



**City of Maplewood  
Capital Improvement Plan  
2015-2019**



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**CITY OF MAPLEWOOD, MINNESOTA**  
**PRINCIPAL CITY OFFICIALS**

JANUARY 2014

**CITY COUNCIL**

NORA SLAWIK, MAYOR  
Term Expires 12-31-2017

KATHLEEN JUENEMANN, COUNCILMEMBER  
Term Expires 12-31-2017

MARYLEE ABRAMS, COUNCILMEMBER  
Term Expires 12-31-2017

ROBERT CARDINAL, COUNCILMEMBER  
Term Expires 01-04-2016

MARV KOPPEN, COUNCILMEMBER  
Term Expires 01-04-2016

**CITY MANAGERIAL STAFF**

<u>Employee</u>	<u>Position</u>	<u>Date Appointed</u>
Melinda Coleman	Interim City Manager	May 31, 2014
Melinda Coleman	Assistant City Manager	August 12, 2013
Melinda Coleman	Director of Environmental & Economic Development	August 12, 2013
Gayle Bauman	Finance Director	May 13, 2013
DuWayne Konewko	Director of Parks & Recreation	January 1, 2011
Mychal Fowlds	Director of Information Technology	February 6, 2006
Karen Guilfoile	Director of Citizen Services	August 5, 1996
Steve Lukin	Fire Chief	March 17, 2000
Michael Thompson	Director of Public Works	June 4, 2012
Paul Schnell	Police Chief	July 29, 2013

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Mayor and City Council

Honorable Mayor and Council Members:

The 2015 – 2019 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; including its buildings and streets/infrastructure, redevelopment as well as the continued implementation of investment into Public Safety facilities. In previous years (2007-2012), the City focused most of its resources on expanding its street improvement program, including adding a once-in-a-decade interchange improvement at TH 36-English. Because there are many needs in the City including Public Safety, redevelopment, the Community Center and the desire to control City debt, not as many resources can be allocated to street improvements. The plan is to complete one street project per year.

Many of the projects scheduled for 2015-2019 will result in the accomplishment of several City goals that are as follows:

1. The Gladstone redevelopment initiative is reflected in this plan. Major improvements totaling \$7,605,000 are planned for Phase II. This phase includes improvements to Frost Avenue from Phalen Place to English Street, redevelopment of the Maplewood Bowl site and further restoration work of the Gladstone Savanna.
2. A new city initiative under the direction of the Housing and Economic Development Commission is the Commercial Property Redevelopment Program. If a commercial property deteriorates to the point of becoming a detriment or an eyesore, it will have an effect on the surrounding area. Other property owners may not be motivated to care for or to improve their properties if they live near or next to a rundown property. The cost estimate is based on the premise of purchasing a minimum of one property every other year until the goals of the program change. It is anticipated that the EDA function of property resale is net neutral.
3. Continuation of the revamping and consolidation of fire service that provides for enhanced fire delivery over the next 40 – 50 years for Maplewood. As the construction of a new Fire Station at 3M allows for the abandonment of the stations on Century Avenue and on Londin Lane, the consolidation of service also provides for the abandonment of the Fire Station on McMenemy Road. The sale of these old stations and the property, which are in need of repair, should generate funds for the remodeling needed at the Hazelwood and Gladstone fire stations.
4. Completion of the East Metro Public Safety Training Facility. This facility will allow firefighters to enhance their skills in a safe environment. Much of the cost of this facility is proposed to be financed with grants including the grant of the land from MnDOT along with an allocation of state bonding funds.
5. Implementation of an Asset Management Plan for the Maplewood Community Center (MCC). \$5.2 million dollars of repairs over the next five years have been identified for the MCC. The City is considering issuing Tax Abatement Bonds to fund the required maintenance issues. This

increased allocation to MCC comes at the expense of replacement funding for projects at City Hall as well as within the Park Development Fund.

6. The Park Development Fund is continuing to show a slow down of revenues as the housing market and building of commercial industrial facilities slows due to the fact that Maplewood is nearly fully developed. The request for a major levy increase for park funding was reviewed, but does not appear doable within the next 3 – 5 years due to the commitment to redevelopment and the Maplewood Community Center. Park projects listed in this plan will only move forward if the Park Availability Charge (PAC) revenue comes in as projected.
7. It is proposed that \$50,000 of tax levy funds be dedicated in 2015 for Community Field Upgrades, as well as an additional \$50,000 in tax levy for Park Equipment replacements. This allocation is provided due to a commitment for a \$50,000 reduction in operating expenses within the Parks Department operating expenditures.
8. An annual expenditure of \$286,000 to \$315,000 is proposed for the planning period for replacement of vehicles and equipment in the Fleet Management Fund. This investment is necessary to keep maintenance costs to a minimum.
9. Five major street projects and one bridge replacement are proposed for 2015-2019. The costs of these projects range from \$1,400,000 to \$7,270,000. One of the factors that will be considered before any project is authorized will be the City's debt capacity.

The 2014 – 2018 CIP was a \$46.7 Million plan, while the proposed 2015 – 2019 CIP is listed for \$48.2 Million in expenditures. This is a 3.3% increase from the previous year's program or \$1,528,380. Re-prioritizing of funds shows that investment is proposed to decrease for redevelopment, buildings and parks and increase for equipment and public works infrastructure.

As with the previous year, Deferred Projects are listed within the Appendix section of this CIP. These are projects that were recommended by staff and Commissions and are significant needs within the City. An analysis of the impacts of these projects identified that funding is not available under current programs totaling \$12,455,440. Due to the lack of funding dedicated to capital replacement and Council priorities, a number of projects were not proposed or have been removed. 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 2014, the city's total tax levy was \$18,528,400 and of that amount, \$4,658,600 was for debt service on bond issues. It is estimated that a levy of \$4,792,820 will be needed in 2015 to cover the debt service on bonds issued through 2014.

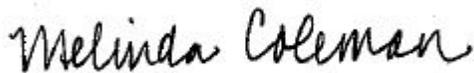
The total Debt outstanding for Maplewood is proposed to be \$81,130,167 in 2014 based upon the current plan within this CIP. 2013 total debt is \$81,804,839. The City's total debt is limited by statute to not more than 3% of market value of taxable property of the City. Very little of the debt of the City, approximately \$8,690,000 in 2013, 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 of 2.0% declining to 1.5% by 2019.

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 2015. 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 2015 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 2015 will be included in the Proposed 2015 Budget document. This will provide the City Council another opportunity to review the proposed 2015 projects.

The 2015 – 2019 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 will be met.

A handwritten signature in black ink that reads "Melinda Coleman". The signature is written in a cursive, flowing style.

Melinda Coleman  
Interim City Manager

## HIGHLIGHTS OF THE CAPITAL IMPROVEMENT PLAN

The five-year total expenditures within the 2015-2019 C.I.P. are \$48,212,880. Changes by project category over the last C.I.P. are as follows:

	<u>2013-2017</u> C.I.P	<u>2014-2018</u> C.I.P	<u>2015-2019</u> C.I.P	<u>Increase</u> <u>Amount</u>	<u>(Decrease)</u> <u>Percent</u>
<b>Buildings</b>	\$12,038,400	\$11,500,000	\$9,930,000	(\$1,570,000)	-13.7%
<b>Redevelopment</b>	6,840,000	8,050,000	6,785,000	(1,265,000)	-15.7%
<b>Equipment</b>	2,273,480	2,671,500	4,684,880	2,013,380	75.4%
<b>Parks</b>	5,450,000	4,217,000	3,900,000	(317,000)	-7.5%
<b>Public Works</b>	41,091,000	20,246,000	22,913,000	2,667,000	13.2%
<b>TOTALS</b>	\$67,692,880	\$46,684,500	\$48,212,880	\$1,528,380	3.3%

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

1. **Farrell/Ferndale Area Streets - \$7,270,000**  
Construction of this project is planned for 2018. The streets will require full reconstruction including significant drainage improvements.
2. **Dennis/McClelland Area Streets - \$6,560,000**  
Construction of this project is planned for 2019. The streets will require full reconstruction with the addition of concrete curb and gutter.
3. **Public Safety Training Facility - \$5,810,000**  
The construction of this facility is currently underway. Additional phases are planned for this facility through 2017. The phases will be completed as grant monies are secured.
4. **Community Center Facility Management - \$5,280,000**  
The Asset Management Plan developed in 2014 identifies \$5.2 million of repairs needed over the next five years. The building is 20 years old.
5. **Gladstone Phase II - \$3,425,000**  
Construction of this project is planned for 2015. The improvements will include burial of power lines, streetscape, new roadways for development, new storm water initiatives and utility extensions.
6. **Lakewood/Sterling Area Streets - \$3,280,000**  
Construction of this project is planned for 2017. Some of the streets will require full reconstruction.

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 59 projects in the current C.I.P. The 2014-2018 C.I.P. had 44 projects.

## NEW PROJECTS IN THE CAPITAL IMPROVEMENT PLAN

Changes in project expenditures for the years 2015-2019 within this C.I.P. compared to the previous C.I.P. are as follows:

Year	2014-2018 C.I.P.	2015-2019 C.I.P.	Increase (Decrease)	
			Amount	Percent
2015	5,044,100	8,952,970	3,908,870	77.5%
2016	7,805,120	9,660,260	1,855,140	23.8%
2017	12,985,280	8,174,110	(4,811,170)	-37.1%
2018	7,632,000	11,727,490	4,095,490	53.7%
<b>TOTALS</b>	<b>\$33,466,500</b>	<b>\$38,514,830</b>	<b>\$5,048,330</b>	<b>15.1%</b>

Some of the changes listed above are due to changes in the time schedule for projects. The new projects total \$12,448,310. These projects are as follows:

### BUILDINGS

<u>\$5,280,000</u>	Community Center Facility Management
\$5,280,000	

### EQUIPMENT

\$80,000	Replacement of SCBA bottles
155,000	Asset Management software
165,000	Eden Systems replacement
65,000	Laserfiche update
50,000	Microsoft Office upgrade
100,000	Council chambers improvements
927,030	Squad replacements
206,620	Records Management System
154,660	Squad computer replacements
125,000	Regional Police firearms training range
110,000	Water tanker
205,000	Single axle plow truck
22,000	One 1/2 ton truck
20,000	Crack filler
<u>30,000</u>	Wood chipper
\$2,415,310	

### PARKS

\$60,000	Deer removal
<u>160,000</u>	EAB ash removal and planting
\$220,000	

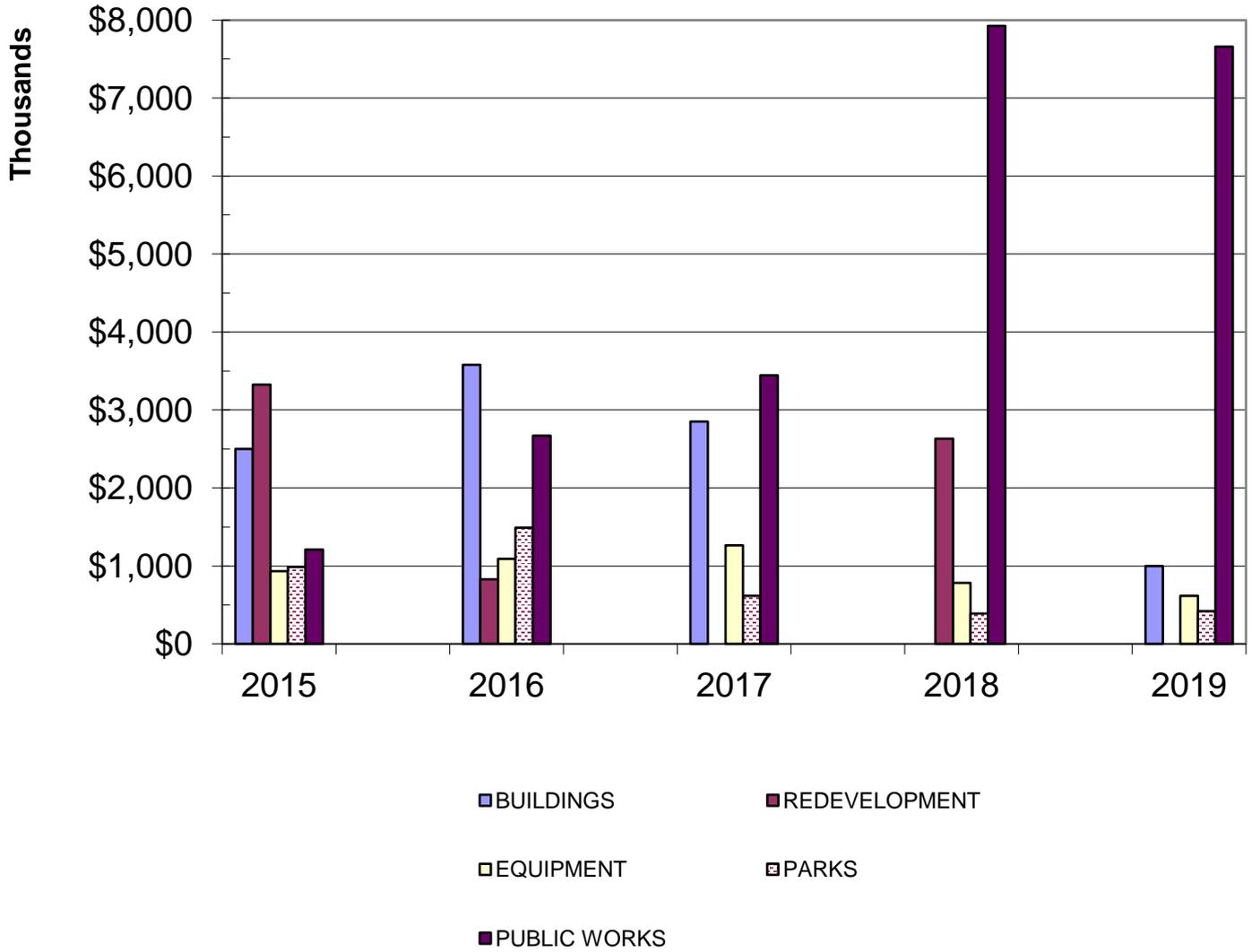
### PUBLIC WORKS

\$264,000	Flood remediation projects
861,000	Sidewalk and trail improvements
500,000	White Bear Ave/I694 interchange project
570,000	Sterling Street - Linwood Ave to Londin Ln
<u>338,000</u>	Ramsey County signal projects
\$2,533,000	

### REDEVELOPMENT

<u>\$2,000,000</u>	Gladstone Area redevelopment
\$2,000,000	
<u><u>\$12,448,310</u></u>	Grand Total

## PROJECTS BY CATEGORY 2015-2019



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

PROJECT CATEGORY	TOTAL	ALLOCATION OF COSTS BY YEAR				
		2015	2016	2017	2018	2019
BUILDINGS	\$9,930,000	\$2,500,000	\$3,580,000	\$2,850,000	\$0	\$1,000,000
REDEVELOPMENT	6,785,000	3,325,000	830,000	0	2,630,000	0
EQUIPMENT	4,684,880	931,470	1,088,760	1,264,110	782,490	618,050
PARKS	3,900,000	985,000	1,490,000	615,000	390,000	420,000
PUBLIC WORKS	22,913,000	1,211,500	2,671,500	3,445,000	7,925,000	7,660,000
<b>TOTALS</b>	<b>\$48,212,880</b>	<b>\$8,952,970</b>	<b>\$9,660,260</b>	<b>\$8,174,110</b>	<b>\$11,727,490</b>	<b>\$9,698,050</b>

# SCHEDULE FOR CONSTRUCTION AND FINANCING OF 2015 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.

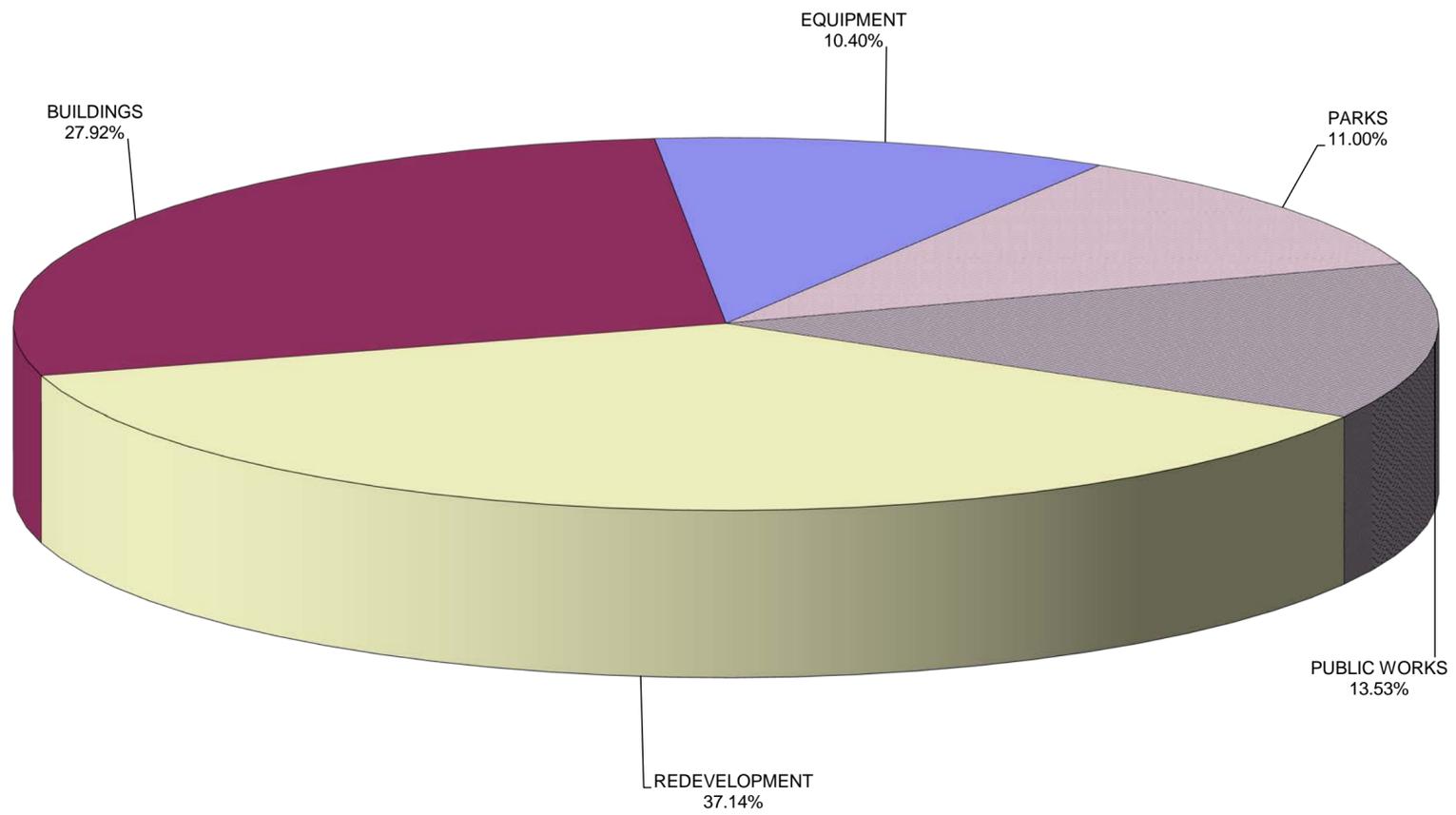
The schedule that needs to be followed for construction of the public improvement projects listed in this document for 2015 is as follows:

<b>SCHEDULE FOR PUBLIC IMPROVEMENT PROJECTS TO BE CONSTRUCTED IN 2015</b>	
August 2014	Begin Neighborhood Meetings
November 2014	Council receives Engineer's Report and orders Public Hearing
November 2014	Publish Legal Notice
December thru February 2015	Public Hearings; Order Improvement and Preparation Plans and Specifications
February 2015	Approve Plans and Specifications; Authorization to Advertise for Bids
March 2015	Award Bids

It is planned that bonds will be sold in May 2015 to finance the capital improvement projects that will be constructed in 2015. The schedule for the issuance of these bonds is as follows:

<b>SCHEDULE FOR 2015 BOND ISSUE</b>	
March 23, 2015	Last day for City Council to order projects to be financed by the bond issue
March 27, 2015	Financial data on projects to be financed due to financial consultant
April 10, 2015	Resolution setting bond sale due from bond council bond sale details due from financial consultant
April 20, 2015	City Council adoption of resolution authorizing bond issue
May 11, 2015	Official statement (prospectus) distributed to rating agency, City, and prospective bidders
May 13, 2015	Bond rating due from Standard and Poor's.
May 18, 2015	Bid opening and award of bids
June 15, 2015	Bond proceeds delivered to City

# PROJECTS BY CATEGORY 2015



- REDEVELOPMENT
- BUILDINGS
- EQUIPMENT
- PARKS
- PUBLIC WORKS

## PROJECTS SCHEDULED FOR 2015

PROJECT NUMBER	PROJECT TITLE	PROJECT CATEGORY	COST
PM15.050	Community Center Facility Management	Buildings	\$2,500,000
			<u>\$2,500,000</u>
FD14.020	Replacement of SCBA Bottles	Equipment	\$80,000
IT12.010	Election Equipment	Equipment	40,000
IT15.010	Asset Management Software	Equipment	40,000
IT15.050	Council Chambers Improvements	Equipment	25,000
PD15.010	Squad Replacement	Equipment	184,200
PD15.020	Records Management System	Equipment	88,040
PD15.030	Squad Computer Replacement	Equipment	14,700
PD14.010	Police Department Mobile Video	Equipment	156,980
PW14.020	Tandem Axle Plow Truck	Equipment	222,000
PW14.030	ToolCat 5600	Equipment	40,000
PW06.010	Two Trailers	Equipment	11,550
PW07.030	1 Ton Truck	Equipment	29,000
			<u>\$931,470</u>
PM11.010	Fish Creek Open Space	Parks	\$30,000
PM11.020	Goodrich Park Improvements	Parks	375,000
PM14.030	Park Systems Plan	Parks	50,000
PM15.010	Deer Removal	Parks	30,000
PM07.010	Park Upgrades to Existing Parks	Parks	100,000
PM08.050	Gladstone Savanna Improvements	Parks	250,000
PM08.060	Open Space Improvements	Parks	150,000
			<u>\$985,000</u>
PW03.210	Lift Station Upgrade Program	Public Works	\$75,000
PW14.060	Beebe Road Street Improvements	Public Works	90,000
PW15.060	Flood Remediation Projects	Public Works	64,000
PW15.070	Sidewalk and Trail Improvements	Public Works	711,000
PW15.090	Sterling Street - Linwood Ave to Londin Ln	Public Works	40,000
PW15.100	Ramsey County Signal Projects	Public Works	131,500
PW08.050	Lakewood/Sterling Area Streets	Public Works	100,000
			<u>\$1,211,500</u>
CD09.010	Commercial Property Redevelopment	Redevelopment	\$100,000
PW14.070	Gladstone - Phase II	Redevelopment	3,225,000
			<u>\$3,325,000</u>
	Grand Total		<u>\$8,952,970</u>

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# FUNDING SOURCES FOR THE CAPITAL IMPROVEMENT PLAN

## **Bonds and Notes:**

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

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

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

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

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

**Tax Abatement Bonds** – these bonds can be issued for 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.

**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 it is referred to as the C.I.P. Fund.

**Economic Development Authority** – within this C.I.P. document this is used to identify a portion of improvement costs that are paid by the Maplewood Area Economic Development Authority.

**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.

**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.

**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.

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

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

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

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

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

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

**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.

**PD Squad/Equipment Replacement Fund** – this fund is being established to finance squad and major equipment expenditures related to the Police Department. Property taxes are proposed to be levied annually for this fund.

**Police Services Fund** – this fund accounts for money that is legally restricted for police services. Most of the fund revenues are from confiscated money that is split between the city, county and state.

**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.

**RWMWD** – within this C.I.P. document this is used to identify a portion of public works improvement costs that are paid by the Ramsey Washington Metro Watershed District.

**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.

**Sale of Property** – within this C.I.P. document this is used to identify a portion of the costs that are paid for with the proceeds of the sale of other City assets.

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

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

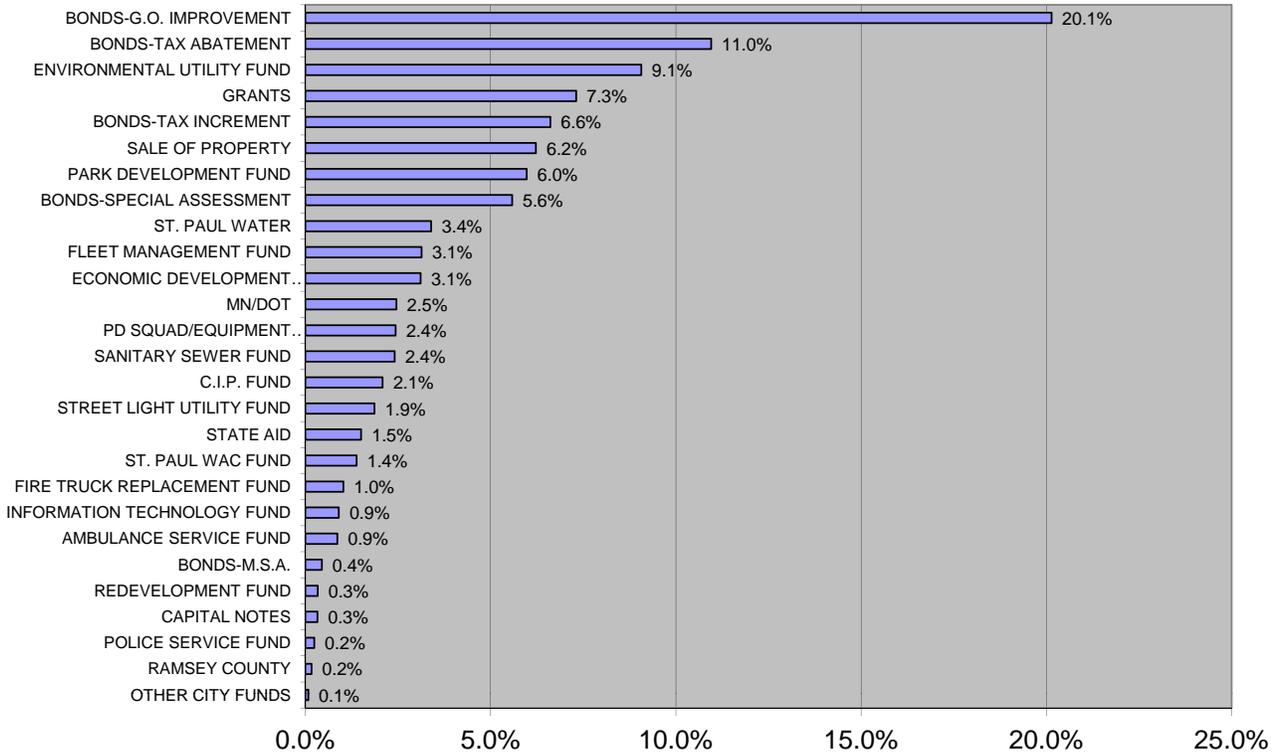
**St. Paul Water Availability Charge Fund** – this fund accounts for revenue from water connection charges and a water surcharge that is paid by the owners of property that receive water from St. Paul Regional Water Services. These revenues are used to finance water system costs that cannot be assessed.

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

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

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

# FIVE - YEAR CAPITAL IMPROVEMENT PLAN BY FUNDING SOURCES



BONDS-G.O. IMPROVEMENT	9,709,860
BONDS-TAX ABATEMENT	5,280,000
ENVIRONMENTAL UTILITY FUND	4,371,400
GRANTS	3,522,800
BONDS-TAX INCREMENT	3,188,200
SALE OF PROPERTY	3,000,000
PARK DEVELOPMENT FUND	2,880,000
BONDS-SPECIAL ASSESSMENT	2,690,140
ST. PAUL WATER	1,636,700
FLEET MANAGEMENT FUND	1,511,100
ECONOMIC DEVELOPMENT AUTHORITY	1,500,000
MN/DOT	1,185,000
PD SQUAD/EQUIPMENT REPLACEMENT FUND	1,174,010
SANITARY SEWER FUND	1,161,000
C.I.P. FUND	1,005,000
STREET LIGHT UTILITY FUND	899,000
STATE AID	725,000
ST. PAUL WAC FUND	665,700
FIRE TRUCK REPLACEMENT FUND	493,490
INFORMATION TECHNOLOGY FUND	435,000
AMBULANCE SERVICE FUND	415,000
BONDS-M.S.A.	215,000
REDEVELOPMENT FUND	160,000
CAPITAL NOTES	156,980
POLICE SERVICE FUND	114,300
RAMSEY COUNTY	80,000
OTHER CITY FUNDS	38,200
<b>TOTAL</b>	<b>\$48,212,880</b>

# GENERAL COMMUNITY DEVELOPMENT INFORMATION

## Community Growth

The population of Maplewood has been increasing steadily. The city's population, as estimated by the Metropolitan Council in 2012, is 39,065. The previous 2010 Census count was 38,018. The following table shows the recent and projected population and housing trends:

## Population, Households and Household Size

	<u>2000</u>	<u>2010</u>	<u>2013*</u>	<u>2030**</u>	<u>2040**</u>
<b>Occupied Housing Units</b>	13,758	14,882	15,289	18,150	19,700
<b>Household Size (people per household)</b>	2.56	2.55	2.55	2.25	2.43
<b>Population</b>	35,258	38,018	38,950	40,900	47,900

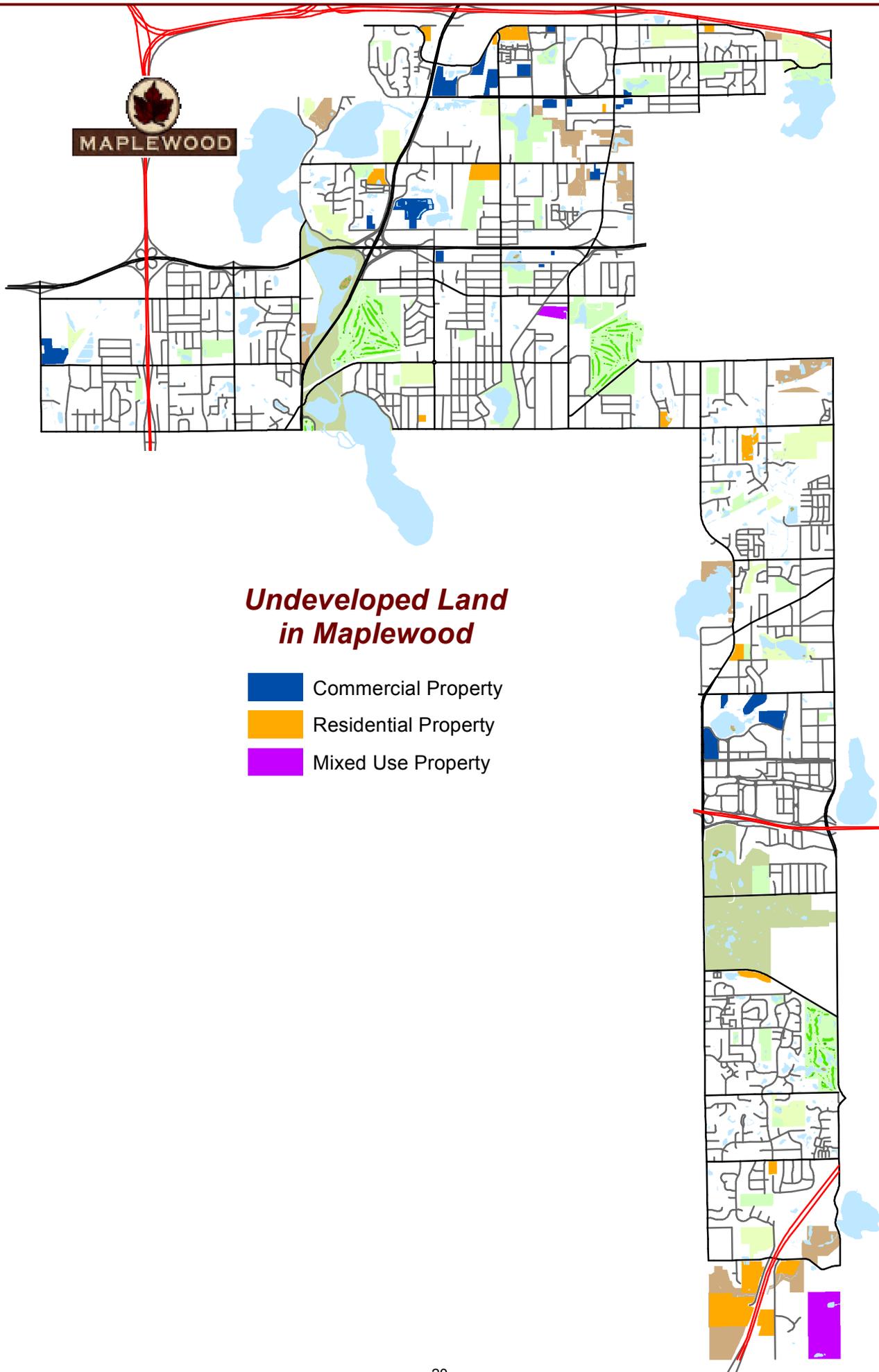
Sources: Metropolitan Council and City Staff  
\* Metropolitan Council Estimate from April 1, 2013  
\*\*Metropolitan Proposed Estimate, yet to be adopted.

## Undeveloped Land

The following map shows the location of the undeveloped land in the City. The largest concentration of undeveloped residential land is in the southerly area of Maplewood, south of Carver Avenue. Maplewood, however, has pockets of undeveloped land throughout the City. The largest amount of undeveloped commercial land in Maplewood is found at 3M Center and near Highway 61 between Highway 36 and I-694. There are areas of vacant commercially-zoned land around the City.

## Projected Population

The 2010 census gives the recent population count for Maplewood at 38,018 persons. The following table of population and household statistics and estimates are derived from the Metropolitan Council's data and projections based on 2020, 2030 and 2040 estimates.



***Undeveloped Land  
in Maplewood***

-  Commercial Property
-  Residential Property
-  Mixed Use Property

<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>
1997	33,943	648	182	13,335
1998	34,412	469	139	13,517
1999	34,723	311	263	13,656
2000	35,258	535	129	13,758
2001	35,080	(178)	293	13,818
2002	35,600	520	191	14,171
2003	35,763	163	233	14,263
2004	35,892	129	143	14,365
2005	36,279	387	94	14,436
2006	36,397	118	49	14,643
2007	36,663	266	19	14,818
2008	36,717	54	41	14,890
2009	37,755	1,038	20	15,094
2010	38,018	263	16	14,882
2011	38,374	356	16	15,033
2012	39,065	691	20	15,168
2013	38,950	(115)	23	15,289
2014	39,265	315	123	15,427
2015	39,580	315	123	15,565
2016	39,895	315	123	15,703
2017	40,210	315	123	15,841
2018	40,525	315	123	15,979
2019	40,840	315	123	16,117

**Sources:**

**Estimated Population**

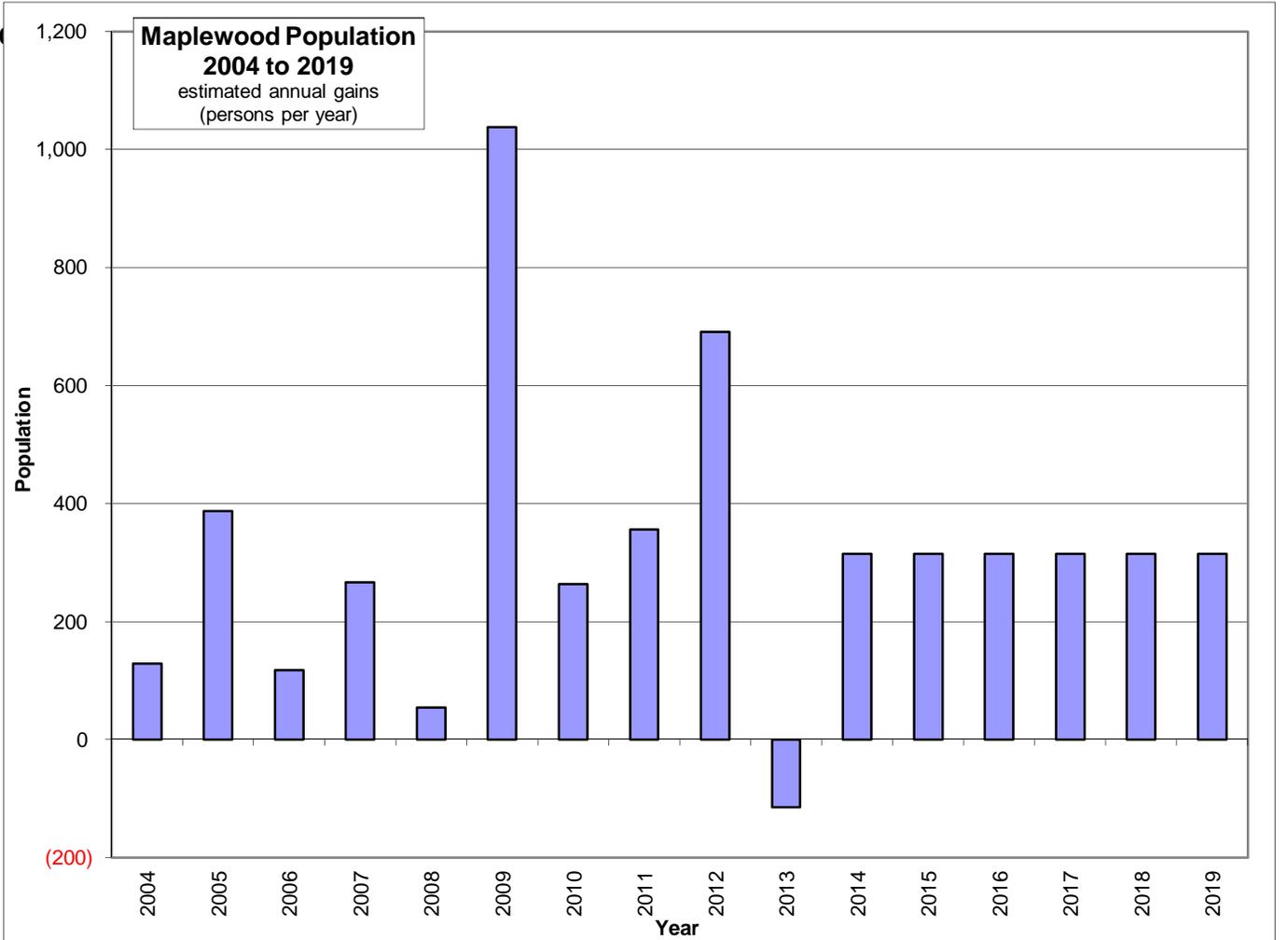
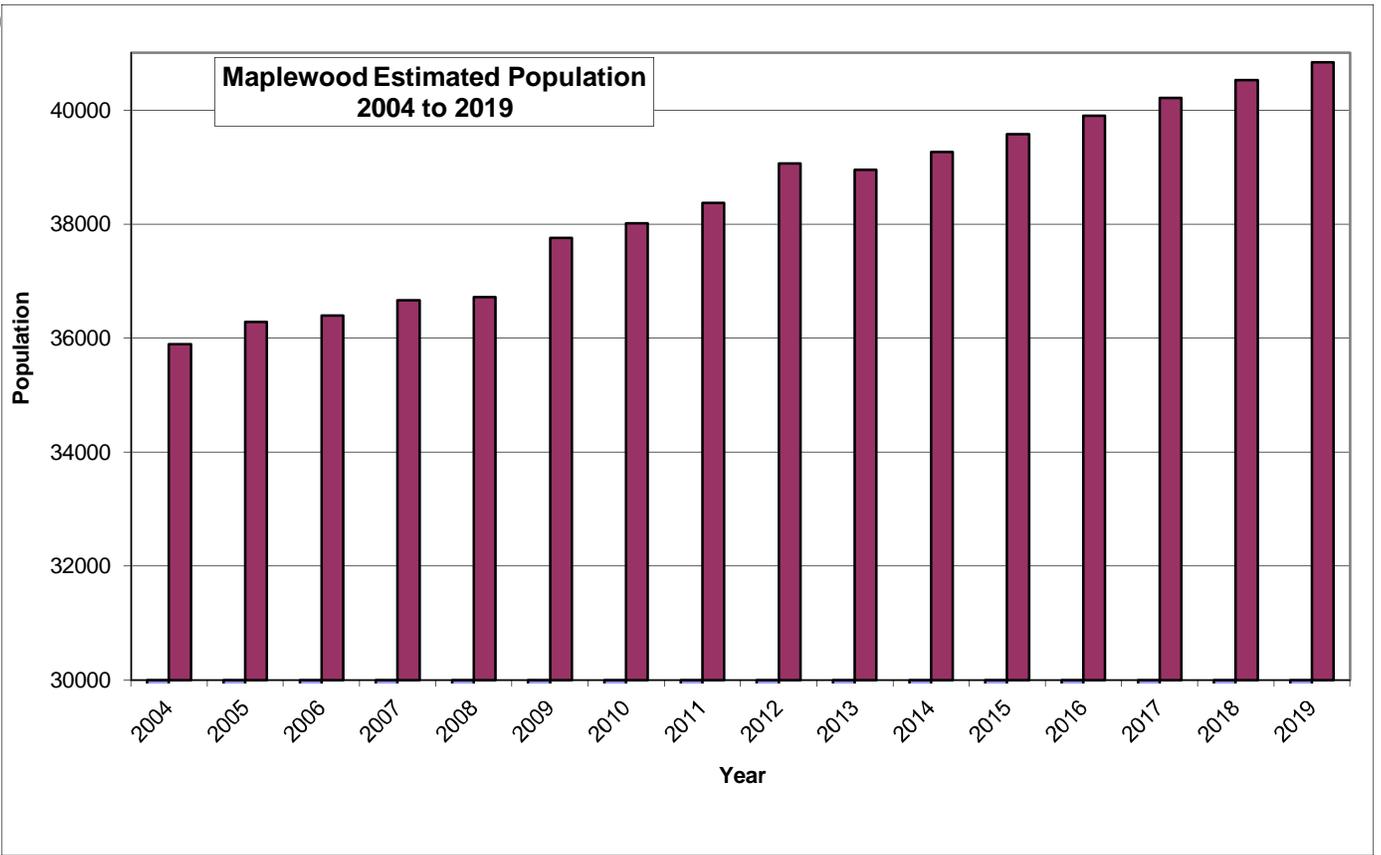
2000 & 2010 - U.S. CENSUS  
 1997-2013 - Met Council Estimates  
 2014-2019 - City of Maplewood Staff Estimates

**New Dwelling Units**

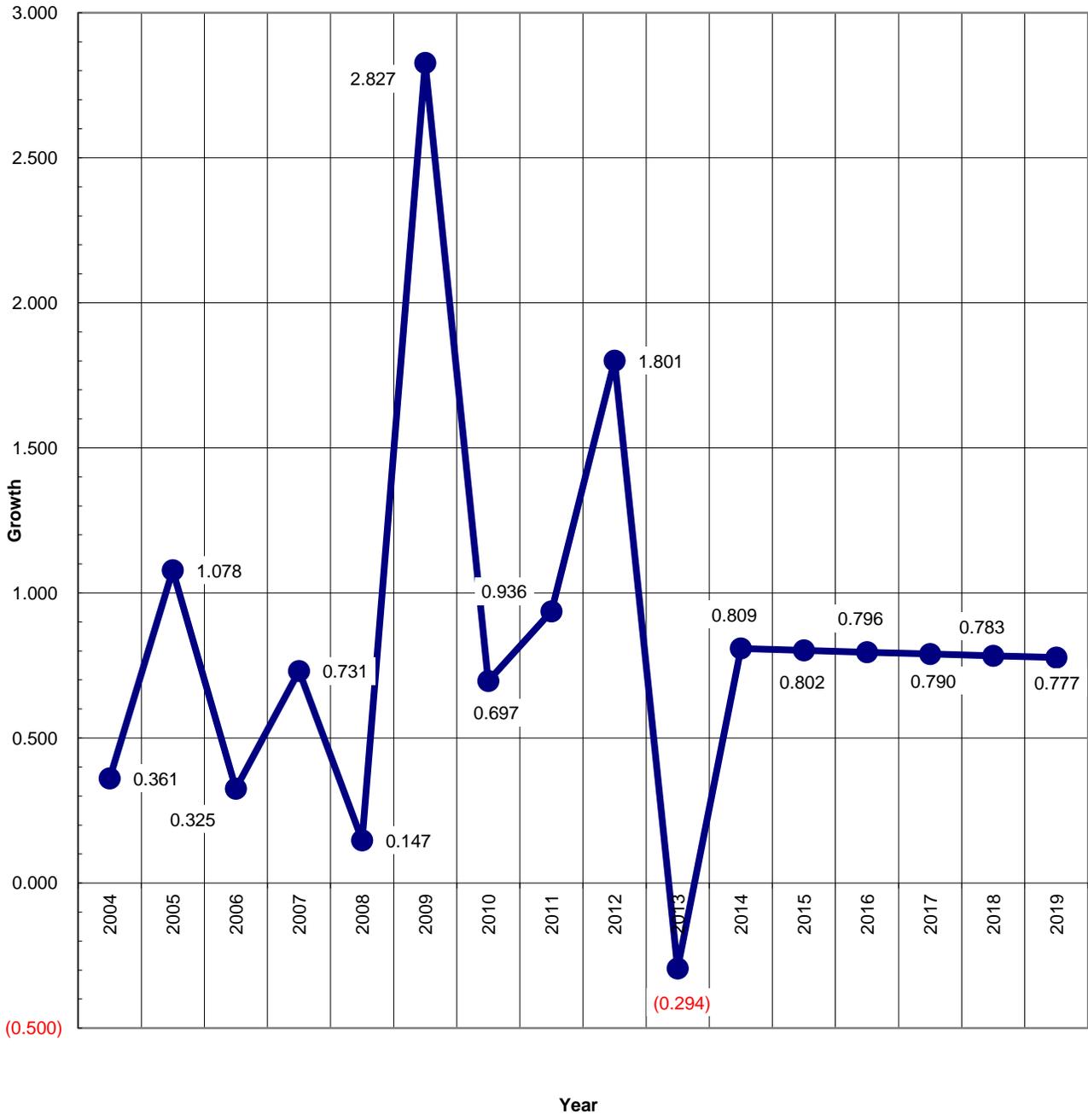
City of Maplewood Permit Applications

**Occupied Household Units**

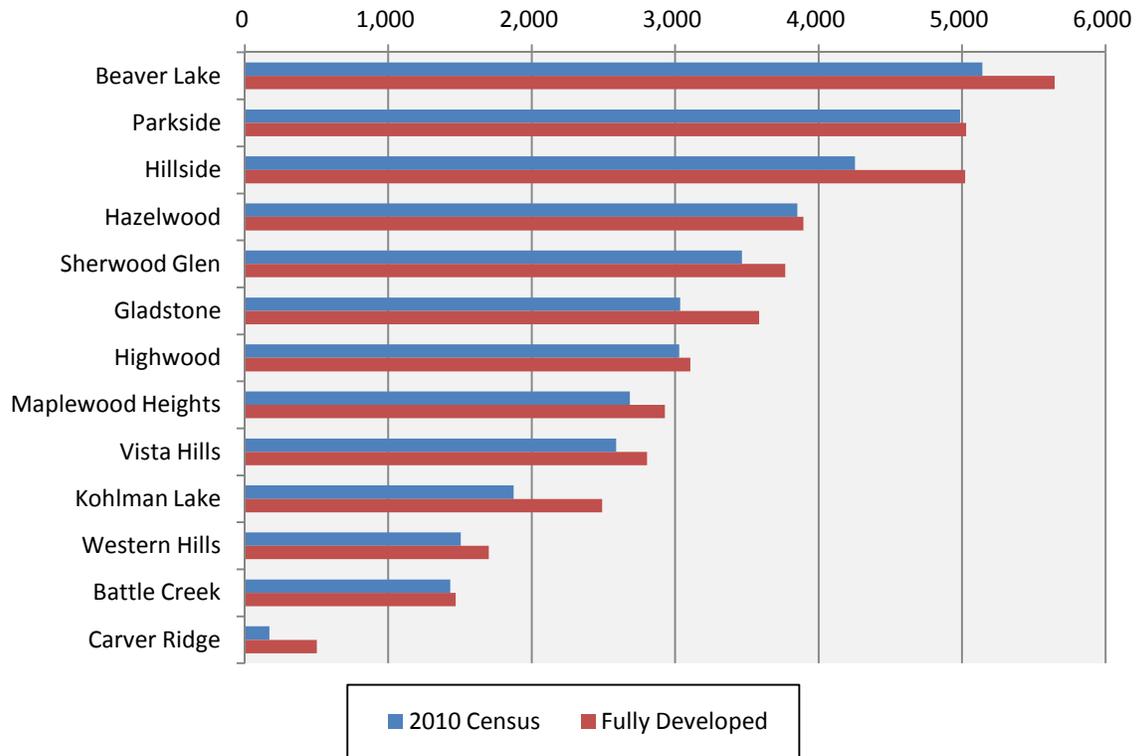
2000 & 2010 - U.S. CENSUS  
 1997-2013 - Met Council Estimates  
 2014-2019 - City of Maplewood Staff Estimates



**Maplewood Population 2004- 2019**  
 ANNUAL ESTIMATED RATES OF GROWTH  
 (percentage population increase each year)



## City of Maplewood Population by Neighborhood



	<u>2010 Census</u>	<u>Fully Developed</u>
Beaver Lake	5,142	5,646
Parkside	4,987	5,028
Hillside	4,253	5,023
Hazelwood	3,853	3,895
Sherwood Glen	3,466	3,767
Gladstone	3,034	3,586
Highwood	3,028	3,106
Maplewood Heights	2,685	2,929
Vista Hills	2,589	2,805
Kohlman Lake	1,874	2,490
Western Hills	1,505	1,700
Battle Creek	1,432	1,470
Carver Ridge	170	501
<b>Total</b>	<b>38,018</b>	<b>41,946</b>

## 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.

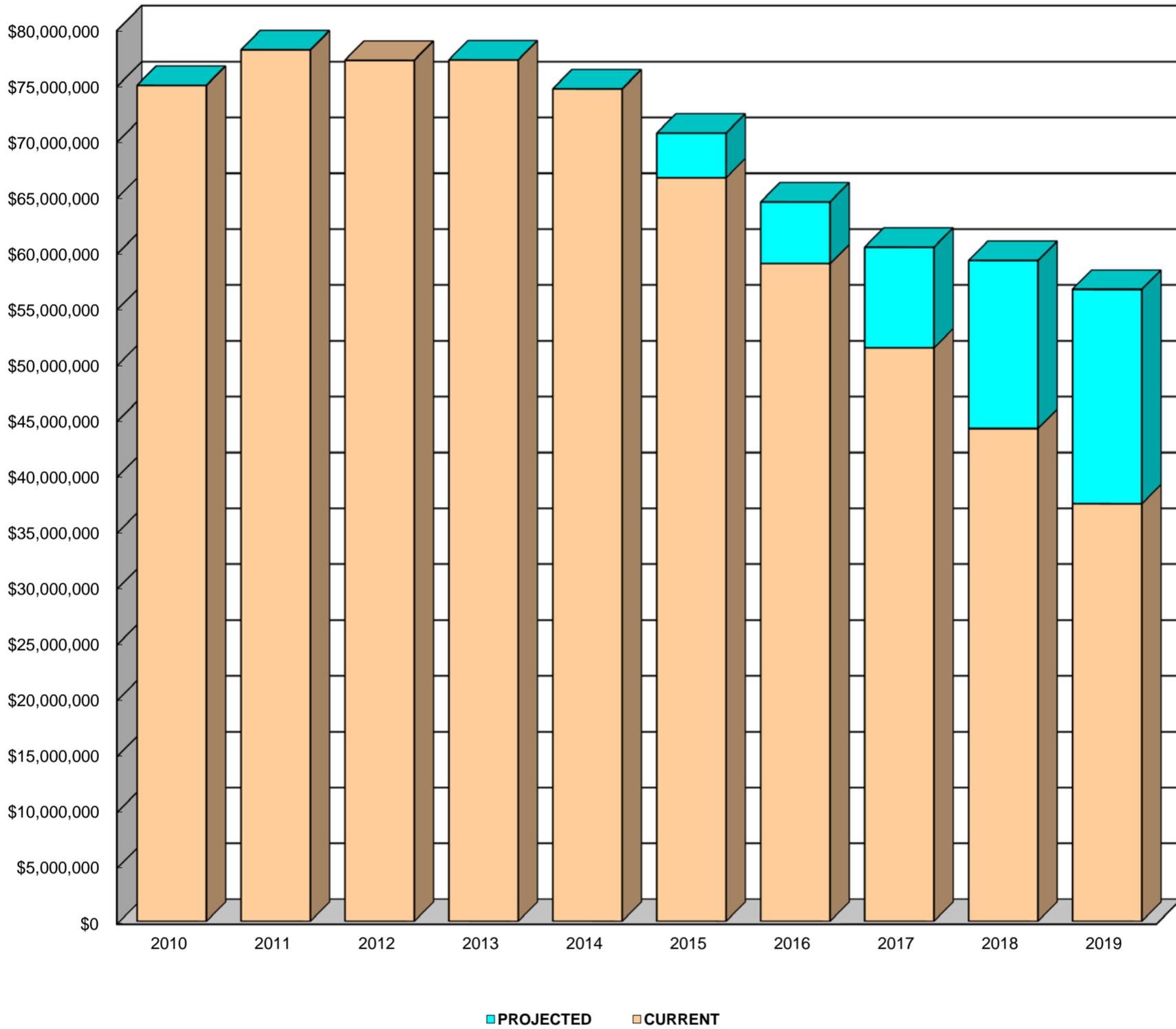
The amount of debt anticipated to be issued in 2015-2019 is \$21,343,000. Most of the bonds planned to be issued between 2015 and 2019 will be for public works improvements, economic development and the Community Center. Debt transactions and outstanding debt for 2010-2019 are shown on the next two pages.

**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>
2010	Balance Forward		78,972,297	(4,125,000)	74,847,297
2011	10,000,000	(10,955,000)	78,017,297	0	78,017,297
2012	8,285,000	(6,825,000)	79,477,297	(2,385,000)	77,092,297
2013	9,880,000	(7,552,458)	81,804,839	(4,675,000)	77,129,839
2014	9,000,000	(9,674,672)	81,130,167	(6,600,000)	74,530,167
2015	3,988,000	(14,545,537)	70,572,630	0	70,572,630
2016	1,775,000	(7,936,101)	64,411,529	0	64,411,529
2017	3,817,000	(7,867,818)	60,360,711	0	60,360,711
2018	6,595,000	(7,799,227)	59,156,484	0	59,156,484
2019	5,168,000	(7,741,288)	56,583,196	0	56,583,196

# C.I.P IMPACT ON CITY DEBT

2010 TO 2019 - CURRENT AND PROJECTED



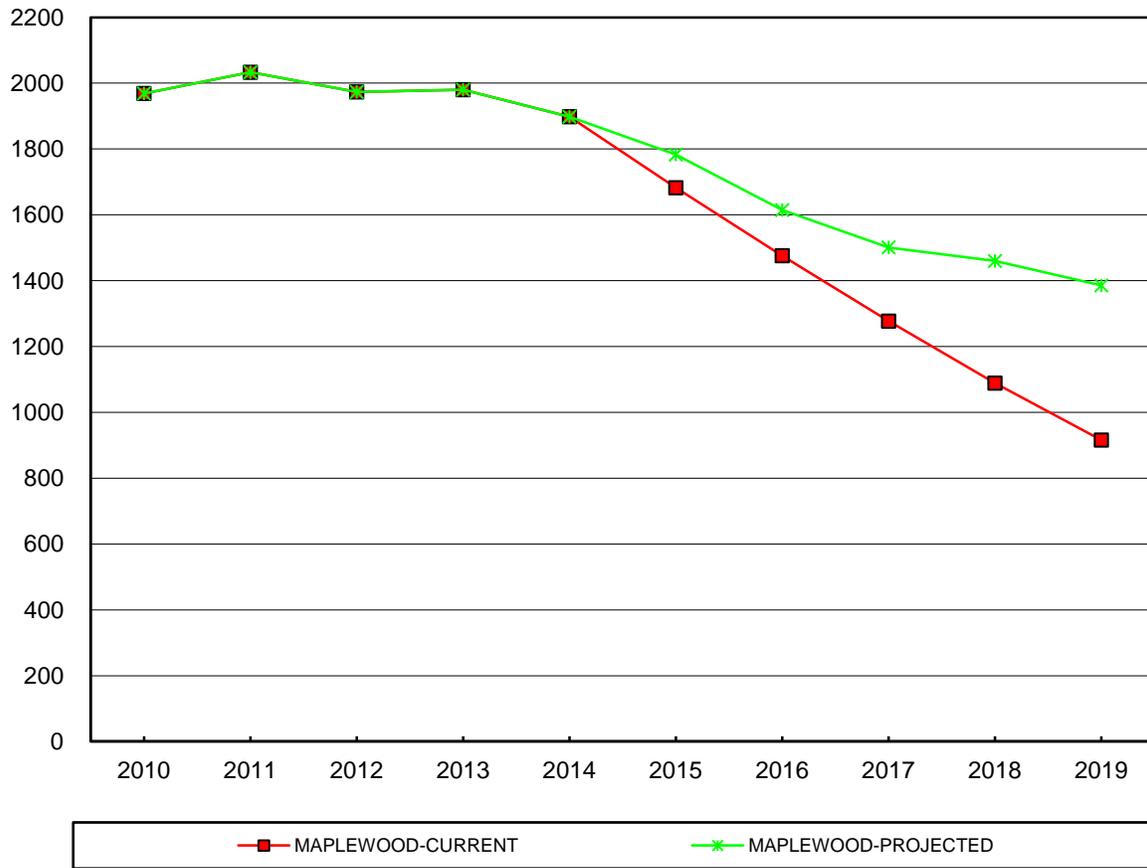
Population projections for the next five years were made in order to project the debt per capita. (Debt per capita is calculated by dividing the outstanding debt by the population.) These projections are explained at the end of Section 1 under the heading General Community Development Information. The 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
2015	66,584,630	70,572,630	39,580	1,682	1,783
2016	58,878,529	64,411,529	39,895	1,476	1,615
2017	51,350,711	60,360,711	40,210	1,277	1,501
2018	44,121,484	59,156,484	40,525	1,089	1,460
2019	37,400,196	56,583,196	40,840	916	1,385

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

# DEBT PER CAPITA

## 2010 TO 2019 - CURRENT AND PROJECTED

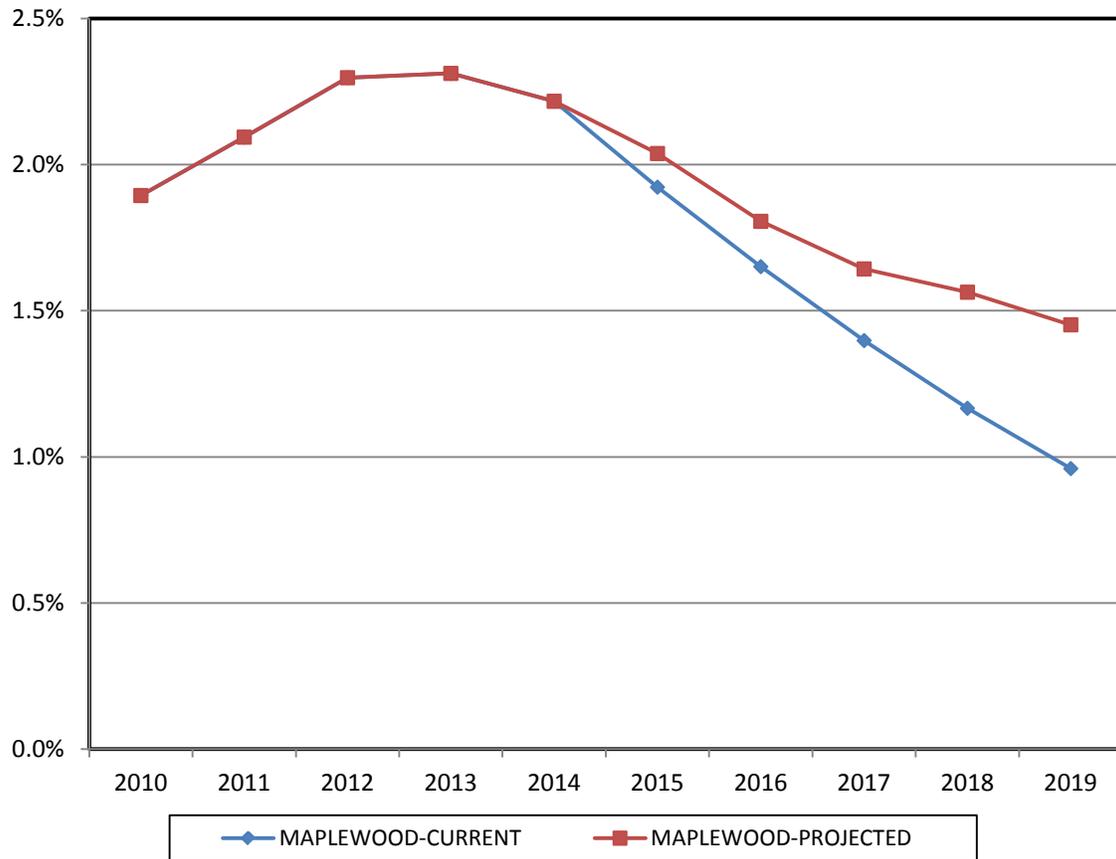


The ratio of debt to tax base was also analyzed. This ratio is calculated by dividing the debt outstanding by the estimated full market value of Maplewood's tax base. The estimated full market value of the City's tax base was projected for 2015-2019 based upon the assumption that it would increase by 3% in 2015 - 2019. The following table is a compilation of the preceding projections:

<b>PROJECTED DEBT TO MARKET VALUE</b>					
Year	Debt Outstanding		Projected Tax Base Market Value	Debt To Market Value	
	Without New Debt	With New Debt		Without New Debt	With New Debt
2015	66,584,630	70,572,630	3,462,287,000	1.9%	2.0%
2016	58,878,529	64,411,529	3,566,156,000	1.7%	1.8%
2017	51,350,711	60,360,711	3,673,141,000	1.4%	1.6%
2018	44,121,484	59,156,484	3,783,335,000	1.2%	1.6%
2019	37,400,196	56,583,196	3,896,835,000	1.0%	1.5%

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

## RATIO OF DEBT TO MARKET VALUE 2010 TO 2019 - Current and Projected



City bonds have a “AA+” rating from Standard and Poor’s Investor Rating Service according to their report dated July 11, 2014. Since 2010, Maplewood has received either a “Aa1” rating from Moody’s Investors Service or a “AA+” rating from Standard and Poor’s Investor Rating Service. Prior to that, the City maintained an “Aa2” rating with Moody’s Investors Service for many years. 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 more current 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, Moody’s noted “the city’s sizable tax base favorably located in the Twin Cities metro area; stable financial operations, supported by satisfactory General Fund reserves and sound fiscal policies; and above-average though manageable debt profile with some additional future borrowing planned.” Only a small percentage of Standard and Poor’s ratings for cities nationwide are “AA+” or better. The projected debt ratios indicate that Maplewood will probably be able to maintain its present bond rating through 2019.

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. With the issuance of CIP bonds in 2014 for the new south Fire Station project, Maplewood will have four debt issues that are subject to the debt limit in 2015-2019.

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 2015-2019. It indicates that the City is currently and will be significantly under the legal debt limit for the entire period.

	2015	2016	2017	2018	2019
Market value of taxable property	\$3,462,287,000	\$3,566,156,000	\$3,673,141,000	\$3,783,335,000	\$3,896,835,000
Statutory debt limit: 3.0% of market value	103,868,610	106,984,680	110,194,230	113,500,050	116,905,050
<u>Amount of debt applicable to debt limit:</u>					
Equipment Certificates 2012A	325,000	260,000	195,000	130,000	65,000
Capital Improvement Plan Bonds 2013A	3,625,000	3,410,000	3,195,000	2,975,000	2,750,000
Fire Safety Refunding Bonds 2013B	1,465,000	1,235,000	995,000	750,000	500,000
CIP & Equip Cert Bonds 2014A	3,340,000	3,230,000	3,065,000	2,895,000	2,725,000
Total debt applicable to debt limit	8,755,000	8,135,000	7,450,000	6,750,000	6,040,000
Legal debt margin	95,113,610	98,849,680	102,744,230	106,750,050	110,865,050

## CAPITAL IMPROVEMENT PLAN FINANCING STRATEGY

The five-year total for the projects in the C. I. P. is \$48,212,880. 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				
		2015	2016	2017	2018	2019
AMBULANCE REPLACEMENT	\$415,000	\$0	\$200,000	\$0	\$215,000	\$0
BONDS-G.O. IMPROVEMENT	9,709,860	230,000	856,260	2,115,300	3,766,800	2,741,500
BONDS-M.S.A.	215,000	0	0	0	100,000	115,000
BONDS-SP. ASSESSMENT	2,690,140	0	349,440	502,000	828,200	1,010,500
BONDS-TAX ABATEMENT	5,280,000	2,500,000	580,000	1,200,000	0	1,000,000
BONDS-TAX INCREMENT	3,188,200	1,288,200	0	0	1,900,000	0
C.I.P. FUND	1,005,000	250,000	205,000	240,000	140,000	170,000
CAPITAL NOTES	156,980	156,980	0	0	0	0
ENVIRONMENTAL UTILITY FUND	4,371,400	399,000	331,000	603,400	1,677,000	1,361,000
FIRE TRUCK REPLACEMENT FUND	493,490	0	0	493,490	0	0
FLEET MANAGEMENT FUND	1,511,100	302,550	308,550	299,000	315,000	286,000
GRANTS	3,522,800	1,347,800	1,525,000	650,000	0	0
INFORMATION TECHNOLOGY FUND	435,000	40,000	180,000	90,000	25,000	100,000
MnDOT	1,185,000	0	0	0	0	1,185,000
PARK DEVELOPMENT FUND	2,880,000	1,105,000	900,000	425,000	200,000	250,000
RAMSEY COUNTY	80,000	80,000	0	0	0	0
REDEVELOPMENT FUND	160,000	0	80,000	0	80,000	0
SANITARY SEWER FUND	1,161,000	135,800	100,100	108,100	505,000	312,000
SAINT PAUL W.A.C. FUND	665,700	0	51,600	83,100	277,000	254,000
SAINT PAUL WATER	1,636,700	0	51,600	83,100	821,000	681,000
STATE AID	725,000	0	725,000	0	0	0
STREET LIGHT UTILITY FUND	899,000	692,500	206,500	0	0	0
ECONOMIC DEVELOPMENT AUTH.	1,500,000	100,000	750,000	0	650,000	0
SALE OF PROPERTY	3,000,000	0	2,000,000	1,000,000	0	0
POLICE SERVICES FUND	114,300	36,600	0	38,080	0	39,620
PD SQUAD/EQUIP REPLACEMENT FUND	1,174,010	250,340	260,210	243,540	227,490	192,430
OTHER CITY FUNDS	38,200	38,200	0	0	0	0
<b>TOTALS</b>	<b>\$48,212,880</b>	<b>\$8,952,970</b>	<b>\$9,660,260</b>	<b>\$8,174,110</b>	<b>\$11,727,490</b>	<b>\$9,698,050</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 2015-2019 C.I.P. assumes that no bond issue referendums will be held during this five-year period. Bonds totaling \$21,343,000 are planned to be issued in 2015-2019 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 2015-2019 will have 20 - 40% of costs assessed.

Several projects and major purchases in the C.I.P. will be financed by the Ambulance Service Fund, Capital Improvement Projects (CIP) Fund, Environmental Utility Fund, Fire Truck Replacement Fund, Fleet Management Fund, Park Development Fund, Redevelopment Fund, Sanitary Sewer Fund, St. Paul Water Availability Charges (WAC) Fund, Street Light Utility Fund and the Maplewood Area EDA 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 \$4,313,530 for 2013 and \$4,658,600 for 2014. New general obligation improvement bonds totaling \$15,050,000 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				
		2015	2016	2017	2018	2019
DEBT SERVICE:						
FOR BONDS ISSUED PRIOR TO 2014	\$18,073,626	\$3,886,748	\$3,939,781	\$3,680,189	\$3,471,790	\$3,095,118
FOR BONDS ISSUED IN 2014	3,860,701	800,369	788,954	773,343	761,061	736,974
FOR IMPROVEMENT BONDS ISSUED 2015-2019	2,251,000	0	227,000	357,000	658,000	1,009,000
DEBT SERVICE TOTAL	24,185,327	4,687,117	4,955,735	4,810,532	4,890,851	4,841,092
CAPITAL IMPROVEMENT PROJECTS	825,000	165,000	165,000	165,000	165,000	165,000
FIRE TRUCK REPLACEMENT	200,000	0	50,000	50,000	50,000	50,000
PD SQUAD/EQUIP REPLACEMENT	1,275,000	255,000	255,000	255,000	255,000	255,000
STREET IMPROVEMENTS	1,250,000	250,000	250,000	250,000	250,000	250,000
REDEVELOPMENT	160,000	0	40,000	40,000	40,000	40,000
MAPLEWOOD AREA EDA	446,350	89,270	89,270	89,270	89,270	89,270
TOTAL	\$28,341,677	\$5,446,387	\$5,805,005	\$5,659,802	\$5,740,121	\$5,690,362

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 levy for the Capital Improvement Projects Fund was \$180,000 for 2014. In order to finance the 2015-2019 C.I.P., the tax levy will need to total \$825,000 over the next five years.

The Fire Truck Replacement Fund was established in 1999. The tax levy for this fund was \$50,000 in 2014. A continued annual tax levy of \$50,000 for years 2016-2019 is required in order to replace fire trucks after they are 20 years old.

The PD Squad/Equipment Replacement Fund is being established for 2015. The fund will be used to finance squad and equipment replacement for the police department. These costs have previously been included in the General Fund. It is proposed that an annual tax levy of \$255,000 be established to help offset future costs.

It is being proposed to establish a levy for street improvement cost overruns on the TH36/English interchange project instead of levying for them in the General Fund or Capital Improvement Projects Fund and transferring the funds to the affected street project. This levy will be removed once the costs have been covered.

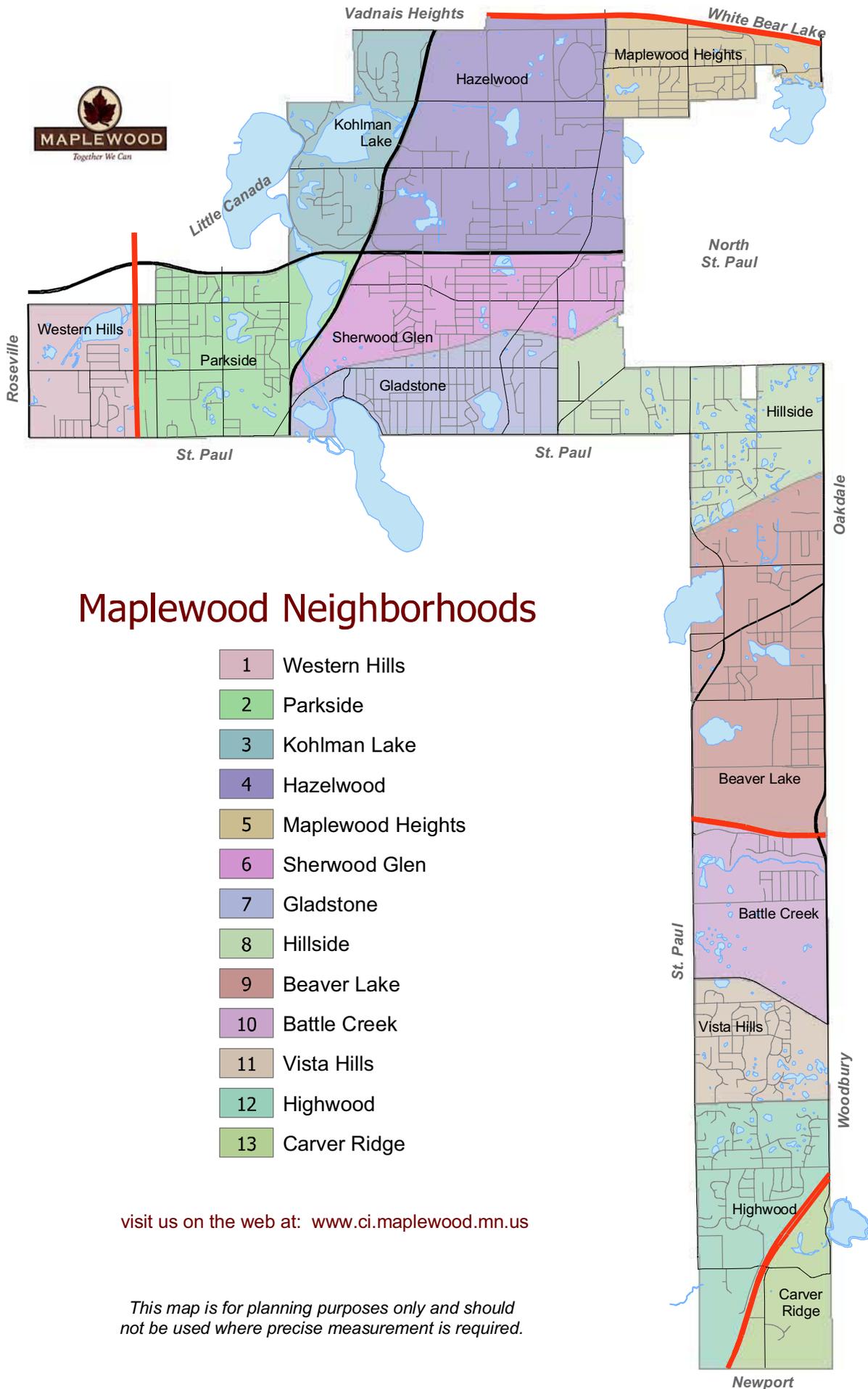
The Redevelopment Fund accounts for cash assets that are for redevelopment including a housing rehabilitation and replacement program that is designed to eliminate scattered blighted housing, provide new housing, and provide funds for rehabilitation and repair. The tax levy for this fund was \$40,000 in 2014. A continued annual tax levy of \$40,000 for years 2016-2019 is required to finance the housing program and other redevelopment.

The Maplewood Area EDA was established in 2009 and implemented a .5% tax levy beginning with taxes payable in 2013.

Overall, the projects included within the 2015-2019 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.



## Maplewood Neighborhoods

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

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

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Western Hills - Neighborhood #1

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

No projects are planned for this neighborhood.

---

Neighborhood Population

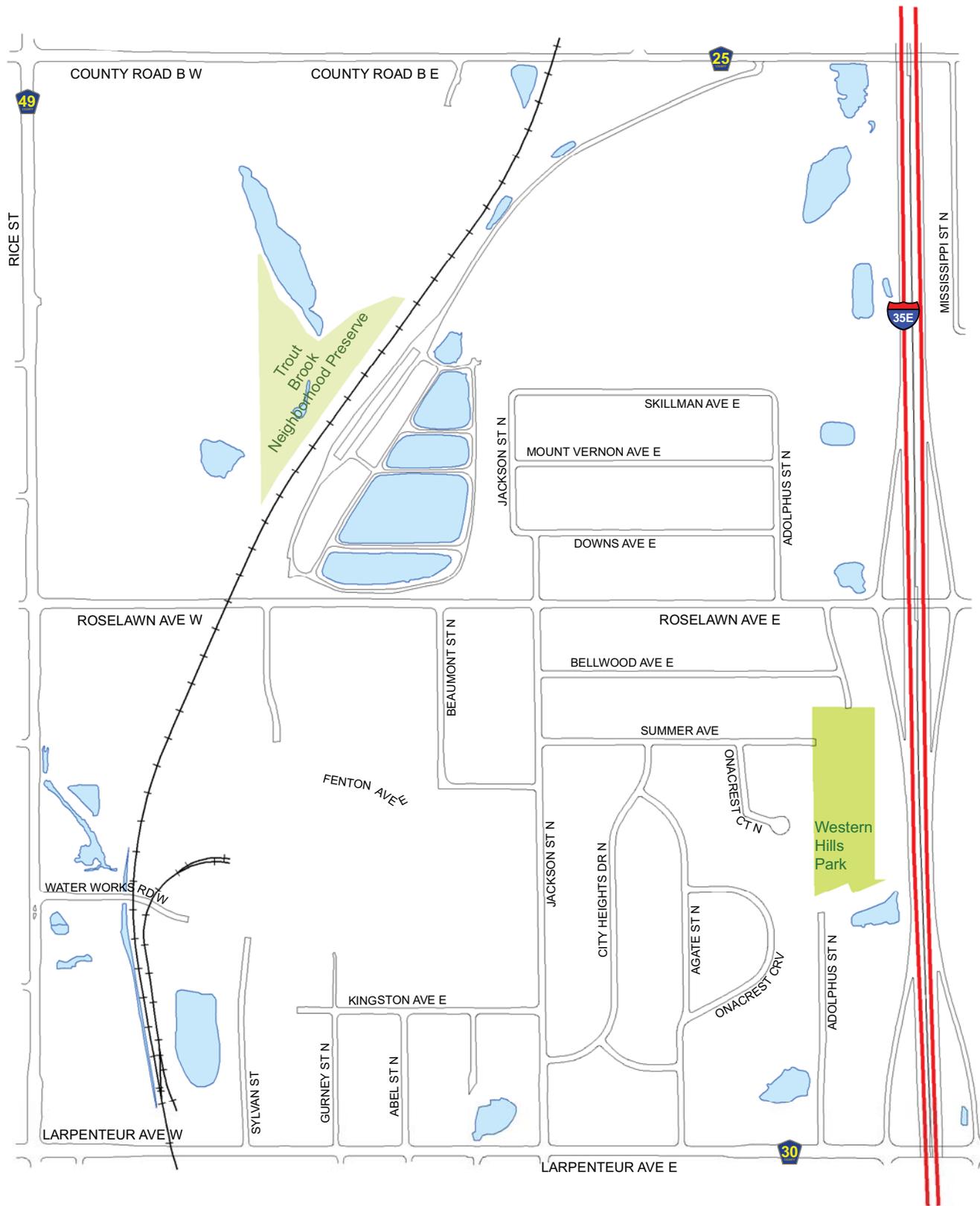
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2010 – 1,505

Breakdown by density:

Fully developed – 1,700

- 790 – Low density
- 37 – medium density
- 873 – High density



# Western Hills Neighborhood #1

CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 – 2019

Projects Located in  
Parkside - Neighborhood #2

<u>Map Legend</u>	<u>Project Description</u>	<u>C.I.P. Project #</u>
-----------------------	----------------------------	-----------------------------

No projects are planned for this neighborhood.

---

Neighborhood Population

---

2010 – 4,987

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  
2015 – 2019

Projects Located in  
Kohlman Lake - Neighborhood #3

<u>Map Legend</u>	<u>Project Description</u>	<u>C.I.P. Project #</u>
-----------------------	----------------------------	-----------------------------

No projects are planned for this neighborhood.

---

Neighborhood Population

---

2010 – 1,874

Breakdown by density:

Fully developed – 2,490

2,133 – Low density

357 – medium density

0 – High density



# Kohlman Lake Neighborhood #3

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Hazelwood - Neighborhood #4

Map Legend	Project Description	C.I.P. Project #
A	White Bear Ave/I694 Interchange Project	PW15.080
B	Replacement of Fire Station	FD10.011

Neighborhood Population

---

2010 – 3,853

Breakdown by density:

Fully developed – 3,895

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



**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** White Bear Ave / I694 Interchange Project      **TOTAL COST:** \$500,000

**PROJECT NUMBER:** PW15.080      **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Ramsey County Lead Interchange Project

**JUSTIFICATION:**

According to Ramsey County's TIP (Transportation Improvement Plan) the county is leading an interchange project at the intersection of White Bear Avenue and Interstate 694. This project is currently proposed to be constructed in 2018. The city's estimated share for these would be scheduled to be paid in the year the project is constructed. It should be noted that the date for this project is subject to change and this project serves as a place holder for the proposed project.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Bonds-G.O. Improvement	0	0	0	0	500,000	0	500,000

		<b>PROJECT COSTS</b>	
<b>PROJECT STARTING DATE:</b>	June 2018	<b>Preliminaries:</b>	\$0
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b>	October 2018	<b>Construction:</b>	\$500,000
		<b>Equipment and Other:</b>	\$0
<b>NEIGHBORHOOD:</b>	04 - Hazelwood	<b>Project Costs:</b>	\$500,000

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Replacement of Fire Station **TOTAL COST:** \$2,000,000

**PROJECT NUMBER:** FD10.011 **PROJECT CATEGORY:** Building Maintenance

**DESCRIPTION:** Remodel Hazelwood Fire Station #3

**JUSTIFICATION:**

In 2011, the city council approved the new staffing model of the fire department and at the same time approved the fire department going from five fire stations to three. In order to better serve our community, one new station needed to be built in the middle of the city's leg which is currently under construction and set to open in November 2014. The other two would be remodeled at their current locations.

In 2015, our goal is to start remodeling the station that is located at the intersection of Hazelwood and County Road C. This station will become our North District Station Number Three. Over the years, this station has become one of our highest call volume stations. Currently, the facility is only capable of having two firefighters staffed around the clock. Our goal, over the next one to six years, is to have all of our stations staffed with six firefighters around the clock. The current station was built over 40 years ago with the energy efficiencies that were available at that time. With the remodeling of this station, today's energy efficiencies will be built in along with additional storage, one additional truck bay and sleeping quarters that will meet our needs into the foreseeable future. Our goal is to start construction in the spring of 2015 and be operational by November 2015. The necessary changes to this station will allow the Maplewood Fire Department to continue to provide outstanding service to its residents and those that visit and work in our fine city. Any delay in remodeling this station has a high potential for a decrease in our service level as we continue to have substantial increases in our calls for emergency services.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Proceeds from Sale of Property	0	0	2,000,000	0	0	0	2,000,000

<p><b>PROJECT STARTING DATE:</b> January 2016</p> <p><b>PROJECT COMPLETION DATE:</b> December 2016</p> <p><b>NEIGHBORHOOD:</b> 04 - Hazelwood</p>	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$2,000,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$2,000,000</b>

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Maplewood Heights - Neighborhood #5

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

No projects are planned for this neighborhood.

Neighborhood Population

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2010 – 2,685

Breakdown by density:

Fully developed – 2,929

1,549 – Low density

1,300 – medium density

80 – High density



# Maplewood Heights Neighborhood #5

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Sherwood Glen - Neighborhood #6

Map Legend	Project Description	C.I.P. Project #
A	Community Center Facility Management	PM15.050

Neighborhood Population

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2010 – 3,466

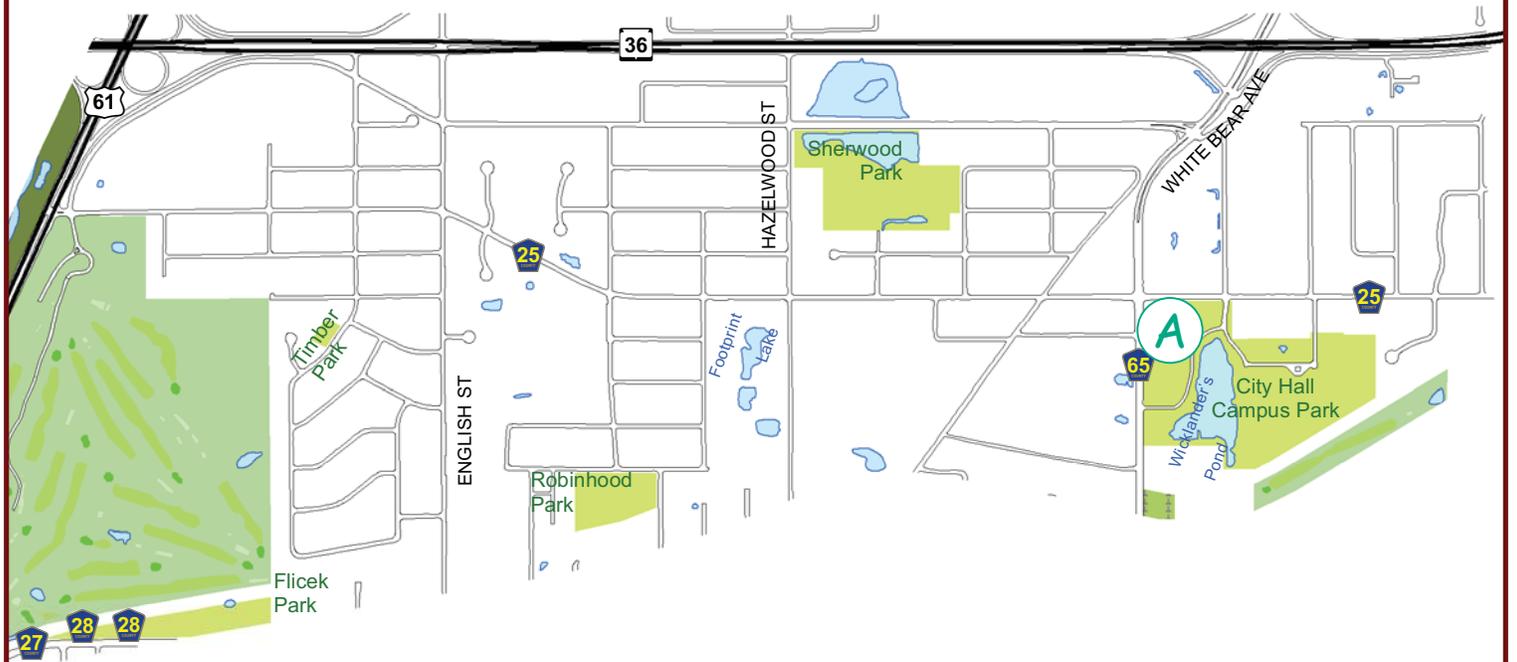
Breakdown by density:

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 2015 - 2019

**PROJECT TITLE:** Community Center Facility Management **TOTAL COST:** \$5,280,000

**PROJECT NUMBER:** PM15.050 **PROJECT CATEGORY:** Building Maintenance

**DESCRIPTION:** Implementation of Asset Management Plan

**JUSTIFICATION:**

The Community Center is now 20 years old and the building is showing signs of wear and tear. An Asset Management Plan was developed in 2014 which prioritizes future repair and maintenance issues and provides cost information for budgeting purposes. The results from the plan assigned the MCC a .24 Facility Condition Index (FCI) value. The FCI is an industry standard metric that objectively measures the current condition of a facility and allows you to quickly compare it against an industry wide standard.

If a structure has an FCI of .50 or higher, the owner may want to consider the option of a new facility since the cost to correct deficiencies over the next five years is half the cost of the current structure. The current replacement value of the MCC is approximately \$22 million. The Asset Management Plan identifies \$5.2 million dollars of repairs over the next five years which results in a .24 FCI value. Measured using an industry standard scale, .24 is considered fair. The plan also calls for additional funds to be invested in the facility in years 2020-2030. These costs will be reflected in future CIP plans.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Bonds-Tax Abatement	0	2,500,000	580,000	1,200,000	0	1,000,000	5,280,000

<b>PROJECT STARTING DATE:</b> January 2015  <b>PROJECT COMPLETION DATE:</b> December 2018  <b>NEIGHBORHOOD:</b> 06 - Sherwood Glen	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$5,280,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	\$5,280,000

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Gladstone - Neighborhood #7

Map Legend	Project Description	C.I.P. Project #
A	Rehabilitation of Fire Station	FD10.012
B	Gladstone – Phase II	PW14.070
C	Gladstone Savanna Improvements	PM08.050
D	Gladstone Area Redevelopment	CD15.010

Neighborhood Population

---

2010 – 3,034

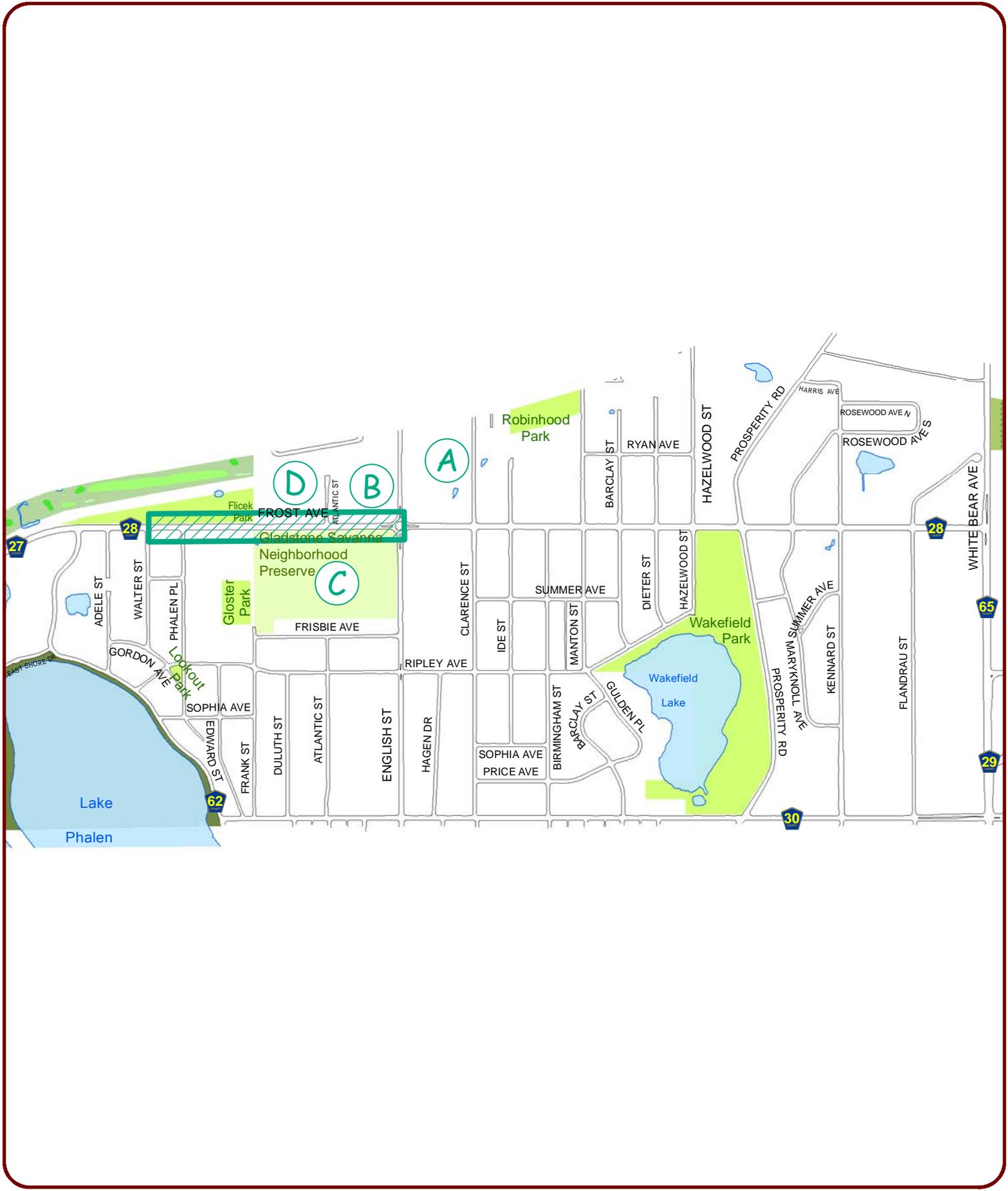
Breakdown by density:

Fully developed – 3,586

3,027 – Low density

422 – medium density

137 – High density



# Gladstone Neighborhood #7

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Rehabilitation of Fire Station **TOTAL COST:** \$1,000,000

**PROJECT NUMBER:** FD10.012 **PROJECT CATEGORY:** Building Maintenance

**DESCRIPTION:** Rehab Gladstone Fire Station #2

**JUSTIFICATION:**

In 2011, the city council approved the new staffing model of the fire department and at the same time approved the fire department going from five fire stations to three. In order to better serve our community, one new station needed to be built in the middle of the city's leg which is currently under construction and set to open in November 2014. The other two would be remodeled at their current locations.

In 2016, our goal is to start remodeling the station that is located at 1955 Clarence Street. This station will become our Central District Station Number Two. Over the years, this station has had the highest call volume of all our stations. Currently, the facility is only capable of having four firefighters staffed around the clock. Our goal, over the next one to six years, is to have all stations staffed with six firefighters around the clock. The current station was built in 2000 and had to be scaled back due to the high cost of construction at that time. Even though this station is only 14 years old, many changes have been made in energy efficiencies in this short period of time. With the remodeling of this station, today's energy efficiencies will be built in along with additional storage, more office space and sleeping quarters that will meet our needs into the foreseeable future. Our goal is to start construction in the spring of 2016 and be in operation by November of 2016. The necessary changes to this station will allow the Maplewood Fire Department to continue to provide outstanding service to its residents and those that visit and work in our fine city. Any delay in remodeling this station has a high potential for a decrease in our service level as we continue to have substantial increases in our calls for emergency services.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Proceeds from Sale of Property	0	0	0	1,000,000	0	0	1,000,000

<p><b>PROJECT STARTING DATE:</b> January 2017</p> <p><b>PROJECT COMPLETION DATE:</b> December 2017</p> <p><b>NEIGHBORHOOD:</b> 07 - Gladstone</p>	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$1,000,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$1,000,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Gladstone - Phase II **TOTAL COST:** \$3,425,000

**PROJECT NUMBER:** PW14.070 **PROJECT CATEGORY:** Redevelopment

**DESCRIPTION:** Redevelopment of Gladstone Area

**JUSTIFICATION:**

The second phase of Gladstone is proposed to include improvements from Phalen Place (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, sidewalks, trails, enhancements to the park entrances 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 secured at this time. The source for the City Funds shown below will be identified prior to the project being put out for bid.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Grants	0	900,000	0	0	0	0	900,000
Sanitary Sewer Fund	0	60,800	0	0	0	0	60,800
Environmental Utility Fund	0	285,000	0	0	0	0	285,000
Park Development Fund	0	130,000	0	0	0	0	130,000
Street Light Utility Fund	0	561,000	0	0	0	0	561,000
Bonds-Tax Increment	200,000	1,288,200	0	0	0	0	1,488,200

<b>PROJECT STARTING DATE:</b> February 2014  <b>PROJECT COMPLETION DATE:</b> August 2015  <b>NEIGHBORHOOD:</b> 07 - Gladstone	PROJECT COSTS	
	<b>Preliminaries:</b>	\$200,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$3,225,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$3,425,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Gladstone Savanna Improvements **TOTAL COST:** \$2,180,000

**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 a neighborhood undergoing redevelopment, the improvements at the preserve will be a focal point of the neighborhood and will celebrate Maplewood's cultural and natural heritage. Phase I improvements were completed in 2012 and included: 1) soil remediation, 2) rain garden/storm basin, 3) brush removal, 4) trails, 5) historical/archeological investigation, 6) seeded cover crop. In 2014, the site is being seeded to native prairie species. Future improvements call for additional restoration work and installation of: corner entry, three minor entries, playground, rail-to-trail feature, arbors, sitting area near old well, and interpretive features (historical and natural resources).

This project will only move forward if money needed from PAC Fund comes from new developers.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Environmental Utility Fund	100,000	0	0	50,000	50,000	0	200,000
Bonds-Special Assessment	400,000	0	0	0	0	0	400,000
Bonds-G.O. Improvement	200,000	0	0	0	0	0	200,000
Park Development Fund	280,000	250,000	450,000	250,000	0	0	1,230,000
Grants	0	0	150,000	0	0	0	150,000

<b>PROJECT STARTING DATE:</b> July 2012  <b>PROJECT COMPLETION DATE:</b> November 2018  <b>NEIGHBORHOOD:</b> 07 - Gladstone	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$300,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$1,880,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$2,180,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Gladstone Area Redevelopment **TOTAL COST:** \$2,000,000

**PROJECT NUMBER:** CD15.010 **PROJECT CATEGORY:** Redevelopment

**DESCRIPTION:** Gladstone Area Land Acquisition and Business Relocation

**JUSTIFICATION:**

The redevelopment of the Gladstone area is underway. Phase 1 street, landscape and roadway improvements have been completed. Plans are underway for Phase 2 public improvements beginning in 2014/2015. The Shores senior housing project on Phalen Place was constructed in 2012 and 50 future units are to be completed by 2017. In addition, redevelopment is planned to occur in 2015 on the Maplewood Bowl site, resulting in 120 affordable and market rate senior housing.

The third phase will include funding for the acquisition of property for redevelopment. Specific properties will be identified and the City may act as developer or in agreement with a private developer to acquire and demolish existing buildings and property for development in accordance with the approved Gladstone Master Plan.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Bonds-Tax Increment	0	0	0	0	1,900,000	0	1,900,000
Economic Development Authority	0	0	100,000	0	0	0	100,000

<b>PROJECT STARTING DATE:</b> June 2016  <b>PROJECT COMPLETION DATE:</b> November 2020  <b>NEIGHBORHOOD:</b> 07 - Gladstone	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$200,000
	<b>Land Acquisition:</b>	\$1,800,000
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	\$2,000,000

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Hillside - Neighborhood #8

Map Legend	Project Description	C.I.P. Project #
A	Public Safety Training Facility	FD09.030
B	Goodrich Park Improvements	PM11.020
C	Beebe Road Street Improvements	PW14.060

Neighborhood Population

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2010 – 4,253

Breakdown by density:

Fully developed – 5,023

2,257 – Low density

2,517 – medium density

249 – High density



# Hillside Neighborhood #8

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**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Public Safety Training Facility **TOTAL COST:** \$5,810,000

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

**DESCRIPTION:** East Metro Public Safety Training Facility

**JUSTIFICATION:**

The East Metro Public Safety Training Facility will be operational by mid-June 2014, along with the nature trail. At that time, the burn building with the propane props and the burn tower, will be available for training by all public safety disciplines. Currently, we are seeking an additional \$1.8 million dollars in bonding funds for completion of phase 2 of the project. Phase 2 will provide us with the commercial burn building and apartment units that will be attached to the burn tower. The second building will be our simulation building with classroom. The simulation building will be used for training during inclement weather and the winter months. This building will allow us to do the necessary training to keep our fire, police and EMS skills sharp 12 months a year. If we receive the additional \$1.8 million dollars, we will be able to complete the East Metro Public Safety Training Facility and meet our current needs. If we are not successful in receiving the bonding funds, we will put phase 2 on hold and try again in 2015 for bonding funds..

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
St. Paul Water	55,000	0	0	0	0	0	55,000
Sanitary Sewer Fund	50,000	0	0	0	0	0	50,000
St. Paul W.A.C. Fund	50,000	0	0	0	0	0	50,000
Mn/DOT	55,000	0	0	0	0	0	55,000
Grants	3,000,000	0	1,000,000	650,000	0	0	4,650,000
Ramsey County	450,000	0	0	0	0	0	450,000
Environmental Utility Fund	250,000	0	0	0	0	0	250,000
C.I.P. Fund	250,000	0	0	0	0	0	250,000

<b>PROJECT STARTING DATE:</b> January 2012	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$500,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$5,310,000
	<b>Equipment and Other:</b>	\$0
<b>PROJECT COMPLETION DATE:</b> November 2017	<b>Project Costs:</b>	\$5,810,000
<b>NEIGHBORHOOD:</b> 08 - Hillside		

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Goodrich Park Improvements **TOTAL COST:** \$1,493,000

**PROJECT NUMBER:** PM11.020 **PROJECT CATEGORY:** Parks

**DESCRIPTION:** Goodrich Park Improvements

**JUSTIFICATION:**

Goodrich Park is a 25 Acre Park located at 1980 North Saint Paul Road. This park is the host site for our adult softball program and is in extremely poor condition. There is significant erosion, standing water, drainage problems, parking issues, and the playground is in need of replacement. In 2011, phase one of the redevelopment plan was completed with the installation of new lighting on Field #1. In 2012, under City Council and the Parks and Recreation Commission direction, staff will be changing the name of Goodrich Park to Goodrich Veteran's Memorial Park to honor our veterans. In addition to the funding requested from the Park Development Fund, staff will be actively looking for grants and alternative funding to help offset the cost of this project.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Grants	0	0	250,000	0	0	0	250,000
Park Development Fund	268,000	375,000	300,000	100,000	200,000	0	1,243,000

<b>PROJECT STARTING DATE:</b> April 2011  <b>PROJECT COMPLETION DATE:</b> October 2016  <b>NEIGHBORHOOD:</b> 08 - Hillside	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$18,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$1,475,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$1,493,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Beebe Road Street Improvements **TOTAL COST:** \$1,730,000

**PROJECT NUMBER:** PW14.060 **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Neighborhood Area Street Reconstruction

**JUSTIFICATION:**

Beebe Road is a state aid route approximately ½ mile in length. A majority of funding will come from gas taxes (MSA Funds). Beebe Road is proposed for full reconstruction in 2016. The pavement condition rating in recent years has dropped significantly and is currently at 13 out of 100. The existing project area currently has concrete curb and gutter along with a storm sewer system. The proposed project will also include pavement replacement, sidewalks, trails and storm water quality features. The engineering department has received a number of complaints about the rough driving conditions. We will continue to work with the area townhome association, school, and others area stakeholders to help shape a future project. Project includes \$30,000 for fog seal preventative maintenance treatment (area to be determined).

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Environmental Utility Fund	0	0	172,500	0	0	0	172,500
Bonds-G.O. Improvement	60,000	90,000	368,620	0	0	0	518,620
State Aid	0	0	725,000	0	0	0	725,000
St. Paul Water	0	0	34,500	0	0	0	34,500
St. Paul W.A.C. Fund	0	0	34,500	0	0	0	34,500
Sanitary Sewer Fund	0	0	58,000	0	0	0	58,000
Bonds-Special Assessment	0	0	186,880	0	0	0	186,880

<b>PROJECT STARTING DATE:</b> June 2016  <b>PROJECT COMPLETION DATE:</b> October 2016  <b>NEIGHBORHOOD:</b> 08 - Hillside	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$150,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$1,580,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$1,730,000</b>

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Beaver Lake - Neighborhood #9

Map Legend	Project Description	C.I.P. Project #
A	Farrell/Ferndale Area Street Improvements	PW09.080

Neighborhood Population

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2010 – 5,142

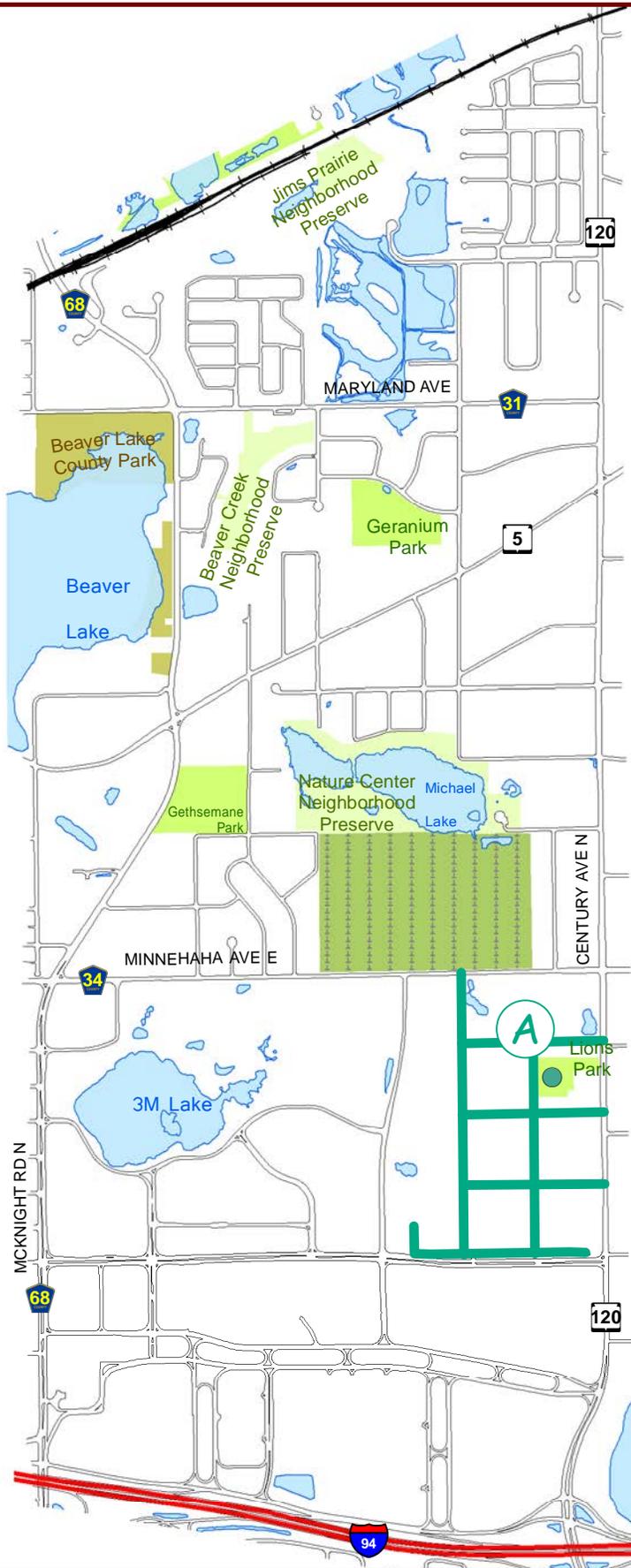
Breakdown by density:

Fully developed – 5,646

2,173 – Low density

2,958 – medium density

515 – High density



# Beaver Lake Neighborhood #9

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# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Farrell/Ferndale Area Street Improvements **TOTAL COST:** \$7,270,000

**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 proposed project will also include new trails and sidewalks. The following streets are included in the improvements: Margaret Ave, 5th Ave, Fremont Ave, Farrell St, Ferndale St, Conway Service Dr, Mayhill Rd and 7th St. Project includes \$30,000 for fog seal preventative maintenance treatment (area to be determined).

2.0 miles of street, Average PCI: 32/100.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Bonds-G.O. Improvement	0	0	100,000	100,000	3,166,800	0	3,366,800
Bonds-Special Assessment	0	0	0	0	828,200	0	828,200
Sanitary Sewer Fund	0	0	0	0	480,000	0	480,000
St. Paul W.A.C. Fund	0	0	0	0	277,000	0	277,000
Environmental Utility Fund	0	0	0	0	1,497,000	0	1,497,000
St. Paul Water	0	0	0	0	821,000	0	821,000

		PROJECT COSTS	
<b>PROJECT STARTING DATE:</b>	June 2018	<b>Preliminaries:</b>	\$200,000
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b>	October 2018	<b>Construction:</b>	\$7,070,000
		<b>Equipment and Other:</b>	\$0
<b>NEIGHBORHOOD:</b>	09 - Beaver Lake	<b>Project Costs:</b>	\$7,270,000

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Battle Creek - Neighborhood #10

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

Neighborhood Population

---

2010 – 1,432

Breakdown by density:

Fully developed – 1,470

1,270 – Low density

0 – medium density

200 – High density



# Battle Creek Neighborhood #10

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# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Dennis/McClelland Area Street Improvements **TOTAL COST:** \$6,560,000

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

**DESCRIPTION:** Neighborhood Area Street Reconstruction

**JUSTIFICATION:**

These streets have continued to deteriorate and will require a full street reconstruction with the addition of concrete curb and gutter. The following streets are included in the improvements: Sterling St, James Dr, McClelland St, Ferndale St, Dennis Ln, O'Day St, Mayer Ln, Farrell St, and Mayhill Rd. Unique storm water treatment methods will be required in this area near Battle Creek along with installation of drainage infrastructure. The proposed project will also include pavement replacement, sidewalks and trails. Project includes \$30,000 for fog seal preventative maintenance treatment (area to be determined).

2.0 miles of streets, Average PCI: 36/100

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Bonds-G.O. Improvement	0	0	0	100,000	100,000	2,741,500	2,941,500
Bonds-Special Assessment	0	0	0	0	0	1,010,500	1,010,500
Sanitary Sewer Fund	0	0	0	0	0	312,000	312,000
St. Paul Water	0	0	0	0	0	681,000	681,000
St. Paul W.A.C. Fund	0	0	0	0	0	254,000	254,000
Environmental Utility Fund	0	0	0	0	0	1,361,000	1,361,000

<b>PROJECT STARTING DATE:</b> June 2019  <b>PROJECT COMPLETION DATE:</b> October 2019  <b>NEIGHBORHOOD:</b> 10 - Battle Creek	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$200,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$6,360,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$6,560,000</b>

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Vista Hills - Neighborhood #11

Map Legend	Project Description	C.I.P. Project #
A	Sterling Street – Linwood Ave to Londin Ln	PW15.090

Neighborhood Population

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2010 – 2,589

Breakdown by density:

Fully developed – 2,805

1,143 – Low density

1,642 – medium density

20 – High density



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**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Sterling Street - Linwood Avenue to Londin Lane      **TOTAL COST:** \$570,000

**PROJECT NUMBER:** PW15.090      **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Pavement Replacement

**JUSTIFICATION:**

The condition of Sterling Street from Linwood Avenue to Londin Lane is in poor condition and in need of repair. This section of Sterling Street has existing concrete curb and gutter that will be maintained. The pavement shows signs of delamination or raveling of the top 1/2" to 1" of the bituminous surface.

0.7 miles of streets, Average PCI 40/100

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Bonds-G.O. Improvement	0	40,000	287,640	0	0	0	327,640
Bonds-Special Assessment	0	0	162,560	0	0	0	162,560
St. Paul Water	0	0	17,100	0	0	0	17,100
St. Paul W.A.C. Fund	0	0	17,100	0	0	0	17,100
Environmental Utility Fund	0	0	28,500	0	0	0	28,500
Sanitary Sewer Fund	0	0	17,100	0	0	0	17,100

		<b>PROJECT COSTS</b>	
<b>PROJECT STARTING DATE:</b>	June 2016	<b>Preliminaries:</b>	\$40,000
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b>	October 2016	<b>Construction:</b>	\$530,000
		<b>Equipment and Other:</b>	\$0
<b>NEIGHBORHOOD:</b>	11 - Vista Hills	<b>Project Costs:</b>	\$570,000

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Highwood - Neighborhood #12

Map Legend	Project Description	C.I.P. Project #
A	Fish Creek Open Space	PM11.010
B	Lakewood/Sterling Area Streets	PW08.050
C	Regional Police Firearms Training Range	PD15.060

Neighborhood Population

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2010 – 3,028

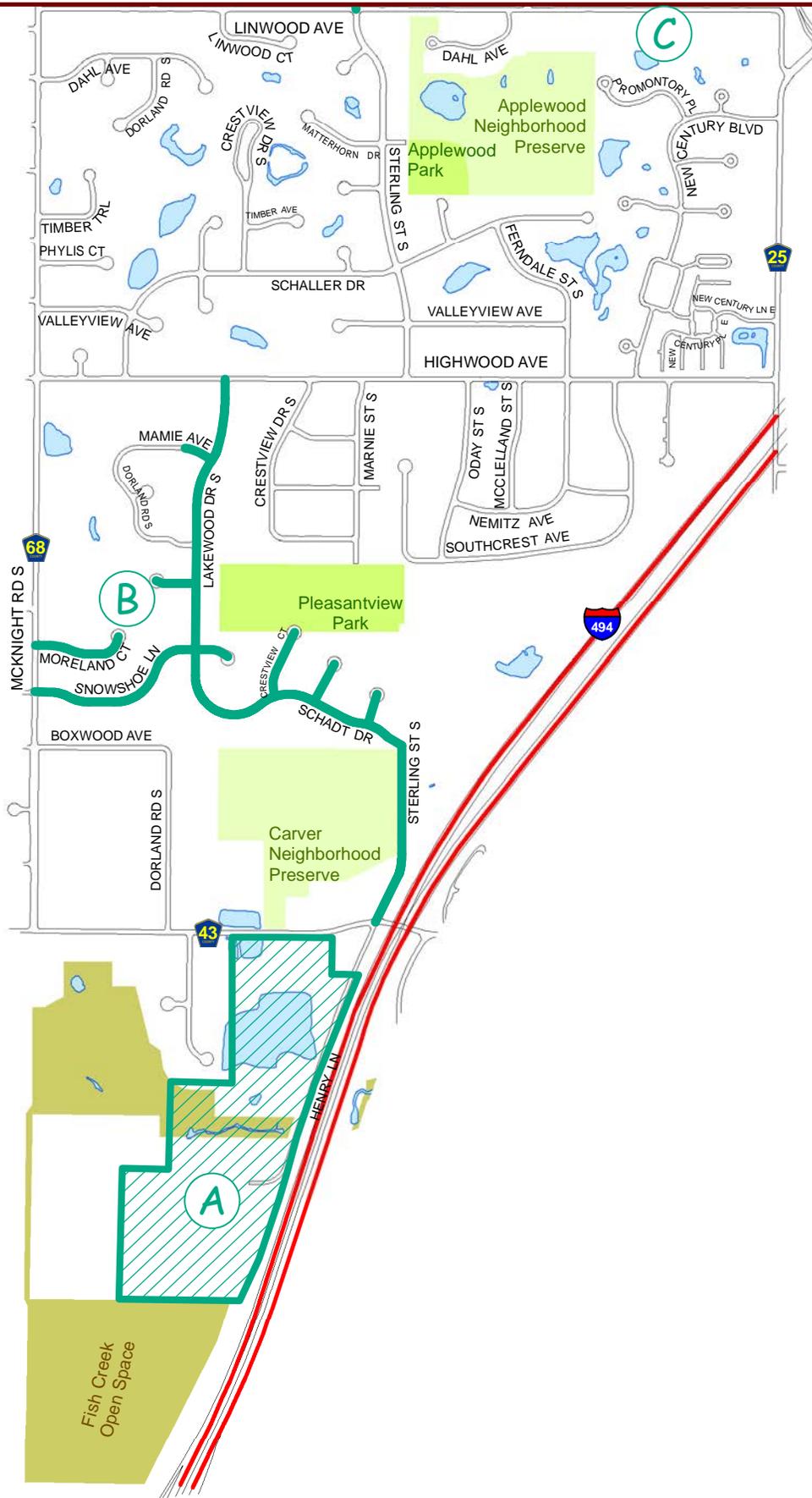
Breakdown by density:

Fully developed – 3,106

2,906 – Low density

200 – medium density

0 – High density



# Highwood Neighborhood #12

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# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Fish Creek Open Space **TOTAL COST:** \$2,248,290

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

**DESCRIPTION:** Fish Creek Open Space

**JUSTIFICATION:**

In December of 2013, Maplewood acquired the 70-acre Fish Creek site. Under a Joint Powers Agreement, twenty acres of the site will be deeded to Ramsey County. The City and County developed a site master plan together, which was approved by Maplewood City Council in 2012. Woodland and prairie restoration were conducted on the site in 2012-2014, by Great River Greening and others. Plans include conducting further archeological investigation at the site in 2014/2015. Construction of site improvements would begin in 2016 with installation of: Parking lot, trailhead, kiosk, asphalt trail, rustic trail, overlook sitting areas, and signage. Due to the City receiving money in the state bonding bill staff no longer is exploring the option of selling a the north 8 acres of this property.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Ramsey County	425,000	0	0	0	0	0	425,000
Grants	893,290	30,000	50,000	0	0	0	973,290
Park Development Fund	425,000	0	150,000	0	0	100,000	675,000
RWMWD	175,000	0	0	0	0	0	175,000

<b>PROJECT STARTING DATE:</b> June 2011  <b>PROJECT COMPLETION DATE:</b> December 2019  <b>NEIGHBORHOOD:</b> 12 - Highwood	PROJECT COSTS	
	<b>Preliminaries:</b>	\$160,000
	<b>Land Acquisition:</b>	\$1,900,000
	<b>Construction:</b>	\$188,290
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$2,248,290</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Lakewood/Sterling Area Streets **TOTAL COST:** \$3,280,000

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

**DESCRIPTION:** Neighborhood Area Street Reconstruction

**JUSTIFICATION:**

The 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, Oak Heights Court, Marnie Avenue, Mary Place, Marnie Court, Snowshoe Court, Boxwood Avenue and Crestview Court. These streets have curb and gutter which will be maintained and the existing pavement is proposed to be removed and replaced. Sterling Street and Dorland Road are proposed to be fully reconstructed as part of this project. The proposed project will also include pavement replacement, sidewalks, trails, and storm water quality features. Project includes \$30,000 for fog seal preventative maintenance treatment (area to be determined).

2.2 miles of street, Average PCI 27/100

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Bonds-G.O. Improvement	0	100,000	100,000	1,915,300	0	0	2,115,300
Bonds-Special Assessment	0	0	0	502,000	0	0	502,000
Sanitary Sewer Fund	0	0	0	83,100	0	0	83,100
St. Paul Water	0	0	0	83,100	0	0	83,100
Environmental Utility Fund	0	0	0	413,400	0	0	413,400
St. Paul W.A.C. Fund	0	0	0	83,100	0	0	83,100

		PROJECT COSTS	
<b>PROJECT STARTING DATE:</b>	June 2017	<b>Preliminaries:</b>	\$200,000
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b>	October 2017	<b>Construction:</b>	\$3,080,000
		<b>Equipment and Other:</b>	\$0
<b>NEIGHBORHOOD:</b>	12 - Highwood	<b>Project Costs:</b>	\$3,280,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Regional Police Firearms Training Range      **TOTAL COST:** \$125,000

**PROJECT NUMBER:** PD15.060      **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Capital investment in shared Regional Police Firearms Training Range

**JUSTIFICATION:**

This project represents allocation of funding for Maplewood to join a consortium of East Metro communities in the design, development, building, and operation of a Regional Police Firearms Training Range. At present Cottage Grove Police have made a Minnesota bonding request for the purpose of planning a regional firearms training range. Additionally, the City of St. Paul plans to seek funding for a similar facility. There has been a series of discussions about the possible development of a Regional Range that would be shared and governed by a number of East Metro law enforcement agencies. Key to this funding request is the consideration that the new facility meet current and future needs and results in the closure of the South Maplewood outdoor range currently operated by the St. Paul Police Department on a long term lease basis. Closure of the South Maplewood range provides opportunity for site clean-up. Once any environmental hazards are removed, the site is a prime location for residential redevelopment. Planning and capital investment in such a project provides a much needed resource for the police department and addresses on-going neighborhood and environmental concerns, while paving the way for taxable site development. The Regional Range is expected to cost \$3 to \$5 million dollars and would largely be funded by state issued bond funds.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
C.I.P. Fund	0	0	25,000	100,000	0	0	125,000

<b>PROJECT STARTING DATE:</b> January 2016	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$25,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$0
	<b>Equipment and Other:</b>	\$100,000
<b>PROJECT COMPLETION DATE:</b> December 2017	<b>Project Costs:</b>	\$125,000
<b>NEIGHBORHOOD:</b> 12 - Highwood		

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects Located in  
 Carver Ridge - Neighborhood #13

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

Neighborhood Population

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2010 – 170

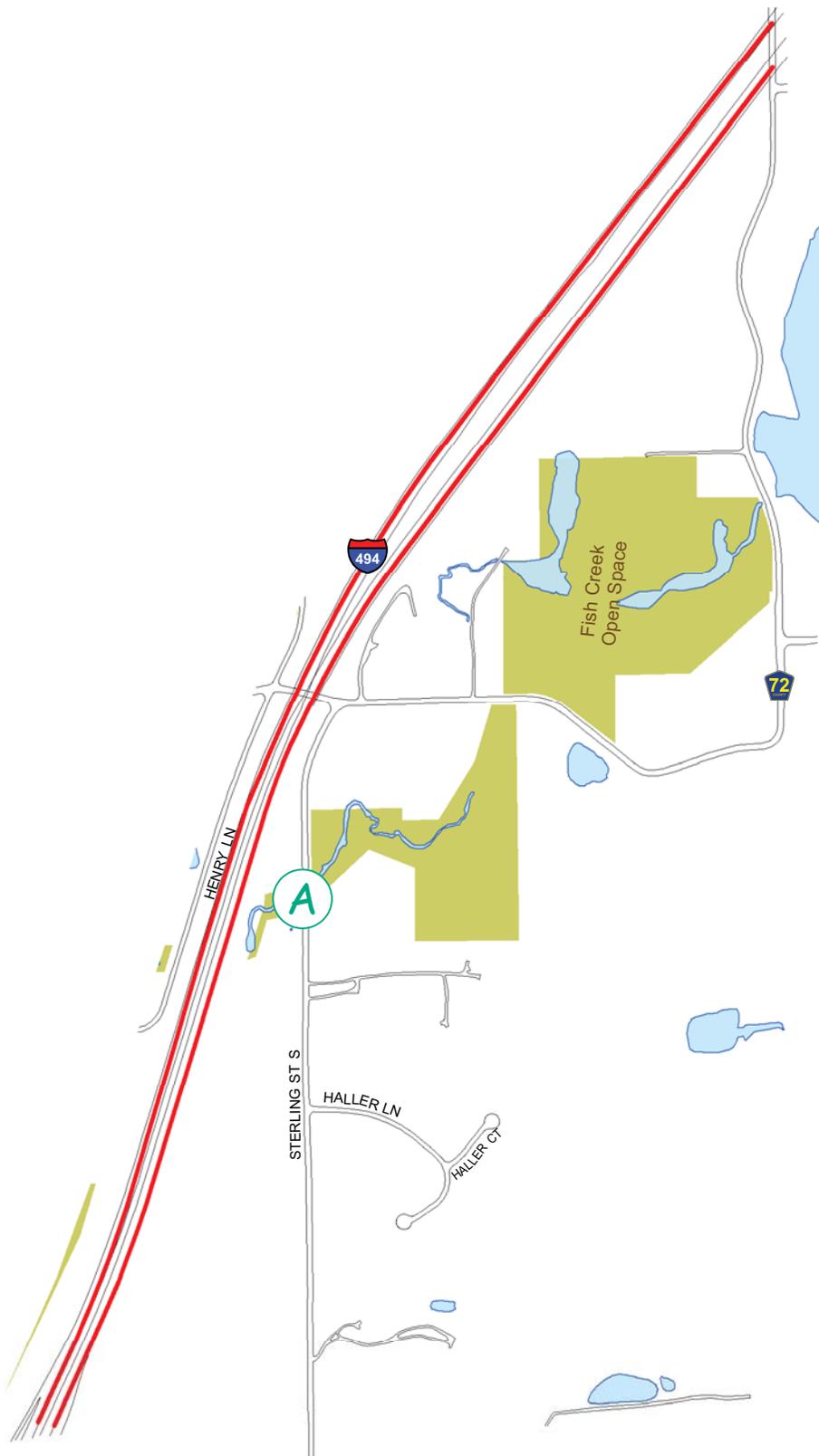
Breakdown by density:

Fully developed – 501

501 – Low density

0 – medium density

0 – High density



# Carver Ridge Neighborhood #13

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**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Sterling Street Bridge Replacement **TOTAL COST:** \$1,400,000

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

**DESCRIPTION:** Replacement of bridge

**JUSTIFICATION:**

The bridge on Sterling Street in south Maplewood is in need of replacement in the coming years and programmed for a 2019 replacement in accordance with the council adopted bridge program. State Bridge Funds are expected to pay for a majority of the cost of the project once it qualifies for funding as a result of condition.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Bonds-M.S.A.	0	0	0	0	100,000	115,000	215,000
Mn/DOT	0	0	0	0	0	1,185,000	1,185,000

<b>PROJECT STARTING DATE:</b> January 2018  <b>PROJECT COMPLETION DATE:</b> October 2019  <b>NEIGHBORHOOD:</b> 13 - Carver Ridge	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$100,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$1,300,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$1,400,000</b>

CITY OF MAPLEWOOD  
 CAPITAL IMPROVEMENT PLAN  
 2015 – 2019

Projects without a  
 Neighborhood Designation

Project Description	CIP Project #
Housing Replacement Program	CD02.010
Commercial Property Redevelopment	CD09.010
Replacement of Fire Truck	FD03.020
Ambulance Replacement	FD08.010
Ambulance Replacement	FD09.020
Replacement of SCBA Bottles	FD15.020
Election Equipment	IT12.010
Asset Management Software	IT15.010
Eden Systems Replacement	IT15.020
Laserfiche Update	IT15.030
Microsoft Office Upgrade	IT15.040
Council Chambers Improvements	IT15.050
Police Department Mobile Video	PD14.010
Squad Replacement	PD15.010
Records Management System	PD15.020
Squad Computer Replacement	PD15.030
Parks Upgrades to Existing Parks	PM07.010
Open Space Improvements	PM08.060
Park Systems Plan	PM14.030
Deer Removal	PM15.010
EAB Ash Removal and Planting	PM15.020
Lift Station Upgrade Program	PW03.210
Two Trailers	PW06.010
Three Wheel Truckster	PW06.060
1-Ton Truck	PW07.030
Two Toro Mowers	PW09.020
Single Axle Plow Truck	PW11.040
One ½ Ton Pickup	PW12.040
One Ton Truck	PW12.050
Single Axle Plow Truck	PW13.030
Street Sweeper	PW13.040

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 – 2019**

Pond Clean Out/Dredging Projects	PW14.010
Tandem Axle Plow Truck	PW14.020
ToolCat 5600	PW14.030
Single Axle Plow Truck	PW15.010
Water Tanker	PW15.020
One ½ Ton Truck	PW15.030
Crack Filler	PW15.040
Wood Chipper	PW15.050
Flood Remediation Projects	PW15.060
Sidewalk and Trail Improvements	PW15.070
Ramsey County Signal Projects	PW15.100

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

<b>PROJECT TITLE:</b> Housing Replacement Program	<b>TOTAL COST:</b> \$260,000
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<b>PROJECT NUMBER:</b> CD02.010	<b>PROJECT CATEGORY:</b> Redevelopment
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**DESCRIPTION:** Purchase vacant or dilapidated properties and prepare sites for new housing

**JUSTIFICATION:**

The primary purpose of the Housing Replacement Program is to prevent neighborhoods from deteriorating. If a single dwelling deteriorates to the point of becoming a detriment or an eyesore, it will have an effect on the surrounding area. Other property owners may not be motivated to care for or to improve their properties if they live near or next to a rundown house. With this in mind, the city council established the Housing Replacement Program. The city council also has adopted policy guidelines that set standards for the purchase and resale of these properties. The cost estimate is based on the premise of purchasing a minimum of one property every other year until the goals of the program change. The last use of funds for this program provided an upgrade to the property at Larpenteur and Adolphus to redevelop this property. Revenues for this program were dedicated to the Gladstone Neighborhood Redevelopment Program in 2005. No funds were allocated in 2006 - 2012. Monies in 2016 will begin to be utilized for a housing survey/10yr. Vision for the EDA/HEDC to work with.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Redevelopment Fund	100,000	0	80,000	0	80,000	0	260,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2014	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$260,000
<b>PROJECT COMPLETION DATE:</b> December 2019	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$0
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$260,000

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

<b>PROJECT TITLE:</b> Commercial Property Redevelopment	<b>TOTAL COST:</b> \$1,500,000
<b>PROJECT NUMBER:</b> CD09.010	<b>PROJECT CATEGORY:</b> Redevelopment
<b>DESCRIPTION:</b> Purchase vacant or dilapidated comm'l properties and prepare sites for new development	

**JUSTIFICATION:**

The primary purpose of the Commercial Property Redevelopment Program is to prevent neighborhoods from deteriorating. If a Commercial Property deteriorates to the point of becoming a detriment or an eyesore, it will have an effect on the surrounding area. Other property owners may not be motivated to care for or to improve their properties if they live near or next to a rundown property. The city council also has adopted policy guidelines that set standards for the purchase and resale of these properties. The cost estimate is based on the premise of purchasing a minimum of one property every other year until the goals of the program change. This is a city initiative under the direction of the HEDC working with the EDA.

Assumed revenue from sale of property:

2016: \$600,000

2018: \$600,000

Note: EDA function of property resale is net neutral.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Economic Development Authority	100,000	100,000	650,000	0	650,000	0	1,500,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> June 2014	<b>Preliminaries:</b> \$200,000
	<b>Land Acquisition:</b> \$1,300,000
<b>PROJECT COMPLETION DATE:</b> December 2019	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$0
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$1,500,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Replacement of Fire Truck **TOTAL COST:** \$493,490

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

**DESCRIPTION:** 1500GPM Fire Truck

**JUSTIFICATION:**

This truck will replace a 28-year-old fire truck which has significant rust issues as well as ongoing maintenance costs. The goal of our replacement program for fire trucks is to have all first line pumpers replaced every 20 years. At this time, we are eight years beyond our replacement program on this vehicle. This new vehicle will have upgraded technology as well as larger cabinet space and additional safety features built-in for firefighters.

Assumes sale of three old trucks in the next 2-3 years for \$150,000.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fire Truck Replacement Fund	0	0	0	493,490	0	0	493,490

		<b>PROJECT COSTS</b>	
<b>PROJECT STARTING DATE:</b> January 2017		<b>Preliminaries:</b>	\$0
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b> December 2017		<b>Construction:</b>	\$0
		<b>Equipment and Other:</b>	\$493,490
<b>NEIGHBORHOOD:</b> Not Designated		<b>Project Costs:</b>	\$493,490

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

<b>PROJECT TITLE:</b> Ambulance Replacement	<b>TOTAL COST:</b> \$215,000
<b>PROJECT NUMBER:</b> FD08.010	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Modular ALS Ambulance	

**JUSTIFICATION:**

Replacement of a 2000 Ford Road Rescue ambulance. The replacement of this ambulance is way beyond our ambulance replacement program. At the time this ambulance is replaced, it will have over 200,000 miles on it. The repair and maintenance costs of this ambulance have become significant over the past few years and it is old and wearing out. Our ambulance replacement program is designed to replace an ambulance every five to six years based on its condition.

Currently, we have one of our ambulances down for some type of repair weekly on average. We are also very concerned that due to the age and the condition of these vehicles, we could develop a breakdown causing a delay in our response time or when transporting a patient to a hospital.

Now that we are operating out of three fire stations, we no longer have the need for six ambulances to be in service. We have revised our ambulance replacement program from six ambulances to four that are necessary to be in service in order to meet our call volume. This will have a significant positive impact with our ambulance replacement program.

Plan is to go to 3 ambulances and 1 spare. Replacement schedule would be 1 ambulance every 2-3 years

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Ambulance Service Fund	0	0	0	0	215,000	0	215,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2018	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> September 2018	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$215,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$215,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

<b>PROJECT TITLE:</b> Ambulance Replacement	<b>TOTAL COST:</b> \$200,000
<b>PROJECT NUMBER:</b> FD09.020	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Modular ALS Ambulance	

**JUSTIFICATION:**

Replacement of a 1999 Ford Road Rescue ambulance. The replacement of this ambulance is way beyond our ambulance replacement program. At the time this ambulance is replaced, it will have over 200,000 miles on it. The repair and maintenance costs of this ambulance have become significant over the past few years and it is old and wearing out. Our ambulance replacement program is designed to replace an ambulance every five to six years based on its condition.

Currently, we have one of our ambulances down for some type of repair weekly on average. We are also very concerned that due to the age and the condition of these vehicles, we could develop a breakdown causing a delay in our response time or when transporting a patient to a hospital.

Now that we are operating out of three fire stations, we no longer have the need for six ambulances to be in service. We have revised our ambulance replacement program from six ambulances to four that are necessary to be in service in order to meet our call volume. This will have a significant positive impact with our ambulance replacement program.

Plan is to go to 3 ambulances and 1 spare. Replacement schedule would be 1 ambulance every 2-3 years.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Ambulance Service Fund	0	0	200,000	0	0	0	200,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2016	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> September 2016	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$200,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$200,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Replacement of SCBA Bottles **TOTAL COST:** \$80,000

**PROJECT NUMBER:** FD15.020 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Replace Outdated Breathing Air Bottles

**JUSTIFICATION:**

In 2000, the Maplewood Fire Department purchased new self-contained breathing apparatus (SCBA's). Currently, our SCBA system is three generations out from the most current SCBA systems on the market. Many of our current SCBA's are no longer in service and are actually being used for parts to keep our existing SCBA system in service. Currently, we have enough working SCBA's to fulfill our needs; however, due to their age and condition, replacement is critical. For the past three years, we have been writing grants for replacement of all of our SCBA's and spare bottles. In 2014, we once again applied for a grant to replace all of our SCBA's and spare bottles and we are awaiting their reply. If we do not receive total replacement of both the SCBA system and the spare bottles at the very least, we will be required to replace all of our SCBA bottles. The breathing apparatus bottles that are used to hold the air are due to expire in 2015. NFPA, as well as OSHA, require SCBA bottles to be replaced every 15 years. We will need to replace approximately 100 bottles at a cost of around \$80,000.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
C.I.P. Fund	0	80,000	0	0	0	0	80,000

		<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>	January 2015	<b>Construction:</b>	\$0
		<b>Equipment and Other:</b>	\$80,000
<b>NEIGHBORHOOD:</b>	Not Designated	<b>Project Costs:</b>	\$80,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

<b>PROJECT TITLE:</b> Election Equipment	<b>TOTAL COST:</b> \$120,000
<b>PROJECT NUMBER:</b> IT12.010	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Purchase of New Election Equipment	

**JUSTIFICATION:**

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

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
C.I.P. Fund	40,000	40,000	40,000	0	0	0	120,000

<p><b>PROJECT STARTING DATE:</b> February 2014</p> <p><b>PROJECT COMPLETION DATE:</b> February 2016</p> <p><b>NEIGHBORHOOD:</b> Not Designated</p>	<p><b>PROJECT COSTS</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"><b>Preliminaries:</b></td> <td style="width: 20%; text-align: right;">\$0</td> </tr> <tr> <td><b>Land Acquisition:</b></td> <td style="text-align: right;">\$0</td> </tr> <tr> <td><b>Construction:</b></td> <td style="text-align: right;">\$0</td> </tr> <tr> <td><b>Equipment and Other:</b></td> <td style="text-align: right;">\$120,000</td> </tr> <tr> <td><b>Project Costs:</b></td> <td style="text-align: right;">\$120,000</td> </tr> </table>	<b>Preliminaries:</b>	\$0	<b>Land Acquisition:</b>	\$0	<b>Construction:</b>	\$0	<b>Equipment and Other:</b>	\$120,000	<b>Project Costs:</b>	\$120,000
<b>Preliminaries:</b>	\$0										
<b>Land Acquisition:</b>	\$0										
<b>Construction:</b>	\$0										
<b>Equipment and Other:</b>	\$120,000										
<b>Project Costs:</b>	\$120,000										

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

<b>PROJECT TITLE:</b> Asset Management Software	<b>TOTAL COST:</b> \$155,000
<b>PROJECT NUMBER:</b> IT15.010	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Software application that will manage all aspects of all City assets.	

**JUSTIFICATION:**

Currently the City is using some smaller applications to manage some of our assets. This item is to allow for the purchase of an application that could manage all of our City assets collectively. This software would provide the ability to manage assets such as our buildings, streets, sanitary, parks, trails, etc. This purchase would allow us to paint a much more accurate picture when referring to ongoing costs associated with each of the various areas which in turn allows us to prepare and budget for those items. This software would also give us the opportunity to create and respond to maintenance tickets in the field for any resident or employee initiated items. Lastly, this software would provide us a centralized means for reporting for all of our various assets.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Information Technology Fund	0	40,000	115,000	0	0	0	155,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> April 2014	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> March 2016	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$155,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$155,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Eden Systems replacement **TOTAL COST:** \$165,000

**PROJECT NUMBER:** IT15.020 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Replacement of portions of Eden Systems software

**JUSTIFICATION:**

Currently we are using the application Eden Systems by Tyler Technologies to manage a variety of items within various City departments. While Eden Systems is not going away any time soon, they are not actively improving the application either. In some departments we have a need to become more mobile while also bringing resources closer to our applications/customers. This item would be to replace some modules of Eden Systems with a new application that would allow us those capabilities.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Information Technology Fund	0	0	65,000	0	0	100,000	165,000

<b>PROJECT STARTING DATE:</b> September 2015  <b>PROJECT COMPLETION DATE:</b> March 2016  <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>	\$165,000
	<b>Project Costs:</b>	<b>\$165,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

<b>PROJECT TITLE:</b> Laserfiche Update	<b>TOTAL COST:</b> \$65,000
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<b>PROJECT NUMBER:</b> IT15.030	<b>PROJECT CATEGORY:</b> Equipment
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**DESCRIPTION:** Upgrade of Laserfiche software & infrastructure

**JUSTIFICATION:**

The latest version of Laserfiche has been rolled out and is utilizing a different license structure. The new structure requires that we purchase an individual license for each person that will be uploading items into Laserfiche but will also allow those users additional access to modules and features that we currently do not have. These additional features will allow us to create workflow processes to automate much of our routine work. With this upgrade and with the recent interest in scanning of documents, this proposal also includes funds for additional storage to support the growing storage requirements.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Information Technology Fund	0	0	0	40,000	25,000	0	65,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> June 2015	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> March 2016	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$65,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$65,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

<b>PROJECT TITLE:</b> Microsoft Office Upgrade	<b>TOTAL COST:</b> \$50,000
<b>PROJECT NUMBER:</b> IT15.040	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Upgrading Microsoft Office Standard & Plus to the current version	

**JUSTIFICATION:**

Currently, a majority of our users are using Microsoft Office 2007 as their primary application for word processing, spreadsheet and presentation creation. The current version for the software is Microsoft 2013 and we would anticipate timing this purchase to coincide with the release of Office 2015 sometime in the first quarter of 2016. There are many other options that we will continue to explore between now and when the purchase will be made.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Information Technology Fund	0	0	0	50,000	0	0	50,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> October 2015	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> April 2016	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$50,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$50,000

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Council Chambers Improvements **TOTAL COST:** \$100,000

**PROJECT NUMBER:** IT15.050 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Technology and space improvements to the Council Chambers

**JUSTIFICATION:**

The City utilizes the Council Chambers for numerous commission and board meetings. Those meetings are also to be broadcast live and recorded for playback. A large amount of our current equipment is nearing its end of life. This proposal would replace the majority of our core systems while adding additional functionality to the space. A large portion of this request is the replacement of our cameras and corresponding controls and new equipment for the recording and playback of meetings. Beyond that, this item also includes upgrades to our audio system, wireless microphones and improvements to the room itself (dais improvements and new displays). This item will be funded at least in part by equipment grants from the RWSCC.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Grants	0	25,000	75,000	0	0	0	100,000

<b>PROJECT STARTING DATE:</b> June 2014  <b>PROJECT COMPLETION DATE:</b> June 2016  <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>	\$100,000
	<b>Project Costs:</b>	<b>\$100,000</b>

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Police Department Mobile Video **TOTAL COST:** \$156,980

**PROJECT NUMBER:** PD14.010 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Mobile video system

**JUSTIFICATION:**

The police department deployed its current in-car mobile video system in 2009. The equipment is aging and failure rates have increased. Presently, due to equipment failure, we typically have 2-4 mobile video units out of service at any given time. The current provider has not proven to have satisfactory customer service in response to ongoing problems. In the replacement of the current system we would be looking toward other providers and would, depending upon the continued development of the technology, explore whether body worn cameras would be integrated with the in-car video system. The 2015 purchase includes all marked patrol vehicles. The 2016 addition includes the CSO and Reserve squads, which are regularly used to transport prisoners for which video technology can aid in the reduction of liability.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Capital Notes	0	156,980	0	0	0	0	156,980

		<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 2016		<b>Construction:</b>	\$0
		<b>Equipment and Other:</b>	\$156,980
<b>NEIGHBORHOOD:</b> Not Designated		<b>Project Costs:</b>	\$156,980

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Squad Replacement **TOTAL COST:** \$927,030

**PROJECT NUMBER:** PD15.010 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Squad Replacement

**JUSTIFICATION:**

In recognition that effective policing efforts require high visibility and high mobility, the department needs to maintain and invest in fleet operations. As vehicles become more efficient and as we collect and evaluate data about the best fleet resources for specific types of police work, maintaining a current and operational fleet is critical. With establishment of the South Maplewood Police Substation, the department will need to expand its marked squad fleet by two. This also reflects needs resulting from the 2014 addition of the Retail Crime Beat Officer assignment, which serves the City's extensive retail corridor and is the source of more than 3,000 calls for service annually. In addition, in 2014, the department assumed the previously contracted duties of animal control and added part-time community service officers to meet this need. Costs are based on vehicle type, including equipment, build cost, and taxes (if applicable) - Marked Squad:\$36,600 each, marked CSO/Animal Control truck: \$37,800, unmarked investigations/administrative squad: \$30,300. In each year subsequent to 2015, a 2% inflation rate was added. Replacement/purchasing plan: 2015 - 4 marked patrol and 1 marked CSO/Animal Control pick-up. 2016 through 2019 - 4 marked patrol and 1 unmarked squad. This will allow for replacement of current marked squad fleet within 5 years with +/-120,000 miles. In previous year, this has been expensed in the General Fund. The new fund will help ensure that funds are set aside for these types of purchases in the future and levy money will be redirected from the General Fund to this fund to cover the costs.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Police Services Fund	0	36,600	0	38,080	0	39,620	114,300
PD Squad/Equip Replacement Fund	0	147,600	180,230	145,750	187,510	151,640	812,730

		PROJECT COSTS	
<b>PROJECT STARTING DATE:</b> January 2015		<b>Preliminaries:</b>	\$0
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b> December 2019		<b>Construction:</b>	\$0
		<b>Equipment and Other:</b>	\$927,030
<b>NEIGHBORHOOD:</b> Not Designated		<b>Project Costs:</b>	\$927,030

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Records Management System **TOTAL COST:** \$206,620

**PROJECT NUMBER:** PD15.020 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Records Management System

**JUSTIFICATION:**

The department currently purchases records management system (RMS) access from the St. Paul Police Department and has for the past 5 years. The St. Paul system is end of life and will not be used beginning in January 2015. The Maplewood Police Department is cooperating with the Ramsey County Sheriff's Office and all other county law enforcement agencies in looking for a new, single platform records system that will interface with the new CAD and Mobile system. An RFP has been issued and initial proposal review begins in April 2014. The department will be REQUIRED to obtain a new system either through a purchase of service or acquisition of our own system. The costs below reflect a financed purchase scenario not including maintenance costs.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
PD Squad/Equip Replacement Fund	0	88,040	59,990	58,590	0	0	206,620

<b>PROJECT STARTING DATE:</b> January 2015  <b>PROJECT COMPLETION DATE:</b> December 2018  <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>	\$206,620
	<b>Project Costs:</b>	\$206,620

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Squad Computer Replacement **TOTAL COST:** \$154,660

**PROJECT NUMBER:** PD15.030 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Squad Computer Acquisition and Replacement

**JUSTIFICATION:**

As the department endeavors to move toward data-driven and evidence-based policing, focused on strategic problem solving, the need for expanded use of technology is evident. At present, squad/street and office-based computing rely on two separate systems and hardware modalities. With the January 2015 deployment of new computer-aided dispatch, mobile, and records management systems, the department is developing plans to both expand deployment of mobile computing technology, as well as, replace and upgrade current squad-based mobile computers. Future plans include the deployment of computer tablets that can be utilized in a secure mobile environment and serve as desktop systems with a docking solution. These computers will be used in the field by patrol and investigations personnel and by command staff who will need to closely monitor crime and problem trends to ensure swift deployment of resources. The 2015 purchase represents an overall expansion for 2 squad computers to address the addition of the South Substation and for office and mobile deployment by command staff (desktop replacement). The pricing includes the mobile computer tablet, along with mobile and desktop docking stations. The purchases in 2016 through 2019 represent replacement of existing squad-based computers. 4@\$4900 in 2015 and 2016. 8@\$4900 in 2017-2019.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
PD Squad/Equip Replacement Fund	0	14,700	19,990	39,200	39,980	40,790	154,660

<b>PROJECT STARTING DATE:</b> January 2015  <b>PROJECT COMPLETION DATE:</b> December 2019  <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>	\$154,660
	<b>Project Costs:</b>	\$154,660

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Park Upgrades to Existing Parks **TOTAL COST:** \$500,000

**PROJECT NUMBER:** PM07.010 **PROJECT CATEGORY:** Parks

**DESCRIPTION:** Community Field Upgrades, Equipment, Fences, Courts

**JUSTIFICATION:**

General upgrades of various parks. This proposal will provide the City with resources to continue updating and/or replacing basketball and tennis courts, fields, fences and playgrounds. Additional upgrades to parks as determined by the Parks and Recreation Commission are also included in this fund.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
C.I.P. Fund	0	100,000	100,000	100,000	100,000	100,000	500,000

**PROJECT STARTING DATE:** January 2015

**PROJECT COMPLETION DATE:** December 2019

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$500,000
<b>Equipment and Other:</b>	\$0
<b>Project Costs:</b>	\$500,000

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Open Space Improvements **TOTAL COST:** \$375,000

**PROJECT NUMBER:** PM08.060 **PROJECT CATEGORY:** Parks

**DESCRIPTION:** Provide funding for open space improvements

**JUSTIFICATION:**

Maplewood's Neighborhood Preserve system includes 14 preserves. Eight of the sites have trails and six sites have received major restoration work. Future improvements will continue to focus on trails and restoration. Trail priorities are trails at Spoon Lake Preserve and Joy Park Preserve. The Restoration Demonstration Projects include creating high-quality demonstration areas at Priory Preserve, City Hall, and Joy Park.

2015: \$150,000 Spoon Lake Trail  
 2017: \$75,000 Restoration Demonstration Projects  
 2019: \$150,000 Joy Park preserve trail

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Park Development Fund	0	150,000	0	75,000	0	150,000	375,000

<b>PROJECT STARTING DATE:</b> January 2015  <b>PROJECT COMPLETION DATE:</b> December 2019  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$375,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$375,000</b>

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

<b>PROJECT TITLE:</b> Parks Systems Plan	<b>TOTAL COST:</b> \$165,000
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<b>PROJECT NUMBER:</b> PM.14.030	<b>PROJECT CATEGORY:</b> Parks
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**DESCRIPTION:** Develop a comprehensive Park Systems Plan

**JUSTIFICATION:**

The City Council has made one of their 2012-2014 goals to explore a referendum for a sustainable parks system and to develop a comprehensive parks system plan. The City of Maplewood has a large park, open space and trail system that requires extensive management, maintenance and planning. The Parks System Staff will be working with the residents and businesses to develop this plan. Although staff anticipates completion of this plan in late 2014, the final phase of this project is to achieve CAPRA certification. This process will begin in 2015 and we anticipate receiving accreditation in late 2016.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Park Development Fund	115,000	50,000	0	0	0	0	165,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2014	<b>Preliminaries:</b> \$165,000
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> March 2015	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$0
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$165,000

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

<b>PROJECT TITLE:</b> Deer Removal	<b>TOTAL COST:</b> \$60,000
<b>PROJECT NUMBER:</b> PM15.010	<b>PROJECT CATEGORY:</b> Parks
<b>DESCRIPTION:</b> Control Maplewood's Deer Population	

**JUSTIFICATION:**

The goals of Maplewood's deer management program are: 1) preserve a balance of wildlife, 2) accept tolerable levels of deer browse, 3) reduce property damage, and 4) minimize deer-vehicle collisions.

Management strategies include: 1) ordinance preventing feeding of deer, 2) annual aerial count of deer, 3) bow hunts by Metro Bowhunters Resource Base at Priory Neighborhood Preserve and at Spoon Lake Preserve, and 4) sharpshooting as needed.

In the winter of 2005-2006, the city partnered with Ramsey County and the city of St. Paul to hire sharpshooters for south Maplewood and the Pig's Eye area of St. Paul. Since then deer populations have increased significantly in three areas of the city, as shown by the February 2014 aerial survey. This project will fund the sharpshooting of approximately 250-300 deer.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
C.I.P. Fund	0	30,000	0	0	0	30,000	60,000

	<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> \$60,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$60,000

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** EAB Ash Removal and Planting **TOTAL COST:** \$160,000

**PROJECT NUMBER:** PM15.020 **PROJECT CATEGORY:** Parks

**DESCRIPTION:** Remove and Replace Ash Trees to Control the Spread of EAB

**JUSTIFICATION:**

**EAB Ash Removal and Replanting**

Emerald Ash Borer (EAB) causes widespread decline and death of ash trees and has decimated ash populations in some states. As of March 2014, the closest infestations to Maplewood were at Pig's Eye and at Metro State University. The 2011 inventory of park and boulevard trees (does not include natural areas), found 2037 ash trees (21% of the 9563 trees). To remove and replant these ash at \$700-\$900 each would require \$1,425,900-\$1,833,300.

In June 2011, Maplewood City Council approved a plan for managing EAB in Maplewood. The plan includes strategic removal of ash trees, starting with removal of those in poor health prior to EAB being found in Maplewood. The inventory identified 250 poor quality ash. Funding is needed to remove and replace 125 poor quality ash trees each year over the next two years. We assume EAB will be in Maplewood prior to 2017 and significant funding will be needed to keep up with removals once it arrives. The EAB population typically builds slowly for three to five years and then sees very rapid growth.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
C.I.P. Fund	0	0	40,000	40,000	40,000	40,000	160,000

		PROJECT COSTS	
<b>PROJECT STARTING DATE:</b>	January 2015	<b>Preliminaries:</b>	\$0
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b>	December 2019	<b>Construction:</b>	\$0
		<b>Equipment and Other:</b>	\$160,000
<b>NEIGHBORHOOD:</b>	Not Designated	<b>Project Costs:</b>	\$160,000

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

<b>PROJECT TITLE:</b> Lift Station Upgrade Program	<b>TOTAL COST:</b> \$150,000
<b>PROJECT NUMBER:</b> PW03.210	<b>PROJECT CATEGORY:</b> Public Works
<b>DESCRIPTION:</b> 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. The dollars allocated for the year 2015 will be for the replacement of the 1975 sanitary sewer emergency generator. 2016 funds will be for pump and electrical upgrades to lift station #20, at 2345 Keller Parkway N. The remaining funds will be for technological upgrades to the telemetry at the various lift stations.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Sanitary Sewer Fund	0	75,000	25,000	25,000	25,000	0	150,000

	<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 2018	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$150,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$150,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Two Trailers **TOTAL COST:** \$11,550

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

**DESCRIPTION:** Replacement of two trailers

**JUSTIFICATION:**

Replacement of two 12,000 lb. capacity trailers. (\$23,100)  
Trailer units 721 and 722 are at the end of useful life and require replacement. Unit 721 will be replaced in 2015 and unit 722 will be replaced in 2016.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	11,550	11,550	0	0	0	23,100

**PROJECT STARTING DATE:** January 2015

**PROJECT COMPLETION DATE:** July 2016

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$11,550
<b>Project Costs:</b>	\$11,550

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Three Wheel Truckster **TOTAL COST:** \$15,000

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

**DESCRIPTION:** Replacement of one truckster for athletic field painting / maintenance

**JUSTIFICATION:**

Replacement is scheduled for one three wheel truckster (\$15,000) Unit 655.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	0	15,000	0	0	15,000

**PROJECT STARTING DATE:** January 2017

**PROJECT COMPLETION DATE:** July 2017

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$15,000
<b>Project Costs:</b>	\$15,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

<b>PROJECT TITLE:</b> 1-Ton Truck	<b>TOTAL COST:</b> \$72,000
<b>PROJECT NUMBER:</b> PW07.030	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Replacement of one 1-ton truck with plow attachment	

**JUSTIFICATION:**

Replacement is scheduled for one 1-ton truck with dump body for snow plowing and hauling material, etc. Unit 646 is scheduled to be replaced in 2016.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	72,000	0	0	0	72,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2016	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> August 2016	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$72,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$72,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Two Toro Mowers **TOTAL COST:** \$58,000

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

**DESCRIPTION:** Replace two Toro lawn mowers

**JUSTIFICATION:**

Replacement is scheduled for two Toro mowers \$58,000 - Units 652 and 654.  
Unit 654 will be replaced in 2015 and unit 652 will be replaced in 2019.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	29,000	0	0	0	29,000	58,000

**PROJECT STARTING DATE:** January 2015

**PROJECT COMPLETION DATE:** July 2019

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$58,000
<b>Project Costs:</b>	\$58,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Single Axle Plow Truck **TOTAL COST:** \$205,000

**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	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	205,000	0	0	0	205,000

**PROJECT STARTING DATE:** January 2016

**PROJECT COMPLETION DATE:** August 2016

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$205,000
<b>Project Costs:</b>	\$205,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** One 1/2 Ton Pickup **TOTAL COST:** \$22,000

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

**DESCRIPTION:** Replacement of one 1/2 ton pickup

**JUSTIFICATION:**

One 1997 1/2 ton pickup is due for replacement. Unit 508

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	0	22,000	0	0	22,000

**PROJECT STARTING DATE:** January 2017

**PROJECT COMPLETION DATE:** June 2017

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$22,000
<b>Project Costs:</b>	\$22,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** One Ton Truck **TOTAL COST:** \$72,000

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

**DESCRIPTION:** Replacement of 1 ton utility dump/plow truck

**JUSTIFICATION:**

The 1999 1-ton utility dump/plow truck is due for replacement. \$72,000 (Unit 613)

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	0	72,000	0	0	72,000

**PROJECT STARTING DATE:** January 2017

**PROJECT COMPLETION DATE:** July 2017

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$72,000
<b>Project Costs:</b>	\$72,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Single Axle Plow Truck **TOTAL COST:** \$205,000

**PROJECT NUMBER:** PW13.030 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Replacement of Single Axle Plow Truck

**JUSTIFICATION:**

The 2000 model year plow truck is due for replacement. (Unit 538)

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	0	0	205,000	0	205,000

**PROJECT STARTING DATE:** January 2018

**PROJECT COMPLETION DATE:** June 2018

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$205,000
<b>Project Costs:</b>	\$205,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

<b>PROJECT TITLE:</b> Street Sweeper	<b>TOTAL COST:</b> \$190,000
<b>PROJECT NUMBER:</b> PW13.040	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Replacement of Street Sweeper	

**JUSTIFICATION:**

The 2007 Elgin street sweeper is in need of replacement. These heavy wear machines require replacement every 7 to 10 years. (Unit 714)

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	0	190,000	0	0	190,000

<b>PROJECT STARTING DATE:</b> January 2017	<b>PROJECT COSTS</b>
	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> June 2017	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$190,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$190,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Pond Clean Out/Dredging Projects **TOTAL COST:** \$300,000

**PROJECT NUMBER:** PW14.010 **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Dredge and clean out ponds

**JUSTIFICATION:**

Stormwater ponds, also known as wet ponds, "NURP" ponds, or retention basins, are a necessary component for land development in order to manage stormwater runoff. These basins within the City of Maplewood were typically built to control runoff rates to minimize downstream flooding and erosion. These ponds are now also viewed as a mechanism to capture and settle pollutants. Due to the buildup of sediment over time, maintenance is required to ensure these basins are providing the designed rate control and maintain their ability to improve quality of stormwater runoff. Maintaining the City's stormwater ponds requires the removal of sediment by conducting dredging projects. This program would also coordinate with our flood mitigation projects and may be used for finalizing out identified projects as a result of the July 2011 flood event if they are of a higher priority than a pond cleanout.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Environmental Utility Fund	100,000	0	100,000	0	100,000	0	300,000

		<b>PROJECT COSTS</b>	
<b>PROJECT STARTING DATE:</b> April 2014		<b>Preliminaries:</b>	\$0
		<b>Land Acquisition:</b>	\$0
<b>PROJECT COMPLETION DATE:</b> September 2018		<b>Construction:</b>	\$300,000
		<b>Equipment and Other:</b>	\$0
<b>NEIGHBORHOOD:</b> Not Designated		<b>Project Costs:</b>	\$300,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Tandem Axle Plow Truck **TOTAL COST:** \$222,000

**PROJECT NUMBER:** PW14.020 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Replacement of Tandem Axle Plow Truck

**JUSTIFICATION:**

The 1999 model year plow truck is due for replacement. Unit 544

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	222,000	0	0	0	0	222,000

**PROJECT STARTING DATE:** January 2015

**PROJECT COMPLETION DATE:** August 2015

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$222,000
<b>Project Costs:</b>	\$222,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

<b>PROJECT TITLE:</b> ToolCat 5600	<b>TOTAL COST:</b> \$40,000
<b>PROJECT NUMBER:</b> PW14.030	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Replacement of ToolCat 5600	

**JUSTIFICATION:**

The 2007 ToolCat work machine is in need of replacement. This high use piece of equipment is utilized year round by all divisions in Public Works. Unit 730

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	40,000	0	0	0	0	40,000

<b>PROJECT STARTING DATE:</b> January 2015	<b>PROJECT COSTS</b>
	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> August 2015	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$40,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$40,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Single Axle Plow Truck **TOTAL COST:** \$205,000

**PROJECT NUMBER:** PW15.010 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Replacement of one single axle plow truck

**JUSTIFICATION:**

The 2003 model year plow truck is due for replacement - unit 537.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	0	0	0	205,000	205,000

<b>PROJECT STARTING DATE:</b> January 2019  <b>PROJECT COMPLETION DATE:</b> October 2019  <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>	\$205,000
	<b>Project Costs:</b>	<b>\$205,000</b>

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

<b>PROJECT TITLE:</b> Water Tanker	<b>TOTAL COST:</b> \$110,000
<b>PROJECT NUMBER:</b> PW15.020	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Replacement of Water Tanker	

**JUSTIFICATION:**

The 1996 tanker truck is in need of replacement. This truck is utilized year round by all divisions in Public Works. (Unit 543)

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	0	0	110,000	0	110,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2018	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> October 2018	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$110,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$110,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** One 1/2 ton truck **TOTAL COST:** \$22,000

**PROJECT NUMBER:** PW15.030 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Replacement of 1/2 ton truck

**JUSTIFICATION:**

The 1999 1/2 ton truck is due for replacement - unit 645.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	0	0	0	22,000	22,000

**PROJECT STARTING DATE:** January 2019

**PROJECT COMPLETION DATE:** October 2019

**NEIGHBORHOOD:** Not Designated

**PROJECT COSTS**

<b>Preliminaries:</b>	\$0
<b>Land Acquisition:</b>	\$0
<b>Construction:</b>	\$0
<b>Equipment and Other:</b>	\$22,000
<b>Project Costs:</b>	\$22,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

<b>PROJECT TITLE:</b> Crack Filler	<b>TOTAL COST:</b> \$20,000
<b>PROJECT NUMBER:</b> PW15.040	<b>PROJECT CATEGORY:</b> Equipment
<b>DESCRIPTION:</b> Replacement of Crack Filler and Router	

**JUSTIFICATION:**

The 1995 Crack Filling machine and Router (Unit 711/713) used for repairing city streets are in need of replacement. These pieces of equipment are owned jointly by the City of Maplewood and the City of Oakdale. The replacement costs will be split between the two cities. This is for Maplewood's portion.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	20,000	0	0	0	20,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> January 2016	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> October 2016	<b>Construction:</b> \$0
	<b>Equipment and Other:</b> \$20,000
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$20,000

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Wood Chipper **TOTAL COST:** \$30,000

**PROJECT NUMBER:** PW15.050 **PROJECT CATEGORY:** Equipment

**DESCRIPTION:** Replacement of wood chipper

**JUSTIFICATION:**

The 1997 model year wood chipper is due for replacement - unit 705. This piece of equipment is utilized year round by all divisions in Public Works.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Fleet Management Fund	0	0	0	0	0	30,000	30,000

<b>PROJECT STARTING DATE:</b> January 2019  <b>PROJECT COMPLETION DATE:</b> October 2019  <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>	\$30,000
	<b>Project Costs:</b>	<b>\$30,000</b>

## CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

<b>PROJECT TITLE:</b> Flood Remediation Projects	<b>TOTAL COST:</b> \$264,000
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<b>PROJECT NUMBER:</b> PW15.060	<b>PROJECT CATEGORY:</b> Public Works
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**DESCRIPTION:** Flood Studies & Remediation Projects

**JUSTIFICATION:**

In response to the flood that occurred in July 2011 the city has completed several flood remediation projects. The city has identified several projects to be completed over the next several years. These projects include drainage improvements along County Road B, a storm sewer lift station at the Edgerton Pond, a regional study of the storm sewer system near the intersection of McKnight Rd and Larpenteur Avenue, a study of Wicklander's Pond, and a regional study of the storm sewer system near the intersection of Harvester Avenue and Sterling Street. The studies will help identify the extent of necessary remediation work and estimated costs for future CIP projects

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Environmental Utility Fund	0	64,000	30,000	140,000	30,000	0	264,000

	<b>PROJECT COSTS</b>
<b>PROJECT STARTING DATE:</b> May 2015	<b>Preliminaries:</b> \$0
	<b>Land Acquisition:</b> \$0
<b>PROJECT COMPLETION DATE:</b> October 2018	<b>Construction:</b> \$264,000
	<b>Equipment and Other:</b> \$0
<b>NEIGHBORHOOD:</b> Not Designated	<b>Project Costs:</b> \$264,000

# CITY OF MAPLEWOOD CAPITAL IMPROVEMENT PLAN 2015 - 2019

**PROJECT TITLE:** Sidewalk and Trail Improvements **TOTAL COST:** \$861,000

**PROJECT NUMBER:** PW15.070 **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Sidewalk and Trail Improvements

**JUSTIFICATION:**

According to the 2014 parks master plan survey of Maplewood residents, 75% of respondent households have a need for walking and biking trails. Based on the respondent households who are either "very supportive" or "somewhat supportive", 77% of households are supportive to connecting existing trails. Throughout the survey, the most glaring priority of the residents is to continue to expand and connect our trail system. The Parks and Public Works departments have identified the County Road B corridor, from Rice Street to City Hall, as a priority trail to be completed. The County Road B corridor is planned to be complete in phases between 2015 - 2018. This phase of the County Road B corridor will complete the trail section from Birmingham Street to City Hall and will also add in a missing section of sidewalk at the southeast corner of the intersection of White Bear Avenue and County Road B. This section of the County Road B trail will connect two schools, the MCC, and City Hall to the existing County Road B trail and nearby trails. The city has been successful in obtaining a Safe Routes to School infrastructure grant to help fund this project. Ramsey County is currently reviewing the condition of the signals at the intersection of County Road B and White Bear Avenue. Signal replacement costs are not included in the project scope. If they are required the costs will be funded by Ramsey County. The source for the City Funds shown below will be identified prior to the project being put out for bid.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Grants	0	392,800	0	0	0	0	392,800
Ramsey County	0	80,000	0	0	0	0	80,000
Park Development Fund	0	150,000	0	0	0	0	150,000
Environmental Utility Fund	0	50,000	0	0	0	0	50,000
City Funds	150,000	38,200	0	0	0	0	188,200

<b>PROJECT STARTING DATE:</b> May 2015  <b>PROJECT COMPLETION DATE:</b> October 2015  <b>NEIGHBORHOOD:</b> Not Designated	PROJECT COSTS	
	<b>Preliminaries:</b>	\$150,000
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$711,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$861,000</b>

**CITY OF MAPLEWOOD  
CAPITAL IMPROVEMENT PLAN  
2015 - 2019**

**PROJECT TITLE:** Ramsey County Signal Projects **TOTAL COST:** \$338,000

**PROJECT NUMBER:** PW15.100 **PROJECT CATEGORY:** Public Works

**DESCRIPTION:** Ramsey County Signal Improvements

**JUSTIFICATION:**

As part of Ramsey County's mill and overlay projects to be completed in 2014, signal upgrades are required at the intersections of Larpenteur Avenue & Jackson Street and White Bear Avenue & Cope Avenue. The city of Maplewood's share for these improvements are scheduled to be paid in 2015. In 2016, the signal at Larpenteur Avenue and Van Dyke Street is scheduled to be replaced as part of a Ramsey County mill and overlay project.

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

Funding Source	Prior Years	2015	2016	2017	2018	2019	Funding Total
Street Light Utility Fund	0	131,500	206,500	0	0	0	338,000

<b>PROJECT STARTING DATE:</b> May 2015  <b>PROJECT COMPLETION DATE:</b> October 2016  <b>NEIGHBORHOOD:</b> Not Designated	<b>PROJECT COSTS</b>	
	<b>Preliminaries:</b>	\$0
	<b>Land Acquisition:</b>	\$0
	<b>Construction:</b>	\$338,000
	<b>Equipment and Other:</b>	\$0
	<b>Project Costs:</b>	<b>\$338,000</b>

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

**Status:** Proposed

PROJECT NUMBER	PROJECT TITLE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
				2015	2016	2017	2018	2019
CD02.010	Housing Replacement Program	260,000	100,000	0	80,000	0	80,000	0
CD15.010	Gladstone Area Redevelopment	2,000,000	0	0	100,000	0	1,900,000	0
CD09.010	Commercial Property Redevelopment	1,500,000	100,000	100,000	650,000	0	650,000	0
		<b>3,760,000</b>	<b>200,000</b>	<b>100,000</b>	<b>830,000</b>	<b>0</b>	<b>2,630,000</b>	<b>0</b>
FD10.011	Replacement of Fire Station	2,000,000	0	0	2,000,000	0	0	0
FD10.012	Rehabilitation of Fire Station	1,000,000	0	0	0	1,000,000	0	0
FD03.020	Replacement of Fire Truck	493,490	0	0	0	493,490	0	0
FD15.020	Replacement of SCBA Bottles	80,000	0	80,000	0	0	0	0
FD08.010	Ambulance Replacement	215,000	0	0	0	0	215,000	0
FD09.020	Ambulance Replacement	200,000	0	0	200,000	0	0	0
FD09.030	Public Safety Training Facility	5,810,000	4,160,000	0	1,000,000	650,000	0	0
		<b>9,798,490</b>	<b>4,160,000</b>	<b>80,000</b>	<b>3,200,000</b>	<b>2,143,490</b>	<b>215,000</b>	<b>0</b>
IT12.010	Election Equipment	120,000	40,000	40,000	40,000	0	0	0
IT15.010	Asset Management Software	155,000	0	40,000	115,000	0	0	0
IT15.020	Eden Systems replacement	165,000	0	0	65,000	0	0	100,000
IT15.030	Laserfiche Update	65,000	0	0	0	40,000	25,000	0
IT15.040	Microsoft Office Upgrade	50,000	0	0	0	50,000	0	0
IT15.050	Council Chambers Improvements	100,000	0	25,000	75,000	0	0	0
		<b>655,000</b>	<b>40,000</b>	<b>105,000</b>	<b>295,000</b>	<b>90,000</b>	<b>25,000</b>	<b>100,000</b>
PD14.010	Police Department Mobile Video	156,980	0	156,980	0	0	0	0
PD15.010	Squad Replacement	927,030	0	184,200	180,230	183,830	187,510	191,260
PD15.020	Records Management System	206,620	0	88,040	59,990	58,590	0	0
PD15.030	Squad Computer Replacement	154,660	0	14,700	19,990	39,200	39,980	40,790
PD15.060	Regional Police Firearms Training Range	125,000	0	0	25,000	100,000	0	0
		<b>1,570,290</b>	<b>0</b>	<b>443,920</b>	<b>285,210</b>	<b>381,620</b>	<b>227,490</b>	<b>232,050</b>
PM11.010	Fish Creek Open Space	2,248,290	1,918,290	30,000	200,000	0	0	100,000
PM11.020	Goodrich Park Improvements	1,493,000	268,000	375,000	550,000	100,000	200,000	0
PM14.030	Parks Systems Plan	165,000	115,000	50,000	0	0	0	0
PM15.010	Deer Removal	60,000	0	30,000	0	0	0	30,000
PM15.020	EAB Ash Removal and Planting	160,000	0	0	40,000	40,000	40,000	40,000
PM15.050	Community Center Facility Management	5,280,000	0	2,500,000	580,000	1,200,000	0	1,000,000
PM07.010	Park Upgrades to Existing Parks	500,000	0	100,000	100,000	100,000	100,000	100,000
PM08.050	Gladstone Savanna Improvements	2,180,000	980,000	250,000	600,000	300,000	50,000	0
PM08.060	Open Space Improvements	375,000	0	150,000	0	75,000	0	150,000
		<b>12,461,290</b>	<b>3,281,290</b>	<b>3,485,000</b>	<b>2,070,000</b>	<b>1,815,000</b>	<b>390,000</b>	<b>1,420,000</b>
PW11.040	Single Axle Plow Truck	205,000	0	0	205,000	0	0	0
PW12.020	Sterling Street Bridge Replacement	1,400,000	0	0	0	0	100,000	1,300,000
PW12.040	One 1/2 Ton Pickup	22,000	0	0	0	22,000	0	0
PW12.050	One Ton Truck	72,000	0	0	0	72,000	0	0
PW13.030	Single Axle Plow Truck	205,000	0	0	0	0	205,000	0
PW13.040	Street Sweeper	190,000	0	0	0	190,000	0	0
PW03.210	Lift Station Upgrade Program	150,000	0	75,000	25,000	25,000	25,000	0
PW14.010	Pond Clean Out/Dredging Projects	300,000	100,000	0	100,000	0	100,000	0
PW14.020	Tandem Axle Plow Truck	222,000	0	222,000	0	0	0	0
PW14.030	ToolCat 5600	40,000	0	40,000	0	0	0	0
PW14.060	Beebe Road Street Improvements	1,730,000	60,000	90,000	1,580,000	0	0	0
PW14.070	Gladstone - Phase II	3,425,000	200,000	3,225,000	0	0	0	0
PW15.010	Single Axle Plow Truck	205,000	0	0	0	0	0	205,000
PW15.020	Water Tanker	110,000	0	0	0	0	110,000	0
PW15.030	One 1/2 ton truck	22,000	0	0	0	0	0	22,000
PW15.040	Crack Filler	20,000	0	0	20,000	0	0	0
PW15.050	Wood Chipper	30,000	0	0	0	0	0	30,000
PW15.060	Flood Remediation Projects	264,000	0	64,000	30,000	140,000	30,000	0
PW15.070	Sidewalk and Trail Improvements	861,000	150,000	711,000	0	0	0	0
PW15.080	White Bear Ave / I694 Interchange Project	500,000	0	0	0	0	500,000	0
PW15.090	Sterling Street - Linwood Avenue to Londin Lane	570,000	0	40,000	530,000	0	0	0
PW15.100	Ramsey County Signal Projects	338,000	0	131,500	206,500	0	0	0
PW06.010	Two Trailers	23,100	0	11,550	11,550	0	0	0

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

**Status:** Proposed

PROJECT NUMBER	PROJECT TITLE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
				2015	2016	2017	2018	2019
PW06.060	Three Wheel Truckster	15,000	0	0	0	15,000	0	0
PW07.030	1-Ton Truck	72,000	0	0	72,000	0	0	0
PW08.050	Lakewood/Sterling Area Streets	3,280,000	0	100,000	100,000	3,080,000	0	0
PW09.020	Two Toro Mowers	58,000	0	29,000	0	0	0	29,000
PW09.080	Farrell/Ferndale Area Street Improvements	7,270,000	0	0	100,000	100,000	7,070,000	0
PW09.100	Dennis/McClelland Area Street Improvements	6,560,000	0	0	0	100,000	100,000	6,360,000
		<b>28,159,100</b>	<b>510,000</b>	<b>4,739,050</b>	<b>2,980,050</b>	<b>3,744,000</b>	<b>8,240,000</b>	<b>7,946,000</b>
		<b>56,404,170</b>	<b>8,191,290</b>	<b>8,952,970</b>	<b>9,660,260</b>	<b>8,174,110</b>	<b>11,727,490</b>	<b>9,698,050</b>

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

**Status:** Proposed

PROJECT NUMBER	PROJECT TITLE	FUNDING SOURCE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2015	2016	2017	2018	2019
FD08.010	Ambulance Replacement	Ambulance Service Fund	215,000	0	0	0	0	215,000	0
FD09.020	Ambulance Replacement	Ambulance Service Fund	200,000	0	0	200,000	0	0	0
			<b>415,000</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>215,000</b>	<b>0</b>
PM08.050	Gladstone Savanna Improvements	Bonds-G.O. Improvement	200,000	200,000	0	0	0	0	0
PW14.060	Beebe Road Street Improvements	Bonds-G.O. Improvement	518,620	60,000	90,000	368,620	0	0	0
PW15.080	White Bear Ave / I694 Interchange Project	Bonds-G.O. Improvement	500,000	0	0	0	0	500,000	0
PW15.090	Sterling Street - Linwood Avenue to Londin Lane	Bonds-G.O. Improvement	327,640	0	40,000	287,640	0	0	0
PW08.050	Lakewood/Sterling Area Streets	Bonds-G.O. Improvement	2,115,300	0	100,000	100,000	1,915,300	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Bonds-G.O. Improvement	3,366,800	0	0	100,000	100,000	3,166,800	0
PW09.100	Dennis/McClelland Area Street Improvements	Bonds-G.O. Improvement	2,941,500	0	0	0	100,000	100,000	2,741,500
			<b>9,969,860</b>	<b>260,000</b>	<b>230,000</b>	<b>856,260</b>	<b>2,115,300</b>	<b>3,766,800</b>	<b>2,741,500</b>
PW12.020	Sterling Street Bridge Replacement	Bonds-M.S.A.	215,000	0	0	0	0	100,000	115,000
			<b>215,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>	<b>115,000</b>
PM08.050	Gladstone Savanna Improvements	Bonds-Special Assessment	400,000	400,000	0	0	0	0	0
PW14.060	Beebe Road Street Improvements	Bonds-Special Assessment	186,880	0	0	186,880	0	0	0
PW15.090	Sterling Street - Linwood Avenue to Londin Lane	Bonds-Special Assessment	162,560	0	0	162,560	0	0	0
PW08.050	Lakewood/Sterling Area Streets	Bonds-Special Assessment	502,000	0	0	0	502,000	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Bonds-Special Assessment	828,200	0	0	0	0	828,200	0
PW09.100	Dennis/McClelland Area Street Improvements	Bonds-Special Assessment	1,010,500	0	0	0	0	0	1,010,500
			<b>3,090,140</b>	<b>400,000</b>	<b>0</b>	<b>349,440</b>	<b>502,000</b>	<b>828,200</b>	<b>1,010,500</b>
PM15.050	Community Center Facility Management	Bonds-Tax Abatement	5,280,000	0	2,500,000	580,000	1,200,000	0	1,000,000
			<b>5,280,000</b>	<b>0</b>	<b>2,500,000</b>	<b>580,000</b>	<b>1,200,000</b>	<b>0</b>	<b>1,000,000</b>
CD15.010	Gladstone Area Redevelopment	Bonds-Tax Increment	1,900,000	0	0	0	0	1,900,000	0
PW14.070	Gladstone - Phase II	Bonds-Tax Increment	1,488,200	200,000	1,288,200	0	0	0	0
			<b>3,388,200</b>	<b>200,000</b>	<b>1,288,200</b>	<b>0</b>	<b>0</b>	<b>1,900,000</b>	<b>0</b>
FD15.020	Replacement of SCBA Bottles	C.I.P. Fund	80,000	0	80,000	0	0	0	0
FD09.030	Public Safety Training Facility	C.I.P. Fund	250,000	250,000	0	0	0	0	0
IT12.010	Election Equipment	C.I.P. Fund	120,000	40,000	40,000	40,000	0	0	0
PD15.060	Regional Police Firearms Training Range	C.I.P. Fund	125,000	0	0	25,000	100,000	0	0
PM15.010	Deer Removal	C.I.P. Fund	60,000	0	30,000	0	0	0	30,000
PM15.020	EAB Ash Removal and Planting	C.I.P. Fund	160,000	0	0	40,000	40,000	40,000	40,000
PM07.010	Park Upgrades to Existing Parks	C.I.P. Fund	500,000	0	100,000	100,000	100,000	100,000	100,000
			<b>1,295,000</b>	<b>290,000</b>	<b>250,000</b>	<b>205,000</b>	<b>240,000</b>	<b>140,000</b>	<b>170,000</b>
PD14.010	Police Department Mobile Video	Capital Notes	156,980	0	156,980	0	0	0	0
			<b>156,980</b>	<b>0</b>	<b>156,980</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
FD09.030	Public Safety Training Facility	Environmental Utility Fund	250,000	250,000	0	0	0	0	0
PM08.050	Gladstone Savanna Improvements	Environmental Utility Fund	200,000	100,000	0	0	50,000	50,000	0
PW14.010	Pond Clean Out/Dredging Projects	Environmental Utility Fund	300,000	100,000	0	100,000	0	100,000	0
PW14.060	Beebe Road Street Improvements	Environmental Utility Fund	172,500	0	0	172,500	0	0	0
PW14.070	Gladstone - Phase II	Environmental Utility Fund	285,000	0	285,000	0	0	0	0
PW15.060	Flood Remediation Projects	Environmental Utility Fund	264,000	0	64,000	30,000	140,000	30,000	0
PW15.070	Sidewalk and Trail Improvements	Environmental Utility Fund	50,000	0	50,000	0	0	0	0
PW15.090	Sterling Street - Linwood Avenue to Londin Lane	Environmental Utility Fund	28,500	0	0	28,500	0	0	0
PW08.050	Lakewood/Sterling Area Streets	Environmental Utility Fund	413,400	0	0	0	413,400	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Environmental Utility Fund	1,497,000	0	0	0	0	1,497,000	0
PW09.100	Dennis/McClelland Area Street Improvements	Environmental Utility Fund	1,361,000	0	0	0	0	0	1,361,000
			<b>4,821,400</b>	<b>450,000</b>	<b>399,000</b>	<b>331,000</b>	<b>603,400</b>	<b>1,677,000</b>	<b>1,361,000</b>
FD03.020	Replacement of Fire Truck	Fire Truck Replacement Fund	493,490	0	0	0	493,490	0	0

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

**Status:** Proposed

PROJECT NUMBER	PROJECT TITLE	FUNDING SOURCE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2015	2016	2017	2018	2019
			<b>493,490</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>493,490</b>	<b>0</b>	<b>0</b>
PW11.040	Single Axle Plow Truck	Fleet Management Fund	205,000	0	0	205,000	0	0	0
PW12.040	One 1/2 Ton Pickup	Fleet Management Fund	22,000	0	0	0	22,000	0	0
PW12.050	One Ton Truck	Fleet Management Fund	72,000	0	0	0	72,000	0	0
PW13.030	Single Axle Plow Truck	Fleet Management Fund	205,000	0	0	0	0	205,000	0
PW13.040	Street Sweeper	Fleet Management Fund	190,000	0	0	0	190,000	0	0
PW14.020	Tandem Axle Plow Truck	Fleet Management Fund	222,000	0	222,000	0	0	0	0
PW14.030	ToolCat 5600	Fleet Management Fund	40,000	0	40,000	0	0	0	0
PW15.010	Single Axle Plow Truck	Fleet Management Fund	205,000	0	0	0	0	0	205,000
PW15.020	Water Tanker	Fleet Management Fund	110,000	0	0	0	0	110,000	0
PW15.030	One 1/2 ton truck	Fleet Management Fund	22,000	0	0	0	0	0	22,000
PW15.040	Crack Filler	Fleet Management Fund	20,000	0	0	20,000	0	0	0
PW15.050	Wood Chipper	Fleet Management Fund	30,000	0	0	0	0	0	30,000
PW06.010	Two Trailers	Fleet Management Fund	23,100	0	11,550	11,550	0	0	0
PW06.060	Three Wheel Truckster	Fleet Management Fund	15,000	0	0	0	15,000	0	0
PW07.030	1-Ton Truck	Fleet Management Fund	72,000	0	0	72,000	0	0	0
PW09.020	Two Toro Mowers	Fleet Management Fund	58,000	0	29,000	0	0	0	29,000
			<b>1,511,100</b>	<b>0</b>	<b>302,550</b>	<b>308,550</b>	<b>299,000</b>	<b>315,000</b>	<b>286,000</b>
FD09.030	Public Safety Training Facility	Grants	4,650,000	3,000,000	0	1,000,000	650,000	0	0
IT15.050	Council Chambers Improvements	Grants	100,000	0	25,000	75,000	0	0	0
PM11.010	Fish Creek Open Space	Grants	973,290	893,290	30,000	50,000	0	0	0
PM11.020	Goodrich Park Improvements	Grants	250,000	0	0	250,000	0	0	0
PM08.050	Gladstone Savanna Improvements	Grants	150,000	0	0	150,000	0	0	0
PW14.070	Gladstone - Phase II	Grants	900,000	0	900,000	0	0	0	0
PW15.070	Sidewalk and Trail Improvements	Grants	392,800	0	392,800	0	0	0	0
			<b>7,416,090</b>	<b>3,893,290</b>	<b>1,347,800</b>	<b>1,525,000</b>	<b>650,000</b>	<b>0</b>	<b>0</b>
IT15.010	Asset Management Software	Information Technology Fund	155,000	0	40,000	115,000	0	0	0
IT15.020	Eden Systems replacement	Information Technology Fund	165,000	0	0	65,000	0	0	100,000
IT15.030	Laserfiche Update	Information Technology Fund	65,000	0	0	0	40,000	25,000	0
IT15.040	Microsoft Office Upgrade	Information Technology Fund	50,000	0	0	0	50,000	0	0
			<b>435,000</b>	<b>0</b>	<b>40,000</b>	<b>180,000</b>	<b>90,000</b>	<b>25,000</b>	<b>100,000</b>
FD09.030	Public Safety Training Facility	Mn/DOT	55,000	55,000	0	0	0	0	0
PW12.020	Sterling Street Bridge Replacement	Mn/DOT	1,185,000	0	0	0	0	0	1,185,000
			<b>1,240,000</b>	<b>55,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,185,000</b>
PM11.010	Fish Creek Open Space	Park Development Fund	675,000	425,000	0	150,000	0	0	100,000
PM11.020	Goodrich Park Improvements	Park Development Fund	1,243,000	268,000	375,000	300,000	100,000	200,000	0
PM.14.030	Parks Systems Plan	Park Development Fund	165,000	115,000	50,000	0	0	0	0
PM08.050	Gladstone Savanna Improvements	Park Development Fund	1,230,000	280,000	250,000	450,000	250,000	0	0
PM08.060	Open Space Improvements	Park Development Fund	375,000	0	150,000	0	75,000	0	150,000
PW14.070	Gladstone - Phase II	Park Development Fund	130,000	0	130,000	0	0	0	0
PW15.070	Sidewalk and Trail Improvements	Park Development Fund	150,000	0	150,000	0	0	0	0
			<b>3,968,000</b>	<b>1,088,000</b>	<b>1,105,000</b>	<b>900,000</b>	<b>425,000</b>	<b>200,000</b>	<b>250,000</b>
FD09.030	Public Safety Training Facility	Ramsey County	450,000	450,000	0	0	0	0	0
PM11.010	Fish Creek Open Space	Ramsey County	425,000	425,000	0	0	0	0	0
PW15.070	Sidewalk and Trail Improvements	Ramsey County	80,000	0	80,000	0	0	0	0
			<b>955,000</b>	<b>875,000</b>	<b>80,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
CD02.010	Housing Replacement Program	Redevelopment Fund	260,000	100,000	0	80,000	0	80,000	0
			<b>260,000</b>	<b>100,000</b>	<b>0</b>	<b>80,000</b>	<b>0</b>	<b>80,000</b>	<b>0</b>
FD09.030	Public Safety Training Facility	Sanitary Sewer Fund	50,000	50,000	0	0	0	0	0
PW03.210	Lift Station Upgrade Program	Sanitary Sewer Fund	150,000	0	75,000	25,000	25,000	25,000	0

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

**Status:** Proposed

PROJECT NUMBER	PROJECT TITLE	FUNDING SOURCE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2015	2016	2017	2018	2019
PW14.060	Beebe Road Street Improvements	Sanitary Sewer Fund	58,000	0	0	58,000	0	0	0
PW14.070	Gladstone - Phase II	Sanitary Sewer Fund	60,800	0	60,800	0	0	0	0
PW15.090	Sterling Street - Linwood Avenue to Londin Lane	Sanitary Sewer Fund	17,100	0	0	17,100	0	0	0
PW08.050	Lakewood/Sterling Area Streets	Sanitary Sewer Fund	83,100	0	0	0	83,100	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Sanitary Sewer Fund	480,000	0	0	0	0	480,000	0
PW09.100	Dennis/McClelland Area Street Improvements	Sanitary Sewer Fund	312,000	0	0	0	0	0	312,000
			<b>1,211,000</b>	<b>50,000</b>	<b>135,800</b>	<b>100,100</b>	<b>108,100</b>	<b>505,000</b>	<b>312,000</b>
FD09.030	Public Safety Training Facility	St. Paul W.A.C. Fund	50,000	50,000	0	0	0	0	0
PW14.060	Beebe Road Street Improvements	St. Paul W.A.C. Fund	34,500	0	0	34,500	0	0	0
PW15.090	Sterling Street - Linwood Avenue to Londin Lane	St. Paul W.A.C. Fund	17,100	0	0	17,100	0	0	0
PW08.050	Lakewood/Sterling Area Streets	St. Paul W.A.C. Fund	83,100	0	0	0	83,100	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	St. Paul W.A.C. Fund	277,000	0	0	0	0	277,000	0
PW09.100	Dennis/McClelland Area Street Improvements	St. Paul W.A.C. Fund	254,000	0	0	0	0	0	254,000
			<b>715,700</b>	<b>50,000</b>	<b>0</b>	<b>51,600</b>	<b>83,100</b>	<b>277,000</b>	<b>254,000</b>
FD09.030	Public Safety Training Facility	St. Paul Water	55,000	55,000	0	0	0	0	0
PW14.060	Beebe Road Street Improvements	St. Paul Water	34,500	0	0	34,500	0	0	0
PW15.090	Sterling Street - Linwood Avenue to Londin Lane	St. Paul Water	17,100	0	0	17,100	0	0	0
PW08.050	Lakewood/Sterling Area Streets	St. Paul Water	83,100	0	0	0	83,100	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	St. Paul Water	821,000	0	0	0	0	821,000	0
PW09.100	Dennis/McClelland Area Street Improvements	St. Paul Water	681,000	0	0	0	0	0	681,000
			<b>1,691,700</b>	<b>55,000</b>	<b>0</b>	<b>51,600</b>	<b>83,100</b>	<b>821,000</b>	<b>681,000</b>
PW14.060	Beebe Road Street Improvements	State Aid	725,000	0	0	725,000	0	0	0
			<b>725,000</b>	<b>0</b>	<b>0</b>	<b>725,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
PW14.070	Gladstone - Phase II	Street Light Utility Fund	561,000	0	561,000	0	0	0	0
PW15.100	Ramsey County Signal Projects	Street Light Utility Fund	338,000	0	131,500	206,500	0	0	0
			<b>899,000</b>	<b>0</b>	<b>692,500</b>	<b>206,500</b>	<b>0</b>	<b>0</b>	<b>0</b>
PM11.010	Fish Creek Open Space	RWMWD	175,000	175,000	0	0	0	0	0
			<b>175,000</b>	<b>175,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
CD15.010	Gladstone Area Redevelopment	Economic Development Autho	100,000	0	0	100,000	0	0	0
CD09.010	Commercial Property Redevelopment	Economic Development Autho	1,500,000	100,000	100,000	650,000	0	650,000	0
			<b>1,600,000</b>	<b>100,000</b>	<b>100,000</b>	<b>750,000</b>	<b>0</b>	<b>650,000</b>	<b>0</b>
FD10.011	Replacement of Fire Station	Sale of Property	2,000,000	0	0	2,000,000	0	0	0
FD10.012	Rehabilitation of Fire Station	Sale of Property	1,000,000	0	0	0	1,000,000	0	0
			<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>
PD15.010	Squad Replacement	Police Services Fund	114,300	0	36,600	0	38,080	0	39,620
			<b>114,300</b>	<b>0</b>	<b>36,600</b>	<b>0</b>	<b>38,080</b>	<b>0</b>	<b>39,620</b>
PD15.010	Squad Replacement	PD Squad/Equip Replacemen	812,730	0	147,600	180,230	145,750	187,510	151,640
PD15.020	Records Management System	PD Squad/Equip Replacemen	206,620	0	88,040	59,990	58,590	0	0
PD15.030	Squad Computer Replacement	PD Squad/Equip Replacemen	154,660	0	14,700	19,990	39,200	39,980	40,790
			<b>1,174,010</b>	<b>0</b>	<b>250,340</b>	<b>260,210</b>	<b>243,540</b>	<b>227,490</b>	<b>192,430</b>
PW15.070	Sidewalk and Trail Improvements	City Funds	188,200	150,000	38,200	0	0	0	0
			<b>188,200</b>	<b>150,000</b>	<b>38,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>56,404,170</b>	<b>8,191,290</b>	<b>8,952,970</b>	<b>9,660,260</b>	<b>8,174,110</b>	<b>11,727,490</b>	<b>9,698,050</b>

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

**Status:** Proposed

PROJECT NUMBER	PROJECT TITLE	PROJECT CATEGORY	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2015	2016	2017	2018	2019
FD10.011	Replacement of Fire Station	Building Maintena	2,000,000	0	0	2,000,000	0	0	0
FD10.012	Rehabilitation of Fire Station	Building Maintena	1,000,000	0	0	0	1,000,000	0	0
FD09.030	Public Safety Training Facility	Building Maintena	5,810,000	4,160,000	0	1,000,000	650,000	0	0
PM15.050	Community Center Facility Management	Building Maintena	5,280,000	0	2,500,000	580,000	1,200,000	0	1,000,000
			<b>14,090,000</b>	<b>4,160,000</b>	<b>2,500,000</b>	<b>3,580,000</b>	<b>2,850,000</b>	<b>0</b>	<b>1,000,000</b>
FD03.020	Replacement of Fire Truck	Equipment	493,490	0	0	0	493,490	0	0
FD15.020	Replacement of SCBA Bottles	Equipment	80,000	0	80,000	0	0	0	0
FD08.010	Ambulance Replacement	Equipment	215,000	0	0	0	0	215,000	0
FD09.020	Ambulance Replacement	Equipment	200,000	0	0	200,000	0	0	0
IT12.010	Election Equipment	Equipment	120,000	40,000	40,000	40,000	0	0	0
IT15.010	Asset Management Software	Equipment	155,000	0	40,000	115,000	0	0	0
IT15.020	Eden Systems replacement	Equipment	165,000	0	0	65,000	0	0	100,000
IT15.030	Laserfiche Update	Equipment	65,000	0	0	0	40,000	25,000	0
IT15.040	Microsoft Office Upgrade	Equipment	50,000	0	0	0	50,000	0	0
IT15.050	Council Chambers Improvements	Equipment	100,000	0	25,000	75,000	0	0	0
PD14.010	Police Department Mobile Video	Equipment	156,980	0	156,980	0	0	0	0
PD15.010	Squad Replacement	Equipment	927,030	0	184,200	180,230	183,830	187,510	191,260
PD15.020	Records Management System	Equipment	206,620	0	88,040	59,990	58,590	0	0
PD15.030	Squad Computer Replacement	Equipment	154,660	0	14,700	19,990	39,200	39,980	40,790
PD15.060	Regional Police Firearms Training Range	Equipment	125,000	0	0	25,000	100,000	0	0
PW11.040	Single Axle Plow Truck	Equipment	205,000	0	0	205,000	0	0	0
PW12.040	One 1/2 Ton Pickup	Equipment	22,000	0	0	0	22,000	0	0
PW12.050	One Ton Truck	Equipment	72,000	0	0	0	72,000	0	0
PW13.030	Single Axle Plow Truck	Equipment	205,000	0	0	0	0	205,000	0
PW13.040	Street Sweeper	Equipment	190,000	0	0	0	190,000	0	0
PW14.020	Tandem Axle Plow Truck	Equipment	222,000	0	222,000	0	0	0	0
PW14.030	ToolCat 5600	Equipment	40,000	0	40,000	0	0	0	0
PW15.010	Single Axle Plow Truck	Equipment	205,000	0	0	0	0	0	205,000
PW15.020	Water Tanker	Equipment	110,000	0	0	0	0	110,000	0
PW15.030	One 1/2 ton truck	Equipment	22,000	0	0	0	0	0	22,000
PW15.040	Crack Filler	Equipment	20,000	0	0	20,000	0	0	0
PW15.050	Wood Chipper	Equipment	30,000	0	0	0	0	0	30,000
PW06.010	Two Trailers	Equipment	23,100	0	11,550	11,550	0	0	0
PW06.060	Three Wheel Truckster	Equipment	15,000	0	0	0	15,000	0	0
PW07.030	1-Ton Truck	Equipment	72,000	0	0	72,000	0	0	0
PW09.020	Two Toro Mowers	Equipment	58,000	0	29,000	0	0	0	29,000
			<b>4,724,880</b>	<b>40,000</b>	<b>931,470</b>	<b>1,088,760</b>	<b>1,264,110</b>	<b>782,490</b>	<b>618,050</b>
PM11.010	Fish Creek Open Space	Parks	2,248,290	1,918,290	30,000	200,000	0	0	100,000
PM11.020	Goodrich Park Improvements	Parks	1,493,000	268,000	375,000	550,000	100,000	200,000	0
PM.14.030	Parks Systems Plan	Parks	165,000	115,000	50,000	0	0	0	0
PM15.010	Deer Removal	Parks	60,000	0	30,000	0	0	0	30,000
PM15.020	EAB Ash Removal and Planting	Parks	160,000	0	0	40,000	40,000	40,000	40,000
PM07.010	Park Upgrades to Existing Parks	Parks	500,000	0	100,000	100,000	100,000	100,000	100,000
PM08.050	Gladstone Savanna Improvements	Parks	2,180,000	980,000	250,000	600,000	300,000	50,000	0
PM08.060	Open Space Improvements	Parks	375,000	0	150,000	0	75,000	0	150,000
			<b>7,181,290</b>	<b>3,281,290</b>	<b>985,000</b>	<b>1,490,000</b>	<b>615,000</b>	<b>390,000</b>	<b>420,000</b>
PW12.020	Sterling Street Bridge Replacement	Public Works	1,400,000	0	0	0	0	100,000	1,300,000
PW03.210	Lift Station Upgrade Program	Public Works	150,000	0	75,000	25,000	25,000	25,000	0
PW14.010	Pond Clean Out/Dredging Projects	Public Works	300,000	100,000	0	100,000	0	100,000	0
PW14.060	Beebe Road Street Improvements	Public Works	1,730,000	60,000	90,000	1,580,000	0	0	0
PW15.060	Flood Remediation Projects	Public Works	264,000	0	64,000	30,000	140,000	30,000	0
PW15.070	Sidewalk and Trail Improvements	Public Works	861,000	150,000	711,000	0	0	0	0
PW15.080	White Bear Ave / I694 Interchange Project	Public Works	500,000	0	0	0	0	500,000	0
PW15.090	Sterling Street - Linwood Avenue to Londin Lane	Public Works	570,000	0	40,000	530,000	0	0	0
PW15.100	Ramsey County Signal Projects	Public Works	338,000	0	131,500	206,500	0	0	0
PW08.050	Lakewood/Sterling Area Streets	Public Works	3,280,000	0	100,000	100,000	3,080,000	0	0
PW09.080	Farrell/Ferndale Area Street Improvements	Public Works	7,270,000	0	0	100,000	100,000	7,070,000	0
PW09.100	Dennis/McClelland Area Street Improvements	Public Works	6,560,000	0	0	0	100,000	100,000	6,360,000
			<b>23,223,000</b>	<b>310,000</b>	<b>1,211,500</b>	<b>2,671,500</b>	<b>3,445,000</b>	<b>7,925,000</b>	<b>7,660,000</b>
CD02.010	Housing Replacement Program	Redevelopment	260,000	100,000	0	80,000	0	80,000	0
CD15.010	Gladstone Area Redevelopment	Redevelopment	2,000,000	0	0	100,000	0	1,900,000	0
CD09.010	Commercial Property Redevelopment	Redevelopment	1,500,000	100,000	100,000	650,000	0	650,000	0

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

**Status:** Proposed

PROJECT NUMBER	PROJECT TITLE	PROJECT CATEGORY	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2015	2016	2017	2018	2019
PW14.070	Gladstone - Phase II	Redevelopment	3,425,000	200,000	3,225,000	0	0	0	0
			7,185,000	400,000	3,325,000	830,000	0	2,630,000	0
			56,404,170	8,191,290	8,952,970	9,660,260	8,174,110	11,727,490	9,698,050

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

**Status:** Proposed

PROJECT NUMBER	PROJECT TITLE	NEIGHBORHOOD	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
					2015	2016	2017	2018	2019
FD10.011	Replacement of Fire Station	04 - Hazelwood	2,000,000	0	0	2,000,000	0	0	0
PW15.080	White Bear Ave / I694 Interchange Project	04 - Hazelwood	500,000	0	0	0	0	500,000	0
			<u>2,500,000</u>	<u>0</u>	<u>0</u>	<u>2,000,000</u>	<u>0</u>	<u>500,000</u>	<u>0</u>
PM15.050	Community Center Facility Management	06 - Sherwood Glen	5,280,000	0	2,500,000	580,000	1,200,000	0	1,000,000
			<u>5,280,000</u>	<u>0</u>	<u>2,500,000</u>	<u>580,000</u>	<u>1,200,000</u>	<u>0</u>	<u>1,000,000</u>
CD15.010	Gladstone Area Redevelopment	07 - Gladstone	2,000,000	0	0	100,000	0	1,900,000	0
FD10.012	Rehabilitation of Fire Station	07 - Gladstone	1,000,000	0	0	0	1,000,000	0	0
PM08.050	Gladstone Savanna Improvements	07 - Gladstone	2,180,000	980,000	250,000	600,000	300,000	50,000	0
PW14.070	Gladstone - Phase II	07 - Gladstone	3,425,000	200,000	3,225,000	0	0	0	0
			<u>8,605,000</u>	<u>1,180,000</u>	<u>3,475,000</u>	<u>700,000</u>	<u>1,300,000</u>	<u>1,950,000</u>	<u>0</u>
FD09.030	Public Safety Training Facility	08 - Hillside	5,810,000	4,160,000	0	1,000,000	650,000	0	0
PM11.020	Goodrich Park Improvements	08 - Hillside	1,493,000	268,000	375,000	550,000	100,000	200,000	0
PW14.060	Beebe Road Street Improvements	08 - Hillside	1,730,000	60,000	90,000	1,580,000	0	0	0
			<u>9,033,000</u>	<u>4,488,000</u>	<u>465,000</u>	<u>3,130,000</u>	<u>750,000</u>	<u>200,000</u>	<u>0</u>
PW09.080	Farrell/Ferndale Area Street Improvements	09 - Beaver Lake	7,270,000	0	0	100,000	100,000	7,070,000	0
			<u>7,270,000</u>	<u>0</u>	<u>0</u>	<u>100,000</u>	<u>100,000</u>	<u>7,070,000</u>	<u>0</u>
PW09.100	Dennis/McClelland Area Street Improvements	10 - Battle Creek	6,560,000	0	0	0	100,000	100,000	6,360,000
			<u>6,560,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>100,000</u>	<u>100,000</u>	<u>6,360,000</u>
PW15.090	Sterling Street - Linwood Avenue to Londin Lane	11 - Vista Hills	570,000	0	40,000	530,000	0	0	0
			<u>570,000</u>	<u>0</u>	<u>40,000</u>	<u>530,000</u>	<u>0</u>	<u>0</u>	<u>0</u>
PD15.060	Regional Police Firearms Training Range	12 - Highwood	125,000	0	0	25,000	100,000	0	0
PM11.010	Fish Creek Open Space	12 - Highwood	2,248,290	1,918,290	30,000	200,000	0	0	100,000
PW08.050	Lakewood/Sterling Area Streets	12 - Highwood	3,280,000	0	100,000	100,000	3,080,000	0	0
			<u>5,653,290</u>	<u>1,918,290</u>	<u>130,000</u>	<u>325,000</u>	<u>3,180,000</u>	<u>0</u>	<u>100,000</u>
PW12.020	Sterling Street Bridge Replacement	13 - Carver Ridge	1,400,000	0	0	0	0	100,000	1,300,000
			<u>1,400,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>100,000</u>	<u>1,300,000</u>
CD02.010	Housing Replacement Program	Not Designated	260,000	100,000	0	80,000	0	80,000	0
CD09.010	Commercial Property Redevelopment	Not Designated	1,500,000	100,000	100,000	650,000	0	650,000	0
FD03.020	Replacement of Fire Truck	Not Designated	493,490	0	0	0	493,490	0	0
FD15.020	Replacement of SCBA Bottles	Not Designated	80,000	0	80,000	0	0	0	0
FD08.010	Ambulance Replacement	Not Designated	215,000	0	0	0	0	215,000	0
FD09.020	Ambulance Replacement	Not Designated	200,000	0	0	200,000	0	0	0
IT12.010	Election Equipment	Not Designated	120,000	40,000	40,000	40,000	0	0	0
IT15.010	Asset Management Software	Not Designated	155,000	0	40,000	115,000	0	0	0
IT15.020	Eden Systems replacement	Not Designated	165,000	0	0	65,000	0	0	100,000
IT15.030	Laserfiche Update	Not Designated	65,000	0	0	0	40,000	25,000	0
IT15.040	Microsoft Office Upgrade	Not Designated	50,000	0	0	0	50,000	0	0
IT15.050	Council Chambers Improvements	Not Designated	100,000	0	25,000	75,000	0	0	0
PD14.010	Police Department Mobile Video	Not Designated	156,980	0	156,980	0	0	0	0
PD15.010	Squad Replacement	Not Designated	927,030	0	184,200	180,230	183,830	187,510	191,260
PD15.020	Records Management System	Not Designated	206,620	0	88,040	59,990	58,590	0	0
PD15.030	Squad Computer Replacement	Not Designated	154,660	0	14,700	19,990	39,200	39,980	40,790
PM.14.030	Parks Systems Plan	Not Designated	165,000	115,000	50,000	0	0	0	0
PM15.010	Deer Removal	Not Designated	60,000	0	30,000	0	0	0	30,000

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

**Status:** Proposed

PROJECT NUMBER	PROJECT TITLE	NEIGHBORHOOD	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR						
					2015	2016	2017	2018	2019		
PM15.020	EAB Ash Removal and Planting	Not Designated	160,000	0	0	40,000	40,000	40,000	40,000		
PM07.010	Park Upgrades to Existing Parks	Not Designated	500,000	0	100,000	100,000	100,000	100,000	100,000		
PM08.060	Open Space Improvements	Not Designated	375,000	0	150,000	0	75,000	0	150,000		
PW11.040	Single Axle Plow Truck	Not Designated	205,000	0	0	205,000	0	0	0		
PW12.040	One 1/2 Ton Pickup	Not Designated	22,000	0	0	0	22,000	0	0		
PW12.050	One Ton Truck	Not Designated	72,000	0	0	0	72,000	0	0		
PW13.030	Single Axle Plow Truck	Not Designated	205,000	0	0	0	0	205,000	0		
PW13.040	Street Sweeper	Not Designated	190,000	0	0	0	190,000	0	0		
PW03.210	Lift Station Upgrade Program	Not Designated	150,000	0	75,000	25,000	25,000	25,000	0		
PW14.010	Pond Clean Out/Dredging Projects	Not Designated	300,000	100,000	0	100,000	0	100,000	0		
PW14.020	Tandem Axle Plow Truck	Not Designated	222,000	0	222,000	0	0	0	0		
PW14.030	ToolCat 5600	Not Designated	40,000	0	40,000	0	0	0	0		
PW15.010	Single Axle Plow Truck	Not Designated	205,000	0	0	0	0	0	205,000		
PW15.020	Water Tanker	Not Designated	110,000	0	0	0	0	110,000	0		
PW15.030	One 1/2 ton truck	Not Designated	22,000	0	0	0	0	0	22,000		
PW15.040	Crack Filler	Not Designated	20,000	0	0	20,000	0	0	0		
PW15.050	Wood Chipper	Not Designated	30,000	0	0	0	0	0	30,000		
PW15.060	Flood Remediation Projects	Not Designated	264,000	0	64,000	30,000	140,000	30,000	0		
PW15.070	Sidewalk and Trail Improvements	Not Designated	861,000	150,000	711,000	0	0	0	0		
PW15.100	Ramsey County Signal Projects	Not Designated	338,000	0	131,500	206,500	0	0	0		
PW06.010	Two Trailers	Not Designated	23,100	0	11,550	11,550	0	0	0		
PW06.060	Three Wheel Truckster	Not Designated	15,000	0	0	0	15,000	0	0		
PW07.030	1-Ton Truck	Not Designated	72,000	0	0	72,000	0	0	0		
PW09.020	Two Toro Mowers	Not Designated	58,000	0	29,000	0	0	0	29,000		
					<b>9,532,880</b>	<b>605,000</b>	<b>2,342,970</b>	<b>2,295,260</b>	<b>1,544,110</b>	<b>1,807,490</b>	<b>938,050</b>
					<b>56,404,170</b>	<b>8,191,290</b>	<b>8,952,970</b>	<b>9,660,260</b>	<b>8,174,110</b>	<b>11,727,490</b>	<b>9,698,050</b>

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

**Status:** Declined

PROJECT NUMBER	PROJECT TITLE	TOTAL COST	PRIOR YEARS	ALLOCATION OF COSTS BY YEAR				
				2015	2016	2017	2018	2019
CD04.030	Hillcrest Area Roadway Improvements	1,000,000	0	0	0	0	0	1,000,000
CD04.040	Hillcrest Area Redevelopment	600,000	0	0	0	0	0	600,000
CD04.050	Hillcrest Area Streetscape	1,500,000	0	0	0	0	0	1,500,000
		<b>3,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,100,000</b>
FD15.010	Replacement of Police & Fire 800 MHz Radios	1,325,000	0	0	331,250	331,250	331,250	331,250
		<b>1,325,000</b>	<b>0</b>	<b>0</b>	<b>331,250</b>	<b>331,250</b>	<b>331,250</b>	<b>331,250</b>
MT015.010	City Hall Condenser Units (2)	428,000	0	0	428,000	0	0	0
MT15.020	Trane Energy Management System Upgrade	110,040	0	110,040	0	0	0	0
		<b>538,040</b>	<b>0</b>	<b>110,040</b>	<b>428,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
PM.14.020	Harvest Park	1,050,000	0	0	50,000	0	500,000	500,000
PM15.030	Maplewood Nature Center Land Acquisition	260,000	0	0	0	160,000	100,000	0
PM15.410	Nature Center Building Improvements	117,400	0	73,600	27,500	16,300	0	0
PM15.420	Historic Preservation Improvements	200,000	0	100,000	0	0	100,000	0
PM15.430	Wakefield Park	1,100,000	0	0	100,000	500,000	500,000	0
		<b>2,727,400</b>	<b>0</b>	<b>173,600</b>	<b>177,500</b>	<b>676,300</b>	<b>1,200,000</b>	<b>500,000</b>
PW15.110	Ferndale/Ivy Area Streets	3,095,000	0	0	0	0	225,000	2,870,000
PW15.120	Sidewalk and Trail Improvements	580,000	0	50,000	530,000	0	0	0
PW15.130	Sidewalk and Trail Improvements	350,000	0	0	50,000	300,000	0	0
PW15.140	Sidewalks and Trail Improvements	350,000	0	0	0	50,000	300,000	0
PW15.150	Sidewalks and Trail Improvements	390,000	0	0	0	0	50,000	340,000
		<b>4,765,000</b>	<b>0</b>	<b>50,000</b>	<b>580,000</b>	<b>350,000</b>	<b>575,000</b>	<b>3,210,000</b>
		<b>12,455,440</b>	<b>0</b>	<b>333,640</b>	<b>1,516,750</b>	<b>1,357,550</b>	<b>2,106,250</b>	<b>7,141,250</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.
- **Replacement of Public Safety 800 MHz Radios** – Funding is not currently available for this purchase. City staff will look at grant and other governmental funding options.
- **Various Building Maintenance items** – City staff is working to establish a building replacement fund to cover these types of purchases.
  - City Hall Condenser Units
  - Trane Energy Mgmt System Upgrade
- **Park Improvements** – The following park improvement projects are deferred to 2020 or beyond due to limited funding and a desire to reduce the level of City debt:
  - Harvest Park
  - Wakefield Park
  - Nature Center land acquisition
  - Nature Center building improvements
  - Historic Preservation improvements
- **Various Street Improvements** – The following street improvement projects are deferred to 2020 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:
  - Ferndale/Ivy Area Streets
  - Hillcrest Area Roadway Improvements
  - Hillcrest Area Streetscape
- **Sidewalk and Trail Improvements** – A funding source needs to be found for these projects. Options being looked at are establishing Sidewalk Improvement Districts or implementing a franchise fee.

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

ACCT NO.	2015	2016	2017	2018	2019
<u>Operating revenues:</u>					
3621 Ambulance fees	2,266,500	2,300,500	2,335,010	2,370,040	2,405,590
Total revenues	<u>2,266,500</u>	<u>2,300,500</u>	<u>2,335,010</u>	<u>2,370,040</u>	<u>2,405,590</u>
<u>Operating expenses:</u>					
Personnel services	1,666,240	1,642,560	1,675,410	1,708,920	1,743,100
Commodities	126,100	128,620	131,190	133,810	136,490
Contractual services	414,170	422,450	430,900	439,520	448,310
4950 Administration	214,090	218,370	222,740	227,190	231,730
4795 Depreciation	66,650	67,980	69,340	70,730	72,140
Total expenses	<u>2,487,250</u>	<u>2,479,980</u>	<u>2,529,580</u>	<u>2,580,170</u>	<u>2,631,770</u>
Operating income (loss)	(220,750)	(179,480)	(194,570)	(210,130)	(226,180)
<u>Nonoperating revenues (expenses):</u>					
Property taxes	396,390	396,390	396,390	396,390	396,390
State fire aid	94,170	94,170	94,170	94,170	94,170
Investment earnings	(15,000)	(12,080)	(10,410)	(6,870)	(5,570)
Total nonoperating revenues (expenses)	<u>475,560</u>	<u>478,480</u>	<u>480,150</u>	<u>483,690</u>	<u>484,990</u>
Change in net assets	254,810	299,000	285,580	273,560	258,810
Net assets - January 1	(206,688)	48,122	347,122	632,702	906,262
Net assets - December 31	<u>48,122</u>	<u>347,122</u>	<u>632,702</u>	<u>906,262</u>	<u>1,165,072</u>

STATEMENT OF CASH FLOWS

	2015	2016	2017	2018	2019
Net income (loss) before contributions and transfers	254,810	299,000	285,580	273,560	258,810
Add depreciation	66,650	67,980	69,340	70,730	72,140
Purchase of fixed assets	(30,000)	(200,000)	-	(215,000)	-
Net increase (decrease) in cash	<u>291,460</u>	<u>166,980</u>	<u>354,920</u>	<u>129,290</u>	<u>330,950</u>
Cash balance - January 1	(1,499,898)	(1,208,438)	(1,041,458)	(686,538)	(557,248)
Cash balance - December 31	<u>(1,208,438)</u>	<u>(1,041,458)</u>	<u>(686,538)</u>	<u>(557,248)</u>	<u>(226,298)</u>

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

ACCT NO.	2015	2016	2017	2018	2019
<u>Property Taxes:</u>					
3011 Current	163,510	163,510	163,510	163,510	163,510
<u>Intergovernmental:</u>					
3521 Local government aid	72,000	72,000	72,000	72,000	72,000
<u>Miscellaneous Revenue:</u>					
3801 Investment earnings	(90)	(230)	70	30	980
 Total revenues	 235,420	 235,280	 235,580	 235,540	 236,490
<u>Expenditures:</u>					
4480 Fees for service	30,000	40,000	40,000	40,000	70,000
4640 Equipment	120,000	40,000	-	-	-
4720 Land improvement	100,000	100,000	100,000	100,000	100,000
4730 Building improvement	-	25,000	100,000	-	-
4930 Investment management fees	-	-	60	20	780
 Total expenditures	 250,000	 205,000	 240,060	 140,020	 170,780
 Net increase (decrease) in fund balance	 (14,580)	 30,280	 (4,480)	 95,520	 65,710
 Fund balance - January 1	 (8,520)	 (23,100)	 7,180	 2,700	 98,220
 Fund balance - December 31	 (23,100)	 7,180	 2,700	 98,220	 163,930

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

ACCT NO.	2015	2016	2017	2018	2019
<u>Operating revenues:</u>					
3651 Environmental utility charges	2,487,450	2,562,070	2,638,930	2,718,100	2,799,640
Total revenues	<u>2,487,450</u>	<u>2,562,070</u>	<u>2,638,930</u>	<u>2,718,100</u>	<u>2,799,640</u>
<u>Operating expenses:</u>					
Nature center	83,030	84,690	86,380	88,110	89,870
Planning	271,700	277,130	282,670	288,320	294,090
Storm sewer maintenance	536,790	547,530	558,480	569,650	581,040
Street sweeping	270,660	276,070	281,590	287,220	292,960
4485 Billing	46,200	47,120	48,060	49,020	50,000
4950 Administration	162,310	165,560	168,870	172,250	175,700
4795 Depreciation	534,210	544,890	555,790	566,910	578,250
Total expenses	<u>1,904,900</u>	<u>1,942,990</u>	<u>1,981,840</u>	<u>2,021,480</u>	<u>2,061,910</u>
Operating income (loss)	582,550	619,080	657,090	696,620	737,730
<u>Nonoperating revenues (expenses):</u>					
Investment earnings	3,640	6,910	11,260	13,410	5,410
Investment management fees	(2,910)	(5,530)	(9,010)	(10,730)	(4,330)
Total nonoperating revenues (expenses)	<u>730</u>	<u>1,380</u>	<u>2,250</u>	<u>2,680</u>	<u>1,080</u>
Net income (loss) before contributions and transfers	583,280	620,460	659,340	699,300	738,810
<u>Transfers in (out):</u>					
Public Improvement Projects fund (net)	(335,000)	(201,000)	(413,400)	(1,497,000)	(1,361,000)
Debt Service	(390,680)	(399,540)	(397,140)	(389,110)	(392,300)
Storm Cleanup	(64,000)	(30,000)	(140,000)	(30,000)	-
Pond clean up/dredging projects	-	(100,000)	-	(100,000)	-
Park Development	-	-	(50,000)	(50,000)	-
Change in net assets	<u>(206,400)</u>	<u>(110,080)</u>	<u>(341,200)</u>	<u>(1,366,810)</u>	<u>(1,014,490)</u>
Net assets - January 1	23,397,277	23,190,877	23,080,797	22,739,597	21,372,787
Net assets - December 31	<u><u>23,190,877</u></u>	<u><u>23,080,797</u></u>	<u><u>22,739,597</u></u>	<u><u>21,372,787</u></u>	<u><u>20,358,297</u></u>

STATEMENT OF CASH FLOWS

	2015	2016	2017	2018	2019
Net income (loss) before contributions and transfers	583,280	620,460	659,340	699,300	738,810
Add depreciation	534,210	544,890	555,790	566,910	578,250
Transfers in (out)	(789,680)	(730,540)	(1,000,540)	(2,066,110)	(1,753,300)
Net increase (decrease) in cash	<u>327,810</u>	<u>434,810</u>	<u>214,590</u>	<u>(799,900)</u>	<u>(436,240)</u>
Cash balance - January 1	363,511	691,321	1,126,131	1,340,721	540,821
Cash balance - December 31	<u><u>691,321</u></u>	<u><u>1,126,131</u></u>	<u><u>1,340,721</u></u>	<u><u>540,821</u></u>	<u><u>104,581</u></u>

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

ACCT NO.	2015	2016	2017	2018	2019
<u>Property Taxes:</u>					
3011 Current	-	49,550	49,550	49,550	49,550
<u>Miscellaneous Revenue:</u>					
3801 Investment earnings	4,880	5,140	5,640	1,210	1,710
Total revenues	<u>4,880</u>	<u>54,690</u>	<u>55,190</u>	<u>50,760</u>	<u>51,260</u>
<u>Expenditures:</u>					
4610 Fire trucks	-	-	493,490	-	-
4930 Investment management fees	3,900	4,110	4,510	970	1,370
Total expenditures	<u>3,900</u>	<u>4,110</u>	<u>498,000</u>	<u>970</u>	<u>1,370</u>
Net increase (decrease) in fund balance	980	50,580	(442,810)	49,790	49,890
Fund balance - January 1	512,621	513,601	564,181	121,371	171,161
Fund balance - December 31	<u><u>513,601</u></u>	<u><u>564,181</u></u>	<u><u>121,371</u></u>	<u><u>171,161</u></u>	<u><u>221,051</u></u>

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

ACCT NO.	2015	2016	2017	2018	2019
<u>Operating revenues:</u>					
3802 Billings to departments	921,700	940,130	958,930	978,110	997,670
3671 Miscellaneous	57,700	58,850	60,030	61,230	62,450
Total revenues	<u>979,400</u>	<u>998,980</u>	<u>1,018,960</u>	<u>1,039,340</u>	<u>1,060,120</u>
<u>Operating expenses:</u>					
Personnel services	298,130	304,090	310,170	316,370	322,700
Commodities	245,500	250,410	255,420	260,530	265,740
Contractual services	131,310	133,940	136,620	139,350	142,140
Depreciation	268,250	273,620	279,090	284,670	290,360
Total expenses	<u>943,190</u>	<u>962,060</u>	<u>981,300</u>	<u>1,000,920</u>	<u>1,020,940</u>
Operating income (loss)	36,210	36,920	37,660	38,420	39,180
Nonoperating revenues (expenses):					
Investment earnings	1,280	1,300	1,330	1,510	1,590
Investment management fees	(1,020)	(1,040)	(1,060)	(1,210)	(1,270)
Total nonoperating revenues (expenses)	<u>260</u>	<u>260</u>	<u>270</u>	<u>300</u>	<u>320</u>
Change in net assets	36,470	37,180	37,930	38,720	39,500
Net assets - January 1	2,313,902	2,350,372	2,387,552	2,425,482	2,464,202
Net assets - December 31	<u><u>2,350,372</u></u>	<u><u>2,387,552</u></u>	<u><u>2,425,482</u></u>	<u><u>2,464,202</u></u>	<u><u>2,503,702</u></u>

STATEMENT OF CASH FLOWS

	2015	2016	2017	2018	2019
Net income (loss) before contributions and transfers	36,470	37,180	37,930	38,720	39,500
Add depreciation	268,250	273,620	279,090	284,670	290,360
Purchase of fixed assets	(302,550)	(308,550)	(299,000)	(315,000)	(286,000)
Net increase (decrease) in cash	<u>2,170</u>	<u>2,250</u>	<u>18,020</u>	<u>8,390</u>	<u>43,860</u>
Cash balance - January 1	128,273	130,443	132,693	150,713	159,103
Cash balance - December 31	<u><u>130,443</u></u>	<u><u>132,693</u></u>	<u><u>150,713</u></u>	<u><u>159,103</u></u>	<u><u>202,963</u></u>

CITY OF MAPLEWOOD  
**INFORMATION TECHNOLOGY FUND (703)**  
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS

	2015	2016	2017	2018	2019
<u>Operating revenues:</u>					
Billings to departments:					
I.T. services	773,680	803,680	833,680	863,680	893,680
Total revenues	<u>773,680</u>	<u>803,680</u>	<u>833,680</u>	<u>863,680</u>	<u>893,680</u>
<u>Operating expenses:</u>					
<u>I.T. services</u>					
Personnel services	368,880	376,260	383,790	391,470	399,300
Commodities	94,100	95,980	97,900	99,860	101,860
Contractual services	282,920	288,580	294,350	300,240	306,240
Depreciation	21,350	21,780	22,220	22,660	23,110
Total expenses	<u>767,250</u>	<u>782,600</u>	<u>798,260</u>	<u>814,230</u>	<u>830,510</u>
Operating income (loss)	6,430	21,080	35,420	49,450	63,170
Nonoperating revenues (expenses):					
Investment earnings	1,310	1,190	(180)	(500)	(40)
Investment management fees	(1,050)	(950)	-	-	-
Total nonoperating revenues (expenses)	<u>260</u>	<u>240</u>	<u>(180)</u>	<u>(500)</u>	<u>(40)</u>
Change in net assets	6,690	21,320	35,240	48,950	63,130
Net assets - January 1	209,750	216,440	237,760	273,000	321,950
Net assets - December 31	<u><u>216,440</u></u>	<u><u>237,760</u></u>	<u><u>273,000</u></u>	<u><u>321,950</u></u>	<u><u>385,080</u></u>

STATEMENT OF CASH FLOWS

	2015	2016	2017	2018	2019
Net income (loss) before contributions and transfers	6,690	21,320	35,240	48,950	63,130
Add depreciation	21,350	21,780	22,220	22,660	23,110
Purchase of fixed assets	(40,000)	(180,000)	(90,000)	(25,000)	(100,000)
Net increase (decrease) in cash	<u>(11,960)</u>	<u>(136,900)</u>	<u>(32,540)</u>	<u>46,610</u>	<u>(13,760)</u>
Cash balance - January 1	131,261	119,301	(17,599)	(50,139)	(3,529)
Cash balance - December 31	<u><u>119,301</u></u>	<u><u>(17,599)</u></u>	<u><u>(50,139)</u></u>	<u><u>(3,529)</u></u>	<u><u>(17,289)</u></u>

CITY OF MAPLEWOOD  
**MAPLEWOOD AREA EDA FUND (280)**  
STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE

ACCT NO.	2015	2016	2017	2018	2019
<u>Property Taxes:</u>					
3011 Current	88,460	88,460	88,460	88,460	88,460
<u>Miscellaneous Revenue:</u>					
3801 Investment earnings	5,870	3,780	1,470	1,990	2,210
3804 Sale of property	-	600,000	-	600,000	-
Total revenues	<u>94,330</u>	<u>692,240</u>	<u>89,930</u>	<u>690,450</u>	<u>90,670</u>
<u>Expenditures:</u>					
Personnel	16,150	16,470	16,800	17,140	17,480
Commodities	1,000	-	-	-	-
Contractual services	12,150	-	-	-	-
Land	100,000	750,000	-	650,000	-
4930 Investment management fees	1,910	1,620	1,020	1,590	1,770
Total expenditures	<u>131,210</u>	<u>768,090</u>	<u>17,820</u>	<u>668,730</u>	<u>19,250</u>
Excess (deficit) of revenue over expenditures	(36,880)	(75,850)	72,110	21,720	71,420
Fund balance - January 1	239,478	202,598	126,748	198,858	220,578
Fund balance - December 31	<u>202,598</u>	<u>126,748</u>	<u>198,858</u>	<u>220,578</u>	<u>291,998</u>

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

ACCT NO.	2015	2016	2017	2018	2019
<u>Miscellaneous Revenue:</u>					
3801 Investment earnings	4,000	1,270	(730)	20	520
3851 Park availability charges - residential	100,000	100,000	100,000	100,000	100,000
3852 Park availability charges - non-residential	400,000	600,000	400,000	150,000	150,000
Total revenues	<u>504,000</u>	<u>701,270</u>	<u>499,270</u>	<u>250,020</u>	<u>250,520</u>
<u>Expenditures:</u>					
4490 Consulting	50,000	-	-	-	-
4720 Park development projects	1,055,000	750,000	425,000	200,000	150,000
4930 Investment management fees	3,200	1,020	-	20	420
Total expenditures	<u>1,108,200</u>	<u>751,020</u>	<u>425,000</u>	<u>200,020</u>	<u>150,420</u>
Excess (deficit) of revenue over expenditures	(604,200)	(49,750)	74,270	50,000	100,100
Other financing sources (uses):					
Transfers in (out)					
Public Improvement Project Fund	-	(150,000)	-	-	(100,000)
Net increase (decrease) in fund balance	<u>(604,200)</u>	<u>(199,750)</u>	<u>74,270</u>	<u>50,000</u>	<u>100</u>
Fund balance - January 1	731,313	127,113	(72,637)	1,633	51,633
Fund balance - December 31	<u>127,113</u>	<u>(72,637)</u>	<u>1,633</u>	<u>51,633</u>	<u>51,733</u>

CITY OF MAPLEWOOD  
**POLICE SERVICES FUND (208)**  
STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE

ACCT NO.	2015	2016	2017	2018	2019
<u>Fines and Forfeits:</u>					
3403 Confiscated property	10,000	10,000	10,000	10,000	10,000
<u>Miscellaneous Revenue:</u>					
3801 Investment earnings	880	620	720	440	540
Total revenues	<u>10,880</u>	<u>10,620</u>	<u>10,720</u>	<u>10,440</u>	<u>10,540</u>
<u>Expenditures:</u>					
4610 Vehicles	36,600	-	38,080	-	39,620
4930 Investment management fees	700	500	580	350	430
Total expenditures	<u>37,300</u>	<u>500</u>	<u>38,660</u>	<u>350</u>	<u>40,050</u>
Excess (deficit) of revenue over expenditures	(26,420)	10,120	(27,940)	10,090	(29,510)
Fund balance - January 1	87,941	61,521	71,641	43,701	53,791
Fund balance - December 31	<u>61,521</u>	<u>71,641</u>	<u>43,701</u>	<u>53,791</u>	<u>24,281</u>

CITY OF MAPLEWOOD  
**POLICE VEHICLES & EQUIPMENT (406)**  
STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCE

ACCT NO.	2015	2016	2017	2018	2019
<u>Property Taxes:</u>					
3011 Current	252,700	252,700	252,700	252,700	252,700
<u>Miscellaneous Revenue:</u>					
3801 Investment earnings	-	20	(50)	40	290
Total revenues	<u>252,700</u>	<u>252,720</u>	<u>252,650</u>	<u>252,740</u>	<u>252,990</u>
<u>Expenditures:</u>					
4610 Vehicles	147,600	180,230	145,750	187,510	151,640
4640 Equipment	259,720	79,980	97,790	39,980	40,790
4930 Investment management fees	-	20	-	30	230
Total expenditures	<u>407,320</u>	<u>260,230</u>	<u>243,540</u>	<u>227,520</u>	<u>192,660</u>
Excess (deficit) of revenue over expenditures	(154,620)	(7,510)	9,110	25,220	60,330
Other financing sources (uses):					
Bond sale proceeds	157,000	-	-	-	-
Net increase (decrease) in fund balance	<u>2,380</u>	<u>(7,510)</u>	<u>9,110</u>	<u>25,220</u>	<u>60,330</u>
Fund balance - January 1	-	2,380	(5,130)	3,980	29,200
Fund balance - December 31	<u><u>2,380</u></u>	<u><u>(5,130)</u></u>	<u><u>3,980</u></u>	<u><u>29,200</u></u>	<u><u>89,530</u></u>

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

ACCT NO.	2015	2016	2017	2018	2019
<u>Property Taxes:</u>					
3011 Current	-	39,640	39,640	39,640	39,640
<u>Miscellaneous Revenue:</u>					
3801 Investment earnings	390	390	(20)	380	(20)
Total revenues	<u>390</u>	<u>40,030</u>	<u>39,620</u>	<u>40,020</u>	<u>39,620</u>
<u>Expenditures:</u>					
4720 Land improvement	-	80,000	-	80,000	-
4930 Investment management fees	310	310	-	300	-
Total expenditures	<u>310</u>	<u>80,310</u>	<u>-</u>	<u>80,300</u>	<u>-</u>
Net increase (decrease) in fund balance	80	(40,280)	39,620	(40,280)	39,620
Fund balance - January 1	38,644	38,724	(1,556)	38,064	(2,216)
Fund balance - December 31	<u><u>38,724</u></u>	<u><u>(1,556)</u></u>	<u><u>38,064</u></u>	<u><u>(2,216)</u></u>	<u><u>37,404</u></u>

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

ACCT NO.	2015	2016	2017	2018	2019
<u>Operating revenues:</u>					
3305 Sewer permits	4,300	4,300	4,300	4,300	4,300
3651 Sewer billings	4,900,000	4,900,000	4,900,000	4,900,000	4,900,000
Total revenues	<u>4,904,300</u>	<u>4,904,300</u>	<u>4,904,300</u>	<u>4,904,300</u>	<u>4,904,300</u>
<u>Operating expenses:</u>					
Personnel services	551,040	562,060	573,300	584,770	596,470
Commodities	23,560	24,030	24,510	25,000	25,500
Contractual services	219,040	223,420	227,890	232,450	237,100
4485 Billing	46,000	46,920	47,860	48,820	49,800
4510 Sewage treatment	2,859,970	2,917,170	2,975,510	3,035,020	3,095,720
4950 Administration	339,170	345,950	352,870	359,930	367,130
4795 Depreciation	385,960	393,680	401,550	409,580	417,770
Total expenses	<u>4,424,740</u>	<u>4,513,230</u>	<u>4,603,490</u>	<u>4,695,570</u>	<u>4,789,490</u>
Operating income (loss)	479,560	391,070	300,810	208,730	114,810
<u>Nonoperating revenues (expenses):</u>					
Investment earnings	32,020	36,880	41,350	44,880	43,670
Miscellaneous expenses	(2,000)	-	-	-	-
Investment management fees	(25,620)	(29,500)	(33,080)	(35,900)	(34,940)
Total nonoperating revenues (expenses)	<u>4,400</u>	<u>7,380</u>	<u>8,270</u>	<u>8,980</u>	<u>8,730</u>
Net income (loss) before contributions and transfers	483,960	398,450	309,080	217,710	123,540
<u>Transfers in (out):</u>					
Public Improvement Projects fund (net)	(60,800)	(75,100)	(83,100)	(480,000)	(312,000)
Debt Service	(248,900)	(244,340)	(249,580)	(243,480)	(237,120)
Change in net assets	<u>174,260</u>	<u>79,010</u>	<u>(23,600)</u>	<u>(505,770)</u>	<u>(425,580)</u>
Net assets - January 1	15,826,294	16,000,554	16,079,564	16,055,964	15,550,194
Net assets - December 31	<u><u>16,000,554</u></u>	<u><u>16,079,564</u></u>	<u><u>16,055,964</u></u>	<u><u>15,550,194</u></u>	<u><u>15,124,614</u></u>

STATEMENT OF CASH FLOWS

	2015	2016	2017	2018	2019
Net income (loss) before contributions and transfers	483,960	398,450	309,080	217,710	123,540
Add depreciation	385,960	393,680	401,550	409,580	417,770
Purchase of fixed assets	(75,000)	(25,000)	(25,000)	(25,000)	-
Transfers in (out)	(309,700)	(319,440)	(332,680)	(723,480)	(549,120)
Net increase (decrease) in cash	<u>485,220</u>	<u>447,690</u>	<u>352,950</u>	<u>(121,190)</u>	<u>(7,810)</u>
Cash balance - January 1	3,202,289	3,687,509	4,135,199	4,488,149	4,366,959
Cash balance - December 31	<u><u>3,687,509</u></u>	<u><u>4,135,199</u></u>	<u><u>4,488,149</u></u>	<u><u>4,366,959</u></u>	<u><u>4,359,149</u></u>

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

ACCT NO.	2015	2016	2017	2018	2019
<u>Operating revenues:</u>					
3032 Electric franchise tax	477,260	477,260	477,260	477,260	477,260
Total revenues	<u>477,260</u>	<u>477,260</u>	<u>477,260</u>	<u>477,260</u>	<u>477,260</u>
<u>Operating expenses:</u>					
Commodities	15,000	15,450	15,910	16,390	16,880
Contractual services	16,440	16,930	17,440	17,960	18,500
4320 Utilities	200,000	206,000	212,180	218,550	225,110
4950 Administration	18,900	19,470	20,050	20,650	21,270
Total expenses	<u>250,340</u>	<u>257,850</u>	<u>265,580</u>	<u>273,550</u>	<u>281,760</u>
Operating income (loss)	226,920	219,410	211,680	203,710	195,500
<u>Nonoperating revenues (expenses):</u>					
Investment earnings	450	(4,200)	(4,110)	(2,040)	(20)
Investment management fees	(360)	-	-	-	-
Total nonoperating revenues (expenses)	<u>90</u>	<u>(4,200)</u>	<u>(4,110)</u>	<u>(2,040)</u>	<u>(20)</u>
Net income (loss) before contributions and transfers	227,010	215,210	207,570	201,670	195,480
<u>Transfers in (out):</u>					
Public Improvement Projects fund (net)	(692,500)	(206,500)	-	-	-
Change in net assets	<u>(465,490)</u>	<u>8,710</u>	<u>207,570</u>	<u>201,670</u>	<u>195,480</u>
Net assets - January 1	105,410	(360,080)	(351,370)	(143,800)	57,870
Net assets - December 31	<u>(360,080)</u>	<u>(351,370)</u>	<u>(143,800)</u>	<u>57,870</u>	<u>253,350</u>

STATEMENT OF CASH FLOWS

	2015	2016	2017	2018	2019
Net income (loss) before contributions and transfers	227,010	215,210	207,570	201,670	195,480
Transfers in (out)	(692,500)	(206,500)	-	-	-
Net increase (decrease) in cash	<u>(465,490)</u>	<u>8,710</u>	<u>207,570</u>	<u>201,670</u>	<u>195,480</u>
Cash balance - January 1	45,332	(420,158)	(411,448)	(203,878)	(2,208)
Cash balance - December 31	<u>(420,158)</u>	<u>(411,448)</u>	<u>(203,878)</u>	<u>(2,208)</u>	<u>193,272</u>

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

ACCT NO.	2015	2016	2017	2018	2019
<u>Miscellaneous Revenue:</u>					
3651 Utility billings	342,620	382,930	382,930	382,930	382,930
3801 Investment earnings	3,860	6,990	10,010	12,730	13,470
3808 Water availability charges	19,230	19,230	19,230	19,230	19,230
<b>Total revenues</b>	<b>365,710</b>	<b>409,150</b>	<b>412,170</b>	<b>414,890</b>	<b>415,630</b>
<u>Expenditures:</u>					
4485 Fees for utility billing	5,390	5,500	5,610	5,720	5,830
4930 Investment management fees	3,090	5,590	8,010	10,180	10,780
<b>Total expenditures</b>	<b>8,480</b>	<b>11,090</b>	<b>13,620</b>	<b>15,900</b>	<b>16,610</b>
Excess (deficit) of revenue over expenditures	357,230	398,060	398,550	398,990	399,020
<u>Other financing sources (uses):</u>					
Transfers in (out)					
Public Improvement Projects	-	(51,600)	(83,100)	(277,000)	(254,000)
Debt service funds	(44,800)	(44,150)	(43,430)	(47,890)	(46,880)
<b>Net increase (decrease) in fund balance</b>	<b>312,430</b>	<b>302,310</b>	<b>272,020</b>	<b>74,100</b>	<b>98,140</b>
Fund balance - January 1	386,193	698,623	1,000,933	1,272,953	1,347,053
<b>Fund balance - December 31</b>	<b>698,623</b>	<b>1,000,933</b>	<b>1,272,953</b>	<b>1,347,053</b>	<b>1,445,193</b>

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