



*Carsgrove Meadows Area Improvements*



*Carsgrove Street Reconstruction*

# City of Maplewood Capital Improvement Plan 2011-2015



*Joy Park Improvements*

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**CITY OF MAPLEWOOD, MINNESOTA**

**PRINCIPAL CITY OFFICIALS**

MAY 2010

**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

JULIE WASILUK, COUNCILMEMBER  
Term Expires 08-22-2010

**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
Gayle Bauman	Finance Manager	May 10, 2010
DuWayne Konewko	Director of Community Development & Parks	November 10, 2008
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 2011 – 2015 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. The staff has spent numerous hours of analysis in an attempt to provide the most cost-effective and prioritized projects for 2011 - 2015 to meet that focus.

Highlights of the 2011 – 2015 CIP are:

1. In 2007 and 2008, 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 has resulted in very favorable bids in 2007, 2008, 2009 and again in 2010 that have provided savings 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 cost savings of advancing projects is continuing in 2010. The City debt service levels are projected to begin a reduction but not until 2014 or 2015, so this CIP reflects a slowing down of the investment in infrastructure. If the City Council wishes to consider advancing additional projects, an allocation of the debt levy will be needed for this program. The projections for expenses to this program begins to diminish in 2011 and continues at a lower level through 2014 as planned expenditures are reduced to the \$5-6 million amount which is down from the projected level of \$10-12 million in 2007 – 2010. Expenditures thereafter should be lower as Maplewood streets are upgraded to more of a maintenance level rather than a reconstruction need.
2. The Gladstone redevelopment initiative is reflected in this plan. Major improvements totaling \$5,300,000 are planned for Phase 1 in 2010 and 2011, plus an additional \$1,200,000 for the Gladstone Savana in 2011. The second phase of the redevelopment is estimated to be delayed from the original plan in 2012 to 2013-14 at \$3,500,000 and the third phase has been delayed in this plan at \$5,750,000 from 2014 to 2015. 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-2015.



3. Development of a Master Trail Plan was a priority for the City in 2008 and 2009. 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. Some trail projects in 2011 continue with expenditures for trail development as well as trails at and near Joy Park and Lions Park.
4. Additional improvements were proposed to continue building maintenance of City facilities at City Hall and Maplewood Community Center. The Maplewood Community Center is unable to support operational costs due to nearly 45% of those costs for large increases in replacement of mechanical and building features. These requests have been delayed for a number of years due to the need for financial adjustments to the MCC Fund. Additional improvements at City Hall have also been delayed due to the lack of a dedicated funding source. As the Council debates the levy for 2011, consideration needs to be given to dedicate funds to these needs. The improvements have been removed from the CIP reflecting this lack of funding and are shown in the deferred/declined list.
5. Replacement of vehicles and equipment in the Fleet Management Fund reflects a need to delay the replacement of equipment. An annual expenditure of \$300,000 to \$350,000 is proposed for the planning period for replacements. This has meant a significant deferral of needed replacements that will add to maintenance costs.
6. The Park Development Fund is showing a continued 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.
7. A new addition to the 2011-2015 CIP is 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 will be financed with grants including the grant of the land from MnDOT. The facility will utilize wind, solar and geothermal technologies. A joint powers agreement will enable costs to be borne by the many metropolitan area fire departments that will benefit from it.
8. 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, \$12,000,000 of the \$14,800,000 total will need to come from grants and MnDOT sources.

The total 2011 – 2015 CIP reflects a reduced investment in capital program. This CIP, which differs dramatically from past years, shows an 13.1% decrease from the previous year's program. Significant re-prioritizing of funds shows that investment is proposed to decrease for buildings, equipment and Public Works, while Parks and redevelopment improvements are identified for substantial increases. The 2010 – 2014 CIP was a \$77.76 Million plan, while the 2011 – 2015 CIP is a \$65.73 Million plan. Much of this decreased cost is directly attributable to the delay and deferral of projects due to limited funding options. The 2010-2014 CIP included grants of \$13,900,000 while the 2011-2015 CIP includes grants in the amount of \$16,300,000.



As with the previous year, a section of this CIP is listed within the Appendix of Deferred Projects. 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 \$54,233,410. In the 2010 – 2014 CIP the Deferred Projects list was for \$21,409,672 worth of projects, which is a 253% increase in deferred-delayed projects and directly attributable to the lack of funding dedicated to capital replacement. 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 2009, the city's total tax levy was \$16,670,046 and of that amount, \$3,624,702 was for debt service on bond issues. The total Debt outstanding for Maplewood is proposed to reach \$76,157,297 in 2011 based upon the current plan within this CIP. 2010 total debt is \$79,047,297. 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 \$2,000,000 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 at 2.0 declining to 1.6% by 2015.

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 2011. 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 2011 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 2011 will be included in the Proposed 2011 Budget document. This will provide the City Council another opportunity to review the proposed year 2011 projects.

The 2011 – 2015 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 2011-2015 C.I.P. are \$65,735,385. Changes by project category over the last C.I.P. are as follows:

	2009-2013 C.I.P	2010-2014 C.I.P	2011-2015 C.I.P	Increase Amount	(Decrease) Percent
<b>Buildings</b>	\$1,311,000	\$4,365,599	\$3,849,000	(516,599)	-11.8%
<b>Redevelopment</b>	12,250,000	10,625,000	14,550,000	3,925,000	36.9%
<b>Equipment</b>	3,285,098	3,731,659	3,089,185	(642,474)	-17.2%
<b>Parks</b>	2,165,000	6,300,000	6,900,000	600,000	9.5%
<b>Public Works</b>	46,748,000	52,741,499	37,347,200	(15,394,299)	-29.2%
<b>TOTALS</b>	\$65,759,098	\$77,763,757	\$65,735,385	(12,028,372)	-15.5%

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

**1. TH 36 - English Intersection Improvements - \$14,800,000**

Construction of this project is planned for 2014. 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. Western Hills/Larpenteur Area Streets - \$5,980,000**

Construction of this project is planned for 2011. The majority of the streets will require full reconstruction.

**3. Gladstone Phase III - \$5,750,000**

Construction of this project is planned for 2015. Phase III includes improvements along Frost Avenue from English Street through Hazelwood. Improvements include burial of power lines, streetscape, new roadways, new storm water initiatives and utility extensions. Phases I and II will precede this project with a total anticipated cost of \$7,715,000.

**4. Gladstone Area Streetscape Phase I - \$5,300,000**

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

**5. Crestview/Highwood Area Streets - \$4,779,700**

Construction of this project is planned for 2013. The majority of the streets will require partial reconstruction while others will require full reconstruction due to utilities improvements.

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 51 projects in the current C.I.P. The 2010-2014 C.I.P. had 71 projects.

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## NEW PROJECTS IN THE CAPITAL IMPROVEMENT PLAN

Changes in project expenditures for the years 2011-2015 within this C.I.P. compared to the previous C.I.P. are as follows:

<u>Year</u>	<u>2010-2014 C.I.P.</u>	<u>2011-2015 C.I.P.</u>	<u>Increase (Decrease)</u>	
			<u>Amount</u>	<u>Percent</u>
2011	10,904,240	17,212,230	6,307,990	57.8%
2012	12,049,670	7,573,800	(4,475,870)	-37.1%
2013	12,808,600	8,930,400	(3,878,200)	-30.3%
2014	25,915,440	19,871,145	(6,044,295)	-23.3%
TOTALS	\$61,677,950	\$53,587,575	(\$8,090,375)	-13.1%

Some of the changes listed above are due to changes in the time schedule for projects. The new projects total \$5,253,050. These projects are as follows:

### PARKS

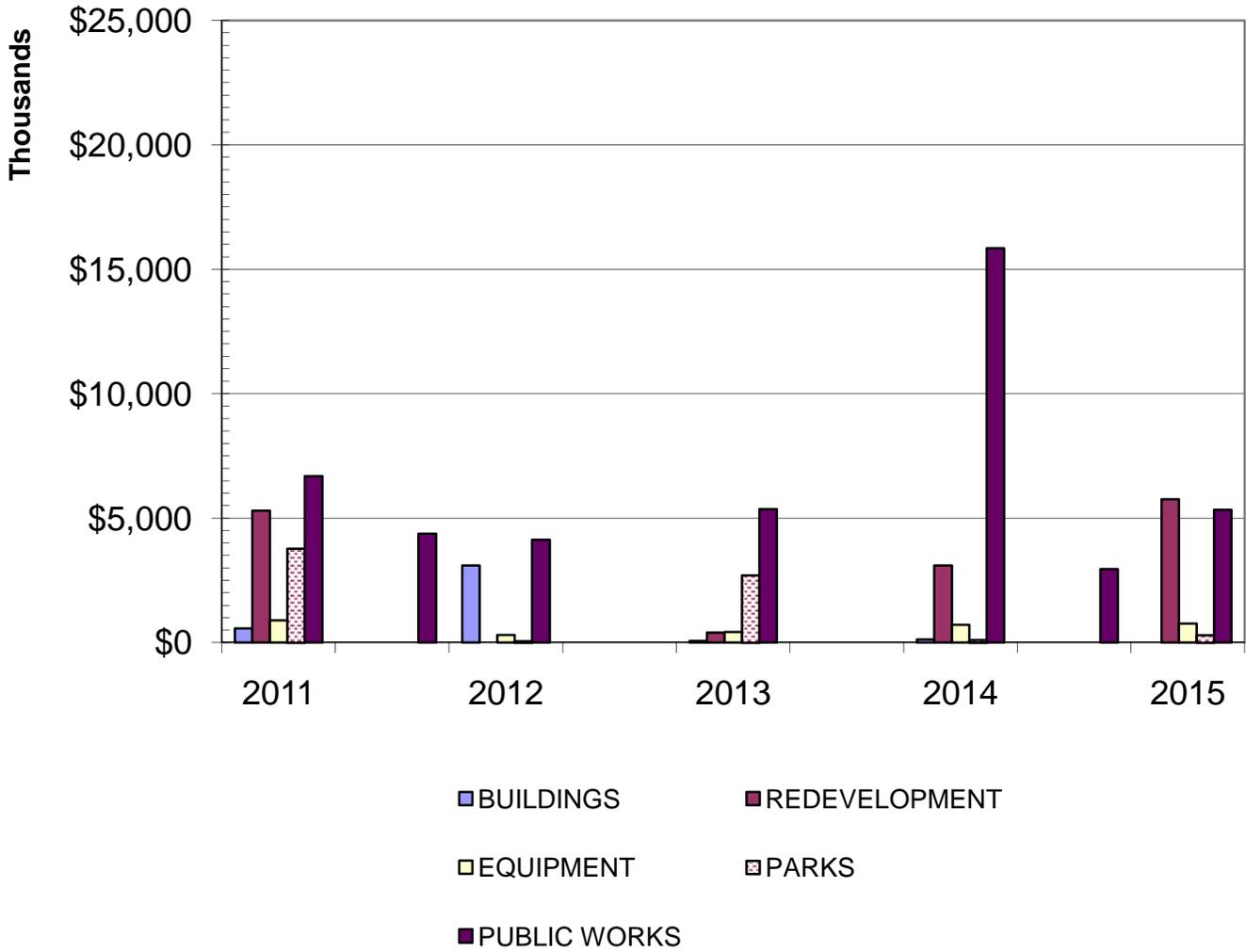
\$4,250,000	Fish Creek Open Space
<u>500,000</u>	Goodrich Park Improvements
\$4,750,000	

### PUBLIC WORKS

\$18,000	Cab for Jacobsen Mower
185,000	Jetter Truck
114,320	Parallelogram Lift
<u>185,730</u>	Single Axle Plow Truck
\$503,050	

<u><u>\$5,253,050</u></u>	Grand Total
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## PROJECTS BY CATEGORY 2011-2015



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

PROJECT CATEGORY	ALLOCATION OF COSTS BY YEAR					
	TOTAL	2011	2012	2013	2014	2015
BUILDINGS	\$3,849,000	\$570,000	\$3,100,000	\$60,000	\$119,000	\$0
REDEVELOPMENT	14,550,000	5,300,000	0	400,000	3,100,000	5,750,000
EQUIPMENT	3,089,185	892,230	303,800	420,700	707,145	765,310
PARKS	6,900,000	3,770,000	45,000	2,695,000	95,000	295,000
PUBLIC WORKS	37,347,200	6,680,000	4,125,000	5,354,700	15,850,000	5,337,500
<b>TOTALS</b>	<b>\$65,735,385</b>	<b>\$17,212,230</b>	<b>\$7,573,800</b>	<b>\$8,930,400</b>	<b>\$19,871,145</b>	<b>\$12,147,810</b>

# SCHEDULE FOR CONSTRUCTION AND FINANCING OF 2011 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.

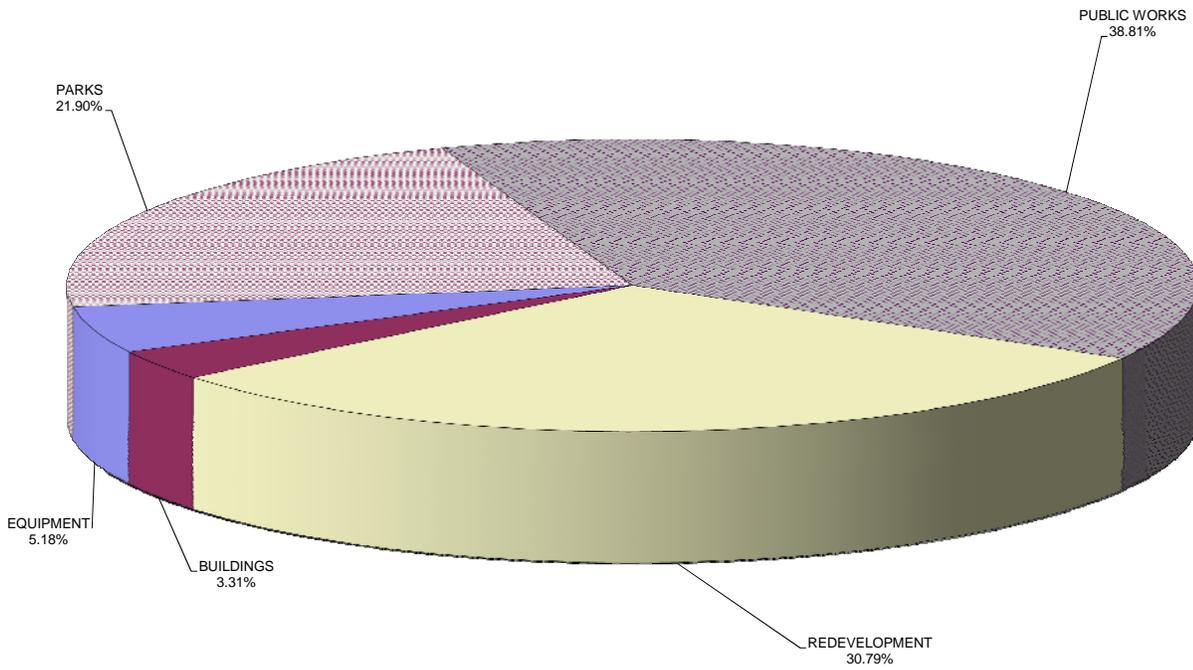
The schedule that needs to be followed for construction of the public improvement projects listed in this document for 2011 is as follows:

<b>SCHEDULE FOR PUBLIC IMPROVEMENT PROJECTS TO BE CONSTRUCTED IN 2011</b>	
August 2010	Begin Neighborhood Meetings
November 2010	Council receives Engineer's Report and orders Public Hearing
November 2010	Publish Legal Notice
December thru February 2011	Public Hearings; Order Improvement and Preparation Plans and Specifications
February 2011	Approve Plans and Specifications; Authorization to Advertise for Bids
March 2011	Award Bids

It is planned that bonds will be sold in April 2011 to finance the capital improvement projects that will be constructed in 2011. The schedule for the issuance of these bonds is as follows:

<b>SCHEDULE FOR 2011 BOND ISSUE</b>	
March 21, 2011	Last day for City Council to order projects to be financed by the bond issue
March 25, 2011	Financial data on projects to be financed due to financial consultant
April 2, 2011	Resolution setting bond sale due from bond council, bond sale details due from financial consultant
April 11, 2011	City Council adoption of resolution authorizing bond issue
May 2, 2011	Official statement (prospectus) distributed to rating agency, City, and prospective bidders
May 4, 2011	Bond rating due from Standard and Poor's
May 9, 2011	Bid opening and award of bids
June 9, 2011	Bond proceeds delivered to City

# PROJECTS BY CATEGORY 2011



- REDEVELOPMENT
- BUILDINGS
- EQUIPMENT
- PARKS
- PUBLIC WORKS

## PROJECTS SCHEDULED FOR 2011

PROJECT NUMBER	PROJECT TITLE	PROJECT CATEGORY	COST
FD09.030	Fire Training Facility	Buildings	\$570,000
			<u>\$570,000</u>
FD03.020	Replacement of Fire Truck	Equipment	\$449,730
FD08.010	Ambulance Replacement	Equipment	117,500
PW09.010	Jet/Vac Truck	Equipment	325,000
			<u>\$892,230</u>
PM10.010	Wetland Enhancement Program	Parks	\$25,000
PM11.010	Fish Creek Open Space	Parks	2,250,000
PM11.02	Goodrich Park Improvements	Parks	100,000
PM03.010	Lions Park Improvements	Parks	50,000
PM03.060	Joy Park Improvements	Parks	100,000
PM07.010	Community Field Upgrades	Parks	25,000
PM08.040	Park Equipment, Fence and Court Replacement	Parks	20,000
PM08.050	Gladstone Savanna Improvements	Parks	1,200,000
			<u>\$3,770,000</u>
PW07.060	Western Hills/Larpenteur Area Streets	Public Works	5,780,000
PW07.100	TH 36-English Intersection Improvements	Public Works	800,000
PW08.100	Sterling Street, Londin Lane to Crestview Forest Dr.	Public Works	100,000
			<u>\$6,680,000</u>
CD04.010	Gladstone Area Streetscape - Phase 1	Redevelopment	\$5,300,000
			<u>\$5,300,000</u>
	Grand Total		\$17,212,230

# 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.

**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.

**ISD #622** – within this C.I.P. document this is used to identify a portion of the Tartan Arena improvements that will be financed by the school district.

**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.

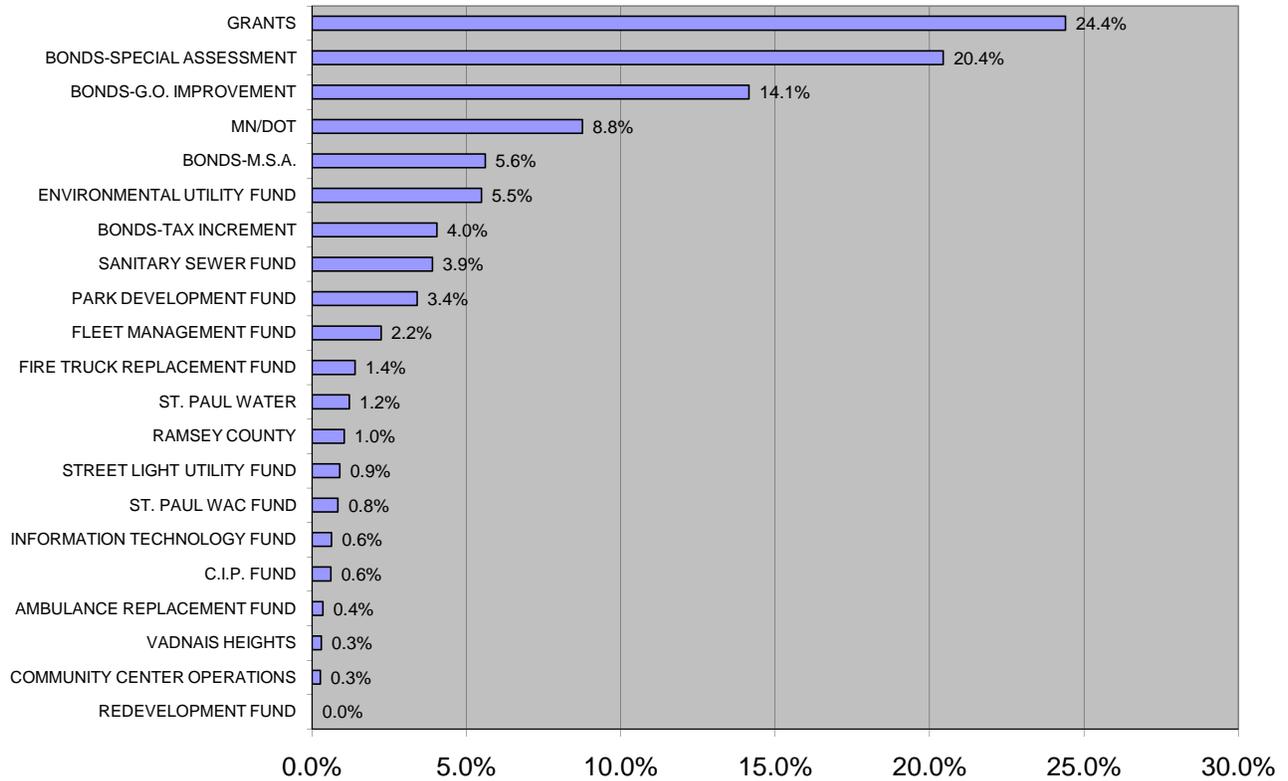
**Street Aid Fund** – accounts for state street aid that has not been allocated to specific projects.

**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



GRANTS	\$16,300,000
BONDS-SPECIAL ASSESSMENT	13,656,600
BONDS-G.O. IMPROVEMENT	9,451,810
MN/DOT	5,850,000
BONDS-M.S.A.	3,750,800
ENVIRONMENTAL UTILITY FUND	3,664,500
BONDS-TAX INCREMENT	2,700,000
SANITARY SEWER FUND	2,606,500
PARK DEVELOPMENT FUND	2,275,000
FLEET MANAGEMENT FUND	1,498,850
FIRE TRUCK REPLACEMENT FUND	931,010
ST. PAUL WATER	807,900
RAMSEY COUNTY	700,000
STREET LIGHT UTILITY FUND	600,000
ST. PAUL WAC FUND	564,090
INFORMATION TECHNOLOGY FUND	420,800
C.I.P. FUND	410,000
AMBULANCE REPLACEMENT FUND	238,525
VADNAIS HEIGHTS	200,000
COMMUNITY CENTER OPERATIONS	179,000
REDEVELOPMENT FUND	0
<b>TOTAL</b>	<b>\$66,805,385</b>

# GENERAL COMMUNITY DEVELOPMENT INFORMATION

## Community Growth

The population of Maplewood has been increasing steadily. The following table shows the recent and projected population and housing trends:

### Population, Households and Household Size

	<u>1990</u>	<u>2000</u>	<u>2008*</u>	<u>2010</u>	<u>2020</u>	<u>2030</u>
<b>Occupied Housing Units</b>	11,496	13,758	14,890	15,600	16,650	18,150
<b>Household Size (people per household)</b>	2.69	2.56	2.47	2.40	2.31	2.25
<b>Population</b>	30,954	35,258	36,717	37,500	38,500	40,900

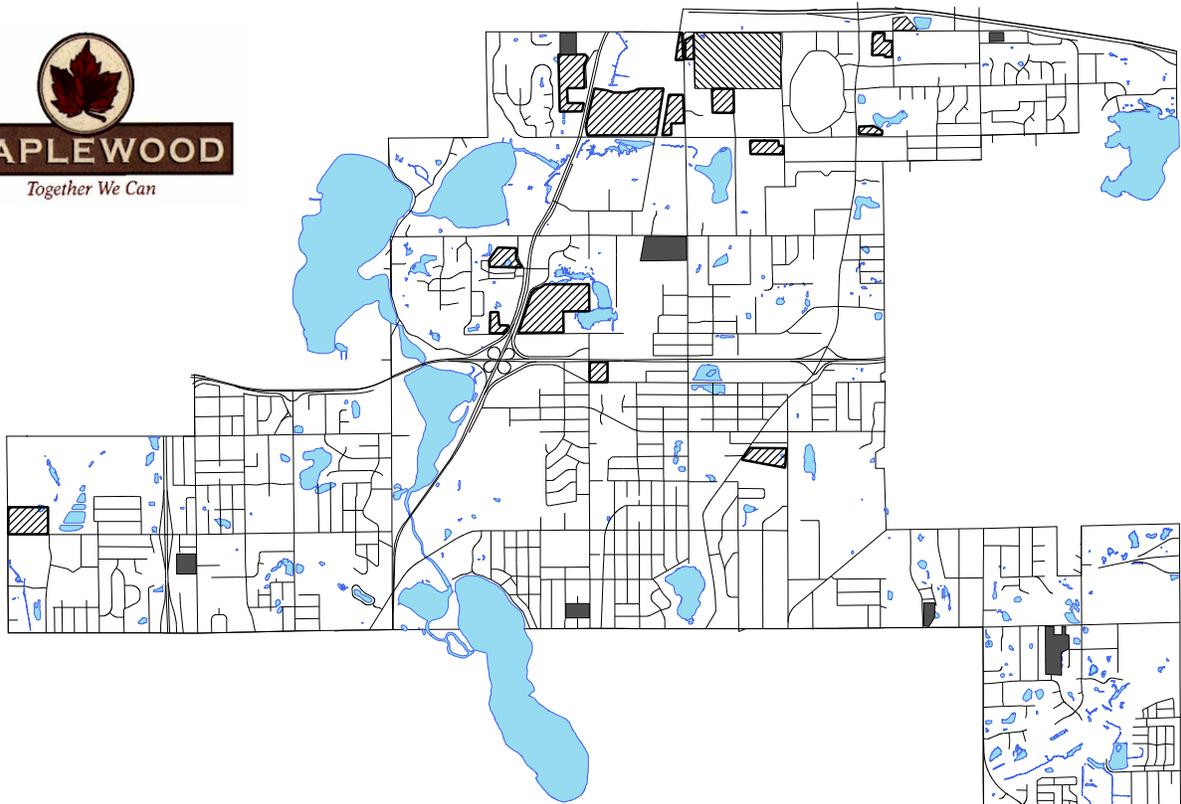
Sources: Metropolitan Council and City Staff  
\* Metropolitan Council Estimate from April 1, 2008

## 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 2015 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 2015, based on Metropolitan Council forecasts and projections.



## Maplewood's Undeveloped Land

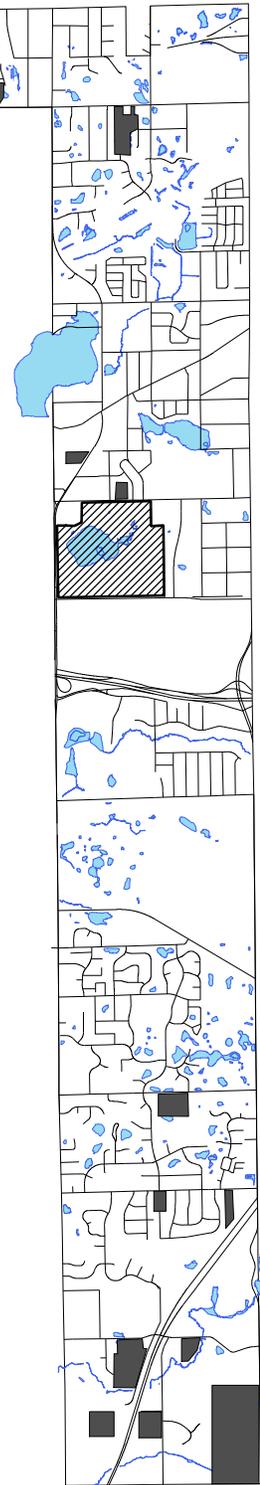
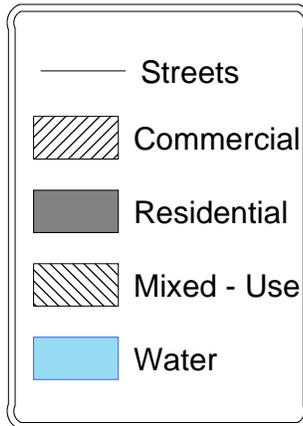


Table 1.

<b>MAPLEWOOD POPULATION STATISTICS</b>				
<b>YEAR</b>	<b>ESTIMATED POPULATION</b>	<b>POPULATION GAIN</b>	<b>NEW DWELLING UNITS</b>	<b>OCCUPIED HOUSEHOLD UNITS</b>
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	35,403	145	129	13,899
2002	35,592	189	284	14,040
2003	35,762	170	92	14,181
2004	35,957	195	102	14,322
2005	36,107	150	71	14,463
2006	36,397	290	207	14,604
2007	36,530	133	108	14,745
2008	36,717	187	121	14,890
2009	37,109	392	121	15,240
2010	37,500	391	70	15,600
2011	37,600	100	70	15,687
2012	37,700	100	70	15,774
2013	37,800	100	50	15,861
2014	37,900	100	50	15,948
2015	38,000	100	50	16,125

**Sources:**

**Estimated Population**

2000 - U.S. CENSUS

1995-2015 - Met Council Estimates

2008-2015 - City of Maplewood Staff Estimates

**New Dwelling Units**

City of Maplewood Permit Applications

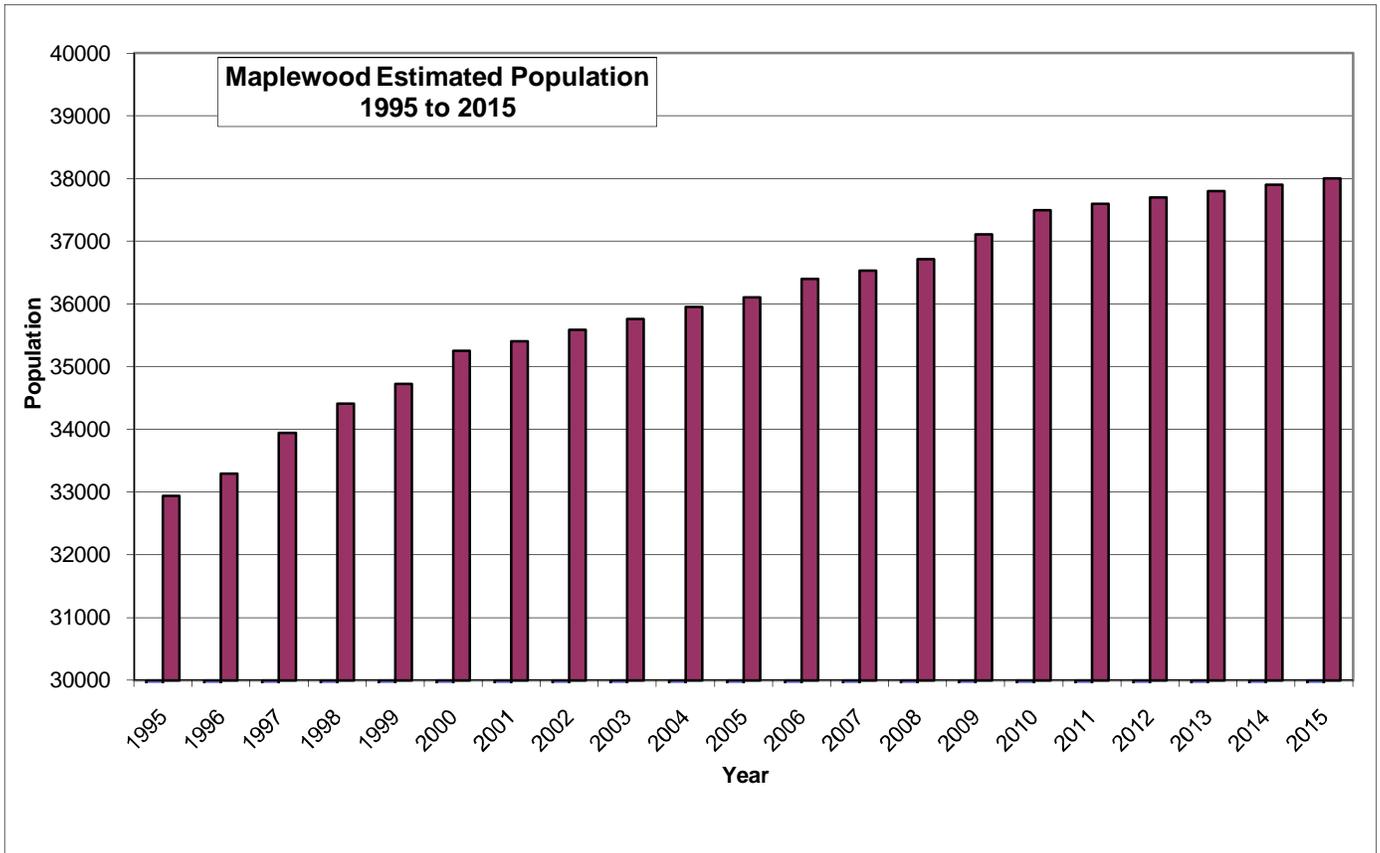
**Occupied Household Units**

2000 - U.S. CENSUS

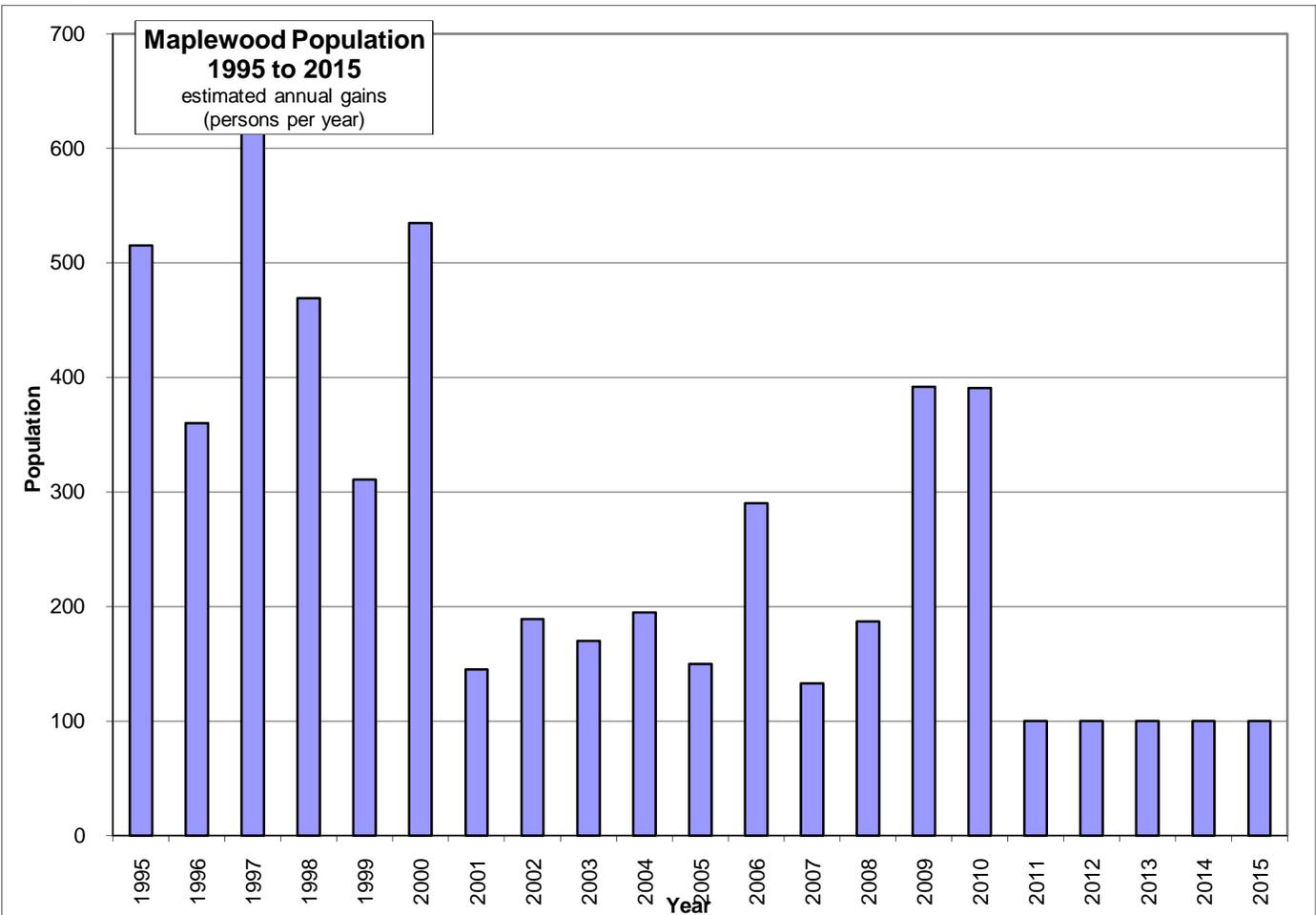
1995-2008 - Met Council Estimates

2008-2015 - City of Maplewood Staff Estimates

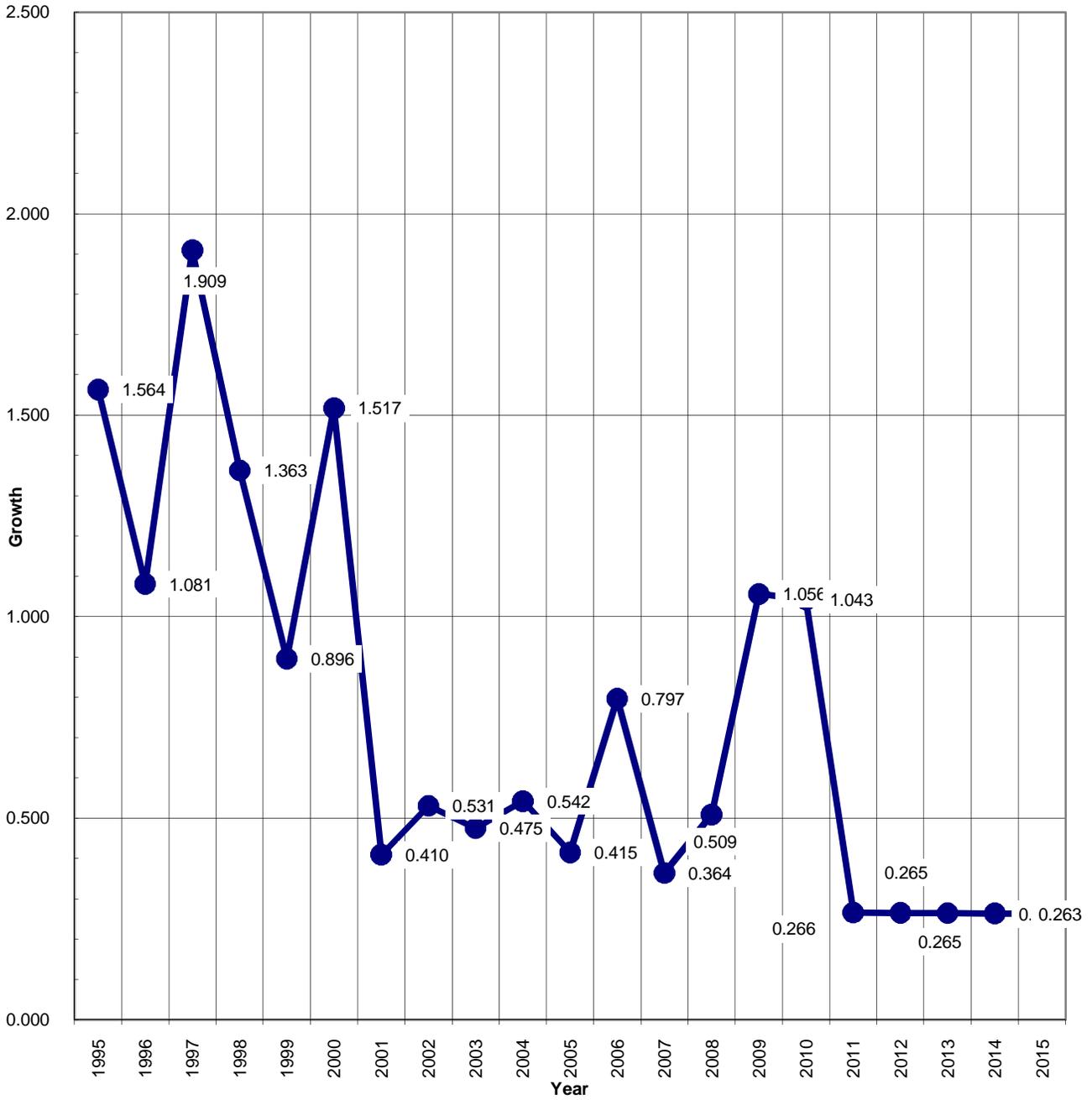
**Chart 1**



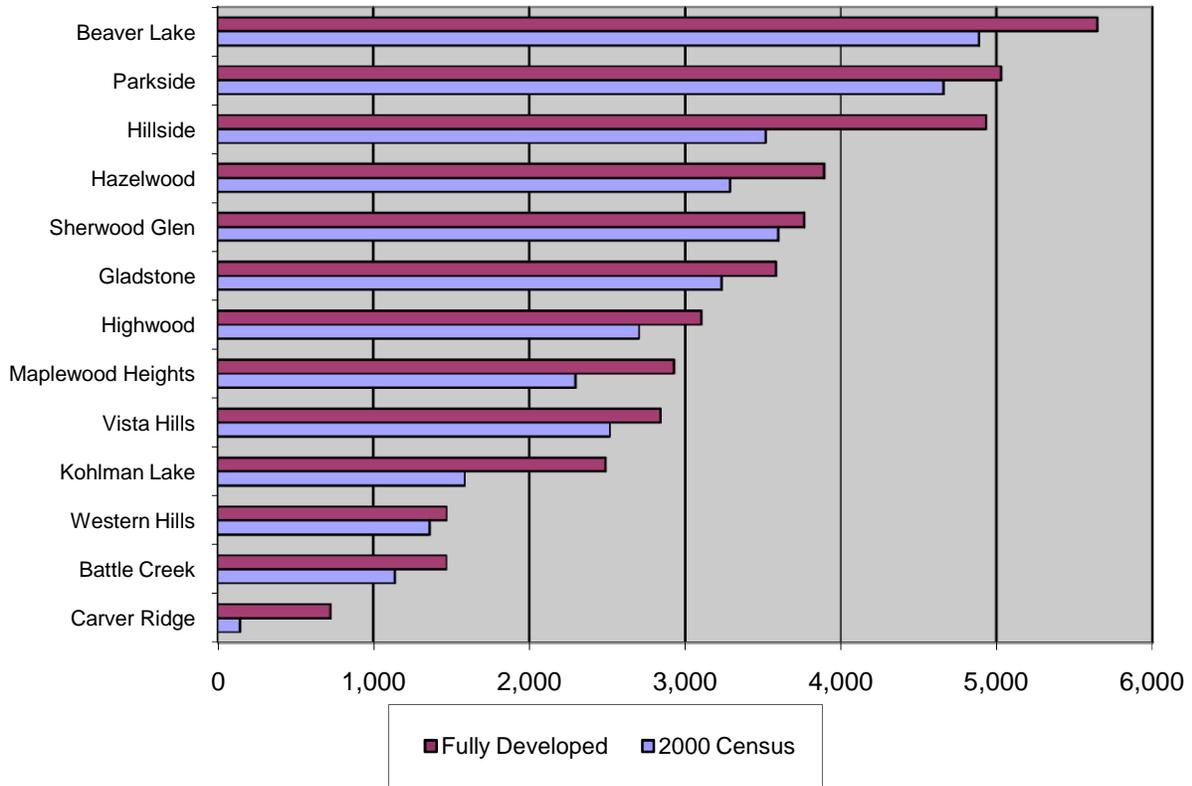
**Chart 2**



**Maplewood Population 1995 - 2015**  
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	4,934
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	2,845
Kohlman Lake	1,588	2,490
Western Hills	1,363	1,471
Battle Creek	1,138	1,470
Carver Ridge	145	724
<b>Total</b>	<b>34,947</b>	<b>41,891</b>

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## 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.

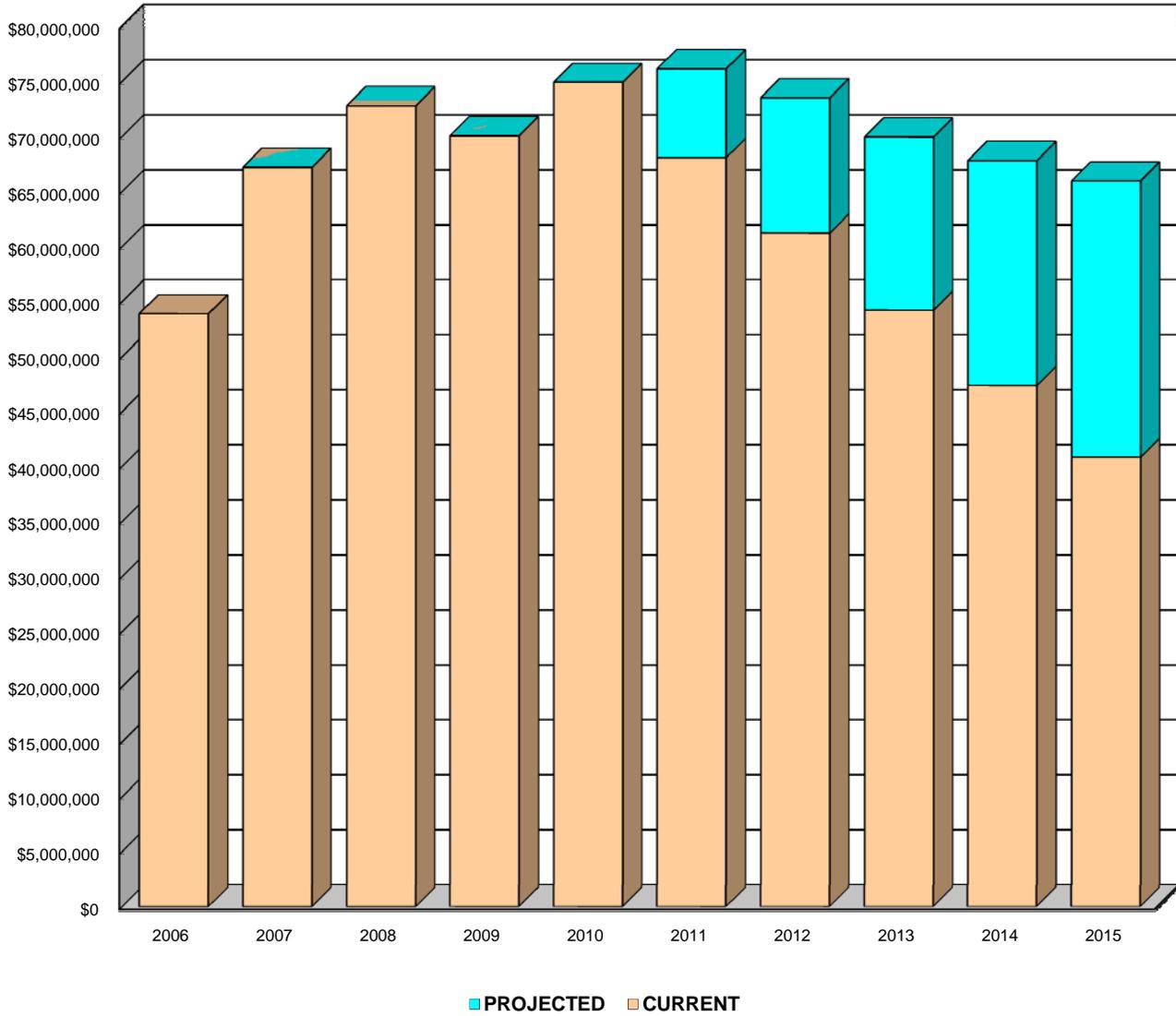
The amount of debt anticipated to be issued in 2011-2015 is \$29,255,000. Most of the bonds planned to be issued between 2011 and 2015 will be for public works improvements. Debt transactions and outstanding debt for 2006-2015 are shown on the next two pages.

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

<b>Year</b>	<b>New Debt Issued</b>	<b>Debt Paid</b>	<b>Debt Outstanding</b>	<b>Less Escrow Funds</b>	<b>Net Debt Outstanding</b>
2006	Balance Forward		58,842,297	(2,560,000)	56,282,297
2007	15,150,000	(4,220,000)	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	15,915,000	(9,485,000)	79,047,297	(4,125,000)	74,922,297
2011	8,065,000	(10,955,000)	76,157,297	0	76,157,297
2012	4,710,000	(7,340,000)	73,527,297	0	73,527,297
2013	4,305,000	(7,877,458)	69,954,839	0	69,954,839
2014	5,850,000	(8,004,672)	67,800,167	0	67,800,167
2015	6,325,000	(8,150,537)	65,974,630	0	65,974,630

# C.I.P IMPACT ON CITY DEBT

2006 TO 2015 - CURRENT AND PROJECTED



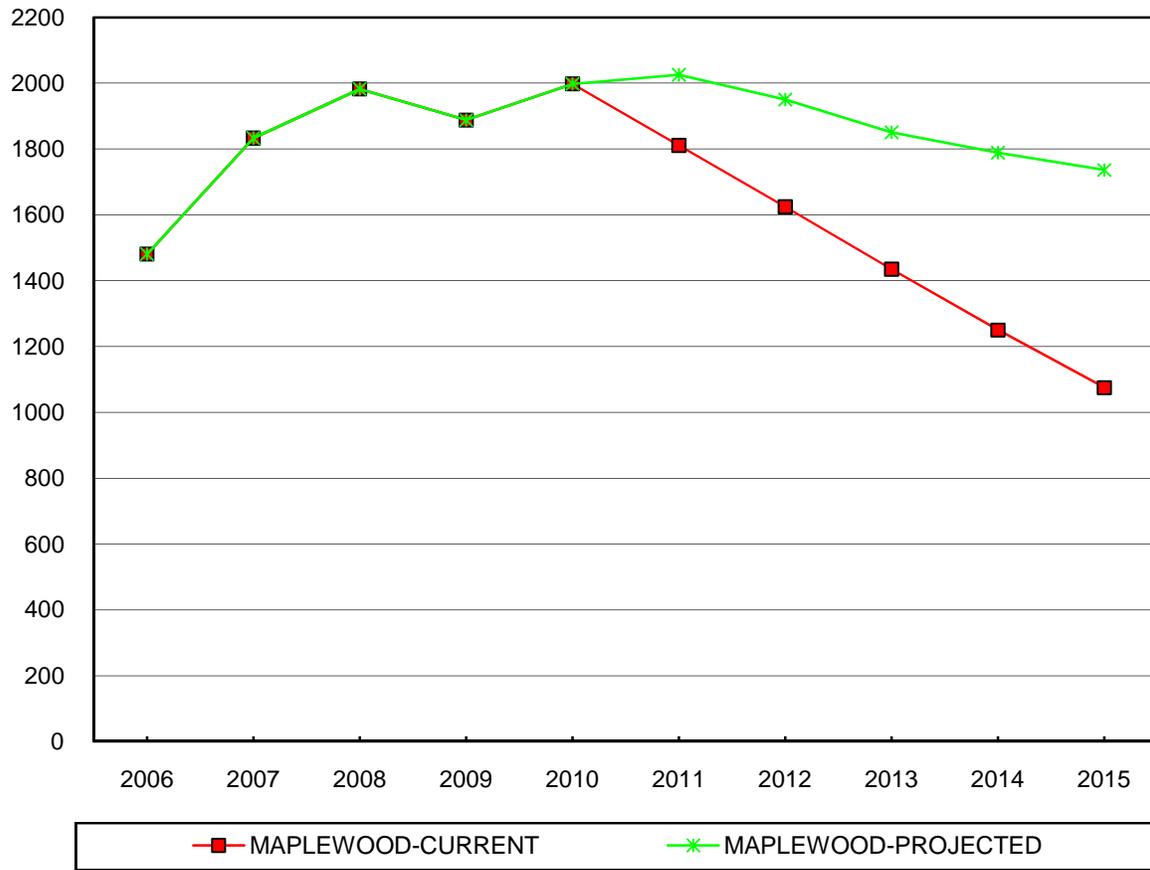
Population projections for the next five years were made in order to project the debt per capita. (Debt per capita is calculated by dividing the outstanding debt by the population.) These projections are explained at the end of Section 1 under the heading General Community Development Information. The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

<b>PROJECTED DEBT PER CAPITA</b>					
Year	Debt Outstanding		Projected Population	Debt Per Capita	
	Without New Debt	With New Debt		Without New Debt	With New Debt
2011	68,092,297	76,157,297	37,600	1,811	2,025
2012	61,242,297	73,527,297	37,700	1,624	1,950
2013	54,234,839	69,954,839	37,800	1,435	1,851
2014	47,370,167	67,800,167	37,900	1,250	1,789
2015	40,849,630	65,974,630	38,000	1,075	1,736

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

# DEBT PER CAPITA

## 2006 TO 2015 - CURRENT AND PROJECTED



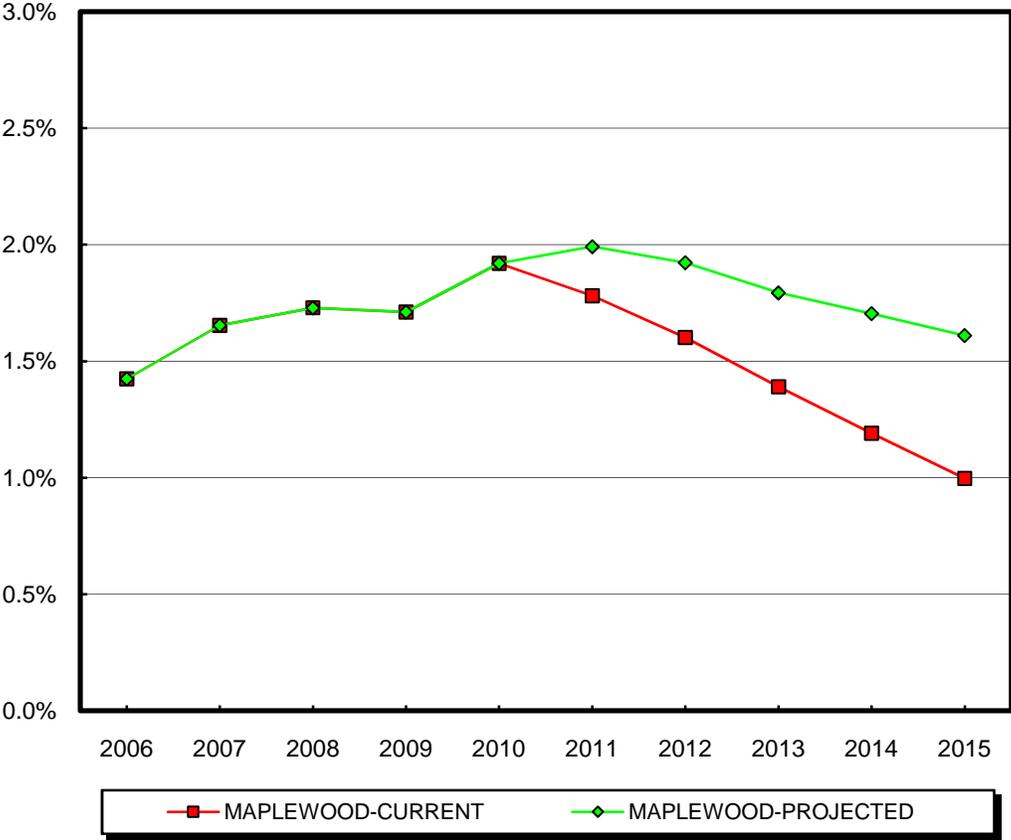
The ratio of debt to tax base was also analyzed. This ratio is calculated by dividing the debt outstanding by the estimated full market value of Maplewood's tax base. The estimated full market value of the City's tax base was projected for 2011-2015 based upon the assumption that it would decrease by 2% in 2011, not change in 2012 and increase by 2% in 2013, 2% in 2014 and 3% in 2015. The following table is a compilation of the preceding projections:

<b>PROJECTED DEBT TO MARKET VALUE</b>					
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
2011	68,092,297	76,157,297	3,823,787,520	1.8%	2.0%
2012	61,242,297	73,527,297	3,823,787,520	1.6%	1.9%
2013	54,234,839	69,954,839	3,900,263,270	1.4%	1.8%
2014	47,370,167	67,800,167	3,978,268,536	1.2%	1.7%
2015	40,849,630	65,974,630	4,097,616,592	1.0%	1.6%

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

# RATIO OF DEBT TO MARKET VALUE

## 2006 TO 2015 - 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 2015.

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 2011-2015.

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 2011-2015. 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**

	2011	2012	2013	2014	2015
Market value of taxable property	\$3,919,846,000	\$3,976,779,000	\$4,074,405,000	\$4,215,269,000	\$4,355,435,000
Statutory debt limit: 3.0% of market value	117,595,380	119,303,370	122,232,150	126,458,070	130,663,050
<b>Amount of debt applicable to debt limit:</b>					
Open Space Refunding Bonds 2002D	1,400,000	1,070,000	725,000	365,000	0
Capital Improvement Plan Bonds 2004D	545,000	515,000	485,000	455,000	420,000
Equipment Certificates 2006B	65,000	0	0	0	0
Total debt applicable to debt limit	2,010,000	1,585,000	1,210,000	820,000	420,000
Legal debt margin	115,585,380	117,718,370	121,022,150	125,638,070	130,243,050

## CAPITAL IMPROVEMENT PLAN FINANCING STRATEGY

The five-year total for the projects in the C. I. P. is \$65,735,385. 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				
		2011	2012	2013	2014	2015
AMBULANCE REPLACEMENT	\$238,525	\$117,500	\$0	\$0	\$121,025	\$0
BONDS-G.O. IMPROVEMENT	9,021,810	2,533,000	1,270,110	2,221,200	998,900	1,998,600
BONDS-M.S.A.	3,750,800	100,000	1,361,000	400,000	1,889,800	0
BONDS-SP. ASSESSMENT	13,656,600	4,146,000	1,124,000	1,680,000	2,960,500	3,746,100
BONDS-TAX INCREMENT	2,700,000	700,000	0	0	0	2,000,000
C.I.P. FUND	335,000	105,000	95,000	45,000	45,000	45,000
COMMUNITY CENTER OPERATIONS	179,000	0	0	60,000	119,000	0
ENVIRONMENTAL UTILITY FUND	3,574,500	2,185,000	175,000	396,000	166,500	652,000
FIRE TRUCK REPLACEMENT FUND	931,010	449,730	0	0	0	481,280
FLEET MANAGEMENT FUND	1,498,850	325,000	303,800	300,700	285,320	284,030
GRANTS	16,300,000	1,350,000	3,000,000	2,000,000	8,450,000	1,500,000
INFORMATION TECHNOLOGY FUND	420,800	0	0	120,000	300,800	0
MnDOT	5,850,000	1,600,000	0	250,000	4,000,000	0
PARK DEVELOPMENT FUND	1,800,000	900,000	0	650,000	0	250,000
RAMSEY COUNTY	700,000	700,000	0	0	0	0
SANITARY SEWER FUND	2,606,500	1,102,000	189,000	521,000	325,500	469,000
SAINT PAUL W.A.C. FUND	564,090	179,400	7,290	143,100	104,400	129,900
SAINT PAUL WATER	807,900	119,600	48,600	143,400	104,400	391,900
STREET LIGHT UTILITY FUND	600,000	600,000	0	0	0	0
VADNAIS HEIGHTS	200,000	0	0	0	0	200,000
<b>TOTALS</b>	<b>\$65,735,385</b>	<b>\$17,212,230</b>	<b>\$7,573,800</b>	<b>\$8,930,400</b>	<b>\$19,871,145</b>	<b>\$12,147,810</b>

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 2011-2015 C.I.P. assumes that no bond issue referendums will be held during this five-year period. Bonds totaling \$29,255,000 are planned to be issued in 2011-2015 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 2011-2015 will have 40 - 50% of costs assessed, as the City Council is currently increasing assessment rates by 10% annually.

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 \$3,311,655 for 2009 and \$3,624,702 for 2010. New general obligation improvement bonds totaling \$8,380,000 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				
		2011	2012	2013	2014	2015
<b>DEBT SERVICE:</b>						
FOR BONDS ISSUED PRIOR TO 2010	\$20,625,797	\$4,650,660	\$4,117,632	\$4,026,752	\$3,943,035	\$3,887,718
FOR BONDS ISSUED IN 2010	1,892,105	0	499,195	467,470	462,220	463,220
FOR IMPROVEMENT BONDS ISSUED 2011-2015	1,814,000	0	237,000	356,000	564,000	657,000
<b>DEBT SERVICE TOTAL</b>	<b>24,331,902</b>	<b>4,650,660</b>	<b>4,853,827</b>	<b>4,850,222</b>	<b>4,969,255</b>	<b>5,007,938</b>
<b>CAPITAL IMPROVEMENT PROJECTS</b>	<b>202,000</b>	<b>0</b>	<b>61,000</b>	<b>47,000</b>	<b>47,000</b>	<b>47,000</b>
<b>FIRE TRUCK REPLACEMENT</b>	<b>450,000</b>	<b>90,000</b>	<b>90,000</b>	<b>90,000</b>	<b>90,000</b>	<b>90,000</b>
<b>REDEVELOPMENT</b>	<b>51,500</b>	<b>51,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL</b>	<b>\$25,035,402</b>	<b>\$4,792,160</b>	<b>\$5,004,827</b>	<b>\$4,987,222</b>	<b>\$5,106,255</b>	<b>\$5,144,938</b>

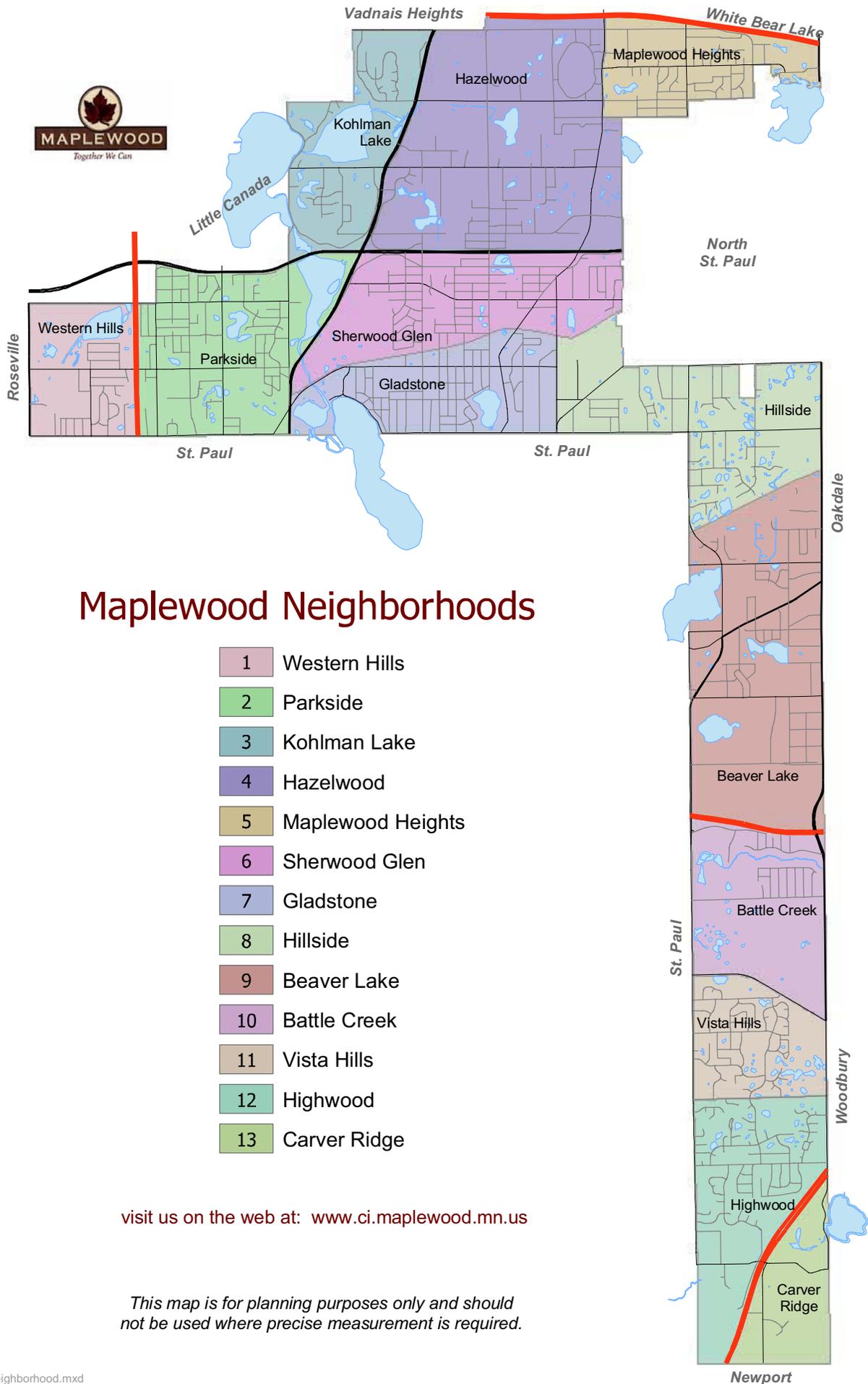
The financial resources within the Capital Improvement Projects Fund are derived primarily from property taxes. This fund is used to finance major capital outlay expenditures that cannot be easily financed by alternative methods and that individually cost in excess of \$50,000. The tax levies for the Capital Improvement Projects Fund, Fire Truck Replacement Fund and Redevelopment Fund was \$0 for 2010. In order to finance the 2011-2015 C.I.P., the tax levy for these three funds will need to total \$703,500 over the next five years.

Overall, the projects included within the 2011-2015 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

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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visit us on the web at: [www.ci.maplewood.mn.us](http://www.ci.maplewood.mn.us)

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

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2011 – 2015

Projects Located in  
 Western Hills - Neighborhood #1

Map Legend	Project Description	C.I.P. Project #
A	Western Hills/Larpenteur Area Streets	PW07.060

Neighborhood Population

---

2000 – 1,363

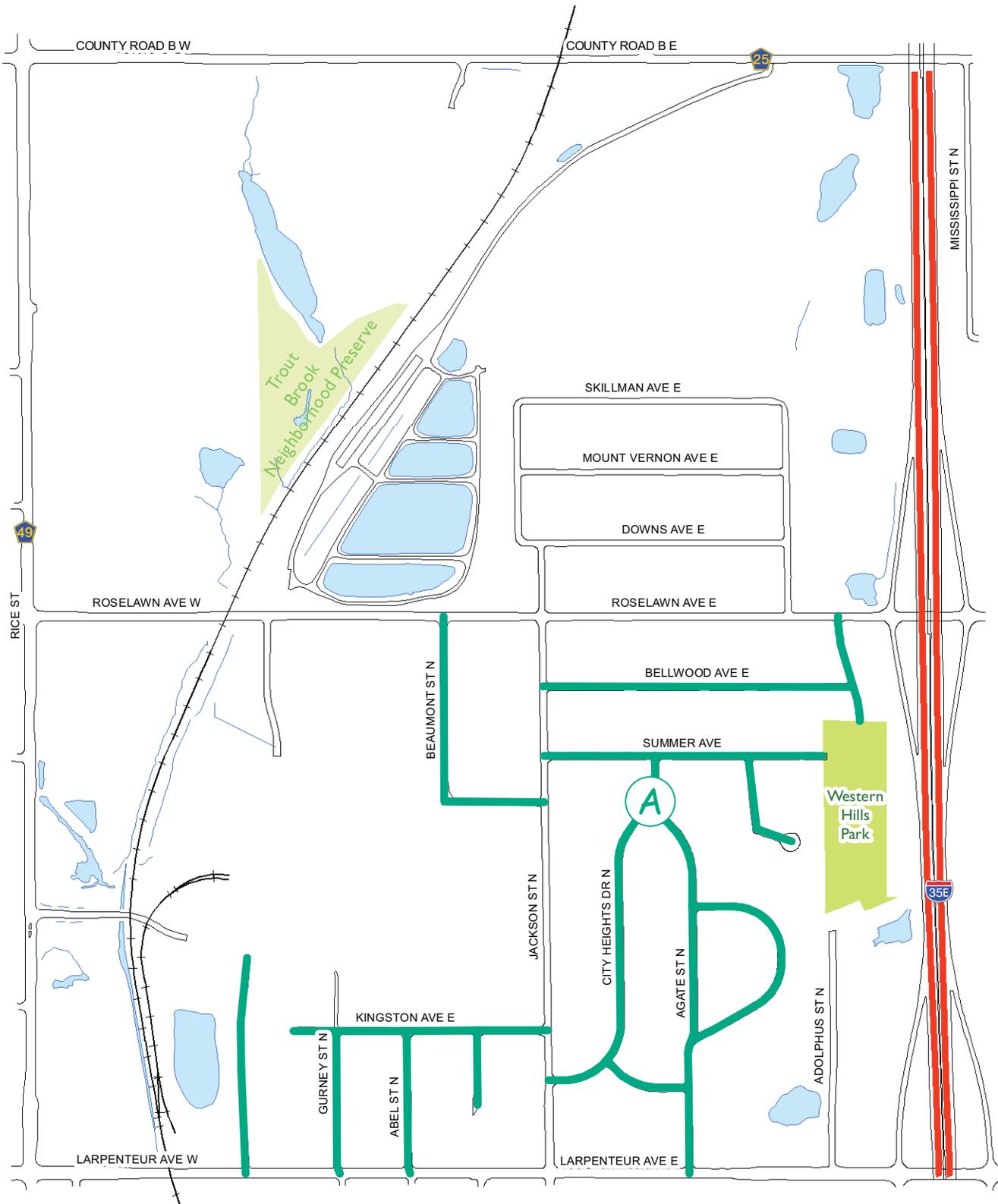
Breakdown by density:

Fully developed – 1,477

567 – Low density

37 – medium density

873 – High density



# Western Hills Neighborhood #1

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# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Western Hills/Larpenteur Area Streets **TOTAL COST:** \$5,980,000

**PROJECT NUMBER:** PW07.060 **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Neighborhood area street reconstruction

**JUSTIFICATION:**

The streets north of Larpenteur, west of 35E, are deteriorating and will be in need of full reconstruction as no concrete curb exists in the area. Storm sewer will be installed as little storm sewer is present. Other improvements will include upgrades to the sanitary sewer and water main. Streets included in this project are Edgemont, Kingston, Arkwright, Agate, Onacrest (Curve and Court), City Heights, Sylvan, Gurney, Beaumont, Fenton, Summer, Bellwood, Adolphus, Kingston, Abel and Jackson.

3.1 miles of street, Average PCI: 36/100

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Bonds-G.O. Improvement	200,000	2,183,000	0	0	0	0	2,383,000
Bonds-Special Assessment	0	2,096,000	0	0	0	0	2,096,000
Sanitary Sewer Fund	0	302,000	0	0	0	0	302,000
St. Paul Water	0	119,600	0	0	0	0	119,600
Environmental Utility Fund	0	900,000	0	0	0	0	900,000
St. Paul W.A.C. Fund	0	179,400	0	0	0	0	179,400

		PROJECT COSTS	
<b>PROJECT STARTING DATE:</b>	April 2010	<b>Preliminaries:</b>	\$200,000
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b>	October 2011	<b>Construction:</b>	\$5,780,000
		<b>Equipment and Other:</b>	\$0
<b>NEIGHBORHOOD:</b>	01 - Western Hills	<b>Project Costs:</b>	\$5,980,000

CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 – 2015

Projects Located in  
Parkside - Neighborhood #2

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

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Neighborhood Population

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2000 – 4,658

Breakdown by density:

Fully developed – 5,028

3,572 – Low density

481 – medium density

975 – High density



# Parkside Neighborhood #2

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2011 – 2015

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

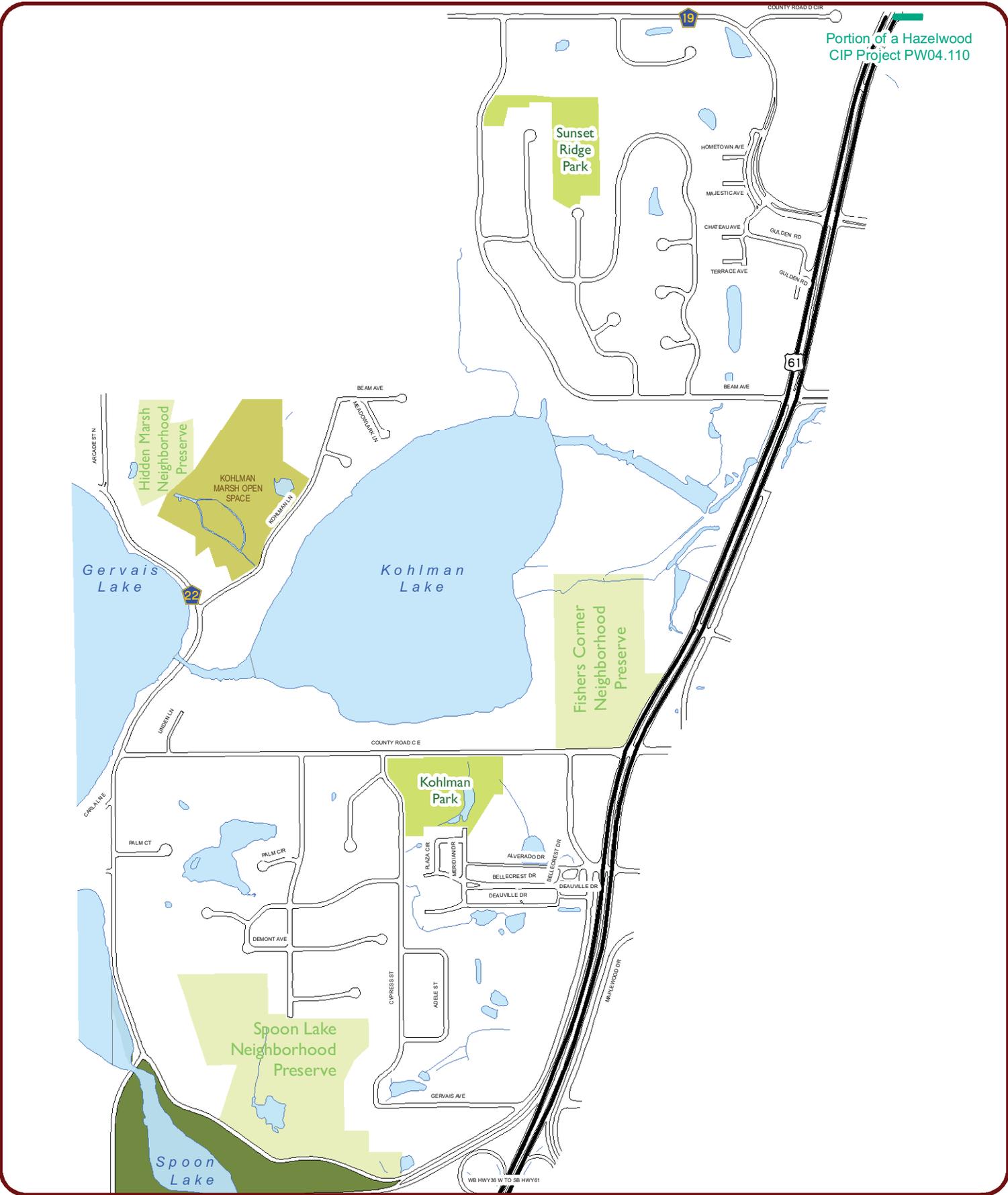
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2000 – 1,588

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  
 2011 – 2015

Projects Located in  
 Hazelwood - Neighborhood #4

Map Legend	Project Description	C.I.P. Project #
A	Existing County Road D, East of TH 61 to Hazelwood	PW04.110

Neighborhood Population

---

2000 – 3,290

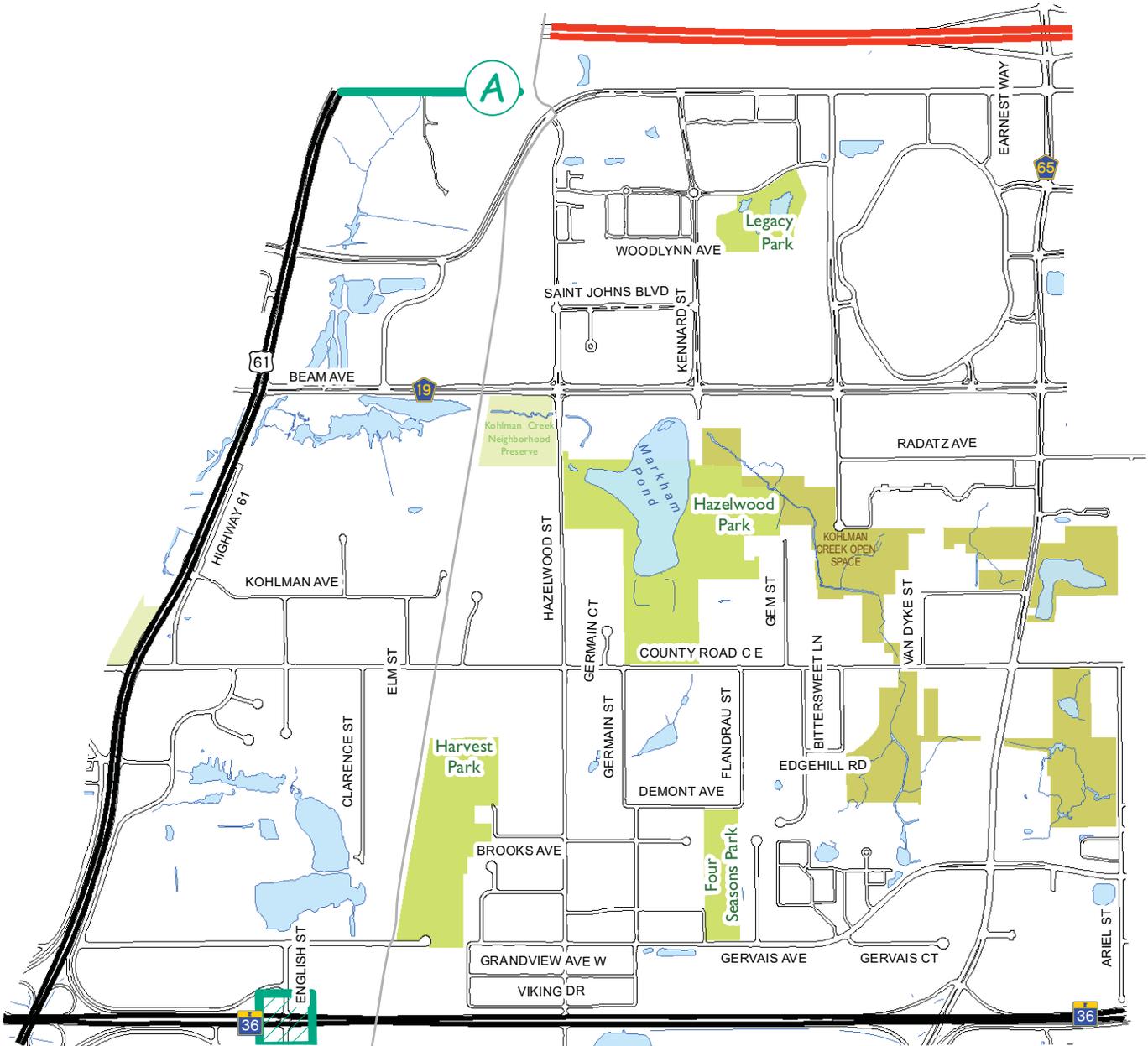
Breakdown by density:

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 2011 - 2015

**PROJECT TITLE:** County Rd D Court, East of TH 61 to Hazelwood      **TOTAL COST:** \$1,007,500

**PROJECT NUMBER:** PW04.110      **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Reconstruct existing border street with Vadnais Heights

**JUSTIFICATION:**

With the realignment of County Road D, a local access street has been created along the existing County Road D alignment. This street is a border street and provides access to high-residential property in Vadnais Heights and industrial property in Maplewood, including the Xcel Energy transformer site. With the approval of the Joint Powers Agreement with area communities providing for the overland transfer of the Xcel transformer, the roadway requires reconstruction. The roadway is in very poor condition and is nearly impassable at times of the year. The improvement will be a joint project with the City of Vadnais Heights.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Bonds-Special Assessment	0	0	0	0	0	228,100	228,100
Bonds-G.O. Improvement	0	0	0	0	0	317,400	317,400
St. Paul Water	0	0	0	0	0	262,000	262,000
Vadnais Heights	0	0	0	0	0	200,000	200,000

<b>PROJECT STARTING DATE:</b> January 2015  <b>PROJECT COMPLETION DATE:</b> November 2015  <b>NEIGHBORHOOD:</b> 04 - Hazelwood	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$150,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$857,500
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$1,007,500</b>

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2011 – 2015

Projects Located in  
 Maplewood Heights - Neighborhood #5

Map Legend	Project Description	C.I.P. Project #
A	Joy Park Improvements	PM03.060

Neighborhood Population

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2000 – 2,298

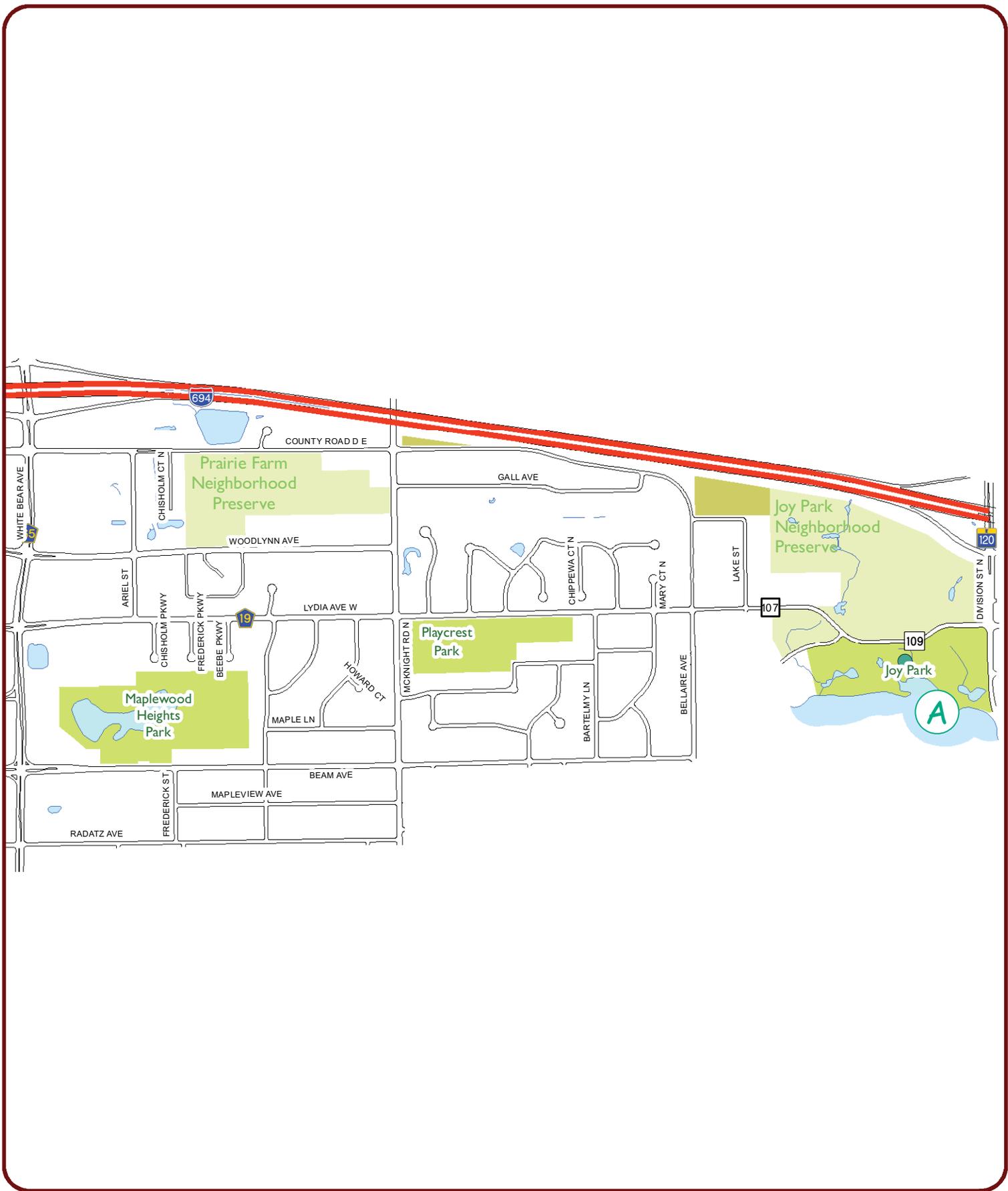
Fully developed – 2,929

Breakdown by density:

1,549 – Low density

1,300 – medium density

80 – High density



## Maplewood Heights Neighborhood #5

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**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** Joy Park Improvements **TOTAL COST:** \$300,000

**PROJECT NUMBER:** PM03.060 **PROJECT CATEGORY:** Parks

**DESCRIPTION:** Joy Park Development/Management/Trail/Shoreland Protection

**JUSTIFICATION:**

Joy Park is a 63-acre park site that was conveyed to the city in 1995. The park is located at the intersection of Joy Road and Century Avenue. Joy Park is arguably one of the most beautiful land forms in the city park system. Phase I improvements began in 2008-09 with construction of the Lake Links Trail, reconstruction of boat launch parking lot, installation of five rain gardens, and enhancement of the western wetlands. In 2010 the shorelines will be restored and step platforms and fishing piers will be installed. In 2011 reconstruction of the western parking lot and internal park trails.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Park Development Fund	200,000	100,000	0	0	0	0	300,000

		<b>PROJECT COSTS</b>	
<b>PROJECT STARTING DATE:</b>	May 2007	<b>Preliminaries:</b>	\$25,000
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b>	September 2011	<b>Construction:</b>	\$225,000
		<b>Equipment and Other:</b>	\$50,000
<b>NEIGHBORHOOD:</b>	05 - Maplewood Heights	<b>Project Costs:</b>	\$300,000

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2011 – 2015

Projects Located in  
 Sherwood Glen - Neighborhood #6

Map Legend	Project Description	C.I.P. Project #
A	TH 36 – English Intersection Improvements	PW07.100

Neighborhood Population

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2000 – 3,599

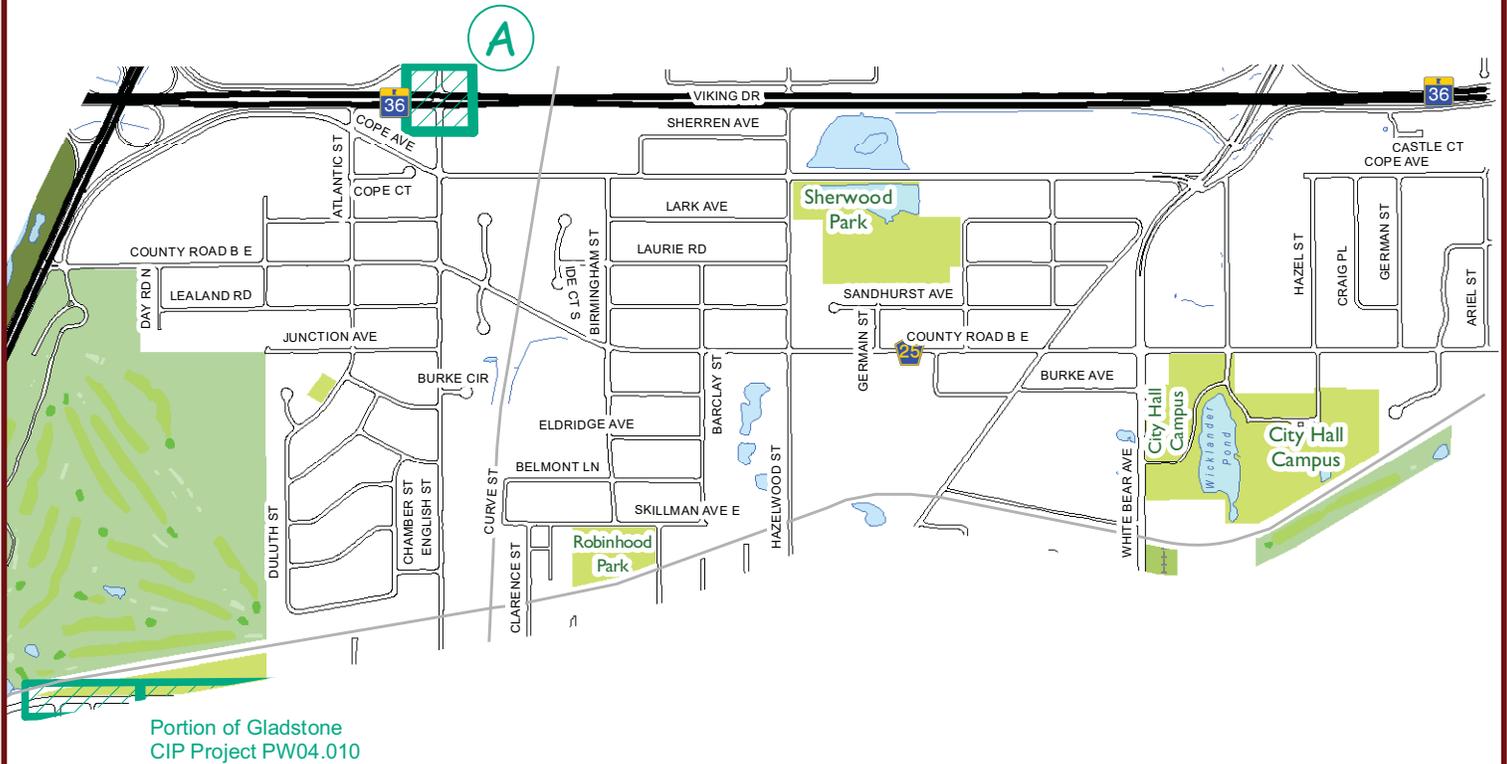
Breakdown by density:

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 2011 - 2015

**PROJECT TITLE:** TH 36 - English Intersection Improvements **TOTAL COST:** \$14,800,000

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

**DESCRIPTION:** Lane Improvements and Interchange Study

**JUSTIFICATION:**

TH 36 and English Street will be under pressure to be revised to an interchange due to the upcoming project removing the signal systems in North St. Paul during the 2007 construction season. Following those projects in North St. Paul, English Street will be the only signaled intersection on TH 36 between 35W in Roseville and Century Avenue in Oakdale. MnDOT has indicated a desire to remove this signal system. A Planning Study was completed to find an acceptable interchange plan in cooperation with MnDOT. Regional funding is needed for this major project. Funding is proposed to explore securing the necessary funding for a major interchange project in 2014-2015.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Environmental Utility Fund	0	700,000	0	0	0	0	700,000
Grants	0	0	0	0	7,200,000	0	7,200,000
Bonds-M.S.A.	0	0	1,000,000	250,000	1,000,000	0	2,250,000
Mn/DOT	0	0	0	250,000	4,000,000	0	4,250,000
Bonds-Special Assessment	0	100,000	0	0	300,000	0	400,000

<b>PROJECT STARTING DATE:</b> April 2005  <b>PROJECT COMPLETION DATE:</b> July 2017  <b>NEIGHBORHOOD:</b> 06 - Sherwood Glen	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$2,500,000
	<b>Land Acquisition:</b>	\$2,000,000
	<b>Construction:</b>	\$10,300,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$14,800,000</b>

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2011 – 2015

Projects Located in  
 Gladstone - Neighborhood #7

Map Legend	Project Description	C.I.P. Project #
A	Gladstone Area Streetscape – Phase I	CD04.010
B	Gladstone Savanna Improvements	PM08.050
C	Gladstone – Phase II	CD09.020
D	Gladstone – Phase III	CD09.030

Neighborhood Population

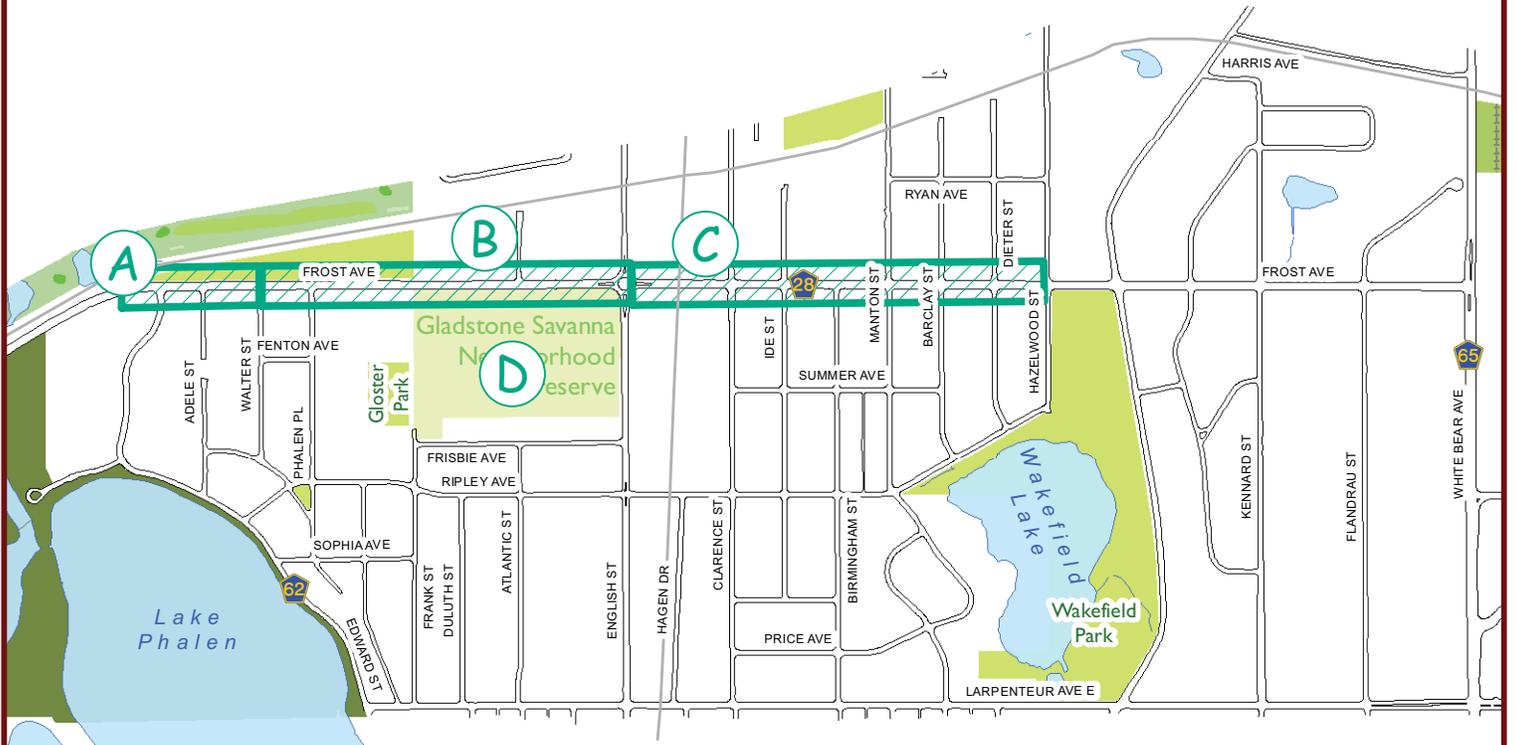
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2000 – 3,235

Breakdown by density:

Fully developed – 3,586

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



# Gladstone Neighborhood #7

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Gladstone Area Streetscape- Phase I **TOTAL COST:** \$5,300,000

**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 2 years. This 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. 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	2011	2012	2013	2014	2015	Funding Total
Environmental Utility Fund	0	300,000	0	0	0	0	300,000
Street Light Utility Fund	0	600,000	0	0	0	0	600,000
Bonds-Tax Increment	0	700,000	0	0	0	0	700,000
Bonds-Special Assessment	0	800,000	0	0	0	0	800,000
Mn/DOT	0	1,600,000	0	0	0	0	1,600,000
Grants	0	1,200,000	0	0	0	0	1,200,000
Sanitary Sewer Fund	0	100,000	0	0	0	0	100,000

<b>PROJECT STARTING DATE:</b> July 2010  <b>PROJECT COMPLETION DATE:</b> November 2011  <b>NEIGHBORHOOD:</b> 07 - Gladstone	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$1,000,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$4,300,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$5,300,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**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	2011	2012	2013	2014	2015	Funding Total
Environmental Utility Fund	0	200,000	0	0	0	0	200,000
Bonds-Special Assessment	0	400,000	0	0	0	0	400,000
Park Development Fund	0	600,000	0	250,000	0	250,000	1,100,000

<b>PROJECT STARTING DATE:</b> July 2011  <b>PROJECT COMPLETION DATE:</b> November 2015  <b>NEIGHBORHOOD:</b> 07 - Gladstone	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$300,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$1,400,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$1,700,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Gladstone - Phase II **TOTAL COST:** \$3,500,000

**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	2011	2012	2013	2014	2015	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

<b>PROJECT STARTING DATE:</b> January 2013  <b>PROJECT COMPLETION DATE:</b> November 2013  <b>NEIGHBORHOOD:</b> 07 - Gladstone	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$1,000,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$2,500,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$3,500,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Gladstone - Phase III **TOTAL COST:** \$5,750,000

**PROJECT NUMBER:** CD09.030 **PROJECT CATEGORY:** Redevelopment

**DESCRIPTION:** Final Phase of Gladstone Redevelopment

**JUSTIFICATION:**

The first two phases of Gladstone will propose improvements to Frost and English from the west to the east. The final phase will include improvements along Frost Avenue from English Street to Hazelwood. Improvements will be streetscapes, trails, burial of overhead power lines and utility improvements. The grant is not currently secured but will likely be necessary to make a project feasible and to secure a developer.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Bonds-Special Assessment	0	0	0	0	0	2,000,000	2,000,000
Bonds-Tax Increment	0	0	0	0	0	2,000,000	2,000,000
Sanitary Sewer Fund	0	0	0	0	0	250,000	250,000
Grants	0	0	0	0	0	1,500,000	1,500,000

<p><b>PROJECT STARTING DATE:</b> July 2015</p> <p><b>PROJECT COMPLETION DATE:</b> November 2015</p> <p><b>NEIGHBORHOOD:</b> 07 - Gladstone</p>	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$1,250,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$4,500,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$5,750,000</b>

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2011 – 2015

Projects Located in  
 Hillside - Neighborhood #8

Map Legend	Project Description	C.I.P. Project #
A	Fire Training Facility	FD09.030
B	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

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Fire Training Facility **TOTAL COST:** \$3,700,000

**PROJECT NUMBER:** FD09.030 **PROJECT CATEGORY:** Building Maintenance

**DESCRIPTION:** East Metro Fire Training Facility

**JUSTIFICATION:**

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. It will allow for better training with the additions of a burn building, confined space area, tower burn building, a training room and other training props as needed. This facility will be operated under a joint powers agreement with all fire departments who would like to be a part of it. The property that is available for us is located west of the intersection of Highways 120 and Highway 5. The facility will be built on five acres and will be environmentally friendly utilizing wind solar and geothermal. This facility will bring a sustainable green environment to the location. We have already received the property along with site cleanup funds totaling \$1.95 million so the total cost that needs to be funded from grants or bonding is the amount of \$3.37 million.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Ramsey County	0	450,000	0	0	0	0	450,000
Environmental Utility Fund	15,000	60,000	50,000	0	0	0	125,000
Grants	0	0	3,000,000	0	0	0	3,000,000
C.I.P. Fund	15,000	60,000	50,000	0	0	0	125,000

<p><b>PROJECT STARTING DATE:</b> July 2009</p> <p><b>PROJECT COMPLETION DATE:</b> November 2012</p> <p><b>NEIGHBORHOOD:</b> 08 - Hillside</p>	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$300,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$3,400,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$3,700,000</b>

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

<b>PROJECT TITLE:</b> Goodrich Park Improvements	<b>TOTAL COST:</b> \$500,000
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<b>PROJECT NUMBER:</b> PM11.020	<b>PROJECT CATEGORY:</b> Parks
---------------------------------	--------------------------------

**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	2011	2012	2013	2014	2015	Funding Total
Park Development Fund	0	100,000	0	400,000	0	0	500,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> April 2011	<b>Preliminaries:</b> \$50,000
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> April 2013	<b>Construction:</b> \$450,000
	<b>Equipment and Other:</b> \$0
<b>NEIGHBORHOOD:</b> 08 - Hillside	<b>Project Costs:</b> \$500,000

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2011 – 2015

Projects Located in  
 Beaver Lake - Neighborhood #9

Map Legend	Project Description	C.I.P. Project #
A	Lions Park Improvements	PM03.010
B	Bartelmy/Mayer Area Streets	PW08.070
C	Bartelmy Street, Minnehaha Avenue to Stillwater Road	PW08.080
D	Farrell/Ferndale Area Street Improvements	PW09.080

Neighborhood Population

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2000 – 4,888

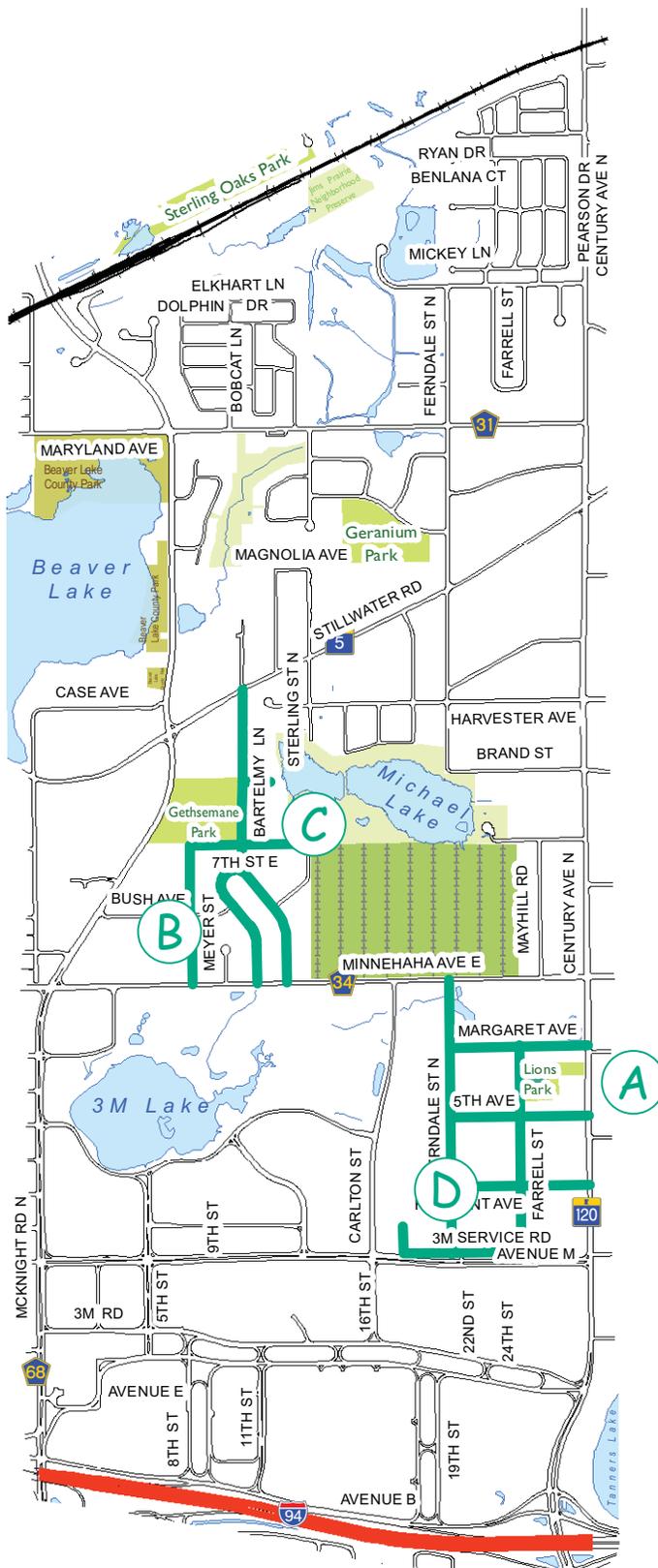
Breakdown by density:

Fully developed – 5,646

2,173 – Low density

2,958 – medium density

515 – High density



# Beaver Lake Neighborhood #9

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Lions Park Improvements **TOTAL COST:** \$350,000

**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	2011	2012	2013	2014	2015	Funding Total
Environmental Utility Fund	25,000	0	0	0	0	0	25,000
Park Development Fund	275,000	50,000	0	0	0	0	325,000

<b>PROJECT STARTING DATE:</b> May 2008  <b>PROJECT COMPLETION DATE:</b> November 2010  <b>NEIGHBORHOOD:</b> 09 - Beaver Lake	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$125,000
	<b>Equipment and Other:</b>	\$225,000
	<b>Project Costs:</b>	<b>\$350,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Bartelmy Meyer Area Streets **TOTAL COST:** \$1,440,000

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

**DESCRIPTION:** Neighborhood Area Street Improvements

**JUSTIFICATION:**

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.

0.7 miles of streets, Average PCI: 33/100

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Bonds-G.O. Improvement	0	0	0	100,000	602,600	0	702,600
Bonds-Special Assessment	0	0	0	0	505,000	0	505,000
Sanitary Sewer Fund	0	0	0	0	73,000	0	73,000
St. Paul Water	0	0	0	0	43,200	0	43,200
Environmental Utility Fund	0	0	0	0	73,000	0	73,000
St. Paul W.A.C. Fund	0	0	0	0	43,200	0	43,200

<b>PROJECT STARTING DATE:</b> May 2013  <b>PROJECT COMPLETION DATE:</b> October 2014  <b>NEIGHBORHOOD:</b> 09 - Beaver Lake	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$100,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$1,340,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$1,440,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Bartelmy Street, Minnehaha Ave. to Stillwater Rd. **TOTAL COST:** \$1,170,000

**PROJECT NUMBER:** PW08.080 **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Full reconstruction of State Aid Street

**JUSTIFICATION:**

Bartelmy Street 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.

0.58 miles of street, Average PCI: 46/100

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Bonds-M.S.A.	0	0	0	150,000	539,800	0	689,800
Bonds-Special Assessment	0	0	0	0	351,000	0	351,000
Sanitary Sewer Fund	0	0	0	0	59,000	0	59,000
St. Paul Water	0	0	0	0	35,100	0	35,100
St. Paul W.A.C. Fund	0	0	0	0	35,100	0	35,100

<b>PROJECT STARTING DATE:</b> May 2013  <b>PROJECT COMPLETION DATE:</b> October 2014  <b>NEIGHBORHOOD:</b> 09 - Beaver Lake	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$150,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$1,020,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$1,170,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Farrell/Ferndale Area Street Improvements **TOTAL COST:** \$4,330,000

**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	2011	2012	2013	2014	2015	Funding Total
Bonds-G.O. Improvement	0	0	0	0	0	1,681,200	1,681,200
Bonds-Special Assessment	0	0	0	0	0	1,518,000	1,518,000
Sanitary Sewer Fund	0	0	0	0	0	219,000	219,000
Environmental Utility Fund	0	0	0	0	0	652,000	652,000
St. Paul W.A.C. Fund	0	0	0	0	0	129,900	129,900
St. Paul Water	0	0	0	0	0	129,900	129,900

<b>PROJECT STARTING DATE:</b> July 2015  <b>PROJECT COMPLETION DATE:</b> October 2015  <b>NEIGHBORHOOD:</b> 09 - Beaver Lake	PROJECT COSTS	
	<b>Preliminaries:</b>	\$200,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$4,130,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$4,330,000</b>

CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 – 2015

Projects Located in  
Battle Creek - Neighborhood #10

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

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Neighborhood Population

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2000 – 1,138

Fully developed – 1,470

Breakdown by density:

1,270 – Low density

0 – medium density

200 – High density



# Battle Creek Neighborhood #10

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2011 – 2015

Projects Located in  
 Vista Hills - Neighborhood #11

Map Legend	Project Description	C.I.P. Project #
A	Pond Avenue/Dorland Road	PW05.080
B	Sterling Street, Londin Lane to Crestview Forest Dr.	PW08.100
C	Crestview/Highwood Area Streets	PW08.060

Neighborhood Population

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2000 – 2,519

Breakdown by density:

Fully developed – 2,845

1,143 – Low density

1,642 – medium density

20 – High density



# Vista Hills Neighborhood #11

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# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Pond Avenue/Dorland Road **TOTAL COST:** \$870,000

**PROJECT NUMBER:** PW05.080 **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Replacement of bituminous pavement

**JUSTIFICATION:**

The Pond Avenue and Dorland Road streets are very badly deteriorated and the drainage is poor. These streets are located south of Londin Lane and east of McKnight Road. Replacement will include upgrades to the area drainage system in coordination with making improvements to the Crestview/Highwood Area Streets.

0.42 miles of street, Average PCI: 54/100

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Bonds-Special Assessment	0	0	0	0	304,500	0	304,500
Bonds-G.O. Improvement	30,000	0	0	0	396,300	0	426,300
Sanitary Sewer Fund	0	0	0	0	43,500	0	43,500
St. Paul W.A.C. Fund	0	0	0	0	26,100	0	26,100
St. Paul Water	0	0	0	0	26,100	0	26,100
Environmental Utility Fund	0	0	0	0	43,500	0	43,500

<p><b>PROJECT STARTING DATE:</b> May 2008</p> <p><b>PROJECT COMPLETION DATE:</b> October 2014</p> <p><b>NEIGHBORHOOD:</b> 11 - Vista Hills</p>	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$90,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$780,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$870,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Sterling Street,Londin Lane to Crestview Forest Dr **TOTAL COST:** \$770,000

**PROJECT NUMBER:** PW08.100 **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Partial Reconstruction of State Aid Street

**JUSTIFICATION:**

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.

0.4 miles of streets, Average PCI 52/100

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Bonds-M.S.A.	0	100,000	361,000	0	0	0	461,000
Bonds-Special Assessment	0	0	270,000	0	0	0	270,000
Sanitary Sewer Fund	0	0	39,000	0	0	0	39,000

<b>PROJECT STARTING DATE:</b> August 2011  <b>PROJECT COMPLETION DATE:</b> October 2012  <b>NEIGHBORHOOD:</b> 11 - Vista Hills	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$100,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$670,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$770,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Crestview/Highwood Area Streets **TOTAL COST:** \$4,780,000

**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, 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.

3.2 miles of streets, Average PCI: 44/100

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Bonds-G.O. Improvement	0	0	200,000	2,121,200	0	0	2,321,200
Bonds-Special Assessment	0	0	0	1,680,000	0	0	1,680,000
Sanitary Sewer Fund	0	0	0	246,000	0	0	246,000
St. Paul Water	0	0	0	143,400	0	0	143,400
Environmental Utility Fund	0	0	0	246,000	0	0	246,000
St. Paul W.A.C. Fund	0	0	0	143,100	0	0	143,100

		PROJECT COSTS	
<b>PROJECT STARTING DATE:</b>	April 2012	<b>Preliminaries:</b>	\$200,000
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b>	October 2013	<b>Construction:</b>	\$4,580,000
		<b>Equipment and Other:</b>	\$0
<b>NEIGHBORHOOD:</b>	11 - Vista Hills	<b>Project Costs:</b>	\$4,780,000

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2011 – 2015

Projects Located in  
 Highwood - Neighborhood #12

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

Neighborhood Population

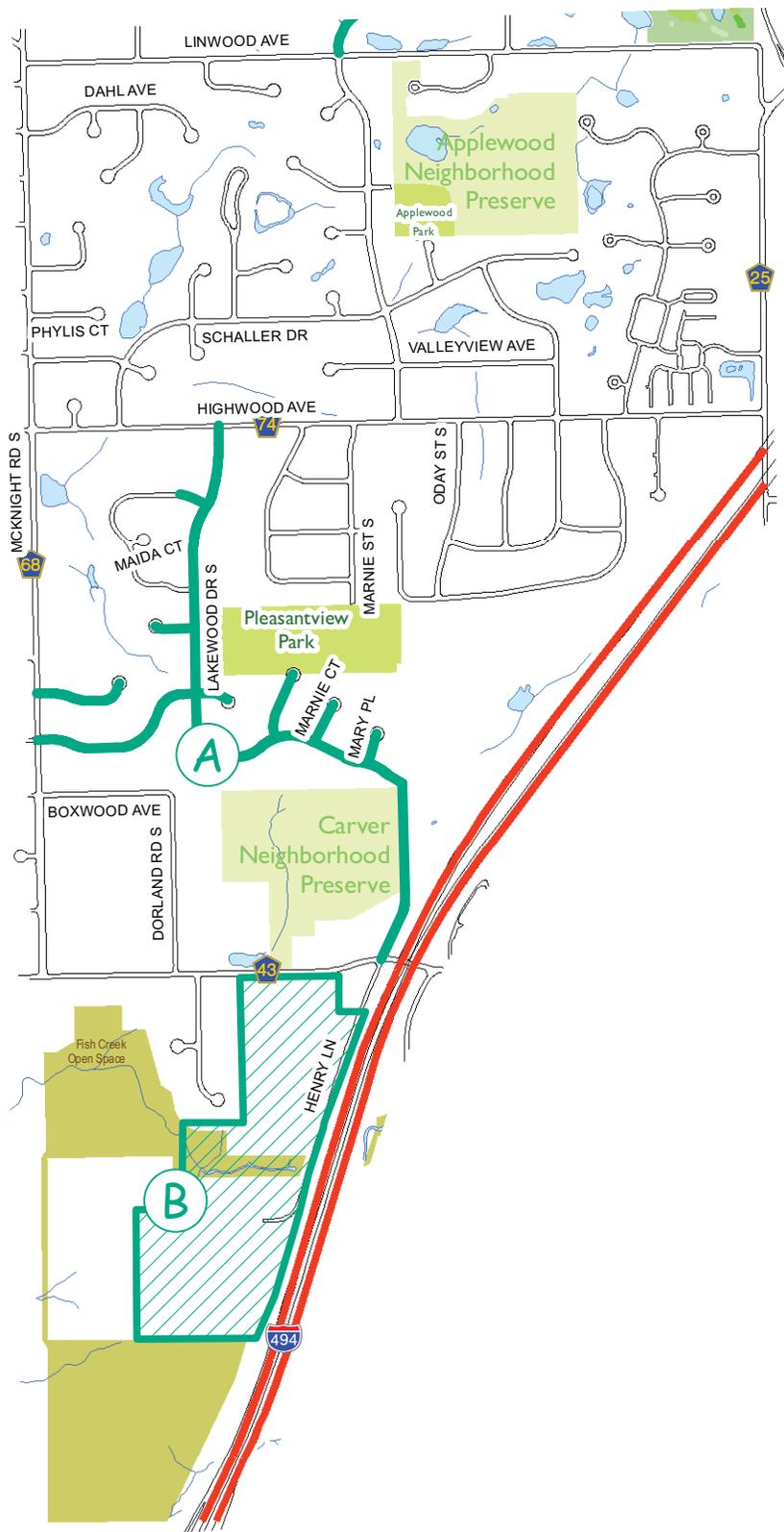
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2000 – 2,706

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 2011 - 2015

**PROJECT TITLE:** Lakewood/Sterling Area Streets **TOTAL COST:** \$2,430,000

**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	2011	2012	2013	2014	2015	Funding Total
Bonds-G.O. Improvement	200,000	0	1,070,110	0	0	0	1,270,110
Bonds-Special Assessment	0	0	854,000	0	0	0	854,000
Sanitary Sewer Fund	0	0	125,000	0	0	0	125,000
St. Paul Water	0	0	48,600	0	0	0	48,600
Environmental Utility Fund	0	0	125,000	0	0	0	125,000
St. Paul W.A.C. Fund	0	0	7,290	0	0	0	7,290

<b>PROJECT STARTING DATE:</b> July 2010  <b>PROJECT COMPLETION DATE:</b> October 2012  <b>NEIGHBORHOOD:</b> 12 - Highwood	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$200,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$2,230,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$2,430,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Fish Creek Open Space **TOTAL COST:** \$4,250,000

**PROJECT NUMBER:** PM11.010 **PROJECT CATEGORY:** Parks

**DESCRIPTION:** Fish Creek Open Space

**JUSTIFICATION:**

The City Council, acting through the Economic Development Authority, is considering purchasing the 73 acre Fish Creek Open Space Area and developing 12-15 lots; and then considering grants and a possible Open Space Referendum for repayment for the remaining portions of the property.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Ramsey County	0	250,000	0	0	0	0	250,000
Bonds-G.O. Improvement	0	350,000	0	0	0	0	350,000
Grants	0	0	0	2,000,000	0	0	2,000,000
Sanitary Sewer Fund	0	700,000	0	0	0	0	700,000
Park Development Fund	0	50,000	0	0	0	0	50,000
Grants	0	150,000	0	0	0	0	150,000
Bonds-Special Assessment	0	750,000	0	0	0	0	750,000

<b>PROJECT STARTING DATE:</b> July 2010  <b>PROJECT COMPLETION DATE:</b> July 2013  <b>NEIGHBORHOOD:</b> 12 - Highwood	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$300,000
	<b>Land Acquisition:</b>	\$2,750,000
	<b>Construction:</b>	\$1,200,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$4,250,000</b>

CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 – 2015

Projects Located in  
Carver Ridge - Neighborhood #13

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

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Neighborhood Population

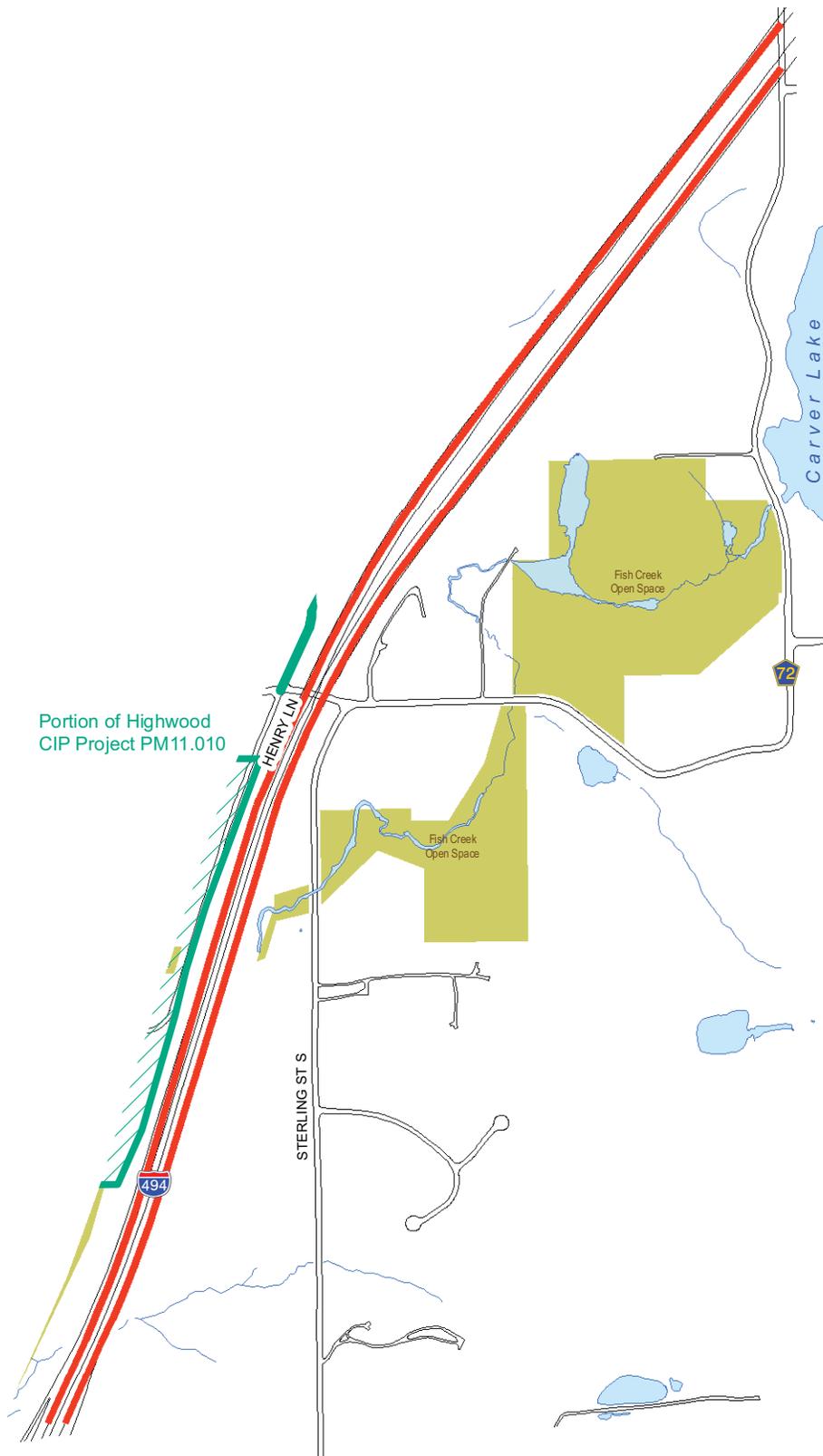
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2000 – 145

Fully developed – 724

Breakdown by density:

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  
 2011 – 2015

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
Phone System	IT09.010
Fiber Optics	IT09.020
MCC Exercise Equipment	MT10.030
MCC Exterior Metal Painting	MT08.040
Wetland Enhancement Program	PM10.010
Community Field Upgrades	PM07.010
Park Equipment, Fence and Court Replacement	PM08.040
Cab for Jacobsen Mower	PW11.010
Jetter Truck	PW11.020
Parallelogram Lift	PW11.030
Single Axle Plow Truck	PW11.040
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
Jet/Vac Truck	PW09.010
Two Toro Mowers and One 4-Wheel Truckster	PW09.020
One 1 Ton One 1 ½ Ton and one ½ Ton Trucks	PW09.030

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** Replacement of Fire Truck **TOTAL COST:** \$449,730

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

**DESCRIPTION:** 1500-GPM 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 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.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Fire Truck Replacement Fund	0	449,730	0	0	0	0	449,730

		<b>PROJECT COSTS</b>	
<b>PROJECT STARTING DATE:</b>	January 2011	<b>Preliminaries:</b>	\$0
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b>	December 2011	<b>Construction:</b>	\$0
		<b>Equipment and Other:</b>	\$449,730
<b>NEIGHBORHOOD:</b>	Not Designated	<b>Project Costs:</b>	\$449,730

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

<b>PROJECT TITLE:</b> Replacement of Fire Truck	<b>TOTAL COST:</b> \$481,280
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<b>PROJECT NUMBER:</b> FD06.020	<b>PROJECT CATEGORY:</b> Equipment
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**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 in turn is making it more difficult to respond on calls.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Fire Truck Replacement Fund	0	0	0	0	0	481,280	481,280

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2015	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> December 2015	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$481,280
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$481,280

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** Ambulance Replacement **TOTAL COST:** \$117,500

**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	2011	2012	2013	2014	2015	Funding Total
Ambulance Service Fund	0	117,500	0	0	0	0	117,500

**PROJECT STARTING DATE:** January 2011

**PROJECT COMPLETION DATE:** December 2011

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$117,500
<b>Project Costs:</b>	\$117,500

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** Ambulance Replacement **TOTAL COST:** \$121,025

**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	2011	2012	2013	2014	2015	Funding Total
Ambulance Service Fund	0	0	0	0	121,025	0	121,025

<b>PROJECT STARTING DATE:</b> January 2014  <b>PROJECT COMPLETION DATE:</b> September 2014  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$121,025
	<b>Project Costs:</b>	<b>\$121,025</b>

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

<b>PROJECT TITLE:</b> Phone System	<b>TOTAL COST:</b> \$120,000
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<b>PROJECT NUMBER:</b> IT09.010	<b>PROJECT CATEGORY:</b> Equipment
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**DESCRIPTION:** Purchase & installation of new phone system

**JUSTIFICATION:**

We're already seeing a decline in the functionality of our phone system. Equipment is breaking down more often which is costing the City additional funds due to the fact that the majority of the repairs must be done by outside entities. The addition of a new phone system will provide complete mobility allowing employees to be more accessible than ever. A new phone system will also provide more abilities to City staff to perform the maintenance instead of hiring an outside party. The cost estimate is based on a City wide installation of a Cisco based phone system. A new phone system will also offer us redundancy with neighboring cities providing greater disaster recovery options.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Information Technology Fund	0	0	0	120,000	0	0	120,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2013	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> December 2013	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$120,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$120,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

<b>PROJECT TITLE:</b> Fiber Optics	<b>TOTAL COST:</b> \$300,800
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<b>PROJECT NUMBER:</b> IT09.020	<b>PROJECT CATEGORY:</b> Equipment
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**DESCRIPTION:** Installation of fiber optics to City buildings / neighboring networks

**JUSTIFICATION:**

Currently all of our City buildings are connected to each other via fiber optics that were installed and are owned and maintained by Comcast in accordance with their cable franchise agreement. High-bandwidth connections to our remote sites has become a requirement as there are now large amounts of traffic, both data and voice, that need to be provided for. If we lose the ability to use the Comcast network we need to have another viable solution. These funds would connect our sites directly to City Hall via shared fiber optics giving us the bandwidth needed to continue the current standard of service and allowing us the space to grow in the future.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Information Technology Fund	0	0	0	0	300,800	0	300,800

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> March 2014	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> December 2014	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$300,800
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$300,800

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** MCC Exercise Equipment **TOTAL COST:** \$59,000

**PROJECT NUMBER:** MT10.030 **PROJECT CATEGORY:** Building Maintenance

**DESCRIPTION:** Exercise Equipment for the MCC Cardio and Strength Areas

**JUSTIFICATION:**

With the continued growth in memberships and the age of some of the existing equipment staff has determined the need to replace and add various pieces of equipment. To keep competitive with the surrounding gym's we need to have enough equipment and equipment that functions. The MCC staff has a list of equipment that is under consideration available for review.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Community Center Operations Fund	0	0	0	0	59,000	0	59,000

**PROJECT STARTING DATE:** January 2014

**PROJECT COMPLETION DATE:** December 2014

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$59,000
<b>Project Costs:</b>	\$59,000

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** MCC Exterior Metal Painting **TOTAL COST:** \$120,000

**PROJECT NUMBER:** MT08.040 **PROJECT CATEGORY:** Building Maintenance

**DESCRIPTION:** Painting of the exterior metal at the MCC

**JUSTIFICATION:**

The metal on the building exterior of the Community Center is rusting and peeling which requires it to be sand blasted, primed and painted. There are areas of decking that have rusted completely through and will need physical repair prior to painting. This includes the columns, decking, structural metals, and railings. This is due to age and exposure to the elements. Most of the metal was installed in 1994 and has not been painted to date.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Community Center Operations Fund	0	0	0	60,000	60,000	0	120,000

		PROJECT COSTS	
<b>PROJECT STARTING DATE:</b>	May 2013	<b>Preliminaries:</b>	\$0
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b>	October 2014	<b>Construction:</b>	\$0
		<b>Equipment and Other:</b>	\$120,000
<b>NEIGHBORHOOD:</b>	Not Designated	<b>Project Costs:</b>	\$120,000

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

<b>PROJECT TITLE:</b> Wetland Enhancement Program	<b>TOTAL COST:</b> \$125,000
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<b>PROJECT NUMBER:</b> PM10.010	<b>PROJECT CATEGORY:</b> Parks
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**DESCRIPTION:** Reclamation and enhancement of wetlands and buffers throughout the community

**JUSTIFICATION:**

This program is an outgrowth of the Environmental Utility Fund's (EUF) establishment. The EUF fund exists in order that wetlands within the community can be enhanced with pre-treatment structures; wider protection buffers; cleaning of debris and deltas; and expansion of the wetland properties and areas of the existing wetland system. Specific areas will be selected on an annual basis based upon the Annual Report on the Environmental Utility Fund and identification of degraded receiving waters within the community. This program was previously under the Public Works Department, but has been moved due to departmental restructuring.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Environmental Utility Fund	50,000	25,000	0	0	50,000	0	125,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2008	<b>Preliminaries:</b> \$25,000
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> July 2015	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$100,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$125,000

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

<b>PROJECT TITLE:</b> Community Field Upgrades	<b>TOTAL COST:</b> \$160,000
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<b>PROJECT NUMBER:</b> PM07.010	<b>PROJECT CATEGORY:</b> 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. (General Levy Fund)

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
C.I.P. Fund	35,000	25,000	25,000	25,000	25,000	25,000	160,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> March 2009	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> September 2015	<b>Construction:</b> \$160,000
	<b>Equipment and Other:</b> \$0
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$160,000

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

**PROJECT TITLE:** Park Equipment, Fence and Court Replacement      **TOTAL COST:** \$125,000

**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. (General Levy Fund)

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
C.I.P. Fund	25,000	20,000	20,000	20,000	20,000	20,000	125,000

<b>PROJECT STARTING DATE:</b> January 2009  <b>PROJECT COMPLETION DATE:</b> October 2014  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$125,000
	<b>Project Costs:</b>	<b>\$125,000</b>

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** Cab for Jacobsen Mower **TOTAL COST:** \$18,000

**PROJECT NUMBER:** PW11.010 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Cab of Unit 660 Jacobsen Mower

**JUSTIFICATION:**

The 2007 Jacobsen mower is in need of an enclosed cab. The machine was originally purchased without a cab. Due to increased over the road use a cab is now needed.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	0	18,000	0	0	0	18,000

<b>PROJECT STARTING DATE:</b> January 2011  <b>PROJECT COMPLETION DATE:</b> October 2011  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$18,000
	<b>Project Costs:</b>	<b>\$18,000</b>

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

<b>PROJECT TITLE:</b> Jetter Truck	<b>TOTAL COST:</b> \$185,000
<b>PROJECT NUMBER:</b> PW11.020	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> 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	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	0	185,000	0	0	0	185,000

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

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

<b>PROJECT TITLE:</b> Parallelogram Lift	<b>TOTAL COST:</b> \$114,320
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<b>PROJECT NUMBER:</b> PW11.030	<b>PROJECT CATEGORY:</b> Equipment
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**DESCRIPTION:** Replacement of Vehicle/Equipment Parallelogram Lift

**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 \$102,130.00. For an additional \$12,190.00 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 unforeseen changes in future Fire and Public Works equipment.

It is recommended that the larger 50,000 pound capacity lift be purchased and installed for \$114,320.00.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	0	0	0	114,320	0	114,320

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

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** Single Axle Plow Truck **TOTAL COST:** \$185,730

**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	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	0	0	0	0	185,730	185,730

<b>PROJECT STARTING DATE:</b> January 2015  <b>PROJECT COMPLETION DATE:</b> August 2015  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$185,730
	<b>Project Costs:</b>	<b>\$185,730</b>

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2011 - 2015

<b>PROJECT TITLE:</b> Lift Station Upgrade Program	<b>TOTAL COST:</b> \$200,000
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<b>PROJECT NUMBER:</b> PW03.210	<b>PROJECT CATEGORY:</b> 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 2010 one of the last major lift station overhauls was completed however upgrades are expected in 2014 with minor work expected in the interim.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Sanitary Sewer Fund	0	0	25,000	25,000	150,000	0	200,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2012	<b>Preliminaries:</b> \$25,000
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> October 2014	<b>Construction:</b> \$175,000
	<b>Equipment and Other:</b> \$0
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$200,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** Two Toro Lawn Mowers and Two Trailers **TOTAL COST:** \$86,200

**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.(\$69,350)  
Replacement of two 12,000 lb. capacity trailers. (\$26,650) Toro units 653-654 Trailer units 721-722

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	0	0	86,200	0	0	86,200

<b>PROJECT STARTING DATE:</b> January 2013  <b>PROJECT COMPLETION DATE:</b> July 2013  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$86,200
	<b>Project Costs:</b>	<b>\$86,200</b>

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** One Tractor Loader and Three Wheel Truckster **TOTAL COST:** \$82,500

**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. (\$62,000) Unit 712

Replacement is scheduled for one three wheel truckster (\$20,050) Unit 655

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	0	0	82,500	0	0	82,500

**PROJECT STARTING DATE:** January 2013

**PROJECT COMPLETION DATE:** July 2013

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$82,500
<b>Project Costs:</b>	\$82,500

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** One Snow Plow Truck **TOTAL COST:** \$171,000

**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	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	0	0	0	171,000	0	171,000

<b>PROJECT STARTING DATE:</b> January 2014  <b>PROJECT COMPLETION DATE:</b> December 2014  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$171,000
	<b>Project Costs:</b>	<b>\$171,000</b>

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

<b>PROJECT TITLE:</b> 1-Ton Truck	<b>TOTAL COST:</b> \$71,200
<b>PROJECT NUMBER:</b> PW07.030	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Replacement of two 1-ton trucks with plow attachments	

**JUSTIFICATION:**

Replacement is scheduled for one 1-ton trucks with dump bodies 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	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	0	0	71,200	0	0	71,200

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2013	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> August 2013	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$71,200
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$71,200

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** Jet/Vac Truck **TOTAL COST:** \$325,000

**PROJECT NUMBER:** PW09.010 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Sanitary and Storm Sewer Jetting/Vacuum Truck

**JUSTIFICATION:**

The jet vacuum truck is due for replacement, the current machine is undersized for our needs and will be replaced with a larger machine. Unit 616

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	325,000	0	0	0	0	325,000

<b>PROJECT STARTING DATE:</b> January 2011  <b>PROJECT COMPLETION DATE:</b> October 2011  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$325,000
	<b>Project Costs:</b>	<b>\$325,000</b>

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** Two Toro Mowers and One 4-Wheel Truckster **TOTAL COST:** \$98,300

**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 units 652 and 545 (\$73,500) in 2015.  
Replacement is scheduled for one 4 wheel truckster unit 656 (\$24,800) in 2015.

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	0	0	0	0	98,300	98,300

<b>PROJECT STARTING DATE:</b> January 2015  <b>PROJECT COMPLETION DATE:</b> July 2015  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$98,300
	<b>Project Costs:</b>	<b>\$98,300</b>

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2011 - 2015**

**PROJECT TITLE:** One 1 ton One 11/2 ton and One 1/2 ton Trucks **TOTAL COST:** \$161,600

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

**DESCRIPTION:** Replace one 1 ton One 11/2 ton with plow attachments and One 1/2 ton pickup truck

**JUSTIFICATION:**

Replacement is scheduled for one 1 ton truck with plow and flatbed body unit 643 (\$60,800) One 11/2 ton truck series 4500 with plow and dump body unit 644 (\$60,800) and One 1/2 ton pickup truck with engineering survey body unit 502 (\$40,000).

**PROJECT COSTS AND FUNDING SOURCES BY YEARS:**

Funding Source	Prior Years	2011	2012	2013	2014	2015	Funding Total
Fleet Management Fund	0	0	100,800	60,800	0	0	161,600

<b>PROJECT STARTING DATE:</b> January 2012  <b>PROJECT COMPLETION DATE:</b> September 2013  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$161,600
	<b>Project Costs:</b>	<b>\$161,600</b>

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

**Status:** Accepted

PROJECT NUMBER	PROJECT TITLE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
				2011	2012	2013	2014	2015
CD04.010	Gladstone Area Streetscape- Phase I	5,300,000	0	5,300,000	0	0	0	0
CD09.020	Gladstone - Phase II	3,500,000	0	0	0	400,000	3,100,000	0
CD09.030	Gladstone - Phase III	5,750,000	0	0	0	0	0	3,750,000
		<b>14,550,000</b>	<b>0</b>	<b>5,300,000</b>	<b>0</b>	<b>400,000</b>	<b>3,100,000</b>	<b>3,750,000</b>
FD03.020	Replacement of Fire Truck	449,730	0	449,730	0	0	0	0
FD06.020	Replacement of Fire Truck	481,280	0	0	0	0	0	481,280
FD08.010	Ambulance Replacement	117,500	0	117,500	0	0	0	0
FD09.020	Ambulance Replacement	121,025	0	0	0	0	121,025	0
FD09.030	Fire Training Facility	3,700,000	30,000	570,000	3,100,000	0	0	0
		<b>4,869,535</b>	<b>30,000</b>	<b>1,137,230</b>	<b>3,100,000</b>	<b>0</b>	<b>121,025</b>	<b>481,280</b>
IT09.010	Phone System	120,000	0	0	0	120,000	0	0
IT09.020	Fiber Optics	300,800	0	0	0	0	300,800	0
		<b>420,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120,000</b>	<b>300,800</b>	<b>0</b>
MT10.030	MCC Exercise Equipment	59,000	0	0	0	0	59,000	0
MT08.040	MCC Exterior Metal Painting	120,000	0	0	0	60,000	60,000	0
		<b>179,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>119,000</b>	<b>0</b>
PM10.010	Wetland Enhancement Program	125,000	50,000	25,000	0	0	50,000	0
PM11.010	Fish Creek Open Space	4,250,000	0	2,250,000	0	2,000,000	0	0
PM11.020	Goodrich Park Improvements	500,000	0	100,000	0	400,000	0	0
PM03.010	Lions Park Improvements	350,000	300,000	50,000	0	0	0	0
PM03.060	Joy Park Improvements	300,000	200,000	100,000	0	0	0	0
PM07.010	Community Field Upgrades	160,000	35,000	25,000	25,000	25,000	25,000	25,000
PM08.040	Park Equipment, Fence and Court Replacement	125,000	25,000	20,000	20,000	20,000	20,000	20,000
PM08.050	Gladstone Savanna Improvements	1,700,000	0	1,200,000	0	250,000	0	250,000
		<b>7,510,000</b>	<b>610,000</b>	<b>3,770,000</b>	<b>45,000</b>	<b>2,695,000</b>	<b>95,000</b>	<b>295,000</b>
PW11.010	Cab for Jacobsen Mower	18,000	0	0	18,000	0	0	0
PW11.020	Jetter Truck	185,000	0	0	185,000	0	0	0
PW11.030	Parallelogram Lift	114,320	0	0	0	0	114,320	0
PW11.040	Single Axle Plow Truck	185,730	0	0	0	0	0	185,730
PW03.210	Lift Station Upgrade Program	200,000	0	0	25,000	25,000	150,000	0
PW04.110	County Rd D Court, East of TH 61 to Hazelwood	1,007,500	0	0	0	0	0	1,007,500
PW05.080	Pond Avenue/Dorland Road	870,000	30,000	0	0	0	840,000	0
PW06.010	Two Toro Lawn Mowers and Two Trailers	86,200	0	0	0	86,200	0	0
PW06.060	One Tractor Loader and Three Wheel Truckster	82,500	0	0	0	82,500	0	0
PW06.070	One Snow Plow Truck	171,000	0	0	0	0	171,000	0
PW07.030	1-Ton Truck	71,200	0	0	0	71,200	0	0
PW07.060	Western Hills/Larpenteur Area Streets	5,980,000	200,000	5,780,000	0	0	0	0
PW07.100	TH 36 - English Intersection Improvements	14,800,000	0	800,000	1,000,000	500,000	12,500,000	0
PW08.050	Lakewood/Sterling Area Streets	2,430,000	200,000	0	2,230,000	0	0	0
PW08.060	Crestview/Highwood Area Streets	4,779,700	0	0	200,000	4,579,700	0	0
PW08.070	Bartelmy Meyer Area Streets	1,440,000	0	0	0	100,000	1,340,000	0
PW08.080	Bartelmy Street, Minnehaha Ave. to Stillwater Rd.	1,170,000	0	0	0	150,000	1,020,000	0
PW08.100	Sterling Street, Londin Lane to Crestview Forest Dr	770,000	0	100,000	670,000	0	0	0
PW09.010	Jet/Vac Truck	325,000	0	325,000	0	0	0	0
PW09.020	Two Toro Mowers and One 4-Wheel Truckster	98,300	0	0	0	0	0	98,300
PW09.030	One 1 ton One 11/2 ton and One 1/2 ton Trucks	161,600	0	0	100,800	60,800	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	4,330,000	0	0	0	0	0	4,200,100
		<b>39,276,050</b>	<b>430,000</b>	<b>7,005,000</b>	<b>4,428,800</b>	<b>5,655,400</b>	<b>16,135,320</b>	<b>5,491,630</b>
		<b>66,805,385</b>	<b>1,070,000</b>	<b>17,212,230</b>	<b>7,573,800</b>	<b>8,930,400</b>	<b>19,871,145</b>	<b>10,017,910</b>

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

**Status:** Accepted

PROJECT NUMBER	PROJECT TITLE	FUNDING SOURCE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2011	2012	2013	2014	2015
FD08.010	Ambulance Replacement	Ambulance Service Fund	117,500	0	117,500	0	0	0	0
FD09.020	Ambulance Replacement	Ambulance Service Fund	121,025	0	0	0	0	121,025	0
			<b>238,525</b>	<b>0</b>	<b>117,500</b>	<b>0</b>	<b>0</b>	<b>121,025</b>	<b>0</b>
PM11.010	Fish Creek Open Space	Bonds-G.O. Improvement	350,000	0	350,000	0	0	0	0
PW04.110	County Rd D Court, East of TH 61 to Hazelwood	Bonds-G.O. Improvement	317,400	0	0	0	0	0	317,400
PW05.080	Pond Avenue/Dorland Road	Bonds-G.O. Improvement	426,300	30,000	0	0	0	396,300	0
PW07.060	Western Hills/Larpenteur Area Streets	Bonds-G.O. Improvement	2,383,000	200,000	2,183,000	0	0	0	0
PW08.050	Lakewood/Sterling Area Streets	Bonds-G.O. Improvement	1,270,110	200,000	0	1,070,110	0	0	0
PW08.060	Crestview/Highwood Area Streets	Bonds-G.O. Improvement	2,321,200	0	0	200,000	2,121,200	0	0
PW08.070	Bartelmy Meyer Area Streets	Bonds-G.O. Improvement	702,600	0	0	0	100,000	602,600	0
PW09.080	Farrell/Ferndale Area Street Improvements	Bonds-G.O. Improvement	1,681,200	0	0	0	0	0	1,681,200
			<b>9,451,810</b>	<b>430,000</b>	<b>2,533,000</b>	<b>1,270,110</b>	<b>2,221,200</b>	<b>998,900</b>	<b>1,998,600</b>
CD09.020	Gladstone - Phase II	Bonds-M.S.A.	350,000	0	0	0	0	350,000	0
PW07.100	TH 36 - English Intersection Improvements	Bonds-M.S.A.	2,250,000	0	0	1,000,000	250,000	1,000,000	0
PW08.080	Bartelmy Street, Minnehaha Ave. to Stillwater Rd.	Bonds-M.S.A.	689,800	0	0	0	150,000	539,800	0
PW08.100	Sterling Street,Londin Lane to Crestview Forest Dr	Bonds-M.S.A.	461,000	0	100,000	361,000	0	0	0
			<b>3,750,800</b>	<b>0</b>	<b>100,000</b>	<b>1,361,000</b>	<b>400,000</b>	<b>1,889,800</b>	<b>0</b>
CD04.010	Gladstone Area Streetscape- Phase I	Bonds-Special Assessment	800,000	0	800,000	0	0	0	0
CD09.020	Gladstone - Phase II	Bonds-Special Assessment	1,500,000	0	0	0	0	1,500,000	0
CD09.030	Gladstone - Phase III	Bonds-Special Assessment	2,000,000	0	0	0	0	0	2,000,000
PM11.010	Fish Creek Open Space	Bonds-Special Assessment	750,000	0	750,000	0	0	0	0
PM08.050	Gladstone Savanna Improvements	Bonds-Special Assessment	400,000	0	400,000	0	0	0	0
PW04.110	County Rd D Court, East of TH 61 to Hazelwood	Bonds-Special Assessment	228,100	0	0	0	0	0	228,100
PW05.080	Pond Avenue/Dorland Road	Bonds-Special Assessment	304,500	0	0	0	0	304,500	0
PW07.060	Western Hills/Larpenteur Area Streets	Bonds-Special Assessment	2,096,000	0	2,096,000	0	0	0	0
PW07.100	TH 36 - English Intersection Improvements	Bonds-Special Assessment	400,000	0	100,000	0	0	300,000	0
PW08.050	Lakewood/Sterling Area Streets	Bonds-Special Assessment	854,000	0	0	854,000	0	0	0
PW08.060	Crestview/Highwood Area Streets	Bonds-Special Assessment	1,680,000	0	0	0	1,680,000	0	0
PW08.070	Bartelmy Meyer Area Streets	Bonds-Special Assessment	505,000	0	0	0	0	505,000	0
PW08.080	Bartelmy Street, Minnehaha Ave. to Stillwater Rd.	Bonds-Special Assessment	351,000	0	0	0	0	351,000	0
PW08.100	Sterling Street,Londin Lane to Crestview Forest Dr	Bonds-Special Assessment	270,000	0	0	270,000	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Bonds-Special Assessment	1,518,000	0	0	0	0	0	1,518,000
			<b>13,656,600</b>	<b>0</b>	<b>4,146,000</b>	<b>1,124,000</b>	<b>1,680,000</b>	<b>2,960,500</b>	<b>3,746,100</b>
CD04.010	Gladstone Area Streetscape- Phase I	Bonds-Tax Increment	700,000	0	700,000	0	0	0	0
CD09.030	Gladstone - Phase III	Bonds-Tax Increment	2,000,000	0	0	0	0	0	2,000,000
			<b>2,700,000</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>
FD09.030	Fire Training Facility	C.I.P. Fund	125,000	15,000	60,000	50,000	0	0	0
PM07.010	Community Field Upgrades	C.I.P. Fund	160,000	35,000	25,000	25,000	25,000	25,000	25,000
PM08.040	Park Equipment, Fence and Court Replacement	C.I.P. Fund	125,000	25,000	20,000	20,000	20,000	20,000	20,000
			<b>410,000</b>	<b>75,000</b>	<b>105,000</b>	<b>95,000</b>	<b>45,000</b>	<b>45,000</b>	<b>45,000</b>
MT10.030	MCC Exercise Equipment	Community Center Operations	59,000	0	0	0	0	59,000	0
MT08.040	MCC Exterior Metal Painting	Community Center Operations	120,000	0	0	0	60,000	60,000	0
			<b>179,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>119,000</b>	<b>0</b>
CD04.010	Gladstone Area Streetscape- Phase I	Environmental Utility Fund	300,000	0	300,000	0	0	0	0
CD09.020	Gladstone - Phase II	Environmental Utility Fund	150,000	0	0	0	150,000	0	0
FD09.030	Fire Training Facility	Environmental Utility Fund	125,000	15,000	60,000	50,000	0	0	0
PM10.010	Wetland Enhancement Program	Environmental Utility Fund	125,000	50,000	25,000	0	0	50,000	0
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	200,000	0	0	0	0
PW05.080	Pond Avenue/Dorland Road	Environmental Utility Fund	43,500	0	0	0	0	43,500	0
PW07.060	Western Hills/Larpenteur Area Streets	Environmental Utility Fund	900,000	0	900,000	0	0	0	0
PW07.100	TH 36 - English Intersection Improvements	Environmental Utility Fund	700,000	0	700,000	0	0	0	0

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

**Status:** Accepted

PROJECT NUMBER	PROJECT TITLE	FUNDING SOURCE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2011	2012	2013	2014	2015
PW08.050	Lakewood/Sterling Area Streets	Environmental Utility Fund	125,000	0	0	125,000	0	0	0
PW08.060	Crestview/Highwood Area Streets	Environmental Utility Fund	246,000	0	0	0	246,000	0	0
PW08.070	Bartelmy Meyer Area Streets	Environmental Utility Fund	73,000	0	0	0	0	73,000	0
PW09.080	Farrell/Ferndale Area Street Improvements	Environmental Utility Fund	652,000	0	0	0	0	0	652,000
			<b>3,664,500</b>	<b>90,000</b>	<b>2,185,000</b>	<b>175,000</b>	<b>396,000</b>	<b>166,500</b>	<b>652,000</b>
FD03.020	Replacement of Fire Truck	Fire Truck Replacement Fund	449,730	0	449,730	0	0	0	0
FD06.020	Replacement of Fire Truck	Fire Truck Replacement Fund	481,280	0	0	0	0	0	481,280
			<b>931,010</b>	<b>0</b>	<b>449,730</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>481,280</b>
PW11.010	Cab for Jacobsen Mower	Fleet Management Fund	18,000	0	0	18,000	0	0	0
PW11.020	Jetter Truck	Fleet Management Fund	185,000	0	0	185,000	0	0	0
PW11.030	Parallelogram Lift	Fleet Management Fund	114,320	0	0	0	0	114,320	0
PW11.040	Single Axle Plow Truck	Fleet Management Fund	185,730	0	0	0	0	0	185,730
PW06.010	Two Toro Lawn Mowers and Two Trailers	Fleet Management Fund	86,200	0	0	0	86,200	0	0
PW06.060	One Tractor Loader and Three Wheel Truckster	Fleet Management Fund	82,500	0	0	0	82,500	0	0
PW06.070	One Snow Plow Truck	Fleet Management Fund	171,000	0	0	0	0	171,000	0
PW07.030	1-Ton Truck	Fleet Management Fund	71,200	0	0	0	71,200	0	0
PW09.010	Jet/Vac Truck	Fleet Management Fund	325,000	0	325,000	0	0	0	0
PW09.020	Two Toro Mowers and One 4-Wheel Truckster	Fleet Management Fund	98,300	0	0	0	0	0	98,300
PW09.030	One 1 ton One 11/2 ton and One 1/2 ton Trucks	Fleet Management Fund	161,600	0	0	100,800	60,800	0	0
			<b>1,498,850</b>	<b>0</b>	<b>325,000</b>	<b>303,800</b>	<b>300,700</b>	<b>285,320</b>	<b>284,030</b>
CD04.010	Gladstone Area Streetscape- Phase I	Grants	1,200,000	0	1,200,000	0	0	0	0
CD09.020	Gladstone - Phase II	Grants	1,250,000	0	0	0	0	1,250,000	0
CD09.030	Gladstone - Phase III	Grants	1,500,000	0	0	0	0	0	1,500,000
FD09.030	Fire Training Facility	Grants	3,000,000	0	0	3,000,000	0	0	0
PM11.010	Fish Creek Open Space	Grants	150,000	0	150,000	0	0	0	0
PM11.010	Fish Creek Open Space	Grants	2,000,000	0	0	0	2,000,000	0	0
PW07.100	TH 36 - English Intersection Improvements	Grants	7,200,000	0	0	0	0	7,200,000	0
			<b>16,300,000</b>	<b>0</b>	<b>1,350,000</b>	<b>3,000,000</b>	<b>2,000,000</b>	<b>8,450,000</b>	<b>1,500,000</b>
IT09.010	Phone System	Information Technology Fund	120,000	0	0	0	120,000	0	0
IT09.020	Fiber Optics	Information Technology Fund	300,800	0	0	0	0	300,800	0
			<b>420,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120,000</b>	<b>300,800</b>	<b>0</b>
CD04.010	Gladstone Area Streetscape- Phase I	Mn/DOT	1,600,000	0	1,600,000	0	0	0	0
PW07.100	TH 36 - English Intersection Improvements	Mn/DOT	4,250,000	0	0	0	250,000	4,000,000	0
			<b>5,850,000</b>	<b>0</b>	<b>1,600,000</b>	<b>0</b>	<b>250,000</b>	<b>4,000,000</b>	<b>0</b>
PM11.010	Fish Creek Open Space	Park Development Fund	50,000	0	50,000	0	0	0	0
PM11.020	Goodrich Park Improvements	Park Development Fund	500,000	0	100,000	0	400,000	0	0
PM03.010	Lions Park Improvements	Park Development Fund	325,000	275,000	50,000	0	0	0	0
PM03.060	Joy Park Improvements	Park Development Fund	300,000	200,000	100,000	0	0	0	0
PM08.050	Gladstone Savanna Improvements	Park Development Fund	1,100,000	0	600,000	0	250,000	0	250,000
			<b>2,275,000</b>	<b>475,000</b>	<b>900,000</b>	<b>0</b>	<b>650,000</b>	<b>0</b>	<b>250,000</b>
FD09.030	Fire Training Facility	Ramsey County	450,000	0	450,000	0	0	0	0
PM11.010	Fish Creek Open Space	Ramsey County	250,000	0	250,000	0	0	0	0
			<b>700,000</b>	<b>0</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
CD04.010	Gladstone Area Streetscape- Phase I	Sanitary Sewer Fund	100,000	0	100,000	0	0	0	0
CD09.020	Gladstone - Phase II	Sanitary Sewer Fund	250,000	0	0	0	250,000	0	0
CD09.030	Gladstone - Phase III	Sanitary Sewer Fund	250,000	0	0	0	0	0	250,000
PM11.010	Fish Creek Open Space	Sanitary Sewer Fund	700,000	0	700,000	0	0	0	0
PW03.210	Lift Station Upgrade Program	Sanitary Sewer Fund	200,000	0	0	25,000	25,000	150,000	0
PW05.080	Pond Avenue/Dorland Road	Sanitary Sewer Fund	43,500	0	0	0	0	43,500	0
PW07.060	Western Hills/Larpenteur Area Streets	Sanitary Sewer Fund	302,000	0	302,000	0	0	0	0

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

**Status:** Accepted

PROJECT NUMBER	PROJECT TITLE	FUNDING SOURCE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2011	2012	2013	2014	2015
PW08.050	Lakewood/Sterling Area Streets	Sanitary Sewer Fund	125,000	0	0	125,000	0	0	0
PW08.060	Crestview/Highwood Area Streets	Sanitary Sewer Fund	246,000	0	0	0	246,000	0	0
PW08.070	Bartelmy Meyer Area Streets	Sanitary Sewer Fund	73,000	0	0	0	0	73,000	0
PW08.080	Bartelmy Street, Minnehaha Ave. to Stillwater Rd.	Sanitary Sewer Fund	59,000	0	0	0	0	59,000	0
PW08.100	Sterling Street,Londin Lane to Crestview Forest Dr	Sanitary Sewer Fund	39,000	0	0	39,000	0	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Sanitary Sewer Fund	219,000	0	0	0	0	0	219,000
			<b>2,606,500</b>	<b>0</b>	<b>1,102,000</b>	<b>189,000</b>	<b>521,000</b>	<b>325,500</b>	<b>469,000</b>
PW05.080	Pond Avenue/Dorland Road	St. Paul W.A.C. Fund	26,100	0	0	0	0	26,100	0
PW07.060	Western Hills/Larpenteur Area Streets	St. Paul W.A.C. Fund	179,400	0	179,400	0	0	0	0
PW08.050	Lakewood/Sterling Area Streets	St. Paul W.A.C. Fund	7,290	0	0	7,290	0	0	0
PW08.060	Crestview/Highwood Area Streets	St. Paul W.A.C. Fund	143,100	0	0	0	143,100	0	0
PW08.070	Bartelmy Meyer Area Streets	St. Paul W.A.C. Fund	43,200	0	0	0	0	43,200	0
PW08.080	Bartelmy Street, Minnehaha Ave. to Stillwater Rd.	St. Paul W.A.C. Fund	35,100	0	0	0	0	35,100	0
PW09.080	Farrell/Ferndale Area Street Improvements	St. Paul W.A.C. Fund	129,900	0	0	0	0	0	129,900
			<b>564,090</b>	<b>0</b>	<b>179,400</b>	<b>7,290</b>	<b>143,100</b>	<b>104,400</b>	<b>129,900</b>
PW04.110	County Rd D Court, East of TH 61 to Hazelwood	St. Paul Water	262,000	0	0	0	0	0	262,000
PW05.080	Pond Avenue/Dorland Road	St. Paul Water	26,100	0	0	0	0	26,100	0
PW07.060	Western Hills/Larpenteur Area Streets	St. Paul Water	119,600	0	119,600	0	0	0	0
PW08.050	Lakewood/Sterling Area Streets	St. Paul Water	48,600	0	0	48,600	0	0	0
PW08.060	Crestview/Highwood Area Streets	St. Paul Water	143,400	0	0	0	143,400	0	0
PW08.070	Bartelmy Meyer Area Streets	St. Paul Water	43,200	0	0	0	0	43,200	0
PW08.080	Bartelmy Street, Minnehaha Ave. to Stillwater Rd.	St. Paul Water	35,100	0	0	0	0	35,100	0
PW09.080	Farrell/Ferndale Area Street Improvements	St. Paul Water	129,900	0	0	0	0	0	129,900
			<b>807,900</b>	<b>0</b>	<b>119,600</b>	<b>48,600</b>	<b>143,400</b>	<b>104,400</b>	<b>391,900</b>
CD04.010	Gladstone Area Streetscape- Phase I	Street Light Utility Fund	600,000	0	600,000	0	0	0	0
			<b>600,000</b>	<b>0</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
PW04.110	County Rd D Court, East of TH 61 to Hazelwood	Vadnais Heights	200,000	0	0	0	0	0	200,000
			<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200,000</b>
			<b>66,805,385</b>	<b>1,070,000</b>	<b>17,212,230</b>	<b>7,573,800</b>	<b>8,930,400</b>	<b>19,871,145</b>	<b>12,147,810</b>

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

**Status:** Accepted

PROJECT	PROJECT TITLE	PROJECT CATEGORY	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2011	2012	2013	2014	2015
FD09.030	Fire Training Facility	Building	3,700,000	30,000	570,000	3,100,000	0	0	0
MT10.030	MCC Exercise Equipment	Building	59,000	0	0	0	0	59,000	0
MT08.040	MCC Exterior Metal Painting	Building	120,000	0	0	0	60,000	60,000	0
			<b><u>3,879,000</u></b>	<b><u>30,000</u></b>	<b><u>570,000</u></b>	<b><u>3,100,000</u></b>	<b><u>60,000</u></b>	<b><u>119,000</u></b>	<b><u>0</u></b>
FD03.020	Replacement of Fire Truck	Equipment	449,730	0	449,730	0	0	0	0
FD06.020	Replacement of Fire Truck	Equipment	481,280	0	0	0	0	0	481,280
FD08.010	Ambulance Replacement	Equipment	117,500	0	117,500	0	0	0	0
FD09.020	Ambulance Replacement	Equipment	121,025	0	0	0	0	121,025	0
IT09.010	Phone System	Equipment	120,000	0	0	0	120,000	0	0
IT09.020	Fiber Optics	Equipment	300,800	0	0	0	0	300,800	0
PW11.010	Cab for Jacobsen Mower	Equipment	18,000	0	0	18,000	0	0	0
PW11.020	Jetter Truck	Equipment	185,000	0	0	185,000	0	0	0
PW11.030	Parallelogram Lift	Equipment	114,320	0	0	0	0	114,320	0
PW11.040	Single Axle Plow Truck	Equipment	185,730	0	0	0	0	0	185,730
PW06.010	Two Toro Lawn Mowers and Two Trailers	Equipment	86,200	0	0	0	86,200	0	0
PW06.060	One Tractor Loader and Three Wheel Truckster	Equipment	82,500	0	0	0	82,500	0	0
PW06.070	One Snow Plow Truck	Equipment	171,000	0	0	0	0	171,000	0
PW07.030	1-Ton Truck	Equipment	71,200	0	0	0	71,200	0	0
PW09.010	Jet/Vac Truck	Equipment	325,000	0	325,000	0	0	0	0
PW09.020	Two Toro Mowers and One 4-Wheel Truckster	Equipment	98,300	0	0	0	0	0	98,300
PW09.030	One 1 ton One 11/2 ton and One 1/2 ton Trucks	Equipment	161,600	0	0	100,800	60,800	0	0
			<b><u>3,089,185</u></b>	<b><u>0</u></b>	<b><u>892,230</u></b>	<b><u>303,800</u></b>	<b><u>420,700</u></b>	<b><u>707,145</u></b>	<b><u>765,310</u></b>
PM10.010	Wetland Enhancement Program	Parks	125,000	50,000	25,000	0	0	50,000	0
PM11.010	Fish Creek Open Space	Parks	4,250,000	0	2,250,000	0	2,000,000	0	0
PM11.020	Goodrich Park Improvements	Parks	500,000	0	100,000	0	400,000	0	0
PM03.010	Lions Park Improvements	Parks	350,000	300,000	50,000	0	0	0	0
PM03.060	Joy Park Improvements	Parks	300,000	200,000	100,000	0	0	0	0
PM07.010	Community Field Upgrades	Parks	160,000	35,000	25,000	25,000	25,000	25,000	25,000
PM08.040	Park Equipment, Fence and Court Replacement	Parks	125,000	25,000	20,000	20,000	20,000	20,000	20,000
PM08.050	Gladstone Savanna Improvements	Parks	1,700,000	0	1,200,000	0	250,000	0	250,000
			<b><u>7,510,000</u></b>	<b><u>610,000</u></b>	<b><u>3,770,000</u></b>	<b><u>45,000</u></b>	<b><u>2,695,000</u></b>	<b><u>95,000</u></b>	<b><u>295,000</u></b>

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

**Status:** Accepted

PROJECT	PROJECT TITLE	PROJECT CATEGORY	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR						
					2011	2012	2013	2014	2015		
PW03.210	Lift Station Upgrade Program	Public Works	200,000	0	0	25,000	25,000	150,000	0		
PW04.110	County Rd D Court, East of TH 61 to Hazelwood	Public Works	1,007,500	0	0	0	0	0	1,007,500		
PW05.080	Pond Avenue/Dorland Road	Public Works	870,000	30,000	0	0	0	840,000	0		
PW07.060	Western Hills/Larpenteur Area Streets	Public Works	5,980,000	200,000	5,780,000	0	0	0	0		
PW07.100	TH 36 - English Intersection Improvements	Public Works	14,800,000	0	800,000	1,000,000	500,000	12,500,000	0		
PW08.050	Lakewood/Sterling Area Streets	Public Works	2,430,000	200,000	0	2,230,000	0	0	0		
PW08.060	Crestview/Highwood Area Streets	Public Works	4,779,700	0	0	200,000	4,579,700	0	0		
PW08.070	Bartelmy Meyer Area Streets	Public Works	1,440,000	0	0	0	100,000	1,340,000	0		
PW08.080	Bartelmy Street, Minnehaha Ave. to Stillwater Rd.	Public Works	1,170,000	0	0	0	150,000	1,020,000	0		
PW08.100	Sterling Street,Londin Lane to Crestview Forest Dr	Public Works	770,000	0	100,000	670,000	0	0	0		
PW09.080	Farrell/Ferndale Area Street Improvements	Public Works	4,330,000	0	0	0	0	0	4,330,000		
					<b><u>37,777,200</u></b>	<b><u>430,000</u></b>	<b><u>6,680,000</u></b>	<b><u>4,125,000</u></b>	<b><u>5,354,700</u></b>	<b><u>15,850,000</u></b>	<b><u>5,337,500</u></b>
CD04.010	Gladstone Area Streetscape- Phase I	Redevelopment	5,300,000	0	5,300,000	0	0	0	0		
CD09.020	Gladstone - Phase II	Redevelopment	3,500,000	0	0	0	400,000	3,100,000	0		
CD09.030	Gladstone - Phase III	Redevelopment	5,750,000	0	0	0	0	0	5,750,000		
					<b><u>14,550,000</u></b>	<b><u>0</u></b>	<b><u>5,300,000</u></b>	<b><u>0</u></b>	<b><u>400,000</u></b>	<b><u>3,100,000</u></b>	<b><u>5,750,000</u></b>
					<b><u>66,805,385</u></b>	<b><u>1,070,000</u></b>	<b><u>17,212,230</u></b>	<b><u>7,573,800</u></b>	<b><u>8,930,400</u></b>	<b><u>19,871,145</u></b>	<b><u>12,147,810</u></b>

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

**Status:** Accepted

PROJECT NUMBER	PROJECT TITLE	NEIGHBORHOOD	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2011	2012	2013	2014	2015
PW07.060	Western Hills/Larpenteur Area Streets	01 - Western Hills	5,980,000	200,000	5,780,000	0	0	0	0
			<u>5,980,000</u>	<u>200,000</u>	<u>5,780,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
PW04.110	County Rd D Court, East of TH 61 to Hazelwood	04 - Hazelwood	1,007,500	0	0	0	0	0	1,007,500
			<u>1,007,500</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,007,500</u>
PM03.060	Joy Park Improvements	05 - Maplewood H	300,000	200,000	100,000	0	0	0	0
			<u>300,000</u>	<u>200,000</u>	<u>100,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
PW07.100	TH 36 - English Intersection Improvements	06 - Sherwood Gle	14,800,000	0	800,000	1,000,000	500,000	12,500,000	0
			<u>14,800,000</u>	<u>0</u>	<u>800,000</u>	<u>1,000,000</u>	<u>500,000</u>	<u>12,500,000</u>	<u>0</u>
CD04.010	Gladstone Area Streetscape- Phase I	07 - Gladstone	5,300,000	0	5,300,000	0	0	0	0
CD09.020	Gladstone - Phase II	07 - Gladstone	3,500,000	0	0	0	400,000	3,100,000	0
CD09.030	Gladstone - Phase III	07 - Gladstone	5,750,000	0	0	0	0	0	3,750,000
PM08.050	Gladstone Savanna Improvements	07 - Gladstone	1,700,000	0	1,200,000	0	250,000	0	250,000
			<u>16,250,000</u>	<u>0</u>	<u>6,500,000</u>	<u>0</u>	<u>650,000</u>	<u>3,100,000</u>	<u>4,000,000</u>
FD09.030	Fire Training Facility	08 - Hillside	3,700,000	30,000	570,000	3,100,000	0	0	0
PM11.020	Goodrich Park Improvements	08 - Hillside	500,000	0	100,000	0	400,000	0	0
			<u>4,200,000</u>	<u>30,000</u>	<u>670,000</u>	<u>3,100,000</u>	<u>400,000</u>	<u>0</u>	<u>0</u>
PM03.010	Lions Park Improvements	09 - Beaver Lake	350,000	300,000	50,000	0	0	0	0
PW08.070	Bartelmy Meyer Area Streets	09 - Beaver Lake	1,440,000	0	0	0	100,000	1,340,000	0
PW08.080	Bartelmy Street, Minnehaha Ave. to Stillwater Rd.	09 - Beaver Lake	1,170,000	0	0	0	150,000	1,020,000	0
PW09.080	Farrell/Ferndale Area Street Improvements	09 - Beaver Lake	4,330,000	0	0	0	0	0	4,200,100
			<u>7,290,000</u>	<u>300,000</u>	<u>50,000</u>	<u>0</u>	<u>250,000</u>	<u>2,360,000</u>	<u>4,200,100</u>
PW05.080	Pond Avenue/Dorland Road	11 - Vista Hills	870,000	30,000	0	0	0	840,000	0
PW08.060	Crestview/Highwood Area Streets	11 - Vista Hills	4,779,700	0	0	200,000	4,579,700	0	0
PW08.100	Sterling Street,Londin Lane to Crestview Forest Dr	11 - Vista Hills	770,000	0	100,000	670,000	0	0	0
			<u>6,419,700</u>	<u>30,000</u>	<u>100,000</u>	<u>870,000</u>	<u>4,579,700</u>	<u>840,000</u>	<u>0</u>
PM11.010	Fish Creek Open Space	12 - Highwood	4,250,000	0	2,250,000	0	2,000,000	0	0
PW08.050	Lakewood/Sterling Area Streets	12 - Highwood	2,430,000	200,000	0	2,230,000	0	0	0
			<u>6,680,000</u>	<u>200,000</u>	<u>2,250,000</u>	<u>2,230,000</u>	<u>2,000,000</u>	<u>0</u>	<u>0</u>
FD03.020	Replacement of Fire Truck	Not Designated	449,730	0	449,730	0	0	0	0
FD06.020	Replacement of Fire Truck	Not Designated	481,280	0	0	0	0	0	481,280
FD08.010	Ambulance Replacement	Not Designated	117,500	0	117,500	0	0	0	0
FD09.020	Ambulance Replacement	Not Designated	121,025	0	0	0	0	121,025	0
IT09.010	Phone System	Not Designated	120,000	0	0	0	120,000	0	0
IT09.020	Fiber Optics	Not Designated	300,800	0	0	0	0	300,800	0
MT10.030	MCC Exercise Equipment	Not Designated	59,000	0	0	0	0	59,000	0
MT08.040	MCC Exterior Metal Painting	Not Designated	120,000	0	0	0	60,000	60,000	0
PM10.010	Wetland Enhancement Program	Not Designated	125,000	50,000	25,000	0	0	50,000	0
PM07.010	Community Field Upgrades	Not Designated	160,000	35,000	25,000	25,000	25,000	25,000	25,000
PM08.040	Park Equipment, Fence and Court Replacement	Not Designated	125,000	25,000	20,000	20,000	20,000	20,000	20,000
PW11.010	Cab for Jacobsen Mower	Not Designated	18,000	0	0	18,000	0	0	0
PW11.020	Jetter Truck	Not Designated	185,000	0	0	185,000	0	0	0
PW11.030	Parallelogram Lift	Not Designated	114,320	0	0	0	0	114,320	0
PW11.040	Single Axle Plow Truck	Not Designated	185,730	0	0	0	0	0	185,730
PW03.210	Lift Station Upgrade Program	Not Designated	200,000	0	0	25,000	25,000	150,000	0

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

**Status:** Accepted

PROJECT NUMBER	PROJECT TITLE	NEIGHBORHOOD	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2011	2012	2013	2014	2015
PW06.010	Two Toro Lawn Mowers and Two Trailers	Not Designated	86,200	0	0	0	86,200	0	0
PW06.060	One Tractor Loader and Three Wheel Truckster	Not Designated	82,500	0	0	0	82,500	0	0
PW06.070	One Snow Plow Truck	Not Designated	171,000	0	0	0	0	171,000	0
PW07.030	1-Ton Truck	Not Designated	71,200	0	0	0	71,200	0	0
PW09.010	Jet/Vac Truck	Not Designated	325,000	0	325,000	0	0	0	0
PW09.020	Two Toro Mowers and One 4-Wheel Truckster	Not Designated	98,300	0	0	0	0	0	98,300
PW09.030	One 1 ton One 1 1/2 ton and One 1/2 ton Trucks	Not Designated	161,600	0	0	100,800	60,800	0	0
			<b>3,878,185</b>	<b>110,000</b>	<b>962,230</b>	<b>373,800</b>	<b>550,700</b>	<b>1,071,145</b>	<b>810,310</b>
			<b>66,805,385</b>	<b>1,070,000</b>	<b>17,212,230</b>	<b>7,573,800</b>	<b>8,930,400</b>	<b>19,871,145</b>	<b>10,017,910</b>

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

**Status:** Declined

PROJECT NUMBER	PROJECT TITLE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
				2011	2012	2013	2014	2015
CD02.010	Housing Replacement Program	825,000	0	75,000	150,000	200,000	200,000	200,000
CD04.030	Hillcrest Area Roadway Improvements	1,500,000	0	0	0	0	1,500,000	0
CD04.040	Hillcrest Area Redevelopment	1,100,000	0	0	100,000	0	1,000,000	0
CD04.050	Hillcrest Area Streetscape	1,700,000	0	0	0	0	1,700,000	0
CD09.010	Commercial Property Redevelopment	1,000,000	0	200,000	200,000	200,000	200,000	200,000
		<b>6,125,000</b>	<b>0</b>	<b>275,000</b>	<b>450,000</b>	<b>400,000</b>	<b>4,600,000</b>	<b>400,000</b>
FD10.010	Replacement of Fire Station	3,300,000	0	0	0	0	0	3,300,000
FD09.010	Ambulance Replacement	124,660	0	0	0	0	0	124,660
		<b>3,424,660</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,424,660</b>
MT10.010	MCC ETS Ultra Violet Treatment System (UVTS)	90,000	0	45,000	45,000	0	0	0
MT10.020	Maplewood Community Center Aquatic Lighting	42,600	0	0	0	0	0	42,600
MT08.010	City Facilities Security Systems Enhancement	180,000	60,000	0	0	40,000	40,000	40,000
MT08.090	MCC Gym Roof	215,350	0	0	0	0	0	215,350
MT08.110	MCC Lap/Leisure Pool Finish	195,000	0	108,000	0	0	0	87,000
MT08.120	MCC Boilers (3)	73,400	0	0	0	0	0	73,400
MT08.130	Public Works Carpeting	61,000	0	0	0	0	0	61,000
MT08.140	MCC Carpet	163,400	0	0	0	63,000	40,000	60,400
MT08.150	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	53,700	0
MT09.010	MCC Pool Sand Filter	141,100	0	0	0	0	82,400	58,700
		<b>11,615,550</b>	<b>60,000</b>	<b>153,000</b>	<b>45,000</b>	<b>103,000</b>	<b>216,100</b>	<b>11,038,450</b>
PM10.020	Implementation of Non-Degradation	630,000	280,000	50,000	75,000	75,000	75,000	75,000
PM10.030	City Campus Improvements	365,000	40,000	70,000	165,000	35,000	35,000	20,000
PM10.040	Gethsemane Park	1,260,000	0	0	1,260,000	0	0	0
PM07.100	Parks - Trail Development	180,000	0	0	0	60,000	60,000	60,000
PM08.060	Open Space Improvements	200,000	50,000	30,000	30,000	30,000	30,000	30,000
PM09.010	Neighborhood Parks	100,000	100,000	0	0	0	0	0
		<b>2,735,000</b>	<b>470,000</b>	<b>150,000</b>	<b>1,530,000</b>	<b>200,000</b>	<b>200,000</b>	<b>185,000</b>
PW10.010	Montana / Nebraska Area Streets	3,340,000	0	0	0	0	200,000	3,140,000
PW11.050	Emergency Generator	70,000	0	0	0	0	0	70,000
PW11.070	East Shore Drive Area Streets	4,000,000	0	0	0	0	200,000	3,800,000
PW11.080	Signal System at Southlawn/Mall Entrance	250,000	0	0	250,000	0	0	0
PW11.090	Arkwright/Sunrise Area Streets	4,780,000	0	0	200,000	4,580,000	0	0
PW02.120	City Landfill Closure	325,000	0	325,000	0	0	0	0
PW03.130	Beebe Road, Holloway - Larpenteur	850,000	0	0	0	0	100,000	741,000
PW03.160	City-wide Sidewalk Improvements	210,000	0	42,000	42,000	42,000	42,000	42,000
PW03.180	Sanitary Sewer Pipe Lining/Sealing Program	500,000	0	100,000	100,000	100,000	100,000	100,000
PW03.190	Sanitary Sewer Sump Pump Removal Program	300,000	0	100,000	100,000	100,000	0	0
PW06.100	Carver Crossings Area Improvements	2,600,000	0	0	2,600,000	0	0	0
PW06.130	Edgerton/Roselawn Drainage Improvements	1,240,000	0	0	0	0	0	1,240,000
PW06.150	County Rd C Area Streets, TH 61 to White Bear Ave.	3,870,000	80,000	0	0	320,000	3,470,000	0
PW08.020	One Jacobsen Lawn Mower	61,200	0	0	0	0	0	61,200
PW08.030	Two 1/2 Ton Pickup Trucks	58,000	0	0	0	0	0	58,000
PW08.110	Signal System at County Road D and Hazelwood	280,000	0	0	0	0	280,000	0
PW09.040	One Tandem Axle Snow Plow Truck	239,000	0	0	0	0	239,000	0
PW09.060	Gerten Pond Drainage Improvements	800,000	0	0	100,000	700,000	0	0
PW09.070	Ferndale/Ivy Area Street Improvements	2,120,000	0	0	0	0	0	1,948,400
PW09.100	Dennis/McClelland Area Street Improvements	4,440,000	0	0	0	0	200,000	4,106,800
		<b>30,333,200</b>	<b>80,000</b>	<b>567,000</b>	<b>3,392,000</b>	<b>5,842,000</b>	<b>4,831,000</b>	<b>15,307,400</b>
		<b>54,233,410</b>	<b>610,000</b>	<b>1,145,000</b>	<b>5,417,000</b>	<b>6,545,000</b>	<b>9,847,100</b>	<b>30,355,510</b>

## 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.
- **Various Requests for Trucks, Lawn Mowers, etc.** – This equipment will continue to need periodic replacement and other similar requests are included in the CIP. These projects are indicative of a need to keep replacements down to an only-as-needed basis.
- **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/repair of Fire Station** – This item will need to be addressed in the coming years, as a couple of stations need to be brought up to code and major repairs to roof areas and internal areas need attention. This item was deferred due to the high cost and a lack of funding identified. The Fire Chief will be conducting a station feasibility study to determine warrants for replacement.
- **Police Department and Public Works Carpeting** – The carpet in these areas are showing wear. Staff believes this need needs to be deferred for a few more years due to the lack of funding.
- **Community Center Gym Roof, Pool Area Sand Filter, Aquatic Lighting, Lap/Leisure Pool, Boilers, Carpet and Ultra-violet Treatment System** – Numerous maintenance initiatives are recommended for the Community Center. Staff believes the financing for replacement items at MCC need to be discussed as a new method of funds are identified, as the current MCC operational revenue does not sustain these larger maintenance costs.
- **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.
- **City Landfill Closure** – Staff continues to monitor the landfill and work with authorities. When closure is mandated, this will be added to the next CIP.
- **Signal System at County Rd. D and Hazelwood** – 3 way stop signs are installed and are effective. Signal lights are not yet warranted.

- **Park Projects** – The source of funding for expansion of the parks system has been diminishing and with the economic slow-down, has become minimal. A new source of funding for parks and park amenities needs to be identified. The following projects were deferred due to funding limitations:
  - Gethsemane Park – this proposal for improvements will not proceed until a development proposal is brought forward. An alternative plan for purchasing the property may be explored.
  - Trail Development – this program is being deferred due to lack of funding. The trail plan will be implemented with street improvement projects.
  - Neighborhood Parks – this program is being deferred due to lack of funding and funding priorities directed to major park improvements.
  - Goodrich Park – the proposed expansion and improvements to Goodrich Park needed to be reduced by approximately 50% due to limited available funding and priorities in existing projects.
  - Joy Park – the proposed continuation of improvements to Joy Park were reduced by 50% due to limited funding and priorities in existing projects.
- **Various Street Improvements** – The following street improvement projects are deferred to 2016 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:
  - East Shore Drive Area Streets
  - Montana/Nebraska Area Streets
  - Carver Crossings Area Improvements
  - County Rd C Area Streets, TH 61 to White Bear Avenue
  - Beebe Road, Holloway to Larpenteur
  - City-wide sidewalk improvements
  - Ferndale/Ivy Area Street Improvements
  - Dennis/McClelland Area Street Improvements
- **Edgerton – Roselawn Storm Sewer** – Due to funding limitations for this large and expensive project, along with the controversial nature of the improvements, this project has been deferred out of the next 5-year period.

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

	2011	2012	2013	2014	2015
<u>Revenues</u>					
Ambulance fees	\$2,797,328	\$2,881,247	\$2,967,685	\$3,056,715	\$3,148,417
Other	3,400	3,400	3,400	3,400	3,400
State fire aid	74,000	74,000	74,000	74,000	74,000
Total revenues	2,874,728	2,958,647	3,045,085	3,134,115	3,225,817
<u>Expenses:</u>					
Administration	360,754	367,969	375,328	382,835	390,491
Billing	74,266	75,752	77,267	78,812	80,388
Personnel	1,627,583	1,660,135	1,693,338	1,727,205	1,761,749
Commodities	167,025	170,366	173,773	177,248	180,793
Contractual	332,010	338,650	345,423	352,332	359,378
Depreciation	60,435	61,644	62,877	64,134	65,417
Interest on interfund loans	33,099	33,761	34,436	35,125	35,827
Total expenses	2,655,172	2,708,276	2,762,441	2,817,690	2,874,044
Income before other financing uses	219,555	250,372	282,644	316,425	351,773
Other financing uses:					
Transfers in (out)					
Employee Benefits Fund	0	0	0	0	0
Proceeds from capital notes	0	0	0	0	0
Change in net assets	219,555	250,372	282,644	316,425	351,773
Net assets - January 1	884,310	1,103,865	1,354,237	1,636,881	1,953,306
Net assets - December 31	\$1,103,865	\$1,354,237	\$1,636,881	\$1,953,306	\$2,305,079

**CITY OF MAPLEWOOD, MINNESOTA  
AMBULANCE SERVICE FUND (606)  
STATEMENT OF CASH FLOWS**

	2011	2012	2013	2014	2015
Net cash flows from operating activities	\$ 239,089	\$ 271,776	\$ 305,956	\$ 341,684	\$ 379,017
Net cash flows from noncapital financing activities	(121,589)	(271,777)	(305,956)	(220,660)	(342,768)
Net cash flows from capital and related financing activities	(117,500)	0	0	(121,025)	0
Net cash flows from investing activities	0	0	0	0	0
Net increase (decrease) in cash and cash equivalents	0	(1)	0	(1)	36,249
Cash and cash equivalents - January 1	0	0	0	0	0
Cash and cash equivalents - December 31	\$0	(\$0)	\$0	(\$0)	\$36,248
Due to Other Funds	\$1,298,012	\$985,996	\$640,476	\$380,941	\$0
Cash & Cash Equivalents	0	(0)	0	(0)	36,248
Accounts Receivable - Net	2,037,573	2,037,573	2,037,573	2,037,573	2,037,573
Property Taxes Receivable	352	352	352	352	352
Special Assessments Receivable	1,770	1,770	1,770	1,770	1,770
Prepaid Expenses	0	0	0	0	0
Capital Assets	1,092,876	1,210,376	1,210,376	1,210,376	1,331,401
Acquisitions per CIP	117,500	0	0	121,025	0
Allowance for Depreciation	(687,251)	(748,895)	(811,771)	(875,905)	(941,322)
Total Assets	2,562,820	2,501,176	2,438,300	2,495,190	2,466,022
Due to Other Funds	(1,298,012)	(985,996)	(640,476)	(380,941)	0
Due to Other Govts.	(11,098)	(11,098)	(11,098)	(11,098)	(11,098)
Accounts Payable	(75,108)	(75,108)	(75,108)	(75,108)	(75,108)
Salaries Payable	(17,955)	(17,955)	(17,955)	(17,955)	(17,955)
Unearned Revenue	(12)	(12)	(12)	(12)	(12)
Total Liabilities	(1,402,185)	(1,090,169)	(744,649)	(485,114)	(104,173)
Net Assets	1,160,635	1,411,007	1,693,651	2,010,076	2,361,849

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

ACCT. NO.		2011	2012	2013	2014	2015
	<u>Property Taxes:</u>					
3011	Current	\$0	\$58,480	\$45,060	\$45,060	\$45,060
3012	Delinquent	0	0	0	0	0
3017	Interest	0	0	0	0	0
	<u>Special Assessments:</u>					
3130	Delinquent	0	0	0	0	0
3160	Penalties and interest	0	0	0	0	0
	<u>Intergovernmental:</u>					
3523	State homestead market value credit	0	0	0	0	0
3530	Miscellaneous state grant (DNR)	0	0	0	0	0
3544	Cable commission grant	0	0	0	0	0
	<u>Miscellaneous Revenue:</u>					
3801	Investment earnings	2,780	730	20	20	20
3804	Sale of property	0	0	0	0	0
3809	Other	0	0	0	0	0
	Total revenues	<u>2,780</u>	<u>59,210</u>	<u>45,080</u>	<u>45,080</u>	<u>45,080</u>
	<u>Expenditures:</u>					
4490	Fees consulting	0	0	0	0	0
4640	Police video system for cars	0	0	0	0	0
4640	City hall security system enhancement	0	0	0	0	0
4720	City hall campus improvements	0	0	0	0	0
4720	Park equipment, fence and court replacement	20,000	20,000	20,000	20,000	20,000
4720	Community field upgrades	25,000	25,000	25,000	25,000	25,000
4730	Fire training facility	60,000	50,000	0	0	0
4759	City-wide sidewalk improvements	0	0	0	0	0
4920	Interest on interfund loans	0	0	0	0	0
4930	Investment management fees	180	50	0	0	0
	Total expenditures	<u>105,180</u>	<u>95,050</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>
	Excess (deficit) of revenue over expenditures	(102,400)	(35,840)	80	80	80
	Other financing uses:					
	Transfers in (out)					
	Environmental Utility Fund	0	0	0	0	0
	General Fund	0	0	0	0	0
	Enhanced 911 Fund	0	0	0	0	0
	Net increase (decrease) in fund balance	(102,400)	(35,840)	80	80	80
	Fund balance - January 1	<u>138,991</u>	<u>36,591</u>	<u>751</u>	<u>831</u>	<u>911</u>
	Fund balance - December 31	<u>\$36,591</u>	<u>\$751</u>	<u>\$831</u>	<u>\$911</u>	<u>\$991</u>

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

ACCT NO.	2011	2012	2013	2014	2015
<u>Operating revenues:</u>					
3651 Environmental utility charges	\$1,942,156	\$2,136,371	\$2,350,008	\$2,467,509	\$2,590,884
Total revenues	<u>1,942,156</u>	<u>2,136,371</u>	<u>2,350,008</u>	<u>2,467,509</u>	<u>2,590,884</u>
<u>Operating expenses:</u>					
Administration	71,482	72,912	74,370	75,857	77,374
Billing	37,059	37,800	38,556	39,327	40,114
Nature center	80,258	81,863	83,500	85,170	86,874
Storm sewer maintenance	681,912	695,550	709,461	723,650	738,123
Street sweeping	195,401	199,309	203,295	207,361	211,508
Depreciation	407,930	416,089	424,410	432,899	441,557
Total expenses	<u>1,474,042</u>	<u>1,503,523</u>	<u>1,533,593</u>	<u>1,564,265</u>	<u>1,595,550</u>
Operating income (loss)	468,114	632,848	816,415	903,244	995,334
<u>Nonoperating revenues (expenses):</u>					
3801 Investment earnings	5,210	1,130	15,510	29,600	50,460
3544 Grants	0	0	0	0	0
Miscellaneous income	0	0	0	0	0
Interest on interfund loans	0	0	0	0	0
4930 Investment management fees	(340)	(70)	(1,010)	(1,920)	(3,280)
3899 Gain (loss) on disposal of capital assets	0	0	0	0	0
Total nonoperating revenues (expenses)	<u>4,870</u>	<u>1,060</u>	<u>14,500</u>	<u>27,680</u>	<u>47,180</u>
Income before contributions and transfers	472,984	633,908	830,915	930,924	1,042,514
<u>Transfers in (out):</u>					
Public Improvement Projects Fund	(2,185,000)	(175,000)	(396,000)	(166,500)	(108,000)
Add back amounts bonded for	1,100,000	0	0	0	0
Capital Improvements Projects Fund	0	0	0	0	0
Debt Service Fund	0	(155,700)	(155,170)	(154,410)	(153,390)
Employee Benefits Fund	0	0	0	0	0
Capital contributions	0	0	0	0	0
Change in net assets	(612,016)	303,208	279,745	610,014	781,124
Net assets - January 1	<u>14,932,728</u>	<u>14,320,712</u>	<u>14,623,920</u>	<u>14,903,665</u>	<u>15,513,678</u>
Net assets - December 31	<u>\$14,320,712</u>	<u>\$14,623,920</u>	<u>\$14,903,665</u>	<u>\$15,513,678</u>	<u>\$16,294,802</u>

CITY OF MAPLEWOOD, MINNESOTA  
**ENVIRONMENTAL UTILITY FUND (604)**  
STATEMENT OF CASH FLOWS

	2011	2012	2013	2014	2015
Net cash flows from operating activities	\$ 876,044	\$ 1,048,937	\$ 1,240,825	\$ 1,336,142	\$ 1,436,890
Net cash flows from noncapital financing activities	-	-	-	-	-
Net cash flows from capital and related financing activities	(1,085,000)	(330,700)	(551,170)	(320,910)	(261,390)
Net cash flows from investing activities	4,870	1,060	14,500	27,680	47,180
Net increase (decrease) in cash and cash equivalents	(204,086)	719,297	704,155	1,042,912	1,222,680
Cash and cash equivalents - January 1	260,494	56,408	775,704	1,479,860	2,522,772
Cash and cash equivalents - December 31	<u>\$56,408</u>	<u>\$775,704</u>	<u>\$1,479,860</u>	<u>\$2,522,772</u>	<u>\$3,745,452</u>

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

ACCT. NO.	2011	2012	2013	2014	2015
<u>Property Taxes:</u>					
3011 Current	\$86,280	\$86,280	\$86,280	\$86,280	\$86,280
3012 Delinquent	0	0	0	0	0
3017 Interest	0	0	0	0	0
<u>Miscellaneous Revenue:</u>					
3801 Investment earnings	9,460	2,370	4,140	5,940	7,780
Total revenues	95,740	88,650	90,420	92,220	94,060
<u>Expenditures:</u>					
4610 Fire trucks	449,730	0	0	0	481,280
4930 Investment management fees	610	150	270	390	510
Total expenditures	450,340	150	270	390	481,790
Excess (deficit) of revenue over expenditures	(354,600)	88,500	90,150	91,830	(387,730)
Other financing uses:					
Transfers in (out) From General Fund	0	0	0	0	0
Net increase (decrease) in fund balance	(354,600)	88,500	90,150	91,830	(387,730)
Fund balance - January 1	472,970	118,370	206,870	297,020	388,850
Fund balance - December 31	\$118,370	\$206,870	\$297,020	\$388,850	\$1,120

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

	2011	2012	2013	2014	2015
<u>Operating Revenues:</u>					
Billings to departments	\$880,490	\$898,100	\$916,060	\$934,380	\$953,070
Miscellaneous	57,000	58,140	59,300	60,490	61,700
Total revenues	937,490	956,240	975,360	994,870	1,014,770
<u>Operating Expenses:</u>					
Personnel services	279,270	284,860	290,560	296,370	302,300
Materials and supplies	168,980	172,360	175,810	179,330	182,920
Contractual services	124,810	127,310	129,860	132,460	135,110
Total expenses	573,060	584,530	596,230	608,160	620,330
Operating income (loss) before depreciation	364,430	371,710	379,130	386,710	394,440
<u>Other revenues (expenses):</u>					
Investment earnings	4,500	5,370	6,830	8,520	10,710
Gain/(loss) on disposal of fixed assets	0	0	0	0	0
Miscellaneous	0	0	0	0	0
Depreciation	(232,790)	(237,450)	(242,200)	(247,040)	(251,980)
Investment management fees	(480)	(490)	(500)	(510)	(520)
Total other revenues	(228,770)	(232,570)	(235,870)	(239,030)	(241,790)
Income before transfers and credits	135,660	139,140	143,260	147,680	152,650
<u>Transfers in (out)</u>					
From Employee Benefits Fund	0	0	0	0	0
Credit arising from transfer of depreciation to contributed capital	0	0	0	0	0
Increase (decrease) in retained earnings	135,660	139,140	143,260	147,680	152,650
Net assets - January 1	1,714,335	1,849,995	1,989,135	2,132,395	2,280,075
Net assets - December 31	\$1,849,995	\$1,989,135	\$2,132,395	\$2,280,075	\$2,432,725

CITY OF MAPLEWOOD, MINNESOTA  
**FLEET MANAGEMENT FUND (702)**  
STATEMENT OF CASH FLOWS

	2011	2012	2013	2014	2015
<u>Sources of cash:</u>					
Net income (loss)	\$135,660	\$139,140	\$143,260	\$147,680	\$152,650
Add depreciation	232,790	237,450	242,200	247,040	251,980
Decrease in current assets	0	0	0	0	0
Increase in current liabilities	0	0	0	0	0
Proceeds on sale of fixed assets	0	0	0	0	0
<b>Total</b>	<b>368,450</b>	<b>376,590</b>	<b>385,460</b>	<b>394,720</b>	<b>404,630</b>
<u>Applications of cash:</u>					
Purchase of fixed assets	325,000	303,800	300,700	285,320	284,030
Increase in current assets	0	0	0	0	0
Decrease in current liabilities	0	0	0	0	0
Transfers out	0	0	0	0	0
	325,000	303,800	300,700	285,320	284,030
Net increase (decrease) in cash	43,450	72,790	84,760	109,400	120,600
Cash and cash equivalents - January 1	225,061	268,511	341,301	426,061	535,461
<b>Cash and cash equivalents - December 31</b>	<b>\$268,511</b>	<b>\$341,301</b>	<b>\$426,061</b>	<b>\$535,461</b>	<b>\$656,061</b>

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

ACCT. NO.	2011	2012	2013	2014	2015
<u>Property Taxes:</u>					
3011	\$0	\$0	\$0	\$0	\$0
3012	0	0	0	0	0
3017	0	0	0	0	0
<u>Intergovernmental Revenue:</u>					
3544	0	0	0	0	0
<u>Miscellaneous Revenue:</u>					
3801	15,430	6,070	9,040	4,150	7,170
3851	417,800	142,800	397,000	147,000	401,200
3852	0	0	0	0	0
Total revenues	433,230	148,870	406,040	151,150	408,370
<u>Expenditures:</u>					
4480	0	0	0	0	0
4490	0	0	0	0	0
4530	0	0	0	0	0
4720	900,000	0	650,000	0	250,000
4730	0	0	0	0	0
4751	0	0	0	0	0
4930	1,000	390	590	270	470
4950	0	0	0	0	0
4960	0	0	0	0	0
Total expenditures	901,000	390	650,590	270	250,470
Excess (deficit) of revenue over expenditures	(467,770)	148,480	(244,550)	150,880	157,900
Other financing uses:					
Transfers in from Public Improvement Project Fund	0	0	0	0	0
Net increase (decrease) in fund balance	(467,770)	148,480	(244,550)	150,880	157,900
Fund balance - January 1	771,466	303,696	452,176	207,626	358,506
Fund balance - December 31	\$303,696	\$452,176	\$207,626	\$358,506	\$516,406

CITY OF MAPLEWOOD, MINNESOTA  
**REDEVELOPMENT FUND (430)**  
STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE

ACCT. NO.	2011	2012	2013	2014	2015
<u>Intergovernmental Revenue:</u>					
3011 Taxes	\$49,370	\$0	\$0	\$0	\$0
3012 Taxes delinquent	0	0	0	0	0
3017 Taxes interest	0	0	0	0	0
3523 State homestead market value credit	0	0	0	0	0
3544 Other Govt - Misc Grants	0	0	0	0	0
<u>Miscellaneous Revenues:</u>					
3801 Investment earnings	0	0	0	0	0
3802 Rent	0	0	0	0	0
3804 Sale of property	0	0	0	0	0
3809 Miscellaneous	0	0	0	0	0
Total Revenues	49,370	0	0	0	0
<u>Expenditures:</u>					
4120 Program supplies	0	0	0	0	0
4480 Fees for service	0	0	0	0	0
4490 Consulting	0	0	0	0	0
4710 Land purchase	0	0	0	0	0
4720 Land improvement	0	0	0	0	0
4752 Outside engineering fees	0	0	0	0	0
4920 Interest on interfund loans	970	0	0	0	0
4930 Investment management fees	0	0	0	0	0
Total Expenditures	970	0	0	0	0
Excess (deficit) of revenue over expenditures	48,400	0	0	0	0
Other financing uses:					
Transfers in (out)					
To General Fund	0	0	0	0	0
To Park Development Fund	0	0	0	0	0
Net increase (decrease) in fund balance	48,400	0	0	0	0
Fund balance - January 1	(48,352)	48	48	48	48
Fund balance - December 31	\$48	\$48	\$48	\$48	\$48

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

	2011	2012	2013	2014	2015
<u>Operating revenues:</u>					
Sewer permits	\$4,300	\$4,300	\$4,300	\$4,300	\$4,300
Sewer billings	4,854,387	5,000,019	5,150,019	5,304,520	5,463,655
Connection charges	0	0	0	0	0
Total revenues	<u>4,858,687</u>	<u>5,004,319</u>	<u>5,154,319</u>	<u>5,308,820</u>	<u>5,467,955</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	2,647,522	2,700,473	2,754,482	2,809,572	2,865,763
Maintenance	804,086	820,168	836,571	853,303	870,369
Depreciation	366,751	374,086	381,568	389,199	396,983
Total expenses	<u>4,185,631</u>	<u>4,269,344</u>	<u>4,354,731</u>	<u>4,441,825</u>	<u>4,530,662</u>
Operating income (loss)	673,056	734,975	799,588	866,994	937,293
<u>Nonoperating revenues (expenses):</u>					
Special assessment penalties & interest	0	0	0	0	0
Investment earnings	10,690	7,000	22,890	33,880	50,490
Miscellaneous revenues	0	0	0	0	0
Miscellaneous expenses	0	0	0	0	0
Gain/(loss) on disposal of property	0	0	0	0	0
Investment management fees	(690)	(460)	(1,490)	(2,200)	(3,280)
Total nonoperating revenues (expenses)	<u>10,000</u>	<u>6,540</u>	<u>21,400</u>	<u>31,680</u>	<u>47,210</u>
Net income before contributions and transfers	683,056	741,515	820,988	898,674	984,503
<u>Transfers in (out):</u>					
Public Improvement Projects Fund	(1,102,000)	(189,000)	(521,000)	(325,500)	(358,000)
Debt Service Fund	(132,140)	(132,140)	(132,140)	(132,140)	(132,140)
Employee Benefits Fund	0	0	0	0	0
Sewer Lift Station #18 Project	0	0	0	0	0
Capital contributions	0	0	0	0	0
Change in fund equity	(551,084)	420,375	167,848	441,034	494,363
Net assets - January 1	<u>11,958,161</u>	<u>11,407,077</u>	<u>11,827,451</u>	<u>11,995,300</u>	<u>12,436,334</u>
Net assets - December 31	<u>\$11,407,077</u>	<u>\$11,827,451</u>	<u>\$11,995,300</u>	<u>\$12,436,334</u>	<u>\$12,930,697</u>

CITY OF MAPLEWOOD, MINNESOTA  
**SANITARY SEWER FUND (601)**  
STATEMENT OF CASH FLOWS

	2011	2012	2013	2014	2015
Net cash flows from operating activities	\$1,039,807	\$1,109,061	\$1,181,156	\$1,256,194	\$1,334,277
Net cash flows from noncapital financing activities	0	0	0	0	0
Net cash flows from capital and related financing activities	(1,234,140)	(321,140)	(653,140)	(457,640)	(490,140)
Net cash flows from investing activities	10,000	6,540	21,400	31,680	47,210
Net increase (decrease) in cash and cash equivalents	(184,333)	794,461	549,416	830,234	891,347
Cash and cash equivalents - January 1	534,549	350,216	1,144,677	1,694,093	2,524,327
Cash and cash equivalents - December 31	<u>\$350,216</u>	<u>\$1,144,677</u>	<u>\$1,694,093</u>	<u>\$2,524,327</u>	<u>\$3,415,673</u>

CITY OF MAPLEWOOD, MINNESOTA  
**WATER AVAILABILITY CHARGE FUND -- NORTH ST. PAUL WATER DISTRICT (408**  
 STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

ACCT. NO.	2011	2012	2013	2014	2015
<u>Miscellaneous Revenue:</u>					
3651 Utility billings	\$11,495	\$12,645	\$13,909	\$15,300	\$16,830
3801 Investment earnings	570	810	1,080	1,380	1,710
3808 Water availability charge	0	0	0	0	0
Total revenues	12,065	13,455	14,989	16,680	18,540
<u>Expenditures:</u>					
4485 Fees for utility billing	0	0	0	0	0
4759 Capital projects	0	0	0	0	0
4930 Investment management fees	40	50	70	90	110
Total expenditures	40	50	70	90	110
Excess (deficit) of revenue over expenditures	12,025	13,405	14,919	16,590	18,430
Other financing sources (uses): Transfers in (out):	0	0	0	0	0
Fund balance - January 1	28,483	40,508	53,913	68,831	85,421
Fund balance - December 31	\$40,508	\$53,913	\$68,831	\$85,421	\$103,851

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

ACCT. NO.	2011	2012	2013	2014	2015	
<u>Miscellaneous Revenue:</u>						
3651	Utility billings	\$113,740	\$125,114	\$137,625	\$151,388	\$166,527
3801	Investment earnings	0	1,460	2,920	1,950	2,010
3808	Water availability charge	45,360	45,360	45,360	45,360	45,360
Total revenues		159,100	171,934	185,905	198,698	213,897
<u>Expenditures:</u>						
4485	Fees for utility billing	2,220	2,220	2,220	2,220	2,220
4920	Interest on interfund loans	(1,030)	0	0	0	0
4930	Investment management fees	0	90	190	130	130
Total expenditures		1,190	2,310	2,410	2,350	2,350
Excess (deficit) of revenue over expenditures		157,910	169,624	183,495	196,348	211,547
Other financing sources (uses):						
Transfers in (out):						
	From PIP Fund	0	0	0	0	0
	To PIP Fund	(179,400)	(7,290)	(143,100)	(104,400)	(63,600)
	Add back amounts bonded for	179,400	0	0	0	0
	To Debt Service Fund	(33,460)	(89,280)	(89,010)	(88,640)	(88,130)
Net increase (decrease) in fund balance		124,450	73,054	(48,615)	3,308	59,817
Fund balance - January 1		(51,490)	72,960	146,014	97,399	100,707
Fund balance - December 31		\$72,960	\$146,014	\$97,399	\$100,707	\$160,524

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