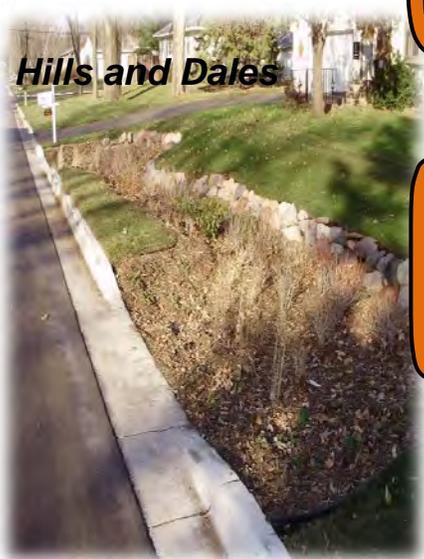




Carsgrove Meadows Area Improvements



Hills and Dales

City of Maplewood Adopted Capital Improvement Plan 2012-2016



Joy Park Shoreline

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INTRODUCTION

CITY OF MAPLEWOOD, MINNESOTA

PRINCIPAL CITY OFFICIALS

APRIL 2011

CITY COUNCIL

WILLIAM ROSSBACH, MAYOR
Term Expires 01-05-2014

KATHLEEN JUENEMANN, COUNCILMEMBER
Term Expires 01-05-2014

JAMES LLANAS, COUNCILMEMBER
Term Expires 01-05-2014

JOHN NEPHEW, COUNCILMEMBER
Term Expires 01-02-2012

MARV KOPPEN, COUNCILMEMBER
Term Expires 01-02-2012

CITY MANAGERIAL STAFF

<u>Employee</u>	<u>Position</u>	<u>Date Appointed</u>
James W. Antonen	City Manager	March 9, 2009
R. Charles Ahl	Assistant City Manager	March 24, 2009
R. Charles Ahl	Director of Public Works	March 5, 2001
R. Charles Ahl	Director of Community & Economic Development	January 1, 2011
Gayle Bauman	Finance Manager	May 10, 2010
DuWayne Konewko	Director of Parks & Recreation	January 1, 2011
Mychal Fowlds	Information Technology Director	February 6, 2006
Karen Guilfoile	Citizen Services Director	August 5, 1996
Steve Lukin	Fire Chief	March 17, 2000
Michael Thompson	City Engineer/Deputy Director of Public Works	March 30, 2009
Dave Thomalla	Police Chief	November 16, 2002



Mayor and City Council

Honorable Mayor and Council Members:

The 2012 – 2016 Proposed Capital Improvement Plan (CIP) for the City of Maplewood is submitted herewith. The intent of this document is to coordinate the planning, financing and timing of major equipment purchases and construction projects. The document is divided into four sections: Introduction, Debt Capacity and Financing Strategy, Project Details, and Appendix.

The focus of this CIP is on the maintenance and protection of the City's existing assets, its buildings and streets/infrastructure, as well as to begin an investment into Public Safety facilities. This Public Safety facility investment is a major Council goal as established at the February 2011 City Council – Staff Retreat. The staff has spent numerous hours of analysis in an attempt to provide the most cost-effective and prioritized projects for 2012 - 2016 to meet that focus. This effort includes a summarized look forward at the 2012 Budget and provides an outlook for the budget based upon Council input on the level of a levy increase for the priorities within this plan.

Highlights of the 2012 – 2016 CIP are:

1. The proposed construction of a new Fire Station in 2012 – 2013 within the Southern Leg of Maplewood near or possibly on the 3M Campus. This new Fire Station would replace the stations on Century Avenue, near Maryland Avenue, and the Fire Station at Londin Lane. This is part of a revamping and consolidation of fire service that provides for enhanced fire delivery over the next 40 – 50 years for Maplewood. As the construction of a new Fire Station allows for the abandonment of the stations on Century Avenue and on Londin Lane, the consolidation of service also provides for the abandonment of the Fire Station on McMenemy Road. The sale of these old stations and the property, that are in bad need of repair, will generate funds for the reconstruction in 2014 – 2015 of Fire Station #7, located at Hazelwood Avenue and County Road C. These proposed improvements are new to this year's Capital Improvement Plan and will likely require a new 2.0% levy increase.
2. The proposed expansion of the Maplewood Police Department at City Hall. A space needs study will be performed during 2011 to determine the extent of improvements necessary for Police Department needs. The current plan calls for a 2012 – 2013 expansion of the Police Department wing of City Hall to provide unspecified needs that will be identified in the 2011 space needs study. Various functions at City Hall may be relocated to accommodate some of the Police Department needs. A proposal for a major expansion and new Police Department facility was reviewed but has been moved to the unmet needs area and a referendum will need to be considered for funding that large \$10.0+ million expense.
3. In 2007 through 2010, the City Council was presented with plans to advance roadway reconstruction projects to take advantage of competitive pricing and to address a deteriorating roadway system. The plan called for an annual expenditure of \$10,000,000 through 2012 for neighborhood street upgrades. This advanced plan resulted in very favorable bids in each of those years, saving the City millions of dollars in the program approaching 25-30% of the estimated costs. This expanded program has resulted in a major increase in debt service



payments in the current and future years. Due to the Council's desire to reduce the amount of City debt and stabilize the tax levy for debt service, the CIP no longer reflects that expanded effort and a number of projects have been deferred to minimize debt levy increases. The City debt service levels are projected to begin a reduction but not until 2015, so this CIP reflects a major slowing down of the investment in infrastructure. The projections for expenses to this program begins to diminish in 2012 and is accompanied by an equivalent reduction in Public Works expenses to offset the debt needs in 2012, making the street project a revenue neutral proposal. This reduced investment in streets and infrastructure is being done to accommodate other facility needs within the City; but should not be extended for more than 2 – 3 years to avoid a repeat of the City's lack of investment in infrastructure that occurred in the late 1980's and early 1990's that cost the city to embark on an expanded program through the first decade of the 21st Century.

4. The Gladstone redevelopment initiative is reflected in this plan. Major improvements totaling \$6,000,000 are planned for Phase 1 in 2011 and 2012, plus an additional \$1,100,000 for the Gladstone Savanna in 2012. The second phase of the redevelopment is estimated to occur in 2014-15 at \$4,100,000 while the third phase has been delayed in this plan until post 2016 due to lack of funding. The staff reviewed redevelopment plans for other areas of the community and reviewed options for beginning the Hillcrest Area Redevelopment during this timeframe. Unfortunately, funding limitations required that the Hillcrest Area Redevelopment initiative not be started until Gladstone is completed, which delays that important project to post-2016 as well. In addition, proposals for a Housing Redevelopment Fund and a Commercial Property Redevelopment Fund are not funded.
5. Development of a Master Trail Plan was a priority for the City in 2008 to 2010. This Plan prioritizes the use of PAC fees for the acquisition and construction in existing parks and requires the delay of trail corridors and trail extensions. Construction of the transportation and recreational components to meet citizen needs and desires for trail connections and corridors throughout the community will remain within street projects as part of the reconstruction program and as a part of coordinated projects with Ramsey County and MnDOT, although due to the lack of funding being dedicated to the streets program, only minimal trail construction is proposed during the next five-year period.
6. It is proposed that \$50,000 of tax levy funds be dedicated in 2012 for Community Field Upgrades, as well as an additional \$50,000 in tax levy for Park Equipment replacements. There are no additional levy allocations beyond this allocation proposed for Park Improvements during the 2012 – 2016 planning period. This allocation is provided due to a commitment for a \$50,000 reduction in operating expenses within the Parks Department operating expenditures in 2012.
7. Additional improvements are proposed to continue maintenance of City facilities at the Maplewood Community Center (MCC). The Maplewood Community Center has been unable to support operational costs over the past years. A 5-year plan has been proposed by the management staff to bring a definite operational component along with a facility investment component into the annual subsidy discussion. This plan proposes an investment of \$150,000 in 2011 along with a \$100,000 investment into capital replacement and upgrades at the MCC while also making financial adjustments to the MCC Fund that provides for more sustainable operations in 2012. This increased allocation to MCC comes at the expense of replacement funding for projects at City Hall as well as within the Park Development Fund.



8. An annual expenditure of \$300,000 to \$400,000 is proposed for the planning period for replacement of vehicles and equipment in the Fleet Management Fund. This investment is necessary to keep maintenance costs to a minimum.
9. The Park Development Fund, noted above, is continuing to show a slow down of revenues as the housing market and building of commercial industrial facilities slows due to the slowing economy. A number of projects have been delayed or deferred from the requests of the Park Commission. Improvements at Joy Park were delayed and the improvements of Legacy Park and Goodrich Park have been substantially reduced to reflect this reduced expectation of Park Availability Charge [PAC] revenue to fund the projects. The request for a levy increase for park funding was reviewed, but does not appear doable within the next 3 – 5 years due to the commitment to Public Safety Facilities and the Maplewood Community Center.
10. A new addition to the previous CIP was the planned Fire Training Facility. The East Metro area is lacking in a quality fire training facility. This facility will allow firefighters to enhance their skills in a safe environment. Much of the cost of this facility was proposed to be financed with grants including the grant of the land from MnDOT along with an allocation of state bonding funds. At this time, it is not believed that state bond funds will be available, so this project and the proposed expenditures for improvements to the site are being delayed. If funding becomes available, the project will need to be moved back into the active column.
11. TH 36 and English Street will be under pressure to be revised to an interchange due to the project that removed signals from TH 36 in North St. Paul. Funding is proposed for a major interchange project in 2014-2015. Most funding, \$12,700,000 of the \$14,000,000 total will need to come from grants and MnDOT sources.

The total 2012 – 2016 CIP reflects a slight reduction in investment of capital assets. This CIP shows a 0.6% decrease from the previous year's program. The \$413,515 decrease is reflected in the changes and re-prioritization for new Fire Stations and an expansion of the Police Department as opposed to redevelopment. Significant re-prioritizing of funds shows that investment is proposed to decrease for redevelopment, equipment and parks and increase for buildings and public works infrastructure. The 2011 – 2015 CIP was a \$65.7 Million plan, while the proposed 2012 – 2106 CIP is listed for \$65.3 Million in expenditures. Some of this decreased cost is attributable to the delay and deferral of projects due to limited funding options.

As with the previous year, Deferred Projects are listed within the Appendix section of this CIP. These are projects that were recommended by staff and Commissions and are significant needs within the City. An analysis of the impacts of these projects identified that funding is not available under current programs totaling \$28,913,855. Due to the lack of funding dedicated to capital replacement and Council priorities established in February 2011, a number of projects were not proposed or have been removed, resulting in the decrease in the declined fund from last year's plan. If other funds become available, these projects may be reconsidered in future years.

The property tax impact of projects included in this CIP was evaluated. Estimates were prepared of the new tax levies that will be required to support these projects assuming that new bonds will be issued to finance CIP projects. For 2011, the city's total tax levy was \$17,503,454 and of that amount, \$3,958,103 was for debt service on bond issues. The total Debt outstanding for Maplewood is proposed to reach \$78,017,297 in 2011 based upon the current plan within this CIP. 2010 total debt



is \$78,972,297. The City's total debt is limited by statute to not more than 3% of market value of taxable property of the City. Very little of the debt of the City, approximately \$4,550,000 in 2010, is actually subject to the legal debt margin. Staff continues to monitor total city debt as a percent of market value with the intention of keeping total debt within 2%. With the new debt projected by this CIP, the City will remain at or below that objective and declines to 1.6% by 2016.

It is recommended that the CIP be formally adopted by the City Council following a Public Hearing that is required to be held by the Planning Commission. As part of this adoption process, a strong commitment is needed to follow the construction and financing schedule for the public improvement projects planned for 2012. This allows the City's engineering staff to be fully utilized and will minimize the need for consultant engineers. Also, it will facilitate the planning for the year 2012 bond issue by the Finance Department.

The CIP, by design, is a planning tool for City staff and elected officials. The CIP gives the City Council the flexibility to proceed with the proposed projects based on the political, economic, and financial realities of each year. After the CIP has been formally adopted by the City Council, the projects scheduled for 2012 will be included in the Proposed 2012 Budget document. This will provide the City Council another opportunity to review the proposed 2012 projects.

The 2012 – 2016 CIP presents an excellent combination of maintenance and redevelopment projects. By proceeding with these scheduled improvements, the City Council can be assured the City's infrastructure, facility and equipment needs meet those of its citizens.

R. Charles Ahl
Assistant City Manager

James W. Antonen
City Manager

HIGHLIGHTS OF THE CAPITAL IMPROVEMENT PLAN

The five-year total expenditures within the 2012-2016 C.I.P. are \$65,321,870. Changes by project category over the last C.I.P. are as follows:

	2010-2014 C.I.P	2011-2015 C.I.P	2012-2016 C.I.P	Increase Amount	(Decrease) Percent
Buildings	\$4,365,599	\$3,849,000	\$7,814,400	3,965,400	103.0%
Redevelopment	10,625,000	14,550,000	5,375,000	(9,175,000)	-63.1%
Equipment	3,731,659	3,089,185	2,947,470	(141,715)	-4.6%
Parks	6,300,000	6,900,000	6,750,000	(150,000)	-2.2%
Public Works	52,741,499	37,347,200	42,435,000	5,087,800	13.6%
TOTALS	\$77,763,757	\$65,735,385	\$65,321,870	(413,515)	-0.6%

The five largest projects within the C.I.P. are as follows:

1. TH 36 - English Intersection Improvements - \$14,000,000

Construction of this project is planned for 2013. With the recent improvements along TH36, this is the only remaining signaled intersection. \$2.5 million of City funding is anticipated with the rest coming from grants and other state funding.

2. Crestview/Highwood Area Streets - \$7,350,000

Construction of this project is planned for 2016. The majority of the streets will require partial reconstruction while others will require full reconstruction due to utilities improvements.

3. Gladstone Area Streetscape Phase I - \$6,000,000

Construction of this project is planned for 2011-2012. The majority of the project will include improvements that are coordinated with the redevelopment of the Tourist Cabin property.

4. Arkwright/Sunrise Area Streets - \$4,480,000

Construction of this project is planned for 2013. Replacement will include upgrades to the area drainage system in coordination with the improvements to the area streets.

5. Dennis/McClelland Area Streets - \$4,250,000

Construction of this project is planned for 2015. These streets have continued to deteriorate and will require a full street reconstruction with the addition of concrete curb and gutter.

Details regarding the projects included within the C.I.P. are in the third section of this document. The projects are grouped by neighborhoods and there is a separate page for each project. There are 49 projects in the current C.I.P. The 2011-2015 C.I.P. had 42 projects.

NEW PROJECTS IN THE CAPITAL IMPROVEMENT PLAN

Changes in project expenditures for the years 2012-2016 within this C.I.P. compared to the previous C.I.P. are as follows:

Year	2011-2015 C.I.P.	2012-2016 C.I.P.	Increase (Decrease)	
			Amount	Percent
2012	7,573,800	12,355,712	4,781,912	63.1%
2013	8,930,400	18,325,201	9,394,801	105.2%
2014	19,871,145	11,736,618	(8,134,527)	-40.9%
2015	10,017,910	14,123,031	4,105,121	41.0%
TOTALS	\$46,393,255	\$56,540,562	\$10,147,307	21.9%

Some of the changes listed above are due to changes in the time schedule for projects. The new projects total \$5,239,910. These projects are as follows:

BUILDINGS

\$1,250,000	Maplewood Community Center Improvements
53,400	Nature Center Building Improvements
<u>\$1,303,400</u>	

EQUIPMENT

\$125,000	Election Equipment
<u>\$125,000</u>	

PARKS

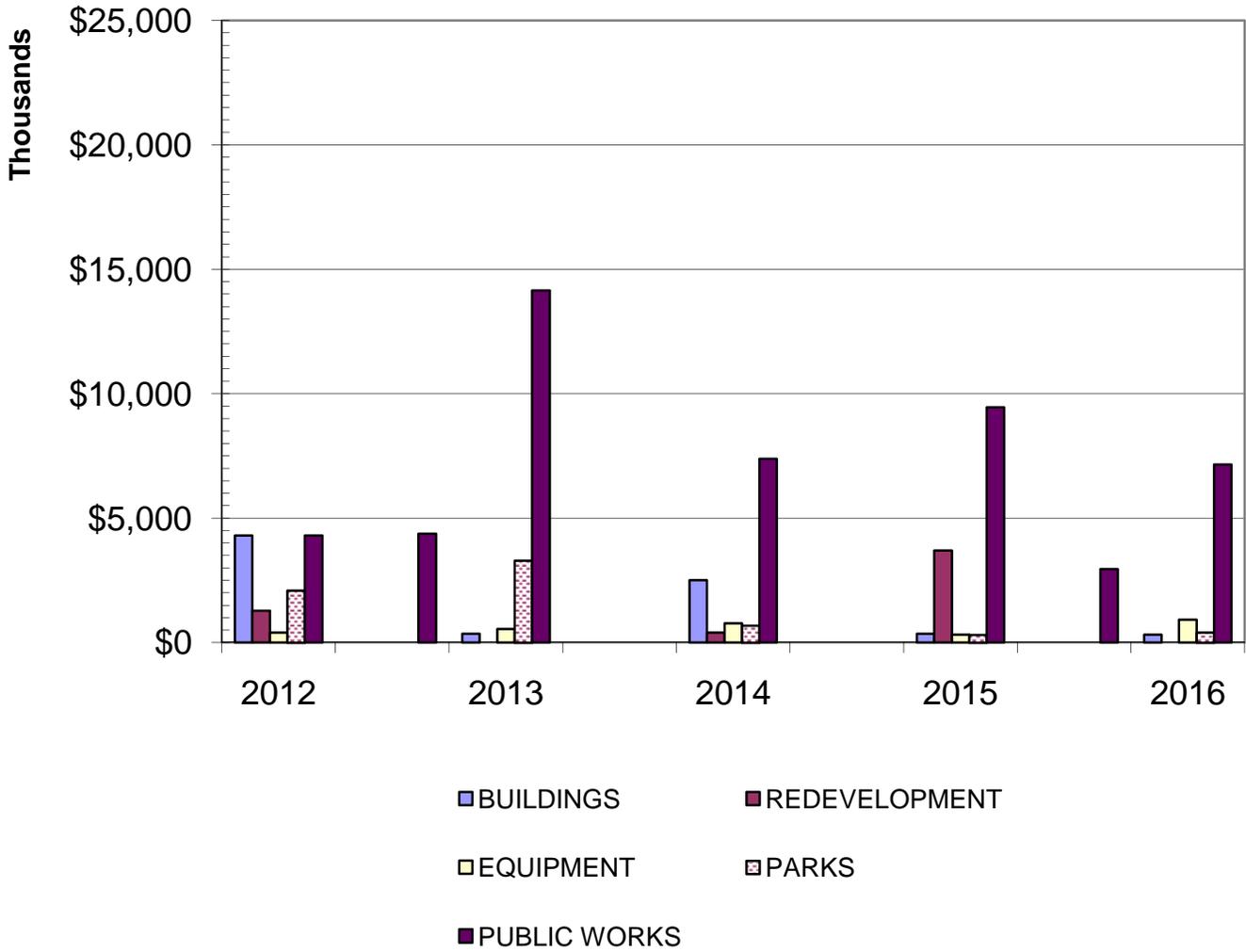
\$75,000	Legacy Park Improvements
<u>\$75,000</u>	

PUBLIC WORKS

\$2,140,000	Mill and Overlays
1,315,000	Sterling Street Bridge Replacement
110,000	MT-Trackless Maintenance Vehicle
58,026	Two 1/2 Ton Pickups
71,484	One Ton Truck
19,000	Crack Router
23,000	Grounds Sweeper
<u>\$3,736,510</u>	

<u><u>\$5,239,910</u></u>	Grand Total
---------------------------	-------------

PROJECTS BY CATEGORY 2012-2016



**FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS
BY PROJECT CATEGORY**

<u>PROJECT CATEGORY</u>	<u>ALLOCATION OF COSTS BY YEAR</u>					
	<u>TOTAL</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
BUILDINGS	\$7,814,400	\$4,300,000	\$350,000	\$2,503,400	\$350,000	\$311,000
REDEVELOPMENT	5,375,000	1,275,000	0	400,000	3,700,000	0
EQUIPMENT	2,947,470	395,712	545,201	773,218	313,031	920,308
PARKS	6,750,000	2,080,000	3,285,000	680,000	305,000	400,000
PUBLIC WORKS	42,435,000	4,305,000	14,145,000	7,380,000	9,455,000	7,150,000
TOTALS	\$65,321,870	\$12,355,712	\$18,325,201	\$11,736,618	\$14,123,031	\$8,781,308

SCHEDULE FOR CONSTRUCTION AND FINANCING OF 2012 PROJECTS

The Capital Improvement Plan coordinates the financing and timing of major equipment purchases and construction projects. Therefore, it is very important that the C.I.P. be followed as much as possible.

This is especially important for the Public Works and Finance Departments. Public improvement projects need to be scheduled to avoid peaks and valleys in workloads. This will allow the engineering staff in the Public Works Department to provide the engineering services required and minimize the need to hire engineering consultants. A closely followed schedule for construction projects will also facilitate Finance Department planning for bond issues.

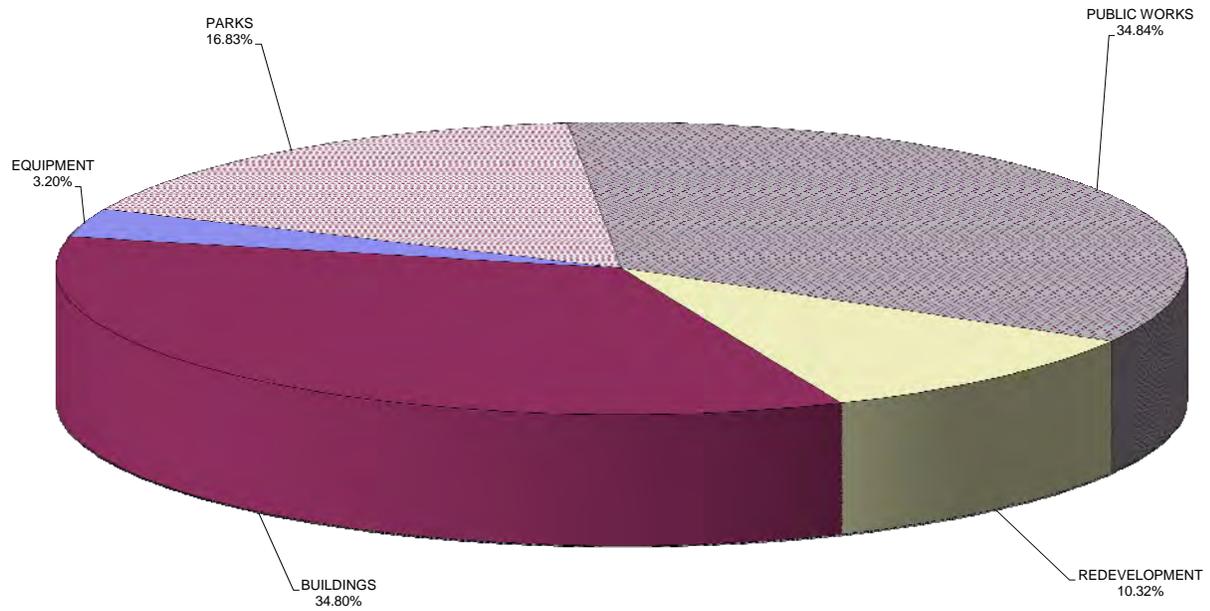
The schedule that needs to be followed for construction of the public improvement projects listed in this document for 2012 is as follows:

SCHEDULE FOR PUBLIC IMPROVEMENT PROJECTS TO BE CONSTRUCTED IN 2012	
August 2011	Begin Neighborhood Meetings
November 2011	Council receives Engineer's Report and orders Public Hearing
November 2011	Publish Legal Notice
December thru February 2012	Public Hearings; Order Improvement and Preparation Plans and Specifications
February 2012	Approve Plans and Specifications; Authorization to Advertise for Bids
March 2012	Award Bids

It is planned that bonds will be sold in May 2012 to finance the capital improvement projects that will be constructed in 2012. The schedule for the issuance of these bonds is as follows:

SCHEDULE FOR 2012 BOND ISSUE	
March 26, 2012	Last day for City Council to order projects to be financed by the bond issue
March 30, 2012	Financial data on projects to be financed due to financial consultant
April 13, 2012	Resolution setting bond sale due from bond council bond sale details due from financial consultant
April 23, 2012	City Council adoption of resolution authorizing bond issue
May 14, 2012	Official statement (prospectus) distributed to rating agency, City, and prospective bidders
May 16, 2012	Bond rating due from Standard and Poor's.
May 21, 2012	Bid opening and award of bids
June 18, 2012	Bond proceeds delivered to City

PROJECTS BY CATEGORY 2012



- REDEVELOPMENT
- BUILDINGS
- EQUIPMENT
- PARKS
- PUBLIC WORKS

PROJECTS SCHEDULED FOR 2012

PROJECT NUMBER	PROJECT TITLE	PROJECT CATEGORY	COST
FD10.010	Replacement of Fire Station	Buildings	\$4,000,000
MT12.010	Maplewood Community Center Improvements	Buildings	100,000
MT08.150	Police Department Expansion	Buildings	<u>200,000</u>
			\$4,300,000
PW11.020	Jetter Truck	Equipment	\$185,000
PW12.030	MT-Trackless Maintenance Vehicle	Equipment	110,000
PW09.030	Two 1 Ton Trucks and 1 One 1/2 Ton Truck	Equipment	<u>100,712</u>
			\$395,712
PM10.040	Gethsemane Park	Parks	\$375,000
PM11.010	Fish Creek Open Space	Parks	425,000
PM11.02	Lions Park Improvements	Parks	50,000
PM03.010	Community Field Upgrades	Parks	50,000
PM03.060	Park Equipment, Fence and Court Replacement	Parks	50,000
PM07.010	Gladstone Savanna Improvements	Parks	1,100,000
PM08.050	Open Space Improvements	Parks	<u>30,000</u>
			\$2,080,000
PW11.090	Arkwright/Sunrise Area Streets	Public Works	\$200,000
PW12.010	Mill and Overlays	Public Works	875,000
PW02.120	City Landfill Closure	Public Works	100,000
PW07.100	TH 36 & English Intersection Improvements	Public Works	800,000
PW08.070	Bartelmy Meyer Area Streets	Public Works	<u>2,330,000</u>
			\$4,305,000
CD04.010	Gladstone Area Streetscape - Phase 1	Redevelopment	<u>\$1,275,000</u>
			\$1,275,000
	Grand Total		\$12,355,712

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FUNDING SOURCES FOR THE CAPITAL IMPROVEMENT PLAN

Bonds and Notes:

Capital Notes – these are a form of short-term indebtedness that are backed by the full faith, credit, and taxing powers of the City of Maplewood. They are usually issued with a five-year term to finance large equipment purchases.

General Obligation Bonds – G.O. bonds are backed by the full faith, credit, and taxing powers of the City of Maplewood. Within this C.I.P. document, general obligation bonds means bonds that are 100% supported by tax levies. Bonds that are more than 80% supported by tax levies require voter approval before they can be issued.

General Obligation Improvement Bonds – these bonds are similar to General Obligation Bonds except they do not require voter approval for issuance. This is because they represent the portion of public improvement project costs that are not assessed. At least 20% of the project cost must be assessed to issue these bonds.

Municipal State Aid Bonds – these bonds are issued to finance improvements to municipal state-aid streets. Under state law, future allotments of state street aid are pledged to pay the principal and interest on the bonds. The bonds are also backed by the full faith, credit, and taxing powers of the city..

Special Assessment Bonds – these bonds are payable from charges made to property owners who benefit from public improvements. These charges are referred to as special assessments and are billed to property owners with their property taxes. Under state law, special assessment bonds can be issued without voter approval provided that at least 20% of the improvement cost has been assessed. Special assessment bonds issued by Maplewood also are backed by the full faith, credit, and taxing powers of the city.

Tax Increment Bonds – these bonds can be issued for housing, economic development (e.g., to pay for a site for a business), construction of public facilities or infrastructure, and redevelopment of blighted areas. The bonds can be revenue bonds or general obligation and are not subject to referendum approval.

Ambulance Service Fund –this fund was established in 2005 to account for customer service charges that are used to finance emergency medical services.

Capital Improvement Projects Fund – this fund was established to finance major capital outlay expenditures that cannot be easily financed by alternative revenue sources. Property taxes are levied annually for this fund. On the project detail pages in Section 3 this fund is referred to as the C.I.P. Fund.

Community Center Operations Fund – accounts for revenues and expenses related to the operation of the community center building and related activities.

Electric Franchise Fee – the franchise agreement with Excel Energy allows the City to impose a franchise fee of not more than four percent of the company’s gross revenues. A franchise fee of \$.50 per household has been imposed by the City.

Environmental Utility Fund – this fund was established to finance maintenance and improvements to the storm water utility system. Revenues for the fund are generated by a utility charge for surface water runoff.

Federal Aid – within this C.I.P. document this is used to identify a portion of public works improvement costs that are paid by the Federal Government.

Fleet Management Fund – this fund accounts for the operating expenses of all city vehicles and major pieces of equipment (except for public safety vehicles). These operating expenses, including depreciation, are used as a basis to establish rental rates that are charged to the departments using the vehicles. The accounting procedures used in this fund result in a cash reserve for the replacement of vehicles and major pieces of equipment. On the project detail pages in Section 3 this fund is referred to as the V.E.M. Fund.

Fire Truck Replacement Fund – this fund was established to finance all future purchases of fire trucks. Property taxes are levied annually as needed to provide for planned purchases.

General Fund – this fund accounts for all financial resources except those required to be accounted for in another fund. The fund accounts for the majority of the City’s operating budget.

Information Technology Fund – accounts for the maintenance, repair, and operation of the city’s computer hardware and software.

Little Canada – within this C.I.P. document this is used to identify that portion of public works improvement costs that are paid by the City of Little Canada. When roads on the border between Maplewood and Little Canada are improved, the two governments jointly finance the cost of the improvement.

MnDOT – within this C.I.P. document this is used to identify a portion of public works improvement costs that are paid by the Minnesota Department of Transportation.

North St. Paul – within this C.I.P. document this is used to identify that portion of public works improvement costs that are paid by the City of North St. Paul. When roads on the border between Maplewood and North St. Paul are improved, the two governments jointly finance the cost of the improvement.

Oakdale – within this C.I.P. document this is used to identify that portion of public works improvement costs that are paid by the City of Oakdale. When roads on the border between Maplewood and Oakdale are improved, the two governments jointly finance the cost of the improvement.

Open Space Land Acquisition Fund – this fund was established in 1994 with the proceeds from a bond issue. The balance left in the fund is from investment interest.

Park Development Fund – this fund accounts for the receipt and disbursement of park availability charges. These charges are levied against all new buildings constructed and are paid when the building permit is issued. Money from P.A.C. on residential buildings can only be spent on park developments within the neighborhood where the building is constructed. Money from commercial park availability charges can be spent on any park development.

Ramsey County – within this C.I.P. document this is used to identify that portion of public works improvement costs that are paid for by Ramsey County. When county roads within the city are improved, the cost of the improvements is jointly financed by the two governments.

Redevelopment Fund – accounts for cash assets that are for a redevelopment and housing rehabilitation and replacement program that is designed to eliminate scattered blighted housing, provide new housing, and provide funds for rehabilitation and repair.

Sewer Fund – this fund accounts for customer sanitary sewer service charges that are used to finance the sanitary sewer system operating expenses.

St. Paul Water – within this C.I.P. document this is used to identify a portion of public works improvement costs that are paid by the St. Paul Regional Water Services.

St. Paul Water Availability Charge Fund – this fund accounts for revenue from water connection charges and a water surcharge that is paid by the owners of property that receive water from St. Paul Regional Water Services. These revenues are used to finance water system costs that cannot be assessed.

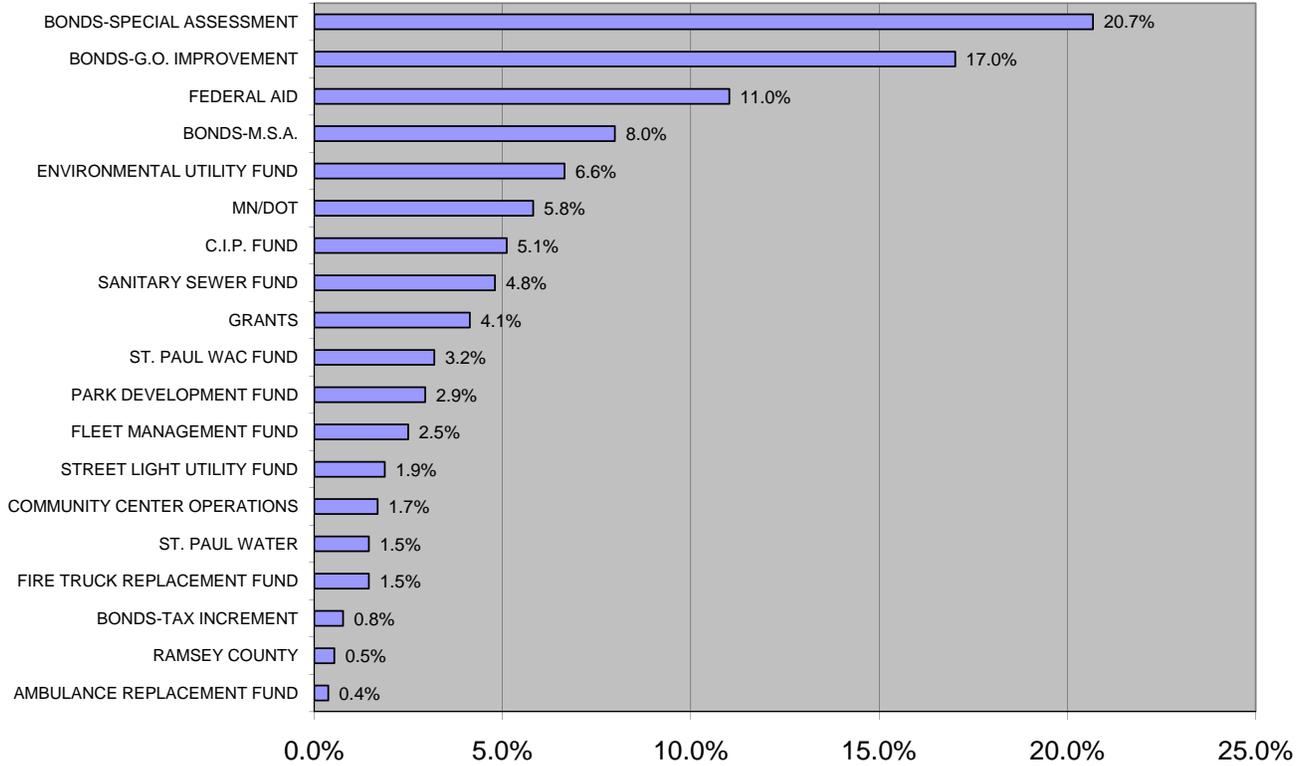
State Aid – within this C.I.P. document under project funding source on the project detail pages the term State Aid refers to money received from the state for street construction projects. State aid allotments for street construction are based on two factors: population and fiscal need. Fiscal need is determined by the estimated costs of construction and maintenance of the city's state aid streets over 25 years.

Street Light Utility Fund – this fund accounts for revenues established through a franchise agreement with electricity providers to property within the City. A charge is placed on all electric bills and the funds raised from that charge are provided to the City for the use on street light, power system and traffic control systems.

Tree Preservation Fund – developers who are unable to comply with city policies on tree preservation may be allowed to deposit funds for furtherance of city tree goals in other parts of the city.

Vadnais Heights – within this C.I.P. document this is used to identify a portion of public works improvement costs that are paid by the City of Vadnais Heights. When roads on the border between Maplewood and Vadnais Heights are improved, the two governments jointly finance the cost of the improvement.

FIVE - YEAR CAPITAL IMPROVEMENT PLAN BY FUNDING SOURCES



BONDS-SPECIAL ASSESSMENT	13,510,000
BONDS-G.O. IMPROVEMENT	11,119,900
FEDERAL AID	7,200,000
BONDS-M.S.A.	5,216,800
ENVIRONMENTAL UTILITY FUND	4,343,200
MN/DOT	3,800,000
C.I.P. FUND	3,339,400
SANITARY SEWER FUND	3,136,400
GRANTS	2,700,000
ST. PAUL WAC FUND	2,083,800
PARK DEVELOPMENT FUND	1,925,000
FLEET MANAGEMENT FUND	1,629,545
STREET LIGHT UTILITY FUND	1,225,000
COMMUNITY CENTER OPERATIONS	1,100,000
ST. PAUL WATER	949,900
FIRE TRUCK REPLACEMENT FUND	949,630
BONDS-TAX INCREMENT	500,000
RAMSEY COUNTY	350,000
AMBULANCE REPLACEMENT FUND	243,295
TOTAL	\$65,321,870

GENERAL COMMUNITY DEVELOPMENT INFORMATION

Community Growth

The population of Maplewood has been increasing steadily. The Metropolitan Council's 2009 estimate for population exceeds what it had forecasted Maplewood's population to be in 2010. The following table shows the recent and projected population and housing trends:

Population, Households and Household Size

	<u>1990</u>	<u>2000</u>	<u>2009*</u>	<u>2010</u>	<u>2020</u>	<u>2030</u>
Occupied Housing Units	11,496	13,758	15,094	15,600	16,650	18,150
Household Size (people per household)	2.69	2.56	2.50	2.40	2.31	2.25
Population	30,954	35,258	37,755	37,800	38,500	40,900

Sources: Metropolitan Council and City Staff

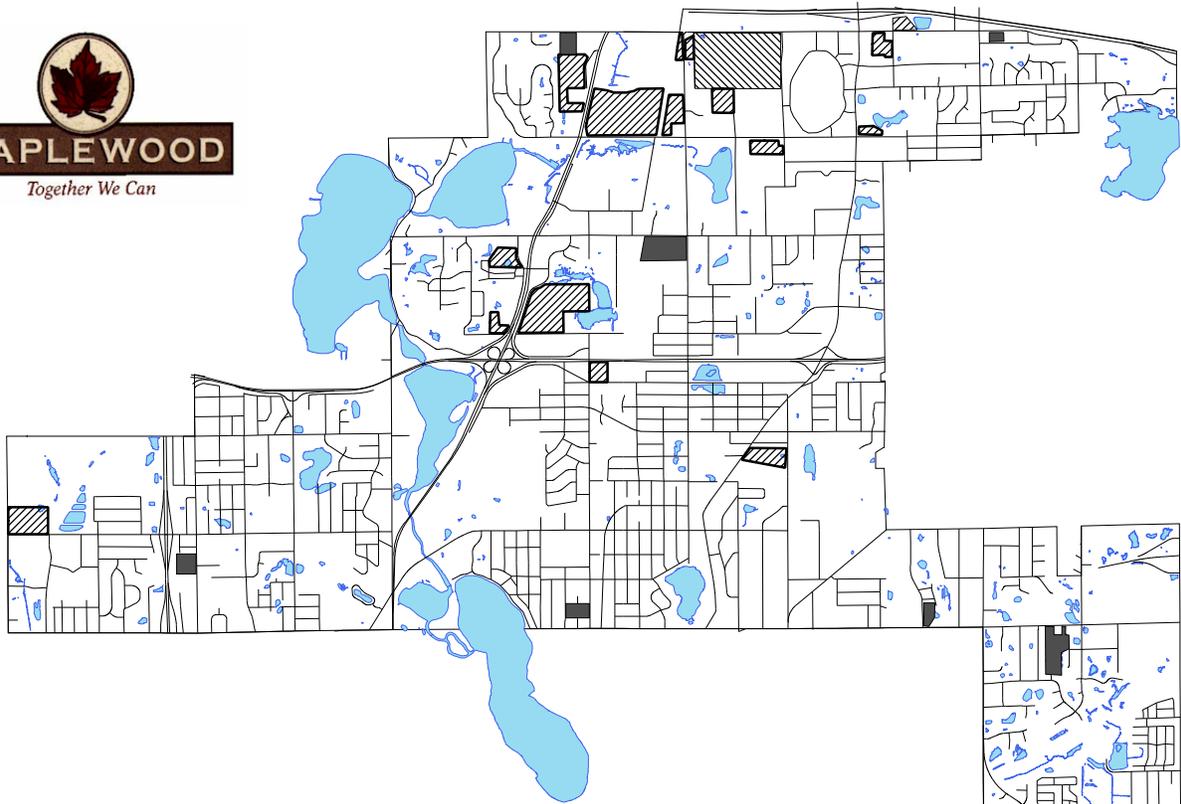
* Metropolitan Council Estimate from April 1, 2009

Undeveloped Land

Included on the next page is a map showing the location of the undeveloped land in the city. Most of the undeveloped residential land is in the south "leg" of the city. Nearly all of the undeveloped commercial land is in the north end of the city, near Maplewood Mall. In addition to retail and office development in this area, the city expects construction to continue at the 3M campus in south Maplewood.

Projected Population

City staff made the population estimates through the year 2020 based in part on the 2000 Census, Metropolitan Council data and from staff research. For the purposes of this document, staff assumed that population in Maplewood will increase at a rate of 100 people per year in 2010 through 2020, based on Metropolitan Council forecasts and projections.



Maplewood's Undeveloped Land

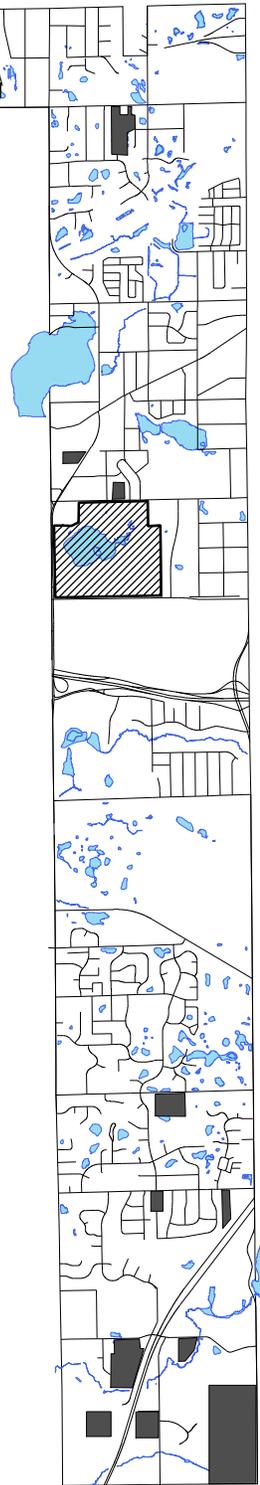
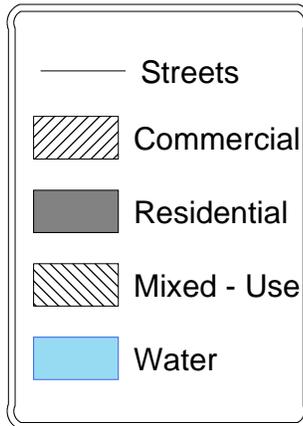


Table 1.

MAPLEWOOD POPULATION STATISTICS				
YEAR	ESTIMATED POPULATION	POPULATION GAIN	NEW DWELLING UNITS	OCCUPIED HOUSEHOLD UNITS
1995	32,935	515	284	12,826
1996	33,295	360	137	12,963
1997	33,943	648	372	13,335
1998	34,412	469	182	13,517
1999	34,723	311	139	13,656
2000	35,258	535	102	13,758
2001	35,773	515	129	13,887
2002	36,217	444	284	14,171
2003	36,618	401	92	14,263
2004	36,994	376	102	14,365
2005	37,238	244	71	14,436
2006	37,426	188	207	14,643
2007	37,581	155	108	14,751
2008	37,671	90	121	14,872
2009	37,755	84	121	14,993
2010	37,800	45	22	15,015
2011	37,850	50	21	15,036
2012	37,900	50	21	15,057
2013	37,950	50	21	15,078
2014	38,000	50	21	15,099
2015	38,050	50	21	15,120
2016	38,100	50	21	15,141

Sources:**Estimated Population**

2000 - U.S. CENSUS

1995-2010 - Met Council Estimates

2010-2016 - City of Maplewood Staff Estimates

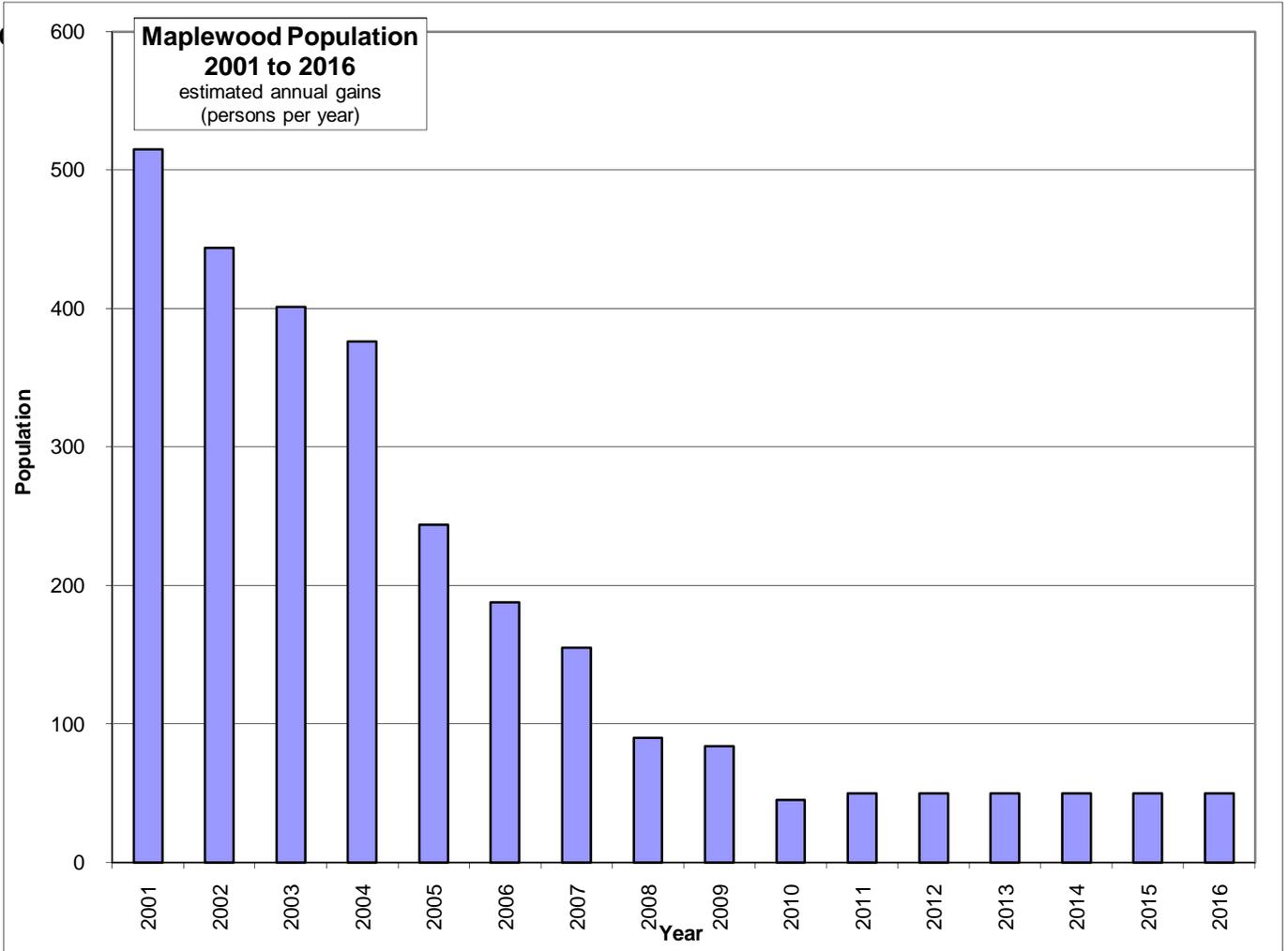
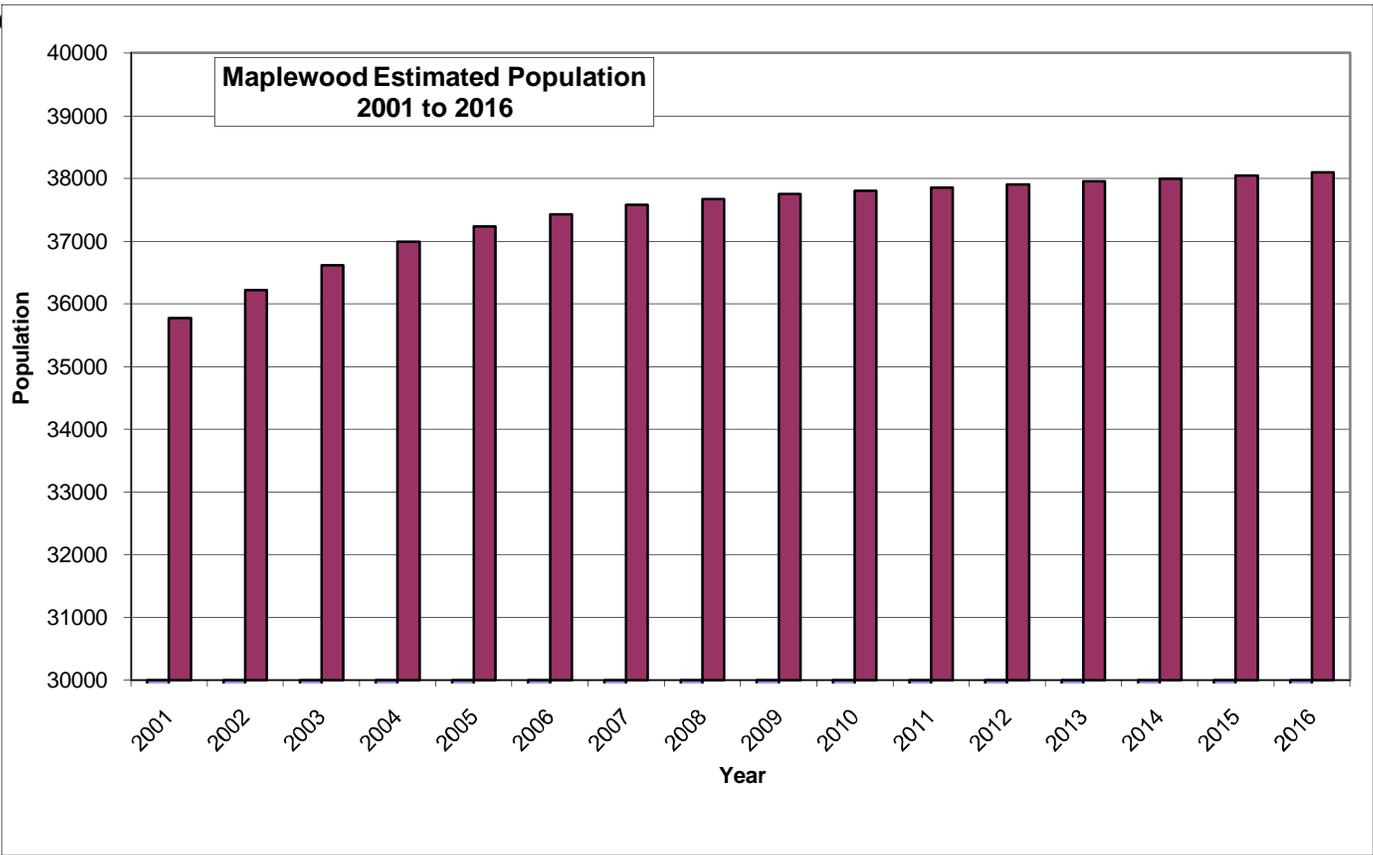
New Dwelling Units

City of Maplewood Permit Applications

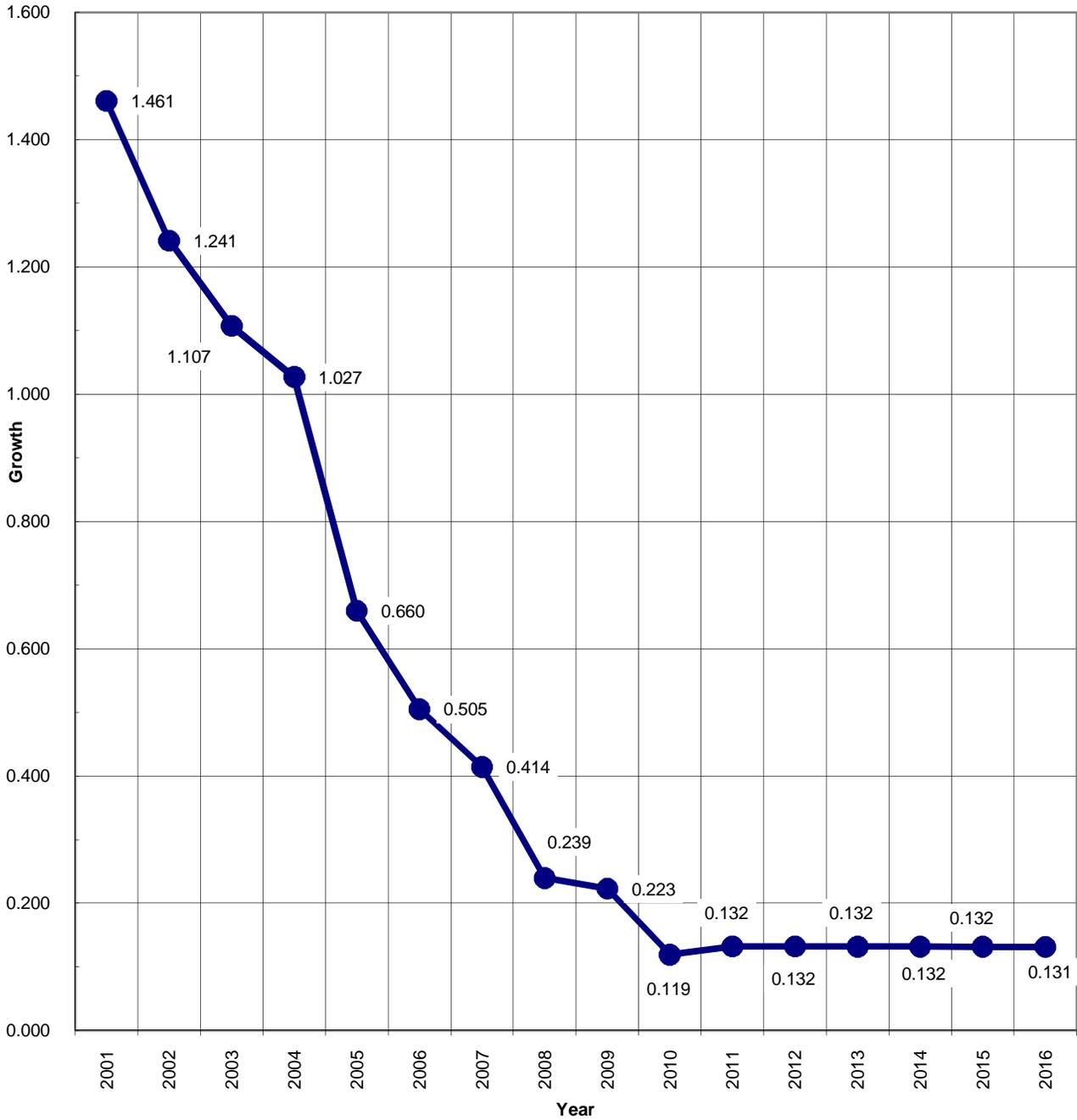
Occupied Household Units

2000 - U.S. CENSUS

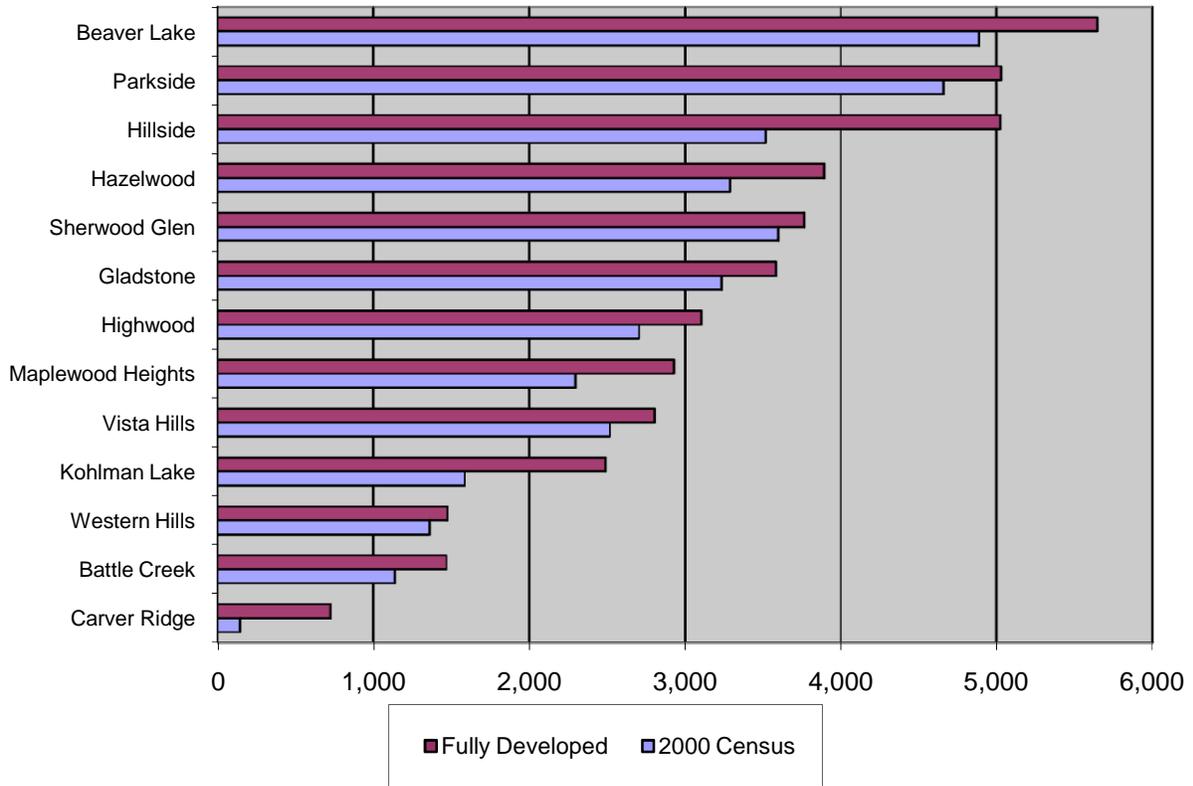
2000-2009 - Met Council Estimates



Maplewood Population 2001- 2016
ANNUAL ESTIMATED RATES OF GROWTH
(percentage population increase each year)



City of Maplewood Population by Neighborhood



	<u>2000 Census</u>	<u>Fully Developed</u>
Beaver Lake	4,888	5,646
Parkside	4,658	5,028
Hillside	3,520	5,023
Hazelwood	3,290	3,895
Sherwood Glen	3,599	3,767
Gladstone	3,235	3,586
Highwood	2,706	3,106
Maplewood Heights	2,298	2,929
Vista Hills	2,519	2,805
Kohlman Lake	1,588	2,490
Western Hills	1,363	1,477
Battle Creek	1,138	1,470
Carver Ridge	145	724
Total	<u>34,947</u>	<u>41,946</u>

DEBT CAPACITY

AND

FINANCING STRATEGY

DEBT CAPACITY

During the preparation of this Capital Improvement Plan, the City's present and future debt capacity was evaluated. This was done to determine the amount of additional bonds that could be issued to finance the projects that were requested by departments for the Capital Improvement Plan. The primary emphasis of the debt capacity analysis was to determine the amount of debt that could be issued without causing a downgrading of the City's bond rating. Also, the analysis included a projection of the City's legal debt margin which is the difference between the maximum debt allowed under state law and the amount of debt outstanding.

Bond ratings are based on economic, debt, administrative, and fiscal factors. Consequently, ratings are subjective and there is not a formula that can be followed to calculate a bond rating. However, there are two quantitative measures for comparing relative debt burdens: debt per capita and the ratio of debt to tax base. Unfortunately there are not any absolute benchmarks as to what these ratios should be. Until 1998 Moody's Investors Service annually published medians that indicated averages based upon population categories of cities.

The analysis of Maplewood's debt capacity included a review of data for the past five years on debt ratios and bond ratings. Also, the analysis included a projection of future debt transactions, population changes, tax base growth, and debt ratios.

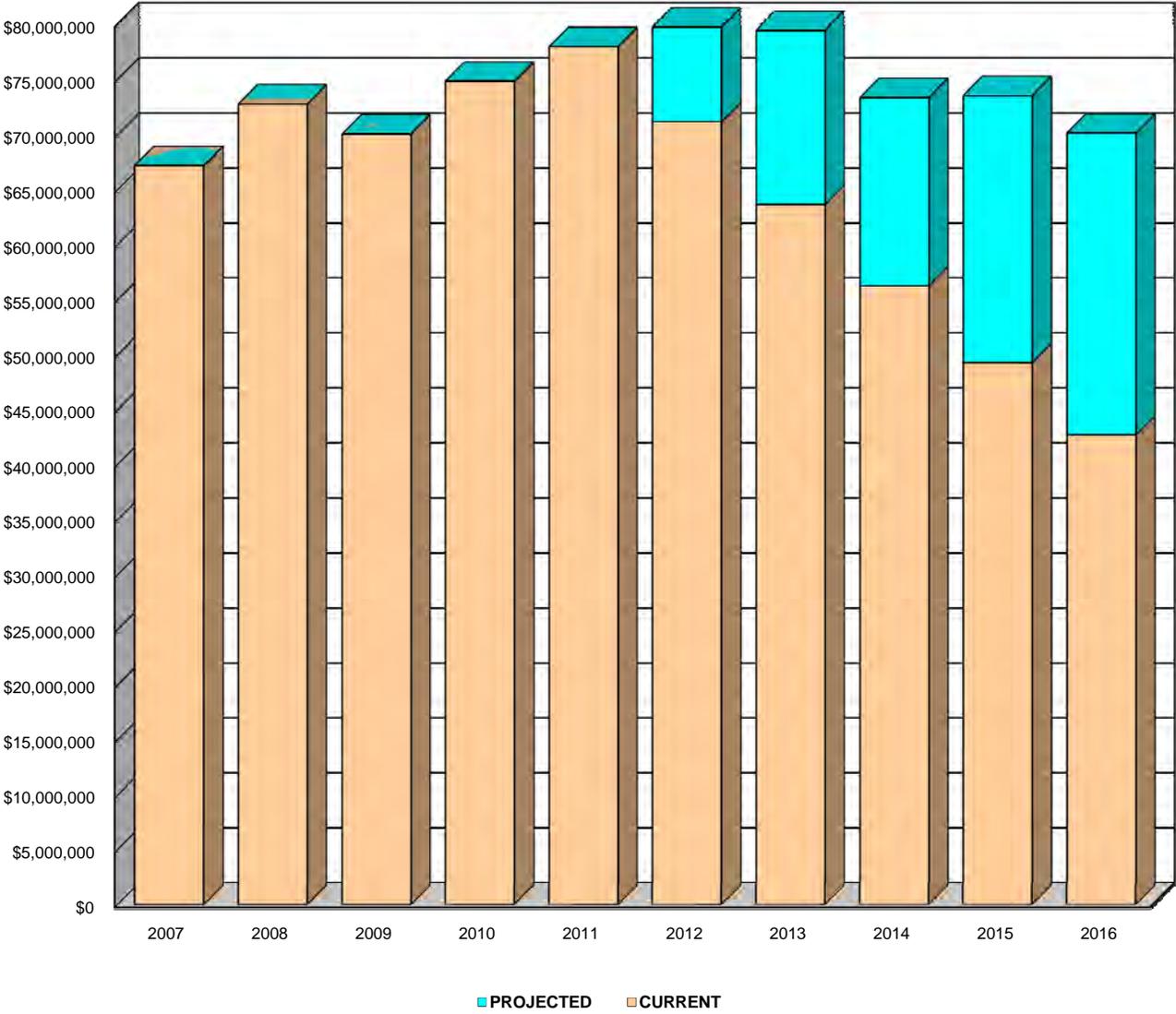
The amount of debt anticipated to be issued in 2012-2016 is \$32,540,000. Most of the bonds planned to be issued between 2012 and 2016 will be for public works improvements. Debt transactions and outstanding debt for 2007-2016 are shown on the next two pages.

**DEBT TRANSACTIONS
PAST FIVE YEARS AND NEXT FIVE YEARS**

Year	New Debt Issued	Debt Paid	Debt Outstanding	Less Escrow Funds	Net Debt Outstanding
2007	Balance Forward		69,772,297	(2,560,000)	67,212,297
2008	11,040,000	(5,460,000)	75,352,297	(2,560,000)	72,792,297
2009	7,370,000	(10,105,000)	72,617,297	(2,560,000)	70,057,297
2010	15,840,000	(9,485,000)	78,972,297	(4,125,000)	74,847,297
2011	10,000,000	(10,955,000)	78,017,297	0	78,017,297
2012	8,563,000	(6,825,000)	79,755,297	0	79,755,297
2013	7,912,000	(8,182,458)	79,484,839	0	79,484,839
2014	2,451,000	(8,559,672)	73,376,167	0	73,376,167
2015	8,546,000	(8,375,537)	73,546,631	0	73,546,631
2016	5,068,000	(8,466,101)	70,148,530	0	70,148,530

C.I.P IMPACT ON CITY DEBT

2007 TO 2016 - CURRENT AND PROJECTED



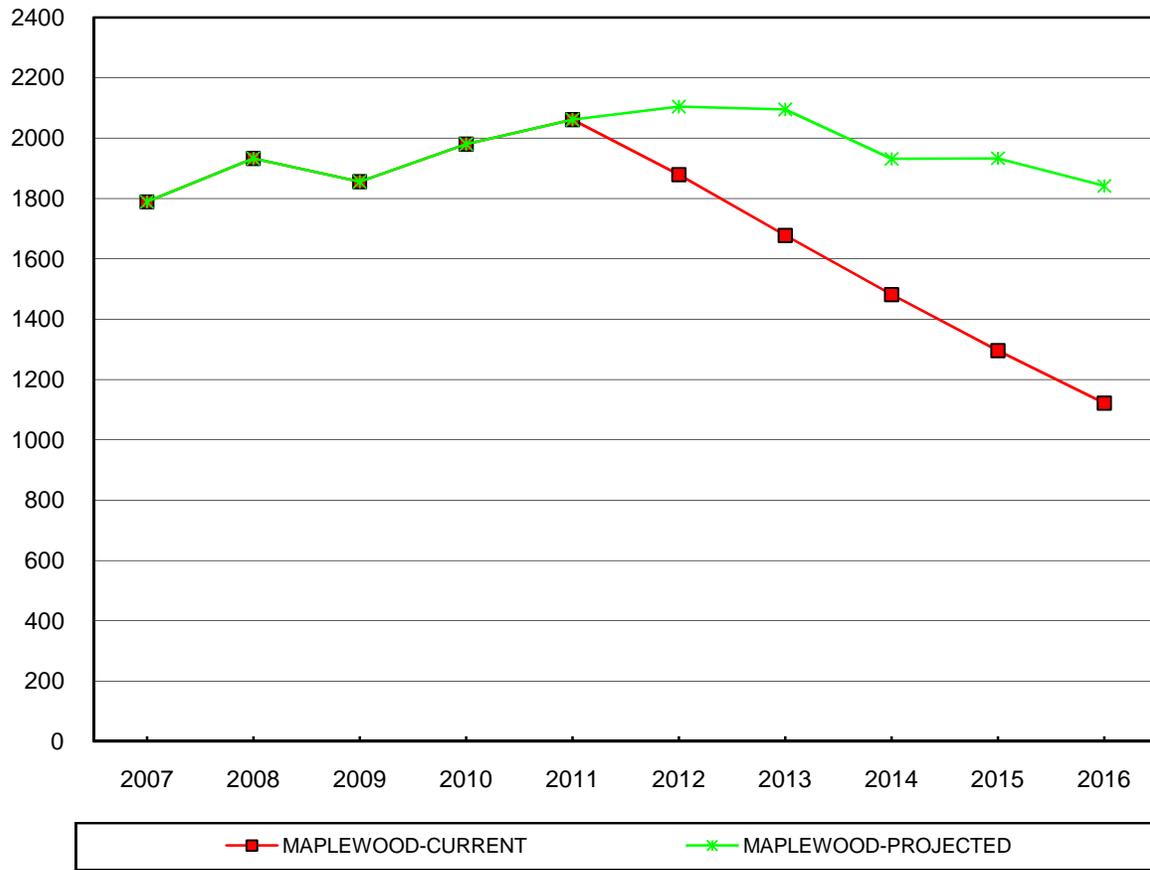
Population projections for the next five years were made in order to project the debt per capita. (Debt per capita is calculated by dividing the outstanding debt by the population.) These projections are explained at the end of Section 1 under the heading General Community Development Information. The following table is a compilation of the preceding projections:

PROJECTED DEBT PER CAPITA					
Year	Debt Outstanding		Projected Population	Debt Per Capita	
	Without New Debt	With New Debt		Without New Debt	With New Debt
2012	71,192,297	79,755,297	37,900	1,878	2,104
2013	63,639,839	79,484,839	37,950	1,677	2,094
2014	56,290,167	73,376,167	38,000	1,481	1,931
2015	49,284,631	73,546,631	38,050	1,295	1,933
2016	42,728,530	70,148,530	38,100	1,121	1,841

The data in the above table is displayed in the graph on the next page.

DEBT PER CAPITA

2007 TO 2016 - CURRENT AND PROJECTED



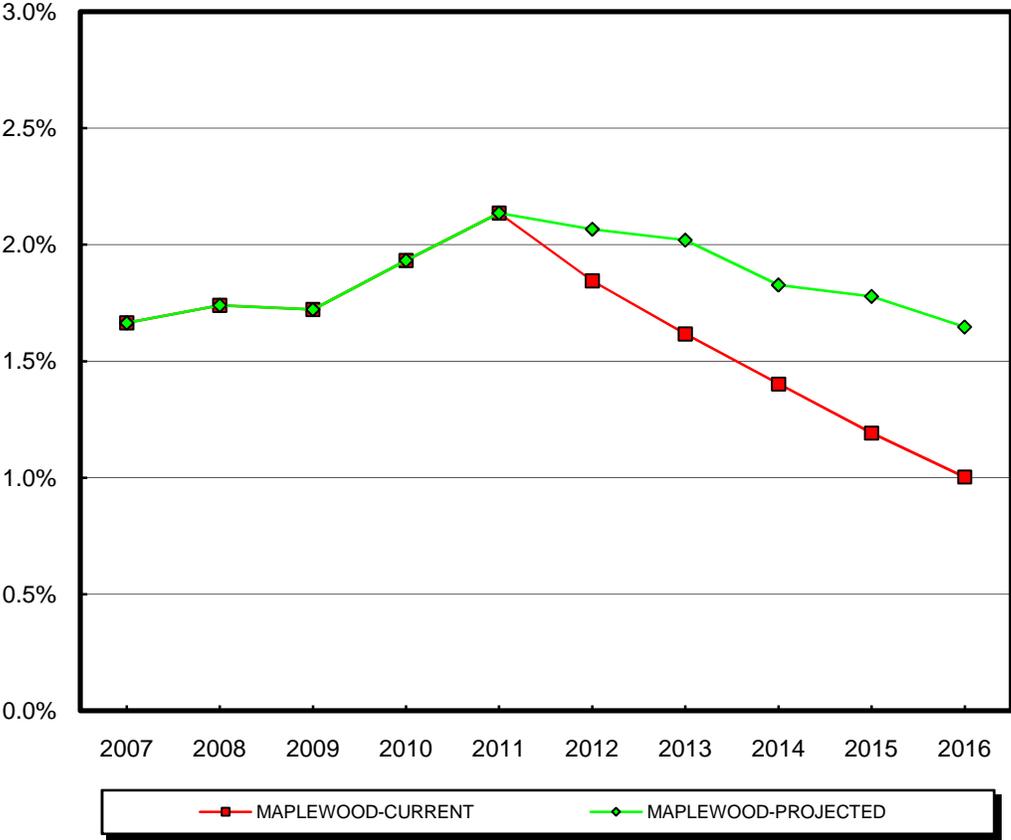
The ratio of debt to tax base was also analyzed. This ratio is calculated by dividing the debt outstanding by the estimated full market value of Maplewood's tax base. The estimated full market value of the City's tax base was projected for 2012-2016 based upon the assumption that it would not change in 2012 and increase by 2% in 2013, 2% in 2014, 3% in 2015 and 3% in 2016. The following table is a compilation of the preceding projections:

PROJECTED DEBT TO MARKET VALUE					
Year	<u>Debt Outstanding</u>		Projected Tax Base Market Value	<u>Debt To Market Value</u>	
	Without New Debt	With New Debt		Without New Debt	With New Debt
2012	71,192,297	79,755,297	3,859,329,000	1.8%	2.1%
2013	63,639,839	79,484,839	3,936,516,000	1.6%	2.0%
2014	56,290,167	73,376,167	4,015,246,000	1.4%	1.8%
2015	49,284,631	73,546,631	4,135,703,000	1.2%	1.8%
2016	42,728,530	70,148,530	4,259,774,000	1.0%	1.6%

The data in the above table is graphically displayed on the next page.

RATIO OF DEBT TO MARKET VALUE

2007 TO 2016 - Current and Projected



City bonds have an “Aa+” rating from Standard and Poor’s Investor Rating Service according to their report dated April 8, 2010. The previous rating was “Aa2” by Moody’s Investors Service according to their report dated March 6, 2009. The switch in rating services results in a conversion to compare ratings. A rating of “Aa+” from Standard and Poor’s is comparable to an “Aa1” rating by Moody’s which means an increase for the City. The last rating increase from “A-1” to “Aa” in 1989 was due to “continued growth and diversification of the City’s economy, strength and long-term stability of its dominant taxpayer and well maintained finances add to margins of protection for debt which poses a moderate burden.” The increase in the rating was partially due to a globalization by the rating industry to make ratings of government general obligation debt comparable to the ratings of corporate debt of equal risk. In addition, Standard and Poor’s noted continual strength and stability of Maplewood’s dominant tax payers and well maintained finances and investment in infrastructure as overall strength. Only about 8% of Standard and Poor’s ratings nationwide are “Aa+” or better. The projected debt ratios indicate that Maplewood will probably be able to maintain its present bond ratings through 2016.

Another important factor related to the City’s debt capacity is the State legal debt limit. This limit is 3.0% of the assessor’s market value of the City’s tax base. Bond issues covered by this limit are those that are financed by property taxes unless at least 20% of the annual debt service costs are financed by special assessments or tax increments. Maplewood has three debt issues that are subject to the debt limit in 2012-2016.

The difference between the statutory debt limit and the bonds outstanding that are covered by the debt limit is referred to as the legal debt margin. The table below shows Maplewood’s legal debt margin for the years 2012-2016. It indicates that the City is currently and will be significantly under the legal debt limit for the entire period.

**Projection of Legal Debt Margin
December 31**

	2012	2013	2014	2015	2016
Market value of taxable property	\$3,859,329,000	\$3,936,516,000	\$4,015,246,000	\$4,135,703,000	\$4,259,774,000
Statutory debt limit: 3.0% of market value	115,779,870	118,095,480	120,457,380	124,071,090	127,793,220
Amount of debt applicable to debt limit:					
Open Space Refunding Bonds 2002D	725,000	365,000	0	0	0
Fire Safety Refunding Bonds 2004A	2,145,000	1,935,000	1,715,000	1,495,000	1,270,000
Capital Improvement Plan Bonds 2004D	485,000	455,000	420,000	385,000	350,000
Total debt applicable to debt limit	3,355,000	2,755,000	2,135,000	1,880,000	1,620,000
Legal debt margin	112,424,870	115,340,480	118,322,380	122,191,090	126,173,220

CAPITAL IMPROVEMENT PLAN FINANCING STRATEGY

The five-year total for the projects in the C. I. P. is \$65,321,870. Funding sources by year for the C.I.P. are as follows:

FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS GROUPED BY FUNDING SOURCE

FUNDING SOURCE	TOTAL	ALLOCATION OF COSTS BY YEAR				
		2012	2013	2014	2015	2016
AMBULANCE REPLACEMENT	\$243,295	\$0	\$119,850	\$0	\$0	\$123,445
BONDS-G.O. IMPROVEMENT	11,119,900	2,783,400	2,525,200	1,285,600	2,423,300	2,102,400
BONDS-M.S.A.	5,216,800	2,104,200	1,761,600	400,000	565,000	386,000
BONDS-SP. ASSESSMENT	13,510,000	3,051,000	2,691,000	765,000	4,423,000	2,580,000
BONDS-TAX INCREMENT	500,000	0	500,000	0	0	0
C.I.P. FUND	3,339,400	300,000	325,000	2,353,400	200,000	161,000
COMMUNITY CENTER OPERATIONS	1,100,000	100,000	250,000	250,000	250,000	250,000
ENVIRONMENTAL UTILITY FUND	4,343,200	505,000	857,200	693,000	1,049,000	1,239,000
FEDERAL AID	7,200,000	0	4,200,000	3,000,000	0	0
FIRE TRUCK REPLACEMENT FUND	949,630	0	0	458,725	0	490,905
FLEET MANAGEMENT FUND	1,629,545	395,712	300,351	314,493	313,031	305,958
GRANTS	2,700,000	250,000	1,200,000	0	1,250,000	0
MnDOT	3,800,000	300,000	1,500,000	900,000	1,100,000	0
PARK DEVELOPMENT FUND	1,925,000	905,000	60,000	505,000	205,000	250,000
RAMSEY COUNTY	350,000	175,000	175,000	0	0	0
SANITARY SEWER FUND	3,136,400	445,600	1,236,200	444,600	635,000	375,000
SAINT PAUL W.A.C. FUND	2,083,800	318,600	489,400	283,400	733,600	258,800
SAINT PAUL WATER	949,900	97,200	134,400	83,400	376,100	258,800
STREET LIGHT UTILITY FUND	1,225,000	625,000	0	0	600,000	0
TOTALS	\$65,321,870	\$12,355,712	\$18,325,201	\$11,736,618	\$14,123,031	\$8,781,308

The financial resources available and appropriate for each project are partly determined by its category. General obligation improvement bonds, municipal state aid bonds, special assessment bonds and St. Paul Water Availability Funds will be used for public works projects. Tax increment bonds, Special Assessment Bonds, and the Redevelopment Fund will be used for redevelopment projects. The Ambulance Service Fund can only be used for ambulances. The Environmental Utility Fund can only be used for storm water system improvements. The Fleet Management Fund can only be used for non-public safety vehicles and equipment. The Park Development Fund can only be used for park development projects and the Sanitary Sewer Fund can only be used for sanitary sewer utility system items.

General obligation bonds and the Capital Improvement Projects Fund can be used for more than one type of project. General obligation bonds (that are not supported by special assessments) require voter approval and can be generally issued for any public purpose. Tax increment bonds and the tax increment funds can be used for redevelopment, park development and public works improvements provided they are done within a

reasonable proximity of the property development that created the increment. There should also be a relationship between the need for the improvement projects and the property development.

The 2012-2016 C.I.P. assumes that no bond issue referendums will be held during this five-year period. Bonds totaling \$32,540,000 are planned to be issued in 2012-2016 to finance project costs. Under state law, at least 20% of a project's costs must be assessed in order to issue special assessment and general obligation improvement bonds without a referendum. Projects from 2012-2016 will have 40 - 50% of costs assessed.

Several projects and major purchases in the C.I.P. will be financed by the Ambulance Service Fund, Capital Improvement Projects (CIP) Fund, Community Center Operations Fund, Environmental Utility Fund, Fire Truck Replacement Fund, Fleet Management Fund, Information Technology Fund, Park Development Fund, Sanitary Sewer Fund, St. Paul Water Availability Charges (WAC) Fund and the Street Light Utility Fund. Financial resources have been and will be accumulated in these funds for the specified projects.

Impact on Property Taxes

General obligation improvement bonds are issued to finance public works project costs that are not assessed and not financed by other revenue sources (e.g., state aid, Sanitary Sewer Fund, Ramsey County, or other cities). The annual principal and interest payments on these bonds are financed by property taxes in the debt service portion of the city's annual budget. These debt service property tax levies were \$3,624,702 for 2010 and \$3,958,103 for 2011. New general obligation improvement bonds totaling \$11,120,000 are anticipated to be issued over the next five years to finance projects. The tax levies required for the principal and interest payments on existing and new bonds are listed in the table below. Property taxes are also levied for several funds to finance other projects in the Capital Improvement Plan. The property tax levies for projects by fund are also listed in the table below.

FUND	TOTAL	Planned Levies Per CIP				
		2012	2013	2014	2015	2016
DEBT SERVICE:						
FOR BONDS ISSUED PRIOR TO 2011	\$19,741,691	\$4,249,711	\$4,178,905	\$4,136,118	\$3,603,361	\$3,573,596
FOR BONDS ISSUED IN 2011	1,381,753	276,922	276,320	274,670	276,170	277,671
FOR IMPROVEMENT BONDS ISSUED 2012-2016	1,823,000	0	214,000	408,000	507,000	694,000
DEBT SERVICE TOTAL	22,946,444	4,526,633	4,669,225	4,818,788	4,386,531	4,545,267
CAPITAL IMPROVEMENT PROJECTS	1,325,000	295,000	295,000	295,000	295,000	145,000
FIRE TRUCK REPLACEMENT	500,000	100,000	100,000	100,000	100,000	100,000
TOTAL	\$24,771,444	\$4,921,633	\$5,064,225	\$5,213,788	\$4,781,531	\$4,790,267

The financial resources within the Capital Improvement Projects Fund are derived primarily from property taxes. This fund is used to finance major capital outlay expenditures that cannot be easily financed by alternative methods and that individually cost in excess of \$50,000. The tax levies for the Capital Improvement Projects Fund, Fire Truck Replacement Fund and Redevelopment Fund was \$0 for 2011. In order to finance the 2012-2016 C.I.P., the tax levy for these three funds will need to total \$1,825,000 over the next five years.

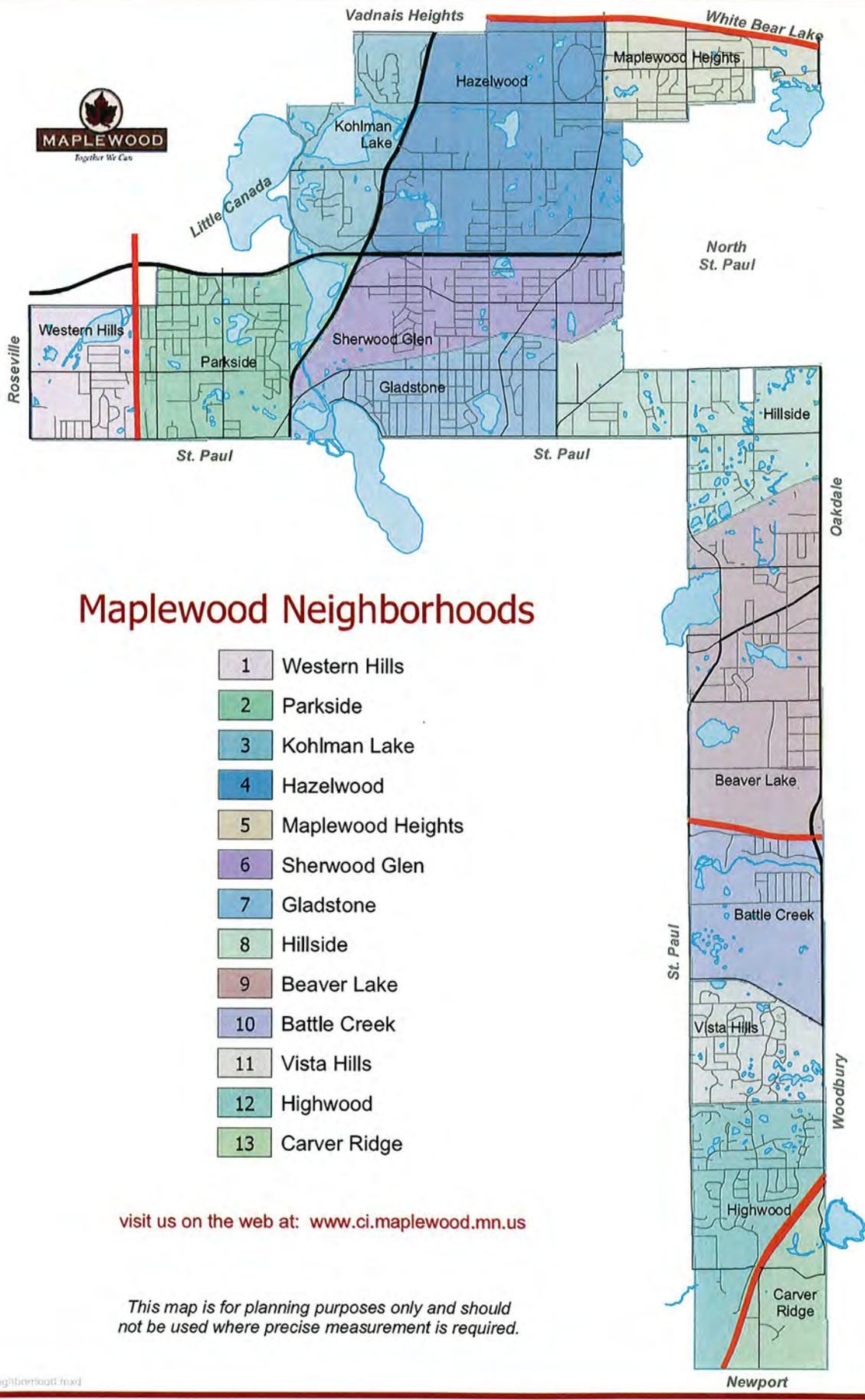
Overall, the projects included within the 2012-2016 C.I.P. can be financed without depleting the City's financial resources. Each year when a new C.I.P. is prepared, the financing plans will be reviewed and refined as necessary.

PROJECT DETAILS

PROJECT DETAILS

The pages in this section consist of a one-page summary for each project and maps showing the location of each project. The projects are grouped by neighborhood beginning with Western Hills-Neighborhood #1 which is in the northwest corner of the city. There are 13 neighborhoods in Maplewood and the location of each is shown on the map on the next page. The 14th part of this section consists of projects without a neighborhood designation. Most of these projects are large equipment purchases which will be used throughout the city.

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Maplewood Neighborhoods

- 1 Western Hills
- 2 Parkside
- 3 Kohlman Lake
- 4 Hazelwood
- 5 Maplewood Heights
- 6 Sherwood Glen
- 7 Gladstone
- 8 Hillside
- 9 Beaver Lake
- 10 Battle Creek
- 11 Vista Hills
- 12 Highwood
- 13 Carver Ridge

visit us on the web at: www.ci.maplewood.mn.us

This map is for planning purposes only and should not be used where precise measurement is required.

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CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 – 2016

Projects Located in
Western Hills - Neighborhood #1

Map Legend	Project Description	C.I.P. Project #
---------------	---------------------	---------------------

No projects are planned for this neighborhood.

Neighborhood Population

2000 – 1,363

Breakdown by density:

Fully developed – 1,477

567 – Low density

37 – medium density

873 – High density



Western Hills Neighborhood #1

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Parkside - Neighborhood #2

Map Legend	Project Description	C.I.P. Project #
A	Arkwright/Sunrise Area Streets	PW11.090

Neighborhood Population

2000 – 4,658

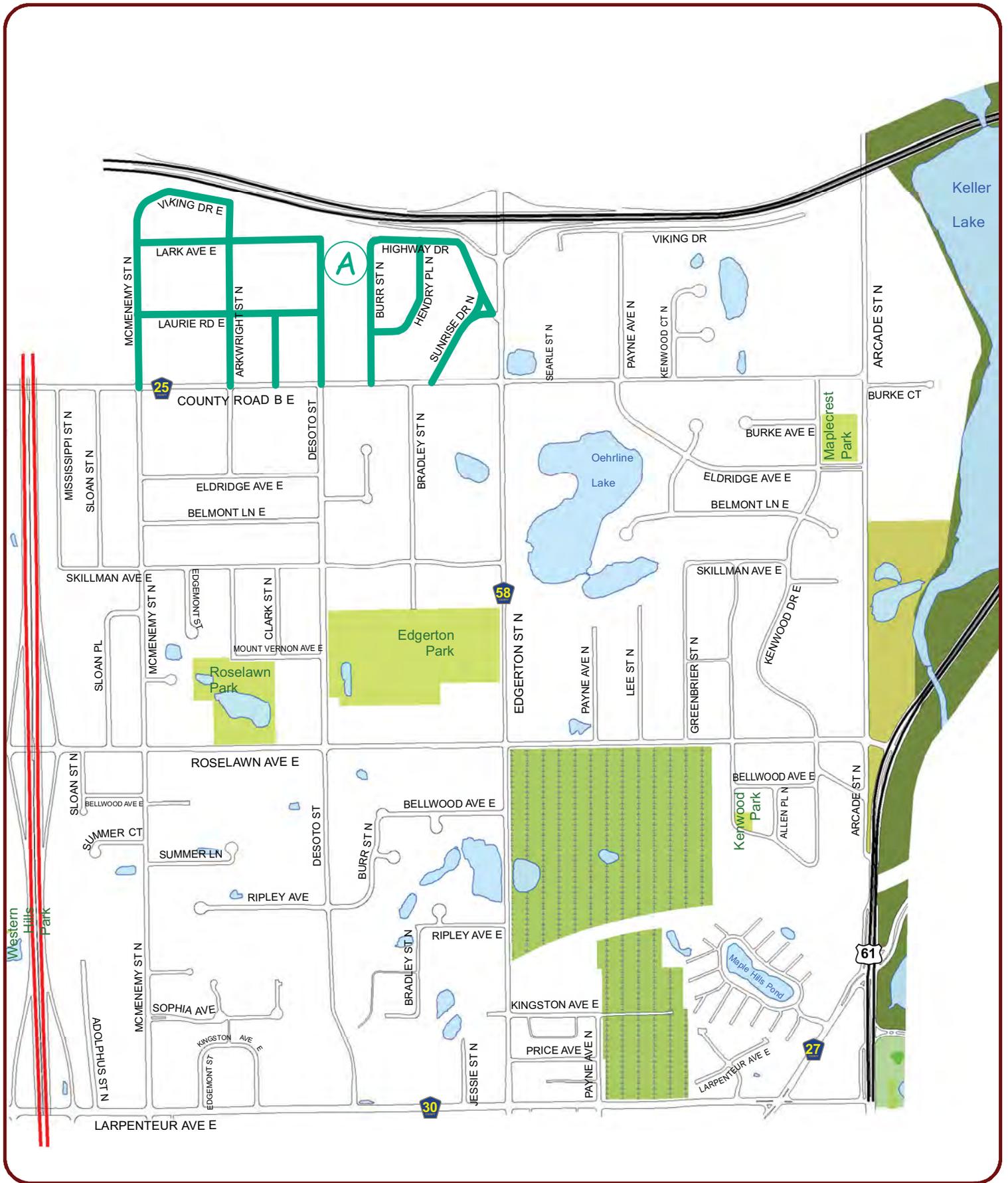
Breakdown by density:

Fully developed – 5,028

3,572 – Low density

481 – medium density

975 – High density



Parkside Neighborhood #2

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CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Arkwright/Sunrise Area Streets **TOTAL COST:** \$4,480,000

PROJECT NUMBER: PW11.090 **PROJECT CATEGORY:** Public Works

DESCRIPTION: Neighborhood area street reconstruction

JUSTIFICATION:

The Arkwright and Sunrise area streets are very badly deteriorated and existing drainage conditions are poor. The streets in this area are in bad condition and are in need of major reconstruction. Replacement will include upgrades to the area drainage system in coordination with the improvements to the area streets. This area is a key neighborhood in need of improvement according to the Street Superintendent. Streets in this project area include: McMenemy St, Highway Dr, Lark Ave, Arkwright St, Clark St, Burr St, Hendry Pl, Desoto St, and Sunrise
2.2 miles of streets, Average PCI: 33

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Bonds-G.O. Improvement	0	200,000	1,575,200	0	0	0	1,775,200
Bonds-Special Assessment	0	0	1,571,000	0	0	0	1,571,000
Environmental Utility Fund	0	0	448,000	0	0	0	448,000
Sanitary Sewer Fund	0	0	317,000	0	0	0	317,000
St. Paul W.A.C. Fund	0	0	234,400	0	0	0	234,400
St. Paul Water	0	0	134,400	0	0	0	134,400

		PROJECT COSTS	
PROJECT STARTING DATE:	August 2012	Preliminaries:	\$200,000
		Land Acquisition:	\$0
PROJECT COMPLETION DATE:	October 2013	Construction:	\$4,280,000
		Equipment and Other:	\$0
NEIGHBORHOOD:	02 - Parkside	Project Costs:	\$4,480,000

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Kohlman Lake - Neighborhood #3

Map Legend	Project Description	C.I.P. Project #
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No projects are planned for this neighborhood.

Neighborhood Population

2000 – 1,588

Fully developed – 2,490

Breakdown by density:

2,133 – Low density
 357 – medium density
 0 – High density



Kohlman Lake Neighborhood #3

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Hazelwood - Neighborhood #4

Map Legend	Project Description	C.I.P. Project #
A	Legacy Park Improvements	PM12.010

Neighborhood Population

2000 – 3,290

Breakdown by density:

Fully developed – 3,895

2,538 – Low density
 228 – medium density
 1,129 – High density



Portion of Sherwood Glen
CIP Project PW07.100

Hazelwood Neighborhood #4

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CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Legacy Park Improvements	TOTAL COST: \$75,000
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PROJECT NUMBER: PM12.010	PROJECT CATEGORY: Parks
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DESCRIPTION: Improve Legacy Park

JUSTIFICATION:

Legacy Park is a 10 acre dedicated park wetland area. It has a internal trail system, with several rest areas around the trail. It is located west of Maplewood Mall between County Road D and Beam Avenue. The 10 acre park holds storm water in several holding ponds. The park is in need of a master plan and improvements. The sculptures and gazebo are in disrepair and need complete replacement. This will be a joint collaboration with both private and public entities.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Environmental Utility Fund	0	0	0	25,000	0	0	25,000
Park Development Fund	0	0	0	50,000	0	0	50,000

	PROJECT COSTS
PROJECT STARTING DATE: January 2014	Preliminaries: \$75,000
	Land Acquisition: \$0
PROJECT COMPLETION DATE: December 2016	Construction: \$0
	Equipment and Other: \$0
NEIGHBORHOOD: 04 - Hazelwood	Project Costs: \$75,000

CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 – 2016

Projects Located in
Maplewood Heights - Neighborhood #5

Map Legend	Project Description	C.I.P. Project #
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No projects are planned for this neighborhood.

Neighborhood Population

2000 – 2,298

Fully developed – 2,929

Breakdown by density:

1,549 – Low density

1,300 – medium density

80 – High density



Maplewood Heights Neighborhood #5

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Sherwood Glen - Neighborhood #6

Map Legend	Project Description	C.I.P. Project #
A	Police Department Expansion	MT08.150
B	Maplewood Community Center Improvements	MT12.010
C	TH 36 – English Intersection Improvements	PW07.100

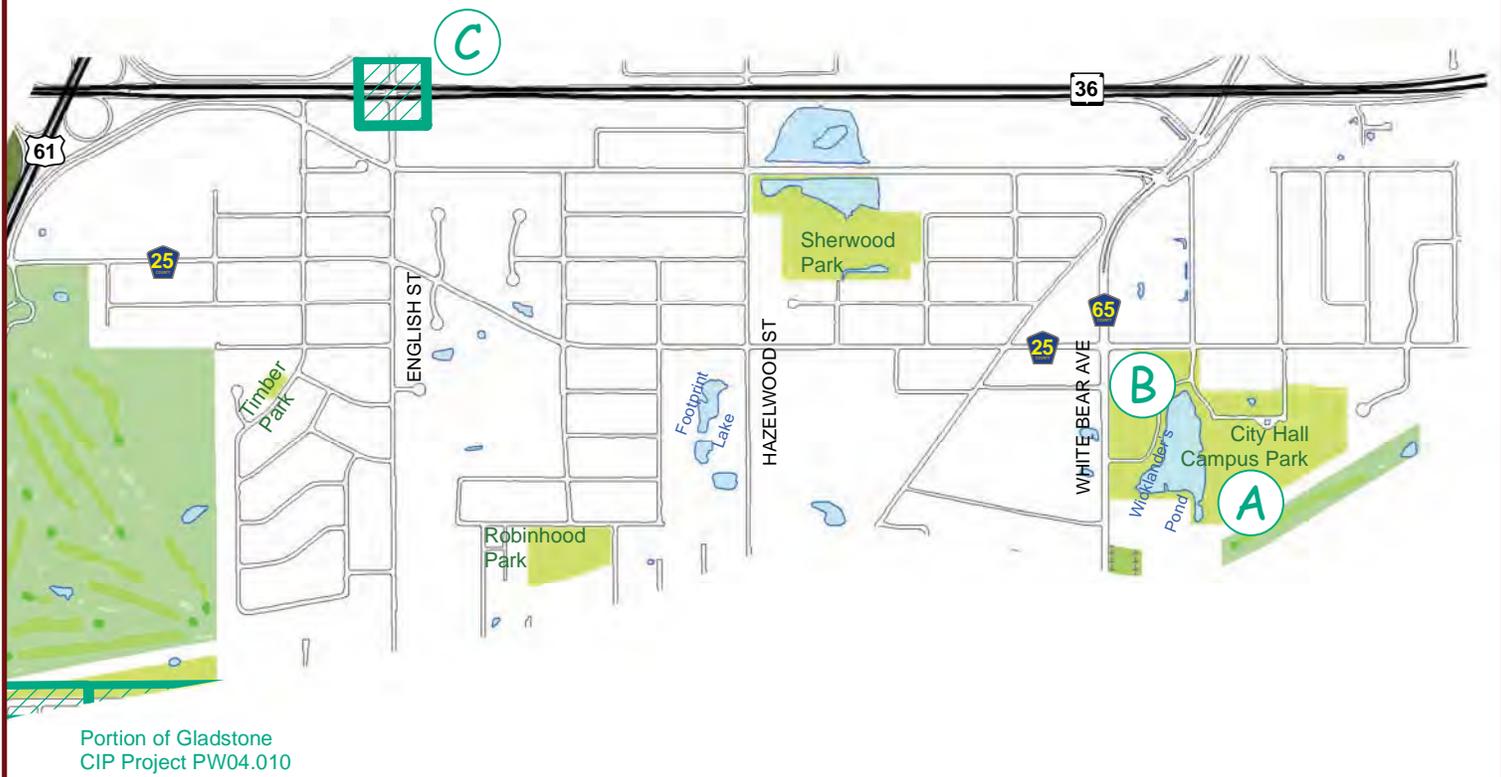
Neighborhood Population

2000 – 3,599

Breakdown by density:

Fully developed – 3,767

2,721 – Low density
 712 – medium density
 334 – High density



Sherwood Glen Neighborhood #6

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CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Police Department Expansion	TOTAL COST: \$825,000
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PROJECT NUMBER: MT08.150	PROJECT CATEGORY: Building Maintenance
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DESCRIPTION: Expansion of the Current Police Department

JUSTIFICATION:

This project is to expand the current Police department over the next 1 to 7 years, in the current location (or alternative location on campus) with the addition of interior Squad Car Parking. The Police Department has been working in restrictive space and the expansion will be needed due to anticipated growth. This project will have possible other funding sources which will need to be researched. Planning should be started to help prevent delay and review other facilities to utilize the best cost effective design. This is to start thinking of the future needs of the Police Department and the growth anticipated along with the need to have the police vehicles protected from the elements allowing for a quicker response to needs and vehicle condition when not exposed to the elements. The work in 2011-2012 is to re-align space within City Hall and Public Works to provide for short-term Police Department needs within areas of the City Hall where space is currently available.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
C.I.P. Fund	225,000	200,000	100,000	200,000	100,000	0	825,000

	PROJECT COSTS
PROJECT STARTING DATE: April 2011	Preliminaries: \$825,000
	Land Acquisition: \$0
PROJECT COMPLETION DATE: December 2015	Construction: \$0
	Equipment and Other: \$0
NEIGHBORHOOD: 06 - Sherwood Glen	Project Costs: \$825,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Maplewood Community Center Improvements **TOTAL COST:** \$1,250,000

PROJECT NUMBER: MT12.010 **PROJECT CATEGORY:** Building Maintenance

DESCRIPTION: MCC Master Project List Repairs, Replacement, Improvements and Upgrades

JUSTIFICATION:

These items are from the Maplewood Community Center Building and Maintenance Long Range Project List that has been compiled from past, current and future repairs, replacement, improvements, and upgrades. The goal is to do the listed items over the next five (5) years while limiting the expenses to \$250,000 per year. The items listed below along with their anticipated expense are for this project year (2012). Aquatic Area Theme Phase 2 of 5 - \$40,000/ Banquet Area Storage - \$8,600/ Carpeting Phase 1 of 5 - 1st floor and 2nd floor Rotunda - \$34,680/ Concession Area Cabinets - \$11,400/ Cooling Condenser Compressor #2 - \$19,486/ Exterior Metal Painting Phase 1 of 2 - \$60,000/ Heating system valve replacement - \$17,100/ Interior metal painting Phase 1 of 2 doors, windows, railings - \$7,200/ Theater area north exterior door replacement - \$7,900/ Scissor Lift shared with other facilities - \$6,000 of \$14,600/ Painting 2nd floor hallways and Rotunda - 11,400, Painting Racquet Ball Court Area - \$6,597/ Theater Area painted - \$18,600. Staff will submit a list of proposed projects for years 2013 -2016 for Council's review at the beginning of each year.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Community Center Operations Fund	150,000	100,000	250,000	250,000	250,000	250,000	1,250,000

PROJECT STARTING DATE: January 2012 PROJECT COMPLETION DATE: December 2016 NEIGHBORHOOD: 06 - Sherwood Glen	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$1,250,000
	Project Costs:	\$1,250,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: TH 36 - English Intersection Improvements **TOTAL COST:** \$14,000,000

PROJECT NUMBER: PW07.100 **PROJECT CATEGORY:** Public Works

DESCRIPTION: Lane Improvements and Interchange Study

JUSTIFICATION:

The TH 36 Access Management Project involves removing the last at-grade intersections along Highway 36 between the eastern Ramsey County line in North Saint Paul and Interstate 35W in Roseville. The project involves access improvements along Highway 36 at English Street, Atlantic Street, and Hazelwood Street. The preferred alternative includes construction of a diamond interchange at English Street and Highway 36. Other improvements include auxiliary lanes between the English Street ramps and the TH 61 ramps, reconstructing a portion of English Street, installation of traffic signals, eliminating right-in/right-out access points at Atlantic Street and Hazelwood Street, a new bridge over TH 36 for the Ramsey County Bruce Vento Trail, and local roadway improvements to enhance local circulation. Grant funding would be from a potential partnership with Ramsey Washington Metro Watershed District.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Environmental Utility Fund	50,000	50,000	100,000	100,000	0	0	300,000
Bonds-M.S.A.	450,000	450,000	700,000	400,000	0	0	2,000,000
Mn/DOT	300,000	300,000	1,500,000	900,000	0	0	3,000,000
Bonds-Special Assessment	0	0	420,000	0	0	0	420,000
St. Paul W.A.C. Fund	0	0	30,000	0	0	0	30,000
Sanitary Sewer Fund	0	0	50,000	0	0	0	50,000
Federal Aid	0	0	4,200,000	3,000,000	0	0	7,200,000
Grants	0	0	500,000	0	0	0	500,000
Bonds-Tax Increment	0	0	500,000	0	0	0	500,000

PROJECT STARTING DATE: April 2005 PROJECT COMPLETION DATE: October 2014 NEIGHBORHOOD: 06 - Sherwood Glen	PROJECT COSTS	
	Preliminaries:	\$2,200,000
	Land Acquisition:	\$1,000,000
	Construction:	\$10,800,000
	Equipment and Other:	\$0
	Project Costs:	\$14,000,000

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Gladstone - Neighborhood #7

Map Legend	Project Description	C.I.P. Project #
A	Gladstone Area Streetscape – Phase I	CD04.010
B	Gladstone – Phase II	CD09.020
C	Gladstone Savanna Improvements	PM08.050

Neighborhood Population

2000 – 3,235

Breakdown by density:

Fully developed – 3,586

3,027 – Low density
 422 – medium density
 137 – High density



Gladstone Neighborhood #7

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CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Gladstone Area Streetscape- Phase I **TOTAL COST:** \$6,000,000

PROJECT NUMBER: CD04.010 **PROJECT CATEGORY:** Redevelopment

DESCRIPTION: Gladstone Area (Frost and English Streets) Improvements

JUSTIFICATION:

The redevelopment of the Gladstone area was proposed to begin in 2008. A failure of the original development proposal delayed the project 3+ years. This project will include street improvements as part of Phase I at the former St. Paul Tourist Cabin Site. Proposed improvements include installation of sidewalks, decorative streetlights, entry monuments, street side landscaping, and colored concrete crosswalks. A portion of the project will begin in 2011 with completion in 2012. The level of the improvements require an agreement with the Developer of The Shores project and are TIF supported in order to accomplish the goals as noted within the Master Plan. Major storm water improvements and improvements to the Savanna are included in various stages of the project elsewhere in the Capital Improvement Plan.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Environmental Utility Fund	400,000	100,000	0	0	0	0	500,000
Street Light Utility Fund	0	625,000	0	0	0	0	625,000
Bonds-Special Assessment	1,800,000	0	0	0	0	0	1,800,000
Mn/DOT	1,600,000	0	0	0	0	0	1,600,000
Sanitary Sewer Fund	0	250,000	0	0	0	0	250,000
Bonds-G.O. Improvement	275,000	0	0	0	0	0	275,000
Bonds-M.S.A.	650,000	300,000	0	0	0	0	950,000

PROJECT STARTING DATE: April 2011 PROJECT COMPLETION DATE: November 2012 NEIGHBORHOOD: 07 - Gladstone	PROJECT COSTS	
	Preliminaries:	\$800,000
	Land Acquisition:	\$1,000,000
	Construction:	\$4,200,000
	Equipment and Other:	\$0
	Project Costs:	\$6,000,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Gladstone - Phase II **TOTAL COST:** \$4,100,000

PROJECT NUMBER: CD09.020 **PROJECT CATEGORY:** Redevelopment

DESCRIPTION: Redevelopment of Gladstone

JUSTIFICATION:

The second phase of Gladstone is proposed to include improvements from Walter Street (the terminus of Phase I) and extend easterly through and include English Street. The improvements will include burial of power lines, streetscape, new roadways for development, new storm water initiatives and utility extensions. It is proposed that this be a cooperative project with a developer although it may be necessary for the City to show investment to spur the development community. The grants are not secured at this time but are part of the future proposed financing needs to proceed with projects.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Bonds-Special Assessment	0	0	0	0	1,500,000	0	1,500,000
Bonds-M.S.A.	0	0	0	0	350,000	0	350,000
Grants	0	0	0	0	1,250,000	0	1,250,000
Sanitary Sewer Fund	0	0	0	250,000	0	0	250,000
Environmental Utility Fund	0	0	0	150,000	0	0	150,000
Street Light Utility Fund	0	0	0	0	600,000	0	600,000

PROJECT STARTING DATE: January 2014 PROJECT COMPLETION DATE: November 2015 NEIGHBORHOOD: 07 - Gladstone	PROJECT COSTS	
	Preliminaries:	\$1,000,000
	Land Acquisition:	\$0
	Construction:	\$3,100,000
	Equipment and Other:	\$0
	Project Costs:	\$4,100,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Gladstone Savanna Improvements **TOTAL COST:** \$1,700,000

PROJECT NUMBER: PM08.050 **PROJECT CATEGORY:** Parks

DESCRIPTION: Restore Native Plant Communities and Install Trails and Interpretive Signage

JUSTIFICATION:

Gladstone Savanna is a 23-acre neighborhood preserve that formerly housed railroad maintenance facilities. Located in an area undergoing redevelopment, the improvements at the preserve will add much to the neighborhood and will celebrate Maplewood's cultural and natural heritage.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Environmental Utility Fund	0	100,000	0	50,000	0	50,000	200,000
Bonds-Special Assessment	0	400,000	0	0	0	0	400,000
Grants	0	200,000	0	0	0	0	200,000
Bonds-G.O. Improvement	0	200,000	0	0	0	0	200,000
Park Development Fund	0	200,000	0	250,000	0	250,000	700,000

		PROJECT COSTS	
PROJECT STARTING DATE: July 2012		Preliminaries:	\$300,000
		Land Acquisition:	\$0
PROJECT COMPLETION DATE: November 2016		Construction:	\$1,400,000
		Equipment and Other:	\$0
NEIGHBORHOOD: 07 - Gladstone		Project Costs:	\$1,700,000

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Hillside - Neighborhood #8

Map Legend	Project Description	C.I.P. Project #
A	Goodrich Park Improvements	PM11.020

Neighborhood Population

2000 – 3,520

Breakdown by density:

Fully developed – 5,023

2,257 – Low density

2,517 – medium density

249 – High density



Hillside Neighborhood #8

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CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Goodrich Park Improvements	TOTAL COST: \$468,000
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PROJECT NUMBER: PM11.020	PROJECT CATEGORY: Parks
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DESCRIPTION: Goodrich Park Improvements

JUSTIFICATION:

Goodrich Park is a 25 Acre Park located at 1980 No. St. Paul Rd. The park is in extremely poor condition. It is the host site for our adult softball program. The park has significant erosion, standing water, and major water drainage problems throughout the park. Parking has also become an increasing issue. The playground equipment is in extremely poor condition. The expenditure will provide for development of the parks master plan that will be completed in 2011.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Park Development Fund	118,000	0	0	175,000	175,000	0	468,000

	PROJECT COSTS
PROJECT STARTING DATE: April 2011	Preliminaries: \$18,000
	Land Acquisition: \$0
PROJECT COMPLETION DATE: April 2015	Construction: \$450,000
	Equipment and Other: \$0
NEIGHBORHOOD: 08 - Hillside	Project Costs: \$468,000

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Beaver Lake - Neighborhood #9

Map Legend	Project Description	C.I.P. Project #
A	Lions Park Improvements	PM03.010
B	Gethsemane Park	PM10.040
C	City Landfill Closure	PW02.120
D	Bartelmy/Meyer Area Streets	PW08.070
E	Farrell/Ferndale Area Street Improvements	PW09.080

Neighborhood Population

2000 – 4,888

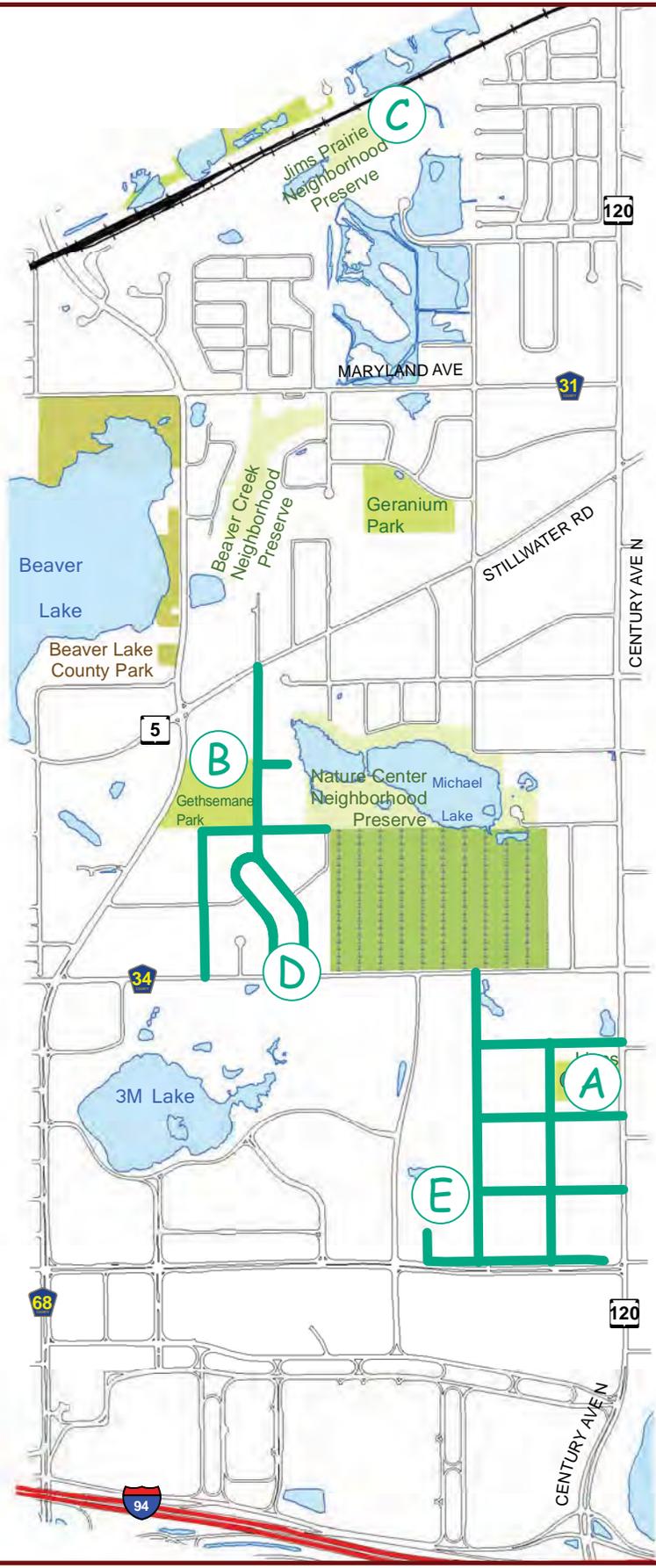
Breakdown by density:

Fully developed – 5,646

2,173 – Low density

2,958 – medium density

515 – High density



Beaver Lake Neighborhood #9

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CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Lions Park Improvements **TOTAL COST:** \$400,000

PROJECT NUMBER: PM03.010 **PROJECT CATEGORY:** Parks

DESCRIPTION: Lions Park renovations

JUSTIFICATION:

Lions Park is a three-acre neighborhood park site located at the corner of Century Avenue and Farrell Street. The park is in extremely poor condition and currently has one marginal ball field with significant erosion, standing water, and major water drainage problems running through the park. The playground equipment is in extremely poor condition and 90% of it has been removed. There is no off-street parking and very limited vegetation. This expenditure will provide for development of a park plan and application for grants. The improvements will be complete by December 2012.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Environmental Utility Fund	25,000	0	0	0	0	0	25,000
Park Development Fund	325,000	50,000	0	0	0	0	375,000

PROJECT STARTING DATE: May 2008 PROJECT COMPLETION DATE: December 2012 NEIGHBORHOOD: 09 - Beaver Lake	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$125,000
	Equipment and Other:	\$275,000
	Project Costs:	\$400,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Gethsemane Park **TOTAL COST:** \$1,247,400

PROJECT NUMBER: PM10.040 **PROJECT CATEGORY:** Parks

DESCRIPTION: Gethsemane Park Purchase and Renovations

JUSTIFICATION:

Gethsemane Park is a local neighborhood park that the City has leased from Gethsemane Lutheran Church for the past 28 years. A purchase agreement has been negotiated for a portion of the park in conjunction with a senior housing project that the Church is pursuing. The funds requested in 2012 will be to purchase the final two acre's. In 2013, the \$250,000 requested will be matched by the church for redevelopment of the 4 acre park.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Park Development Fund	372,400	375,000	0	0	0	0	747,400
Bonds-Special Assessment	0	0	250,000	0	0	0	250,000
Bonds-G.O. Improvement	0	0	250,000	0	0	0	250,000

PROJECT STARTING DATE: January 2011 PROJECT COMPLETION DATE: November 2013 NEIGHBORHOOD: 09 - Beaver Lake	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$747,400
	Construction:	\$500,000
	Equipment and Other:	\$0
	Project Costs:	\$1,247,400

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: City Landfill Closure	TOTAL COST: \$375,000
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PROJECT NUMBER: PW02.120	PROJECT CATEGORY: Public Works
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DESCRIPTION: Closure of city dump west of Century, north of Ivy

JUSTIFICATION:

The Minnesota Pollution Control Agency is requiring the City of Maplewood to properly close the old city dump site. Closure will include a liner and stabilization channel for a drainage ditch to cross the site. This will eliminate storm water from inundating the waste and transferring leachate to other locations within the community. This project has been delayed from 2007 to 2012 due to funding limitations. The Grant is proposed to be a cooperative venture with the Minnesota Pollution Control Agency.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Grants	0	50,000	0	0	0	0	50,000
Environmental Utility Fund	0	50,000	275,000	0	0	0	325,000

	PROJECT COSTS
PROJECT STARTING DATE: June 2012	Preliminaries: \$50,000
	Land Acquisition: \$0
PROJECT COMPLETION DATE: December 2013	Construction: \$325,000
	Equipment and Other: \$0
NEIGHBORHOOD: 09 - Beaver Lake	Project Costs: \$375,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Bartelmy Meyer Area Streets **TOTAL COST:** \$2,430,000

PROJECT NUMBER: PW08.070 **PROJECT CATEGORY:** Public Works

DESCRIPTION: Neighborhood Area Street Improvements and Full Reconstruction of State Aid Street

JUSTIFICATION:

Bartelmy Street, a state aid route from Minnehaha Avenue to Stillwater Road, is in poor condition. This section of roadway does not currently have curb and gutter. The northern half of the roadway has minimal storm sewer. A full reconstruction is necessary. The neighborhood streets north of Minnehaha Avenue and east of Stillwater Road are beginning to fail and are in need of improvement. The streets include Brand Street, Meyer Street, Mary Street, and 7th Street.

1.3 miles of streets, Average PCI: 36/100

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Bonds-G.O. Improvement	100,000	183,400	0	0	0	0	283,400
Bonds-Special Assessment	0	851,000	0	0	0	0	851,000
Sanitary Sewer Fund	0	172,000	0	0	0	0	172,000
St. Paul Water	0	97,200	0	0	0	0	97,200
Environmental Utility Fund	0	175,000	0	0	0	0	175,000
St. Paul W.A.C. Fund	0	297,200	0	0	0	0	297,200
Bonds-M.S.A.	0	554,200	0	0	0	0	554,200

		PROJECT COSTS	
PROJECT STARTING DATE:	July 2011	Preliminaries:	\$100,000
		Land Acquisition:	\$0
PROJECT COMPLETION DATE:	October 2012	Construction:	\$2,330,000
		Equipment and Other:	\$0
NEIGHBORHOOD:	09 - Beaver Lake	Project Costs:	\$2,430,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Farrell/Ferndale Area Street Improvements **TOTAL COST:** \$4,090,000

PROJECT NUMBER: PW09.080 **PROJECT CATEGORY:** Public Works

DESCRIPTION: Neighborhood Area Street Reconstruction

JUSTIFICATION:

The streets just east of 3M and south of Minnehaha Ave are in need of full street reconstruction including significant drainage improvements. Most streets have no curbing and water cannot properly be channeled out of the street section. Storm water pipe and BMPs will be required in the neighborhood. Infiltration basins, rainwater gardens, and other techniques will have to be explored to address drainage and treatment deficiencies. The following streets are included in the improvements: Margaret Ave, 5th Ave, Fremont Ave, Farrell St, Ferndale St, and Conway Service Dr.
2.1 miles of street, Average PCI: 43/100.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Bonds-G.O. Improvement	0	0	0	200,000	1,230,800	0	1,430,800
Bonds-Special Assessment	0	0	0	0	1,433,000	0	1,433,000
Sanitary Sewer Fund	0	0	0	0	290,000	0	290,000
St. Paul W.A.C. Fund	0	0	0	0	363,600	0	363,600
Environmental Utility Fund	0	0	0	0	409,000	0	409,000
St. Paul Water	0	0	0	0	163,600	0	163,600

PROJECT STARTING DATE: July 2014 PROJECT COMPLETION DATE: October 2015 NEIGHBORHOOD: 09 - Beaver Lake	PROJECT COSTS	
	Preliminaries:	\$200,000
	Land Acquisition:	\$0
	Construction:	\$3,890,000
	Equipment and Other:	\$0
	Project Costs:	\$4,090,000

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Battle Creek - Neighborhood #10

Map Legend	Project Description	C.I.P. Project #
A	Dennis/McClelland Area Street Improvements	PW09.100

Neighborhood Population

2000 – 1,138

Breakdown by density:

Fully developed – 1,470

1,270 – Low density

0 – medium density

200 – High density



Battle Creek Neighborhood #10

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CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Dennis/McClelland Area Street Improvements **TOTAL COST:** \$4,250,000

PROJECT NUMBER: PW09.100 **PROJECT CATEGORY:** Public Works

DESCRIPTION: Neighborhood Area Street Reconstruction

JUSTIFICATION:

These streets have continued to deteriorate and will require a full street reconstruction with the addition of concrete curb and gutter. The following streets are included in the improvements: Sterling St, James Dr, McClelland St, Ferndale St, Dennis Ln, O'Day St, Mayer Ln, Farrell St, and Mayhill Rd. Unique storm water treatment methods will be required in this area near Battle Creek along with installation of drainage infrastructure.

2 miles of streets, Average PCI: 54/100

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Bonds-G.O. Improvement	0	0	0	200,000	992,500	0	1,192,500
Bonds-Special Assessment	0	0	0	0	1,490,000	0	1,490,000
Sanitary Sewer Fund	0	0	0	0	345,000	0	345,000
St. Paul Water	0	0	0	0	212,500	0	212,500
St. Paul W.A.C. Fund	0	0	0	0	370,000	0	370,000
Environmental Utility Fund	0	0	0	0	640,000	0	640,000

PROJECT STARTING DATE: July 2014 PROJECT COMPLETION DATE: October 2015 NEIGHBORHOOD: 10 - Battle Creek	PROJECT COSTS	
	Preliminaries:	\$200,000
	Land Acquisition:	\$0
	Construction:	\$4,050,000
	Equipment and Other:	\$0
	Project Costs:	\$4,250,000

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Vista Hills - Neighborhood #11

Map Legend	Project Description	C.I.P. Project #
A	Crestview/Highwood Area Streets	PW08.060

Neighborhood Population

2000 – 2,519

Breakdown by density:

Fully developed – 2,805

1,143 – Low density

1,642 – medium density

20 – High density

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CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Crestview/Highwood Area Streets **TOTAL COST:** \$7,350,000

PROJECT NUMBER: PW08.060 **PROJECT CATEGORY:** Public Works

DESCRIPTION: Neighborhood Street Improvement

JUSTIFICATION:

Many streets south of Lower Afton Road, north of Linwood Avenue are deteriorating and are in need of improvements. Streets included in the project area include Marnie Street, Lakewood Drive, Teakwood (Drive and Court), Oakridge Drive, Crestview Drive, Hillwood Drive, Pond Avenue, Dorland Road (from Mailand to Londin Lane), Highpoint Curve, King Avenue, Mary (Street and Lane), O'Day (Street, Circle, and Lane), and Marnie Street. These streets have curb and gutter, but the pavement is beginning to fail. Most streets will require a partial reconstruction, while others may require full reconstruction due to utilities improvements. This project will also include the reconstruction of Sterling St. (from Londin Lane to Crestview Forest). The pavement on this section of roadway is in poor condition and needs to be rehabilitated. It is a collector street for the adjacent neighborhoods.

4.0 miles of streets, Average PCI: 46/100

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Bonds-M.S.A.	0	0	0	0	0	386,000	386,000
St. Paul Water	0	0	0	0	0	258,800	258,800
St. Paul W.A.C. Fund	0	0	0	0	0	258,800	258,800
Environmental Utility Fund	0	0	0	0	0	1,189,000	1,189,000
Sanitary Sewer Fund	0	0	0	0	0	375,000	375,000
Bonds-G.O. Improvement	0	0	0	0	200,000	2,102,400	2,302,400
Bonds-Special Assessment	0	0	0	0	0	2,580,000	2,580,000

		PROJECT COSTS	
PROJECT STARTING DATE:	July 2015	Preliminaries:	\$200,000
		Land Acquisition:	\$0
PROJECT COMPLETION DATE:	October 2016	Construction:	\$7,150,000
		Equipment and Other:	\$0
NEIGHBORHOOD:	11 - Vista Hills	Project Costs:	\$7,350,000

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Highwood - Neighborhood #12

Map Legend	Project Description	C.I.P. Project #
A	Fish Creek Open Space	PM11.010
B	Lakewood/Sterling Area Streets	PW08.050

Neighborhood Population

2000 – 2,706

Fully developed – 3,106

Breakdown by density:

2,906 – Low density

200 – medium density

0 – High density



Highwood Neighborhood #12

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Fish Creek Open Space	TOTAL COST: \$3,655,000
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PROJECT NUMBER: PM11.010	PROJECT CATEGORY: Parks
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DESCRIPTION: Fish Creek Open Space

JUSTIFICATION:

The City Council approved a Joint Powers Agreement with Ramsey County and RWMWD to acquire a 70-acre site south of Carver Avenue. Commitments include: \$505,000 from City of Maplewood, \$525,000 from Ramsey County, and \$175,000 from RWMWD. Staff is seeking grants and other funding for the remaining funds needed for this \$2-\$2.2 million acquisition. It is proposed that the northern 20-25 acres will be developed in 2013 to accomplish payment of a portion of the initial purchase.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Ramsey County	175,000	175,000	175,000	0	0	0	525,000
Bonds-G.O. Improvement	0	0	500,000	0	0	0	500,000
Grants	175,000	0	700,000	0	0	0	875,000
Sanitary Sewer Fund	0	0	600,000	0	0	0	600,000
Park Development Fund	225,000	250,000	30,000	0	0	0	505,000
Bonds-Special Assessment	0	0	450,000	0	0	0	450,000
St. Paul W.A.C. Fund	0	0	200,000	0	0	0	200,000

	PROJECT COSTS
PROJECT STARTING DATE: June 2011	Preliminaries: \$300,000
	Land Acquisition: \$2,000,000
PROJECT COMPLETION DATE: December 2013	Construction: \$1,355,000
	Equipment and Other: \$0
NEIGHBORHOOD: 12 - Highwood	Project Costs: \$3,655,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Lakewood/Sterling Area Streets **TOTAL COST:** \$2,780,000

PROJECT NUMBER: PW08.050 **PROJECT CATEGORY:** Public Works

DESCRIPTION: Neighborhood Area Street Reconstruction

JUSTIFICATION:

Streets south of Highwood and north of Carver Avenue are in poor condition and in need of repair. The streets include Moreland Court, Snowshoe Lane, Lakewood Drive, Schadt Drive, Sterling Street, Oak Heights Court, Mamie Avenue, Mary Place, Marnie Court, Snowshoe Court, and Crestview Court. These streets have curb and gutter except Sterling Street. The existing curb will be maintained and the streets will be partially reconstructed.

1.7 miles of street, Average PCI 38/100

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Bonds-G.O. Improvement	0	0	200,000	885,600	0	0	1,085,600
Bonds-Special Assessment	0	0	0	765,000	0	0	765,000
Sanitary Sewer Fund	0	0	0	194,600	0	0	194,600
St. Paul Water	0	0	0	83,400	0	0	83,400
Environmental Utility Fund	0	0	0	368,000	0	0	368,000
St. Paul W.A.C. Fund	0	0	0	283,400	0	0	283,400

		PROJECT COSTS	
PROJECT STARTING DATE:	July 2013	Preliminaries:	\$200,000
		Land Acquisition:	\$0
PROJECT COMPLETION DATE:	October 2014	Construction:	\$2,580,000
		Equipment and Other:	\$0
NEIGHBORHOOD:	12 - Highwood	Project Costs:	\$2,780,000

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects Located in
 Carver Ridge - Neighborhood #13

Map Legend	Project Description	C.I.P. Project #
A	Sterling Street Bridge Replacement	PW12.020

Neighborhood Population

2000 – 145

Breakdown by density:

Fully developed – 724

724 – Low density
 0 – medium density
 0 – High density

Portion of Highwood
CIP Project PM11.010



Carver Ridge Neighborhood #13

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CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Sterling Street Bridge Replacement **TOTAL COST:** \$1,315,000

PROJECT NUMBER: PW12.020 **PROJECT CATEGORY:** Public Works

DESCRIPTION: Replacement of bridge

JUSTIFICATION:

The bridge on Sterling Street in south Maplewood is in need of replacement in the coming years and programmed for a 2015 replacement in accordance with the council adopted bridge program. State Bridge Funds are expected to pay for the majority of the cost of the project.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Bonds-M.S.A.	0	0	0	0	215,000	0	215,000
Mn/DOT	0	0	0	0	1,100,000	0	1,100,000

PROJECT STARTING DATE: January 2015

PROJECT COMPLETION DATE: October 2015

NEIGHBORHOOD: 13 - Carver Ridge

PROJECT COSTS

Preliminaries: \$100,000

Land Acquisition: \$0

Construction: \$1,215,000

Equipment and Other: \$0

Project Costs: \$1,315,000

CITY OF MAPLEWOOD
 CAPITAL IMPROVEMENT PLAN
 2012 – 2016

Projects without a
 Neighborhood Designation

Project Description	CIP Project #
Replacement of Fire Truck	FD03.020
Replacement of Fire Truck	FD06.020
Ambulance Replacement	FD08.010
Ambulance Replacement	FD09.020
Replacement of Fire Station	FD10.010
Replacement of Fire Station	FD10.011
Election Equipment	IT12.010
Public Works Carpeting	MT08.130
Nature Center Building Improvements	MT12.020
Community Field Upgrades	PM07.010
Park Equipment, Fence and Court Replacement	PM08.040
Open Space Improvements	PM08.060
Lift Station Upgrade Program	PW03.210
Two Toro Lawn Mowers and Two Trailers	PW06.010
One Tractor Loader and One 3 Wheel Truckster	PW06.060
One Snow Plow Truck	PW06.070
1-Ton Truck	PW07.030
Two Jacobsen Lawn Mowers	PW08.020
Two Toro Mowers and One 4-Wheel Truckster	PW09.020
Two 1 Ton Truck and One ½ Ton Truck	PW09.030
Jetter Truck	PW11.020
Parallelogram Lift	PW11.030
Single Axle Plow Truck	PW11.040
Emergency Generator	PW11.050
Mill and Overlays	PW12.010
MT-Trackless Maintenance Vehicle	PW12.030
Two ½ Ton Pickups	PW12.040
One Ton Truck	PW12.050
Crack Router	PW12.060
Grounds Sweeper	PW12.070

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Replacment of Fire Truck **TOTAL COST:** \$458,725

PROJECT NUMBER: FD03.020 **PROJECT CATEGORY:** Equipment

DESCRIPTION: 1500GPM fire truck

JUSTIFICATION:

This fire truck will replace a 27 year old piece of apparatus whose body has significant rust issues. The truck will have more cabinet spce than the present one and it will also have additional technology. This truck will be designed as a fire/rescue truck and will be developed to meet our needs over the next 20 years.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fire Truck Replacement Fund	0	0	0	458,725	0	0	458,725

PROJECT STARTING DATE: January 2014 PROJECT COMPLETION DATE: December 2014 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$458,725
	Project Costs:	\$458,725

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Replacement of Fire Truck **TOTAL COST:** \$490,905

PROJECT NUMBER: FD06.020 **PROJECT CATEGORY:** Equipment

DESCRIPTION: 1500-GPM fire truck

JUSTIFICATION:

This fire truck will replace a 26 year old piece of apparatus with sufficient rust issues. The truck will have more cabinet space than the present one and it will also have additional technology. This truck will be designed as a fire/rescue truck and will be developed to meet our needs over the next 20 years. This truck is the last truck in our fleet that is not equipped with an automatic transmission. Fewer and fewer people have the capabilities of driving a standard transmission which is making it more difficult to respond on calls.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fire Truck Replacement Fund	0	0	0	0	0	490,905	490,905

PROJECT STARTING DATE: January 2016 PROJECT COMPLETION DATE: December 2016 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$490,905
	Project Costs:	\$490,905

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Ambulance Replacement **TOTAL COST:** \$119,850

PROJECT NUMBER: FD08.010 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Modular ALS Ambulance

JUSTIFICATION:

Replacement or refurbishment of a 1999 ambulance. This keeps us on track with our replacement program for the six ambulances we currently have in place. This ambulance will have over 100,000 miles on it at the time of its replacement/refurbishment.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Ambulance Service Fund	0	0	119,850	0	0	0	119,850

PROJECT STARTING DATE: January 2013

PROJECT COMPLETION DATE: December 2013

NEIGHBORHOOD: Not Designated

PROJECT COSTS

Preliminaries:	\$0
Land Acquisition:	\$0
Construction:	\$0
Equipment and Other:	\$119,850
Project Costs:	\$119,850

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Ambulance Replacement **TOTAL COST:** \$123,445

PROJECT NUMBER: FD09.020 **PROJECT CATEGORY:** Equipment

DESCRIPTION: A Modular ALS Ambulance

JUSTIFICATION:

Replacement or refurbishment of a 2000 ambulance. This keeps us on track with our replacement program for the six ambulances we currently have in place. This ambulance will have over 100,000 miles on it at the time of its replacement/refurbishment.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Ambulance Service Fund	0	0	0	0	0	123,445	123,445

PROJECT STARTING DATE: January 2016 PROJECT COMPLETION DATE: September 2016 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$123,445
	Project Costs:	\$123,445

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Replacement of Fire Station **TOTAL COST:** \$4,000,000

PROJECT NUMBER: FD10.010 **PROJECT CATEGORY:** Building Maintenance

DESCRIPTION: New Fire Station

JUSTIFICATION:

Over the next five years, we will be investigating the need to replace one or all of the existing stations or downsize the number needed and/or rebuild in new locations. The oldest of the five stations is in need of some major work within the next five years, with the possibility of total replacement in order to make it cost effective. Four out of the five stations are over 30 years old and were built when the city was just starting to expand in its commercial and residential growth. In the last 10 years, the city has taken on a new look with the addition of senior housing, more multi-family housing and is changing the way we have to deliver the services in order to keep up with the increase in demand and at the same time, plan for the next 30+ years.

This proposal assumes a new firestation within southern Maplewood in 2012.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Bonds-G.O. Improvement	0	2,200,000	0	0	0	0	2,200,000
Bonds-Special Assessment	0	1,800,000	0	0	0	0	1,800,000

<p>PROJECT STARTING DATE: January 2012</p> <p>PROJECT COMPLETION DATE: December 2012</p> <p>NEIGHBORHOOD: Not Designated</p>	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$3,700,000
	Equipment and Other:	\$300,000
	Project Costs:	\$4,000,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Replacement of Fire Station	TOTAL COST: \$2,000,000
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PROJECT NUMBER: FD10.011	PROJECT CATEGORY: Building Maintenance
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DESCRIPTION: New Fire Station

JUSTIFICATION:

Over the next five years, we will be investigating the need to replace one or all of the existing stations or downsize the number needed and/or rebuild in new locations. The oldest of the five stations is in need of some major work within the next five years, with the possibility of total replacement in order to make it cost effective. Four out of the five stations are over 30 years old and were built when the city was just starting to expand in its commercial and residential growth. In the last 10 years, the city has taken on a new look with the addition of senior housing, more multi-family housing and is changing the way we have to deliver the services in order to keep up with the increase in demand and at the same time, plan for the next 30+ years.

This proposal assumes that firestation #7 will be rebuilt in 2014. Financing will be provided by the sale of firestations #1, #3 and #4.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
C.I.P. Fund	0	0	0	2,000,000	0	0	2,000,000

<p>PROJECT STARTING DATE: January 2014</p> <p>PROJECT COMPLETION DATE: December 2014</p> <p>NEIGHBORHOOD: Not Designated</p>	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$2,000,000
	Equipment and Other:	\$0
	Project Costs:	\$2,000,000

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Election Equipment **TOTAL COST:** \$125,000

PROJECT NUMBER: IT12.010 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Purchase of New Election Equipment

JUSTIFICATION:

Existing equipment will be replaced to upgrade computer capabilities and to meet state statute requirements.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
C.I.P. Fund	0	0	125,000	0	0	0	125,000

PROJECT STARTING DATE: February 2013

PROJECT COMPLETION DATE: February 2013

NEIGHBORHOOD: Not Designated

PROJECT COSTS

Preliminaries:	\$0
Land Acquisition:	\$0
Construction:	\$0
Equipment and Other:	\$125,000
Project Costs:	\$125,000

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Public Works Carpeting **TOTAL COST:** \$61,000

PROJECT NUMBER: MT08.130 **PROJECT CATEGORY:** Building Maintenance

DESCRIPTION: Public Works Carpeting

JUSTIFICATION:

The carpet at Public Works is wearing out or failing due to age and usage and needs to be replaced. The carpet will be evaluated each year to determine which areas need to be replaced. This is the tentative review year moved to 2016.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
C.I.P. Fund	0	0	0	0	0	61,000	61,000

PROJECT STARTING DATE: June 2016 PROJECT COMPLETION DATE: July 2016 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$61,000
	Project Costs:	\$61,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Nature Center Building Improvements	TOTAL COST: \$53,400
PROJECT NUMBER: MT12.020	PROJECT CATEGORY: Building Maintenance
DESCRIPTION: Exterior Siding Repair/Replacement, Roof Repair, Interior Improvements, Furnace Upgrade	

JUSTIFICATION:

The Nature Center is a educational facility that is enjoyed by the surrounding communities and benefits the youth and adults alike in learning about nature and to appreciate, preserve, and protect our environment. The building needs to have the cedar siding replaced in areas due to rotting, the shake roof shakes are deteriorating, splitting, and sliding out which may require either repairing or replacing upon further investigation. The flat roof areas need to be inspected, repaired or replaced due to interior leaking along with extending the drain scuppers and flashing correctly in such a way as to shed water away from the building siding. The interior improvements include carpet replacement, updating the rooms, furnace / airconditioning unit number two (2) replaced, and energy saving improvements.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
C.I.P. Fund	0	0	0	53,400	0	0	53,400

	PROJECT COSTS
PROJECT STARTING DATE: January 2014	Preliminaries: \$53,400
	Land Acquisition: \$0
PROJECT COMPLETION DATE: December 2014	Construction: \$0
	Equipment and Other: \$0
NEIGHBORHOOD: Not Designated	Project Costs: \$53,400

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Community Field Upgrades	TOTAL COST: \$275,000
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PROJECT NUMBER: PM07.010	PROJECT CATEGORY: Parks
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DESCRIPTION: Community Field Upgrades

JUSTIFICATION:

General upgrades of various community fields. This proposal will provide the City with resources to begin updating and/or replacing basketball and tennis courts, fields and fences. Included in this proposal are upgrades to Goodrich and Wakefield fences, restoration of ball fields at Goodrich and site enhancements to each of these parks. Additional upgrades of other parks determined by the Park Commission is also included in this fund.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
C.I.P. Fund	25,000	50,000	50,000	50,000	50,000	50,000	275,000

	PROJECT COSTS
PROJECT STARTING DATE: March 2009	Preliminaries: \$0
	Land Acquisition: \$0
PROJECT COMPLETION DATE: September 2016	Construction: \$275,000
	Equipment and Other: \$0
NEIGHBORHOOD: Not Designated	Project Costs: \$275,000

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Park Equipment, Fence and Court Replacement **TOTAL COST:** \$270,000

PROJECT NUMBER: PM08.040 **PROJECT CATEGORY:** Parks

DESCRIPTION: General Replacement of Park Equipment, Fences, Courts, etc.

JUSTIFICATION:

This project will provide for the periodic replacement of equipment in the City's park system. It will be used for park equipment, fences, basketball and tennis courts requiring replacement over time.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
C.I.P. Fund	20,000	50,000	50,000	50,000	50,000	50,000	270,000

PROJECT STARTING DATE: January 2009 PROJECT COMPLETION DATE: October 2016 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$270,000
	Project Costs:	\$270,000

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Open Space Improvements	TOTAL COST: \$120,000
PROJECT NUMBER: PM08.060	PROJECT CATEGORY: Parks
DESCRIPTION: Provide funding for open space improvements	

JUSTIFICATION:

This project covers ongoing improvements at open space sites. In 2008-2010, trails and buckthorn removal were done at Applewood Preserve. In 2011-2012, prairie and woodland restoration is being done at Beaver Creek Preserve. Future projects include trails and natural resources management. Rustic trails will be constructed at: Joy Park (preserve, not park), Prairie Farm (short segment), Kohlman Creek (short segment), Spoon Lake (full system). Natural areas will be restored and enhanced at: 1) Jim's Prairie--buffer restoration; 2) Joy Park (park, not preserve)--woodland and wetland restoration; 3) Priory--woodlands, savanna, wetland, prairie restoration; 4) Prairie Farm--savanna and woodland edge plantings, 5) Kohlman Creek--woodland planting, 6) Carver preserve--buckthorn removal, 7) Spoon Lake preserve--phase I buckthorn removal.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Park Development Fund	0	30,000	30,000	30,000	30,000	0	120,000

	PROJECT COSTS
PROJECT STARTING DATE: January 2012	Preliminaries: \$0
	Land Acquisition: \$0
PROJECT COMPLETION DATE: October 2015	Construction: \$120,000
	Equipment and Other: \$0
NEIGHBORHOOD: Not Designated	Project Costs: \$120,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Lift Station Upgrade Program	TOTAL COST: \$250,000
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PROJECT NUMBER: PW03.210	PROJECT CATEGORY: Public Works
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DESCRIPTION: Annual program to refurbish lift stations

JUSTIFICATION:

This program involves the refurbishing of lift stations. This expenditure is a preventive maintenance expenditure to help reduce backups and failures due to emergency situations. The program includes pump rebuilds, wet well inspections, and general site improvements for the nine lift stations located throughout the City. In 2013 upgrades are planned for Lift Station 14 1t 1080 County Road C East.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Sanitary Sewer Fund	0	0	250,000	0	0	0	250,000

	PROJECT COSTS
PROJECT STARTING DATE: January 2013	Preliminaries: \$25,000
	Land Acquisition: \$0
PROJECT COMPLETION DATE: October 2013	Construction: \$225,000
	Equipment and Other: \$0
NEIGHBORHOOD: Not Designated	Project Costs: \$250,000

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Two Toro Lawn Mowers and Two Trailers **TOTAL COST:** \$86,198

PROJECT NUMBER: PW06.010 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replacement of two Toro lawn mowers and two trailers

JUSTIFICATION:

Replacement is scheduled for two Toro lawn mowers with attachments.(\$63,098)
Toro units 653 and 654
Replacement of two 12,000 lb. capacity trailers. (\$23,100)
Trailer units 721 and 722

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	86,198	0	0	0	86,198

PROJECT STARTING DATE: January 2013 PROJECT COMPLETION DATE: July 2013 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$86,198
	Project Costs:	\$86,198

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: One Tractor Loader and Three Wheel Truckster **TOTAL COST:** \$82,162

PROJECT NUMBER: PW06.060 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replacement of one tractor and one truckster for grooming ballfields

JUSTIFICATION:

Replacement is scheduled for Parks tractor loader. (\$62,123) Unit 712

Replacement is scheduled for one three wheel truckster (\$20,039) Unit 655

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	82,162	0	0	0	82,162

PROJECT STARTING DATE: January 2013 PROJECT COMPLETION DATE: July 2013 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$82,162
	Project Costs:	\$82,162

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: One Snow Plow Truck **TOTAL COST:** \$171,160

PROJECT NUMBER: PW06.070 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replace one single-axle dump truck with plow, wing & sander

JUSTIFICATION:

This 1995 model year truck is scheduled for replacement unit 534.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	0	171,160	0	0	171,160

PROJECT STARTING DATE: January 2014

PROJECT COMPLETION DATE: December 2014

NEIGHBORHOOD: Not Designated

PROJECT COSTS

Preliminaries:	\$0
Land Acquisition:	\$0
Construction:	\$0
Equipment and Other:	\$171,160
Project Costs:	\$171,160

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: 1-Ton Truck	TOTAL COST: \$71,209
PROJECT NUMBER: PW07.030	PROJECT CATEGORY: Equipment
DESCRIPTION: Replacement of one 1-ton truck with plow attachment	

JUSTIFICATION:

Replacement is scheduled for one 1-ton truck with dump body for snow plowing and hauling material, etc. Unit 646 is scheduled to be replaced in 2013.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	71,209	0	0	0	71,209

PROJECT STARTING DATE: January 2013	PROJECT COSTS
	Preliminaries: \$0
	Land Acquisition: \$0
PROJECT COMPLETION DATE: August 2013	Construction: \$0
	Equipment and Other: \$71,209
NEIGHBORHOOD: Not Designated	Project Costs: \$71,209

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Two Jacobsen Lawn Mowers **TOTAL COST:** \$122,474

PROJECT NUMBER: PW08.020 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replace two park lawn mowers

JUSTIFICATION:

Replacement is scheduled for two Jacobsen lawn mowers with attachments (Units 658 and 659)

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	0	0	0	122,474	122,474

PROJECT STARTING DATE: January 2016 PROJECT COMPLETION DATE: September 2016 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$122,474
	Project Costs:	\$122,474

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Two Toro Mowers and One 4-Wheel Truckster **TOTAL COST:** \$98,284

PROJECT NUMBER: PW09.020 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replace two Toro lawn mowers and one ballfield grooming truckster

JUSTIFICATION:

Replacement is scheduled for two toro mowers \$73,494 Units 652 and 545
 Replacement is scheduled for one 4 wheel truckster \$24,790 Unit 656

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	0	0	98,284	0	98,284

PROJECT STARTING DATE: January 2015 PROJECT COMPLETION DATE: July 2015 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$98,284
	Project Costs:	\$98,284

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Two 1 ton Trucks and One 1/2 ton Truck **TOTAL COST:** \$161,494

PROJECT NUMBER: PW09.030 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replace two 1 ton trucks with plow attachments and one 1/2 ton pickup truck

JUSTIFICATION:

In 2012, replacement is scheduled for: One 1 ton series 4500 truck with plow and dump body \$60,712 (Unit 644) and One 1/2 ton pickup truck with engineering survey body \$40,000 (Unit 502). In 2013, replacement is scheduled for: One 1 ton truck with plow and flatbed body \$60,782 (Unit 643).

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	100,712	60,782	0	0	0	161,494

		PROJECT COSTS	
PROJECT STARTING DATE: January 2012		Preliminaries:	\$0
		Land Acquisition:	\$0
PROJECT COMPLETION DATE: September 2013		Construction:	\$0
		Equipment and Other:	\$161,494
NEIGHBORHOOD: Not Designated		Project Costs:	\$161,494

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Jetter Truck **TOTAL COST:** \$185,000

PROJECT NUMBER: PW11.020 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replacement of Jetter Truck

JUSTIFICATION:

The city operates one sewer jetting truck for its 155 miles of sewer. This piece of equipment's replacement is based on engine hours rather than odometer miles. The current jetter truck has 6,640 engine hours. That equates to having 298,800 miles driven on that engine. It is in need of replacement to ensure its reliability for maintaining the city's sewer system. (Unit 615)

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	185,000	0	0	0	0	185,000

PROJECT STARTING DATE: January 2012 PROJECT COMPLETION DATE: August 2012 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$185,000
	Project Costs:	\$185,000

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Parallelogram Lift **TOTAL COST:** \$114,320

PROJECT NUMBER: PW11.030 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replacement of Vehicle/Equipment Parallelogram

JUSTIFICATION:

The mechanics' large parallelogram lift is in need of replacement. The right rail of the lift is bending and needs to be replaced. This lift is used daily for maintenance of trucks that are 1-ton or larger and equipment including, but not limited to: dump trucks, fire trucks, ambulances, plow trucks and loaders. The current lift is mounted at the floor level. Due to new snow plow operations utilizing underbody plow equipment, the new hoist will need to be installed below floor level. This will allow the lift to be flush with the floor. Equipment can then be driven onto the lift without getting hung up and possibly damaging the hoist and/or the equipment.

The cost to replace the current lift is \$102,130. for an additional \$12,190 a lift that is more heavy-duty could be installed. This lift would have the capacity to lift 14,000 more pounds. This additional lifting capacity would allow for unseen changes in future Fire and Public Works equipment. It is recommended that the larger 50,000 pound capacity lift be purchased and installed for \$114,320.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	0	114,320	0	0	114,320

		PROJECT COSTS	
PROJECT STARTING DATE:	January 2014	Preliminaries:	\$0
		Land Acquisition:	\$0
PROJECT COMPLETION DATE:	October 2014	Construction:	\$0
		Equipment and Other:	\$114,320
NEIGHBORHOOD:	Not Designated	Project Costs:	\$114,320

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Single Axle Plow Truck **TOTAL COST:** \$185,734

PROJECT NUMBER: PW11.040 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replace Single Axle Plow Truck

JUSTIFICATION:

The 2000 model year plow truck is due for replacement. (Unit 535)

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	0	0	185,734	0	185,734

PROJECT STARTING DATE: January 2015 PROJECT COMPLETION DATE: August 2015 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$185,734
	Project Costs:	\$185,734

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Emergency Generator **TOTAL COST:** \$70,000

PROJECT NUMBER: PW11.050 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replacement of Caterpillar Emergency Generator

JUSTIFICATION:

The 1975 sanitary sewer lift station emergency generator is due for replacement.

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	0	0	0	70,000	70,000

PROJECT STARTING DATE: January 2016

PROJECT COMPLETION DATE: August 2016

NEIGHBORHOOD: Not Designated

PROJECT COSTS

Preliminaries:	\$0
Land Acquisition:	\$0
Construction:	\$0
Equipment and Other:	\$70,000
Project Costs:	\$70,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: Mill and Overlays **TOTAL COST:** \$2,140,000

PROJECT NUMBER: PW12.010 **PROJECT CATEGORY:** Public Works

DESCRIPTION: Mill and Overlay of Collector Streets

JUSTIFICATION:

The following collector streets are in need of mill and overlay to rehabilitate the deteriorating surface of the pavement: Highwood Avenue (from McKnight to New Century), Southlawn Drive (from Legacy Parkway to Beam Avenue), Maryland Avenue (from McKnight to Lakewood), Conway Avenue (from McKnight to Century), Linwood Avenue (from McKnight to Century), Roselawn Avenue (from Highway 61 to Rice Street), and Stillwater Avenue (from McKnight to Lakewood) 5.7 miles of street, Average PCI: 63

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
St. Paul W.A.C. Fund	0	21,400	25,000	0	0	0	46,400
Environmental Utility Fund	0	30,000	34,200	0	0	0	64,200
Sanitary Sewer Fund	0	23,600	19,200	0	0	0	42,800
Bonds-M.S.A.	125,000	800,000	1,061,600	0	0	0	1,986,600

<p>PROJECT STARTING DATE: June 2011</p> <p>PROJECT COMPLETION DATE: October 2013</p> <p>NEIGHBORHOOD: Not Designated</p>	PROJECT COSTS	
	Preliminaries:	\$300,000
	Land Acquisition:	\$0
	Construction:	\$1,840,000
	Equipment and Other:	\$0
	Project Costs:	\$2,140,000

CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2012 - 2016

PROJECT TITLE: MT-Trackless Maintenance Vehicle	TOTAL COST: \$110,000
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PROJECT NUMBER: PW12.030	PROJECT CATEGORY: Equipment
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DESCRIPTION: Purchase of MT-Trackless Series 6 Maintenance Vehicle

JUSTIFICATION:

Due to the additional 5 miles of sidewalk the city has acquired over the last two years, and forecasted future sidewalk installation, a new piece of equipment is needed to maintain them. With our current snow removal equipment we are unable to keep up with large snowfalls and are unable to meet the city's sidewalk snow removal policy. This machine will also have the capability to be used for the street and some parks department summer mowing operations. \$110,000 (Unit 731)

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	110,000	0	0	0	0	110,000

	PROJECT COSTS
PROJECT STARTING DATE: January 2012	Preliminaries: \$0
	Land Acquisition: \$0
PROJECT COMPLETION DATE: June 2012	Construction: \$0
	Equipment and Other: \$110,000
NEIGHBORHOOD: Not Designated	Project Costs: \$110,000

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Two 1/2 Ton Pickups **TOTAL COST:** \$58,026

PROJECT NUMBER: PW12.040 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replacement of two 1/2 ton pickups

JUSTIFICATION:

Two 1997 1/2 ton pickups are due for replacement. Unit 501 in 2014 and Unit 508 in 2015

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	0	29,013	29,013	0	58,026

PROJECT STARTING DATE: January 2014

PROJECT COMPLETION DATE: June 2015

NEIGHBORHOOD: Not Designated

PROJECT COSTS

Preliminaries:	\$0
Land Acquisition:	\$0
Construction:	\$0
Equipment and Other:	\$58,026
Project Costs:	\$58,026

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: One Ton Truck **TOTAL COST:** \$71,484

PROJECT NUMBER: PW12.050 **PROJECT CATEGORY:** Equipment

DESCRIPTION: Replacement of 1 ton utility dump/plow truck

JUSTIFICATION:

The 1999 1-ton utility dump/plow truck is due for replacement. \$71,484 (Unit 613)

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	0	0	0	71,484	71,484

PROJECT STARTING DATE: January 2016 PROJECT COMPLETION DATE: July 2016 NEIGHBORHOOD: Not Designated	PROJECT COSTS	
	Preliminaries:	\$0
	Land Acquisition:	\$0
	Construction:	\$0
	Equipment and Other:	\$71,484
	Project Costs:	\$71,484

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Crack Router	TOTAL COST: \$19,000
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PROJECT NUMBER: PW12.060	PROJECT CATEGORY: Equipment
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DESCRIPTION: Replacement of crack router

JUSTIFICATION:

The 1995 crack router used for repairing city streets is scheduled for replacement. \$19,000 (Unit 713)

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	0	0	0	19,000	19,000

	PROJECT COSTS
PROJECT STARTING DATE: January 2016	Preliminaries: \$0
	Land Acquisition: \$0
PROJECT COMPLETION DATE: July 2016	Construction: \$0
	Equipment and Other: \$19,000
NEIGHBORHOOD: Not Designated	Project Costs: \$19,000

**CITY OF MAPLEWOOD
CAPITAL IMPROVEMENT PLAN
2012 - 2016**

PROJECT TITLE: Grounds Sweeper	TOTAL COST: \$23,000
PROJECT NUMBER: PW12.070	PROJECT CATEGORY: Equipment
DESCRIPTION: Replacement of Grounds Sweeper	

JUSTIFICATION:

The 1998 Grounds Sweeper used to maintain city parks, city hall, and other city campuses is scheduled for replacement. \$23,000 (Unit 657)

PROJECT COSTS AND FUNDING SOURCES BY YEARS:

Funding Source	Prior Years	2012	2013	2014	2015	2016	Funding Total
Fleet Management Fund	0	0	0	0	0	23,000	23,000

PROJECT STARTING DATE: January 2016	PROJECT COSTS
	Preliminaries: \$0
	Land Acquisition: \$0
PROJECT COMPLETION DATE: July 2016	Construction: \$0
	Equipment and Other: \$23,000
NEIGHBORHOOD: Not Designated	Project Costs: \$23,000

APPENDIX

**FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS
GROUPED BY DEPARTMENT**

Status: Proposed

PROJECT NUMBER	PROJECT TITLE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
				2012	2013	2014	2015	2016
CD04.010	Gladstone Area Streetscape- Phase I	6,000,000	4,725,000	1,275,000	0	0	0	0
CD09.020	Gladstone - Phase II	4,100,000	0	0	0	400,000	3,700,000	0
		10,100,000	4,725,000	1,275,000	0	400,000	3,700,000	0
FD10.010	Replacement of Fire Station	4,000,000	0	4,000,000	0	0	0	0
FD10.011	Replacement of Fire Station	2,000,000	0	0	0	2,000,000	0	0
FD03.020	Replacement of Fire Truck	458,725	0	0	0	458,725	0	0
FD06.020	Replacement of Fire Truck	490,905	0	0	0	0	0	490,905
FD08.010	Ambulance Replacement	119,850	0	0	119,850	0	0	0
FD09.020	Ambulance Replacement	123,445	0	0	0	0	0	123,445
		7,192,925	0	4,000,000	119,850	2,458,725	0	614,350
IT12.010	Election Equipment	125,000	0	0	125,000	0	0	0
		125,000	0	0	125,000	0	0	0
MT12.010	Maplewood Community Center Improvements	1,250,000	150,000	100,000	250,000	250,000	250,000	250,000
MT12.020	Nature Center Building Improvements	53,400	0	0	0	53,400	0	0
MT08.130	Public Works Carpeting	61,000	0	0	0	0	0	61,000
MT08.150	Police Department Expansion	825,000	225,000	200,000	100,000	200,000	100,000	0
		2,189,400	375,000	300,000	350,000	503,400	350,000	311,000
PM10.040	Gethsemane Park	1,247,400	372,400	375,000	500,000	0	0	0
PM11.010	Fish Creek Open Space	3,655,000	575,000	425,000	2,655,000	0	0	0
PM11.020	Goodrich Park Improvements	468,000	118,000	0	0	175,000	175,000	0
PM12.010	Legacy Park Improvements	75,000	0	0	0	75,000	0	0
PM03.010	Lions Park Improvements	400,000	350,000	50,000	0	0	0	0
PM07.010	Community Field Upgrades	275,000	25,000	50,000	50,000	50,000	50,000	50,000
PM08.040	Park Equipment, Fence and Court Replacement	270,000	20,000	50,000	50,000	50,000	50,000	50,000
PM08.050	Gladstone Savanna Improvements	1,700,000	0	1,100,000	0	300,000	0	300,000
PM08.060	Open Space Improvements	120,000	0	30,000	30,000	30,000	30,000	0
		8,210,400	1,460,400	2,080,000	3,285,000	680,000	305,000	400,000
PW11.020	Jetter Truck	185,000	0	185,000	0	0	0	0
PW11.030	Parallelogram Lift	114,320	0	0	0	114,320	0	0
PW11.040	Single Axle Plow Truck	185,734	0	0	0	0	185,734	0
PW11.050	Emergency Generator	70,000	0	0	0	0	0	70,000
PW11.090	Arkwright/Sunrise Area Streets	4,480,000	0	200,000	4,280,000	0	0	0
PW12.010	Mill and Overlays	2,140,000	125,000	875,000	1,140,000	0	0	0
PW12.020	Sterling Street Bridge Replacement	1,315,000	0	0	0	0	1,315,000	0
PW12.030	MT-Trackless Maintenance Vehicle	110,000	0	110,000	0	0	0	0
PW12.040	Two 1/2 Ton Pickups	58,026	0	0	0	29,013	29,013	0
PW12.050	One Ton Truck	71,484	0	0	0	0	0	71,484
PW12.060	Crack Router	19,000	0	0	0	0	0	19,000
PW12.070	Grounds Sweeper	23,000	0	0	0	0	0	23,000
PW02.120	City Landfill Closure	375,000	0	100,000	275,000	0	0	0
PW03.210	Lift Station Upgrade Program	250,000	0	0	250,000	0	0	0
PW06.010	Two Toro Lawn Mowers and Two Trailers	86,198	0	0	86,198	0	0	0
PW06.060	One Tractor Loader and Three Wheel Truckster	82,162	0	0	82,162	0	0	0
PW06.070	One Snow Plow Truck	171,160	0	0	0	171,160	0	0
PW07.030	1-Ton Truck	71,209	0	0	71,209	0	0	0
PW07.100	TH 36 - English Intersection Improvements	14,000,000	800,000	800,000	8,000,000	4,400,000	0	0
PW08.020	Two Jacobsen Lawn Mowers	122,474	0	0	0	0	0	122,474
PW08.050	Lakewood/Sterling Area Streets	2,780,000	0	0	200,000	2,580,000	0	0
PW08.060	Crestview/Highwood Area Streets	7,350,000	0	0	0	0	200,000	7,150,000
PW08.070	Bartelmy Meyer Area Streets	2,430,000	100,000	2,330,000	0	0	0	0
PW09.020	Two Toro Mowers and One 4-Wheel Truckster	98,284	0	0	0	0	98,284	0
PW09.030	Two 1 ton Trucks and One 1/2 ton Truck	161,494	0	100,712	60,782	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	4,090,000	0	0	0	200,000	3,890,000	0
PW09.100	Dennis/McClelland Area Street Improvements	4,250,000	0	0	0	200,000	4,050,000	0
		45,089,545	1,025,000	4,700,712	14,445,351	7,694,493	9,768,031	7,455,958

*FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS
GROUPED BY DEPARTMENT*

Status: Proposed

<i>PROJECT NUMBER</i>	<i>PROJECT TITLE</i>	<i>TOTAL COST</i>	<i>PRIOR YEARS</i>	<i>ALLOCATION OF COSTS BY YEAR</i>				
				<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>
		<i>72,907,270</i>	<i>7,585,400</i>	<i>12,355,712</i>	<i>18,325,201</i>	<i>11,736,618</i>	<i>14,123,031</i>	<i>8,781,308</i>

**FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS
GROUPED BY FUNDING SOURCE**

Status: Proposed

PROJECT NUMBER	PROJECT TITLE	FUNDING SOURCE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2012	2013	2014	2015	2016
FD08.010	Ambulance Replacement	Ambulance Service Fund	119,850	0	0	119,850	0	0	0
FD09.020	Ambulance Replacement	Ambulance Service Fund	123,445	0	0	0	0	0	123,445
			243,295	0	0	119,850	0	0	123,445
CD04.010	Gladstone Area Streetscape- Phase I	Bonds-G.O. Improvement	275,000	275,000	0	0	0	0	0
FD10.010	Replacement of Fire Station	Bonds-G.O. Improvement	2,200,000	0	2,200,000	0	0	0	0
PM10.040	Gethsemane Park	Bonds-G.O. Improvement	250,000	0	0	250,000	0	0	0
PM11.010	Fish Creek Open Space	Bonds-G.O. Improvement	500,000	0	0	500,000	0	0	0
PM08.050	Gladstone Savanna Improvements	Bonds-G.O. Improvement	200,000	0	200,000	0	0	0	0
PW11.090	Arkwright/Sunrise Area Streets	Bonds-G.O. Improvement	1,775,200	0	200,000	1,575,200	0	0	0
PW08.050	Lakewood/Sterling Area Streets	Bonds-G.O. Improvement	1,085,600	0	0	200,000	885,600	0	0
PW08.060	Crestview/Highwood Area Streets	Bonds-G.O. Improvement	2,302,400	0	0	0	0	200,000	2,102,400
PW08.070	Bartelmy Meyer Area Streets	Bonds-G.O. Improvement	283,400	100,000	183,400	0	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Bonds-G.O. Improvement	1,430,800	0	0	0	200,000	1,230,800	0
PW09.100	Dennis/McClelland Area Street Improvements	Bonds-G.O. Improvement	1,192,500	0	0	0	200,000	992,500	0
			11,494,900	375,000	2,783,400	2,525,200	1,285,600	2,423,300	2,102,400
CD04.010	Gladstone Area Streetscape- Phase I	Bonds-M.S.A.	950,000	650,000	300,000	0	0	0	0
CD09.020	Gladstone - Phase II	Bonds-M.S.A.	350,000	0	0	0	0	350,000	0
PW12.010	Mill and Overlays	Bonds-M.S.A.	1,986,600	125,000	800,000	1,061,600	0	0	0
PW12.020	Sterling Street Bridge Replacement	Bonds-M.S.A.	215,000	0	0	0	0	215,000	0
PW07.100	TH 36 - English Intersection Improvements	Bonds-M.S.A.	2,000,000	450,000	450,000	700,000	400,000	0	0
PW08.060	Crestview/Highwood Area Streets	Bonds-M.S.A.	386,000	0	0	0	0	0	386,000
PW08.070	Bartelmy Meyer Area Streets	Bonds-M.S.A.	554,200	0	554,200	0	0	0	0
			6,441,800	1,225,000	2,104,200	1,761,600	400,000	565,000	386,000
CD04.010	Gladstone Area Streetscape- Phase I	Bonds-Special Assessment	1,800,000	1,800,000	0	0	0	0	0
CD09.020	Gladstone - Phase II	Bonds-Special Assessment	1,500,000	0	0	0	0	1,500,000	0
FD10.010	Replacement of Fire Station	Bonds-Special Assessment	1,800,000	0	1,800,000	0	0	0	0
PM10.040	Gethsemane Park	Bonds-Special Assessment	250,000	0	0	250,000	0	0	0
PM11.010	Fish Creek Open Space	Bonds-Special Assessment	450,000	0	0	450,000	0	0	0
PM08.050	Gladstone Savanna Improvements	Bonds-Special Assessment	400,000	0	400,000	0	0	0	0
PW11.090	Arkwright/Sunrise Area Streets	Bonds-Special Assessment	1,571,000	0	0	1,571,000	0	0	0
PW07.100	TH 36 - English Intersection Improvements	Bonds-Special Assessment	420,000	0	0	420,000	0	0	0
PW08.050	Lakewood/Sterling Area Streets	Bonds-Special Assessment	765,000	0	0	0	765,000	0	0
PW08.060	Crestview/Highwood Area Streets	Bonds-Special Assessment	2,580,000	0	0	0	0	0	2,580,000
PW08.070	Bartelmy Meyer Area Streets	Bonds-Special Assessment	851,000	0	851,000	0	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Bonds-Special Assessment	1,433,000	0	0	0	0	1,433,000	0
PW09.100	Dennis/McClelland Area Street Improvements	Bonds-Special Assessment	1,490,000	0	0	0	0	1,490,000	0
			15,310,000	1,800,000	3,051,000	2,691,000	765,000	4,423,000	2,580,000
PW07.100	TH 36 - English Intersection Improvements	Bonds-Tax Increment	500,000	0	0	500,000	0	0	0
			500,000	0	0	500,000	0	0	0
FD10.011	Replacement of Fire Station	C.I.P. Fund	2,000,000	0	0	0	2,000,000	0	0
IT12.010	Election Equipment	C.I.P. Fund	125,000	0	0	125,000	0	0	0
MT12.020	Nature Center Building Improvements	C.I.P. Fund	53,400	0	0	0	53,400	0	0
MT08.130	Public Works Carpeting	C.I.P. Fund	61,000	0	0	0	0	0	61,000
MT08.150	Police Department Expansion	C.I.P. Fund	825,000	225,000	200,000	100,000	200,000	100,000	0
PM07.010	Community Field Upgrades	C.I.P. Fund	275,000	25,000	50,000	50,000	50,000	50,000	50,000
PM08.040	Park Equipment, Fence and Court Replacement	C.I.P. Fund	270,000	20,000	50,000	50,000	50,000	50,000	50,000
			3,609,400	270,000	300,000	325,000	2,353,400	200,000	161,000
MT12.010	Maplewood Community Center Improvements	Community Center Operations	1,250,000	150,000	100,000	250,000	250,000	250,000	250,000
			1,250,000	150,000	100,000	250,000	250,000	250,000	250,000
CD04.010	Gladstone Area Streetscape- Phase I	Environmental Utility Fund	500,000	400,000	100,000	0	0	0	0
CD09.020	Gladstone - Phase II	Environmental Utility Fund	150,000	0	0	0	150,000	0	0
PM12.010	Legacy Park Improvements	Environmental Utility Fund	25,000	0	0	0	25,000	0	0

**FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS
GROUPED BY FUNDING SOURCE**

Status: Proposed

PROJECT NUMBER	PROJECT TITLE	FUNDING SOURCE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2012	2013	2014	2015	2016
PM03.010	Lions Park Improvements	Environmental Utility Fund	25,000	25,000	0	0	0	0	0
PM08.050	Gladstone Savanna Improvements	Environmental Utility Fund	200,000	0	100,000	0	50,000	0	50,000
PW11.090	Arkwright/Sunrise Area Streets	Environmental Utility Fund	448,000	0	0	448,000	0	0	0
PW12.010	Mill and Overlays	Environmental Utility Fund	64,200	0	30,000	34,200	0	0	0
PW02.120	City Landfill Closure	Environmental Utility Fund	325,000	0	50,000	275,000	0	0	0
PW07.100	TH 36 - English Intersection Improvements	Environmental Utility Fund	300,000	50,000	50,000	100,000	100,000	0	0
PW08.050	Lakewood/Sterling Area Streets	Environmental Utility Fund	368,000	0	0	0	368,000	0	0
PW08.060	Crestview/Highwood Area Streets	Environmental Utility Fund	1,189,000	0	0	0	0	0	1,189,000
PW08.070	Bartelmy Meyer Area Streets	Environmental Utility Fund	175,000	0	175,000	0	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Environmental Utility Fund	409,000	0	0	0	0	409,000	0
PW09.100	Dennis/McClelland Area Street Improvements	Environmental Utility Fund	640,000	0	0	0	0	640,000	0
			4,818,200	475,000	505,000	857,200	693,000	1,049,000	1,239,000
PW07.100	TH 36 - English Intersection Improvements	Federal Aid	7,200,000	0	0	4,200,000	3,000,000	0	0
			7,200,000	0	0	4,200,000	3,000,000	0	0
FD03.020	Replacement of Fire Truck	Fire Truck Replacement Fund	458,725	0	0	0	458,725	0	0
FD06.020	Replacement of Fire Truck	Fire Truck Replacement Fund	490,905	0	0	0	0	0	490,905
			949,630	0	0	0	458,725	0	490,905
PW11.020	Jetter Truck	Fleet Management Fund	185,000	0	185,000	0	0	0	0
PW11.030	Parallelogram Lift	Fleet Management Fund	114,320	0	0	0	114,320	0	0
PW11.040	Single Axle Plow Truck	Fleet Management Fund	185,734	0	0	0	0	185,734	0
PW11.050	Emergency Generator	Fleet Management Fund	70,000	0	0	0	0	0	70,000
PW12.030	MT-Trackless Maintenance Vehicle	Fleet Management Fund	110,000	0	110,000	0	0	0	0
PW12.040	Two 1/2 Ton Pickups	Fleet Management Fund	58,026	0	0	0	29,013	29,013	0
PW12.050	One Ton Truck	Fleet Management Fund	71,484	0	0	0	0	0	71,484
PW12.060	Crack Router	Fleet Management Fund	19,000	0	0	0	0	0	19,000
PW12.070	Grounds Sweeper	Fleet Management Fund	23,000	0	0	0	0	0	23,000
PW06.010	Two Toro Lawn Mowers and Two Trailers	Fleet Management Fund	86,198	0	0	86,198	0	0	0
PW06.060	One Tractor Loader and Three Wheel Truckster	Fleet Management Fund	82,162	0	0	82,162	0	0	0
PW06.070	One Snow Plow Truck	Fleet Management Fund	171,160	0	0	0	171,160	0	0
PW07.030	1-Ton Truck	Fleet Management Fund	71,209	0	0	71,209	0	0	0
PW08.020	Two Jacobsen Lawn Mowers	Fleet Management Fund	122,474	0	0	0	0	0	122,474
PW09.020	Two Toro Mowers and One 4-Wheel Truckster	Fleet Management Fund	98,284	0	0	0	0	98,284	0
PW09.030	Two 1 ton Trucks and One 1/2 ton Truck	Fleet Management Fund	161,494	0	100,712	60,782	0	0	0
			1,629,545	0	395,712	300,351	314,493	313,031	305,958
CD09.020	Gladstone - Phase II	Grants	1,250,000	0	0	0	0	1,250,000	0
PM11.010	Fish Creek Open Space	Grants	875,000	175,000	0	700,000	0	0	0
PM08.050	Gladstone Savanna Improvements	Grants	200,000	0	200,000	0	0	0	0
PW02.120	City Landfill Closure	Grants	50,000	0	50,000	0	0	0	0
PW07.100	TH 36 - English Intersection Improvements	Grants	500,000	0	0	500,000	0	0	0
			2,875,000	175,000	250,000	1,200,000	0	1,250,000	0
CD04.010	Gladstone Area Streetscape- Phase I	Mn/DOT	1,600,000	1,600,000	0	0	0	0	0
PW12.020	Sterling Street Bridge Replacement	Mn/DOT	1,100,000	0	0	0	0	1,100,000	0
PW07.100	TH 36 - English Intersection Improvements	Mn/DOT	3,000,000	300,000	300,000	1,500,000	900,000	0	0
			5,700,000	1,900,000	300,000	1,500,000	900,000	1,100,000	0
PM10.040	Gethsemane Park	Park Development Fund	747,400	372,400	375,000	0	0	0	0
PM11.010	Fish Creek Open Space	Park Development Fund	505,000	225,000	250,000	30,000	0	0	0
PM11.020	Goodrich Park Improvements	Park Development Fund	468,000	118,000	0	0	175,000	175,000	0
PM12.010	Legacy Park Improvements	Park Development Fund	50,000	0	0	0	50,000	0	0
PM03.010	Lions Park Improvements	Park Development Fund	375,000	325,000	50,000	0	0	0	0
PM08.050	Gladstone Savanna Improvements	Park Development Fund	700,000	0	200,000	0	250,000	0	250,000
PM08.060	Open Space Improvements	Park Development Fund	120,000	0	30,000	30,000	30,000	30,000	0
			2,965,400	1,040,400	905,000	60,000	505,000	205,000	250,000

**FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS
GROUPED BY FUNDING SOURCE**

Status: Proposed

PROJECT NUMBER	PROJECT TITLE	FUNDING SOURCE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2012	2013	2014	2015	2016
PM11.010	Fish Creek Open Space	Ramsey County	525,000	175,000	175,000	175,000	0	0	0
			<u>525,000</u>	<u>175,000</u>	<u>175,000</u>	<u>175,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
CD04.010	Gladstone Area Streetscape- Phase I	Sanitary Sewer Fund	250,000	0	250,000	0	0	0	0
CD09.020	Gladstone - Phase II	Sanitary Sewer Fund	250,000	0	0	0	250,000	0	0
PM11.010	Fish Creek Open Space	Sanitary Sewer Fund	600,000	0	0	600,000	0	0	0
PW11.090	Arkwright/Sunrise Area Streets	Sanitary Sewer Fund	317,000	0	0	317,000	0	0	0
PW12.010	Mill and Overlays	Sanitary Sewer Fund	42,800	0	23,600	19,200	0	0	0
PW03.210	Lift Station Upgrade Program	Sanitary Sewer Fund	250,000	0	0	250,000	0	0	0
PW07.100	TH 36 - English Intersection Improvements	Sanitary Sewer Fund	50,000	0	0	50,000	0	0	0
PW08.050	Lakewood/Sterling Area Streets	Sanitary Sewer Fund	194,600	0	0	0	194,600	0	0
PW08.060	Crestview/Highwood Area Streets	Sanitary Sewer Fund	375,000	0	0	0	0	0	375,000
PW08.070	Bartelmy Meyer Area Streets	Sanitary Sewer Fund	172,000	0	172,000	0	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Sanitary Sewer Fund	290,000	0	0	0	0	290,000	0
PW09.100	Dennis/McClelland Area Street Improvements	Sanitary Sewer Fund	345,000	0	0	0	0	345,000	0
			<u>3,136,400</u>	<u>0</u>	<u>445,600</u>	<u>1,236,200</u>	<u>444,600</u>	<u>635,000</u>	<u>375,000</u>
PM11.010	Fish Creek Open Space	St. Paul W.A.C. Fund	200,000	0	0	200,000	0	0	0
PW11.090	Arkwright/Sunrise Area Streets	St. Paul W.A.C. Fund	234,400	0	0	234,400	0	0	0
PW12.010	Mill and Overlays	St. Paul W.A.C. Fund	46,400	0	21,400	25,000	0	0	0
PW07.100	TH 36 - English Intersection Improvements	St. Paul W.A.C. Fund	30,000	0	0	30,000	0	0	0
PW08.050	Lakewood/Sterling Area Streets	St. Paul W.A.C. Fund	283,400	0	0	0	283,400	0	0
PW08.060	Crestview/Highwood Area Streets	St. Paul W.A.C. Fund	258,800	0	0	0	0	0	258,800
PW08.070	Bartelmy Meyer Area Streets	St. Paul W.A.C. Fund	297,200	0	297,200	0	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	St. Paul W.A.C. Fund	363,600	0	0	0	0	363,600	0
PW09.100	Dennis/McClelland Area Street Improvements	St. Paul W.A.C. Fund	370,000	0	0	0	0	370,000	0
			<u>2,083,800</u>	<u>0</u>	<u>318,600</u>	<u>489,400</u>	<u>283,400</u>	<u>733,600</u>	<u>258,800</u>
PW11.090	Arkwright/Sunrise Area Streets	St. Paul Water	134,400	0	0	134,400	0	0	0
PW08.050	Lakewood/Sterling Area Streets	St. Paul Water	83,400	0	0	0	83,400	0	0
PW08.060	Crestview/Highwood Area Streets	St. Paul Water	258,800	0	0	0	0	0	258,800
PW08.070	Bartelmy Meyer Area Streets	St. Paul Water	97,200	0	97,200	0	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	St. Paul Water	163,600	0	0	0	0	163,600	0
PW09.100	Dennis/McClelland Area Street Improvements	St. Paul Water	212,500	0	0	0	0	212,500	0
			<u>949,900</u>	<u>0</u>	<u>97,200</u>	<u>134,400</u>	<u>83,400</u>	<u>376,100</u>	<u>258,800</u>
CD04.010	Gladstone Area Streetscape- Phase I	Street Light Utility Fund	625,000	0	625,000	0	0	0	0
CD09.020	Gladstone - Phase II	Street Light Utility Fund	600,000	0	0	0	0	600,000	0
			<u>1,225,000</u>	<u>0</u>	<u>625,000</u>	<u>0</u>	<u>0</u>	<u>600,000</u>	<u>0</u>
			<u>72,907,270</u>	<u>7,585,400</u>	<u>12,355,712</u>	<u>18,325,201</u>	<u>11,736,618</u>	<u>14,123,031</u>	<u>8,781,308</u>

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**FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS
GROUPED BY PROJECT CATEGORY**

Status: Proposed

PROJECT NUMBER	PROJECT TITLE	PROJECT CATEGORY	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2012	2013	2014	2015	2016
FD10.010	Replacement of Fire Station	Building Maintena	4,000,000	0	4,000,000	0	0	0	0
FD10.011	Replacement of Fire Station	Building Maintena	2,000,000	0	0	0	2,000,000	0	0
MT12.010	Maplewood Community Center Improvements	Building Maintena	1,250,000	150,000	100,000	250,000	250,000	250,000	250,000
MT12.020	Nature Center Building Improvements	Building Maintena	53,400	0	0	0	53,400	0	0
MT08.130	Public Works Carpeting	Building Maintena	61,000	0	0	0	0	0	61,000
MT08.150	Police Department Expansion	Building Maintena	825,000	225,000	200,000	100,000	200,000	100,000	0
			8,189,400	375,000	4,300,000	350,000	2,503,400	350,000	311,000
FD03.020	Replacment of Fire Truck	Equipment	458,725	0	0	0	458,725	0	0
FD06.020	Replacement of Fire Truck	Equipment	490,905	0	0	0	0	0	490,905
FD08.010	Ambulance Replacement	Equipment	119,850	0	0	119,850	0	0	0
FD09.020	Ambulance Replacement	Equipment	123,445	0	0	0	0	0	123,445
IT12.010	Election Equipment	Equipment	125,000	0	0	125,000	0	0	0
PW11.020	Jetter Truck	Equipment	185,000	0	185,000	0	0	0	0
PW11.030	Parallelogram Lift	Equipment	114,320	0	0	0	114,320	0	0
PW11.040	Single Axle Plow Truck	Equipment	185,734	0	0	0	0	185,734	0
PW11.050	Emergency Generator	Equipment	70,000	0	0	0	0	0	70,000
PW12.030	MT-Trackless Maintenance Vehicle	Equipment	110,000	0	110,000	0	0	0	0
PW12.040	Two 1/2 Ton Pickups	Equipment	58,026	0	0	0	29,013	29,013	0
PW12.050	One Ton Truck	Equipment	71,484	0	0	0	0	0	71,484
PW12.060	Crack Router	Equipment	19,000	0	0	0	0	0	19,000
PW12.070	Grounds Sweeper	Equipment	23,000	0	0	0	0	0	23,000
PW06.010	Two Toro Lawn Mowers and Two Trailers	Equipment	86,198	0	0	86,198	0	0	0
PW06.060	One Tractor Loader and Three Wheel Truckster	Equipment	82,162	0	0	82,162	0	0	0
PW06.070	One Snow Plow Truck	Equipment	171,160	0	0	0	171,160	0	0
PW07.030	1-Ton Truck	Equipment	71,209	0	0	71,209	0	0	0
PW08.020	Two Jacobsen Lawn Mowers	Equipment	122,474	0	0	0	0	0	122,474
PW09.020	Two Toro Mowers and One 4-Wheel Truckster	Equipment	98,284	0	0	0	0	98,284	0
PW09.030	Two 1 ton Trucks and One 1/2 ton Truck	Equipment	161,494	0	100,712	60,782	0	0	0
			2,947,470	0	395,712	545,201	773,218	313,031	920,308
PM10.040	Gethsemane Park	Parks	1,247,400	372,400	375,000	500,000	0	0	0
PM11.010	Fish Creek Open Space	Parks	3,655,000	575,000	425,000	2,655,000	0	0	0
PM11.020	Goodrich Park Improvements	Parks	468,000	118,000	0	0	175,000	175,000	0
PM12.010	Legacy Park Improvements	Parks	75,000	0	0	0	75,000	0	0
PM03.010	Lions Park Improvements	Parks	400,000	350,000	50,000	0	0	0	0
PM07.010	Community Field Upgrades	Parks	275,000	25,000	50,000	50,000	50,000	50,000	50,000
PM08.040	Park Equipment, Fence and Court Replacement	Parks	270,000	20,000	50,000	50,000	50,000	50,000	50,000
PM08.050	Gladstone Savanna Improvements	Parks	1,700,000	0	1,100,000	0	300,000	0	300,000
PM08.060	Open Space Improvements	Parks	120,000	0	30,000	30,000	30,000	30,000	0
			8,210,400	1,460,400	2,080,000	3,285,000	680,000	305,000	400,000
PW11.090	Arkwright/Sunrise Area Streets	Public Works	4,480,000	0	200,000	4,280,000	0	0	0
PW12.010	Mill and Overlays	Public Works	2,140,000	125,000	875,000	1,140,000	0	0	0
PW12.020	Sterling Street Bridge Replacement	Public Works	1,315,000	0	0	0	0	1,315,000	0
PW02.120	City Landfill Closure	Public Works	375,000	0	100,000	275,000	0	0	0
PW03.210	Lift Station Upgrade Program	Public Works	250,000	0	0	250,000	0	0	0
PW07.100	TH 36 - English Intersection Improvements	Public Works	14,000,000	800,000	800,000	8,000,000	4,400,000	0	0
PW08.050	Lakewood/Sterling Area Streets	Public Works	2,780,000	0	0	200,000	2,580,000	0	0
PW08.060	Crestview/Highwood Area Streets	Public Works	7,350,000	0	0	0	0	200,000	7,150,000
PW08.070	Bartelmy Meyer Area Streets	Public Works	2,430,000	100,000	2,330,000	0	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Public Works	4,090,000	0	0	0	200,000	3,890,000	0
PW09.100	Dennis/McClelland Area Street Improvements	Public Works	4,250,000	0	0	0	200,000	4,050,000	0
			43,460,000	1,025,000	4,305,000	14,145,000	7,380,000	9,455,000	7,150,000
CD04.010	Gladstone Area Streetscape- Phase I	Redevelopment	6,000,000	4,725,000	1,275,000	0	0	0	0
CD09.020	Gladstone - Phase II	Redevelopment	4,100,000	0	0	0	400,000	3,700,000	0
			10,100,000	4,725,000	1,275,000	0	400,000	3,700,000	0
			72,907,270	7,585,400	12,355,712	18,325,201	11,736,618	14,123,031	8,781,308

**FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS
GROUPED BY NEIGHBORHOOD**

Status: Proposed

PROJECT NUMBER	PROJECT TITLE	NEIGHBORHOOD	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2012	2013	2014	2015	2016
PW11.090	Arkwright/Sunrise Area Streets	02 - Parkside	4,480,000	0	200,000	4,280,000	0	0	0
			<u>4,480,000</u>	<u>0</u>	<u>200,000</u>	<u>4,280,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
PM12.010	Legacy Park Improvements	04 - Hazelwood	75,000	0	0	0	75,000	0	0
			<u>75,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>75,000</u>	<u>0</u>	<u>0</u>
MT12.010	Maplewood Community Center Improvements	06 - Sherwood Glen	1,250,000	150,000	100,000	250,000	250,000	250,000	250,000
MT08.150	Police Department Expansion	06 - Sherwood Glen	825,000	225,000	200,000	100,000	200,000	100,000	0
PW07.100	TH 36 - English Intersection Improvements	06 - Sherwood Glen	14,000,000	800,000	800,000	8,000,000	4,400,000	0	0
			<u>16,075,000</u>	<u>1,175,000</u>	<u>1,100,000</u>	<u>8,350,000</u>	<u>4,850,000</u>	<u>350,000</u>	<u>250,000</u>
CD04.010	Gladstone Area Streetscape- Phase I	07 - Gladstone	6,000,000	4,725,000	1,275,000	0	0	0	0
CD09.020	Gladstone - Phase II	07 - Gladstone	4,100,000	0	0	0	400,000	3,700,000	0
PM08.050	Gladstone Savanna Improvements	07 - Gladstone	1,700,000	0	1,100,000	0	300,000	0	300,000
			<u>11,800,000</u>	<u>4,725,000</u>	<u>2,375,000</u>	<u>0</u>	<u>700,000</u>	<u>3,700,000</u>	<u>300,000</u>
PM11.020	Goodrich Park Improvements	08 - Hillside	468,000	118,000	0	0	175,000	175,000	0
			<u>468,000</u>	<u>118,000</u>	<u>0</u>	<u>0</u>	<u>175,000</u>	<u>175,000</u>	<u>0</u>
PM10.040	Gethsemane Park	09 - Beaver Lake	1,247,400	372,400	375,000	500,000	0	0	0
PM03.010	Lions Park Improvements	09 - Beaver Lake	400,000	350,000	50,000	0	0	0	0
PW02.120	City Landfill Closure	09 - Beaver Lake	375,000	0	100,000	275,000	0	0	0
PW08.070	Bartelmy Meyer Area Streets	09 - Beaver Lake	2,430,000	100,000	2,330,000	0	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	09 - Beaver Lake	4,090,000	0	0	0	200,000	3,890,000	0
			<u>8,542,400</u>	<u>822,400</u>	<u>2,855,000</u>	<u>775,000</u>	<u>200,000</u>	<u>3,890,000</u>	<u>0</u>
PW09.100	Dennis/McClelland Area Street Improvements	10 - Battle Creek	4,250,000	0	0	0	200,000	4,050,000	0
			<u>4,250,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>200,000</u>	<u>4,050,000</u>	<u>0</u>
PW08.060	Crestview/Highwood Area Streets	11 - Vista Hills	7,350,000	0	0	0	0	200,000	7,150,000
			<u>7,350,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>200,000</u>	<u>7,150,000</u>
PM11.010	Fish Creek Open Space	12 - Highwood	3,655,000	575,000	425,000	2,655,000	0	0	0
PW08.050	Lakewood/Sterling Area Streets	12 - Highwood	2,780,000	0	0	200,000	2,580,000	0	0
			<u>6,435,000</u>	<u>575,000</u>	<u>425,000</u>	<u>2,855,000</u>	<u>2,580,000</u>	<u>0</u>	<u>0</u>
PW12.020	Sterling Street Bridge Replacement	13 - Carver Ridge	1,315,000	0	0	0	0	1,315,000	0
			<u>1,315,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,315,000</u>	<u>0</u>
FD10.010	Replacement of Fire Station	Not Designated	4,000,000	0	4,000,000	0	0	0	0
FD10.011	Replacement of Fire Station	Not Designated	2,000,000	0	0	0	2,000,000	0	0
FD03.020	Replacment of Fire Truck	Not Designated	458,725	0	0	0	458,725	0	0
FD06.020	Replacement of Fire Truck	Not Designated	490,905	0	0	0	0	0	490,905
FD08.010	Ambulance Replacement	Not Designated	119,850	0	0	119,850	0	0	0
FD09.020	Ambulance Replacement	Not Designated	123,445	0	0	0	0	0	123,445
IT12.010	Election Equipment	Not Designated	125,000	0	0	125,000	0	0	0
MT12.020	Nature Center Building Improvements	Not Designated	53,400	0	0	0	53,400	0	0
MT08.130	Public Works Carpeting	Not Designated	61,000	0	0	0	0	0	61,000
PM07.010	Community Field Upgrades	Not Designated	275,000	25,000	50,000	50,000	50,000	50,000	50,000
PM08.040	Park Equipment, Fence and Court Replacement	Not Designated	270,000	20,000	50,000	50,000	50,000	50,000	50,000
PM08.060	Open Space Improvements	Not Designated	120,000	0	30,000	30,000	30,000	30,000	0

**FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS
GROUPED BY NEIGHBORHOOD**

Status: Proposed

PROJECT NUMBER	PROJECT TITLE	NEIGHBORHOOD	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR						
					2012	2013	2014	2015	2016		
PW11.020	Jetter Truck	Not Designated	185,000	0	185,000	0	0	0	0		
PW11.030	Parallelogram Lift	Not Designated	114,320	0	0	0	114,320	0	0		
PW11.040	Single Axle Plow Truck	Not Designated	185,734	0	0	0	0	185,734	0		
PW11.050	Emergency Generator	Not Designated	70,000	0	0	0	0	0	70,000		
PW12.010	Mill and Overlays	Not Designated	2,140,000	125,000	875,000	1,140,000	0	0	0		
PW12.030	MT-Trackless Maintenance Vehicle	Not Designated	110,000	0	110,000	0	0	0	0		
PW12.040	Two 1/2 Ton Pickups	Not Designated	58,026	0	0	0	29,013	29,013	0		
PW12.050	One Ton Truck	Not Designated	71,484	0	0	0	0	0	71,484		
PW12.060	Crack Router	Not Designated	19,000	0	0	0	0	0	19,000		
PW12.070	Grounds Sweeper	Not Designated	23,000	0	0	0	0	0	23,000		
PW03.210	Lift Station Upgrade Program	Not Designated	250,000	0	0	250,000	0	0	0		
PW06.010	Two Toro Lawn Mowers and Two Trailers	Not Designated	86,198	0	0	86,198	0	0	0		
PW06.060	One Tractor Loader and Three Wheel Truckster	Not Designated	82,162	0	0	82,162	0	0	0		
PW06.070	One Snow Plow Truck	Not Designated	171,160	0	0	0	171,160	0	0		
PW07.030	1-Ton Truck	Not Designated	71,209	0	0	71,209	0	0	0		
PW08.020	Two Jacobsen Lawn Mowers	Not Designated	122,474	0	0	0	0	0	122,474		
PW09.020	Two Toro Mowers and One 4-Wheel Truckster	Not Designated	98,284	0	0	0	0	98,284	0		
PW09.030	Two 1 ton Trucks and One 1/2 ton Truck	Not Designated	161,494	0	100,712	60,782	0	0	0		
					<u>12,116,870</u>	<u>170,000</u>	<u>5,400,712</u>	<u>2,065,201</u>	<u>2,956,618</u>	<u>443,031</u>	<u>1,081,308</u>
					<u>72,907,270</u>	<u>7,585,400</u>	<u>12,355,712</u>	<u>18,325,201</u>	<u>11,736,618</u>	<u>14,123,031</u>	<u>8,781,308</u>

**FIVE-YEAR CAPITAL IMPROVEMENT PLAN PROJECTS
GROUPED BY DEPARTMENT**

Status: Declined

PROJECT NUMBER	PROJECT TITLE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
				2012	2013	2014	2015	2016
CD02.010	Housing Replacement Program	750,000	0	150,000	150,000	150,000	150,000	150,000
CD04.030	Hillcrest Area Roadway Improvements	1,500,000	0	0	0	0	0	1,500,000
CD04.040	Hillcrest Area Redevelopment	1,100,000	0	0	0	0	0	1,100,000
CD04.050	Hillcrest Area Streetscape	1,700,000	0	0	0	0	0	1,700,000
CD09.010	Commercial Property Redevelopment	1,000,000	0	200,000	200,000	200,000	200,000	200,000
CD09.030	Gladstone - Phase III	6,350,000	0	0	0	0	0	6,350,000
		12,400,000	0	350,000	350,000	350,000	350,000	11,000,000
FD10.012	Replacement of Fire Station	1,300,000	0	0	0	300,000	0	1,000,000
FD09.011	Ambulance Replacement	127,155	0	0	0	0	0	127,155
FD09.030	Fire Training Facility	3,700,000	0	3,550,000	150,000	0	0	0
		5,127,155	0	3,550,000	150,000	300,000	0	1,127,155
MT12.030	Public Works Emergency Generator Replacement	38,000	0	0	0	38,000	0	0
MT08.010	City Facilities Security Systems Enhancement	80,000	0	0	20,000	20,000	20,000	20,000
MT08.151	Police Department Expansion	10,400,000	0	0	0	0	0	10,400,000
MT08.160	City Hall Carpet	53,700	0	0	0	0	0	53,700
		10,571,700	0	0	20,000	58,000	20,000	10,473,700
PM10.030	City Campus Improvements	365,000	110,000	165,000	35,000	35,000	20,000	0
PM03.060	Joy Park Improvements	450,000	300,000	0	150,000	0	0	0
		815,000	410,000	165,000	185,000	35,000	20,000	0
		28,913,855	410,000	4,065,000	705,000	743,000	390,000	22,600,855

PROJECTS DEFERRED/DECLINED

In the course of preparation of this Capital Improvement Plan, several noteworthy projects were proposed but deemed by staff to not be appropriate for inclusion at this time. These projects are discussed below and included for your review.

- **Hillcrest Area Redevelopment** – Staff recommends that this project be deferred until the Gladstone Neighborhood Redevelopment is further along so as to avoid competing with each other.
- **Housing Replacement Program** – This is a worthwhile project and the current economic conditions would call for some investment in this project. City finances are not currently available to provide sufficient benefit.
- **Commercial Property Redevelopment** – While this is a worthy project, staff does not believe that the costs are a priority use of tax levies. Staff will continue to look for opportunities in this area.
- **Joy Park Improvements** – Staff recommends deferral pending accumulation of Park Availability Charges.
- **Police Department Expansion** – This is an expensive proposition and its need has not been adequately demonstrated. Space needs at City Hall continue to be evaluated. This project may require a referendum to identify a source of funds.
- **Replacement/rehabilitation of Fire Station** – This item was deferred due to the high cost and a lack of funding identified. The Fire Chief will continue to monitor the station situation.
- **Fire Training Facility** – This is a very costly project and requires funding from other agencies. The project needs to be deferred until the funding can be acquired.
- **City Hall Carpeting** – The carpet is showing wear. Staff believes this need needs to be deferred for a few more years due to the lack of funding.
- **City Campus Improvements** – While staff recognizes that improvements need to be made, other project demands on the CIP fund are more critical.
- **City Facilities Security System Enhancements** – This proposal would add security cameras and card reader access along with enhanced monitoring capabilities to the city campus and fire stations. Staff believes other project demands on the CIP fund are more critical.
- **Public Works Emergency Generator Replacement** – Staff believes other project demands on the CIP fund are more critical.
- **Ambulance Replacement** – The replacement rates for the ambulance fleet has been delayed by one year at the recommendation of the Fire Chief based upon current department needs.
- **Various Street Improvements** – The following street improvement projects are deferred to 2017 or beyond and will be considered in the normal street improvement plan due to limited funding and a desire to reduce the level of City debt:
 - Hillcrest Area Roadway Improvements
 - Hillcrest Area Streetscape
 - Gladstone – Phase III

CITY OF MAPLEWOOD, MINNESOTA
AMBULANCE SERVICE FUND (606)
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

	2012	2013	2014	2015	2016
<u>Revenues</u>					
Ambulance fees	\$2,024,830	\$2,085,570	\$2,148,140	\$2,212,580	\$2,278,960
Other	2,640	2,720	2,800	2,880	2,970
State fire aid	71,990	71,990	71,990	71,990	71,990
Total revenues	2,099,460	2,160,280	2,222,930	2,287,450	2,353,920
<u>Expenses:</u>					
Administration	820	820	820	820	820
Billing	51,800	51,800	51,800	51,800	51,800
Emergency medical services	2,009,070	2,009,070	2,009,070	2,009,070	2,009,070
Depreciation	61,290	61,290	61,290	61,290	61,290
Interest on interfund loans	7,900	7,900	7,900	7,900	7,900
Total expenses	2,130,880	2,130,880	2,130,880	2,130,880	2,130,880
Change in net assets	(31,420)	29,400	92,050	156,570	223,040
Net assets - January 1	(1,073,336)	(1,104,756)	(1,075,356)	(983,306)	(826,736)
Net assets - December 31	(\$1,104,756)	(\$1,075,356)	(\$983,306)	(\$826,736)	(\$603,696)

STATEMENT OF CASH FLOWS

	2012	2013	2014	2015	2016
<u>Sources of cash:</u>					
Net income (loss)	(\$31,420)	\$29,400	\$92,050	\$156,570	\$223,040
Add depreciation	61,290	61,290	61,290	61,290	61,290
Total	29,870	90,690	153,340	217,860	284,330
<u>Applications of cash:</u>					
Purchase of fixed assets	0	119,850	0	0	123,450
Total	0	119,850	0	0	123,450
Net increase (decrease) in cash	29,870	(29,160)	153,340	217,860	160,880
Cash and cash equivalents - January 1	(2,551,802)	(2,521,932)	(2,551,092)	(2,397,752)	(2,179,892)
Cash and cash equivalents - December 31	(\$2,521,932)	(\$2,551,092)	(\$2,397,752)	(\$2,179,892)	(\$2,019,012)

CITY OF MAPLEWOOD, MINNESOTA
CAPITAL IMPROVEMENT PROJECTS FUND (405)
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

ACCT. NO.		2012	2013	2014	2015	2016
	<u>Property Taxes:</u>					
3011	Current	\$90,720	\$90,720	\$90,720	\$90,720	\$90,720
	<u>Intergovernmental:</u>					
3544	Other government grants/aid	0	60,000	0	0	0
	<u>Miscellaneous Revenue:</u>					
3801	Investment earnings	110	20	280	(350)	560
3804	Sale of property	0	0	2,000,000	0	0
	Total revenues	<u>90,830</u>	<u>150,740</u>	<u>2,091,000</u>	<u>90,370</u>	<u>91,280</u>
	<u>Expenditures:</u>					
4640	Election equipment	0	125,000	0	0	0
4720	Park equipment, fence and court replacement	50,000	50,000	50,000	50,000	50,000
4720	Community field upgrades	50,000	50,000	50,000	50,000	50,000
4730	PW carpeting	0	0	0	0	61,000
4730	Nature Center building improvements	0	0	53,400	0	0
4730	Police department expansion	200,000	100,000	200,000	100,000	0
4730	Fire stations	0	0	2,000,000	0	0
4930	Investment management fees	10	0	20	0	30
	Total expenditures	<u>300,010</u>	<u>325,000</u>	<u>2,353,420</u>	<u>200,000</u>	<u>161,030</u>
	Excess (deficit) of revenue over expenditures	(209,180)	(174,260)	(262,420)	(109,630)	(69,750)
	Other financing uses:					
	Transfers in (out) General Fund	<u>200,000</u>	<u>200,000</u>	<u>200,000</u>	<u>200,000</u>	<u>50,000</u>
	Net increase (decrease) in fund balance	(9,180)	25,740	(62,420)	90,370	(19,750)
	Fund balance - January 1	<u>11,278</u>	<u>2,098</u>	<u>27,838</u>	<u>(34,582)</u>	<u>55,788</u>
	Fund balance - December 31	<u>\$2,098</u>	<u>\$27,838</u>	<u>(\$34,582)</u>	<u>\$55,788</u>	<u>\$36,038</u>

CITY OF MAPLEWOOD, MINNESOTA
COMMUNITY CENTER OPERATIONS FUND (602)
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET ASSETS

PROG NO.		2012	2013	2014	2015	2016
	<u>Operating revenues:</u>					
611	Administration	\$1,513,650	\$1,523,650	\$1,533,650	\$1,558,650	\$1,573,650
612	Recreation activities	182,020	182,020	182,020	182,020	182,020
613	Leisure activities	346,000	346,000	346,000	346,000	346,000
	Total revenues	<u>2,041,670</u>	<u>2,051,670</u>	<u>2,061,670</u>	<u>2,086,670</u>	<u>2,101,670</u>
	<u>Operating expenses:</u>					
611	Administration	795,200	781,530	769,570	769,570	769,570
612	Recreation activities	499,330	490,750	483,240	483,240	483,240
613	Leisure activities	134,820	132,500	130,470	130,470	130,470
614	Building maintenance	897,310	881,890	868,390	868,390	868,390
	Total expenses	<u>2,326,660</u>	<u>2,286,670</u>	<u>2,251,670</u>	<u>2,251,670</u>	<u>2,251,670</u>
	Operating income (loss) before depreciation	(284,990)	(235,000)	(190,000)	(165,000)	(150,000)
	Other revenues (expenses):					
	Property tax revenue	401,090	429,740	420,190	396,310	381,990
	Depreciation	(255,840)	(255,840)	(255,840)	(255,840)	(255,840)
	Extraordinary item	(100,000)	(250,000)	(250,000)	(250,000)	(250,000)
	Interest on interfund loans	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)
	Total other revenues (expenses)	<u>40,250</u>	<u>(81,100)</u>	<u>(90,650)</u>	<u>(114,530)</u>	<u>(128,850)</u>
	Net loss	(244,740)	(316,100)	(280,650)	(279,530)	(278,850)
	Net assets - January 1	<u>7,278,709</u>	<u>7,033,969</u>	<u>6,717,869</u>	<u>6,437,219</u>	<u>6,157,689</u>
	Net assets - December 31	<u>\$7,033,969</u>	<u>\$6,717,869</u>	<u>\$6,437,219</u>	<u>\$6,157,689</u>	<u>\$5,878,839</u>

STATEMENT OF CASH FLOWS

	2012	2013	2014	2015	2016
<u>Sources of cash:</u>					
Net income (loss)	(\$244,740)	(\$316,100)	(\$280,650)	(\$279,530)	(\$278,850)
Add depreciation	255,840	255,840	255,840	255,840	255,840
Net increase (decrease) in cash	11,100	(60,260)	(24,810)	(23,690)	(23,010)
Cash balance - January 1	<u>(535,576)</u>	<u>(524,476)</u>	<u>(584,736)</u>	<u>(609,546)</u>	<u>(633,236)</u>
Cash balance - December 31	<u>(\$524,476)</u>	<u>(\$584,736)</u>	<u>(\$609,546)</u>	<u>(\$633,236)</u>	<u>(\$656,246)</u>

CITY OF MAPLEWOOD, MINNESOTA
ENVIRONMENTAL UTILITY FUND (604)
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET ASSETS

ACCT NO.	2012	2013	2014	2015	2016
<u>Operating revenues:</u>					
3651 Environmental utility charges	\$2,093,971	\$2,303,368	\$2,418,537	\$2,539,463	\$2,666,436
Total revenues	<u>2,093,971</u>	<u>2,303,368</u>	<u>2,418,537</u>	<u>2,539,463</u>	<u>2,666,436</u>
<u>Operating expenses:</u>					
Administration	94,146	96,029	97,949	99,908	101,907
Billing	37,026	37,767	38,522	39,292	40,078
Nature center	73,777	75,252	76,757	78,292	79,858
Storm sewer maintenance	782,850	798,507	814,477	830,767	847,382
Street sweeping	199,390	203,377	207,445	211,594	215,826
Depreciation	489,600	499,392	509,380	519,567	529,959
Total expenses	<u>1,676,788</u>	<u>1,710,324</u>	<u>1,744,530</u>	<u>1,779,421</u>	<u>1,815,009</u>
Operating income (loss)	417,183	593,044	674,006	760,042	851,427
<u>Nonoperating revenues (expenses):</u>					
3801 Investment earnings	5,580	6,640	5,060	6,060	4,530
4930 Investment management fees	(330)	(400)	(300)	(360)	(270)
Total nonoperating revenues (expenses)	<u>5,250</u>	<u>6,240</u>	<u>4,760</u>	<u>5,700</u>	<u>4,260</u>
Income before contributions and transfers	422,433	599,284	678,766	765,742	855,687
<u>Transfers in (out):</u>					
Public Improvement Projects Fund	(405,000)	(857,200)	(618,000)	(1,049,000)	(1,189,000)
Park Development Fund	(100,000)	0	(75,000)	0	(50,000)
Debt Service Fund	(301,460)	(399,690)	(394,770)	(389,720)	(399,760)
Change in net assets	(384,027)	(657,606)	(409,004)	(672,978)	(783,073)
Net assets - January 1	<u>18,757,587</u>	<u>18,373,560</u>	<u>17,715,954</u>	<u>17,306,950</u>	<u>16,633,973</u>
Net assets - December 31	<u>\$18,373,560</u>	<u>\$17,715,954</u>	<u>\$17,306,950</u>	<u>\$16,633,973</u>	<u>\$15,850,900</u>

STATEMENT OF CASH FLOWS

	2012	2013	2014	2015	2016
<u>Sources of cash:</u>					
Net income (loss)	\$422,433	\$599,284	\$678,766	\$765,742	\$855,687
Add depreciation	489,600	499,392	509,380	519,567	529,959
Total	<u>912,033</u>	<u>1,098,676</u>	<u>1,188,146</u>	<u>1,285,310</u>	<u>1,385,646</u>
<u>Applications of cash:</u>					
Transfers out	806,460	1,256,890	1,087,770	1,438,720	1,638,760
Total	<u>806,460</u>	<u>1,256,890</u>	<u>1,087,770</u>	<u>1,438,720</u>	<u>1,638,760</u>
Net increase (decrease) in cash	105,573	(158,214)	100,376	(153,410)	(253,114)
Cash and cash equivalents - January 1	<u>558,208</u>	<u>663,781</u>	<u>505,567</u>	<u>605,943</u>	<u>452,533</u>
Cash and cash equivalents - December 31	<u>\$663,781</u>	<u>\$505,567</u>	<u>\$605,943</u>	<u>\$452,533</u>	<u>\$199,418</u>

CITY OF MAPLEWOOD, MINNESOTA
FIRE TRUCK REPLACEMENT FUND (424)
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

ACCT. NO.	2012	2013	2014	2015	2016
<u>Property Taxes:</u>					
3011 Current	\$95,500	\$95,500	\$95,500	\$95,500	\$95,500
<u>Miscellaneous Revenue:</u>					
3801 Investment earnings	4,230	5,230	6,230	2,660	3,640
Total revenues	99,730	100,730	101,730	98,160	99,140
<u>Expenditures:</u>					
4610 Fire trucks	0	0	458,730	0	490,900
4930 Investment management fees	250	310	370	160	220
Total expenditures	250	310	459,100	160	491,120
Net increase (decrease) in fund balance	99,480	100,420	(357,370)	98,000	(391,980)
Fund balance - January 1	423,406	522,886	623,306	265,936	363,936
Fund balance - December 31	\$522,886	\$623,306	\$265,936	\$363,936	(\$28,044)

CITY OF MAPLEWOOD, MINNESOTA
FLEET MANAGEMENT FUND (702)
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

	2012	2013	2014	2015	2016
<u>Operating Revenues:</u>					
Billings to departments	\$851,230	\$851,230	\$851,230	\$851,230	\$851,230
Miscellaneous	55,450	56,560	57,690	58,840	60,020
Total revenues	906,680	907,790	908,920	910,070	911,250
<u>Operating Expenses:</u>					
Personnel services	296,820	302,760	308,820	315,000	321,300
Materials and supplies	153,130	156,190	159,310	162,500	165,750
Contractual services	124,820	127,320	129,870	132,470	135,120
Total expenses	574,770	586,270	598,000	609,970	622,170
Operating income (loss) before depreciation	331,910	321,520	310,920	300,100	289,080
<u>Other revenues (expenses):</u>					
Investment earnings	1,970	1,350	1,570	1,540	1,420
Depreciation	(250,580)	(255,590)	(260,700)	(265,910)	(271,230)
Investment management fees	(480)	(490)	(500)	(510)	(520)
Total other revenues	(249,090)	(254,730)	(259,630)	(264,880)	(270,330)
Increase (decrease) in net assets	82,820	66,790	51,290	35,220	18,750
Net assets - January 1	2,100,858	2,183,678	2,250,468	2,301,758	2,336,978
Net assets - December 31	<u>\$2,183,678</u>	<u>\$2,250,468</u>	<u>\$2,301,758</u>	<u>\$2,336,978</u>	<u>\$2,355,728</u>

STATEMENT OF CASH FLOWS

	2012	2013	2014	2015	2016
<u>Sources of cash:</u>					
Net income (loss)	\$82,820	\$66,790	\$51,290	\$35,220	\$18,750
Add depreciation	250,580	255,590	260,700	265,910	271,230
Total	333,400	322,380	311,990	301,130	289,980
<u>Applications of cash:</u>					
Purchase of fixed assets	395,710	300,350	314,490	313,030	305,960
Total	395,710	300,350	314,490	313,030	305,960
Net increase (decrease) in cash	(62,310)	22,030	(2,500)	(11,900)	(15,980)
Cash and cash equivalents - January 1	197,104	134,794	156,824	154,324	142,424
Cash and cash equivalents - December 31	<u>\$134,794</u>	<u>\$156,824</u>	<u>\$154,324</u>	<u>\$142,424</u>	<u>\$126,444</u>

CITY OF MAPLEWOOD, MINNESOTA
PARK DEVELOPMENT FUND (403)
STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE

ACCT. NO.	2012	2013	2014	2015	2016
<u>Miscellaneous Revenue:</u>					
3801	\$3,820	\$2,050	\$2,970	\$1,450	\$410
3851	150,000	150,000	100,000	100,000	100,000
3852	575,000	0	250,000	0	250,000
Total revenues	<u>728,820</u>	<u>152,050</u>	<u>352,970</u>	<u>101,450</u>	<u>350,410</u>
<u>Expenditures:</u>					
4720	625,000	0	475,000	175,000	250,000
4930	230	120	180	90	20
Total expenditures	<u>625,230</u>	<u>120</u>	<u>475,180</u>	<u>175,090</u>	<u>250,020</u>
Excess (deficit) of revenue over expenditures	103,590	151,930	(122,210)	(73,640)	100,390
Other financing uses:					
Transfers in/(out) Open Space	<u>(280,000)</u>	<u>(60,000)</u>	<u>(30,000)</u>	<u>(30,000)</u>	<u>0</u>
Net increase (decrease) in fund balance	(176,410)	91,930	(152,210)	(103,640)	100,390
Fund balance - January 1	<u>381,655</u>	<u>205,245</u>	<u>297,175</u>	<u>144,965</u>	<u>41,325</u>
Fund balance - December 31	<u>\$205,245</u>	<u>\$297,175</u>	<u>\$144,965</u>	<u>\$41,325</u>	<u>\$141,715</u>

CITY OF MAPLEWOOD, MINNESOTA
SANITARY SEWER FUND (601)
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET ASSETS

	2012	2013	2014	2015	2016
<u>Operating revenues:</u>					
Sewer permits	\$4,300	\$4,300	\$4,300	\$4,300	\$4,300
Sewer billings	4,873,363	5,019,563	5,170,150	5,325,255	5,485,013
Total revenues	<u>4,877,663</u>	<u>5,023,863</u>	<u>5,174,450</u>	<u>5,329,555</u>	<u>5,489,313</u>
<u>Operating expenses:</u>					
Administration	330,439	337,048	343,789	350,665	357,678
Billing	36,832	37,569	38,320	39,087	39,868
Sewage treatment	2,677,765	2,731,321	2,785,947	2,841,666	2,898,499
Maintenance	817,193	833,537	850,208	867,212	884,556
Depreciation	408,000	416,160	424,483	432,973	441,632
Total expenses	<u>4,270,230</u>	<u>4,355,635</u>	<u>4,442,747</u>	<u>4,531,602</u>	<u>4,622,234</u>
Operating income (loss)	607,433	668,229	731,703	797,953	867,078
<u>Transfers in (out):</u>					
Public Improvement Projects Fund	(445,600)	(636,200)	(444,600)	(635,000)	(375,000)
Debt Service Fund	(266,930)	(264,720)	(267,580)	(265,000)	(262,430)
Fish Creek Open Space	0	(600,000)	0	0	0
Change in net assets	(105,097)	(832,691)	19,523	(102,047)	229,648
Net assets - January 1	<u>12,577,425</u>	<u>12,472,327</u>	<u>11,639,636</u>	<u>11,659,159</u>	<u>11,557,112</u>
Net assets - December 31	<u>\$12,472,327</u>	<u>\$11,639,636</u>	<u>\$11,659,159</u>	<u>\$11,557,112</u>	<u>\$11,786,760</u>

STATEMENT OF CASH FLOWS

	2012	2013	2014	2015	2016
<u>Sources of cash:</u>					
Income (loss) before contribution and transfers	\$607,433	\$668,229	\$731,703	\$797,953	\$867,078
Add depreciation	408,000	416,160	424,483	432,973	441,632
Total	<u>1,015,433</u>	<u>1,084,389</u>	<u>1,156,186</u>	<u>1,230,926</u>	<u>1,308,711</u>
<u>Applications of cash:</u>					
Transfers out	712,530	1,500,920	712,180	900,000	637,430
Total	<u>712,530</u>	<u>1,500,920</u>	<u>712,180</u>	<u>900,000</u>	<u>637,430</u>
Net increase (decrease) in cash	302,903	(416,531)	444,006	330,926	671,281
Cash balance - January 1	<u>1,070,526</u>	<u>1,373,428</u>	<u>956,897</u>	<u>1,400,904</u>	<u>1,731,829</u>
Cash balance - December 31	<u>\$1,373,428</u>	<u>\$956,897</u>	<u>\$1,400,904</u>	<u>\$1,731,829</u>	<u>\$2,403,110</u>

CITY OF MAPLEWOOD, MINNESOTA
STREET LIGHT UTILITY FUND (607)
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET ASSETS

ACCT NO.	2012	2013	2014	2015	2016
<u>Operating revenues:</u>					
3032 Electric franchise tax	\$262,020	\$262,020	\$262,020	\$262,020	\$262,020
Total revenues	<u>262,020</u>	<u>262,020</u>	<u>262,020</u>	<u>262,020</u>	<u>262,020</u>
<u>Operating expenses:</u>					
Administration	13,170	13,170	13,170	13,170	13,170
Utilities	180,000	180,000	180,000	180,000	180,000
Maintenance	12,100	12,100	12,100	12,100	12,100
Total expenses	<u>205,270</u>	<u>205,270</u>	<u>205,270</u>	<u>205,270</u>	<u>205,270</u>
Operating income (loss)	56,750	56,750	56,750	56,750	56,750
Nonoperating revenues (expenses):					
3801 Investment earnings	1,790	2,370	2,480	2,590	700
4930 Investment management fees	(110)	(140)	(150)	(160)	(40)
Total nonoperating revenues (expenses)	<u>1,680</u>	<u>2,230</u>	<u>2,330</u>	<u>2,430</u>	<u>660</u>
Net income (loss) before contributions and transfers	58,430	58,980	59,080	59,180	57,410
Transfers in (out):					
Public Improvement Projects Fund	(625,000)	0	0	(600,000)	0
Amount to be bonded for	625,000	0	0	400,000	0
Debt Service Fund	0	(48,140)	(48,140)	(48,140)	(78,950)
Change in net assets	58,430	10,840	10,940	(188,960)	(21,540)
Net assets - January 1	<u>234,025</u>	<u>292,455</u>	<u>303,295</u>	<u>314,235</u>	<u>125,275</u>
Net assets - December 31	<u>\$292,455</u>	<u>\$303,295</u>	<u>\$314,235</u>	<u>\$125,275</u>	<u>\$103,735</u>

STATEMENT OF CASH FLOWS

	2012	2013	2014	2015	2016
<u>Sources of cash:</u>					
Net income (loss)	\$58,430	\$58,980	\$59,080	\$59,180	\$57,410
Total	<u>58,430</u>	<u>58,980</u>	<u>59,080</u>	<u>59,180</u>	<u>57,410</u>
<u>Applications of cash:</u>					
Transfers out (net of bonded amounts)	0	48,140	48,140	248,140	78,950
Total	<u>0</u>	<u>48,140</u>	<u>48,140</u>	<u>248,140</u>	<u>78,950</u>
Net increase (decrease) in cash	58,430	10,840	10,940	(188,960)	(21,540)
Cash balance - January 1	<u>178,650</u>	<u>237,080</u>	<u>247,920</u>	<u>258,860</u>	<u>69,900</u>
Cash balance - December 31	<u>\$237,080</u>	<u>\$247,920</u>	<u>\$258,860</u>	<u>\$69,900</u>	<u>\$48,360</u>

CITY OF MAPLEWOOD, MINNESOTA
WATER AVAILABILITY CHARGE FUND -- ST. PAUL WATER DISTRICT (407)
STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

ACCT. NO.	2012	2013	2014	2015	2016
<u>Miscellaneous Revenue:</u>					
3651 Utility billings	\$181,500	\$199,650	\$219,615	\$241,577	\$265,734
3801 Investment earnings	1,840	340	1,680	630	2,620
3808 Water availability charge	36,960	36,960	36,960	36,960	36,960
Total revenues	220,300	236,950	258,255	279,167	305,314
<u>Expenditures:</u>					
4485 Fees for utility billing	1,760	1,760	1,760	1,760	1,760
4920 Interest on interfund loans	3,680	0	0	0	0
4930 Investment management fees	110	20	100	40	160
Total expenditures	5,550	1,780	1,860	1,800	1,920
Excess (deficit) of revenue over expenditures	214,750	235,170	256,395	277,367	303,394
Other financing sources (uses):					
Transfers in (out):					
To PIP Fund	(318,600)	(489,400)	(283,400)	(733,600)	(258,800)
Add back amounts bonded for		434,400	0	733,600	0
To Debt Service Fund	(46,080)	(45,760)	(78,770)	(78,260)	(134,110)
Net increase (decrease) in fund balance	(149,930)	134,410	(105,775)	199,107	(89,516)
Fund balance - January 1	183,828	33,898	168,308	62,533	261,639
Fund balance - December 31	\$33,898	\$168,308	\$62,533	\$261,639	\$172,123

