 2002 Ford F550 Dump # 326 | | 102,500 | | | |
| 2006 Skid Loader # 332 | | 37,900 | | | |
| 2012 JD 997 Mower # 335 | | 16,500 | | | |
| 2012 JD 997 # 349 | | 16,500 | | | |
| 2006 ToolCat 5600 # 347 | | 54,800 | | | |
| 2006 Sterling Dump L7500 # 314 | | | 222,700 | | |
| 2008 Chev 3/4 Ton Pickup # 316 | | | 35,700 | | |
| 2005 Sterling Tandem Dump LT7500 #344 | | | 236,400 | | |
| 1998 Daewoo Forklift | | | 24,200 | | |
| 2005 Sterling Tandem Dump LT7500 #319 | | | | 242,300 | |
| 1994 Compressor Model XA5905D | | | | 19,400 | |
| 2004 JCB 520 Loadall Teles. Load Handler #333 | | | | 54,900 | |
| 2010 GMC 3/4 ton Pickup # 360 | | | | | 37,500 |
| 2010 Ford F550 Dump # 361 | | | | | 77,300 |
| 2010 Vermeer BC 1800 XL Chipper | | | | | 51,900 |
| Total Use of Funds | \$ 527,000 | \$ 406,700 | \$ 519,000 | \$ 316,600 | \$ 166,700 |

Net Change

\$ 3,879 \$ 12,589 \$ 51,920 \$ (275,550) \$ (144,339)

| | | | | | |
|------------------------------|-------------------|-------------------|-------------------|-------------------|---------------|
| Beginning Cash/ Fund Balance | \$ 351,680 | \$ 355,559 | \$ 368,148 | \$ 420,068 | \$ 144,519 |
| Ending Cash/ Fund Balance | \$ 355,559 | \$ 368,148 | \$ 420,068 | \$ 144,519 | \$ 180 |

Vehicle and Equipment Replacement Fund

Fund Description

The Vehicle and Equipment Replacement Fund (VERF) accounts for significant capital improvements pertaining to vehicles and equipment, the use of this fund provides for the funding of scheduled equipment replacement.

Background

In 2013, the City began budgeting for vehicles and equipment replacement using the fleet management approach. Rather than budgeting for individual units on an annual basis, which is subject to large swings in expenditures from year to year, departments are charged an annual fee to the Vehicle and Equipment Replacement Fund. This provides a more stable budgeting approach without the annual volatility. All General Fund departments except for Parks Maintenance and Streets Department were transitioned in prior years. The Parks Department is being transitioned to the VERF Program in 2016. The Streets Department is expected to be transitioned by 2021.

Source of Funds

The Fund receives its revenues from annual charges to each departments operating budget.

Use of Funds

The Fund covers the annual vehicle and equipment needs for participating departments.

Fund Outlook

The Vehicle and Equipment Replacement Fund (VERF) was being created to provide a financing mechanism for the systematic replacement of vehicles in the City's Fleet. The goal of the fund is to have sufficient cash flow to fund annual equipment purchases without the need to borrow and to stabilize budgeting for major equipment purchases. The goal is to accumulate funds but it is not planned to have all the resources to fund 100% of the replacement value of the entire fleet at any one time. The projected low balance over the next five years is just under \$200,000. Over the next five years the VERF is expected to spend \$3,643,600 on equipment replacement.

Financial Analysis: Vehicle and Equipment Replacement Fund

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|-----------------------------------|---------------------|--------------------|--------------------|-------------------|---------------------|
| Source of Funds | | | | | |
| VERF Interfund Charges | \$ 716,355 | \$ 727,500 | \$ 745,710 | \$ 764,270 | \$ 783,455 |
| Sales Proceeds | 76,500 | 80,500 | 64,400 | 35,000 | 45,500 |
| Investment Earnings | 1.5% 9,135 | 7,760 | 4,013 | 2,966 | 9,500 |
| Transfer from Closed GO Debt Fund | 461,000 | - | | | |
| Total Source of Funds | \$ 1,262,990 | \$ 815,760 | \$ 814,123 | \$ 802,236 | \$ 838,455 |
| Use of Funds | | | | | |
| Fire | \$ 530,000 | \$ 270,600 | \$ 520,100 | \$ 60,400 | \$ - |
| General Government | | | | | |
| Code Enforcement | | | | | |
| Police | 65,000 | 114,800 | 108,300 | 229,200 | 276,800 |
| Parks | 513,600 | 476,300 | 231,100 | 77,000 | 146,000 |
| Building Inspections | | | | | |
| Engineering | | | | | |
| Fleet Maintenance | | | | | |
| Public Works Admin | | | 24,400 | | |
| Streets | | | | | |
| Total Use of Funds | \$ 1,108,600 | \$ 861,700 | \$ 883,900 | \$ 366,600 | \$ 422,800 |
| Net Change | \$ 154,390 | \$ (45,940) | \$ (69,777) | \$ 435,636 | \$ 415,655 |
| Beginning Cash Balance | \$ 159,052 | \$ 313,442 | \$ 267,502 | \$ 197,725 | \$ 633,360 |
| Ending Cash Balance | \$ 313,442 | \$ 267,502 | \$ 197,725 | \$ 633,360 | \$ 1,049,016 |

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General Fund

Fund Description

The General Fund is the largest fund in the City's accounting system. This fund is the primary fund affecting many of the City's daily operations.

Background

The General Fund contains a wide variety of services offered by many different departments. Most of these services do not generate their own revenue stream or are not operated as an enterprise function. The majority of the City's annual budget is dedicated to the operations within the General Fund. Typically, capital outlay is a very small percentage of the total General Fund expenditures, with the vast majority of expenses occurring for personnel services or commodities. However, large changes in capital outlay expenditures can have a significant impact on the General Fund.

Source of Funds

The Fund receives its revenues from many different sources. The primary funding source is property taxes, comprising approximately 75 percent of the General Fund revenues. The next largest funding source is Transfers In from other funds and Administrative charges to other funds, comprising about ten percent of the revenues. The remaining revenues are each under five percent of the Fund's total revenues. Generally, residents and the City Council have been very sensitive to significant changes in the property tax level from year to year. As a result, the City has attempted to keep the expenditures in the General Fund as steady as possible.

Use of Funds

The City prepares a detailed five year capital improvement plan that outlines all planned renovations and improvements. Because the expenditures in this fund tend to be smaller, there are a large number of different expenses which are listed individually in the tables. Examples of expenditures include vehicles and equipment pieces costing less than \$50,000, small building maintenance projects, and recurring amenity maintenance, such as recreational trails and pathways.

Fund Outlook

Operational projects typically begin as proposals in the General Fund budget. Some large projects may be later moved to the Equipment Certificate Fund during the budget preparation process. Review of this document shows several General Fund projects that may be candidates for Equipment Certificates. Those projects may be reassigned from the General Fund to Equipment Certificates in the future. The City is also in the process of transferring vehicle and equipment purchases to a separate Vehicle and Equipment Replacement Fund.

Financial Analysis: General Fund

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Source of Funds | | | | | |
| Tax Levy | \$ 464,582 | \$ 453,539 | \$ 621,500 | \$ 595,000 | \$ 557,000 |
| Total Source of Funds | \$ 464,582 | \$ 453,539 | \$ 621,500 | \$ 595,000 | \$ 557,000 |

Use of Funds

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|--|------------------|------------------|------------------|------------------|------------------|
| Fire | | | | | |
| Fire Station Monument Signs | \$ 16,345 | \$ 25,459 | | | |
| Fire Station #1 day room floor | \$ 11,000 | | | | |
| Fire Station Security cameras | \$ 25,657 | | | | |
| Fire Station Apparatus bay floors ('18 #3 & #1, '19 #2) | | | \$ 55,000 | \$ 25,000 | |
| Fire Department Subtotal | \$ 53,002 | \$ 25,459 | \$ 55,000 | \$ 25,000 | \$ - |
| IT | | | | | |
| Various IT annual expenditures | \$ 259,580 | \$ 287,080 | \$ 300,000 | \$ 315,000 | \$ 325,000 |
| Police | | | | | |
| Minor vehicle replacement | | | | | |
| Police rifle replacement | | | | | |
| Police radios | | | \$ 90,000 | \$ 90,000 | |
| Police Subtotal | \$ - | \$ - | \$ 90,000 | \$ 90,000 | \$ - |
| Public Works | | | | | |
| CMF Southfork vehicle storage flood sealing | \$ 8,500 | | | | |
| Streets wire feed welder | | | \$ 8,500 | | |
| CMF vehicle hoists | | | | | \$ 26,000 |
| CMF building windows | | | | | \$ 9,500 |
| CMF Police/ Storage bldg unit heater | | | | | \$ 15,500 |
| Public Works Subtotal | \$ 8,500 | \$ - | \$ 8,500 | \$ - | \$ 51,000 |

Financial Analysis: General Fund (continued)

| Parks | | | | | | | | | | |
|---|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|
| Overlay park trails | \$ | 30,000 | \$ | 30,000 | \$ | 40,000 | \$ | 40,000 | \$ | 40,000 |
| Park Reforestation | \$ | 10,000 | \$ | 10,000 | \$ | 10,000 | \$ | 10,000 | \$ | 10,000 |
| Plat Structure Replacement | | | | | | | \$ | 100,000 | \$ | 75,000 |
| Parks Maintenace Deep Tine Aerator | \$ | 26,000 | | | | | | | | |
| Parks Maintenace Sod Cutter #260 | \$ | 4,500 | | | | | | | | |
| Parks, Kelley Park playground tiles replacement | \$ | 65,000 | | | | | | | | |
| Community Center office chairs | \$ | 3,000 | | | | | | | | |
| Community Center ceiling tile replacement | \$ | 5,000 | \$ | 5,000 | | | | | | |
| Senior Cntr banquet chairs | | | \$ | 15,000 | | | | | | |
| Comm Cntr meeting room TVs | | | \$ | 5,000 | | | | | | |
| Park, JCRPW fence between soccer fields | | | \$ | 20,000 | | | | | | |
| Park, AV East ice rink | | | \$ | 12,000 | | | | | | |
| Aquatic Cntr rental cabanas | | | \$ | 16,000 | | | | | | |
| Aquatic Cntr POS system | | | \$ | 15,000 | | | | | | |
| | | | | | | | | | | |
| Aquatic Cntr coolers and freezers | | | \$ | 13,000 | | | | | | |
| Comm Cntr hardwood gym curtain | | | | | \$ | 30,000 | | | | |
| Senior Cntr audio/visual equipment | | | | | \$ | 20,000 | | | | |
| Teen Cntr minor improvements | | | | | \$ | 10,000 | | | | |
| Comm Cntr rental room audio/visual equip | | | | | \$ | 10,000 | | | | |
| Park, Valley Middle ice rink | | | | | \$ | 15,000 | | | | |
| Park, neighborhood backstops (5) | | | | | \$ | 13,000 | | | | |
| Aquatic Cntr funbrellas | | | | | \$ | 20,000 | | | | |
| Park plastic playground timbers | | | | | | | \$ | 15,000 | | |
| Teen Cntr minor improvements | | | | | | | | | \$ | 10,000 |
| Comm Cntr rental room tables & chairs | | | | | | | | | \$ | 6,000 |
| Park, Tintah soccer field irrigation | | | | | | | | | \$ | 40,000 |
| | | | | | | | | | | |
| Parks Subtotal | \$ | 143,500 | \$ | 141,000 | \$ | 168,000 | \$ | 165,000 | \$ | 181,000 |
| | | | | | | | | | | |
| Total Use of Funds | \$ | 464,582 | \$ | 453,539 | \$ | 621,500 | \$ | 595,000 | \$ | 557,000 |
| | | | | | | | | | | |
| Net Change | \$ | - |
| | | | | | | | | | | |
| Beginning Fund Balance | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| Ending Fund Balance | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |

Former City Hall Fund

Fund Description

The City Hall Fund accounts for significant capital improvement projects pertaining to the former City Hall property. The City currently leases the property to the St. Mary's University as an education facility. This lease will expire at the end of 2016 and the City expects the use to continue into the future.

Background

In 2001, the City moved its operations to the Municipal Center location and vacated the former City Hall property. As the City did not have an immediate use for the property, but was also sensitive to the type of new use of the property, the City chose to rent the property. The City continues to have obligations to maintain the facility for the tenant. The building was constructed in a series of additions and renovations over the years, so the infrastructure systems within the building vary from area to area and are not of uniform age or design.

Source of Funds

The fund receives its revenues from two primary sources—rents received from the tenant and investment earnings.

Use of Funds

Under the current lease, the City assumes all responsibilities for the maintenance of the property including daily maintenance of the interior and exterior space along with the roof structure, the HVAC system, and plumbing. The boiler infrastructure is at the end of its useful lifespan and requires replacement in the very near future. Such replacement would be extensive because it also involves controls throughout the building. Several roof sections are near the end of their useful lifespan as well.

Fund Outlook

This fund has built a fund balance over the past ten years as the City has had minimal capital investment needs. The projected needs in the near future will be significant if the City intends to keep using the building into the future and a long term solution will be needed.

Financial Analysis: Former City Hall Fund (2090)

(Partners in Education Building)

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Source of Funds | | | | | | |
| Investment Earnings | 12,000 | \$ 11,000 | \$ 11,580 | \$ 12,280 | \$ - | \$ - |
| Rents | \$ 129,000 | \$ 129,000 | \$ 131,580 | \$ 131,580 | \$ 131,580 | \$ 131,580 |
| Tax Levy | | | | | | |
| Total Source of Funds | \$ 141,000 | \$ 140,000 | \$ 143,160 | \$ 143,860 | \$ 131,580 | \$ 131,580 |

Use of Funds

| | | | | | | |
|------------------------------|------------------|------------------|------------------|---------------------|-------------|-------------|
| Salaries & Wages | 61 | - | | | | |
| Emp. Benefits | 9 | - | | | | |
| Supplies | - | - | | | | |
| Contractual Serv. | 33,120 | 35,700 | 36,800 | | | |
| Utilities | 28,810 | 30,750 | 31,700 | | | |
| Repairs & Maint. | 25,860 | 27,050 | 27,900 | | | |
| Training/Travel/Dues | - | - | - | | | |
| Other Exp. | 55 | 60 | 100 | | | |
| Visa / bank charges | - | - | - | | | |
| Capital outlay: | | | | | | |
| Boiler and HVAC | | | | 750,000 | | |
| Fire sprinkler protection | | | | 45,000 | | |
| Interior lighting | | | | 190,000 | | |
| Monument sign | | | | 60,000 | | |
| Power distribution equipment | | | | 200,000 | | |
| Re-siding and painting | | | | 50,000 | | |
| Retaining wall | | | | 15,000 | | |
| Roof (all sections) | | | | 260,000 | | |
| Sidewalk & pavement | | | | 15,000 | | |
| Windows | | | | 62,000 | | |
| Total Use of Funds | \$ 87,915 | \$ 93,560 | \$ 96,500 | \$ 1,647,000 | \$ - | \$ - |

| | | | | | | |
|-------------------|------------------|------------------|------------------|-----------------------|-------------------|-------------------|
| Net Change | \$ 53,085 | \$ 46,440 | \$ 46,660 | \$ (1,503,140) | \$ 131,580 | \$ 131,580 |
|-------------------|------------------|------------------|------------------|-----------------------|-------------------|-------------------|

| | | | | | | |
|------------------------|------------|------------|------------|--------------|--------------|--------------|
| Beginning Fund Balance | \$ 672,499 | \$ 725,584 | \$ 772,024 | \$ 818,684 | \$ (684,455) | \$ (552,875) |
| Ending Fund Balance | \$ 725,584 | \$ 772,024 | \$ 818,684 | \$ (684,455) | \$ (552,875) | \$ (421,295) |

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Municipal Building Fund

Fund Description

The Municipal Building Fund accounts for significant capital improvements pertaining to vehicles and equipment, the use of this fund provides for the funding of scheduled equipment replacement.

Background

With the 2016 budget, the City began budgeting for building improvement projects out of a new fund called the Municipal Building Fund. Rather than budgeting for individual projects in individual operating budgets which are subject to large swings in expenditures from year to year. This provides a more stable budgeting approach without the annual volatility in the individual department budgets.

Source of Funds

The Fund receives its revenues from transfers from the General Fund and the Future Capital Projects Fund, the initial amount of the transfer from the General Fund is approximately equal to what the General Fund had been paying for these projects out of the General Fund operating budget. The transfer amount from the Future Capital Projects Fund is equal to the amount of interest earned in that fund in the previous year.

Use of Funds

The Fund covers the projected and budgeted building improvements for general government buildings.

Fund Outlook

The Municipal Building Fund was created to provide a financing mechanism for the systematic building improvements to general government buildings. Based on the existing conservative funding estimates the fund balance would reach a deficit status in 2019. Each year the projects included in the 3rd through 5th years may need to be adjusted as funding becomes available.

Financial Analysis: Municipal Building Fund

| | | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|-------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Source of Funds | | | | | | | |
| Investment Earnings | 1.50% | \$ - | \$ 4,875 | \$ 4,500 | \$ 3,500 | \$ 2,700 | \$ - |
| Transfer from Future Capital Projects fund | | - | 370,000 | 180,000 | 168,000 | 160,000 | 160,000 |
| Transfer from General Fund | 3% | - | 171,500 | 176,000 | 181,000 | 186,000 | 192,000 |
| Estimate of FCPF Investment earnings above budgeted | | | | 31,500 | 10,000 | 10,000 | 10,000 |
| Total Source of Funds | | \$ - | \$ 546,375 | \$ 392,000 | \$ 362,500 | \$ 358,700 | \$ 362,000 |

Use of Funds

City Hall

| | | | | | | | |
|--|--|-------------|-------------|------------------|------------------|-------------------|-------------------|
| Municipal Center - bathroom counters | | | | 10,000 | | | |
| Municipal Center - PD HVAC Phase 1 | | | | | 60,000 | | |
| Municipal Center - PD Training room area | | | | | | 56,000 | |
| Municipal Center - Recarpet | | | | | | 200,000 | |
| Municipal Center - PD Boilers | | | | | | | 250,000 |
| Municipal Center - PD HVAC phase 2 | | | | | | | 60,000 |
| Municipal Center - PD open office panels | | | | | | | 75,000 |
| Municipal Center - PD recarpet | | | | | | | 150,000 |
| | | \$ - | \$ - | \$ 10,000 | \$ 60,000 | \$ 256,000 | \$ 535,000 |

Public Works

| | | | | | | | |
|---|--|-------------|-------------------|------------------|-------------------|------------------|-------------|
| CMF exterior doors | | | 6,500 | | | | |
| CMF monument sign | | | 10,000 | | | | |
| CMF west of office ground HVAC & cntrls | | | 115,000 | | | | |
| CMF roof section | | | | 30,000 | | | |
| CMF Streets Foreman offices | | | | 7,500 | | | |
| CMF vehicle stroage floor | | | | 32,500 | | | |
| CMF north & west lot chip seal | | | | | 15,000 | | |
| CMF overhead doors | | | | | 22,000 | | |
| CMF restrooms | | | | | 20,000 | | |
| CMF Streets shop door | | | | | 27,000 | | |
| CMF Windows, doors and Overhead doors | | | | | 16,000 | | |
| CMF CoRayVac Program thermostat control | | | | | 6,000 | | |
| CMF front East/West face window panes | | | | | | 18,000 | |
| CMF Hallway tile flooring | | | | | | 12,000 | |
| CMF Street/Parks Bldg unit heater | | | | | | 15,000 | |
| | | \$ - | \$ 131,500 | \$ 70,000 | \$ 106,000 | \$ 45,000 | \$ - |

Financial Analysis: Municipal Building Fund (continued)

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|--|-------------|-------------------|--------------------|--------------------|---------------------|---------------------|
| Parks | | | | | | |
| Teen Center main room flooring | | 15,000 | | | | |
| Comm Center lobby improvements | | 25,000 | | | | |
| Redwood diving board | | 15,000 | | | | |
| Aquatic Center building roof | | 45,000 | | | | |
| Community Center carpet | | | 50,000 | | | |
| Community Center front counter glass enclosure | | | 12,000 | | | |
| Community Center interior painting | | | 25,000 | | | |
| Community Center lobby and hallway lighting | | | 10,000 | | | |
| Community Center - sport court gym flooring | | | 100,000 | | | |
| Aquatic Center bathhouse floor resurfacing | | | 40,000 | | | |
| Aquatic Center Diamond Bright lap lanes | | | 80,000 | | | |
| Redwood building improvements - year 1 | | | 20,000 | | | |
| Valley Middle - park building roof | | | 55,000 | | | |
| Community Center - Flooring various rooms | | | | 35,000 | | |
| Community Center - restroom / locker room flooring | | | | 15,000 | | |
| Community Center - restroom / locker room partitions | | | | 15,000 | | |
| Community Center - painting high traffic areas | | | | 15,000 | | |
| Aquatic Center - Waterslide | | | | 150,000 | | |
| Redwood building improvements- year 2 | | | | 20,000 | | |
| Community Center - Locker room flooring /fixtures | | | | | 20,000 | |
| Community Center sport court gym roof | | | | | 100,000 | |
| Senior Center Building upgrades | | | | | 35,000 | |
| Senior Center - Interior Painting | | | | | 10,000 | |
| JCRP east- Soccer Stadium Roof | | | | | 6,000 | |
| Aquatic Center - Waterslide | | | | | 150,000 | |
| Community Center - gym divider wall | | | | | | 100,000 |
| Community Center - interior painting | | | | | | 45,000 |
| JCRP east- Legion Field roof | | | | | | 6,000 |
| JCRP east - restroom facility | | | | | | 60,000 |
| | <u>\$ -</u> | <u>\$ 100,000</u> | <u>\$ 392,000</u> | <u>\$ 250,000</u> | <u>\$ 321,000</u> | <u>\$ 211,000</u> |
| Total Use of Funds | <u>\$ -</u> | <u>\$ 231,500</u> | <u>\$ 472,000</u> | <u>\$ 416,000</u> | <u>\$ 622,000</u> | <u>\$ 746,000</u> |
| Net Change | <u>\$ -</u> | <u>\$ 314,875</u> | <u>\$ (80,000)</u> | <u>\$ (53,500)</u> | <u>\$ (263,300)</u> | <u>\$ (384,000)</u> |
| Beginning Cash/ Fund Balance | <u>\$ -</u> | <u>\$ -</u> | <u>\$ 314,875</u> | <u>\$ 234,875</u> | <u>\$ 181,375</u> | <u>\$ (81,925)</u> |
| Ending Cash/ Fund Balance | <u>\$ -</u> | <u>\$ 314,875</u> | <u>\$ 234,875</u> | <u>\$ 181,375</u> | <u>\$ (81,925)</u> | <u>\$ (465,925)</u> |

Tax Increment Finance Funding

Fund Description

Tax increment financing is an economic tool established under State law. This fund pertains only to projects that are authorized expenditures for tax increment financing as established under State law.

Background

The laws have changed over the years and have limited applicability. However, the general concept is that the City, under certain conditions, may establish a tax increment district in an area where property values are currently low, typically because the property is undeveloped or is blighted in some way. The City can issue debt to fund certain types of improvements to the property. After the improvements and additional development or redevelopment activity, the property tax value increases. The City then captures this incremental increase in property tax revenue to pay off the debt for the improvements. In some cases, the increments captured exceed the amount necessary to retire the debt for the improvements. In a limited number of those cases, the City can use the excess increment revenues to fund additional eligible tax increment financing projects.

Source of Funds

The Fund receives its revenues from two primary sources—receipt of tax increments and investment earnings. Estimating the amount of the increment is dependent on accurate forecasting of the future value of the property after it has been improved. In our case, the districts have been established for decades and there is a long history of property valuations after the improvements were made. Apple Valley's two included districts (TIF 1 & 7) will be decertified by 12-31-15. For this document the estimated anticipated tax increments available include the balances in TIF District # 1 and 7.

Use of Funds

The State law is very restrictive on the types of expenditures that can be used with tax increment revenues and the geographic locations that these expenditures can be made. Generally, the allowed expenditures are for public improvements such as roadways, traffic signals, or parking facilities.

Fund Outlook

Projects associated with this fund are typically linked with development activity. The projected expenditures in this document assume that certain development activity will occur in the future that would be supported with tax increment backed improvements. The project identified and included in the schedule is the costs associated with the extension of 157th Street from Pilot Knob to Johnny Cake Ridge Road.

Financial Analysis: Tax Increment Finance Funding

| | | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|-------|-------------------|------------------|------------------|------------------|------------------|
| Source of Funds | | | | | | |
| Investment Earnings | 1.50% | \$ 51,900 | \$ 52,679 | \$ 53,469 | \$ 54,271 | \$ 55,085 |
| Tax Increments | | - | - | - | - | - |
| Total Source of Funds | | \$ 651,900 | \$ 52,679 | \$ 53,469 | \$ 54,271 | \$ 55,085 |
| Use of Funds | | | | | | |
| Streets & utility Improvements | | | | | | |
| 157th Street Extension | | \$ 600,000 | | | | |
| Total Use of Funds | | \$ 600,000 | \$ - | \$ - | \$ - | \$ - |
| Net Change | | \$ 51,900 | \$ 52,679 | \$ 53,469 | \$ 54,271 | \$ 55,085 |
| Beginning Cash/ Fund Balance | | \$ 3,460,000 | \$ 3,511,900 | \$ 3,564,579 | \$ 3,618,047 | \$ 3,672,318 |
| Ending Cash / Fund Balance | | \$ 3,511,900 | \$ 3,564,579 | \$ 3,618,047 | \$ 3,672,318 | \$ 3,727,403 |

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Road Improvement Fund

Fund Description

The Road Improvement Fund accounts for significant capital improvement projects for construction, maintenance, and repair of roadways and pathways.

Background

The Road Improvement Fund is a mechanism to account for certain portions of roadway improvement projects. It is also important to note that in many cases, the full cost of the roadway project includes many different funding sources. For example, the City's Utility Funds support portions of the annual street overlay project. For another example, for County roadways, the City pays a portion of the project cost, but large portions of the project may be funded by the County, the State, or other adjoining cities.

Source of Funds

The Fund receives its revenues from many sources, a large portion of the project costs are shared with the utility funds and other sources, e.g. Municipal State Aid for eligible projects. A portion of the funding identified as property tax levy is included within the General Fund Levy and is transferred each year to the Road Improvement Fund and represents the taxpayer's support of the annual street program.

Use of Funds

The City prepares a detailed five year capital improvement plan that outlines all planned renovations and improvements. Significant anticipated projects include a number of street reconstructions, annual street overlay, and traffic signals.

Fund Outlook

The current Pavement Management Program began with the 2013 construction season. This fund has had a negative balance for many years and is related to a number of years when the annual Pavement Management Program was without an identified funding source. The projected expenditures over the next 3 years will exceed the revenues available. As the program is developed further additional revenue sources may need to be contemplated to maintain the anticipated management program. The Fund's outlook could improve with additional transfers from the General Fund positive ending balance, or savings on individual construction projects.

Financial Analysis: Road Improvement Fund (2025)

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|---------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Source of Funds | | | | | |
| Tax Levy - Transfer from General Fund | 3,028,200 | 3,138,100 | 3,213,000 | 3,309,000 | 3,409,000 |
| MSA Maintenance | 535,000 | 503,000 | 550,000 | 550,000 | 550,000 |
| MSA Construction | 443,000 | 1,780,000 | 336,000 | 969,000 | - |
| Special Assessments | 542,580 | - | - | - | - |
| TIF 1 or TIF 7 | 600,000 | - | - | - | - |
| Grants or Other Governments share | - | 95,975 | 125,000 | 149,000 | - |
| Water Utility | 615,000 | 933,000 | 929,706 | 1,216,706 | 972,000 |
| Sewer Utility | 494,000 | 835,000 | 799,545 | 1,080,545 | 862,000 |
| Storm Water Utility | 185,000 | 224,000 | 81,600 | 277,600 | 397,000 |
| Other Funds | 250,000 | 25,000 | - | - | - |
| Transfer from other funds | | | | | |
| Total Source of Funds | \$ 6,692,780 | \$ 7,534,075 | \$ 6,034,851 | \$ 7,551,851 | \$ 6,190,000 |

Use of Funds

| | | |
|--|-----------|-----------|
| City Signal 140th & Galaxie | \$ 68,000 | |
| Street proj, Palomino Hills 4th | 2,615,000 | |
| Street proj, Longridge 1st Addn | 1,165,000 | |
| Street proj, Hamburg Ct | 106,000 | |
| Street proj, Farquar Lake boat ramp | 25,000 | |
| Street proj, Palomino Reservoir driveway | 7,500 | |
| Street proj, Valleywood parking lot | 175,000 | |
| Street proj, 157th & JCRR extension | 1,692,580 | |
| Street proj, CSAH 38 w DC | 75,000 | |
| Street overlay/resurfacing - 151st St | 84,000 | |
| Street overlay/resurfacing - Falcon Ridge Tr | 56,000 | |
| Street microsurface/ crack sealing | 995,000 | |
| Trail CSAH 42 south side CSAH 31 to Dundee | 94,950 | |
| Trail CSAH 42 south side Rdwd Dr to Elm Dr | 16,335 | |
| Trail 140th St n & s sides Galaxie to JCRR | 116,490 | |
| Trail 157th St Greenway ped underpass | 108,000 | |
| Palomino Hills 3rd & 4th | | 3,779,000 |
| JCRR, Lapaz 2nd | | 2,707,000 |
| 133rd St Ct / 134th St Ct | | 1,045,000 |
| Street overlay/resurfacing | | 450,000 |
| Street microsurface/ crack sealing | | 178,000 |
| Trail CSAH 38 north side Hwy 77 to CR 11 | | 112,000 |
| Trail CSAH 42 north side CR 31 to CR 33 | | 62,500 |

Financial Analysis: Road Improvement Fund (2025)

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Apple Valley 11th | | | 2,947,031 | | |
| Cimmarron Rd | | | 275,000 | | |
| North and South Surrey Trail | | | 1,217,000 | | |
| Street overlay/resurfacing | | | 736,000 | | |
| Street microsurface/ crack sealing | | | 1,000,000 | | |
| Trail resurfacing | | | 170,000 | | |
| Street proj, Rdwd Dr, Cir, Ct & Keller Lake Dr | | | | 1,750,568 | |
| Street proj, AV 12th | | | | 1,855,242 | |
| Street proj, Rdwd Dr/ Whitney Pnd storm bypass | | | | 200,000 | |
| Street proj, Garden View Dr - CR 42 to Whitney | | | | 1,630,040 | |
| Trail rehabilitation | | | | 81,000 | |
| Street microsurface/ crack sealing | | | | 1,530,000 | |
| Street proj, AV 1st and 2nd | | | | | 3,950,000 |
| Street proj, Newell Dr. & Newell Cir | | | | | 484,223 |
| Street overlay/resurfacing | | | | | 78,000 |
| Street microsurface/ crack sealing | | | | | 1,178,000 |
| Total Use of Funds | \$ 7,399,855 | \$ 8,333,500 | \$ 6,345,031 | \$ 7,046,850 | \$ 5,690,223 |
| Net Change | \$ (707,075) | \$ (799,425) | \$ (310,180) | \$ 505,001 | \$ 499,777 |
| Beginning Fund Balance | \$ (4,000,000) | \$ (4,707,075) | \$ (5,506,500) | \$ (5,816,680) | \$ (5,311,679) |
| Ending Fund Balance | \$ (4,707,075) | \$ (5,506,500) | \$ (5,816,680) | \$ (5,311,679) | \$ (4,811,902) |

Park Dedication Fund

Fund Description

Apple Valley's subdivision ordinance require subdivision applicants to dedicate a reasonable portion of land within the development to the public to address infrastructure needs created by the development. In lieu of this dedication of land the City may accept a cash fee for some costs of development.

Background

Cash payments received must be placed in a special fund to be used only for the purposes for which the money was obtained. Cash payments received must be used only for the acquisition and development or improvement of parks, recreational facilities, playgrounds, trails, wetlands, or open space based on the approved park systems plan.

Source of Funds

The fund receives its revenues from two primary sources; cash payments received from developers and investment earnings.

Use of Funds

Funds are used for the acquisition and development or improvement of parks, recreational facilities, playgrounds, trails, wetlands, or open space. Cash payments may not be used for ongoing operation or maintenance of parks, recreational facilities, playgrounds, trails, wetlands, or open space.

Fund Outlook

The Park Dedication Fund has recovered and is projected to have a balance in the fund of \$929,000 at the end of 2015.

The 2016-2020 CIP includes:

- The remaining assessments on the property purchases for the Kelley Park expansion which will retire in 2022. The payoff balance at 12-31-15 is \$150,913 which could be paid off early and save approximately 34,000 in interest charges.;
- Assessments related to the extension of 157th St West of Pilot Knob in 2016 abutting Quarry Point Park
- Development of Cortland Park
- Development of Kelley Park
- Extension of sewer services to Johnny Cake Ridge Park East from 142nd St

Financial Analysis: Park Dedication Fund

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|---|-------------------|---------------------|-------------------|-------------------|---------------------|-------------------|--------------------|
| Source of Funds | | | | | | | |
| Dedication Fees received | \$ 426,319 | \$ 271,674 | \$ 162,000 | \$ 162,000 | \$ 162,000 | \$ 162,000 | \$ 162,000 |
| Investment Earnings | 11,600 | 13,500 | 1,100 | 2,700 | 4,500 | 3,100 | 4,900 |
| Total Source of Funds | \$ 437,919 | \$ 285,174 | \$ 163,100 | \$ 164,700 | \$ 166,500 | \$ 165,100 | \$ 166,900 |
| Use of Funds | | | | | | | |
| Parks | | | | | | | |
| Special Assessments from the Kelley Park Land | \$ 33,629 | \$ 32,155 | \$ 29,653 | \$ 28,240 | \$ 23,786 | \$ 22,556 | \$ 14,480 |
| Quarry Point Park field lighting | | | | | | | |
| 157th St extension - Quarry Point Park Frontage | \$ 250,000 | | | | | | |
| Cortland Park development | | 250,000 | | | | | |
| Kelley Park development | | 1,000,000 | | | | | |
| JCRP east sewer connection to 142nd St. | | | | | 250,000 | | |
| Huntington Park sewer connection | | | | | | | 250,000 |
| Total Use of Funds | \$ 283,629 | \$ 1,282,155 | \$ 29,653 | \$ 28,240 | \$ 273,786 | \$ 22,556 | \$ 264,480 |
| Net Change | \$ 154,290 | \$ (996,981) | \$ 133,447 | \$ 136,460 | \$ (107,286) | \$ 142,544 | \$ (97,580) |
| Beginning Cash/ Fund Balance | \$ 929,191 | \$ 1,083,481 | \$ 86,500 | \$ 219,947 | \$ 356,407 | \$ 249,121 | \$ 391,665 |
| Ending Cash/ Fund Balance | \$ 1,083,481 | \$ 86,500 | \$ 219,947 | \$ 356,407 | \$ 249,121 | \$ 391,665 | \$ 294,085 |

Water Utility Fund

Fund Description

The Water Utility provides high quality, safe and reliable drinking water.

Background

Water is derived from the operation of 20 municipal groundwater wells and pumped to a central water treatment plant. The existing capacity of the water treatment plant is 24 million gallons of water per day, which is sufficient to meet the future water demands of the city. The water distribution system consists of 240 miles of water main pipe and 5 reservoirs with a storage capacity of 12.7 million gallons. The current average daily demand is 6.8 million gallons.

Source of Funds

The fund receives nearly all of its revenue from the sale of water to customers within the City. The rates are structured so that the consumption charge increases as the use exceeds certain thresholds. This escalating rate structure is intended to encourage conservation.

Use of Funds

The utility is also responsible for the portion of the annual street maintenance project related to the water system; in 2016 and 2017 the budget includes \$1,371,000 and \$681,000 respectively for this purpose.

Fund Outlook

The next large expenditure of the utility will be the replacement of customer water meters, which is included in the years 2016 to 2019. The five year projection below assumes a 3% increase in the utility rates for 2016 and 2017, and 4% for the remaining years. One of the larger upcoming expenditures is the meter replacement program, included here at \$6 million over the next four years. Once the estimated costs and timing of the meter replacement program is determined rates may need to be adjusted in future years. The city is currently having a utility rate study completed and the results will be presented for inclusion in the 2017 budget.

Financial Analysis: Water Utility

| | 2016 Budget | 2017 Budget | 2018 estimate | 2019 estimate | 2020 estimate |
|---------------------------------------|---------------------|---------------------|---------------------|--------------------|-------------------|
| Revenues: | | | | | |
| Utility Charges | \$ 4,815,000 | \$ 4,958,100 | \$ 5,156,000 | \$ 5,362,000 | \$ 5,576,000 |
| Investment Earnings | 105,000 | 105,000 | \$ 39,000 | \$ 19,000 | \$ 4,000 |
| Other Revenues | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Total | 4,995,000 | 5,138,100 | 5,270,000 | 5,456,000 | 5,655,000 |
| Expenses: | | | | | |
| Personnel Services- Wages | 711,425 | 826,505 | 843,000 | 860,000 | 877,000 |
| Personnel Services- Benefits | 266,865 | 274,090 | 282,000 | 290,000 | 299,000 |
| Total Personnel Services | 978,290 | 1,100,595 | 1,125,000 | 1,150,000 | 1,176,000 |
| Supplies | 214,688 | 194,637 | 198,500 | 202,500 | 206,600 |
| Services | 239,806 | 250,213 | 255,200 | 260,300 | 265,500 |
| Utilities | 406,215 | 416,720 | 433,400 | 450,700 | 468,700 |
| Repairs & Maint | 223,365 | 219,455 | 223,800 | 228,300 | 232,900 |
| Other operating Costs | 268,740 | 278,985 | 284,600 | 290,300 | 296,100 |
| Items for resale | 20,000 | 20,000 | 20,400 | 20,800 | 21,200 |
| Depreciation | 1,104,000 | 1,131,600 | 1,189,368 | 1,203,646 | 1,385,646 |
| Non Capitalized Capital outlay | 247,000 | 154,000 | 162,500 | 146,000 | 166,000 |
| Transfers/Admin Fee to General Fund | 529,000 | 542,320 | 629,000 | 713,000 | 784,000 |
| Debt Service interest | 215,125 | 207,825 | 192,825 | 185,125 | 177,225 |
| Total Expense | 4,446,229 | 4,516,350 | 4,714,593 | 4,850,671 | 5,179,871 |
| Net Income (loss) | 548,771 | 621,750 | 555,407 | 605,329 | 475,129 |
| Addback Depreciation | 1,104,000 | 1,131,600 | 1,189,368 | 1,203,646 | 1,385,646 |
| Add Debt Issued | | - | | | |
| Less: Debt Service Principal | (370,000) | (380,000) | (385,000) | (395,000) | (400,000) |
| Less Capital Outlay -Meter Replacemen | (1,500,000) | (1,500,000) | (1,000,000) | (1,000,000) | |
| Less: Capital Outlay | (1,338,000) | (1,725,100) | (1,670,406) | (1,429,706) | (1,509,500) |
| Net use of cash | (1,555,229) | (1,851,750) | (1,310,631) | (1,015,731) | (48,725) |
| Beginning Cash Balance | 6,000,000 | 4,444,771 | 2,593,021 | 1,282,390 | 266,659 |
| Ending Cash Balance | \$ 4,444,771 | \$ 2,593,021 | \$ 1,282,390 | \$ 266,659 | \$ 217,934 |

Sanitary Sewer Fund

Fund Description

The Sanitary Sewer Utility provides wastewater service to 50,000 Apple Valley residents. The Sanitary Sewer Utility Fund operates and maintains the sanitary sewer conveyance system and delivers wastewater to the regional treatment plants operated by the Metropolitan Council Environmental Services (MCES).

Background

The sanitary sewer system consists of 193 miles of sanitary sewer mains and 9 sanitary lift stations. The system conveys the sewage to the regional wastewater treatment facilities operated by Metropolitan Council Environmental Services (MCES). The system conveys approximately 1.2 billion gallons of wastewater each year.

Source of Funds

The fund receives nearly all of its revenue from the sale of water to customers. The sanitary sewer charges are based on actual water usage for each individual property. The rates are structured so that the consumption charge increases as the use exceeds certain thresholds. This escalating rate structure is intended to encourage conservation.

Use of Funds

In addition to the personnel and maintenance costs of operating the utility the largest expense of the utility is the annual charge levied by the MCES for the treatment of wastewater based on the sanitary sewer flows from the City. The 2016 and 2017 budget includes \$2,633,000 and \$2,700,000 respectively for the treatment of wastewater by MCES. The utility is also responsible for the portion of the annual street maintenance project related to the sanitary sewer system, in 2016 and 2017 the budget includes \$1,210,000 and \$689,000 respectively for this purpose.

Fund Outlook

The working capital levels of the fund continue to be maintained at sufficient levels for the operation of the utility. The five year projection below assumes a 3% increase in the utility rates for 2016 and 2017, and 4% for the remaining years.

Financial Analysis: Sewer Utility

| | 2016 Budget | 2017 Budget | 2018 estimate | 2019 estimate | 2020 estimate |
|-------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Revenues: | | | | | |
| Utility Charges | \$ 5,129,000 | \$ 5,282,868 | \$ 5,494,000 | \$ 5,714,000 | \$ 5,943,000 |
| Investment Earnings | 105,000 | 105,000 | 85,000 | 79,000 | 79,000 |
| Other Revenues | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 |
| Total | 5,294,000 | 5,447,868 | 5,639,000 | 5,853,000 | 6,082,000 |
| Expenses: | | | | | |
| Personnel Services- Wages | 487,497 | 494,050 | 504,000 | 514,000 | 524,000 |
| Personnel Services- Benefits | 188,800 | 199,985 | 206,000 | 212,000 | 218,000 |
| Total Personnel Services | 676,297 | 694,035 | 710,000 | 726,000 | 742,000 |
| Supplies | 87,344 | 80,785 | 82,000 | 84,000 | 86,000 |
| Services | 115,880 | 78,405 | 80,000 | 82,000 | 84,000 |
| Utilities | 44,500 | 44,600 | 46,000 | 48,000 | 50,000 |
| Repairs & Maint | 109,620 | 103,895 | 106,000 | 108,000 | 110,000 |
| Other operating Costs | 260,920 | 272,845 | 278,000 | 284,000 | 290,000 |
| MCES Treatment | 2,633,000 | 2,700,000 | 2,781,000 | 2,864,000 | 2,950,000 |
| Depreciation | 536,000 | 577,000 | 657,000 | 725,000 | 779,000 |
| Non Capitalized Capital outlay | 10,000 | 29,000 | - | - | - |
| Transfers/Admin Fee to General Fund | 529,000 | 542,320 | 559,000 | 576,000 | 593,000 |
| Total Expenses | 5,002,561 | 5,122,885 | 5,299,000 | 5,497,000 | 5,684,000 |
| Net Income (loss) | 291,439 | 324,983 | 340,000 | 356,000 | 398,000 |
| Addback Depreciation | 536,000 | 577,000 | 657,000 | 725,000 | 779,000 |
| Subtract Capital Outlay | (494,000) | (1,591,000) | (1,351,145) | (1,080,545) | (938,100) |
| Net use of cash | 333,439 | (689,017) | (354,145) | 455 | 238,900 |
| Beginning Cash Balance | 6,000,000 | 6,333,439 | 5,644,422 | 5,290,277 | 5,290,732 |
| Ending Cash Balance | \$ 6,333,439 | \$ 5,644,422 | \$ 5,290,277 | \$ 5,290,732 | \$ 5,529,632 |

Storm Water Utility Fund

Fund Description

The Storm Water Utility Fund provides for the operation and maintenance of the City's storm water drainage system and the management of surface water bodies. A majority of expenses related to this activity relate to improvement projects to fulfill State and Federal mandates for pollutant load reduction to lakes, maintenance of the drainage system, and the drainage system costs related to the annual street maintenance program.

Background

The storm water sewer system consists of 193 miles of sewer pipe and 12 storm water lift stations.

Source of Funds

The fund receives nearly all of its revenue from storm water charges to customers on their utility bills. The rates are based on estimated runoff from impervious surfaces on each parcel. In 2011, the City issued \$2,600,000 of GO Storm water Utility Revenue bonds to fund a number of projects.

Use of Funds

The majority of the expenditures of the fund are used to address Federal or State mandates.

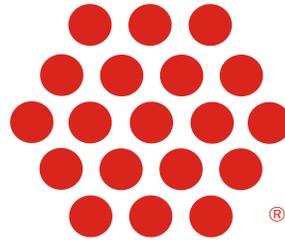
Fund Outlook

The five year projection below assumes an annual increase of 3% in the storm water rates. As additional mandates are created, negative pressure will be placed on the fund resources and additional rate increases may be needed.

Financial Analysis: Storm Water Utility

| | 2016 Budget | 2017 Budget | 2018 estimate | 2019 estimate | 2020 estimate |
|-------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Revenues: | | | | | |
| Utility Charges | \$ 1,580,000 | \$ 1,627,400 | \$ 1,676,000 | \$ 1,726,000 | \$ 1,778,000 |
| Investment Earnings | 32,000 | 32,000 | 26,000 | 33,000 | 28,000 |
| Other Revenues | 5,000 | 5,000 | 60,000 | 60,000 | 60,000 |
| Total | 1,617,000 | 1,664,400 | 1,762,000 | 1,819,000 | 1,866,000 |
| Expenses: | | | | | |
| Personnel Services- Wages | 189,890 | 194,655 | 199,000 | 203,000 | 207,000 |
| Personnel Services- Benefits | 47,050 | 47,550 | 49,000 | 50,000 | 52,000 |
| Total Personnel Services | 236,940 | 242,205 | 248,000 | 253,000 | 259,000 |
| Supplies | 21,445 | 27,470 | 28,000 | 29,000 | 30,000 |
| Services | 246,260 | 249,590 | 255,000 | 260,000 | 265,000 |
| Utilities | 12,800 | 13,300 | 14,000 | 14,000 | 14,000 |
| Repairs & Maint | 66,475 | 52,750 | 54,000 | 55,000 | 56,000 |
| Other operating Costs | 9,540 | 9,515 | 10,000 | 10,000 | 10,000 |
| Depreciation | 500,000 | 500,000 | 543,000 | 547,000 | 593,000 |
| Non Capitalized Capital outlay | 85,000 | 45,000 | 50,000 | 50,000 | 52,000 |
| Transfers/Admin Fee to General Fund | 332,500 | 339,660 | 350,000 | 361,000 | 372,000 |
| Debt Service - interest | 52,600 | 49,480 | 46,282 | 42,652 | 38,692 |
| Total Expenses | 1,563,560 | 1,528,970 | 1,598,282 | 1,621,652 | 1,689,692 |
| Net Income (loss) | 53,440 | 135,430 | 163,718 | 197,348 | 176,308 |
| Addback Depreciation | 500,000 | 500,000 | 543,000 | 547,000 | 593,000 |
| Less: Debt Service Principal | (155,000) | (160,000) | (165,000) | (165,000) | (170,000) |
| Less: Capital Outlay | (461,786) | (852,000) | (81,600) | (925,800) | (1,215,200) |
| Net use of cash | (63,346) | (376,570) | 460,118 | (346,452) | (615,892) |
| Beginning Cash Balance | 2,200,000 | 2,136,654 | 1,760,084 | 2,220,202 | 1,873,750 |
| Ending Cash Balance | \$ 2,136,654 | \$ 1,760,084 | \$ 2,220,202 | \$ 1,873,750 | \$ 1,257,858 |

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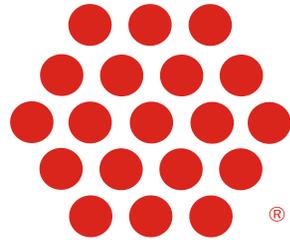


**Apple
Valley**

**CITY OF APPLE VALLEY
CAPITAL IMPROVEMENTS PROGRAM
2016-2020**

**Section 3
5 Year CIP Tables**

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**Apple
Valley**

**CITY OF APPLE VALLEY
CAPITAL IMPROVEMENTS PROGRAM
2016-2020**

**2016
Projects**

**City of Apple Valley
Capital Improvements Program 2016-2020
2016 Projects**

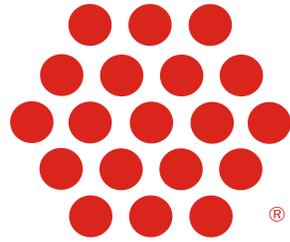
| Dept | Project Name | General Fund | Municipal Building Fund | Ice Arena | Golf | Liquor | Other Sources | Total Funding |
|---|---|-------------------|-------------------------|------------------|------------------|------------------|-------------------|-------------------|
| Building and Facility Improvements | | | | | | | | |
| Fire | Fire Station 1 day room floor | \$ 11,000 | | | | | | \$ 11,000 |
| Fire | Fire Station monument sign | \$ 16,345 | | | | | | \$ 16,345 |
| Parks | Hayes Arena compressor | | | \$ 15,000 | | | | \$ 15,000 |
| Parks | Comm Cntr ceiling tiles | \$ 5,000 | | | | | | \$ 5,000 |
| Parks | Comm Cntr lobby improvements | | \$ 25,000 | | | | | \$ 25,000 |
| Parks | Comm Cntr office chairs | \$ 3,000 | | | | | | \$ 3,000 |
| Parks | Teen Cntr main room flooring | | \$ 15,000 | | | | | \$ 15,000 |
| Parks | Valleywood banquet/bar furniture | | | | \$ 7,000 | | | \$ 7,000 |
| Parks | Valleywood marquee sign | | | | \$ 35,000 | | | \$ 35,000 |
| Parks | Valleywood parking lot lights | | | | \$ 25,000 | | | \$ 25,000 |
| Parks | Valleywood parking lot overlay | | | | | | \$ 100,000 | \$ 100,000 |
| Parks | Aquatic Cntr building roof | | \$ 45,000 | | | | | \$ 45,000 |
| Parks | Redwood diving board | | \$ 15,000 | | | | | \$ 15,000 |
| Pub Wrks | CMF exterior doors | | \$ 6,500 | | | | | \$ 6,500 |
| Pub Wrks | CMF monument sign | | \$ 10,000 | | | | | \$ 10,000 |
| Pub Wrks | CMF Southfork vehicle storage flood sealing | \$ 8,500 | | | | | | \$ 8,500 |
| Pub Wrks | CMF west of office ground HVAC & cntrls | | \$ 115,000 | | | | | \$ 115,000 |
| | Subtotal | \$ 43,845 | \$ 231,500 | \$ 15,000 | \$ 67,000 | | \$ 100,000 | \$ 457,345 |
| Capital Technology | | | | | | | | |
| Fire | Fire Station security cameras | \$ 25,657 | | | | | | \$ 25,657 |
| Info Tech | IT public safety laptops | \$ 60,000 | | | | | | \$ 60,000 |
| Info Tech | IT servers, networking, pc's, etc. | \$ 66,900 | | | | | | \$ 66,900 |
| Info Tech | IT software & network licenses | \$ 132,680 | | | | | | \$ 132,680 |
| Liquor | Liquor Store security cameras and DVR's | | | | | \$ 26,000 | | \$ 26,000 |
| | Subtotal | \$ 285,237 | | | | \$ 26,000 | | \$ 311,237 |

City of Apple Valley
Capital Improvements Program 2016-2020
2016 Projects

| Dept | Project Name | General Fund | VERF Charges - (Internal Service Fund) | Equip / VERF Expense | Ice Arena | Golf | Storm Drainage Utility | Grant Funding | Total Funding |
|--|---|-------------------|---|----------------------|------------------|------------------|------------------------|-------------------|---------------------|
| Fleet Vehicles and Equipment (appendix B) | | | | | | | | | |
| Com Dev | Code Enforcement VERF charge | | \$ 2,540 | | | | | | \$ 2,540 |
| Com Dev | Code Enforcement vehicles & equipment | | | | | | | | \$ - |
| Fire | Fire vehicles & equipment | | | \$ 530,000 | | | | | \$ 530,000 |
| Fire | Fire VERF charge | | \$ 286,300 | | | | | | \$ 286,300 |
| Muni Cntr | Municipal Center vehicles & equipment | | | | | | | | \$ - |
| Muni Cntr | Municipal Center VERF charge | | \$ 2,620 | | | | | | \$ 2,620 |
| Parks | Hayes Arena Zamboni batteries | | | | \$ 10,000 | | | | \$ 10,000 |
| Parks | Valleywood cart lease annual payment | | | | | \$ 40,000 | | | \$ 40,000 |
| Parks | Valleywood vehicles & equipment | | | | | \$ 50,000 | | | \$ 50,000 |
| Parks | Parks Maint deep tine aerator | \$ 26,000 | | | | | | | \$ 26,000 |
| Parks | Parks Maint sod cutter # 260 | \$ 4,500 | | | | | | | \$ 4,500 |
| Parks | Parks Maint vehicles & equipment | | | \$ 513,600 | | | | | \$ 513,600 |
| Parks | Parks Maint VERF charge | | \$ 207,755 | | | | | | \$ 207,755 |
| Police | Police vehicles & equipment | | | \$ 65,000 | | | | | \$ 65,000 |
| Police | Police VERF charge | | \$ 196,870 | | | | | | \$ 196,870 |
| Pub Wrks | Engineering vehicles & equipment | | | | | | | | \$ - |
| Pub Wrks | Engineering VERF charge | | \$ 4,760 | | | | | | \$ 4,760 |
| Pub Wrks | Fleet Maint vehicles & equipment | | | \$ - | | | | | \$ - |
| Pub Wrks | Fleet Maint VERF charge | | \$ 5,400 | \$ - | | | | | \$ 5,400 |
| Pub Wrks | Building Inspections vehicles & equipment | | | | | | | | \$ - |
| Pub Wrks | Building Inspections VERF charge | | \$ 5,660 | | | | | | \$ 5,660 |
| Pub Wrks | Natural Resources vehicles & equipment | | | | | | | | \$ - |
| Pub Wrks | Natural Resources VERF charge | | \$ 4,450 | | | | | | \$ 4,450 |
| Pub Wrks | Streets vehicles & equipment | | | \$ 527,000 | | | | | \$ 527,000 |
| Pub Wrks | Streets VERF charge | | | | | | | | \$ - |
| Pub Wrks | Water & Sewer vehicles & equipment | | | | | | | | \$ - |
| | Subtotal | \$ 30,500 | \$ 716,355 | \$ 1,635,600 | \$ 10,000 | \$ 90,000 | | | \$ 2,482,455 |
| Parks, Playgrounds, Paths, Open Space | | | | | | | | | |
| Parks | Valleywood cart path overlays | | | | | \$ 15,000 | | | \$ 15,000 |
| Parks | Park reforestation | \$ 10,000 | | | | | | | \$ 10,000 |
| Parks | Park, Kelley playground tiles | \$ 65,000 | | | | | | | \$ 65,000 |
| Parks | Park trail overlays | \$ 30,000 | | | | | | | \$ 30,000 |
| | Subtotal | \$ 105,000 | | | | \$ 15,000 | | | \$ 120,000 |
| Ponds, Natural Resources, and Environment | | | | | | | | | |
| Pub Wrks | Cobblestone StormCeptor access mods | | | | | | \$ 25,000 | | \$ 25,000 |
| Pub Wrks | EVR-P12 iron enhanced filter | | | | | | \$ 191,786 | \$ 158,214 | \$ 350,000 |
| Pub Wrks | Pond easement acquisition | | | | | | \$ 15,000 | | \$ 15,000 |
| Pub Wrks | Storm pond sediment removal | | | | | | \$ 45,000 | | \$ 45,000 |
| | Subtotal | | | | | | \$ 276,786 | \$ 158,214 | \$ 435,000 |

City of Apple Valley
Capital Improvements Program 2016-2020
2016 Projects

| Dept | Project Name | General Fund | EDA /TIF Funding | Park Dedication | Liquor | Special Assessments | Water Utility | San. Sewer Utility | Storm Drainage Utility | Street Light Utility | Road Improvement Fund | Municipal State Aid | Cemetery Fund | Grant & Other Govt | Total Funding |
|--|--|---------------------|-------------------|-------------------|-----------------|---------------------|---------------------|--------------------|------------------------|----------------------|-----------------------|---------------------|------------------|--------------------|---------------------|
| Street and Utility Improvements | | | | | | | | | | | | | | | |
| Pub Wrks | Cemetery Assessment for Embry Way | | | | | | | | | | | | \$ 85,000 | | \$ 85,000 |
| Pub Wrks | City signal 140th @ Galaxie | | | | | | | | | | | \$ 68,000 | | | \$ 68,000 |
| Pub Wrks | Street project G/F levy allocation | \$ 3,028,200 | | | | | | | | | \$ (3,028,200) | | | | \$ - |
| Pub Wrks | Street proj. Palomino Hills 4th | | | | | | \$ 563,000 | \$ 494,000 | \$ 185,000 | | \$ 1,373,000 | | | | \$ 2,615,000 |
| Pub Wrks | Street proj. Central Village parking lot | | \$ 273,048 | | | | | | | | \$ 1,113,000 | | | \$ 83,396 | \$ 356,444 |
| Pub Wrks | Street proj. Longridge 1st Addn | | | | | | \$ 52,000 | | | | \$ 106,000 | | | | \$ 1,165,000 |
| Pub Wrks | Street proj. Hamburg Ct | | | | | | | | | | \$ 25,000 | | | | \$ 106,000 |
| Pub Wrks | Street proj. Farquar Lake boat ramp | | | | | | | | | | \$ 7,500 | | | | \$ 25,000 |
| Pub Wrks | Street proj. Palomino Reservoir driveway | | | | | | | | | | \$ 175,000 | | | | \$ 7,500 |
| Pub Wrks | Street proj. Valleywood parking lot | | | | | | | | | | | | | | \$ 175,000 |
| Pub Wrks | Street proj. Liquor Store 3 parking lot | | | | \$ 5,000 | | | | | | | | | | \$ 5,000 |
| Pub Wrks | Street proj. 157th & JCRR extension | \$ 600,000 | | \$ 250,000 | | \$ 542,580 | | | | | | \$ 300,000 | | | \$ 1,692,580 |
| Pub Wrks | Street proj. CSAH 38 w DC | | | | | | | | | | | \$ 75,000 | | | \$ 75,000 |
| Pub Wrks | Street overlay/resurfacing - 151st St | | | | | | | | | | \$ 84,000 | | | | \$ 84,000 |
| Pub Wrks | Street overlay/resurfacing - Falcon Ridge Tr | | | | | | | | | | \$ 56,000 | | | | \$ 56,000 |
| Pub Wrks | Street microsurface/ crack sealing | | | | | | | | | | \$ 460,000 | \$ 535,000 | | | \$ 995,000 |
| Finance | Subdivision improvements | | | | | \$ 100,000 | | | | | | | | | \$ 100,000 |
| Pub Wrks | Trail CSAH 42 south side CSAH 31 to Dundee | | | | | | | | | | \$ 94,950 | | | \$ 116,050 | \$ 211,000 |
| Pub Wrks | Trail CSAH 42 south side Rdwd Dr to Elm Dr | | | | | | | | | | \$ 16,335 | | | \$ 19,965 | \$ 36,300 |
| Pub Wrks | Trail 140th St n & s sides Galaxie to JCRR | | | | | | | | | | \$ 116,490 | | | | \$ 116,490 |
| Pub Wrks | Trail 157th St Greenway ped underpass | | | | | | | | | | \$ 108,000 | | | \$ 770,000 | \$ 878,000 |
| | Subtotal | \$ 3,028,200 | \$ 873,048 | \$ 250,000 | \$ 5,000 | \$ 642,580 | \$ 615,000 | \$ 494,000 | \$ 185,000 | | \$ 707,075 | \$ 978,000 | \$ 85,000 | \$ 989,411 | \$ 8,852,314 |
| Utility Infrastructure Preservation | | | | | | | | | | | | | | | |
| Pub Wrks | Ring Route street light painting | | | | | | | | | \$ 8,500 | | | | | \$ 8,500 |
| Pub Wrks | Lift Station, Sanitary No. 5 Design | | | | | | | | \$ 45,000 | | | | | | \$ 45,000 |
| Pub Wrks | Lift Station, Storm No. 3 (Farquar) Design | | | | | | | | \$ 40,000 | | | | | | \$ 40,000 |
| Pub Wrks | Well Maint Wells 5, 10 and 14 | | | | | | \$ 131,000 | | | | | | | | \$ 131,000 |
| Pub Wrks | WTP Pump Maint - LZP2 | | | | | | \$ 14,000 | | | | | | | | \$ 14,000 |
| Pub Wrks | Water Reservoir Maint Valleywood | | | | | | \$ 525,000 | | | | | | | | \$ 525,000 |
| Pub Wrks | Water meter system replacement 1 of 4 | | | | | | \$ 1,500,000 | | | | | | | | \$ 1,500,000 |
| Pub Wrks | Well Maint Well 16 Recommissioning | | | | | | \$ 200,000 | | | | | | | | \$ 200,000 |
| Pub Wrks | Water Longridge/Harwell corrosion inspection | | | | | | \$ 25,000 | | | | | | | | \$ 25,000 |
| Pub Wrks | Water Eagan intercommunity flow meter | | | | | | | \$ 10,000 | | | | | | | \$ 10,000 |
| Pub Wrks | Gate valve replacements | | | | | | \$ 25,000 | | | | | | | | \$ 25,000 |
| | Subtotal | | | | | | \$ 2,420,000 | \$ 10,000 | \$ 85,000 | \$ 8,500 | | | | | \$ 2,523,500 |



**Apple
Valley**

**CITY OF APPLE VALLEY
CAPITAL IMPROVEMENTS PROGRAM
2016-2020**

**2017
Projects**

City of Apple Valley
Capital Improvements Program 2016-2020
2017 Projects

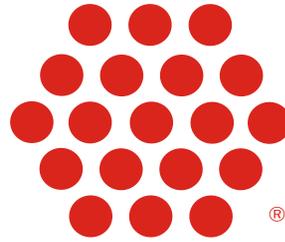
| Dept | Project Name | General Fund | Municipal Building Fund | Ice Arena | Golf | Liquor | Cemetery Fund | Other Sources | Total Funding |
|---|--|-------------------|-------------------------|------------------|------------------|------------------|-------------------|------------------|-------------------|
| Building and Facility Improvements | | | | | | | | | |
| Fire | Fire Station monument signs | \$ 25,459 | | | | | | | \$ 25,459 |
| Liquor | Liquor Store 3 ground sign | | | | | \$ 75,000 | | | \$ 75,000 |
| Muni Cntr | Municipal Center bathroom counters | | \$ 10,000 | | | | | | \$ 10,000 |
| Parks | Hayes Arena compressor | | | \$ 15,000 | | | | | \$ 15,000 |
| Parks | Hayes Arena LED lighting | | | \$ 35,000 | | | | | \$ 35,000 |
| Parks | Sports Arena LED lighting | | | \$ 17,500 | | | | \$ 17,500 | \$ 35,000 |
| Parks | Comm Cntr carpet | | \$ 50,000 | | | | | | \$ 50,000 |
| Parks | Comm Cntr ceiling tiles (repairs) | \$ 5,000 | | | | | | | \$ 5,000 |
| Parks | Comm Cntr front counter glass enclosure | | \$ 12,000 | | | | | | \$ 12,000 |
| Parks | Comm Cntr interior painting | | \$ 25,000 | | | | | | \$ 25,000 |
| Parks | Comm Cntr lobby and hallway lighting | | \$ 10,000 | | | | | | \$ 10,000 |
| Parks | Comm Cntr sport court gym flooring | | \$ 100,000 | | | | | | \$ 100,000 |
| Parks | Senior Cntr banquet chairs | \$ 15,000 | | | | | | | \$ 15,000 |
| Parks | Valleywood banquet/bar/patio furniture | | | | \$ 7,000 | | | | \$ 7,000 |
| Parks | Valleywood ceremony chairs | | | | \$ 5,000 | | | | \$ 5,000 |
| Parks | Valleywood clubhouse & exterior lighting | | | | \$ 10,000 | | | | \$ 10,000 |
| Parks | Valleywood dance floor | | | | \$ 4,000 | | | | \$ 4,000 |
| Parks | Aquatic Cntr bathhouse floor resurfacing | | \$ 40,000 | | | | | | \$ 40,000 |
| Parks | Aquatic Cntr coolers and freezers | \$ 13,000 | | | | | | | \$ 13,000 |
| Parks | Aquatic Cntr Diamond Bright lap lanes | | \$ 80,000 | | | | | | \$ 80,000 |
| Parks | Aquatic Cntr rental cabanas | \$ 16,000 | | | | | | | \$ 16,000 |
| Parks | Redwood building improvements | | \$ 20,000 | | | | | | \$ 20,000 |
| Pub Wrks | CMF roof section | | \$ 30,000 | | | | | | \$ 30,000 |
| Pub Wrks | CMF Streets Foreman offices | | \$ 7,500 | | | | | | \$ 7,500 |
| Pub Wrks | CMF Vehicle Storage floor | | \$ 32,500 | | | | | | \$ 32,500 |
| Pub Wrks | Cemetery acquired property site grading | | | | | | \$ 100,000 | | \$ 100,000 |
| | Subtotal | \$ 74,459 | \$ 417,000 | \$ 67,500 | \$ 26,000 | \$ 75,000 | \$ 100,000 | \$ 17,500 | \$ 777,459 |
| Capital Technology | | | | | | | | | |
| Info Tech | IT public safety laptops | \$ 60,000 | | | | | | | \$ 60,000 |
| Info Tech | IT servers, networking, pc's, etc. | \$ 89,200 | | | | | | | \$ 89,200 |
| Info Tech | IT software & network licenses | \$ 137,880 | | | | | | | \$ 137,880 |
| Parks | Comm Cntr meeting room TVs | \$ 5,000 | | | | | | | \$ 5,000 |
| Parks | Valleywood A/V equipment | | | | \$ 15,000 | | | | \$ 15,000 |
| Parks | Aquatic Cntr POS system | \$ 15,000 | | | | | | | \$ 15,000 |
| | Subtotal | \$ 307,080 | | | \$ 15,000 | | | | \$ 322,080 |

City of Apple Valley
Capital Improvements Program 2016-2020
2017 Projects

| Dept | Project Name | General Fund | VERF Charges - (Internal Service | Equip / VERF Expense | Municipal Building Fund | Park Dedication | Ice Arena | Golf | Water Utility | San. Sewer Utility | Storm Drainage Utility | Other Sources | Total Funding |
|--|---|------------------|-------------------------------------|-------------------------|----------------------------|---------------------|------------------|-------------------|------------------|-----------------------|---------------------------|-------------------|---------------------|
| Fleet Vehicles and Equipment (appendix B) | | | | | | | | | | | | | |
| Com Dev | Code Enforcement VERF Charge | | \$ 2,540 | | | | | | | | | | \$ 2,540 |
| Com Dev | Code Enforcement vehicles & equipment | | | | | | | | | | | | \$ - |
| Fire | Fire vehicles & equipment | | | \$ 270,600 | | | | | | | | | \$ 270,600 |
| Fire | Fire VERF charge | | \$ 292,100 | | | | | | | | | | \$ 292,100 |
| Muni Cntr | Municipal Center vehicles & equipment | | | | | | | | | | | | \$ - |
| Muni Cntr | Municipal Center VERF charge | | \$ 2,620 | | | | | | | | | | \$ 2,620 |
| Parks | Hayes Arena lift | | | | | | \$ 12,000 | | | | | | \$ 12,000 |
| Parks | Sports Arena ice edger | | | | | | \$ 3,500 | | | | | \$ 3,500 | \$ 7,000 |
| Parks | Valleywood cart lease annual payment | | | | | | | \$ 35,000 | | | | | \$ 35,000 |
| Parks | Valleywood vehicles & equipment | | | | | | | \$ 125,000 | | | | | \$ 125,000 |
| Parks | Parks Maint vehicles & equipment | | | \$ 476,300 | | | | | | | | | \$ 476,300 |
| Parks | Parks Maint VERF charge | | \$ 212,950 | | | | | | | | | | \$ 212,950 |
| Police | Police vehicles & equipment | | | \$ 114,800 | | | | | | | | | \$ 114,800 |
| Police | Police VERF charge | | \$ 196,870 | | | | | | | | | | \$ 196,870 |
| Pub Wrks | Engineering vehicles & equipment | | | | | | | | | | | | \$ - |
| Pub Wrks | Engineering VERF charge | | \$ 4,760 | | | | | | | | | | \$ 4,760 |
| Pub Wrks | Fleet Maint vehicle (353) | | | | | | | | | | | | \$ - |
| Pub Wrks | Fleet Maint vehicles & equipment | | | | | | | | | | | | \$ - |
| Pub Wrks | Fleet Maint VERF charge | | \$ 5,550 | | | | | | | | | | \$ 5,550 |
| Pub Wrks | Building Inspections vehicles & equipment | | | | | | | | | | | | \$ - |
| Pub Wrks | Building Inspections VERF charge | | \$ 5,660 | | | | | | | | | | \$ 5,660 |
| Pub Wrks | Natural Resources vehicles & equipment | | | | | | | | | | | | \$ - |
| Pub Wrks | Natural Resources VERF charge | | \$ 4,450 | | | | | | | | | | \$ 4,450 |
| Pub Wrks | Streets vehicles & equipment | | | \$ 406,700 | | | | | | | | | \$ 406,700 |
| Pub Wrks | Streets VERF charge | | | | | | | | | | | | \$ - |
| Pub Wrks | Water & Sewer vehicles & equipment | | | | | | | | \$ 17,100 | | | | \$ 17,100 |
| Pub Wrks | Water & Sewer line camera | | | | | | | | | \$ 135,000 | | | \$ 135,000 |
| | Subtotal | | \$ 727,500 | \$ 1,268,400 | | | \$ 15,500 | \$ 160,000 | \$ 17,100 | \$ 135,000 | | \$ 3,500 | \$ 2,327,000 |
| Parks, Playgrounds, Paths, Open Space | | | | | | | | | | | | | |
| Parks | Park, Cortland development | | | | | | \$ 250,000 | | | | | | \$ 250,000 |
| Parks | Park, Kelley development | | | | | \$ 1,000,000 | | | | | | | \$ 1,000,000 |
| Parks | Park reforestation | \$ 10,000 | | | | | | | | | | | \$ 10,000 |
| Parks | Park, JCRPW fence between soccer fields | \$ 20,000 | | | | | | | | | | | \$ 20,000 |
| Parks | Park, Valley Middle bldg roof | | | | \$ 55,000 | | | | | | | | \$ 55,000 |
| Parks | Park, AV East ice rink | \$ 12,000 | | | | | | | | | | | \$ 12,000 |
| Parks | Greenway underpasses | | | | | | | | | | | \$ 600,000 | \$ 600,000 |
| Parks | Park trail overlays | \$ 30,000 | | | | | | | | | | | \$ 30,000 |
| | Subtotal | \$ 72,000 | | | \$ 55,000 | \$ 1,250,000 | | | | | | \$ 600,000 | \$ 1,977,000 |
| Ponds, Natural Resources, and Environment | | | | | | | | | | | | | |
| Pub Wrks | Pond easement acquisition | | | | | | | | | | \$ 50,000 | | \$ 50,000 |
| Pub Wrks | Storm pond sediment removal | | | | | | | | | | \$ 45,000 | | \$ 45,000 |
| | Subtotal | | | | | | | | | | \$ 95,000 | | \$ 95,000 |

City of Apple Valley
Capital Improvements Program 2016-2020
2017 Projects

| Dept | Project Name | General Fund | Special Assessments | Water Utility | San. Sewer Utility | Storm Drainage Utility | Street Light Utility | Road Improvement | Municipal State Aid | Other Govt | Other Sources | Total Funding |
|--|---|---------------------|---------------------|---------------------|--------------------|------------------------|----------------------|-------------------|---------------------|-------------------|---------------------|----------------------|
| Street and Utility Improvements | | | | | | | | | | | | |
| Pub Wrks | DC signal CR 42 @ Garden View Dr | | | | | | | | \$ 175,000 | \$ 225,000 | | \$ 400,000 |
| Pub Wrks | DC signal CR 42 @ Hayes | | | | | | | | \$ 135,000 | \$ 200,000 | | \$ 335,000 |
| Pub Wrks | DC signal CR 42 @ Pennock | | | | | | | | \$ 175,000 | \$ 225,000 | | \$ 400,000 |
| Pub Wrks | DC signal CR 42 @ Elm | | | | | | | | \$ 175,000 | TBD | | \$ 175,000 |
| Pub Wrks | Street project G/F levy allocation | \$ 3,138,100 | | | | | | \$ (3,138,100) | | | | \$ - |
| Pub Wrks | Street proj, Palomino Hills 3rd & 4th | | | \$ 815,000 | \$ 640,000 | \$ 195,000 | \$ 25,000 | \$ 2,104,000 | | | | \$ 3,779,000 |
| Pub Wrks | Street proj, JCRR, Lapaz 2nd | | | \$ 118,000 | \$ 115,000 | \$ 14,000 | | \$ 680,000 | \$ 1,780,000 | | | \$ 2,707,000 |
| Pub Wrks | Street proj, 133rd St Ct / 134th St Ct | | | | \$ 80,000 | \$ 15,000 | | \$ 950,000 | | | | \$ 1,045,000 |
| Pub Wrks | Street overlay/resurfacing | | | | | | | | \$ 450,000 | | | \$ 450,000 |
| Pub Wrks | Street microsurface/ crack sealing | | | | | | | \$ 125,000 | \$ 53,000 | | | \$ 178,000 |
| Pub Wrks | Pedestrian overpass Cedar @ 147th | | | | | | | | | | \$ 4,000,000 | \$ 4,000,000 |
| Finance | Subdivision improvements | | \$ 100,000 | | | | | | | | | \$ 100,000 |
| Pub Wrks | Trail CSAH 38 north side Hwy 77 to CR 11 | | | | | | | \$ 50,400 | | \$ 61,600 | | \$ 112,000 |
| Pub Wrks | Trail CSAH 42 north side CR 31 to CR 33 | | | | | | | \$ 28,125 | | \$ 34,375 | | \$ 62,500 |
| | Subtotal | \$ 3,138,100 | \$ 100,000 | \$ 933,000 | \$ 835,000 | \$ 224,000 | \$ 25,000 | \$ 799,425 | \$ 2,943,000 | \$ 745,975 | \$ 4,000,000 | \$ 13,743,500 |
| Utility Infrastructure Preservation | | | | | | | | | | | | |
| Pub Wrks | Ring Route street light painting | | | | | | \$ 8,500 | | | | | \$ 8,500 |
| Pub Wrks | Lift Station, Sanitary No. 5 Rehab | | | | \$ 650,000 | | | | | | | \$ 650,000 |
| Pub Wrks | Lift Station, Storm No. 3 (Farquar) Rehab | | | | | \$ 575,000 | | | | | | \$ 575,000 |
| Pub Wrks | Well Maint Wells 8 and 12 | | | \$ 130,000 | | | | | | | | \$ 130,000 |
| Pub Wrks | WTP Pump Maint - LZP3 | | | \$ 14,000 | | | | | | | | \$ 14,000 |
| Pub Wrks | Water meter system replacement 2 of 4 | | | \$ 1,500,000 | | | | | | | | \$ 1,500,000 |
| Pub Wrks | Water WM loop Havelock/Harwell | | | \$ 175,000 | | | | | | | | \$ 175,000 |
| Pub Wrks | Water Reservoir Maint | | | \$ 600,000 | | | | | | | | \$ 600,000 |
| Pub Wrks | Gate valve replacements | | | \$ 10,000 | | | | | | | | \$ 10,000 |
| | Subtotal | | | \$ 2,429,000 | \$ 650,000 | \$ 575,000 | \$ 8,500 | | | | | \$ 3,662,500 |



**Apple
Valley**

**CITY OF APPLE VALLEY
CAPITAL IMPROVEMENTS PROGRAM
2016-2020**

**2018
Projects**

City of Apple Valley
Capital Improvements Program 2016-2020
2018 Projects

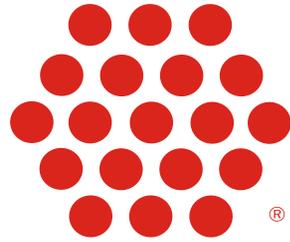
| Dept | Project Name | General Fund | Municipal Building Fund | Future Capital Projects Fund | GO/Revenue Bonds | Ice Arena | Liquor | Old City Hall Fund | Cemetery Fund | Total Funding |
|---|--|-------------------|-------------------------|------------------------------|---------------------|---------------------|------------------|---------------------|------------------|---------------------|
| Building and Facility Improvements | | | | | | | | | | |
| City Hall | City Hall boiler and HVAC | | | | | | | \$ 750,000 | | \$ 750,000 |
| City Hall | City Hall fire sprinkler protection | | | | | | | \$ 45,000 | | \$ 45,000 |
| City Hall | City Hall interior lighting | | | | | | | \$ 190,000 | | \$ 190,000 |
| City Hall | City Hall monument sign | | | | | | | \$ 60,000 | | \$ 60,000 |
| City Hall | City Hall power distribution equipment | | | | | | | \$ 200,000 | | \$ 200,000 |
| City Hall | City Hall residing and painting | | | | | | | \$ 50,000 | | \$ 50,000 |
| City Hall | City Hall retaining wall | | | | | | | \$ 15,000 | | \$ 15,000 |
| City Hall | City Hall roof (all sections) | | | | | | | \$ 260,000 | | \$ 260,000 |
| City Hall | City Hall sidewalk & pavement | | | | | | | \$ 15,000 | | \$ 15,000 |
| City Hall | City Hall windows | | | | | | | \$ 62,000 | | \$ 62,000 |
| Fire | Fire Station 1 apparatus bay floor | \$ 30,000 | | | | | | | | \$ 30,000 |
| Fire | Fire Station 3 apparatus bay floor | \$ 25,000 | | | | | | | | \$ 25,000 |
| Fire | Fire Station 4 construction | | | | \$ 3,000,000 | | | | | \$ 3,000,000 |
| Fire | Fire Station 4 land acquisition | | | \$ 500,000 | | | | | | \$ 500,000 |
| Muni Cntr | Municipal Center PD HVAC phase 1 | | \$ 60,000 | | | | | | | \$ 60,000 |
| Muni Cntr | DC Govt. Cntr parking lot overlay | | | \$ 120,000 | | | | | | \$ 120,000 |
| Parks | Hayes Arena ice plant R-22 system | | | | | \$ 200,000 | | | | \$ 200,000 |
| Parks | Sports Arena R-22 system | | | | | \$ 1,200,000 | | | | \$ 1,200,000 |
| Parks | Comm Cntr flooring various rooms | | \$ 35,000 | | | | | | | \$ 35,000 |
| Parks | Comm Cntr hardwood gym curtain | \$ 30,000 | | | | | | | | \$ 30,000 |
| Parks | Comm Cntr restroom/locker room flooring | | \$ 15,000 | | | | | | | \$ 15,000 |
| Parks | Comm Cntr restroom/locker room partitions | | \$ 15,000 | | | | | | | \$ 15,000 |
| Parks | Senior Cntr interior painting high traffic | | \$ 15,000 | | | | | | | \$ 15,000 |
| Parks | Teen Cntr minor improvements | \$ 10,000 | | | | | | | | \$ 10,000 |
| Parks | Aquatic Cntr funbrellas | \$ 20,000 | | | | | | | | \$ 20,000 |
| Parks | Aquatic Cntr waterslide | | \$ 150,000 | | | | | | | \$ 150,000 |
| Parks | Redwood building improvements | | \$ 20,000 | | | | | | | \$ 20,000 |
| Pub Wrks | CMF North & West Lot chip seal | | \$ 15,000 | | | | | | | \$ 15,000 |
| Pub Wrks | CMF overhead doors | | \$ 22,000 | | | | | | | \$ 22,000 |
| Pub Wrks | CMF restrooms | | \$ 20,000 | | | | | | | \$ 20,000 |
| Pub Wrks | CMF Streets/Shop roof | | \$ 27,000 | | | | | | | \$ 27,000 |
| Pub Wrks | CMF windows, doors, OH doors | | \$ 16,000 | | | | | | | \$ 16,000 |
| Pub Wrks | Cemetery boundary fence | | | | | | | | \$ 95,000 | \$ 95,000 |
| Pub Wrks | CMF CoRayVac program thermostat cntrl | | \$ 6,000 | | | | | | | \$ 6,000 |
| | Subtotal | \$ 115,000 | \$ 416,000 | \$ 620,000 | \$ 3,000,000 | \$ 1,400,000 | | \$ 1,647,000 | \$ 95,000 | \$ 7,293,000 |
| Capital Technology | | | | | | | | | | |
| Info Tech | IT servers, networking, pc's, etc. | \$ 90,000 | | | | | | | | \$ 90,000 |
| Info Tech | IT software & network licenses | \$ 140,000 | | | | | | | | \$ 140,000 |
| Info Tech | IT special projects | \$ 70,000 | | | | | | | | \$ 70,000 |
| Liquor | Liquor Store security cameras | | | | | | \$ 12,000 | | | \$ 12,000 |
| Parks | Comm Cntr rental room audio/visual equip | \$ 10,000 | | | | | | | | \$ 10,000 |
| Parks | Senior Cntr audio/visual equipment | \$ 20,000 | | | | | | | | \$ 20,000 |
| Police | Police radios | \$ 90,000 | | | | | | | | \$ 90,000 |
| | Subtotal | \$ 420,000 | | | | | \$ 12,000 | | | \$ 432,000 |

**City of Apple Valley
Capital Improvements Program 2016-2020
2018 Projects**

| Dept | Project Name | General Fund | VERF Charges - (Internal Service Fund) | Equip / VERF Expense | Golf | Water Utility | San. Sewer Utility | Storm Drainage Utility | Other Sources | Total Funding |
|--|---|------------------|---|-------------------------|-------------------|------------------|-----------------------|---------------------------|-------------------|---------------------|
| Fleet Vehicles and Equipment (appendix B) | | | | | | | | | | |
| Com Dev | Code Enforcement VERF Charge | | \$ 2,600 | | | | | | | \$ 2,600 |
| Com Dev | Code Enforcement vehicles & equipment | | | | | | | | | \$ - |
| Fire | Fire vehicles & equipment | | | \$ 520,100 | | | | | | \$ 520,100 |
| Fire | Fire VERF charge | | \$ 299,400 | | | | | | | \$ 299,400 |
| Muni Cntr | Municipal Center vehicles & equipment | | | | | | | | | \$ - |
| Muni Cntr | Municipal Center VERF charge | | \$ 2,680 | | | | | | | \$ 2,680 |
| Parks | Valleywood cart lease annual payment | | | | \$ 35,000 | | | | | \$ 35,000 |
| Parks | Valleywood vehicles & equipment | | | | \$ 210,000 | | | | | \$ 210,000 |
| Parks | Parks Maint vehicles & equipment | | | \$ 231,100 | | | | | | \$ 231,100 |
| Parks | Parks Maint VERF charge | | \$ 218,300 | | | | | | | \$ 218,300 |
| Police | Police vehicles & equipment | | | \$ 108,300 | | | | | | \$ 108,300 |
| Police | Police VERF charge | | \$ 201,800 | | | | | | | \$ 201,800 |
| Pub Wrks | Engineering vehicles & equipment | | | | | | | | | \$ - |
| Pub Wrks | Engineering VERF charge | | \$ 4,880 | | | | | | | \$ 4,880 |
| Pub Wrks | Streets wire feed welder | \$ 9,500 | | | | | | | | \$ 9,500 |
| Pub Wrks | Fleet Maint vehicles & equipment | | | | | | | | | \$ - |
| Pub Wrks | Fleet Maint VERF charge | | \$ 5,690 | | | | | | | \$ 5,690 |
| Pub Wrks | Building Inspections vehicles & equipment | | | | | | | | | \$ - |
| Pub Wrks | Building Inspections VERF charge | | \$ 5,800 | | | | | | | \$ 5,800 |
| Pub Wrks | Natural Resources vehicles & equipment | | | \$ 24,400 | | | | | | \$ 24,400 |
| Pub Wrks | Natural Resources VERF charge | | \$ 4,560 | | | | | | | \$ 4,560 |
| Pub Wrks | Storm Utility vehicles & equipment | | | | | | | | | \$ - |
| Pub Wrks | Streets vehicles & equipment | | | \$ 519,000 | | | | | | \$ 519,000 |
| Pub Wrks | Streets VERF charge | | | | | | | | | \$ - |
| Pub Wrks | Water & Sewer vehicles & equipment | | | | | \$ 35,700 | \$ 551,600 | | | \$ 587,300 |
| | Subtotal | \$ 9,500 | \$ 745,710 | \$ 1,402,900 | \$ 245,000 | \$ 35,700 | \$ 551,600 | | | \$ 2,990,410 |
| Parks, Playgrounds, Paths, Open Space | | | | | | | | | | |
| Parks | Park, neighborhood backstops (5) | \$ 13,000 | | | | | | | | \$ 13,000 |
| Parks | Park reforestation | \$ 10,000 | | | | | | | | \$ 10,000 |
| Parks | Park, Valley Middle ice rink | \$ 15,000 | | | | | | | | \$ 15,000 |
| Parks | Greenway underpasses | | | | | | | | \$ 600,000 | \$ 600,000 |
| Parks | Park trail overlays | \$ 40,000 | | | | | | | | \$ 40,000 |
| | Subtotal | \$ 78,000 | | | | | | | \$ 600,000 | \$ 678,000 |
| Ponds, Natural Resources, and Environment | | | | | | | | | | |
| Pub Wrks | Storm pond sediment removal | | | | | | | \$ 50,000 | | \$ 50,000 |
| | Subtotal | | | | | | | \$ 50,000 | | \$ 50,000 |

City of Apple Valley
Capital Improvements Program 2016-2020
2018 Projects

| Dept | Project Name | General Fund | Special Assessments | Water Utility | San. Sewer Utility | Storm Drainage Utility | Street Light Utility | Road Improvement | Municipal State Aid | Other Govt | Total Funding |
|--|--|---------------------|---------------------|---------------------|--------------------|------------------------|----------------------|-------------------|---------------------|-------------------|---------------------|
| Street and Utility Improvements | | | | | | | | | | | |
| Pub Wrks | Street project G/F levy allocation | \$ 3,213,000 | | | | | | \$ (3,213,000) | | | \$ - |
| Pub Wrks | Street proj, Apple Valley 11th | | | \$ 562,706 | \$ 499,545 | \$ 31,600 | | \$ 1,853,180 | | | \$ 2,947,031 |
| Pub Wrks | Street proj, Cimmarron Rd | | | | | | | \$ 275,000 | | | \$ 275,000 |
| Pub Wrks | Street proj, North and South Surrey Trail | | | \$ 367,000 | \$ 300,000 | \$ 50,000 | | \$ 500,000 | | | \$ 1,217,000 |
| Pub Wrks | Street overlay/resurfacing | | | | | | | \$ 400,000 | \$ 336,000 | | \$ 736,000 |
| Pub Wrks | Street microsurface/ crack sealing | | | | | | | \$ 450,000 | \$ 550,000 | | \$ 1,000,000 |
| Finance | Subdivision improvements | | \$ 100,000 | | | | | | | | \$ 100,000 |
| Pub Wrks | Trail resurfacing | | | | | | | \$ 45,000 | | \$ 125,000 | \$ 170,000 |
| | Subtotal | \$ 3,213,000 | \$ 100,000 | \$ 929,706 | \$ 799,545 | \$ 81,600 | | \$ 310,180 | \$ 886,000 | \$ 125,000 | \$ 6,445,031 |
| Utility Infrastructure Preservation | | | | | | | | | | | |
| Pub Wrks | Ring Route street light painting | | | | | | \$ 10,000 | | | | \$ 10,000 |
| Pub Wrks | Well Maint Wells 1, 2 and 18 | | | \$ 130,000 | | | | | | | \$ 130,000 |
| Pub Wrks | WTP Pump Maint - LZP1 | | | \$ 14,000 | | | | | | | \$ 14,000 |
| Pub Wrks | Water meter system replacement 3 of 4 | | | \$ 1,000,000 | | | | | | | \$ 1,000,000 |
| Pub Wrks | Water Reservoir Maint Nordic | | | \$ 8,500 | | | | | | | \$ 8,500 |
| Pub Wrks | Water Reservoir Maint Quarry Pt | | | \$ 130,000 | | | | | | | \$ 130,000 |
| Pub Wrks | Water Line Watermain Diamond Path | | | \$ 275,000 | | | | | | | \$ 275,000 |
| Pub Wrks | Water Longridge/Harwell corrosion mitigation | | | \$ 300,000 | | | | | | | \$ 300,000 |
| Pub Wrks | Gate valve replacements | | | \$ 10,000 | | | | | | | \$ 10,000 |
| | Subtotal | | | \$ 1,867,500 | | | \$ 10,000 | | | | \$ 1,877,500 |



**Apple
Valley**

**CITY OF APPLE VALLEY
CAPITAL IMPROVEMENTS PROGRAM
2016-2020**

**2019
Projects**

City of Apple Valley
Capital Improvements Program 2016-2020
2019 Projects

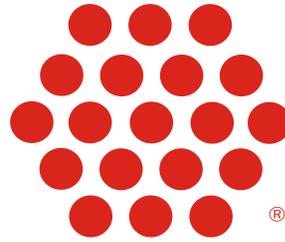
| Dept | Project Name | General Fund | Municipal Building Fund | Ice Arena | Liquor | Total Funding |
|---|---|-------------------|-------------------------|-------------------|------------------|-------------------|
| Building and Facility Improvements | | | | | | |
| Fire | Fire Station 2 apparatus bay floor | \$ 25,000 | | | | \$ 25,000 |
| Muni Cntr | Municipal Center PD training room area | | \$ 56,000 | | | \$ 56,000 |
| Muni Cntr | Municipal Center recarpet | | \$ 200,000 | | | \$ 200,000 |
| Parks | Hayes Arena roof | | | \$ 200,000 | | \$ 200,000 |
| Parks | Comm Cntr locker room flooring/fixtures | | \$ 20,000 | | | \$ 20,000 |
| Parks | Comm Cntr sport court gym roof | | \$ 100,000 | | | \$ 100,000 |
| Parks | Senior Cntr building upgrades | | \$ 35,000 | | | \$ 35,000 |
| Parks | Senior Cntr interior painting | | \$ 10,000 | | | \$ 10,000 |
| Parks | JCRPE Soccer Stadium roof | | \$ 6,000 | | | \$ 6,000 |
| Parks | Aquatic Cntr waterslide | | \$ 150,000 | | | \$ 150,000 |
| Pub Wrks | CMF front East/West face window panes | | \$ 18,000 | | | \$ 18,000 |
| Pub Wrks | CMF hallway tile flooring | | \$ 12,000 | | | \$ 12,000 |
| Pub Wrks | CMF Streets/Parks bldg unit heater | | \$ 15,000 | | | \$ 15,000 |
| | Subtotal | \$ 25,000 | \$ 622,000 | \$ 200,000 | | \$ 847,000 |
| Capital Technology | | | | | | |
| Info Tech | IT servers, networking, pc's, etc. | \$ 100,000 | | | | \$ 100,000 |
| Info Tech | IT software & network licenses | \$ 145,000 | | | | \$ 145,000 |
| Info Tech | IT special projects | \$ 70,000 | | | | \$ 70,000 |
| Liquor | Liquor Store security cameras and DVR's | | | | \$ 20,000 | \$ 20,000 |
| Police | Police radios | \$ 90,000 | | | | \$ 90,000 |
| | Subtotal | \$ 405,000 | | | \$ 20,000 | \$ 425,000 |

City of Apple Valley
Capital Improvements Program 2016-2020
2019 Projects

| Dept | Project Name | VERF Charges - | | | | | Storm Drainage Utility | Other Sources | Total Funding |
|--|---|-------------------|----------------------------|-------------------------|-------------------|------------------|---------------------------|-------------------|---------------------|
| | | General Fund | (Internal Service Fund) | Equip / VERF Expense | Golf | Water Utility | | | |
| Fleet Vehicles and Equipment (appendix B) | | | | | | | | | |
| Com Dev | Code Enforcement VERF Charge | | \$ 2,670 | | | | | | \$ 2,670 |
| Com Dev | Code Enforcement vehicles & equipment | | | | | | | | \$ - |
| Fire | Fire vehicles & equipment | | | \$ 60,400 | | | | | \$ 60,400 |
| Fire | Fire VERF charge | | \$ 306,900 | | | | | | \$ 306,900 |
| Muni Cntr | Municipal Center vehicles & equipment | | | | | | | | \$ - |
| Muni Cntr | Municipal Center VERF charge | | \$ 2,750 | | | | | | \$ 2,750 |
| Parks | Valleywood cart lease annual payment | | | | \$ 35,000 | | | | \$ 35,000 |
| Parks | Valleywood vehicles & equipment | | | | \$ 160,000 | | | | \$ 160,000 |
| Parks | Parks Maint vehicles & equipment | | | \$ 77,000 | | | | | \$ 77,000 |
| Parks | Parks Maint VERF charge | | \$ 223,700 | | | | | | \$ 223,700 |
| Police | Police vehicles & equipment | | | \$ 229,200 | | | | | \$ 229,200 |
| Police | Police VERF charge | | \$ 206,800 | | | | | | \$ 206,800 |
| Pub Wrks | Engineering vehicles & equipment | | | | | | | | \$ - |
| Pub Wrks | Engineering VERF charge | | \$ 5,000 | | | | | | \$ 5,000 |
| Pub Wrks | Fleet Maint vehicles & equipment | | | | | | | | \$ - |
| Pub Wrks | Fleet Maint VERF charge | | \$ 5,830 | | | | | | \$ 5,830 |
| Pub Wrks | Building Inspections vehicles & equipment | | | | | | | | \$ - |
| Pub Wrks | Building Inspections VERF charge | | \$ 5,950 | | | | | | \$ 5,950 |
| Pub Wrks | Natural Resources vehicles & equipment | | | | | | | | \$ - |
| Pub Wrks | Natural Resources VERF charge | | \$ 4,670 | | | | | | \$ 4,670 |
| Pub Wrks | Storm Utility vehicles & equipment | | | | | | \$ 23,200 | | \$ 23,200 |
| Pub Wrks | Streets vehicles & equipment | | | \$ 316,600 | | | | | \$ 316,600 |
| Pub Wrks | Streets VERF charge | | | | | | | | \$ - |
| Pub Wrks | Water & Sewer vehicles & equipment | | | | | \$ 73,200 | | | \$ 73,200 |
| | Subtotal | | \$ 764,270 | \$ 683,200 | \$ 195,000 | \$ 73,200 | \$ 23,200 | | \$ 1,738,870 |
| Parks, Playgrounds, Paths, Open Space | | | | | | | | | |
| Parks | Park reforestation | \$ 10,000 | | | | | | | \$ 10,000 |
| Parks | Park plastic playground timbers | \$ 15,000 | | | | | | | \$ 15,000 |
| Parks | Park play structure | \$ 100,000 | | | | | | | \$ 100,000 |
| Parks | Greenway underpasses | | | | | | \$ 600,000 | | \$ 600,000 |
| Parks | Park trail overlays | \$ 40,000 | | | | | | | \$ 40,000 |
| | Subtotal | \$ 165,000 | | | | | | \$ 600,000 | \$ 765,000 |
| Ponds, Natural Resources, and Environment | | | | | | | | | |
| Pub Wrks | Storm pond sediment removal | | | | | | \$ 50,000 | | \$ 50,000 |
| | Subtotal | | | | | | \$ 50,000 | | \$ 50,000 |

City of Apple Valley
Capital Improvements Program 2016-2020
2019 Projects

| Dept | Project Name | General Fund | Special Assessments | Water Utility | San. Sewer Utility | Storm Drainage Utility | Street Light Utility | Road Improvement | Municipal State Aid | Grant Funding | Other Govt | Total Funding |
|--|---|---------------------|---------------------|---------------------|---------------------|------------------------|----------------------|---------------------|---------------------|-------------------|------------------|---------------------|
| Street and Utility Improvements | | | | | | | | | | | | |
| Pub Wrks | Street project G/F levy allocation | \$ 3,309,000 | | | | | | \$ (3,309,000) | | | | \$ - |
| Pub Wrks | Street proj, Rdwd Dr, Cir, Ct & Keller Lake Dr | | | \$ 354,000 | \$ 315,000 | \$ 146,000 | | \$ 935,568 | | | | \$ 1,750,568 |
| Pub Wrks | Street proj, AV 12th | | | \$ 562,706 | \$ 499,545 | \$ 31,600 | | \$ 761,391 | | | | \$ 1,855,242 |
| Pub Wrks | Street proj, Rdwd Dr/ Whitney Pnd storm bypass | | | | | \$ 100,000 | | | | \$ 100,000 | | \$ 200,000 |
| Pub Wrks | Street proj, Garden View Dr - CR 42 to Whitney | | | \$ 300,000 | \$ 266,000 | | | \$ 95,040 | \$ 969,000 | | | \$ 1,630,040 |
| Pub Wrks | Trail rehabilitation | | | | | | | \$ 32,000 | | | \$ 49,000 | \$ 81,000 |
| Pub Wrks | Street microsurface/ crack sealing | | | | | | | \$ 980,000 | \$ 550,000 | | | \$ 1,530,000 |
| Finance | Subdivision improvements | | \$ 100,000 | | | | | | | | | \$ 100,000 |
| | Subtotal | \$ 3,309,000 | \$ 100,000 | \$ 1,216,706 | \$ 1,080,545 | \$ 277,600 | | \$ (505,001) | \$ 1,519,000 | \$ 100,000 | \$ 49,000 | \$ 7,146,850 |
| Utility Infrastructure Preservation | | | | | | | | | | | | |
| Pub Wrks | Ring Route street light painting | | | | | | \$ 12,000 | | | | | \$ 12,000 |
| Pub Wrks | Lift Station, Storm No. 1 (Cedar Knolls) Design | | | | | \$ 50,000 | | | | | | \$ 50,000 |
| Pub Wrks | Lift Station, Storm No. 2 (Pen Shores) | | | | | \$ 625,000 | | | | | | \$ 625,000 |
| Pub Wrks | Well Maint Wells 6 and 11 | | | \$ 120,000 | | | | | | | | \$ 120,000 |
| Pub Wrks | WTP Pump Maint - LZP4 | | | \$ 16,000 | | | | | | | | \$ 16,000 |
| Pub Wrks | Water meter system replacement 4 of 4 | | | \$ 1,000,000 | | | | | | | | \$ 1,000,000 |
| Pub Wrks | Water Reservoir Maint Palomino | | | \$ 140,000 | | | | | | | | \$ 140,000 |
| Pub Wrks | Gate valve replacements | | | \$ 10,000 | | | | | | | | \$ 10,000 |
| | Subtotal | | | \$ 1,286,000 | | \$ 675,000 | \$ 12,000 | | | | | \$ 1,973,000 |



**Apple
Valley**

**CITY OF APPLE VALLEY
CAPITAL IMPROVEMENTS PROGRAM
2016-2020**

**2020
Projects**

City of Apple Valley
Capital Improvements Program 2016-2020
2020 Projects

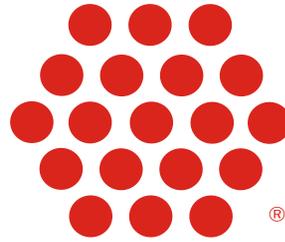
| Dept | Project Name | General Fund | Municipal Building Fund | Future Capital Projects Fund | Total Funding |
|---|--|-------------------|-------------------------|------------------------------|---------------------|
| Building and Facility Improvements | | | | | |
| Muni Cntr | Municipal Center PD boilers | | \$ 250,000 | | \$ 250,000 |
| Muni Cntr | Municipal Center PD HVAC phase 2 | | \$ 60,000 | | \$ 60,000 |
| Muni Cntr | Municipal Center PD open office panels | | \$ 75,000 | | \$ 75,000 |
| Muni Cntr | Municipal Center PD recarpet | | \$ 150,000 | | \$ 150,000 |
| Parks | Comm Cntr gym divider wall | | \$ 100,000 | | \$ 100,000 |
| Parks | Comm Cntr interior painting | | \$ 45,000 | | \$ 45,000 |
| Parks | Comm Cntr rental room tables & chairs | \$ 6,000 | | | \$ 6,000 |
| Parks | Teen Cntr minor improvements | \$ 10,000 | | | \$ 10,000 |
| Parks | JCPRE new maintenance facility | | | \$ 750,000 | \$ 750,000 |
| Parks | JCRPE Legion Field roof | | \$ 6,000 | | \$ 6,000 |
| Parks | JCRPE restroom facility | | \$ 60,000 | | \$ 60,000 |
| Pub Wrks | CMF building windows | \$ 9,500 | | | \$ 9,500 |
| Pub Wrks | CMF vehicle hoists | \$ 26,000 | | | \$ 26,000 |
| Pub Wrks | CMF Police/ Storage bldg unit heater | \$ 15,500 | | | \$ 15,500 |
| | Subtotal | \$ 67,000 | \$ 746,000 | \$ 750,000 | \$ 1,563,000 |
| Capital Technology | | | | | |
| Info Tech | IT servers, networking, pc's, etc. | \$ 105,000 | | | \$ 105,000 |
| Info Tech | IT software & network licenses | \$ 150,000 | | | \$ 150,000 |
| Info Tech | IT special projects | \$ 70,000 | | | \$ 70,000 |
| | Subtotal | \$ 325,000 | | | \$ 325,000 |

City of Apple Valley
 Capital Improvements Program 2016-2020
 2020 Projects

| Dept | Project Name | General Fund | VERF Charges - | | Park Dedication | Ice Arena | Golf | Water Utility | San. Sewer Utility | Storm Drainage Utility | Other Sources | Total Funding |
|--|---|-------------------|-------------------------|----------------------|-------------------|-------------------|-------------------|------------------|--------------------|------------------------|-------------------|---------------------|
| | | | (Internal Service Fund) | Equip / VERF Expense | | | | | | | | |
| Fleet Vehicles and Equipment (appendix B) | | | | | | | | | | | | |
| Com Dev | Code Enforcement VERF Charge | | \$ 2,740 | | | | | | | | | \$ 2,740 |
| Com Dev | Code Enforcement vehicles & equipment | | | | | | | | | | | \$ - |
| Fire | Fire vehicles & equipment | | | | | | | | | | | \$ - |
| Fire | Fire VERF charge | | \$ 314,600 | | | | | | | | | \$ 314,600 |
| Muni Cntr | Municipal Center vehicles & equipment | | | | | | | | | | | \$ - |
| Muni Cntr | Municipal Center VERF charge | | \$ 2,820 | | | | | | | | | \$ 2,820 |
| Parks | Hayes Arena ice resurfacers | | | | | \$ 135,000 | | | | | | \$ 135,000 |
| Parks | Valleywood cart lease annual payment | | | | | | \$ 35,000 | | | | | \$ 35,000 |
| Parks | Valleywood vehicles & equipment | | | | | | \$ 200,000 | | | | | \$ 200,000 |
| Parks | Parks Maint vehicles & equipment | | | \$ 146,000 | | | | | | | | \$ 146,000 |
| Parks | Parks Maint VERF charge | | \$ 229,300 | | | | | | | | | \$ 229,300 |
| Police | Police vehicles & equipment | | | \$ 276,800 | | | | | | | | \$ 276,800 |
| Police | Police VERF charge | | \$ 212,000 | | | | | | | | | \$ 212,000 |
| Pub Wrks | Engineering vehicles & equipment | | | | | | | | | | | \$ - |
| Pub Wrks | Engineering VERF charge | | \$ 5,125 | | | | | | | | | \$ 5,125 |
| Pub Wrks | Fleet Maint vehicles & equipment | | | | | | | | | | | \$ - |
| Pub Wrks | Fleet Maint VERF charge | | \$ 5,980 | | | | | | | | | \$ 5,980 |
| Pub Wrks | Building Inspections vehicles & equipment | | | | | | | | | | | \$ - |
| Pub Wrks | Building Inspections VERF charge | | \$ 6,100 | | | | | | | | | \$ 6,100 |
| Pub Wrks | Natural Resources vehicles & equipment | | | | | | | | | | | \$ - |
| Pub Wrks | Natural Resources VERF charge | | \$ 4,790 | | | | | | | | | \$ 4,790 |
| Pub Wrks | Storm Utility vehicles & equipment | | | | | | | | \$ 193,200 | | | \$ 193,200 |
| Pub Wrks | Streets vehicles & equipment | | | \$ 166,700 | | | | | | | | \$ 166,700 |
| Pub Wrks | Streets VERF charge | | | | | | | | | | | \$ - |
| Pub Wrks | Water & Sewer vehicles & equipment | | | | | | \$ 37,500 | \$ 76,100 | | | | \$ 113,600 |
| | Subtotal | | \$ 783,455 | \$ 589,500 | | \$ 135,000 | \$ 235,000 | \$ 37,500 | \$ 76,100 | \$ 193,200 | | \$ 2,049,755 |
| Parks, Playgrounds, Paths, Open Space | | | | | | | | | | | | |
| Parks | Park, Tintah soccer field irrigation | \$ 40,000 | | | | | | | | | | \$ 40,000 |
| Parks | Park reforestation | \$ 10,000 | | | | | | | | | | \$ 10,000 |
| Parks | Park, JCRPE sewer connection to 142nd | | | | \$ 250,000 | | | | | | | \$ 250,000 |
| Parks | Park play structure | \$ 75,000 | | | | | | | | | | \$ 75,000 |
| Parks | Greenway underpasses | | | | | | | | | \$ 600,000 | | \$ 600,000 |
| Parks | Park trail overlays | \$ 40,000 | | | | | | | | | | \$ 40,000 |
| | Subtotal | \$ 165,000 | | | \$ 250,000 | | | | | | \$ 600,000 | \$ 1,015,000 |
| Ponds, Natural Resources, and Environment | | | | | | | | | | | | |
| Pub Wrks | Storm pond sediment removal | | | | | | | | | \$ 52,000 | | \$ 52,000 |
| | Subtotal | | | | | | | | | \$ 52,000 | | \$ 52,000 |

**City of Apple Valley
Capital Improvements Program 2016-2020
2020 Projects**

| Dept | Project Name | General Fund | Special Assessments | Water Utility | San. Sewer Utility | Storm Drainage Utility | Street Light Utility | Road Improvement | Municipal State Aid | Total Funding |
|--|--|---------------------|---------------------|-------------------|--------------------|------------------------|----------------------|---------------------|---------------------|---------------------|
| Street and Utility Improvements | | | | | | | | | | |
| Pub Wrks | Street project G/F levy allocation | \$ 3,409,000 | | | | | | \$ (3,409,000) | | \$ - |
| Pub Wrks | Street proj. AV 1st and 2nd | | | \$ 972,000 | \$ 862,000 | \$ 397,000 | | \$ 1,719,000 | | \$ 3,950,000 |
| Pub Wrks | Street proj. Newell Dr. & Newell Cir | | | | | | | \$ 484,223 | | \$ 484,223 |
| Pub Wrks | Street overlay/resurfacing | | | | | | | \$ 78,000 | | \$ 78,000 |
| Pub Wrks | Street microsurface/ crack sealing | | | | | | | \$ 628,000 | \$ 550,000 | \$ 1,178,000 |
| Finance | Subdivision improvements | | \$ 100,000 | | | | | | | \$ 100,000 |
| | Subtotal | \$ 3,409,000 | \$ 100,000 | \$ 972,000 | \$ 862,000 | \$ 397,000 | | \$ (499,777) | \$ 550,000 | \$ 5,790,223 |
| Utility Infrastructure Preservation | | | | | | | | | | |
| Pub Wrks | Ring Route street light painting | | | | | | \$ 12,000 | | | \$ 12,000 |
| Pub Wrks | Lift Station, Storm No. 1 (Cedar Knolls) | | | | \$ 625,000 | | | | | \$ 625,000 |
| Pub Wrks | Well Maint Wells 4, 13 and 16 | | | \$ 135,000 | | | | | | \$ 135,000 |
| Pub Wrks | WTP Pump Maint - HZP4 | | | \$ 16,000 | | | | | | \$ 16,000 |
| Pub Wrks | Water Reservoir Maint Longridge | | | \$ 500,000 | | | | | | \$ 500,000 |
| Pub Wrks | Gate valve replacements | | | \$ 10,000 | | | | | | \$ 10,000 |
| | Subtotal | | | \$ 661,000 | | \$ 625,000 | \$ 12,000 | | | \$ 1,298,000 |



**Apple
Valley**

APPENDIX A

STREET OVERLAY AND RECONSTRUCTION
SCHEDULE
2016-2020

Pavement Management Program

The City of Apple Valley is responsible for maintaining 174 centerline miles, or approximately 400 lane miles, of city streets within its boundaries. A variety of methods are used to preserve street pavement and maximize the service life of existing streets. The city uses preservation practices such as overlays, microsurfacing, seal coating, and crack sealing for asphalt pavements. While preservation practices help to significantly extend the service life of pavement, eventually there is a diminishing return on investment. All streets will eventually need to be reconstructed as part of an ongoing maintenance program.

The street system in Apple Valley grew rapidly with development beginning in the 1960s. During the 15 year period between 1967 and 1982, approximately 80 miles of city streets were constructed throughout the community. The service life for an asphalt street constructed in the 1960s or 1970s is commonly assumed to be about 45 years. The City currently has approximately five miles of streets reaching the end of the anticipated 45-year service life each year.

The City monitors pavement conditions of the street system through field inspections and the use of pavement condition ratings. The ASTM D6433 rating system is used to assign pavement condition ratings to 25 percent of the total pavement mileage each year. This pace allows the City to update pavement conditions for all street segments on a four year cycle. Pavement condition rating information is entered into Cartegraph pavement management software.

The pavement management software serves two important functions for managing the condition of city streets. First, the software is used to calculate an "Overall Condition Index" providing a single broad-scale measurement of the whole street system. Second, the software is used to forecast the Overall Condition Index of the street system in future years based on the amount of investment provided in the Capital Improvement Program. This forecast process provides a valuable tool for use by the City Council and staff to evaluate the appropriate level of investment in maintaining the street system.

The City has established a goal of maintaining an Overall Condition Index score of 73 out of a possible 100 points. The current Overall Condition Index for the street system is 74 for the year 2015. Based on the amount of investment identified in the 2016 – 2020 Capital Improvement Program, the Overall Condition Index for the street system is forecasted to remain within two points (+/-) of the 73 target over the next five years.

Water and Wastewater Management Program

The City of Apple Valley uses a condition monitoring program to guide preservation and replacement projects for water supply and wastewater utility system assets. An inventory of all water and wastewater components is maintained within mapping programs by the Public Works Department.

The public water system consists of a network of 20 water supply wells, a central water treatment facility, and approximately 240 miles of water distribution piping. Municipal wells are scheduled on a rotating seven year cycle for removal, inspection and rehabilitation to minimize critical equipment failure. The water treatment facility providing 2.5 billion gallons of water per year was expanded and upgraded in 2015. The condition of the water distribution pipe system is monitored by staff and scheduled for rehabilitation at appropriate intervals. The current CIP includes replacement of water mains within certain street reconstruction areas identified within the CIP summary tables.

The public wastewater collection system consists of a network of nine sanitary sewer lift stations and approximately 200 miles of sewer mains. The CIP includes the rehabilitation of Lift Station No. 5 as part of an ongoing process to maintain critical wastewater equipment. The CIP also includes replacement of sanitary sewer mains within certain street reconstruction areas, most notably the Palomino and Apple Valley Additions (commonly referred to as Old North and the apple streets) residential neighborhoods.

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Apple Valley

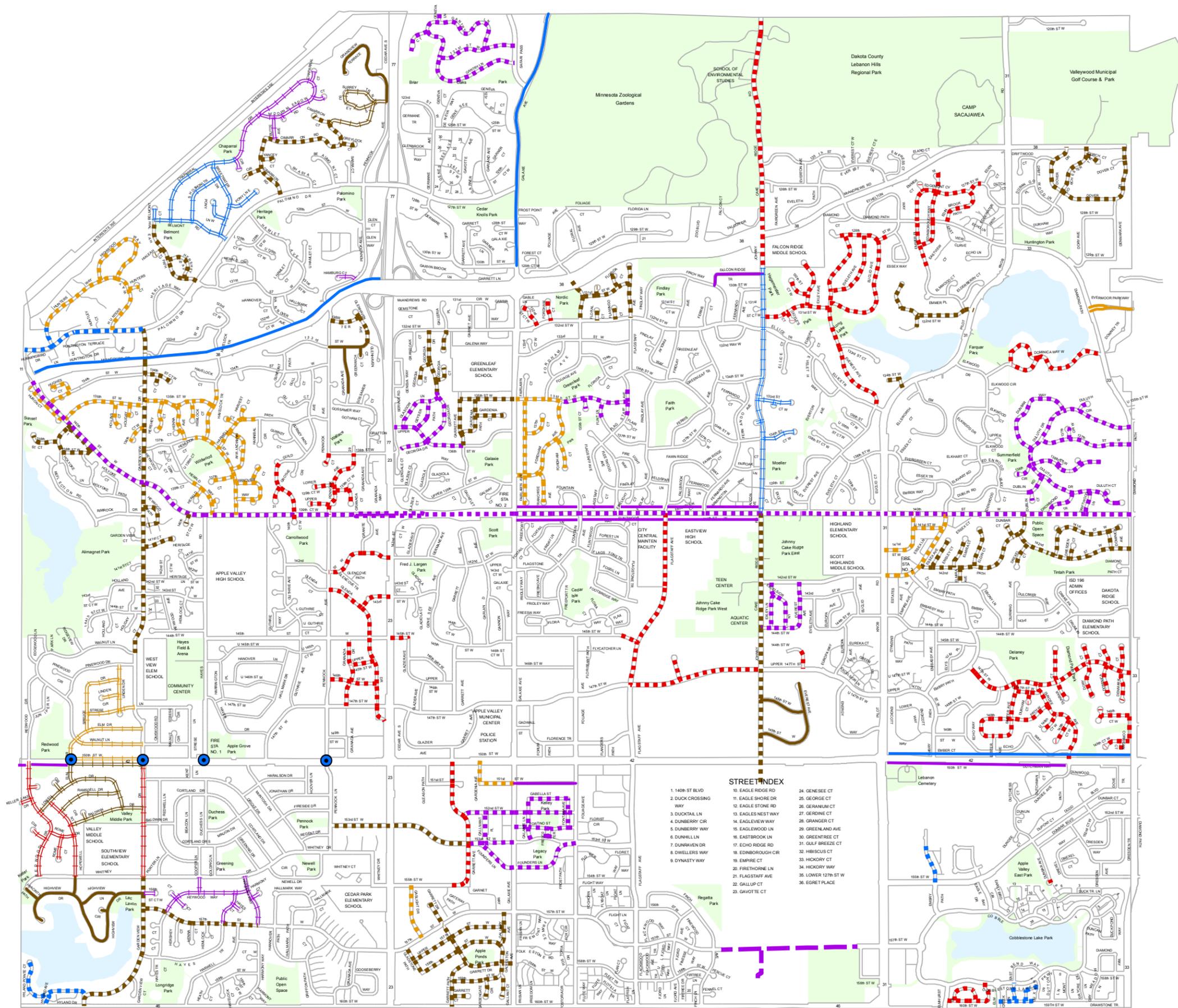
CAPITAL IMPROVEMENT PROGRAM 2016 - 2020 CITY STREET IMPROVEMENT

Project Area Forecast by Year

-  2016 Street Improvement Area
-  2017 Street Improvement Area
-  2018 Street Improvement Area
-  2019 Street Improvement Area
-  2020 Street Improvement Area

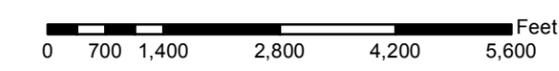
Est. Improvement Type

-  CHIP SEALING
-  MICRO SURFACE
-  MILL/OVERLAY
-  RECONSTRUCTION
-  NEW ROADWAY
-  TRAFFIC SIGNAL RECONSTRUCT



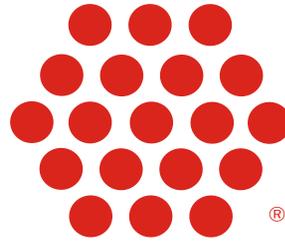
STREET INDEX

| | | |
|----------------------|---------------------|----------------------|
| 1. 140th ST BLVD | 10. EAGLE RIDGE RD | 24. GENESSEE CT |
| 2. DUCK CROSSING WAY | 11. EAGLE SHORE DR | 25. GEORGE CT |
| 3. DUCKTAL LN | 12. EAGLE STONE RD | 26. GERANUM CT |
| 4. DUNBERRY CIR | 13. EAGLES NEST WAY | 27. GERONIE CT |
| 5. DUNBERRY WAY | 14. EAGLEVIEW WAY | 28. GRANGER CT |
| 6. DUNHILL LN | 15. EAGLEWOOD LN | 29. GREENLAND AVE |
| 7. DUNRAVEN DR | 16. EASTBROOK LN | 30. GREEN TREE CT |
| 8. DWELLERS WAY | 17. ECHO RIDGE RD | 31. GULF BREEZE CT |
| 9. DYNASTY WAY | 18. EDENBROUGH CR | 32. HIBISCUS CT |
| | 19. EMPIRE CT | 33. HICKORY CT |
| | 20. FIRETHORNE LN | 34. HICKORY WAY |
| | 21. FLAGSTAFF AVE | 35. LOWER 127th ST W |
| | 22. GALLUP CT | 36. EGRET PLACE |
| | 23. GAVOTTE CT | |



Project areas are preliminary and subject to change based on available funding.

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**Apple
Valley**

APPENDIX B

VEHICLE AND EQUIPMENT REPLACEMENT
SCHEDULE
2016-2020

Introduction

A major portion of the City's capital outlays is derived from vehicle and equipment replacements. This report is a replacement schedule, listing each individual vehicle or major piece of equipment owned by the City of Apple Valley.

The Replacement Schedule serves three main functions:

- 1) The Replacement Schedule accounts for the City's vehicle and equipment purchases. The CIP lists only department summary totals of expenditures for vehicles and pieces of equipment.
- 2) The Replacement Schedule provides additional information concerning the condition of vehicles and equipment. For each vehicle or piece of equipment, the Replacement Schedule provides the production date, the cost to the City at the time of purchase, the expected useful life-span, the scheduled date of replacement, and the expected cost of replacement. Replacement dates are based on detailed examination of each individual vehicle or piece of equipment and determination of its likely remaining useful life.
- 3) The Replacement Schedule provides a comprehensive plan for vehicle and equipment replacement within each department. Purchases in one year may greatly affect purchases in the next. The Schedule is a budgeting tool that helps departments budget for long-term capital outlays.

The Replacement Schedule includes the budgeted purchases for the current year, as well as future purchases projected over the next five years. It does not include funding sources for these purchases. However, the funding sources can be found in the vehicle and equipment tables within the CIP.

Replacement Criteria

The City's practice is to replace vehicles and equipment when the Fleet Maintenance Division determines that it is cost prohibitive to keep the vehicle and pay for repairs. Since the CIP is a five-year projection, it is challenging for Fleet Maintenance to determine exactly when a particular vehicle or piece of equipment is in need of replacement. Many variables such as design and production properties of individual vehicle models, extent of use of the vehicle, and severity of use while in the City's fleet determine the useful life-span of a vehicle. Thus, for example, a sedan used by the Police Department for patrol may only be useful for four years, while the same model may be useful to Building Inspections for eight years.

The Fleet Maintenance Division has established guidelines or replacement standards for the expected useful life of various vehicles and equipment. Vehicles are scheduled for replacement in the CIP and Replacement Schedule in the year that departments project the vehicles will meet the standards established in the guidelines. However, prior to the annual budgeting process, the Fleet Maintenance Division evaluates each vehicle and piece of equipment scheduled for replacement that year. If the Fleet Maintenance Division evaluates the vehicle and determines that it can continue to be used cost effectively, the vehicle will remain in service even if it exceeds the replacement criteria. Similarly, if a vehicle does not meet the replacement criteria, but the Fleet Maintenance Division evaluates the vehicle and determines that it is cost prohibitive to continue using the vehicle, a replacement will be requested in the operating budget. Thus, the CIP serves as a general planning document and may vary from actual proposed annual budgets.

Appendix B: Vehicle and Equipment Sheets

Appendix B lists all of the vehicles in the City's fleet, sorted by Department and with projected expenditures for vehicle replacements.

Appendix B also lists all of the significant equipment items used by the City, sorted by Department and with projected expenditures for vehicle replacements.

Below is a brief description of the different City Departments/ Division and the types of fleet and equipment uses they have.

Fire Department

The Fire Department uses three types of vehicles--fire-fighting vehicles which are used for emergency response and should be replaced with similar models; vehicles used by the fire officers that are used for daily use as well as for emergency response; and vehicles used to transport fire fighters to training drills. The fire department also has water emergency equipment. The VERF for the Fire Department includes four expensive groups of equipment that will need to be replaced in the coming years; these include the Self Contained Breathing Apparatus, Thermal Imagers, hydraulic rescue tools and 800 Mhz radios. The strategy of including this equipment in the VERF is to level out the budgetary impacts in the coming years.

Liquor Operations

The Liquor Operations division is an enterprise operation and has its own funding sources.

Parks Maintenance

The Park and Recreation Department requires many vehicles and much equipment to maintain the City's parks and facilitate the City's recreation programs.

Parks and Recreation / Golf Operations

The Park and Recreation Department also maintains the City's 18 hole golf course. The needs of the golf course are quite different from the needs of regular park maintenance. The golf course is an enterprise operation and has its own funding sources.

Arena Operations

The City runs two ice arenas under the Park and Recreation Department. During the spring and summer, special surfaces placed on the floors of the arenas to create indoor tennis courts. The Arena Operations division is an enterprise operation and has its own funding sources.

Pool and Aquatic Park Operations

The City runs one pool and aquatic park under the Park and Recreation Department. During the summer, both operations are in full use. The Pool and Aquatic Park Operations are not an enterprise operation and are part of the General Fund programs.

Police Department

The Police Department vehicles, aside from the squad cars, are used for the sergeants, investigators, and captains.

Public Works Inspections, Natural Resources, & City Hall

The Public Works Department vehicles in this section are used for three different functions--building inspections, natural resources, and general purpose. The building inspectors use their vehicles to make on-site inspections. The forester uses a vehicle for on-site work. The general-purpose vehicle is shared by many other City departments.

Fleet Maintenance

The Fleet Maintenance division of the Public Works Department is responsible for the maintenance of the City's buildings, vehicles, and equipment.

Streets

The Streets division of the Public Works Department is responsible for the maintenance of the City's street-scape and storm sewer system. The responsibilities of this department include patching the roads in the summer and plowing in the winter.

Utilities

The Utilities division of the Public Works Department is responsible for the maintenance of the City's water and sanitary sewer operations. The Utilities division is an enterprise operation and has its own funding sources.

Stormwater

The Streets division of the Public Works Department is responsible for the maintenance of the City's stormwater sewer operations. The Stormwater operation is an enterprise operation and has its own funding sources.

TARGET REPLACEMENT CYCLES

| VEHICLE CATEGORIES | AGE | MILES OR HOURS |
|----------------------------------|-----|----------------|
| Administrative/Inspection | | |
| Sedan | 10 | 100,000 |
| Pickup | 10 | 100,000 |
| Vans (mini & multi-passenger) | 10 | 100,000 |
| Specialty | | |
| Light Duty | | |
| Pickup 2-wheel drive | 10 | 100,000 |
| Bronco/Blazer | 10 | 100,000 |
| Utility Van | 10 | 100,000 |
| Park Mowers | 10 | |
| Boulevard Mowers | 5 | |
| Medium Duty | | |
| Utility Truck | 10 | 100,000 |
| 4x4 Pickup | 10 | 100,000 |
| 1-ton Dump Truck | 10 | 100,000 |
| Skidsteer (Bobcat) | 10 | 4,000 Hrs. |
| Fire Rescue or Grass Rig | 15 | Does Not Apply |
| Heavy Duty | | |
| Single Axle Dump Truck | 12 | 80,000 |
| Tandem Axle Dump Truck | 12 | 80,000 |
| Front End Loader | 20 | 10,000 Hrs. |
| Tractor Backhoe | 15 | 6,000 Hrs. |
| Sweeper | 15 | 6,000 Hrs. |
| Jetter | 10 | Does Not Apply |
| Tanker/Flusher | 20 | 8,000 Hrs. |
| Sewer Vac | 8 | Does Not Apply |
| Pumpers | 20 | Does Not Apply |
| Police Investigation | 10 | 100,000 |
| Police Patrol | 10 | 100,000 |

Vehicle & Equipment Replacement Fund

COMMUNITY DEVELOPMENT - CODE ENFORCEMENT

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace Cycle Years | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | future replacement cost | | | | | |
|---------------------------|-----------------------------------|-------------------------------------|--------------------|-----------------|------------------|--|-------------------------|------|------|------|------|------|
| | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| 696 | 2014 GMC ½ Ton Ext. Cab 4X4 Truck | 12 | 2014 | 2026 | 26,027 | 27,300 | - | - | - | - | - | - |
| TOTALS | | | | | 26,027 | 27,300 | - | - | - | - | - | - |

Vehicle & Equipment Replacement Fund

General Government

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace Cycle Years | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | future replacement cost | | | | | |
|---------------------------|--------------------|-------------------------------------|--------------------|-----------------|------------------|--|-------------------------|------|------|------|------|------|
| | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| 1201 | 2012 Chev Traverse | 10 | 2012 | 2022 | 25,000 | 25,500 | - | - | - | - | - | - |
| TOTALS | | | | | 25,000 | 25,500 | - | - | - | - | - | - |

Vehicle & Equipment Replacement Fund

Building Inspections

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace Cycle Years | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | future replacement cost | | | | | |
|---------------------------|---------------------------------|-------------------------------------|--------------------|-----------------|------------------|--|-------------------------|------|------|------|------|------|
| | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| 101 | 2013 Chev ½ Ton Pickup (4-WD) | 10 | 2013 | 2023 | 19,000 | 23,250 | - | - | - | - | - | - |
| 104 | 2015 GMC ½ Ton Pickup (4 WD) | 10 | 2015 | 2025 | 22,670 | 23,250 | - | - | - | - | - | - |
| 107 | 2014 GMC ½ Ton Pickup (4 WD) | 10 | 2014 | 2024 | 22,670 | 23,250 | - | - | - | - | - | - |
| 108 | 2002 Chev ½ Ton Pickup (4 WD) | | | | | | - | - | - | - | - | - |
| 109 | 2003 Chev 1/2 Ton Pickup (4 WD) | | | | | | - | - | - | - | - | - |
| TOTALS | | | | | 64,340 | 69,750 | - | - | - | - | - | - |

Vehicle & Equipment Replacement Fund

Engineering

| CITY VEHICLE NUMBER | MAKE/MODEL | VIN | DEPT | Target Replace Cycle Years | FA System Actual Acq Date | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | future replacement cost | | | | | |
|---------------------------|------------------------------|----------|-------------|-------------------------------------|------------------------------------|--------------------|-----------------|------------------|--|-------------------------|------|------|------|------|------|
| | | | | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| 114 | 2012 Chev Traverse | CJ305766 | Engineering | 10 | Jan-12 | 2012 | 2022 | 23,900.00 | 24,500 | - | - | - | - | - | - |
| 115 | 2013 GMC ½ Ton Pickup (4-WD) | DZ319991 | Engineering | 10 | Jan-13 | 2013 | 2023 | 21,400.00 | 23,500 | - | - | - | - | - | - |
| 116 | 2009 Chev Impala | 91297021 | Engineering | | | | | | | - | - | - | - | - | - |
| TOTALS | | | | | | | | 45,300 | 48,000 | - | - | - | - | - | - |

Number of Active Assets

2

Vehicle & Equipment Replacement Schedule

FIRE DEPARTMENT

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace Cycle Years | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | future replacement cost | | | | | |
|---------------------------|---------------------------------------|-------------------------------------|--------------------|-----------------|------------------|--|-------------------------|---------|---------|---------|--------|---------|
| | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| 4987 | 1991 Spartan Fire Pumper 1250 GPM | 25 | 1991 | 2016 | 500,000 | 500,000 | 500,000 | - | - | - | - | - |
| New | Rescue / Duty Crew | 10 | 2006 | 2018 | 280,000 | 280,000 | - | - | 294,200 | - | - | - |
| eq | SCBA (412 packs / 120 bottles) | 10 | 2005 | 2018 | | 303,000 | - | - | 318,300 | - | - | - |
| eq | Thermal Imagers | 7 | 2012 | 2019 | | 70,000 | - | - | - | 75,400 | - | - |
| eq | Hydraulic Rescue Tools | 15 | 2005 | 2020 | | 90,000 | - | - | - | - | 99,300 | - |
| eq | 800 Mhz Radio (63) | 10 | 2007 | 2022 | | 422,100 | - | - | - | - | - | - |
| 4993 | 2002 Chev K2500 Crew Cab Pickup | 13 | 2002 | 2016 | 26,375 | 30,000 | 30,000 | - | - | - | - | - |
| 4990 | 1992 Chev Step Van | 15 | 1992 | 2017 | 23,932 | 240,000 | - | 246,000 | - | - | - | - |
| 4992 | 2004 Ford E-350 Club Wagon | 13 | 2004 | 2017 | 20,873 | 24,000 | - | 24,600 | - | - | - | - |
| 4989 | 1997 HME Fire Pumper 1250 GPM/5C | 21 | 1997 | 2018 | 253,150 | | - | - | - | - | - | - |
| 4995 | 2006 Ford F-350 4-WD (grass rig – St | 13 | 2006 | 2019 | 24,606 | | - | - | - | - | - | - |
| 4997 | 2006 Chev K2500 Crew Cab Pickup | 13 | 2006 | 2019 | 25,669 | 28,000 | - | - | - | 30,200 | - | - |
| 4973 | 2005 Pace Am Sprinkler Trailer | 15 | 2006 | 2021 | 23,452 | 26,000 | - | - | - | - | - | 29,400 |
| 4980 | 2000 HME Fire Aerial Ladder Truck | 21 | 2000 | 2021 | 447,498 | 680,000 | - | - | - | - | - | 769,400 |
| 4972 | 2012 Ford Explorer | 10 | 2012 | 2022 | 41,000 | 41,000 | - | - | - | - | - | - |
| 4974 | 2012 Ford Explorer | 10 | 2012 | 2022 | 41,000 | 41,000 | - | - | - | - | - | - |
| 4991 | 2012 Chev Colorado Pickup | 10 | 2013 | 2023 | 30,000 | 30,750 | - | - | - | - | - | - |
| 4971 | 2014 Ford Explorer | 10 | 2014 | 2024 | 41,000 | 41,000 | - | - | - | - | - | - |
| 4976 | 2014 Ford Explorer | 10 | 2014 | 2024 | 41,000 | 41,000 | - | - | - | - | - | - |
| 4981 | 2003 Spartan Fire Pumper 1250 GPM | 21 | 2003 | 2024 | 325,800 | 495,000 | - | - | - | - | - | - |
| 4982 | 2007 Spartan Fire Aerial Ladder Truck | 21 | 2007 | 2028 | 581,489 | 680,000 | - | - | - | - | - | - |
| 4975 | 2015 Zodiac/Evenrude Boat & Trailer | 15 | 2015 | 2030 | 20,000 | 25,000 | - | - | - | - | - | - |
| 4983 | 2010 Spartan Fire Pumper 1500 GPM | 21 | 2010 | 2031 | 461,097 | 495,000 | - | - | - | - | - | - |
| 4984 | 2014 Spartan Fire Pumper 1250 GPM | 21 | 2014 | 2035 | 495,944 | 495,000 | - | - | - | - | - | - |
| TOTALS | | | | | 3,703,885 | 5,077,850 | 530,000 | 270,600 | 612,500 | 105,600 | 99,300 | 798,800 |

Vehicle & Equipment Replacement Fund

POLICE DEPARTMENT

| CITY VEHICLE NUMBER | MAKE/MODEL | MILEAGE | Target Replace Cycle Years | In-service Year | Replace Year | Original Cost | Estimated 2016 Purchase Price | future replacement cost | | | | | |
|---------------------------|--|---------|-------------------------------------|--------------------|-----------------|------------------|--|-------------------------|----------------|----------------|----------------|----------------|---------------|
| | | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| 901 | 2014 Ford Explorer | 19569 | 6 | 2014 | 2020 | 32,550 | 37,000 | - | - | - | - | 40,800 | - |
| 902 | 2013 Ford Explorer | 39327 | 7 | 2012 | 2019 | 32,550 | 37,000 | - | - | - | 39,800 | - | - |
| 903 | 2014 Ford Police Interceptor | 5685 | 6 | 2014 | 2020 | 33,000 | 33,000 | - | - | - | - | 36,400 | - |
| 904 | 2013 Ford Police Interceptor | 36403 | 8 | 2012 | 2020 | 29,400 | 33,000 | - | - | - | - | 36,400 | - |
| 905 | 2014 Ford Police Interceptor | 10803 | 7 | 2014 | 2021 | 33,000 | 33,000 | - | - | - | - | - | 37,300 |
| 906 | 2010 Chev Impala | 56983 | 8 | 2010 | 2018 | 20,590 | 33,000 | - | - | 34,700 | - | - | - |
| 907 | 2015 Ford Explorer | 11560 | 6 | 2014 | 2020 | 37,000 | 37,000 | - | - | - | - | 40,800 | - |
| 908 | 2010 Ford Crown Victoria | 58113 | 8 | 2011 | 2019 | 22,646 | 33,000 | - | - | - | 35,500 | - | - |
| 909 | 2010 Ford Crown Victoria | 78023 | 6 | 2010 | 2016 | 37,000 | 37,000 | 37,000 | - | - | - | - | - |
| 910 | 2015 Ford Explorer | 14295 | 5 | 2014 | 2019 | 37,000 | 37,000 | - | - | - | 39,800 | - | - |
| 911 | 2011 Ford Crown Victoria | 56453 | 5 | 2012 | 2017 | 24,238 | 33,000 | - | 33,800 | - | - | - | - |
| 912 | 2010 Ford Crown Victoria | 64572 | 7 | 2011 | 2018 | 22,646 | 33,000 | - | - | 34,700 | - | - | - |
| 913 | 2014 Ford Police Interceptor | 21075 | 8 | 2013 | 2021 | 32,550 | 33,000 | - | - | - | - | - | 37,300 |
| 914 | 2015 | 0 | 4 | 2015 | 2019 | 17,358 | 33,000 | - | - | - | 35,500 | - | - |
| 915 | 2014 Ford Explorer | 22780 | 7 | 2013 | 2020 | 32,550 | 37,000 | - | - | - | - | 40,800 | - |
| 916 | 2014 Ford Explorer | 27907 | 7 | 2013 | 2020 | 29,400 | 37,000 | - | - | - | - | 40,800 | - |
| 917 | 2013 Ford Explorer | 33989 | 5 | 2013 | 2018 | 32,550 | 37,000 | - | - | 38,900 | - | - | - |
| 918 | 2014 Ford Explorer | 12405 | 8 | 2014 | 2022 | 32,550 | 37,000 | - | - | - | - | - | - |
| 919 | 2013 Ford Explorer | 27612 | 7 | 2013 | 2020 | 32,550 | 37,000 | - | - | - | - | 40,800 | - |
| 920 | 2014 Ford Explorer (K-9) | 26310 | 5 | 2014 | 2019 | 24,216 | 40,000 | - | - | - | 43,100 | - | - |
| 921 | 2011 Ford Crown Victoria (SRO) | 54076 | 5 | 2012 | 2017 | 24,238 | 33,000 | - | 33,800 | - | - | - | - |
| 922 | 2011 Ford Crown Victoria (SRO) | 44899 | 7 | 2012 | 2019 | 24,238 | 33,000 | - | - | - | 35,500 | - | - |
| 931 | 2015 Chev Traverse (invest.) | | 10 | 2015 | 2025 | 27,454 | 33,000 | - | - | - | - | - | - |
| 932 | 2013 Ford Police Interceptor (invest.) | 23259 | 10 | 2012 | 2022 | 31,100 | 33,000 | - | - | - | - | - | - |
| 933 | 2012 Dodge Caravan (invest.) | 22422 | 10 | 2012 | 2022 | 25,750 | 26,250 | - | - | - | - | - | - |
| 944 | 2013 Ford Police Interceptor (admin.) | 15187 | 10 | 2013 | 2023 | 31,100 | 33,000 | - | - | - | - | - | - |
| 945 | 2013 Ford Police Interceptor (invest.) | 18419 | 10 | 2012 | 2022 | 31,100 | 33,000 | - | - | - | - | - | - |
| 946 | 2013 Ford Police Interceptor (admin.) | 21672 | 10 | 2012 | 2022 | 31,100 | 33,000 | - | - | - | - | - | - |
| 947 | 2013 Ford Police Interceptor (admin.) | 14085 | 10 | 2013 | 2023 | 31,100 | 33,000 | - | - | - | - | - | - |
| 948 | 2015 Ford Police Interceptor (invest.) | 1476 | 12 | 2015 | 2027 | 15,600 | 33,000 | - | - | - | - | - | - |
| 960 | 2011 GMC 1/2 Ton 4-WD Pickup (CS) | 50472 | 6 | 2011 | 2017 | 24,500 | 28,000 | - | 28,700 | - | - | - | - |
| 963 | 2008 Chev 1/2 Ton 4-WD Pickup (CS) | 71982 | 8 | 2008 | 2016 | 21,103 | 28,000 | 28,000 | - | - | - | - | - |
| 972 | 1997 Radar Trailer #1 | | 20 | 1997 | 2017 | 14,468 | 18,000 | - | 18,500 | - | - | - | - |
| 973 | 2001 Radar Trailer #2 (Mod. 5700) | | 20 | 2001 | 2021 | 11,920 | 18,000 | - | - | - | - | - | 20,400 |
| TOTALS | | | | | | 940,115 | 1,122,250 | 65,000 | 114,800 | 108,300 | 229,200 | 276,800 | 95,000 |

Vehicle & Equipment Replacement Fund

PW - FLEET & BUILDINGS

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace Cycle Years | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | 2016 | future replacement cost | | | | |
|---------------------------|------------------------------|-------------------------------------|--------------------|-----------------|------------------|--|------|-------------------------|------|------|------|------|
| | | | | | | | | 2017 | 2018 | 2019 | 2020 | 2021 |
| 701 | 2010 GMC 1 Ton Service Truck | 15 | 2010 | 2025 | 40,833 | 45,000 | - | - | - | - | - | - |
| 702 | 2012 Chev Colorado 4X4 | 10 | 2012 | 2022 | 19,375 | 21,000 | - | - | - | - | - | - |
| TOTALS | | | | | 60,208 | 66,000 | - | - | - | - | - | - |

Vehicle & Equipment Replacement Fund

PARKS DEPARTMENT

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace Cycle Years | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | future replacement cost | | | | | |
|---------------------------|---|-------------------------------------|--------------------|-----------------|------------------|--|-------------------------|--------|--------|--------|--------|--------|
| | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| 224 | 2006 Ford F250 3/4 Ton Ext. Cab Pickup | 10 | 2006 | 2016 | 19,051.00 | 22,000 | 22,000 | - | - | - | - | - |
| 225 | 2014 Ford ¾ Ton Quad Cab Pickup | 10 | 2014 | 2024 | 23,031.00 | 23,000 | - | - | - | - | - | - |
| 226 | 2009 Ford F250 3/4 Ton Pickup | 10 | 2009 | 2019 | 17,391.00 | 21,000 | - | - | - | 21,000 | - | - |
| 227 | 2006 Ford 3/4 Ton Pickup (4-WD) | 10 | 2006 | 2016 | 22,125.00 | 22,000 | 22,000 | - | - | - | - | - |
| 228 | 2015 Ford F250 ¾ Ton Pickup (4-WD) w/ 8'6" Pro-Plow | 10 | 2015 | 2025 | 30,550.00 | 32,000 | - | - | - | - | - | - |
| 229 | 2012 Ford F-350 4-WD 1 Ton Dump Box | 10 | 2012 | 2022 | 37,800.00 | 40,100 | - | - | - | - | - | - |
| 230 | 2014 Ford 1 Ton Drop Side Dump Truck (4- WD) 9' Unimount Pro-Plus Plow | 10 | 2014 | 2024 | 33,177.00 | 40,100 | - | - | - | - | - | - |
| 231 | 2013 Ford F250 ¾ Ton Pickup | 10 | 2013 | 2023 | 19,000.00 | 21,000 | - | - | - | - | - | - |
| 232 | gal.) | 15 | 2001 | 2016 | 93,611.00 | 115,000 | 115,000 | - | - | - | - | - |
| 233 | 2003 Ford E-350 Van | 12 | 2003 | 2016 | 18,366.00 | 22,000 | 22,000 | - | - | - | - | - |
| 234 | 2014 Kenworth Water Truck (3500 Gal.) | 14 | 2013 | 2027 | 138,000.00 | 125,000 | - | - | - | - | - | - |
| 235 | 2006 Ford F150 Pickup | 10 | 2006 | 2016 | 16,431.00 | 18,000 | 18,000 | - | - | - | - | - |
| 236 # | 1989 Chev. K3500 4-WD Pickup (grass rig) | | 1989 | | 13,737.00 | | - | - | - | - | - | - |
| 237 | 2008 Ford F350 1 Ton Dump Truck (4-WD) | 10 | 2008 | 2018 | 34,500.00 | 40,100 | - | - | 40,100 | - | - | - |
| 238 | 2006 Ford F350 1 Ton Dump Truck (4-WD) | 10 | 2006 | 2016 | 32,252.00 | 40,100 | 40,100 | - | - | - | - | - |
| 240 | 2008 Isuzu Trash Truck | 10 | 2008 | 2018 | 70,233.00 | 81,500 | - | - | 81,500 | - | - | - |
| 241 | 2011 Dodge 1/2 Ton Pickup | 10 | 2011 | 2021 | 18,662.00 | 19,000 | - | - | - | - | - | 19,000 |
| 243 | 2010 Dodge 3/4 Ton Pickup (4-WD) W/7.5' Boss Plow | 10 | 2010 | 2020 | 19,646.00 | 20,000 | - | - | - | - | 20,000 | - |
| 246 | 2007 Ford F350 1 Ton Dump Truck (4-WD) | 10 | 2007 | 2017 | 34,252.00 | 40,100 | - | 40,100 | - | - | - | - |
| 247 | 2007 Ford F250 ¾ Ton Pickup | 10 | 2007 | 2017 | 21,222.00 | 25,500 | - | 25,500 | - | - | - | - |
| 248 | 2008 Ford F250 ¾ Ton Pickup (4-WD) | 10 | 2008 | 2018 | 21,630.00 | 25,500 | - | - | 25,500 | - | - | - |
| 249 | 2014 Ford 1 Ton Drop Side Dump Truck (4-WD) 9' Unimount Pro-Plus Plow | 10 | 2014 | 2024 | 33,177.00 | 40,100 | - | - | - | - | - | - |
| 250 | 2014 Ford 1 Ton Drop Side Dump Truck (4-WD) 9' Unimount Pro-Plus Plow | 10 | 2014 | 2024 | 33,177.00 | 40,100 | - | - | - | - | - | - |
| 260 | 2011 Ford F350 1 Ton Dump Truck | 10 | 2011 | 2021 | 38,798.00 | 40,100 | - | - | - | - | - | 40,100 |
| 201 | Loader | 12 | 2007 | 2019 | 42,553.00 | 45,000 | - | - | - | 45,000 | - | - |
| 202 | Loader | 12 | 2013 | 2025 | 40,000.00 | 42,000 | - | - | - | - | - | - |
| 203 | 2009 JD 6230 (2-WD) Tractor W/Cab | 12 | 2009 | 2021 | 38,614.00 | 40,000 | - | - | - | - | - | 40,000 |
| 204 | 2011 JD 6230 Tractor | 12 | 2011 | 2023 | 40,153.00 | 40,000 | - | - | - | - | - | - |
| 206 | 2014 JD 5085E Tractor | 12 | 2015 | 2027 | 49,947.00 | 50,000 | - | - | - | - | - | - |
| 209 | 2005 Holder C-242 Tractor W/ 60" Snow Blower & 50" V-Plow | 12 | 2005 | 2017 | 59,481.00 | 90,000 | - | 90,000 | - | - | - | - |
| 210 | 2007 Trackless Mod. MT5T 3001 Tractor W/ 51" Snow Blower & 49" V-Plow | 10 | 2006 | 2016 | 86,600.00 | 90,000 | 90,000 | - | - | - | - | - |
| 211 | 2012 Toro 5900 Grounds Master | 6 | 2012 | 2018 | 76,600.00 | 84,000 | - | - | 84,000 | - | - | - |

Vehicle & Equipment Replacement Fund

PARKS DEPARTMENT

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace Cycle Years | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | future replacement cost | | | | | |
|---------------------------|--|-------------------------------------|--------------------|-----------------|------------------|--|-------------------------|----------------|----------------|---------------|----------------|----------------|
| | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| 212 | 2002 JD 110 (4-WD) Tractor W/Loader & Backhoe | 15 | 2002 | 2017 | 48,143.00 | 54,000 | - | 54,000 | - | - | - | - |
| 215 | 2013 Toro 580D Grounds Master | 7 | 2013 | 2020 | 72,000.00 | 73,800 | - | - | - | - | 73,800 | - |
| 216 | 2002 Bobcat 763 Skid Loader W/Cab | 15 | 2002 | 2017 | 20,951.00 | 30,000 | - | 30,000 | - | - | - | - |
| 217 | 2005 New Holland TV145 Bi-directional Tract | 12 | 2005 | 2017 | 78,691.00 | 80,000 | - | 80,000 | - | - | - | - |
| 218 | 2014 Toro GM4700-D Mower | 7 | 2014 | 2021 | 66,000.00 | 66,000 | - | - | - | - | - | 66,000 |
| 220 | 2014 Toro GM4700-D Mower | 7 | 2014 | 2021 | 66,000.00 | 66,000 | - | - | - | - | - | 66,000 |
| 222 | 2015 Holder C270 Tractor w/Broom, Snowblower & Plow | 12 | 2015 | 2027 | 124,940.00 | 125,000 | - | - | - | - | - | - |
| 244 | 2009 Toro GM 4700-D | 7 | 2009 | 2016 | 55,970.00 | 66,000 | 66,000 | - | - | - | - | - |
| 251 | 2005 New Holland TV145 Tractor w/ Snowblower | 12 | 2005 | 2017 | 69,757.00 | 77,000 | - | 77,000 | - | - | - | - |
| 252 | 2009 Kawasaki 4x4 Mule 4010 | 7 | 2009 | 2016 | 11,324.00 | 27,000 | 27,000 | - | - | - | - | - |
| 253 | Liner | 6 | 2011 | 2017 | 10,000.00 | 13,500 | - | 13,500 | - | - | - | - |
| 254 | 2015 Toro Workman HDX-D Utility Cart w/Groomer-Leveler | 6 | 2015 | 2021 | 26,770.00 | 26,770 | - | - | - | - | - | 26,800 |
| 255 | 2014 Kawasaki 4x4 Mule 4010 | 6 | 2014 | 2020 | 12,000.00 | 12,350 | - | - | - | - | 12,400 | - |
| 256 | 1997 Smithco Grass Sweeper 77-100-B | 19 | 1997 | 2016 | 18,123.00 | 23,000 | 23,000 | - | - | - | - | - |
| 257 | 2014 Toro Workman 3200 Utility Cart w/Groomer-Leveler | 6 | 2014 | 2020 | 27,000.00 | 27,800 | - | - | - | - | 27,800 | - |
| 258 | 2013 Kawasaki Mule | 6 | 2013 | 2019 | 10,000.00 | 11,000 | - | - | - | 11,000 | - | - |
| 259 | 2010 Toro Workman | 7 | 2010 | 2017 | 21,018.00 | 23,000 | - | 23,000 | - | - | - | - |
| 262 | 2006 Grass/Trash Sweeper | 10 | 2006 | 2016 | 26,103.00 | 26,000 | 26,000 | - | - | - | - | - |
| 272 | 2004 Toro Rake-O-Vac Turf Sweeper | 12 | 2004 | 2016 | 21,879.00 | 32,000 | 32,000 | - | - | - | - | - |
| 274 | 2008 Olympia 82.5" Ice Resurfacers | 12 | 2008 | 2020 | 10,118.00 | 12,000 | - | - | - | - | 12,000 | - |
| 286 | 2003 Bannerman BTD-20 Turf Topdresser | 20 | 2003 | 2023 | 14,537.00 | 17,000 | - | - | - | - | - | - |
| 290 | 2001 AERA-vator 80" Aerator | 15 | 2001 | 2016 | 8,048.00 | 10,500 | 10,500 | - | - | - | - | - |
| 292 | 2005 Neary Bedknife Grinder | 12 | 2005 | 2017 | 10,609.00 | 13,200 | - | 13,200 | - | - | - | - |
| 293 | 2005 Foley Reel Grinder | 12 | 2005 | 2017 | 24,747.00 | 30,000 | - | 30,000 | - | - | - | - |
| TOTALS | | | | | 2,128,495 | 2,337,220 | 513,600 | 476,300 | 231,100 | 77,000 | 146,000 | 257,900 |

Will not be replaced

Vehicle & Equipment Replacement Fund

PW - NATURAL RESOURCES

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace Cycle Years | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | 2016 | future replacement cost | | | | |
|---------------------------|-------------------------------|-------------------------------------|--------------------|-----------------|------------------|--|------|-------------------------|--------|------|------|------|
| | | | | | | | | 2017 | 2018 | 2019 | 2020 | 2021 |
| 601 | 2013 Chev ½ Ton Pickup (4-WD) | 10 | 2013 | 2023 | 20,750.00 | 23,250 | - | - | - | - | - | - |
| 603 | 2008 Chev ½ Ton Pickup (4 WD) | 10 | 2008 | 2018 | 20,487.00 | 23,250 | - | - | 24,400 | - | - | - |
| TOTALS | | | | | 41,237 | 46,500 | - | - | 24,400 | - | - | - |

Vehicle & Equipment Replacement Fund

PW - STREET MAINTENANCE

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace | In-service Date | Replace Year | Original Cost | Estimated 2016 | 2016 | future replacement cost | | | | |
|---------------------------|---|-------------------|--------------------|-----------------|------------------|-------------------|---------|-------------------------|---------|---------|--------|--------|
| | | Cycle Years | | | | Purchase Price | | 2017 | 2018 | 2019 | 2020 | 2021 |
| 300 | 2010 Mack Dump Truck GU812 | 12 | 2010 | 2022 | 179,444.00 | 212,000 | - | - | - | - | - | - |
| 301 | 2010 Mack Dump Truck GU812 | 12 | 2011 | 2023 | 179,802.00 | 212,000 | - | - | - | - | - | - |
| 305 | 2010 Mack Dump Truck GU812 | 12 | 2011 | 2023 | 179,802.00 | 212,000 | - | - | - | - | - | - |
| 307 | 2016 Kenworth Dump Truck T470 | 13 | 2015 | 2028 | 208,500.00 | 212,000 | - | - | - | - | - | - |
| 310 | 2015 Kenworth Dump Truck T470 | 12 | 2014 | 2026 | 207,000.00 | 212,000 | - | - | - | - | - | - |
| 312 | 2015 Kenworth Dump Truck T470 | 12 | 2014 | 2026 | 207,000.00 | 212,000 | - | - | - | - | - | - |
| 313 | 2007 Chev ¾ Ton Pickup (4-WD) | 10 | 2007 | 2017 | 22,460.00 | 34,000 | - | 34,900 | - | - | - | - |
| 314 | 2006 Sterling Dump Truck L7500 | 12 | 2006 | 2018 | 150,000.00 | 212,000 | - | - | 222,700 | - | - | - |
| 316 | 2008 Chev ¾ Ton Pickup (4-WD) | 10 | 2008 | 2018 | 20,755.00 | 34,000 | - | - | 35,700 | - | - | - |
| 319 | 2007 Sterling Dump Truck LT7500 (Tande | 12 | 2007 | 2019 | 163,550.00 | 225,000 | - | - | - | 242,300 | - | - |
| 322 | 2010 Mack Dump Truck GU812 | 12 | 2010 | 2022 | 179,444.00 | 212,000 | - | - | - | - | - | - |
| 323 | 2005 Ford F550 Dump Truck | 12 | 2005 | 2017 | 59,140.00 | 70,000 | - | 71,800 | - | - | - | - |
| 325 | 2007 Ford F550 Dump Truck | 10 | 2007 | 2017 | 61,529.00 | 70,000 | - | 71,800 | - | - | - | - |
| 326 | 2002 Ford F550 Bucket Truck | 15 | 2002 | 2017 | 72,027.00 | 100,000 | - | 102,500 | - | - | - | - |
| 327 | 2016 Kenworth Dump Truck T470 | 13 | 2015 | 2028 | 208,500.00 | 212,000 | - | - | - | - | - | - |
| 330 | 2011 Ford F750 Bucket Truck | 15 | 2011 | 2026 | 115,658.00 | 116,000 | - | - | - | - | - | - |
| 331 | 2013 Chev ¾ Ton Ext. Cab Pickup (4-WD) | 10 | 2013 | 2023 | 34,000.00 | 34,850 | - | - | - | - | - | - |
| 336 | 2015 SPH-0 Blacktop Trailer | 20 | 2015 | 2035 | 52,000.00 | 52,000 | - | - | - | - | - | - |
| 337 | 2015 Chev ¾ Ton Pickup (4-WD) | 10 | 2014 | 2024 | 35,000.00 | 36,000 | - | - | - | - | - | - |
| 338 | 2000 Ford F550 Bucket/Sign Truck | 16 | 2000 | 2016 | 92,654.00 | 100,000 | 100,000 | - | - | - | - | - |
| 340 | 2015 Ford F550 Dump Truck | 10 | 2015 | 2025 | 71,850.00 | 70,000 | - | - | - | - | - | - |
| 341 | 2013 Chev ¾ Ton Ext. Cab Pickup (4-WD) | 10 | 2013 | 2023 | 34,000.00 | 34,850 | - | - | - | - | - | - |
| 344 | 2005 Sterling Dump Truck LT7500 (Tande | 12 | 2006 | 2018 | 65,693.00 | 225,000 | - | - | 236,400 | - | - | - |
| 360 | 2010 GMC 3/4 Ton Pickup (4-WD) | 10 | 2010 | 2020 | 23,256.00 | 34,000 | - | - | - | - | 37,500 | - |
| 361 | 2010 Ford F550 Dump Truck | 10 | 2010 | 2020 | 50,822.00 | 70,000 | - | - | - | - | 77,300 | - |
| 362 | 2011 Chev 1 Ton Dump Truck | 10 | 2011 | 2021 | 45,000.00 | 45,000 | - | - | - | - | - | 50,900 |
| 381 | 2002 Sterling Dump Truck L7500 | 15 | 2001 | 2016 | 80,000.00 | 212,000 | 212,000 | - | - | - | - | - |
| 302 | 1994 Model XA5905D Compressor | 25 | 1994 | 2019 | 11,000.00 | 18,000 | - | - | - | 19,400 | - | - |
| 303 | 2011 CAT Tractor Backhoe Model 430E | 15 | 2011 | 2026 | 102,659.00 | 103,000 | - | - | - | - | - | - |
| 309 | 2010 Vermeer BC 1800 XL Chipper | 10 | 2010 | 2020 | 45,674.00 | 47,000 | - | - | - | - | 51,900 | - |
| 321 # | 1983 CASE 450 Dozer | | 1983 | | 32,750.00 | | - | - | - | - | - | - |
| 328 | 1998 Daewoo Forklift | 20 | 1998 | 2018 | 18,500.00 | 23,000 | - | - | 24,200 | - | - | - |
| 329 # | 1993 853 Skid Loader | | 1993 | | 26,400.00 | | - | - | - | - | - | - |
| 332 | 2006 Skid Loader A-300 | 11 | 2006 | 2017 | 35,800.00 | 37,000 | - | 37,900 | - | - | - | - |
| 333 | 2004 JCB 520 Loadall Teles. Load Handle | 15 | 2004 | 2019 | 44,368.00 | 51,000 | - | - | - | 54,900 | - | - |
| 334 | 2007 AEBI TT75 Tractor | 15 | 2007 | 2022 | 85,000.00 | 88,000 | - | - | - | - | - | - |
| 335 | 2012 JD 997 Mower | 5 | 2012 | 2017 | 15,675.00 | 16,100 | - | 16,500 | - | - | - | - |

Vehicle & Equipment Replacement Fund

PW - STREET MAINTENANCE

| CITY | VEHICLE NUMBER | MAKE/MODEL | Target Replace | In-service Date | Replace Year | Original Cost | Estimated 2016 | 2016 | future replacement cost | | | | |
|-------------------------------|----------------|---|----------------|-----------------|--------------|---------------|----------------|---------|-------------------------|---------|---------|---------|---------|
| | | | Cycle Years | | | | Purchase Price | | 2017 | 2018 | 2019 | 2020 | 2021 |
| | 342 | 2003 Chipper (replacement held off) | 13 | 2003 | 2021 | 25,280.00 | 47,000 | - | - | - | - | - | 53,200 |
| | 343 | 1990 Rotary Snow Blower | | 1990 | | 60,264.00 | | - | - | - | - | - | - |
| | 345 | 2015 Model SC802 Stump Grinder | 22 | 2015 | 2037 | 39,245.00 | 39,245 | - | - | - | - | - | - |
| | 346 | 2014 Toolcat 5600 | 10 | 2014 | 2024 | 52,333.00 | 53,500 | - | - | - | - | - | - |
| | 347 | 2006Toolcat 5600 | 11 | 2006 | 2017 | 35,000.00 | 53,500 | - | 54,800 | - | - | - | - |
| | 349 | 2012 JD 997 Mower | 5 | 2012 | 2017 | 15,676.00 | 16,100 | - | 16,500 | - | - | - | - |
| | 350 | 2012 New Holland Bi-directional Tractor | 15 | 2012 | 2027 | 134,000.00 | 135,000 | - | - | - | - | - | - |
| | 351 | 1987 CAT 950B Loader | 29 | 1987 | 2016 | 109,033.00 | 200,000 | 200,000 | - | - | - | - | - |
| | 352 # | 1987 CAT 950B Loader | | 1987 | | 98,879.00 | | - | - | - | - | - | - |
| | 353 # | 2006 Power Boss Sweeper | | 2006 | | 31,445.00 | 35,000 | - | - | - | - | - | - |
| | 354 | 2008 Dura Patch 125DJT | 15 | 2008 | 2023 | 52,000.00 | 55,000 | - | - | - | - | - | - |
| | 355 | 2013 New Holland Bi-directional Tractor | 15 | 2013 | 2028 | 143,000.00 | 146,500 | - | - | - | - | - | - |
| | 363 | 2012 JCB 520 Loadall Teles. Load Handle | 15 | 2012 | 2027 | 63,500.00 | 64,000 | - | - | - | - | - | - |
| | 371 | 2013 Doosan Ingersoll Rand Air Compres: | 25 | 2013 | 2038 | 14,400.00 | 14,750 | - | - | - | - | - | - |
| | | 2003 Crash Attenuator | 13 | 2003 | 2016 | 12,000.00 | 15,000 | 15,000 | - | - | - | - | - |
| | 3M54 # | 1990 Manhole Cutter | | 1990 | | 13,280.00 | | - | - | - | - | - | - |
| # Will not be replaced | | | | | | 4,116,047 | 4,728,395 | 527,000 | 406,700 | 519,000 | 316,600 | 166,700 | 104,100 |

Vehicle & Equipment Replacement Fund

PW - STORM WATER UTILITY

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace | In-service Date | Replace Year | Original Cost | Estimated 2016 | 2016 | future replacement cost | | | 2020 | 2021 |
|---------------------------|-----------------------------------|-------------------|--------------------|-----------------|------------------|-------------------|------|-------------------------|------|--------|---------|------|
| | | Cycle Years | | | | Purchase Price | | 2017 | 2018 | 2019 | | |
| 604 | 2009 Chev Malibu | 10 | 2009 | 2019 | 17,742.00 | 21,500 | - | - | - | 23,200 | - | - |
| 304 | 2011 Elgin Pelican Street Sweeper | 15 | 2011 | 2026 | 185,600.00 | 190,500 | - | - | - | - | - | - |
| 306 | 2015 Elgin Pelican Street Sweeper | 17 | 2015 | 2032 | 198,931.00 | 190,500 | - | - | - | - | - | - |
| 317 # | 1998 Elgin Pelican Street Sweeper | | 1985 | | 63,000.00 | | - | - | - | - | - | - |
| 324 | 2005 Elgin Crosswind J Sweeper | 15 | 2005 | 2020 | 136,946.00 | 175,000 | - | - | - | - | 193,200 | - |
| | | | | | 602,219 | 577,500 | - | - | - | 23,200 | 193,200 | - |

Will not be replaced

Utilities - Equipment Replacement Schedule

PW - UTILITIES (WATER / SEWER)

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace Cycle Years | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | future replacement cost | | | | | |
|---------------------------|--|-------------------------------------|--------------------|-----------------|------------------|--|-------------------------|---------------|----------------|---------------|----------------|----------------|
| | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| 404 | 2015 Chev 1 Ton Utility Pickup (4-WD) | 10 | 2015 | 2025 | 60,000 | 60,000 | - | - | - | - | - | - |
| 406 | 2008 Chev 3/4 Ton Ext. Cab Pickup (4 | 10 | 2008 | 2018 | 22,469 | 34,000 | - | - | 35,700 | - | - | - |
| 408 | 2010 GMC 3/4 Ton Pickup (4-WD) | 10 | 2010 | 2020 | 23,256 | 34,000 | - | - | - | - | 37,500 | - |
| 411 | 2015 Chev 3/4 Ton Ext. Cab Pickup (4 | 10 | 2014 | 2024 | 29,850 | 34,000 | - | - | - | - | - | - |
| 419 | 2009 Chev 3/4 Ton Pickup (4-WD) | 10 | 2009 | 2019 | 21,386 | 34,000 | - | - | - | 36,600 | - | - |
| 421 | 2009 Chev 3/4 Ton Pickup (4-WD) | 10 | 2009 | 2019 | 33,920 | 34,000 | - | - | - | 36,600 | - | - |
| 704 | 2012 John Deere 997 Mower | 5 | 2012 | 2017 | 15,500 | 16,700 | - | 17,100 | - | - | - | - |
| 416 | 2012 Chev 3/4 Ton Ext. Cab Pickup (4 | 10 | 2012 | 2022 | 24,600 | 34,000 | - | - | - | - | - | - |
| 466G | 2011 Cat 125KW Portable Generator | 25 | 2011 | 2036 | 57,000 | 61,000 | - | - | - | - | - | - |
| Subtotal Water | | | | | 287,981 | 341,700 | - | 17,100 | 35,700 | 73,200 | 37,500 | - |
| 402 | 2006 Freightliner M2 Jetter | 12 | 2006 | 2018 | 166,075 | 175,000 | - | - | 183,900 | - | - | - |
| 403 | 2001 VersaVac | 20 | 2001 | 2021 | 45,000 | 52,000 | - | - | - | - | - | 58,800 |
| 417 | 2015 Chev 1-Ton Utility Truck | 10 | 2015 | 2025 | 83,000 | 85,000 | - | - | - | - | - | - |
| 425 | 2013 Easement Machine | 20 | 2013 | 2033 | 32,000 | 32,800 | - | - | - | - | - | - |
| 427 | 2009 Port. Changeable Message Board | 12 | 2009 | 2021 | 16,700 | 17,000 | - | - | - | - | - | 19,200 |
| 428 | 2012 Cornell Pump | 20 | 2013 | 2033 | 40,132 | 41,200 | - | - | - | - | - | - |
| 401 | 2010 Mack Gap Vax Sewer Cleaner | 8 | 2010 | 2018 | 320,000 | 350,000 | - | - | 367,700 | - | - | - |
| 409 | 2012 Chev 3/4 Ton Ext. Cab Pickup (4 | 10 | 2012 | 2022 | 24,600 | 34,000 | - | - | - | - | - | - |
| 412 | 2011 GMC 3/4 Ton Pickup (4-WD) | 10 | 2011 | 2021 | 24,505 | 34,000 | - | - | - | - | - | 38,500 |
| 414 | 2011 GMC 3/4 Ton Pickup w/ Tommy | 10 | 2011 | 2021 | 24,505 | 34,000 | - | - | - | - | - | 38,500 |
| 418 | 2010 GMC 3/4 Ton Ext. Cab Pickup (4 | 10 | 2010 | 2020 | 25,511 | 34,000 | - | - | - | - | 37,500 | - |
| 422 | 2008 Chev Sewer Camera Express Vc | 12 | 2008 | 2020 | 33,657 | 35,000 | - | - | - | - | 38,600 | - |
| 451G # | 1985 Kohler Portable Generator | | 1985 | | 24,000 | | - | - | - | - | - | - |
| 452G | 1999 Olympia Portable Generator | 25 | 1999 | 2024 | 31,982 | 50,000 | - | - | - | - | - | - |
| Subtotal Sewer | | | | | 891,667 | 974,000 | - | - | 551,600 | - | 76,100 | 155,000 |
| TOTALS | | | | | 2,359,296 | 2,631,400 | - | 17,100 | 587,300 | 73,200 | 113,600 | 155,000 |

Will not be replaced

Golf Equipment Schedule

VALLEYWOOD GOLF

| CITY VEHICLE NUMBER | MAKE/MODEL | Target Replace Cycle Years | In-service Date | Replace Year | Original Cost | Estimated 2016 Purchase Price | future replacement cost | | | | | |
|---------------------------|------------------------------------|-------------------------------------|--------------------|-----------------|------------------|--|-------------------------|---------|---------|---------|---------|---------|
| | | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | |
| 504 | 2009 Toro Mower, Greensmaster 3150 | | 2009 | 2020 | 20,000 | 40,000 | - | - | - | - | 40,000 | |
| 505 | 2010 Smithco Greens Roller | | 2010 | | 11,000 | - | - | - | - | - | - | |
| 506 | 2009 Toro Mower, Greensmaster 3150 | | 2009 | 2019 | 20,000 | 45,000 | - | - | - | 45,000 | - | |
| 520 | 2005 Toro Mower, Greens 3000 | | 2005 | | 22,500 | 40,000 | - | - | - | - | - | |
| 523 | 2005 Toro Mower, Greens 3100 | | 2005 | 2017 | 22,500 | 45,000 | - | 45,000 | - | - | - | |
| 507 | 2006 Toro Mower, Rough 4700D | | 2006 | 2017 | 47,000 | 60,000 | - | 60,000 | - | - | - | |
| 522 | 1999 Toro Mower, Reelmaster 5200D | | 1999 | 2016 | 35,000 | 50,000 | 50,000 | - | 40,000 | - | - | |
| 527 | 2012 Toro Mower, Reelmaster 5200D | | 2012 | 2020 | 47,000 | 50,000 | - | - | - | - | 50,000 | |
| 530 | 2008 Toro Mower, Fairway 4700D | | 2008 | 2019 | 47,000 | 50,000 | - | - | - | 50,000 | - | |
| 558 | 5200D | | 2002 | 2019 | 35,000 | 40,000 | - | - | - | 40,000 | - | |
| 514 | 1978 JD Tractor Loader 401C | | 1978 | 2020 | 12,000 | 80,000 | - | - | - | - | 80,000 | |
| 586 | 1989 Bobcat Skidloader Backhoe | | 1989 | | 14,950 | 25,000 | - | - | - | - | - | |
| 535 | 1998 Ryan Aerator | | 1998 | 2017 | 30,000 | 20,000 | - | 20,000 | - | - | - | |
| 519 | 1988 Cushman Core Harvester | | 1988 | 2018 | 5,000 | 15,000 | - | - | 15,000 | - | - | |
| 528 | 2012 Toro Zero-Turn | | 2012 | 2018 | 20,000 | 20,000 | - | - | 20,000 | - | - | |
| 547 | 1999 Toro 5500 Sprayer (Large) | | 1999 | 2018 | 37,000 | 60,000 | - | - | 60,000 | - | - | |
| | Sprayer (small) | | | 2016 | | 40,000 | 40,000 | - | - | - | - | |
| 518 | 2001 Dakota Spreader | | 2001 | 2019 | 9,850 | 15,000 | - | - | - | 15,000 | - | |
| | Spreader | | | 2016 | | 15,000 | 15,000 | - | - | - | - | |
| 581 | 2010 Pro Force Leaf Blower | | 2010 | | 6,200 | - | - | - | - | - | - | |
| | Sod Cutter | | | | | - | - | - | - | - | - | |
| | Spin Grinder | | | | | 60,000 | - | - | - | - | - | |
| 508 | 2009 Toro Utility, Worman | | 2009 | 2020 | 12,000 | 30,000 | - | - | - | - | 30,000 | |
| 509 | 2009 Toro Utility, Workman | | 2009 | 2018 | 14,000 | 25,000 | - | - | 25,000 | - | - | |
| 512 | 2009 Toro Utility, Worman | | 2009 | 2019 | 6,830 | 25,000 | - | - | - | 25,000 | - | |
| 510 | 2012 Cushman Utility, Truckster | | 2012 | 2017 | 13,000 | 25,000 | - | 25,000 | - | - | - | |
| 538 | 1996 Cushman Utility, Trap Rake | | 1996 | 2018 | 15,000 | 25,000 | - | - | 25,000 | - | - | |
| 529 | 2001 Toro Utility, Workman | | 2001 | | 10,000 | 20,000 | - | - | - | - | - | |
| 526 | 2001 Toro Utility, Workman | | 2001 | 2017 | 10,000 | 25,000 | - | 25,000 | - | - | - | |
| 517 | 2001 Toro Utility, Workman | | 2001 | 2016 | 12,842 | 20,000 | 20,000 | - | - | - | - | |
| | | | | | | | 125,000 | 175,000 | 185,000 | 175,000 | 200,000 | |
| NEW | 2013 EZGO Golf Carts (55 total) | | 2013 | | \$4500/cart | 290,000 | 40,000 | 35,000 | 35,000 | 35,000 | 35,000 | |
| TOTALS | | | | | | 535,672 | 1,255,000 | 165,000 | 210,000 | 220,000 | 210,000 | 235,000 |