

**City of Minneapolis  
2016 Budget**

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**City of Minneapolis**  
**2016 – 2020 Capital Program**  
**Capital Budget Narrative Overview**

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**CAPITAL IMPROVEMENT BUDGET DEVELOPMENT**

The City adopts a five-year capital improvement program (CIP) that is updated annually. Each year, City departments & independent boards and commissions prepare new and/or modify existing capital budget requests (CBRs). The CBRs are then reviewed by the Capital Long-Range Improvement Committee (CLIC) which is a citizen advisory committee to the Mayor and City Council. The CLIC process is facilitated by Finance & Property Services staff.

CLIC is comprised of 33 appointed members, including two members per Council Ward and seven at-large members appointed by the Mayor. The overall committee elects a Chair and Vice Chair. The committee functions with two programmatic task forces of approximately the same number of members. Each task force, “Transportation” and “Human Development”, elects a Chair and Vice Chair. Collectively, these six elected members form the Executive Committee and represent CLIC in meetings with the Mayor and City Council. The task force members receive and review all CBRs for their program areas as submitted by the various City departments, independent boards and commissions.

During several half-day or full-day meetings, departments and boards formally present their requests and offer explanations. Task force members then rate all proposals using a rating system with specific criteria and create a numerical ranking for each project. Highest-ranking projects are then balanced against proposed available resources by year to arrive at a five-year capital improvement program recommendation to the Mayor and City Council.

CLIC’s recommendations serve as the starting point from which the Mayor and City Council’s decisions are made. The Mayor makes recommendations on the capital budget as well as the operating budget. The Council adopts the five-year capital plan simultaneously with the operating budget, although appropriation is only adopted for the first year.

For this five-year plan covering years 2016 - 2020, there were 89 CBRs reviewed and rated. The total requested capital budget for the five years was \$701.50 million.

**HIGHLIGHTS OF THE 2016-2020 COUNCIL ADOPTED CAPITAL IMPROVEMENT PROGRAM**

***Five-Year Capital Program Totals:*** For 2016 – 2020, the five-year capital program for City departments, independent boards and commissions totals \$668.90 million including all funding sources. The 2016 portion of this program is \$134.77 million. This budget continues the commitment to improving the City’s infrastructure.

The table below provides a high level summary of the Council Adopted five-year capital program. The amounts in this table and all documents and reports in the capital section incorporate the final changes adopted by the Minneapolis Park Board. For 2016, the Park Board changes resulted in a reduction of (\$.41) million for Neighborhood Parks and for the five-year capital plan, the reductions totaled (\$3.32) million. These reductions were partly offset by an increase of \$.92 million in the Public Works Parkway Street Light Replacement program. The reductions resulted from a reduction of park levy funds dedicated to capital improvements. Funding for individual projects can be found in the “Capital Budget Detail for Funded Projects” report later in this document.

Submitting Agency	Infrastructure Category	2016	2017	2018	2019	2020	Total	Percent of Total
<b>Budget in Thousands</b>								
<b>PARK BOARD</b>	NEIGHBORHOOD PARKS*	4,452	2,980	3,235	5,558	4,076	20,301	3.03%
<b>PUBLIC WORKS</b>	TRANSPORTATION INFRASTRUCTURE	64,005	44,718	49,901	63,876	51,355	273,855	40.94%
	UTILITY FEE BASED ENTERPRISES	46,550	77,998	75,010	58,200	49,650	307,408	45.96%
	<b>Public Works Department Totals</b>	<b>110,555</b>	<b>122,716</b>	<b>124,911</b>	<b>122,076</b>	<b>101,005</b>	<b>581,263</b>	<b>86.90%</b>
<b>OTHER AGENCIES</b>	CITY HALL, PUBLIC BLDGS, IT, MISC.	19,760	25,655	10,785	9,560	1,580	67,340	10.07%
<b>COUNCIL ADOPTED FIVE-YEAR CAPITAL PROGRAM</b>		<b>134,767</b>	<b>151,351</b>	<b>138,931</b>	<b>137,194</b>	<b>106,661</b>	<b>668,904</b>	<b>100.00%</b>

\* Includes amendments adopted by the Minneapolis Park Board

**Property Tax Supported Net Debt Bond Program:**

The Net Debt Bond (NDB) program is funded by property tax revenue. As a result of increasing the base NDB program for additional infrastructure improvements over the last several years, the bond redemption levy will show an increase for 2016 and smaller increases in future years to support the additional debt service that will be incurred. These increases are possible due to completion of the internal service fund workout plans in 2015 and lower overall debt levels. These property tax supported bonds help to leverage many other funding sources in the five-year plan. Below are highlights of certain NDB totals (in millions) – individual project funding details are presented later in this document.

**NDB Resources for Capital Improvements:** The base NDB funding levels have been increasing from the 2011 – 2015 capital program level of \$89.40 million to \$155.00 million in the current five-year plan. The 2016 – 2020 NDB program continues this higher base level of funding to continue significant improvements to the City’s infrastructure. This capital infusion will improve all classes of City infrastructure with a greater emphasis on paving projects, pedestrian and bikeway connections, safety and lighting improvements, traffic safety and signage improvements and bridge improvements. These additional resources are combined with municipal state aid, special assessments and grant funds. Total funding for individual projects can be found in the “Capital Budget Detail for Funded Projects” report later in this document.

\$ millions	2016	2017	2018	2019	2020	TOTAL
<b>NDB funding totals</b>	\$ 32.83	\$ 27.90	\$ 29.55	\$ 34.49	\$ 30.23	\$ 155.00

**Public Works – NDB funding:** The 2016 capital budget includes \$19.07 million in NDB funding for Public Works projects. The 2016 program includes \$3.00 million to redesign and repave 3<sup>rd</sup> Ave from 1<sup>st</sup> to 16<sup>th</sup> St to include protected bike lanes and more greenspace. Below is a summary of the 2016 - 2020 NDB allocation for Public Works infrastructure programs.

\$ millions	2016	2017	2018	2019	2020	TOTAL
<b>NDB – Public Works</b>	\$ 19.07	\$ 16.85	\$ 19.35	\$ 23.04	\$ 27.26	\$ 105.57

**Neighborhood Parks NDB and other funding sources:** The 2016 capital budget includes \$4.15 million for Park improvements including \$2.5 million of net debt bonds, and \$1.65 million of Park capital levy. Below is a summary of the total 2016 – 2020 funding for neighborhood parks capital improvements, excluding the Diseased Tree Program.

\$ millions	2016	2017	2018	2019	2020	TOTAL
<b>NDB – Park Board</b>	\$ 2.50	\$ 1.50	\$ 1.00	\$ 3.32	\$ 1.84	\$ 10.16
<b>Park Capital Levy</b>	\$ 1.65	\$ 1.18	\$ 1.94	\$ 1.94	\$ 1.94	\$ 8.65
<b>Total Neighborhood Parks</b>	\$ 4.15	\$ 2.68	\$ 2.94	\$ 5.26	\$ 3.78	\$ 18.81

In addition to the neighborhood parks funding mentioned above, the Park Board also allocated an additional \$.92 million of Park Capital Levy funding for Parkway Street Light Replacement in this five-year capital plan. This project will be managed by the Public Works Department and will also utilize additional net debt bond funding.

**NDB funding for Municipal Building Commission (MBC), Information Technology, Public Grounds & Facilities, and Miscellaneous Projects:** The 2016 capital budget includes \$11.26 million in NDB funding for these categories. Projects include technology related improvements and physical building, office space and security improvements for Police, Fire and other City buildings, including City Hall. These categories comprise 25.3% of the available NDB resources in the five-year plan. Below is a summary of the 2016 - 2020 NDB funding for MBC, Information Technology, Public Grounds & Facilities, and Miscellaneous projects, including Public Art.

\$ millions	2016	2017	2018	2019	2020	TOTAL
<b>NDB - Other</b>	\$ 11.26	\$ 9.55	\$ 9.20	\$ 8.13	\$ 1.13	\$ 39.27

**Utility Fee/Rate Supported Capital:** The 2016 - 2020 capital budget includes funding for sanitary and storm sewers and water infrastructure improvements which are supported by utility rates. Long-term financial plans are used to determine utility fees required to support operations and infrastructure costs. The table below does not include utility fund contributions of \$3.78 million over the five-year period for utility work performed as part of certain paving or bridge projects. Utility Fees can be found in the Financial Schedules section of this book. Below is a summary of the Council Adopted capital program for these enterprises:

Submitting Agency	Infrastructure Category	2016	2017	2018	2019	2020	Total	Percent of Total
<b>Budget in Thousands</b>								
<b>PUBLIC WORKS</b>	Utility Fee/Rate Based Enterprises							
	SANITARY SEWERS	10,550	9,250	9,250	9,250	9,250	47,550	15.47%
	STORM SEWERS	13,750	21,378	22,330	16,750	15,750	89,958	29.26%
	WATER INFRASTRUCTURE	22,250	47,370	43,430	32,200	24,650	169,900	55.27%
	<b>Public Works Utility Totals</b>	<b>46,550</b>	<b>77,998</b>	<b>75,010</b>	<b>58,200</b>	<b>49,650</b>	<b>307,408</b>	<b>100.00%</b>

***Relationship between the Capital and Operating Budgets:*** As part of each capital budget request, submitting agencies identify whether the capital request will result in an increase or decrease in annual operating costs. Departments are instructed to manage operating cost increases or decreases within existing operating budget funding levels. More information about operating costs can be found in the “Operating Cost Implications for Approved 2016 Projects” report later in this document.

## **CITY DEBT**

**Minneapolis' total general obligation debt decreased from \$731 million at 12/31/2014 to \$643 million at 12/31/2015.**

In 2015, the City of Minneapolis issued bonds and notes totaling \$42.71 million. Of this amount, \$22.71 million of bonds were issued to refund existing debt and \$20 million of general obligation notes were issued to finance new capital improvements. Below are details of the 2015 debt issuances.

### 2015 Bond Refunding Transactions

In March 2015, the City issued \$8.245 million of Tax Increment Revenue Refunding Bonds (Village at St. Anthony Falls Project) Series 2015. The City received net proceeds of \$8.16 million including a \$.039 million bond premium offset by a \$.124 million underwriter discount. These net proceeds were used on April 6, 2015 along with \$1.20 million of cash on hand to redeem the remaining \$5.46 million of Tax Increment Revenue Refunding Bonds (Village at St. Anthony Falls Project), Series 2004 and remaining \$3.37 million of Tax Increment Revenue Refunding Bonds (Village at St. Anthony Falls Project), Series 2005 and to pay the costs of issuing the bonds and establishing a \$.405 million debt service reserve fund. The refunding bonds were issued in fixed rate mode and had interest rates ranging from 1.60% to 4.00% and a final maturity date of March 1, 2027. As a result of this refunding, the City realized aggregate debt service savings of \$1.625 million and an economic gain of \$1.343 million or 11.79% net present value savings on the refunded bonds debt service.

In March 2015, the City also issued \$7.46 million of Tax Increment Revenue Refunding Bonds (Grant Park Project) Series 2015. The City received net proceeds of \$7.337 million including a \$.022 million reoffering discount and a \$.101 million underwriter discount. These net proceeds were used on April 13, 2015 along with \$1.259 million of cash on hand to redeem the remaining \$8.16 million of Tax Increment Revenue Refunding Bonds (Grant Park Project), Series 2006 and to pay the costs of issuing the bonds and establishing a \$.310 million debt service reserve fund. The refunding bonds were issued in fixed rate mode and had interest rates ranging from 1.55% to 4.00% and a final maturity date of March 1, 2030. As a result of this refunding, the City realized aggregate debt service savings of \$1.624 million and an economic gain of \$1.411 million or 10.70% net present value savings on the refunded bonds debt service.

In September 2015, the City issued \$.920 million of Tax Increment Revenue Refunding Bonds (East River/Unocal Site Project) Series 2015. The City received net proceeds of \$.904 million including a \$.016 million underwriter discount. These net proceeds were used on October 26, 2015 along with \$.564 million of cash on hand to redeem the remaining \$1.36 million of Tax Increment Revenue Refunding Bonds (East River/Unocal Site Project), Series 2007 and to pay the costs of issuing the bonds and establishing a \$.055 million debt service reserve fund. The refunding bonds were issued in fixed rate mode and had interest rates ranging from 1.25% to 4.00% and a final maturity date of March 1, 2025. As a result of this refunding, the City realized

aggregate debt service savings of \$.881 million and an economic gain of \$.584 million or 9.93% net present value savings on the refunded bonds debt service.

In September 2015, the City also issued \$6.085 million of Tax-Exempt Tax Increment Revenue Refunding Bonds (Ivy Tower Project) Series 2015. The City received net proceeds of \$6.096 million including a bond premium of \$.118 million offset by an underwriter discount of \$.107 million. These net proceeds were used on October 26, 2015 along with \$.804 million of cash on hand to redeem the remaining \$4.155 million of Tax Increment Revenue Refunding Bonds (Ivy Tower Condo Project), Series 2005 and \$2.338 million Tax-Exempt Tax Increment Revenue Note (Ivy Tower Hotel Project), Series 2006 and to pay the costs of issuing the bonds and establishing a \$.284 million debt service reserve fund. The refunding bonds were issued in fixed rate mode and had interest rates ranging from 1.25% to 5.00% and a final maturity date of March 1, 2029. As a result of this refunding, the City realized aggregate debt service savings of \$1.110 million and an economic gain of \$1.078 million or 9.74% net present value savings on the refunded bonds debt service.

#### 2015 Note Transactions

In December 2015, the City issued a \$25.00 million Tax-Exempt General Obligation Note, Series 2015A to US Bank to finance a portion of the costs of a complete renovation of the Nicollet Mall roadway and streetscape in downtown Minneapolis. The note was issued on December 18, 2015 and will provide up to 24 months of drawdown flexibility for the project to reimburse expenses on a monthly basis during construction. Upon completion, or no later than December 18, 2017, this note will be taken out with a general obligation fixed rate bond financing. The fixed rate bonds will be paid for with special assessments levied on benefitting property owners in a broad section of the downtown area. The special assessments are currently planned to begin in 2017. The tax-exempt note is in variable rate mode and accrues interest based on the weekly SIFMA index plus a bank spread. Upon closing on December 18th, 2015, the City completed the first reimbursement draw for \$5.00 million which will be the liability recorded on the City's books as of December 31, 2015.

In December 2015, the City also issued a \$18.70 million Tax-Exempt General Obligation Note, Series 2015B to US Bank to finance a variety of capital construction projects such as streets, bridges, traffic control, park projects, and municipal building projects. The note was issued on December 18, 2015 and has a maximum three-year term. It is the City's intent to complete all draws within 24 months to reimburse project expenses on a monthly basis during construction. The tax-exempt note is in variable rate mode and accrues interest based on the weekly SIFMA index plus a bank spread. Upon closing on December 18th, 2015, the City completed the first reimbursement draw for \$15.00 million which will be the liability recorded on the City's books as of December 31, 2015.

In December 2015, the City also issued a \$6.30 million Tax-Exempt General Obligation Note, Series 2015C to US Bank. The proceeds of this note will be received on January 19, 2016 and will be used on this same day to refund the 2018 – 2021 callable maturities of the City's General Obligation Various Purpose Refunding Bonds, Series 2005B totaling \$6.24 million. A portion of the proceeds will be used to pay the accrued interest on the callable maturities from December 1, 2015 to January 19, 2016 and to pay costs of issuing the note. The tax-exempt note is in variable rate mode and will accrue interest based on the weekly SIFMA index plus a bank spread. This note will have a three-year term expiring on December 18, 2018 and may be extended. The note will have maturities structured from 2018 – 2021 corresponding to the refunded bonds. Since this note will be drawn on January 19, 2016, there will be no liability reflected on the City's books as of December 31, 2015.

#### Minnesota Public Facilities Authority Notes

The City has entered into six general obligation notes with the Minnesota Public Facilities Authority (PFA) to finance the City's drinking water ultra-filtration project and new filter presses project. The notes are part of a federally sponsored below market financing program related to the Safe Drinking Water Act and the City saves 1.5% on interest costs by participating in the program. The interest rates on the six notes range from 1.00% - 2.83% and the final maturity dates range from 8/20/19 to 8/20/27. The City received proceeds totaling \$104.188 million over the years and at December 31, 2015, the outstanding debt balance of the six general obligation notes in this program is \$75.87 million.

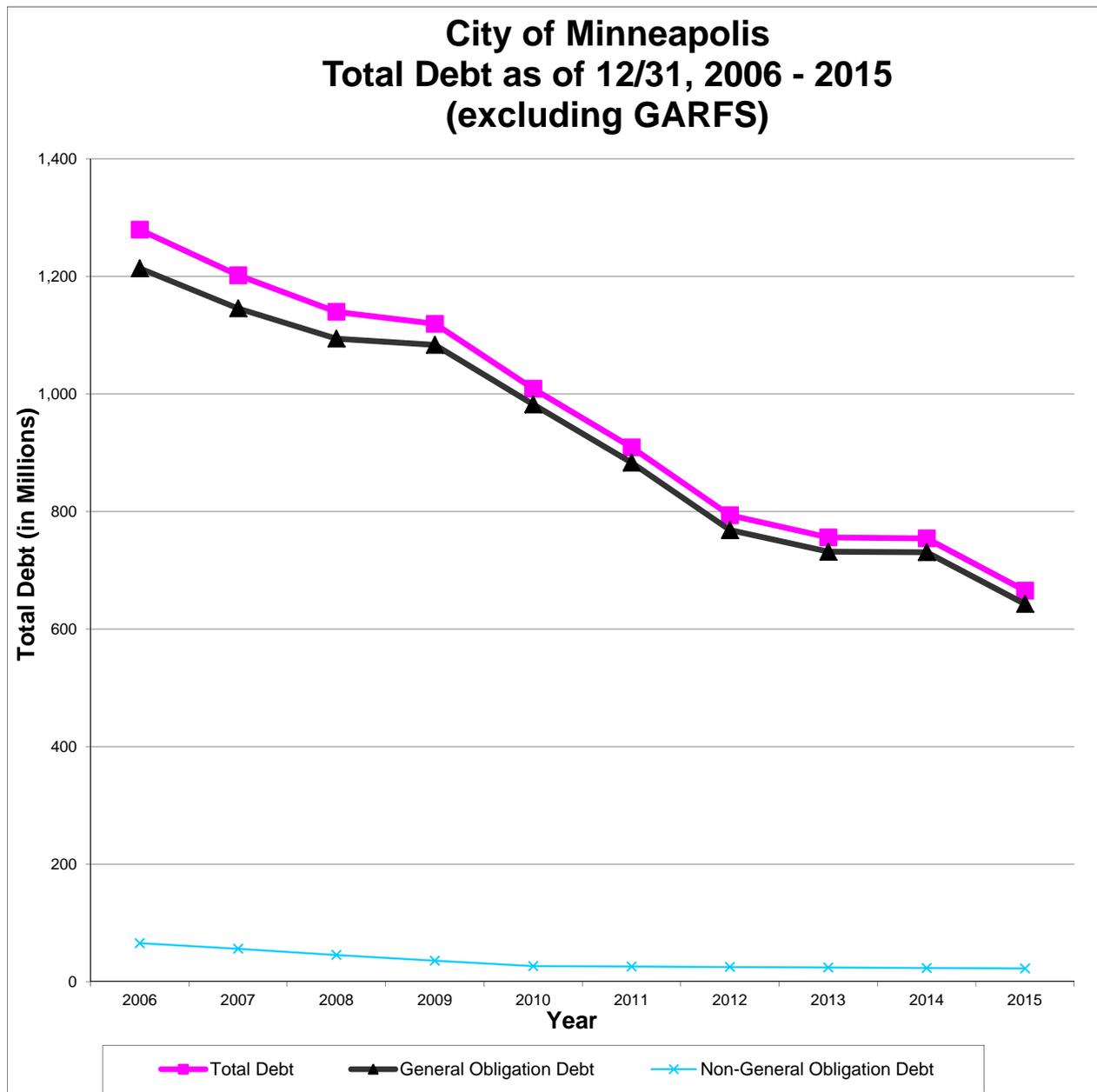
#### Discrete Component Unit Debt

Due to current debt issuance policies, the City issues debt on behalf of the Minneapolis Park & Recreation Board and the Municipal Building Commission and previously issued debt for the Minneapolis Library Board. The Minneapolis Public Library System was merged into the Hennepin County Library System on January 1, 2008. As of December 31, 2015, \$87.07 million of the outstanding governmental debt is related to activities of these discretely presented component units and is reported within the debt balances of the primary government. Of this balance, \$73.745 million is related to library improvements transferred to the Hennepin County Library System. The capital assets purchased with funds obtained from this debt issuance are held by the respective discrete component units and are reported with their capital assets on the Statement of Net Position, with the exception of the library assets now held by Hennepin County.

## DEBT TRENDS

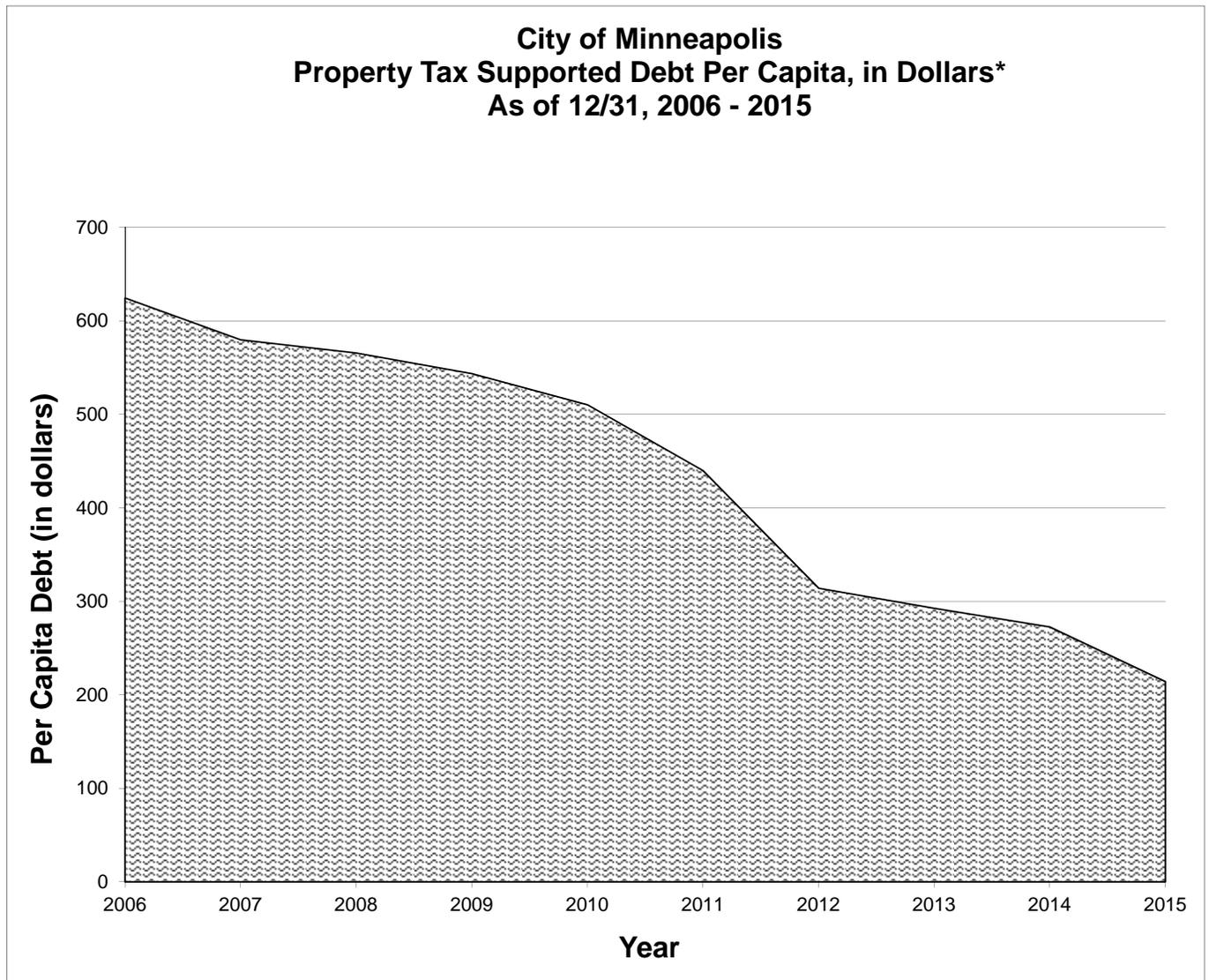
Management of the City's debt involves consideration not only of the absolute amount of debt, but also attention to yearly trends in the relationship of the debt to other financial measures. For purposes of the charts below, \$84.8 million of General Agency Reserve Fund System (GARFS or common bond fund) bonds are not included as City Debt.

The accompanying chart shows a ten-year history of the total City debt level for years 2006 – 2015. The total includes general obligation debt, backed by the full faith and credit of the City, and non-general obligation debt, which includes tax increment backed revenue bonds and notes.



## PER CAPITA DEBT

The chart below shows changes in general obligation debt per capita over the past decade for the portion of the City's debt paid for with property taxes. From 2002 to 2006, the City issued significant property tax supported debt to fund the Library Referendum capital program and to pay unfunded pension obligations for the City's three closed pension funds - the Minneapolis Police Relief Association (MPRA), Minneapolis Fire Relief Association (MFRA) and Minneapolis Employee Retirement Fund (MERF) resulting in a spike in the debt per capita. The reductions from 2006 to 2013 are partially due to the City using one-time resources to accelerate the pay down of all categories of property tax supported debt including infrastructure, library referendum and pension bonds. All pension bonds were paid off in 2012 and in 2015 the MERF plan was merged into the State of Minnesota's Public Employee Retirement Association (PERA) plan.

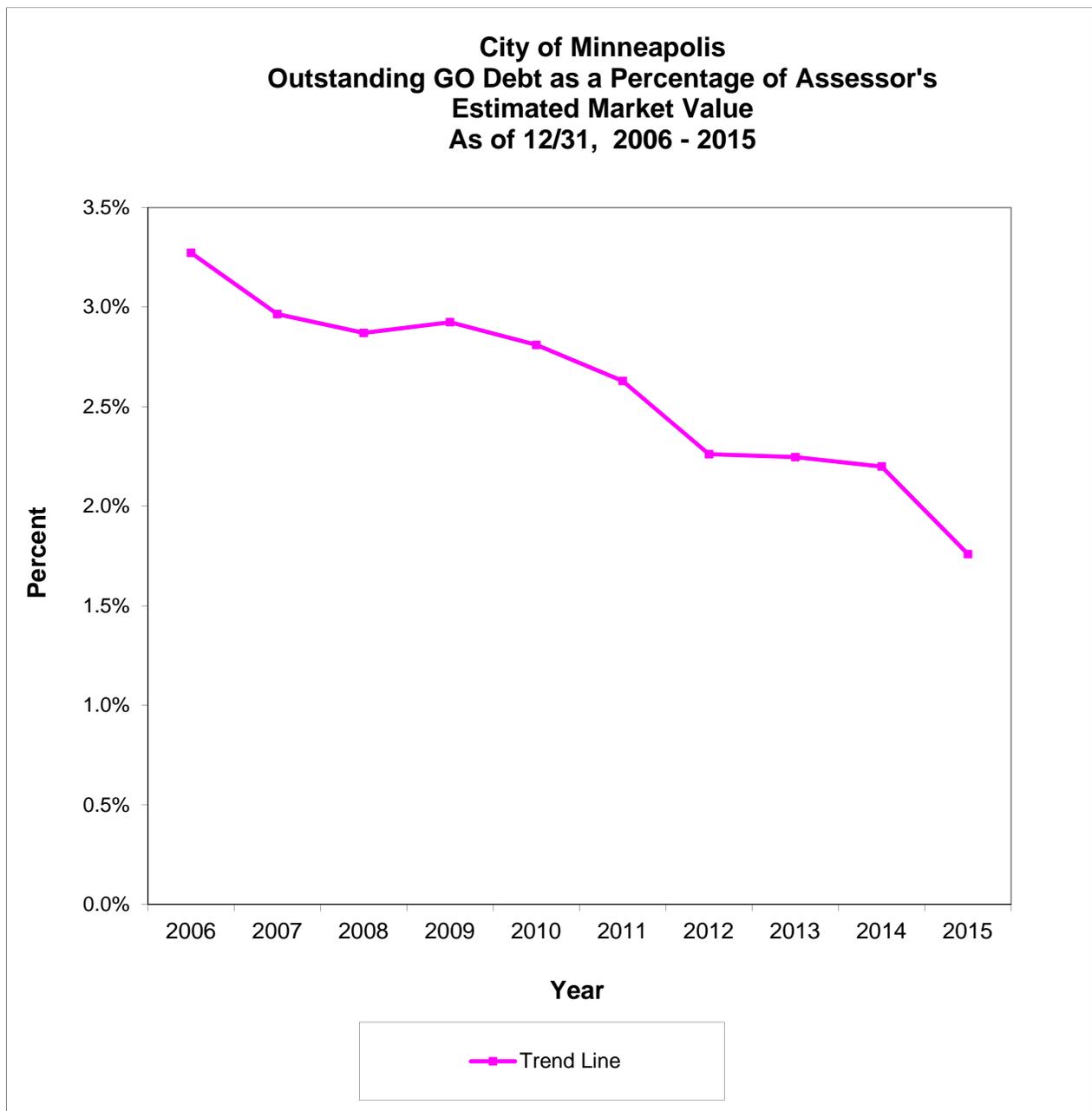


\* Figures shown are adjusted indebtedness, which represents the total general obligation indebtedness of the City less that indebtedness supported by revenues other than general property taxes. Funding from self-supporting enterprises of the City offset a portion of the property tax supported pension related debt included above. Population figures used in this graph come from the official census in 2010 or from data provided by the Metropolitan Council for the later years.

### DEBT CAPACITY – TOTAL DEBT

A primary goal of the City's debt management effort is to maintain the ability to incur debt at low interest rates without endangering the ability to finance essential City services.

One key management ratio used in monitoring the City's debt is total general obligation (GO) debt outstanding as a percent of estimated market value of Minneapolis' taxable property. The ratio of outstanding GO debt to taxable market value has remained below three percent since 2007 even though property values declined over \$6 billion from 2008 to 2013. During this difficult period, the trend line benefitted from a reduction of \$414 million in Total Debt applicable to the calculation. Property values have now recovered from the recession and new development has created significant additional market value while debt has continued to be reduced which is contributing to the large improvement in the ratio in 2015.



**COMPUTATION OF THE CITY'S LEGAL DEBT MARGIN**

The following is the computation of the estimated legal debt margin as of December 31, 2015. This calculation determines the maximum statutory limit of general obligation debt that can be issued by the City and be funded by property taxes.

		Dollars in Thousands
Real Property (2015 Market Value)	\$	36,134,709
Personal Property (2015 Market Value)		409,105
Adjustment for Exempt Personal Property (1966 Market Value)		298,030
Adjustment for Net Fiscal Disparities (Contribution)/Distribution		(37,784)
Total Assessed Value		36,804,060
Debt Limit (3-1/3% of Market Value Applicable to Debt Limit)	\$	1,226,802
General Obligation Bonds Subject to Debt Limit:		
Supported by Property Tax Levy		105,165
Supported by Special Assessments:		
Park Diseased Trees		80
Self-Supporting (Supported by Internal User Charges):		
Park Board - Land for athletic fields & energy efficiency		12,820
Public Works Fleet and Equipment		13,545
Property Fund		2,460
Total General Obligation Bonds Subject to Debt Limit		134,070
Less: Assets in Debt Service Fund at 12/31/15		(19,223)
Total Debt Applicable to Debt Limit		114,847
Legal Margin for New Bonds Subject to Debt Limit	\$	1,111,955

## SUMMARY OF OUTSTANDING CITY DEBT

Long-term liabilities (in thousands) at December 31, 2015 are detailed below.

	Balance 1/1/2015	Additions	Retirements	Balance 12/31/2015	Amounts Due Within One Year
Governmental activities:					
<u>Bonds and Notes</u>					
Property Tax Supported GO Bonds*	\$ 128,530	\$ -	\$ 38,365	\$ 90,165	\$ 21,725
Property Tax Supported GO Notes*	-	15,000	-	15,000	-
Self-Supporting GO Bonds	211,770	-	20,995	190,775	21,920
GO Improvement Bonds	49,213	-	14,920	34,293	6,796
GO Improvement Notes	-	5,000	-	5,000	-
Tax Increment GO Bonds	84,180	-	7,825	76,355	4,955
Tax Increment GO Notes	4,060	-	410	3,650	440
Revenue Bonds	23,500	22,710	23,500	22,710	1,085
Revenue Notes	14,055	-	360	13,695	380
Internal Service Fund Related GO Bonds	21,630	-	5,625	16,005	3,035
Total Governmental Bonds and Notes	536,938	42,710	112,000	467,648	60,336
Business-type activities:					
<u>Bonds and Notes</u>					
Stormwater Fund GO Bonds	4,736	-	2,236	2,500	2,500
Sanitary Sewer Fund GO Bonds	9,300	-	3,500	5,800	2,000
Water Fund GO Bonds	25,769	-	4,294	21,475	5,030
Water Fund GO Note	80,230	-	4,360	75,870	4,350
Municipal Parking Fund GO Bonds	72,822	-	5,335	67,487	4,594
Municipal Parking Fund GO Notes	38,650	-	105	38,545	1,375
CPED Related Non-GO Bonds					
General Agency Reserve Fund System Bonds	90,100	-	5,310	84,790	4,035
Total Bonds and Notes	321,607	-	25,140	296,467	23,884
Grand Total Bonds & Notes	\$ 858,545	\$ 42,710	\$ 137,140	\$ 764,115	\$ 84,220

\* This category includes debt issued for the City's general infrastructure capital program and the library referendum.

## AMORTIZATION OF OUTSTANDING GOVERNMENTAL CITY DEBT

As of December 31, 2015, annual debt service requirements for Governmental activities\* (in thousands) to maturity follows:

Year Ending	Bonds		Notes	
	Principal	Interest	Principal	Interest
Dec 31:				
2016	\$ 56,481	\$ 13,102	\$ 820	\$ 1,407
2017	48,756	11,964	5,870	1,365
2018	50,976	10,819	15,925	1,071
2019	60,780	9,359	985	274
2020	42,950	7,575	1,045	224
2021 – 2025	80,505	24,392	3,500	364
2026 – 2030	25,290	13,441	-	-
2031 – 2035	13,445	9,632	9,200	-
2036 – 2040	16,855	6,286	-	-
2041 – 2044	18,260	1,759	-	-
<b>Total</b>	<b>\$ 414,298</b>	<b>\$ 108,329</b>	<b>\$ 37,345</b>	<b>\$ 4,705</b>

Year Ending	Internal Service Fund Bonds		Total Governmental Activity Bonds & Notes	
	Principal	Interest	Principal	Interest
Dec 31:				
2016	\$ 3,035	\$ 474	\$ 60,336	\$ 14,983
2017	3,160	386	57,786	13,715
2018	9,810	294	76,711	12,184
2019	-	-	61,765	9,633
2020	-	-	43,995	7,799
2021 – 2025	-	-	84,005	24,756
2026 – 2030	-	-	25,290	13,441
2031 – 2035	-	-	22,645	9,632
2036 – 2040	-	-	16,855	6,286
2041 – 2044	-	-	18,260	1,759
<b>Total</b>	<b>\$ 16,005</b>	<b>\$ 1,154</b>	<b>\$ 467,648</b>	<b>\$ 114,188</b>

\* Governmental activities include the basic infrastructure assets required to provide services to the residents such as parks, libraries, streets, roads, bridges, traffic signals, street lighting, police and fire stations, public buildings, technology platforms, fleet equipment, etc. Governmental activities are supported by property taxes, other governmental aids and other general revenues.

## AMORTIZATION OF OUTSTANDING BUSINESS TYPE CITY DEBT

As of December 31, 2015, annual debt service requirements for Business-type activities\* (in thousands) to maturity follows:

Year Ending	Bonds		Notes		Total		Total	
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
Dec 31:								
2016	\$ 18,159	\$ 7,934	\$ 5,725	\$ 3,915	\$ 23,884	\$ 11,849		
2017	13,354	7,327	8,005	3,741	21,359	11,068		
2018	12,124	6,816	9,550	3,504	21,674	10,320		
2019	12,655	6,393	9,845	3,221	22,500	9,614		
2020	10,315	5,918	10,240	2,927	20,555	8,845		
2021 – 2025	62,430	22,700	33,340	10,951	95,770	33,651		
2026 – 2030	20,845	12,330	28,690	5,048	49,535	17,378		
2031 – 2035	17,915	7,367	9,020	907	26,935	8,274		
2036 – 2040	14,255	2,300	-	-	14,255	2,300		
Total	\$ 182,052	\$ 79,085	\$ 114,415	\$ 34,214	\$ 296,467	\$ 113,299		

\* Business-type activities include those City functions that operate similar to a private business such as Water, Stormwater and Sanitary Sewer Services, Solid Waste and Recycling and Parking Ramps. Business-type activities are supported by user fees charged for services provided. Business activities also include some economic development activities that help spur private development, the debt of which is paid for by the private businesses benefited.



## Five-Year Capital Investment Allocation Council Adopted Budget

		Budget in Thousands					Total	Percent of Total
		2016	2017	2018	2019	2020		
<b>MUNICIPAL BUILDING COMMISSION</b>		2,970	2,205	2,965	2,920	920	11,980	1.8%
<b>PARK BOARD</b>		4,452	2,980	3,235	5,558	4,076	20,301	3.0%
<b>PUBLIC WORKS DEPARTMENT</b>								
	STREET PAVING	38,710	30,041	30,245	45,580	17,855	162,431	24.3%
	SIDEWALKS	3,675	3,830	4,040	4,250	4,460	20,255	3.0%
	BRIDGES	10,400	3,065	7,910	5,685	20,180	47,240	7.1%
	TRAFFIC CONTROL & STREET LIGHTING	10,460	6,532	6,706	7,221	6,920	37,839	5.7%
	BIKE TRAILS	760	1,250	1,000	1,140	1,940	6,090	0.9%
	SANITARY SEWERS	10,550	9,250	9,250	9,250	9,250	47,550	7.1%
	STORM SEWERS	13,750	21,378	22,330	16,750	15,750	89,958	13.4%
	WATER INFRASTRUCTURE	22,250	47,370	43,430	32,200	24,650	169,900	25.4%
	<b>Public Works Department Total</b>	<b>110,555</b>	<b>122,716</b>	<b>124,911</b>	<b>122,076</b>	<b>101,005</b>	<b>581,263</b>	<b>86.9%</b>
<b>INFORMATION TECHNOLOGY</b>		3,300	1,500	200	0	0	5,000	0.7%
<b>PUBLIC GROUNDS &amp; FACILITIES</b>		12,910	21,350	1,000	0	0	35,260	5.3%
<b>MISCELLANEOUS PROJECTS</b>		580	600	6,620	6,640	660	15,100	2.3%
<b>Grand Total</b>		<b>134,767</b>	<b>151,351</b>	<b>138,931</b>	<b>137,194</b>	<b>106,661</b>	<b>668,904</b>	<b>100.0%</b>



# Minneapolis Five-Year Capital Funding Summary

City of Lakes Council Adopted Budget

General Infrastructure Improvements Funding Summary by Year	2016	2017	2018	2019	2020	Total
Federal Government Grants	6,210	1,575	990	12,700		<b>21,475</b>
Hennepin County Grants	2,335	1,355	2,030	2,185	795	<b>8,700</b>
Municipal State Aid	10,000	9,900	9,900	9,070	6,920	<b>45,790</b>
Net Debt Bonds	32,830	27,900	29,555	34,490	30,225	<b>155,000</b>
Other Local Governments		121	1,000	1,000		<b>2,121</b>
Park Capital Levy	1,652	1,242	2,466	2,274	1,936	<b>9,570</b>
Reimbursements	4,100	4,100	4,100	4,100	4,100	<b>20,500</b>
Special Assessments	12,300	11,730	12,170	12,580	9,015	<b>57,795</b>
State Government Grants					4,020	<b>4,020</b>
Transfer from General Fund	10,750					<b>10,750</b>
<b>Total General Infrastructure Improvements</b>	<b>80,177</b>	<b>57,923</b>	<b>62,211</b>	<b>78,399</b>	<b>57,011</b>	<b>335,721</b>

Enterprise Fund Capital Funding Summary by Year	2016	2017	2018	2019	2020	Total
Other Local Governments		6,783	5,525			<b>12,308</b>
Reimbursements	5,000	5,000	5,000	5,000	5,000	<b>25,000</b>
Sanitary Bonds	8,550	7,250	7,250	7,250	7,250	<b>37,550</b>
Sanitary Revenue	1,000	1,000	1,000	1,000	1,000	<b>5,000</b>
Solid Waste Bonds	7,000	15,000				<b>22,000</b>
Stormwater Bonds			2,500	3,500	1,000	<b>7,000</b>
Stormwater Revenue	12,500	12,950	14,015	11,825	12,750	<b>64,040</b>
Water Bonds	8,200	31,320	28,580	15,750	8,100	<b>91,950</b>
Water Revenue	12,340	14,125	12,850	14,470	14,550	<b>68,335</b>
<b>Total Enterprise Fund Capital</b>	<b>54,590</b>	<b>93,428</b>	<b>76,720</b>	<b>58,795</b>	<b>49,650</b>	<b>333,183</b>

Consolidated City-Wide Capital Funding Summary by Year	2016	2017	2018	2019	2020	Total Budget	Overall Funding Breakdown
Enterprise Bonds	23,750	53,570	38,330	26,500	16,350	<b>158,500</b>	<b>23.70%</b>
Enterprise Revenue	25,840	28,075	27,865	27,295	28,300	<b>137,375</b>	<b>20.54%</b>
Municipal State Aid	10,000	9,900	9,900	9,070	6,920	<b>45,790</b>	<b>6.85%</b>
Net Debt Bonds	32,830	27,900	29,555	34,490	30,225	<b>155,000</b>	<b>23.17%</b>
Other	30,047	20,176	21,111	27,259	15,851	<b>114,444</b>	<b>17.11%</b>
Special Assesments	12,300	11,730	12,170	12,580	9,015	<b>57,795</b>	<b>8.64%</b>
<b>Total City Wide Capital Program</b>	<b>134,767</b>	<b>151,351</b>	<b>138,931</b>	<b>137,194</b>	<b>106,661</b>	<b>668,904</b>	<b>100.00%</b>



## Five-Year Capital Funding Summary (Public Works) Council Adopted Budget

General Infrastructure Improvements Funding Summary by Year	2016	2017	2018	2019	2020	Total
Federal Government Grants	6,210	1,575	990	12,700	0	21,475
Hennepin County Grants	835	255	445	760	345	2,640
Municipal State Aid	10,000	9,900	9,900	9,070	6,920	45,790
Net Debt Bonds	19,070	16,845	19,355	23,040	27,255	105,565
Other Local Governments	0	121	1,000	1,000	0	2,121
Park Capital Levy	0	62	531	331	0	924
Reimbursements	4,100	4,100	4,100	4,100	4,100	20,500
Special Assessments	12,000	11,430	11,870	12,280	8,715	56,295
State Government Grants	0	0	0	0	4,020	4,020
Transfer from General Fund	10,750					10,750
<b>Total General Infrastructure Improvements</b>	<b>62,965</b>	<b>44,288</b>	<b>48,191</b>	<b>63,281</b>	<b>51,355</b>	<b>270,080</b>

Enterprise Fund Capital Funding Improvements by Year	2016	2017	2018	2019	2020	Total
Other Local Governments	0	6,783	5,525	0	0	12,308
Reimbursements	5,000	5,000	5,000	5,000	5,000	25,000
Sanitary Bonds	8,550	7,250	7,250	7,250	7,250	37,550
Sanitary Revenue	1,000	1,000	1,000	1,000	1,000	5,000
Stormwater Bonds	0	0	2,500	3,500	1,000	7,000
Stormwater Revenue	12,500	12,950	14,015	11,825	12,750	64,040
Water Bonds	8,200	31,320	28,580	15,750	8,100	91,950
Water Revenue	12,340	14,125	12,850	14,470	14,550	68,335
<b>Total Enterprise Fund Capital</b>	<b>47,590</b>	<b>78,428</b>	<b>76,720</b>	<b>58,795</b>	<b>49,650</b>	<b>311,183</b>

Consolidated Public Works Capital Summary by Year	2016	2017	2018	2019	2020	Total Budget	Overall Funding Breakdown
Enterprise Bonds	16,750	38,570	38,330	26,500	16,350	136,500	23.48%
Enterprise Revenue	25,840	28,075	27,865	27,295	28,300	137,375	23.63%
Municipal State Aid	10,000	9,900	9,900	9,070	6,920	45,790	7.88%
Net Debt Bonds	19,070	16,845	19,355	23,040	27,255	105,565	18.16%
Other	26,895	17,896	17,591	23,891	13,465	99,738	17.16%
Special Assessments	12,000	11,430	11,870	12,280	8,715	56,295	9.68%
<b>Total Public Works Department</b>	<b>110,555</b>	<b>122,716</b>	<b>124,911</b>	<b>122,076</b>	<b>101,005</b>	<b>581,263</b>	<b>100.00%</b>

*Represents the Five-Year Council Adopted Budget from City and Park Board funding sources for projects where the City is the lead agency.*

## 2016 - 2020 Council Adopted Capital Resources For Property Tax Supported (Net Debt) Bond Program

<u>Recommended Resources by Category</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>Totals</u> (000's)
<b>Available Resources:</b>						
<b>2016 - 2020 Council Adopted NDB Resources</b>	32,830	27,900	29,555	34,490	30,225	<b>155,000</b>

This resource summary represents the City's commitment for General Infrastructure assets which includes parks, public buildings, streets, bridges, bike trails, traffic signals and any other capital assets used for providing basic city services. These resources also leverage significant additional funding from special assessments, municipal state aid, other government grants, etc.

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### 2016 Bond Redemption Levy for Capital Program

	<b>Amount</b> <b>(000's)</b>
Tax Levy Certified for Bond Redemption in 2015	35,900
Bond Redemption Levy Adjustment	1,900 Per Five-Year Financial Direction 2015 - 2019
<b>Tax Levy Certified for Bond Redemption in 2016</b>	<u><b>37,800</b></u> For supporting ongoing Capital Programs



## Net Debt Bond Allocation

### Council Adopted Budget

Summarized by Major Type of Infrastructure

Description of Category		2016	2017	2018	2019	2020	Total
MUNICIPAL BUILDING COMMISSION		1,470	1,105	1,380	1,495	470	<b>5,920</b>
<i>Percentage Allocated to MBC</i>		<i>4.5%</i>	<i>4.0%</i>	<i>4.7%</i>	<i>4.3%</i>	<i>1.6%</i>	<b><i>3.8%</i></b>
Park Board Capital Program*		2,500	1,500	1,000	3,315	1,840	<b>10,155</b>
<i>Percentage allocated to Park Board</i>		<i>7.6%</i>	<i>5.4%</i>	<i>3.4%</i>	<i>9.6%</i>	<i>6.1%</i>	<b><i>6.6%</i></b>
PUBLIC WORKS DEPARTMENT	STREET PAVING	13,135	9,630	9,800	11,090	6,740	<b>50,395</b>
	SIDEWALKS	315	325	335	345	355	<b>1,675</b>
	BRIDGES	400	2,285	4,330	5,685	13,660	<b>26,360</b>
	TRAFFIC CONTROL & STREET LIGHTING	4,460	3,355	3,890	4,780	4,560	<b>21,045</b>
	BIKE TRAILS	760	1,250	1,000	1,140	1,940	<b>6,090</b>
Public Works Sub-Total		<b>19,070</b>	<b>16,845</b>	<b>19,355</b>	<b>23,040</b>	<b>27,255</b>	<b>105,565</b>
<i>Percentage allocated to Public Works</i>		<i>58.1%</i>	<i>60.4%</i>	<i>65.5%</i>	<i>66.8%</i>	<i>90.2%</i>	<b><i>68.1%</i></b>
INFORMATION TECHNOLOGY		3,300	1,500	200			<b>5,000</b>
<i>Percentage allocated to Information Technology</i>		<i>10.1%</i>	<i>5.4%</i>	<i>0.7%</i>			<b><i>3.2%</i></b>
PUBLIC GROUNDS & FACILITIES		5,910	6,350	1,000			<b>13,260</b>
<i>Percentage allocated to Public Grounds &amp; Facilities</i>		<i>18.0%</i>	<i>22.8%</i>	<i>3.4%</i>			<b><i>8.6%</i></b>
MISCELLANEOUS PROJECTS		580	600	6,620	6,640	660	<b>15,100</b>
<i>Percentage allocated to Miscellaneous Projects</i>		<i>1.8%</i>	<i>2.2%</i>	<i>22.4%</i>	<i>19.3%</i>	<i>2.2%</i>	<b><i>9.7%</i></b>
<i>Percentage Allocated to City Departments</i>		<i>87.9%</i>	<i>90.7%</i>	<i>91.9%</i>			<b><i>89.6%</i></b>
Total Net Debt Bond Allocation (in thousands)		<b>32,830</b>	<b>27,900</b>	<b>29,555</b>	<b>34,490</b>	<b>30,225</b>	<b>155,000</b>

\* This amount is only the net debt bond portion of Park Board Capital funding. They also dedicate a portion of their tax levy to capital projects.



**Minneapolis** Capital Budget Summary  
City of Lakes Council Adopted Budget

		Budget in Thousands	2016	2017	2018	2019	2020	Total	
<b>MUNICIPAL BUILDING COMMISSION</b>	MBC01 Life Safety Improvements	0	50	205	100	100		<b>455</b>	
	MBC02 Mechanical Systems Upgrade	0	0	505	925	820		<b>2,250</b>	
	MBC04 MBC Elevators	1,280	0	0	0	0		<b>1,280</b>	
	MBC09 Critical Power Capital Project	410	0	0	0	0		<b>410</b>	
	MBC10 Exterior Improvements	1,280	2,155	2,255	1,895	0		<b>7,585</b>	
	<b>Total</b>		<b>2,970</b>	<b>2,205</b>	<b>2,965</b>	<b>2,920</b>	<b>920</b>		<b>11,980</b>
<b>PARK BOARD</b>	PRK02 Playground and Site Improvements Program	0	350	813	1,483	1,681		<b>4,327</b>	
	PRK03 Shelter - Pool - Site Improvements Program	461	0	695	1,355	0		<b>2,511</b>	
	PRK04 Athletic Fields and Site Improvements Program	150	700	0	0	0		<b>850</b>	
	PRK30 Service Area Improvement Program	0	400	400	400	0		<b>1,200</b>	
	PRK31 Bossen Park Field Improvements	2,500	450	0	0	0		<b>2,950</b>	
	PRK33 Bryn Mawr Meadows Field Improvements	0	0	0	640	700		<b>1,340</b>	
	PRKCP Neighborhood Parks Capital Infrastructure	1,041	780	1,027	1,380	1,395		<b>5,623</b>	
	PRKDT Diseased Tree Removal	300	300	300	300	300		<b>1,500</b>	
	<b>Total</b>		<b>4,452</b>	<b>2,980</b>	<b>3,235</b>	<b>5,558</b>	<b>4,076</b>		<b>20,301</b>
<b>PUBLIC WORKS DEPARTMENT</b>	<b>STREET PAVING</b>	PV001 Parkway Paving Program	750	871	750	1,750	750		<b>4,871</b>
		PV006 Alley Renovation Program	250	250	0	0	0		<b>500</b>
		PV019 6th Ave N (5th St N to dead end north of Wash Ave N)	2,920	1,780	0	0	0		<b>4,700</b>
		PV027 Hennepin/Lyndale	5,025	0	0	0	0		<b>5,025</b>
		PV054 8th St S (Hennepin Ave to Chicago Ave)	0	0	0	9,825	0		<b>9,825</b>
		PV056 Asphalt Pavement Resurfacing Program	6,915	6,915	6,915	6,915	5,925		<b>33,585</b>
		PV059 Major Pavement Maintenance Program	250	250	250	250	250		<b>1,250</b>
		PV063 Unpaved Alley Construction	200	200	0	0	0		<b>400</b>
		PV072 Pedestrian Improvement Project	2,790	0	0	0	0		<b>2,790</b>
		PV074 CSAH & MnDOT Cooperative Projects	3,990	3,490	3,070	500	500		<b>11,550</b>
		PV075 Development Infrastructure Program	500	0	0	0	0		<b>500</b>
		PV076 38th St E (Hiawatha to Minnehaha)	2,025	0	0	0	0		<b>2,025</b>
		PV080 18th Ave NE (Monroe to Johnson St NE)	0	4,340	1,570	0	0		<b>5,910</b>
		PV084 54th St W (Penn to Lyndale Ave S)	3,280	4,760	0	0	0		<b>8,040</b>
		PV086 26th Ave N (Wirth Pkwy to Mississippi River)	1,920	0	0	0	0		<b>1,920</b>
		PV087 34th Ave S (54th St E to Minnehaha Pkwy)	0	0	1,970	0	0		<b>1,970</b>
		PV094 4th St SE (25th to 29th Ave SE)	0	2,200	0	0	0		<b>2,200</b>
		PV095 4th St N & S (2nd Ave N to 4th Ave S)	0	0	4,370	2,005	0		<b>6,375</b>
		PV096 42nd Ave N (Xerxes to Lyndale Ave N)	0	0	5,785	5,780	0		<b>11,565</b>
		PV097 18th Ave NE Trail Gap	0	0	300	0	0		<b>300</b>
		PV098 Hiawatha Trail Gap (28th to 32nd St E)	0	0	765	0	0		<b>765</b>
		PV103 61st St W (Lyndale Ave S to Nicollet Ave S)	0	0	0	440	0		<b>440</b>
		PV104 ADA Ramp Replacement Program	745	500	500	500	500		<b>2,745</b>
		PV108 Concrete Streets Rehabilitation Program	400	500	500	500	500		<b>2,400</b>
		PV111 46th Ave S (46th St S to Godfrey Parkway)	0	485	0	0	0		<b>485</b>
		PV113 29th St W Phase 2	0	0	0	0	1,400		<b>1,400</b>
		PV114 U of M Protected Bikeways	0	0	0	1,850	0		<b>1,850</b>
		PV115 Emerson & Fremont Aves N Pedestrian Enhancements	0	0	0	2,765	0		<b>2,765</b>
		PV116 North Loop Pedestrian Improvements	0	0	0	2,900	0		<b>2,900</b>
		PV117 Broadway St NE (Stinson Blvd to City Limits)	0	0	0	6,100	0		<b>6,100</b>
		PV118 Hennepin Ave (Washington Ave N to 12th St S)	0	0	0	0	4,530		<b>4,530</b>
		PV128 3rd Ave Redesign (1st to 16th St)	3,000	0	0	0	0		<b>3,000</b>
		PV129 Vineland Place Paving Redesign	0	0	0	0	0		<b>0</b>
		PV130 Downtown East Commons Paving	250	0	0	0	0		<b>250</b>
PV99R Reimbursable Paving Projects	3,500	3,500	3,500	3,500	3,500		<b>17,500</b>		
<b>Total for STREET PAVING</b>		<b>38,710</b>	<b>30,041</b>	<b>30,245</b>	<b>45,580</b>	<b>17,855</b>		<b>162,431</b>	
<b>SIDEWALKS</b>	SWK01 Defective Hazardous Sidewalks	3,675	3,830	4,040	4,250	4,460		<b>20,255</b>	
	<b>Total for SIDEWALKS</b>	<b>3,675</b>	<b>3,830</b>	<b>4,040</b>	<b>4,250</b>	<b>4,460</b>		<b>20,255</b>	



**Minneapolis Capital Budget Summary**  
City of Lakes Council Adopted Budget

		Budget in Thousands					2016	2017	2018	2019	2020	Total
<b>PUBLIC WORKS DEPARTMENT</b>	<b>BRIDGES</b>	BR101 Major Bridge Repair and Rehabilitation	400	400	400	400	400	2,000				
	BR106 1st Ave S over HCRRRA	0	0	4,125	0	0	4,125					
	BR111 10th Ave SE Bridge Arch Rehabilitation	10,000	0	0	0	0	10,000					
	BR112 Nicollet Avenue Reopening	0	0	0	0	0	0					
	BR117 1st St N Bridge over Bassett's Creek	0	0	1,385	0	0	1,385					
	BR123 28th Ave S over Minnehaha Creek	0	2,665	0	0	0	2,665					
	BR126 40th St Pedestrian & Bicycle Bridge over 35W	0	0	2,000	0	0	2,000					
	BR127 Nicollet Ave over Minnehaha Creek	0	0	0	5,285	19,780	25,065					
	<b>Total for BRIDGES</b>	<b>10,400</b>	<b>3,065</b>	<b>7,910</b>	<b>5,685</b>	<b>20,180</b>	<b>47,240</b>					
	<b>TRAFFIC CONTROL &amp; STREET LIGHTING</b>	TR008 Parkway Street Light Replacement	350	372	801	681	350	2,554				
	TR010 Traffic Management Systems	1,050	435	350	1,300	650	3,785					
	TR011 City Street Light Renovation	550	445	625	1,000	1,000	3,620					
	TR021 Traffic Signals	1,975	1,570	1,575	1,750	2,000	8,870					
	TR022 Traffic Safety Improvements	5,435	1,870	1,585	670	925	10,485					
	TR024 Pedestrian Street Lighting Corridors	500	445	450	500	500	2,395					
	TR025 Sign Replacement Program	0	795	720	720	895	3,130					
	TR99R Reimbursable Transportation Projects	600	600	600	600	600	3,000					
	<b>Total for TRAFFIC CONTROL &amp; STREET LIGHTING</b>	<b>10,460</b>	<b>6,532</b>	<b>6,706</b>	<b>7,221</b>	<b>6,920</b>	<b>37,839</b>					
	<b>BIKE TRAILS</b>	BIK28 Protected Bikeways Program	760	1,250	1,000	1,140	1,940	6,090				
	<b>Total for BIKE TRAILS</b>	<b>760</b>	<b>1,250</b>	<b>1,000</b>	<b>1,140</b>	<b>1,940</b>	<b>6,090</b>					
	<b>SANITARY SEWERS</b>	SA001 Sanitary Tunnel & Sewer Rehabilitation Program	7,050	3,750	3,750	3,750	3,750	22,050				
	SA036 Infiltration & Inflow Removal Program	2,500	4,500	4,500	4,500	4,500	20,500					
	SA99R Reimbursable Sanitary Sewer Projects	1,000	1,000	1,000	1,000	1,000	5,000					
	<b>Total for SANITARY SEWERS</b>	<b>10,550</b>	<b>9,250</b>	<b>9,250</b>	<b>9,250</b>	<b>9,250</b>	<b>47,550</b>					
	<b>STORM SEWERS</b>	SW004 Implementation of US EPA Storm Water Regulations	250	250	250	250	250	1,250				
	SW005 Combined Sewer Overflow Improvements	1,500	1,500	1,500	1,500	1,500	7,500					
	SW011 Storm Drains and Tunnels Rehabilitation Program	8,000	6,500	9,000	10,000	8,000	41,500					
	SW018 Flood Area 29 & 30 - Fulton Neighborhood	0	3,288	6,580	0	0	9,868					
	SW032 I-35W Storm Tunnel Reconstruction	0	0	0	0	1,000	1,000					
SW034 Flood Area 21 - Bloomington Pond	0	4,840	0	0	0	4,840						
SW039 Flood Mitigation with Alternative Stormwater Mgmt	2,000	3,000	3,000	3,000	3,000	14,000						
SW99R Reimbursable Sewer & Storm Drain Projects	2,000	2,000	2,000	2,000	2,000	10,000						
<b>Total for STORM SEWERS</b>	<b>13,750</b>	<b>21,378</b>	<b>22,330</b>	<b>16,750</b>	<b>15,750</b>	<b>89,958</b>						
<b>WATER INFRASTRUCTURE</b>	WTR12 Water Distribution Improvements	6,300	7,250	7,350	7,450	7,550	35,900					
WTR18 Water Distribution Facility	1,500	7,500	7,500	0	0	16,500						
WTR23 Treatment Infrastructure Improvements	3,000	3,000	4,000	5,000	5,000	20,000						
WTR24 Fridley Filter Plant Rehabilitation	6,700	18,000	14,000	9,500	0	48,200						
WTR25 Ground Water Supply	1,000	1,500	1,500	2,000	2,000	8,000						
WTR26 Recarbonation System Replacement	1,500	3,000	0	0	0	4,500						
WTR27 Remote Meter Reading Technology Upgrade	250	2,620	700	1,800	1,700	7,070						
WTR28 Ultrafiltration Module Replacement	0	2,200	2,200	2,200	2,200	8,800						
WTR29 Columbia Heights Campus Upgrades	0	300	4,180	2,250	4,200	10,930						
WTR9R Reimbursable Watermain Projects	2,000	2,000	2,000	2,000	2,000	10,000						
<b>Total for WATER INFRASTRUCTURE</b>	<b>22,250</b>	<b>47,370</b>	<b>43,430</b>	<b>32,200</b>	<b>24,650</b>	<b>169,900</b>						
<b>Total Public Works</b>	<b>110,555</b>	<b>122,716</b>	<b>124,911</b>	<b>122,076</b>	<b>101,005</b>	<b>581,263</b>						
<b>INFORMATION TECHNOLOGY</b>	IT004 Enterprise Infrastructure Modernization	500	200	200	0	0	900					
IT033 Police Report Management System Upgrade	2,800	1,300	0	0	0	4,100						
<b>Total</b>	<b>3,300</b>	<b>1,500</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>5,000</b>						
<b>PUBLIC GROUNDS &amp; FACILITIES</b>	FIR11 New Fire Station No. 11	1,910	3,350	1,000	0	0	6,260					
FIR12 Fire Station No. 1 Renovation & Expansion	3,000	3,000	0	0	0	6,000						
MPD02 Property & Evidence Warehouse	0	0	0	0	0	0						
MPD03 Hamilton School Facility Improvements	1,000	0	0	0	0	1,000						
PSD15 Traffic Maintenance Facility Improvement	0	0	0	0	0	0						
PSD16 Farmer's Market Improvements	0	0	0	0	0	0						



**Minneapolis** Capital Budget Summary  
City of Lakes Council Adopted Budget

		Budget in Thousands					Total
		2016	2017	2018	2019	2020	Total
<b>PUBLIC GROUNDS &amp; FACILITIES</b>	<b>PSD17 New Solid Waste &amp; Recycling Facility</b>	7,000	15,000	0	0	0	<b>22,000</b>
	<b>Total</b>	<b>12,910</b>	<b>21,350</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>35,260</b>
	<b>MISCELLANEOUS PROJECTS</b>						
	<b>ART01 Art in Public Places</b>	580	600	620	640	660	<b>3,100</b>
	<b>RAD01 Public Safety Radio System Replacement</b>	0	0	6,000	6,000	0	<b>12,000</b>
	<b>Total</b>	<b>580</b>	<b>600</b>	<b>6,620</b>	<b>6,640</b>	<b>660</b>	<b>15,100</b>
<b>Grand Total</b>		<b>134,767</b>	<b>151,351</b>	<b>138,931</b>	<b>137,194</b>	<b>106,661</b>	<b>668,904</b>



**Capital Budget Detail for Funded Projects**  
**Council Adopted Budget**

**MUNICIPAL BUILDING COMMISSION**

		Budget in Thousands					Total
		2016	2017	2018	2019	2020	
<b>MBC01 Life Safety Improvements</b>	Net Debt Bonds	0	0	105	50	50	<b>205</b>
	Hennepin County Grants	0	50	100	50	50	<b>250</b>
	<b>Total</b>	<b>0</b>	<b>50</b>	<b>205</b>	<b>100</b>	<b>100</b>	<b>455</b>
<b>MBC02 Mechanical Systems Upgrade</b>	Net Debt Bonds	0	0	120	475	420	<b>1,015</b>
	Hennepin County Grants	0	0	385	450	400	<b>1,235</b>
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>505</b>	<b>925</b>	<b>820</b>	<b>2,250</b>
<b>MBC04 MBC Elevators</b>	Net Debt Bonds	605	0	0	0	0	<b>605</b>
	Hennepin County Grants	675	0	0	0	0	<b>675</b>
	<b>Total</b>	<b>1,280</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,280</b>
<b>MBC09 Critical Power Capital Project</b>	Net Debt Bonds	210	0	0	0	0	<b>210</b>
	Hennepin County Grants	200	0	0	0	0	<b>200</b>
	<b>Total</b>	<b>410</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>410</b>
<b>MBC10 Exterior Improvements</b>	Net Debt Bonds	655	1,105	1,155	970	0	<b>3,885</b>
	Hennepin County Grants	625	1,050	1,100	925	0	<b>3,700</b>
	<b>Total</b>	<b>1,280</b>	<b>2,155</b>	<b>2,255</b>	<b>1,895</b>	<b>0</b>	<b>7,585</b>
<b>Total for Municipal Building Commission</b>		<b>2,970</b>	<b>2,205</b>	<b>2,965</b>	<b>2,920</b>	<b>920</b>	<b>11,980</b>

**PARK BOARD**

<b>PRK02 Playground and Site Improvements Program</b>	Net Debt Bonds	0	350	305	1,320	1,140	<b>3,115</b>
	Park Capital Levy	0	0	508	163	541	<b>1,212</b>
	<b>Total</b>	<b>0</b>	<b>350</b>	<b>813</b>	<b>1,483</b>	<b>1,681</b>	<b>4,327</b>
<b>PRK03 Shelter - Pool - Site Improvements Program</b>	Net Debt Bonds	0	0	695	1,355	0	<b>2,050</b>
	Park Capital Levy	461	0	0	0	0	<b>461</b>
	<b>Total</b>	<b>461</b>	<b>0</b>	<b>695</b>	<b>1,355</b>	<b>0</b>	<b>2,511</b>
<b>PRK04 Athletic Fields and Site Improvements Program</b>	Net Debt Bonds	0	700	0	0	0	<b>700</b>
	Park Capital Levy	150	0	0	0	0	<b>150</b>
	<b>Total</b>	<b>150</b>	<b>700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>850</b>
<b>PRK30 Service Area Improvement Program</b>	Park Capital Levy	0	400	400	400	0	<b>1,200</b>
	<b>Total</b>	<b>0</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>0</b>	<b>1,200</b>
<b>PRK31 Bossen Park Field Improvements</b>	Net Debt Bonds	2,500	450	0	0	0	<b>2,950</b>
	<b>Total</b>	<b>2,500</b>	<b>450</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,950</b>
<b>PRK33 Bryn Mawr Meadows Field Improvements</b>	Net Debt Bonds	0	0	0	640	700	<b>1,340</b>
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>640</b>	<b>700</b>	<b>1,340</b>
<b>PRKCP Neighborhood Parks Capital Infrastructure</b>	Park Capital Levy	1,041	780	1,027	1,380	1,395	<b>5,623</b>
	<b>Total</b>	<b>1,041</b>	<b>780</b>	<b>1,027</b>	<b>1,380</b>	<b>1,395</b>	<b>5,623</b>
<b>PRKDT Diseased Tree Removal</b>	Special Assessments	300	300	300	300	300	<b>1,500</b>
	<b>Total</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>1,500</b>
<b>Total for Park Board</b>		<b>4,452</b>	<b>2,980</b>	<b>3,235</b>	<b>5,558</b>	<b>4,076</b>	<b>20,301</b>

**PUBLIC WORKS DEPARTMENT**

<b>STREET PAVING</b>	<b>PV001 Parkway Paving Program</b>	Net Debt Bonds	700	700	700	700	700	<b>3,500</b>
		Special Assessments	50	50	50	50	50	<b>250</b>
		Other Local Governments	0	121	0	1,000	0	<b>1,121</b>
		<b>Total</b>	<b>750</b>	<b>871</b>	<b>750</b>	<b>1,750</b>	<b>750</b>	<b>4,871</b>



**Capital Budget Detail for Funded Projects**  
**Council Adopted Budget**

**PUBLIC WORKS DEPARTMENT**

		Budget in Thousands	2016	2017	2018	2019	2020	Total
STREET PAVING	<b>PV006 Alley Renovation Program</b>	Net Debt Bonds	200	200	0	0	0	<b>400</b>
		Special Assessments	50	50	0	0	0	<b>100</b>
		<b>Total</b>	<b>250</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>
	<b>PV019 6th Ave N (5th St N to dead end north of Wash Ave N)</b>	Net Debt Bonds	25	25	0	0	0	<b>50</b>
		Municipal State Aid	1,370	1,365	0	0	0	<b>2,735</b>
		Special Assessments	315	310	0	0	0	<b>625</b>
		Stormwater Revenue	45	40	0	0	0	<b>85</b>
		Water Revenue	45	40	0	0	0	<b>85</b>
		Federal Government Grants	1,120	0	0	0	0	<b>1,120</b>
		<b>Total</b>	<b>2,920</b>	<b>1,780</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,700</b>
		<b>PV027 Hennepin/Lyndale</b>	Net Debt Bonds	1,090	0	0	0	0
	Municipal State Aid		3,355	0	0	0	0	<b>3,355</b>
	Special Assessments		195	0	0	0	0	<b>195</b>
	Stormwater Revenue		250	0	0	0	0	<b>250</b>
	Water Revenue		135	0	0	0	0	<b>135</b>
	<b>Total</b>		<b>5,025</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,025</b>
	<b>PV054 8th St S (Hennepin Ave to Chicago Ave)</b>	Net Debt Bonds	0	0	0	1,180	0	<b>1,180</b>
		Municipal State Aid	0	0	0	390	0	<b>390</b>
		Special Assessments	0	0	0	1,340	0	<b>1,340</b>
		Stormwater Revenue	0	0	0	450	0	<b>450</b>
		Water Revenue	0	0	0	20	0	<b>20</b>
		Federal Government Grants	0	0	0	6,445	0	<b>6,445</b>
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,825</b>	<b>0</b>	<b>9,825</b>
<b>PV056 Asphalt Pavement Resurfacing Program</b>	Net Debt Bonds	1,000	1,000	1,000	1,000	1,000	<b>5,000</b>	
	Municipal State Aid	1,000	1,000	1,000	1,000	1,000	<b>5,000</b>	
	Special Assessments	4,915	4,915	4,915	4,915	3,925	<b>23,585</b>	
	<b>Total</b>	<b>6,915</b>	<b>6,915</b>	<b>6,915</b>	<b>6,915</b>	<b>5,925</b>	<b>33,585</b>	
<b>PV059 Major Pavement Maintenance Program</b>	Net Debt Bonds	250	250	250	250	250	<b>1,250</b>	
	<b>Total</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>1,250</b>	
<b>PV063 Unpaved Alley Construction</b>	Net Debt Bonds	150	150	0	0	0	<b>300</b>	
	Special Assessments	50	50	0	0	0	<b>100</b>	
	<b>Total</b>	<b>200</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400</b>	
<b>PV072 Pedestrian Improvement Project</b>	Municipal State Aid	1,380	0	0	0	0	<b>1,380</b>	
	Federal Government Grants	1,410	0	0	0	0	<b>1,410</b>	
	<b>Total</b>	<b>2,790</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,790</b>	
<b>PV074 CSAH &amp; MnDOT Cooperative Projects</b>	Net Debt Bonds	3,240	2,990	3,070	500	500	<b>10,300</b>	



**Minneapolis** **Capital Budget Detail for Funded Projects**  
 City of Lakes **Council Adopted Budget**

**PUBLIC  
WORKS  
DEPARTMENT**

		Budget in Thousands	2016	2017	2018	2019	2020	Total
STREET PAVING	PV074 CSAH & MnDOT Cooperative Projects	Special Assessments	750	500	0	0	0	1,250
		<b>Total</b>	<b>3,990</b>	<b>3,490</b>	<b>3,070</b>	<b>500</b>	<b>500</b>	<b>11,550</b>
	PV075 Development Infrastructure Program	Transfer from General Fund	500	0	0	0	0	500
		<b>Total</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>
	PV076 38th St E (Hiawatha to Minnehaha)	Net Debt Bonds	595	0	0	0	0	595
		Municipal State Aid	1,160	0	0	0	0	1,160
		Special Assessments	170	0	0	0	0	170
		Stormwater Revenue	100	0	0	0	0	100
		<b>Total</b>	<b>2,025</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,025</b>
	PV080 18th Ave NE (Monroe to Johnson St NE)	Net Debt Bonds	0	1,595	260	0	0	1,855
		Municipal State Aid	0	2,020	685	0	0	2,705
		Special Assessments	0	630	625	0	0	1,255
		Stormwater Revenue	0	75	0	0	0	75
		Water Revenue	0	20	0	0	0	20
	<b>Total</b>	<b>0</b>	<b>4,340</b>	<b>1,570</b>	<b>0</b>	<b>0</b>	<b>5,910</b>	
	PV084 54th St W (Penn to Lyndale Ave S)	Net Debt Bonds	1,740	945	0	0	0	2,685
		Municipal State Aid	760	3,035	0	0	0	3,795
		Special Assessments	640	640	0	0	0	1,280
		Stormwater Revenue	125	125	0	0	0	250
		Water Revenue	15	15	0	0	0	30
<b>Total</b>	<b>3,280</b>	<b>4,760</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,040</b>		
PV086 26th Ave N (Wirth Pkwy to Mississippi River)	Municipal State Aid	90	0	0	0	0	90	
	Special Assessments	1,505	0	0	0	0	1,505	
	Stormwater Revenue	230	0	0	0	0	230	
	Water Revenue	95	0	0	0	0	95	
<b>Total</b>	<b>1,920</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,920</b>		
PV087 34th Ave S (54th St E to Minnehaha Pkwy)	Net Debt Bonds	0	0	355	0	0	355	
	Municipal State Aid	0	0	1,205	0	0	1,205	
	Special Assessments	0	0	410	0	0	410	
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,970</b>	<b>0</b>	<b>0</b>	<b>1,970</b>		
PV094 4th St SE (25th to 29th Ave SE)	Net Debt Bonds	0	295	0	0	0	295	
	Municipal State Aid	0	1,015	0	0	0	1,015	
	Special Assessments	0	775	0	0	0	775	
	Stormwater Revenue	0	115	0	0	0	115	
<b>Total</b>	<b>0</b>	<b>2,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,200</b>		
PV095 4th St N & S (2nd Ave N to 4th Ave S)	Net Debt Bonds	0	0	1,990	0	0	1,990	
	Municipal State Aid	0	0	1,460	2,005	0	3,465	



**Minneapolis** Capital Budget Detail for Funded Projects  
 City of Lakes Council Adopted Budget

**PUBLIC WORKS DEPARTMENT**

			Budget in Thousands					
			2016	2017	2018	2019	2020	Total
<b>STREET PAVING</b>	<b>PV095 4th St N &amp; S (2nd Ave N to 4th Ave S)</b>	Special Assessments	0	0	720	0	0	<b>720</b>
		Stormwater Revenue	0	0	200	0	0	<b>200</b>
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>4,370</b>	<b>2,005</b>	<b>0</b>	<b>6,375</b>
	<b>PV096 42nd Ave N (Xerxes to Lyndale Ave N)</b>	Net Debt Bonds	0	0	110	105	0	<b>215</b>
		Municipal State Aid	0	0	4,105	4,105	0	<b>8,210</b>
		Special Assessments	0	0	1,445	1,445	0	<b>2,890</b>
		Stormwater Revenue	0	0	125	125	0	<b>250</b>
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>5,785</b>	<b>5,780</b>	<b>0</b>	<b>11,565</b>
	<b>PV097 18th Ave NE Trail Gap</b>	Net Debt Bonds	0	0	300	0	0	<b>300</b>
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>300</b>
	<b>PV098 Hiawatha Trail Gap (28th to 32nd St E)</b>	Net Debt Bonds	0	0	765	0	0	<b>765</b>
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>765</b>	<b>0</b>	<b>0</b>	<b>765</b>
	<b>PV103 61st St W (Lyndale Ave S to Nicollet Ave S)</b>	Net Debt Bonds	0	0	0	440	0	<b>440</b>
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>440</b>	<b>0</b>	<b>440</b>
	<b>PV104 ADA Ramp Replacement Program</b>	Net Debt Bonds	745	500	500	500	500	<b>2,745</b>
		<b>Total</b>	<b>745</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>2,745</b>
	<b>PV108 Concrete Streets Rehabilitation Program</b>	Net Debt Bonds	400	500	500	500	500	<b>2,400</b>
		<b>Total</b>	<b>400</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>2,400</b>
	<b>PV111 46th Ave S (46th St S to Godfrey Parkway)</b>	Net Debt Bonds	0	480	0	0	0	<b>480</b>
		Special Assessments	0	5	0	0	0	<b>5</b>
<b>Total</b>		<b>0</b>	<b>485</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>485</b>	
<b>PV113 29th St W Phase 2</b>	Net Debt Bonds	0	0	0	0	1,340	<b>1,340</b>	
	Special Assessments	0	0	0	0	60	<b>60</b>	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,400</b>	<b>1,400</b>	
<b>PV114 U of M Protected Bikeways</b>	Net Debt Bonds	0	0	0	895	0	<b>895</b>	
	Federal Government Grants	0	0	0	955	0	<b>955</b>	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,850</b>	<b>0</b>	<b>1,850</b>	
<b>PV115 Emerson &amp; Fremont Aves N Pedestrian Enhancements</b>	Net Debt Bonds	0	0	0	1,765	0	<b>1,765</b>	
	Federal Government Grants	0	0	0	1,000	0	<b>1,000</b>	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,765</b>	<b>0</b>	<b>2,765</b>	
<b>PV116 North Loop Pedestrian Improvements</b>	Net Debt Bonds	0	0	0	1,900	0	<b>1,900</b>	
	Federal Government Grants	0	0	0	1,000	0	<b>1,000</b>	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,900</b>	<b>0</b>	<b>2,900</b>	
<b>PV117 Broadway St NE (Stinson Blvd to City Limits)</b>	Net Debt Bonds	0	0	0	1,355	0	<b>1,355</b>	
	Municipal State Aid	0	0	0	820	0	<b>820</b>	
	Special Assessments	0	0	0	625	0	<b>625</b>	
	Federal Government Grants	0	0	0	3,300	0	<b>3,300</b>	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,100</b>	<b>0</b>	<b>6,100</b>	



**Minneapolis** Capital Budget Detail for Funded Projects  
City of Lakes Council Adopted Budget

**PUBLIC WORKS DEPARTMENT**

			Budget in Thousands					Total
			2016	2017	2018	2019	2020	
<b>STREET PAVING</b>	<b>PV118 Hennepin Ave (Washington Ave N to 12th St S)</b>	Net Debt Bonds	0	0	0	0	1,950	<b>1,950</b>
		Municipal State Aid	0	0	0	0	2,005	<b>2,005</b>
		Special Assessments	0	0	0	0	575	<b>575</b>
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,530</b>	<b>4,530</b>
	<b>PV128 3rd Ave Redesign (1st to 16th St)</b>	Net Debt Bonds	3,000	0	0	0	0	<b>3,000</b>
		<b>Total</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,000</b>
	<b>PV130 Downtown East Commons Paving</b>	Transfer from General Fund	250	0	0	0	0	<b>250</b>
		<b>Total</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250</b>
	<b>PV99R Reimbursable Paving Projects</b>	Reimbursements	3,500	3,500	3,500	3,500	3,500	<b>17,500</b>
		<b>Total</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>17,500</b>
<b>Total for STREET PAVING</b>			<b>38,710</b>	<b>30,041</b>	<b>30,245</b>	<b>45,580</b>	<b>17,855</b>	<b>162,431</b>
<b>SIDEWALKS</b>	<b>SWK01 Defective Hazardous Sidewalks</b>	Net Debt Bonds	315	325	335	345	355	<b>1,675</b>
		Special Assessments	3,360	3,505	3,705	3,905	4,105	<b>18,580</b>
		<b>Total</b>	<b>3,675</b>	<b>3,830</b>	<b>4,040</b>	<b>4,250</b>	<b>4,460</b>	<b>20,255</b>
	<b>Total for SIDEWALKS</b>			<b>3,675</b>	<b>3,830</b>	<b>4,040</b>	<b>4,250</b>	<b>4,460</b>
<b>BRIDGES</b>	<b>BR101 Major Bridge Repair and Rehabilitation</b>	Net Debt Bonds	400	400	400	400	400	<b>2,000</b>
		<b>Total</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>2,000</b>
	<b>BR106 1st Ave S over HCRRA</b>	Net Debt Bonds	0	0	2,930	0	0	<b>2,930</b>
		Municipal State Aid	0	0	1,195	0	0	<b>1,195</b>
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>4,125</b>	<b>0</b>	<b>0</b>	<b>4,125</b>
	<b>BR111 10th Ave SE Bridge Arch Rehabilitation</b>	Transfer from General Fund	10,000	0	0	0	0	<b>10,000</b>
		<b>Total</b>	<b>10,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,000</b>
	<b>BR117 1st St N Bridge over Bassett's Creek</b>	Stormwater Revenue	0	0	1,385	0	0	<b>1,385</b>
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>1,385</b>	<b>0</b>	<b>0</b>	<b>1,385</b>
	<b>BR123 28th Ave S over Minnehaha Creek</b>	Net Debt Bonds	0	1,885	0	0	0	<b>1,885</b>
		Municipal State Aid	0	780	0	0	0	<b>780</b>
		<b>Total</b>	<b>0</b>	<b>2,665</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,665</b>
	<b>BR126 40th St Pedestrian &amp; Bicycle Bridge over 35W</b>	Net Debt Bonds	0	0	1,000	0	0	<b>1,000</b>
Other Local Governments		0	0	1,000	0	0	<b>1,000</b>	
<b>Total</b>		<b>0</b>	<b>0</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>2,000</b>	
<b>BR127 Nicollet Ave over Minnehaha Creek</b>	Net Debt Bonds	0	0	0	5,285	13,260	<b>18,545</b>	
	Municipal State Aid	0	0	0	0	2,500	<b>2,500</b>	
	State Government Grants	0	0	0	0	4,020	<b>4,020</b>	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,285</b>	<b>19,780</b>	<b>25,065</b>	
<b>Total for BRIDGES</b>			<b>10,400</b>	<b>3,065</b>	<b>7,910</b>	<b>5,685</b>	<b>20,180</b>	<b>47,240</b>
<b>TRAFFIC CONTROL &amp; STREET LIGHTING</b>	<b>TR008 Parkway Street Light Replacement</b>	Net Debt Bonds	350	310	270	350	350	<b>1,630</b>
		Park Capital Levy	0	62	531	331	0	<b>924</b>
		<b>Total</b>	<b>350</b>	<b>372</b>	<b>801</b>	<b>681</b>	<b>350</b>	<b>2,554</b>
	<b>TR010 Traffic Management Systems</b>	Net Debt Bonds	400	30	35	165	25	<b>655</b>
		Municipal State Aid	400	305	110	500	625	<b>1,940</b>



**Minneapolis** **Capital Budget Detail for Funded Projects**  
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**PUBLIC WORKS DEPARTMENT**

			Budget in Thousands					
			2016	2017	2018	2019	2020	Total
<b>TRAFFIC CONTROL &amp; STREET LIGHTING</b>	<b>TR010 Traffic Management Systems</b>	Hennepin County Grants	250	100	205	635	0	<b>1,190</b>
		<b>Total</b>	<b>1,050</b>	<b>435</b>	<b>350</b>	<b>1,300</b>	<b>650</b>	<b>3,785</b>
	<b>TR011 City Street Light Renovation</b>	Net Debt Bonds	550	445	625	1,000	1,000	<b>3,620</b>
		<b>Total</b>	<b>550</b>	<b>445</b>	<b>625</b>	<b>1,000</b>	<b>1,000</b>	<b>3,620</b>
	<b>TR021 Traffic Signals</b>	Net Debt Bonds	1,725	1,335	1,340	1,500	1,550	<b>7,450</b>
		Municipal State Aid	125	110	110	125	325	<b>795</b>
		Hennepin County Grants	125	125	125	125	125	<b>625</b>
		<b>Total</b>	<b>1,975</b>	<b>1,570</b>	<b>1,575</b>	<b>1,750</b>	<b>2,000</b>	<b>8,870</b>
	<b>TR022 Traffic Safety Improvements</b>	Net Debt Bonds	935	265	450	545	545	<b>2,740</b>
		Municipal State Aid	360	0	30	125	160	<b>675</b>
		Federal Government Grants	3,680	1,575	990	0	0	<b>6,245</b>
		Hennepin County Grants	460	30	115	0	220	<b>825</b>
	<b>Total</b>	<b>5,435</b>	<b>1,870</b>	<b>1,585</b>	<b>670</b>	<b>925</b>	<b>10,485</b>	
	<b>TR024 Pedestrian Street Lighting Corridors</b>	Net Debt Bonds	500	445	450	500	500	<b>2,395</b>
		<b>Total</b>	<b>500</b>	<b>445</b>	<b>450</b>	<b>500</b>	<b>500</b>	<b>2,395</b>
<b>TR025 Sign Replacement Program</b>	Net Debt Bonds	0	525	720	720	590	<b>2,555</b>	
	Municipal State Aid	0	270	0	0	305	<b>575</b>	
	<b>Total</b>	<b>0</b>	<b>795</b>	<b>720</b>	<b>720</b>	<b>895</b>	<b>3,130</b>	
<b>TR99R Reimbursable Transportation Projects</b>	Reimbursements	600	600	600	600	600	<b>3,000</b>	
	<b>Total</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>600</b>	<b>3,000</b>	
<b>Total for TRAFFIC CONTROL &amp; STREET LIGHTING</b>			<b>10,460</b>	<b>6,532</b>	<b>6,706</b>	<b>7,221</b>	<b>6,920</b>	<b>37,839</b>
<b>BIKE TRAILS</b>	<b>BIK28 Protected Bikeways Program</b>	Net Debt Bonds	760	1,250	1,000	1,140	1,940	<b>6,090</b>
		<b>Total</b>	<b>760</b>	<b>1,250</b>	<b>1,000</b>	<b>1,140</b>	<b>1,940</b>	<b>6,090</b>
	<b>Total for BIKE TRAILS</b>			<b>760</b>	<b>1,250</b>	<b>1,000</b>	<b>1,140</b>	<b>1,940</b>
<b>SANITARY SEWERS</b>	<b>SA001 Sanitary Tunnel &amp; Sewer Rehabilitation Program</b>	Sanitary Bonds	7,050	3,750	3,750	3,750	3,750	<b>22,050</b>
		<b>Total</b>	<b>7,050</b>	<b>3,750</b>	<b>3,750</b>	<b>3,750</b>	<b>3,750</b>	<b>22,050</b>
	<b>SA036 Infiltration &amp; Inflow Removal Program</b>	Sanitary Bonds	1,500	3,500	3,500	3,500	3,500	<b>15,500</b>
		Sanitary Revenue	1,000	1,000	1,000	1,000	1,000	<b>5,000</b>
		<b>Total</b>	<b>2,500</b>	<b>4,500</b>	<b>4,500</b>	<b>4,500</b>	<b>4,500</b>	<b>20,500</b>
	<b>SA99R Reimbursable Sanitary Sewer Projects</b>	Reimbursements	1,000	1,000	1,000	1,000	1,000	<b>5,000</b>
<b>Total</b>		<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>5,000</b>	
<b>Total for SANITARY SEWERS</b>			<b>10,550</b>	<b>9,250</b>	<b>9,250</b>	<b>9,250</b>	<b>9,250</b>	<b>47,550</b>
<b>STORM SEWERS</b>	<b>SW004 Implementation of US EPA Storm Water Regulations</b>	Stormwater Revenue	250	250	250	250	250	<b>1,250</b>
		<b>Total</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>1,250</b>
	<b>SW005 Combined Sewer Overflow Improvements</b>	Stormwater Revenue	1,500	1,500	1,500	1,500	1,500	<b>7,500</b>
		<b>Total</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>7,500</b>
	<b>SW011 Storm Drains and Tunnels Rehabilitation Program</b>	Stormwater Bonds	0	0	2,500	3,500	0	<b>6,000</b>
		Stormwater Revenue	8,000	6,500	6,500	6,500	8,000	<b>35,500</b>
<b>Total</b>		<b>8,000</b>	<b>6,500</b>	<b>9,000</b>	<b>10,000</b>	<b>8,000</b>	<b>41,500</b>	
<b>SW018 Flood Area 29 &amp; 30 - Fulton Neighborhood</b>	Stormwater Revenue	0	900	1,055	0	0	<b>1,955</b>	



**Capital Budget Detail for Funded Projects**  
**Council Adopted Budget**

**PUBLIC WORKS DEPARTMENT**

			Budget in Thousands					
			2016	2017	2018	2019	2020	Total
<b>STORM SEWERS</b>	<b>SW018 Flood Area 29 &amp; 30 - Fulton Neighborhood</b>	Other Local Governments	0	2,388	5,525	0	0	<b>7,913</b>
		<b>Total</b>	<b>0</b>	<b>3,288</b>	<b>6,580</b>	<b>0</b>	<b>0</b>	<b>9,868</b>
	<b>SW032 I-35W Storm Tunnel Reconstruction</b>	Stormwater Bonds	0	0	0	0	1,000	<b>1,000</b>
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>1,000</b>
	<b>SW034 Flood Area 21 - Bloomington Pond</b>	Stormwater Revenue	0	445	0	0	0	<b>445</b>
		Other Local Governments	0	4,395	0	0	0	<b>4,395</b>
		<b>Total</b>	<b>0</b>	<b>4,840</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,840</b>
	<b>SW039 Flood Mitigation with Alternative Stormwater Mgmt</b>	Stormwater Revenue	2,000	3,000	3,000	3,000	3,000	<b>14,000</b>
		<b>Total</b>	<b>2,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>14,000</b>
	<b>SW99R Reimbursable Sewer &amp; Storm Drain Projects</b>	Reimbursements	2,000	2,000	2,000	2,000	2,000	<b>10,000</b>
		<b>Total</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>10,000</b>
	<b>Total for STORM SEWERS</b>			<b>13,750</b>	<b>21,378</b>	<b>22,330</b>	<b>16,750</b>	<b>15,750</b>
<b>WATER INFRASTRUCTURE</b>	<b>WTR12 Water Distribution Improvements</b>	Water Revenue	6,300	7,250	7,350	7,450	7,550	<b>35,900</b>
		<b>Total</b>	<b>6,300</b>	<b>7,250</b>	<b>7,350</b>	<b>7,450</b>	<b>7,550</b>	<b>35,900</b>
	<b>WTR18 Water Distribution Facility</b>	Water Bonds	1,500	7,500	7,500	0	0	<b>16,500</b>
		<b>Total</b>	<b>1,500</b>	<b>7,500</b>	<b>7,500</b>	<b>0</b>	<b>0</b>	<b>16,500</b>
	<b>WTR23 Treatment Infrastructure Improvements</b>	Water Revenue	3,000	3,000	4,000	5,000	5,000	<b>20,000</b>
		<b>Total</b>	<b>3,000</b>	<b>3,000</b>	<b>4,000</b>	<b>5,000</b>	<b>5,000</b>	<b>20,000</b>
	<b>WTR24 Fridley Filter Plant Rehabilitation</b>	Water Bonds	6,700	17,000	14,000	9,500	0	<b>47,200</b>
		Water Revenue	0	1,000	0	0	0	<b>1,000</b>
		<b>Total</b>	<b>6,700</b>	<b>18,000</b>	<b>14,000</b>	<b>9,500</b>	<b>0</b>	<b>48,200</b>
	<b>WTR25 Ground Water Supply</b>	Water Revenue	1,000	1,500	1,500	2,000	2,000	<b>8,000</b>
		<b>Total</b>	<b>1,000</b>	<b>1,500</b>	<b>1,500</b>	<b>2,000</b>	<b>2,000</b>	<b>8,000</b>
	<b>WTR26 Recarbonation System Replacement</b>	Water Bonds	0	2,000	0	0	0	<b>2,000</b>
		Water Revenue	1,500	1,000	0	0	0	<b>2,500</b>
		<b>Total</b>	<b>1,500</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,500</b>
	<b>WTR27 Remote Meter Reading Technology Upgrade</b>	Water Bonds	0	2,620	700	1,800	1,700	<b>6,820</b>
		Water Revenue	250	0	0	0	0	<b>250</b>
		<b>Total</b>	<b>250</b>	<b>2,620</b>	<b>700</b>	<b>1,800</b>	<b>1,700</b>	<b>7,070</b>
<b>WTR28 Ultrafiltration Module Replacement</b>	Water Bonds	0	2,200	2,200	2,200	2,200	<b>8,800</b>	
	<b>Total</b>	<b>0</b>	<b>2,200</b>	<b>2,200</b>	<b>2,200</b>	<b>2,200</b>	<b>8,800</b>	
<b>WTR29 Columbia Heights Campus Upgrades</b>	Water Bonds	0	0	4,180	2,250	4,200	<b>10,630</b>	
	Water Revenue	0	300	0	0	0	<b>300</b>	
	<b>Total</b>	<b>0</b>	<b>300</b>	<b>4,180</b>	<b>2,250</b>	<b>4,200</b>	<b>10,930</b>	
<b>WTR9R Reimbursable Watermain Projects</b>	Reimbursements	2,000	2,000	2,000	2,000	2,000	<b>10,000</b>	
	<b>Total</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>10,000</b>	
<b>Total for WATER INFRASTRUCTURE</b>			<b>22,250</b>	<b>47,370</b>	<b>43,430</b>	<b>32,200</b>	<b>24,650</b>	<b>169,900</b>

<b>INFORMATION TECHNOLOGY</b>	<b>IT004 Enterprise Infrastructure Modernization</b>	Net Debt Bonds	500	200	200	0	0	<b>900</b>
		<b>Total</b>	<b>500</b>	<b>200</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>900</b>
	<b>IT033 Police Report Management System Upgrade</b>	Net Debt Bonds	2,800	1,300	0	0	0	<b>4,100</b>
		<b>Total</b>	<b>2,800</b>	<b>1,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,100</b>
<b>Total for Information Technology</b>			<b>3,300</b>	<b>1,500</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>5,000</b>



**Minneapolis** **Capital Budget Detail for Funded Projects**  
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		Budget in Thousands	2016	2017	2018	2019	2020	Total	
<b>PUBLIC GROUNDS &amp; FACILITIES</b>	<b>FIR11 New Fire Station No. 11</b>	Net Debt Bonds	1,910	3,350	1,000			<b>6,260</b>	
		<b>Total</b>	<b>1,910</b>	<b>3,350</b>	<b>1,000</b>			<b>6,260</b>	
	<b>FIR12 Fire Station No. 1 Renovation &amp; Expansion</b>	Net Debt Bonds	3,000	3,000				<b>6,000</b>	
		<b>Total</b>	<b>3,000</b>	<b>3,000</b>				<b>6,000</b>	
	<b>MPD03 Hamilton School Facility Improvements</b>	Net Debt Bonds	1,000					<b>1,000</b>	
		<b>Total</b>	<b>1,000</b>					<b>1,000</b>	
	<b>PSD17 New Solid Waste &amp; Recycling Facility</b>	Solid Waste Bonds	7,000	15,000				<b>22,000</b>	
		<b>Total</b>	<b>7,000</b>	<b>15,000</b>				<b>22,000</b>	
	<b>Total for Public Grounds &amp; Facilities</b>			<b>12,910</b>	<b>21,350</b>	<b>1,000</b>			<b>35,260</b>
	<b>MISCELLANEOUS PROJECTS</b>	<b>ART01 Art in Public Places</b>	Net Debt Bonds	580	600	620	640	660	<b>3,100</b>
<b>Total</b>			<b>580</b>	<b>600</b>	<b>620</b>	<b>640</b>	<b>660</b>	<b>3,100</b>	
<b>RAD01 Public Safety Radio System Replacement</b>		Net Debt Bonds	0	0	6,000	6,000	0	<b>12,000</b>	
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>6,000</b>	<b>6,000</b>	<b>0</b>	<b>12,000</b>	
<b>Total for Miscellaneous Projects</b>			<b>580</b>	<b>600</b>	<b>6,620</b>	<b>6,640</b>	<b>660</b>	<b>15,100</b>	
<b>Grand Total</b>			<b>134,767</b>	<b>151,351</b>	<b>138,931</b>	<b>137,194</b>	<b>106,661</b>	<b>668,904</b>	



## MUNICIPAL BUILDING COMMISSION

### **MBC01 Life Safety Improvements**

The MBC life safety program includes installation of building sprinkler, fire alarm, smoke detection, and public address systems.

### **MBC02 Mechanical Systems Upgrade**

The MBC Mechanical Systems Upgrade includes renovation and upgrade of the heating, ventilating and air conditioning (HVAC) systems in City Hall.

### **MBC04 MBC Elevators**

Upgrade of 5 Elevators in City Hall.

### **MBC09 Critical Power Capital Project**

The project will upgrade emergency power systems in the City Hall.

### **MBC10 Exterior Improvements**

This project will include replacing waterproofing at various locations around the building that have been in place for nearly 40 years. It also addresses masonry issues at various locations around the exterior perimeter and at the interior court and repairing or replacing exterior windows.

## PARK BOARD

### **PRK02 Playground and Site Improvements Program**

This project will reconfigure and replace worn out play equipment and additional amenities where budget allows.

### **PRK03 Shelter - Pool - Site Improvements Program**

Wading pool upgrades at parks throughout the city.

### **PRK04 Athletic Fields and Site Improvements Program**

Improvements include soil amendments, re-grading, re-seeding, irrigation, lighting, drainage, amenities and parking.

### **PRK30 Service Area Improvement Program**

Capital improvements to service areas throughout Minneapolis.

### **PRK31 Bossen Park Field Improvements**

Renovation and possible redesign for ball diamonds and soccer fields at Bossen Park.

### **PRK33 Bryn Mawr Meadows Field Improvements**

Renovation and possible redesign for athletic fields at Bryn Mawr Meadows.

### **PRKCP Neighborhood Parks Capital Infrastructure**

ADA improvements, artificial turf, grant match, sidewalk replacement, Riverfront / Grand Rounds Missing Link development, and projects at Painter Park, Smith Triangle, and The Mall.

### **PRKDT Diseased Tree Removal**

Removing diseased trees from private property.



## **PUBLIC WORKS DEPARTMENT**

### **PV001 Parkway Paving Program**

The objective is to re-evaluate the pavement condition and annual maintenance expenditures of all parkway paving areas that were constructed with a bituminous surface 30 years ago. The program will renovate rather than totally reconstruct the roadways.

### **PV006 Alley Renovation Program**

Repair and overlay existing alleys and repair or replace retaining walls that are currently in poor condition.

### **PV019 6th Ave N (5th St N to dead end north of Wash Ave N)**

Reconstruction of a deteriorated roadway in the North Loop Historic District.

### **PV027 Hennepin/Lyndale**

Reconstruction of existing roadway.

### **PV054 8th St S (Hennepin Ave to Chicago Ave)**

Reconstruction of existing roadway.

### **PV056 Asphalt Pavement Resurfacing Program**

The objective of this program is to resurface approximately 15 to 20 miles of streets each year to extend their useful life. Resurfacing will help to slow the deterioration of the city's aging street network and delay the cost of reconstructing the roadway by at least 10 years.

### **PV059 Major Pavement Maintenance Program**

This project will upgrade pavement conditions and/or extend the life of the roadways in the City.

### **PV063 Unpaved Alley Construction**

Place concrete pavement and any necessary storm drain and retaining walls in existing dirt or oiled dirt surfaced alleys.

### **PV072 Pedestrian Improvement Project**

Addition of pedestrian improvements to 6th, 7th, 8th and 9th Streets.

### **PV074 CSAH & MnDOT Cooperative Projects**

Project funding to be used for City's share of cooperative paving/bridge projects with Hennepin County and MnDOT.

### **PV075 Development Infrastructure Program**

This project would provide funding for various City wide development projects.

### **PV076 38th St E (Hiawatha to Minnehaha)**

Reconstruction of existing roadway.

### **PV080 18th Ave NE (Monroe to Johnson St NE)**

Reconstruction of existing roadway with an off street bicycle trail.

### **PV084 54th St W (Penn to Lyndale Ave S)**

Reconstruction of existing concrete pavement with parking and bicycle lanes.



### **PV086 26th Ave N (Wirth Pkwy to Mississippi River)**

Renovation of existing roadway to accommodate construction of off street bicycle trail.

### **PV087 34th Ave S (54th St E to Minnehaha Pkwy)**

Rehabilitation or reconstruction of existing roadway.

### **PV094 4th St SE (25th to 29th Ave SE)**

Reconstruct existing concrete roadway.

### **PV095 4th St N & S (2nd Ave N to 4th Ave S)**

Reconstruction of existing roadway.

### **PV096 42nd Ave N (Xerxes to Lyndale Ave N)**

Reconstruction of existing roadway.

### **PV097 18th Ave NE Trail Gap**

Complete existing facility from 6th St NE to Washington St NE.

### **PV098 Hiawatha Trail Gap (28th to 32nd St E)**

Extend existing trail to fill gap along LRT/Hiawatha Corridor.

### **PV103 61st St W (Lyndale Ave S to Nicollet Ave S)**

Reconstruct existing street.

### **PV104 ADA Ramp Replacement Program**

Replace pedestrian ramps to meet new standards set by the Americans with Disabilities Act.

### **PV108 Concrete Streets Rehabilitation Program**

This program would repair and rehabilitate various existing concrete streets in the City.

### **PV111 46th Ave S (46th St S to Godfrey Parkway)**

Reconstruction of roadway with new sidewalk and asphalt pavement.

### **PV113 29th St W Phase 2**

Reconstruction of existing roadway to be replaced with woonerf concept.

### **PV114 U of M Protected Bikeways**

Construction of protected bike lanes on several streets in the vicinity of the University of Minnesota.

### **PV115 Emerson & Fremont Aves N Pedestrian Enhancements**

Implementation of pedestrian enhancements on the project corridor.

### **PV116 North Loop Pedestrian Improvements**

Implementation of Bump Outs, Enhanced Pedestrian Crossings and Signal Modifications.



### **PV117 Broadway St NE (Stinson Blvd to City Limits)**

Reconstruction of existing roadway to include pedestrian and bicycle amenities.

### **PV118 Hennepin Ave (Washington Ave N to 12th St S)**

Reconstruction of existing roadway with pedestrian and bicycle amenities.

### **PV128 3rd Ave Redesign (1st to 16th St)**

This project will encompass a new layout of 3rd Avenue incorporating protected bike lanes, more greenspace and new pavement.

### **PV129 Vineland Place Paving Redesign**

This project will incorporate paving improvements to enhance pedestrian safety around the Walker Art Center and Minneapolis Park Board property along Vineland Place.

### **PV130 Downtown East Commons Paving**

This project will improve and repave various paving segments around the new Downtown East project area.

### **PV99R Reimbursable Paving Projects**

Work to be done for others with 100% recovery from requesting agency.

### **SWK01 Defective Hazardous Sidewalks**

To provide a hazard free pedestrian passage over approximately 2,000 miles of public sidewalk by inspecting and replacing defective public sidewalks and adding ADA compliant curb ramps where needed.

### **BR101 Major Bridge Repair and Rehabilitation**

Major repair and rehabilitation of existing city bridges to extend the operational life.

### **BR106 1st Ave S over HCRRA**

Reconstruction of the existing bridge over the Midtown Greenway.

### **BR111 10th Ave SE Bridge Arch Rehabilitation**

This project will rehabilitate the 10th Ave SE Bridge over the Mississippi River by reinforcing the concrete arches and replacing the bridge deck.

### **BR112 Nicollet Avenue Reopening**

Replacement of existing bridge in conjunction with the reopening of Nicollet Ave through the KMart site.

### **BR117 1st St N Bridge over Bassett's Creek**

Reconstruction of a structurally deficient bridge.

### **BR123 28th Ave S over Minnehaha Creek**

Replace existing Bridge over Minnehaha Creek.

### **BR126 40th St Pedestrian & Bicycle Bridge over 35W**

Rehabilitation of the existing pedestrian bridge to accommodate a shared use function for pedestrians and bicycles.



### **BR127 Nicollet Ave over Minnehaha Creek**

Bridge Rehabilitation.

### **TR008 Parkway Street Light Replacement**

This project consists of replacement of deteriorated services, poles, fixtures and electrical wiring associated with the lighting systems in place along the parkways throughout the City.

### **TR010 Traffic Management Systems**

This project consists of updating and retiming all the traffic signal systems within the City.

### **TR011 City Street Light Renovation**

This project consists of renovating the City's existing decorative street lighting facilities.

### **TR021 Traffic Signals**

This project consists of replacing old and outdated traffic signal equipment.

### **TR022 Traffic Safety Improvements**

This project consists of seven traffic related improvements: 1) Overhead Signal Additions, 2) Operational and Safety Improvements, 3) Signal and Delineation, 4) Mastarm Mounted Street Name Signing, 5) Street & Bridge Navigation Lighting, 6) Pedestrian Safety, and 7) Railroad Crossing Safety.

### **TR024 Pedestrian Street Lighting Corridors**

Construct pedestrian level lighting on various pedestrian corridors throughout the City.

### **TR025 Sign Replacement Program**

Replace deficient signs with new signs that meet current reflectivity standards.

### **TR99R Reimbursable Transportation Projects**

Work for others funding to be reimbursed by department, business or individuals requesting the work.

### **BIK28 Protected Bikeways Program**

This project will begin a program to create a network of bikeways which provide bikers with a physical means of protection from motor vehicles on roadways as recommended in the Bicycle Master Plan. For 2016, these funds may be a source of funding for the Northside Greenway, which is a project being considered to serve residents in North Minneapolis.

### **SA001 Sanitary Tunnel & Sewer Rehabilitation Program**

This program will rehabilitate and repair sanitary sewer pipes, lift stations & tunnels.

### **SA036 Infiltration & Inflow Removal Program**

The focus of this program is to remove inflow and infiltration of water from the sanitary sewer system and redirect this clear water to the storm sewer system and/or other best management practices.

### **SA99R Reimbursable Sanitary Sewer Projects**

Work to be done for others with 100% recovery from requesting agency.

### **SW004 Implementation of US EPA Storm Water Regulations**

This project provides solutions for Stormwater pollution mitigation measures.



### **SW005 Combined Sewer Overflow Improvements**

Construction of stormwater systems so that catch basins and drains in public ROW can be disconnected from the sanitary sewer and reconnected to a storm sewer.

### **SW011 Storm Drains and Tunnels Rehabilitation Program**

The rehab and repair of storm pipes, pump stations and tunnels throughout the City.

### **SW018 Flood Area 29 & 30 - Fulton Neighborhood**

The goal of this project is to protect Fulton neighborhood homes and businesses from flooding by using runoff volume and runoff rate control.

### **SW032 I-35W Storm Tunnel Reconstruction**

Construction of 19 new relief tunnels along the existing St. Mary's Tunnel.

### **SW034 Flood Area 21 - Bloomington Pond**

Project will increase runoff by disconnecting combined sewer overflow areas from the sanitary sewer and then use storm water volume reduction to protect homes near Bloomington Pond from flooding as a result of the increased runoff.

### **SW039 Flood Mitigation with Alternative Stormwater Mgmt**

The purpose of this program is to address localized flooding and drainage problems City-wide. Where practical, environmentally friendly "green infrastructure" stormwater practices such as rain gardens, bioswales, constructed wetlands, pervious pavements and hard surface reduction will be utilized.

### **SW99R Reimbursable Sewer & Storm Drain Projects**

Work to be done for others with 100% recovery from requesting agency.

### **WTR12 Water Distribution Improvements**

Maintain and sustain existing water distribution system infrastructure citywide.

### **WTR18 Water Distribution Facility**

Site acquisition, planning, design, and construction of a new Water Distribution Maintenance Facility.

### **WTR23 Treatment Infrastructure Improvements**

Maintain viability of existing water infrastructure through regular upgrades.

### **WTR24 Fridley Filter Plant Rehabilitation**

Renovate many parts of the Fridley Filtration Plant (1925 vintage) to improve finished water quality and reliability.

### **WTR25 Ground Water Supply**

Construction of alternative water source using wells.

### **WTR26 Recarbonation System Replacement**

Replace carbon dioxide storage and feed system.

### **WTR27 Remote Meter Reading Technology Upgrade**

Implementation of Advanced Metering Infrastructure.



### **WTR28 Ultrafiltration Module Replacement**

Replace membrane modules in Ultrafiltration plant.

### **WTR29 Columbia Heights Campus Upgrades**

Improve or replace century-old structures on Columbia Heights campus.

### **WTR9R Reimbursable Watermain Projects**

This project provides working capital for watermain projects reimbursable by other City Departments or private businesses.

## **INFORMATION TECHNOLOGY**

### **IT004 Enterprise Infrastructure Modernization**

This project will refresh failing and end-of-life technology, while increasing capacity of resource-constrained technology.

### **IT033 Police Report Management System Upgrade**

The Minneapolis Police Department uses a custom built police report management system (RMS) called CAPRS (Computer Assisted Police Reporting System).

## **PUBLIC GROUNDS & FACILITIES**

### **FIR11 New Fire Station No. 11**

Planning, design, and construction of a new Fire Station #11 at an existing City-owned site.

### **FIR12 Fire Station No. 1 Renovation & Expansion**

The project would plan, design, renovate and expand the current Fire Station #1 at its current location.

### **MPD02 Property & Evidence Warehouse**

Acquire and modify an existing warehouse facility.

### **MPD03 Hamilton School Facility Improvements**

This project is envisioned to make improvements to the Hamilton School, located at 4119 Dupont Avenue North, for the long term needs of the Police Department.

### **PSD15 Traffic Maintenance Facility Improvement**

The scope of the project is to complete the final phase of the of the renovation and modernization of the Traffic Maintenance Facility.

### **PSD16 Farmer's Market Improvements**

This project will provide for the long term capital improvement plan for the Farmer's Market site and facilities.

### **PSD17 New Solid Waste & Recycling Facility**

The project will design and construct a new facility (on a new site) for the long term operational needs of the Solid Waste and Recycling division of Public Works.



### MISCELLANEOUS PROJECTS

#### **ART01 Art in Public Places**

This ongoing program incorporates public art into the City's capital program as stand alone artworks or as integrated into public infrastructure.

#### **RAD01 Public Safety Radio System Replacement**

Replace hardware and update infrastructure of the ARMER interoperable radio system.



## ART01 Art in Public Places

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** Increase

**Increase/(Decrease)Amount:** 3,300

**Year Increase/(Decrease)Takes effect:** 2017

### Describe Operating Cost Impacts and How Increases Will Be Funded:

During design development for each public art project, a design assessment is conducted by an art conservator with input from the people who maintain the project site. This assessment outlines the annual maintenance needs and costs, as well as the costs of periodic treatments, such as repainting. After this assessment, staff work with the artist to identify design changes which could decrease maintenance costs and make the artwork more durable. This process has resulted in a 67% decrease in maintenance costs since 2003. The above figure is based on the average annual cost of maintaining an artwork.

Basic annual maintenance, such as cleaning and debris removal is provided by project partners and property owners. In 2015, more complex maintenance procedures, such as graffiti removal and new coatings are being funded through the general fund.

Each spring (since 2004) the entire collection is examined, and an art conservator provides an extensive report with annual maintenance recommendations to CPED. The Public Art Advisory Panel and the Minneapolis Arts Commission review this report and approve the annual maintenance plan, based on the budget for that year. Due to this comprehensive oversight and care, the vast majority of the 60 artworks in the Art in Public Places collection are in good condition.

## BIK28 Protected Bikeways Program

**Existing or New Infrastructure:** New

**Operating Cost Implication:** Increase

**Increase/(Decrease)Amount:** 1,100,000

**Year Increase/(Decrease)Takes effect:** 2019

### Describe Operating Cost Impacts and How Increases Will Be Funded:

Public Works is still assessing the costs of maintenance for protected bikeways. To date, we have limited experience with protected bikeway maintenance costs as follows: 0.4 miles of trails at \$10,560/centerline mile; 3.7 miles of two-way protected bike lanes on one side of the street at \$52,800/centerline mile, 5.3 miles of one-way protected bike lanes in each direction of travel on two-way streets at \$68,640/centerline mile, and 16.2 miles of one-way protected bike lanes in one direction of travel on one-way streets at \$34,320/mile. Public Works is having ongoing discussions regarding the appropriate level of maintenance for protected bikeways, particularly for winter operations including plowing.

## BR101 Major Bridge Repair and Rehabilitation

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -20,000

**Year Increase/(Decrease)Takes effect:**

### Describe Operating Cost Impacts and How Increases Will Be Funded:

Cost impacts represent an analysis of "Routine Bridge Maintenance" expenses.

## BR111 10th Ave SE Bridge Arch Rehabilitation

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -65,000

**Year Increase/(Decrease)Takes effect:** 2018

### Describe Operating Cost Impacts and How Increases Will Be Funded:

The amount is an average based on actual costs tracked in the finance system for maintenance work on the bridge which were provided by Bridge Maintenance Foreman. These costs will be paid for out of the operating funds of the Bridge Maintenance Department.



### **FIR11 New Fire Station No. 11**

**Existing or New Infrastructure:** New

**Operating Cost Implication:** Increase

**Increase/(Decrease)Amount:** 20,000

**Year Increase/(Decrease)Takes effect:** 2018

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Newly constructed fire stations have more complex mechanical, electrical, and life-safety systems than the buildings they replace. The advantage is that the systems provide for a healthier and safer environment for the firefighters. Although the systems are more energy efficient (approximately 30%) the savings are offset by bringing more fresh air, exhausting harmful pollutants, and controlling temperature and humidity with more precision. Similarly, the maintenance savings of having new systems is offset by having more systems to maintain. The stations will be designed to be more efficient and effective to clean on a daily basis. The Firefighters self-perform the cleaning of the station therefore there will not be any financial offset.

The end result is there will not be any operational savings with the new building. It is anticipated that the costs may actually be \$20,000 a year higher based on comparative stations. The average maintenance costs (3-year average)(2012- 2014) for the current Fire Station #11 was \$53,144 and the average maintenance costs for the newly constructed FS #14 for the same period of time was \$66,263. Energy costs in 2014 for FS#11 were \$26,409 (\$1.87 per square foot) and were \$26,800 (\$1.87 per square foot) for Fire Station #14.

### **IT004 Enterprise Infrastructure Modernization**

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Infrastructure and telephony upgrades are not expected to increase operating costs. Increased operating costs generated by improved solutions will be added to the enterprise allocation model that supports IT services.

### **IT033 Police Report Management System Upgrade**

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** Increase

**Increase/(Decrease)Amount:** 500,000

**Year Increase/(Decrease)Takes effect:** 2017

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Vendors responding to the City's RFP provided estimates for ongoing costs with their proposals.

### **MBC04 MBC Elevators**

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Operating Costs for the MBC will be slightly reduced upon completion of the project. It is projected that elevator maintenance bids will be reduced slightly when elevator equipment is upgraded. There will be a slight reduction in energy consumption when the inefficient direct current equipment on the freight elevator is replaced. Please also note the discussion in Additional Supplemental Information.



## MBC09 Critical Power Capital Project

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

### Describe Operating Cost Impacts and How Increases Will Be Funded:

Operating Costs for the MBC will be unchanged by the project. The addition of an electrical generator will slightly increase contract maintenance costs. Replacement of failing electrical equipment will reduce future maintenance costs. No cost has been assigned for the reduced risk to government operations or the public during a future natural disaster or homeland security event.

## MBC10 Exterior Improvements

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

### Describe Operating Cost Impacts and How Increases Will Be Funded:

The window replacement will reduce the annual operating expenses slightly based on energy savings. The amount is described in the Braun Intertec report. Eliminating costs related to building repairs and equipment replacement will also reduce the operating costs. The greatest impact will be improved occupant comfort.

## MPD03 Hamilton School Facility Improvements

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -162,000

**Year Increase/(Decrease)Takes effect:** 2016

### Describe Operating Cost Impacts and How Increases Will Be Funded:

Annual rent paid will be adjusted to reflect the City's capital investment.

## PRK03 Shelter - Pool - Site Improvements Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2017

### Describe Operating Cost Impacts and How Increases Will Be Funded:

The current facilities are very old and use outdated mechanical systems. New equipment and facilities will use less water and energy. Final figures for cost savings will be determined as part of the design and engineering of the projects.

## PRK04 Athletic Fields and Site Improvements Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** Increase

**Increase/(Decrease)Amount:** 5,000

**Year Increase/(Decrease)Takes effect:** 2018

### Describe Operating Cost Impacts and How Increases Will Be Funded:

This is based on costs of maintaining other upgraded neighborhood park fields, such as the field at Rev. Dr. Martin Luther King Jr Park. Costs are associated with irrigation, aeration and fertilization of the turf.



### PRK31 Bossen Park Field Improvements

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2017

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

This is based on costs of maintaining other upgraded neighborhood park fields, such as the field at Rev. Dr. Martin Luther King Jr Park. Costs are associated with irrigation, aeration and fertilization of the turf.

### PRKCP Neighborhood Parks Capital Infrastructure

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

The sidewalk/interior path replacement, operational facilities rehabilitation, synthetic turf rehabilitation, recreation center rehabilitation and neighborhood rehabilitation funds will be a direct replacement and will reduce the need for emergency fixes or temporary fixes.

The operating cost impacts of the grant match will depend on the projects that are selected for funding. If the project will result in an increase in operating cost, the grant request will require Park Board approval.

Riverfront master plans and the Grand Rounds Missing Link master plans will require a full analysis of the potential operating cost increases. This work is in progress and will need to be complete prior to finishing master plan updates for both future park areas.

ADA improvements will be applied to existing infrastructure and are not expected to increase operating costs.

The Painter Building, Smith Triangle, and The Mall projects are renovations of existing park areas and facilities that are in decline. Therefore, operational costs may be reduced through these capital improvements.

### PRKDT Diseased Tree Removal

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

N/A

### PSD17 New Solid Waste & Recycling Facility

**Existing or New Infrastructure:** New

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

The project will need to be further developed to determine if there are any operating cost impacts. Project does not include the costs for a CNG fleet, these purchases would be part of a regular fleet replacement schedule. A decision to implement a CNG fleet has yet to be made by the City.

Public Works has included \$25 million dollars of debt service into their proforma that determines future rates for service.



## PV001 Parkway Paving Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -21,000

**Year Increase/(Decrease)Takes effect:** 2016

### Describe Operating Cost Impacts and How Increases Will Be Funded:

This project decreases maintenance expenses by improving the quality of the existing pavement by replacing an aged driving surface with a new one. The current estimate is approximately \$7,000 per mile saved annually on a Parkway/Local roadway.

## PV006 Alley Renovation Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -1,380

**Year Increase/(Decrease)Takes effect:** 2015

### Describe Operating Cost Impacts and How Increases Will Be Funded:

The continuation of this program will reduce ongoing maintenance needs for the overlaid alleys and the improved retaining walls in the Alley Renovation program. These improvements will release maintenance money for other alleys and retaining walls where additional maintenance is needed. The current street maintenance expenditure for alleys in "poor" or "very poor" condition is estimated at approximately \$500 per alley per year. Over the five years of this program, 48 alleys will be improved. Annually this program decreases maintenance costs by approximately \$4,800.

## PV019 6th Ave N (5th St N to dead end north of Wash Ave N)

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -2,800

**Year Increase/(Decrease)Takes effect:** 2016

### Describe Operating Cost Impacts and How Increases Will Be Funded:

This project decreases maintenance expenses by improving the quality of the existing pavement by replacing an aged driving surface with a new one. The current street maintenance expenditure is estimated at approximately \$10,000 for a commercial/MSA type of roadway.

## PV027 Hennepin/Lyndale

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -9,000

**Year Increase/(Decrease)Takes effect:** 2015

### Describe Operating Cost Impacts and How Increases Will Be Funded:

This project decreases maintenance expenses by improving the quality of the existing pavement by replacing an aged driving surface with a new one. The current street maintenance expenditure is estimated at approximately \$10,000 per mile for a commercial/MSA type of roadway.

## PV056 Asphalt Pavement Resurfacing Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -125,000

**Year Increase/(Decrease)Takes effect:** 2016

### Describe Operating Cost Impacts and How Increases Will Be Funded:

This project decreases maintenance expenses by replacing an aged driving surface with a new one. The current maintenance estimate for streets with a pavement condition in the resurfacing range is \$5,000 per mile. This program attempts to resurface approximately 25 miles of streets per year.



## PV059 Major Pavement Maintenance Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -2,500

**Year Increase/(Decrease)Takes effect:** 2016

### Describe Operating Cost Impacts and How Increases Will Be Funded:

Operating cost impacts are based on historical data from the Transportation Repair and Maintenance Division for this type of work.

## PV063 Unpaved Alley Construction

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -500

**Year Increase/(Decrease)Takes effect:** 2016

### Describe Operating Cost Impacts and How Increases Will Be Funded:

The current maintenance expenditure for unpaved alleys is estimated at \$1,900 per mile. The estimate is that this program will complete the construction of one to three alleys per year with an average length of 357' per alley, or 0.15 miles of alleys, and the annual maintenance savings is estimated at \$385 per year.

## PV072 Pedestrian Improvement Project

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

### Describe Operating Cost Impacts and How Increases Will Be Funded:

Not applicable, this project will be maintained through the Downtown Improvement District.

## PV074 CSAH & MnDOT Cooperative Projects

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

### Describe Operating Cost Impacts and How Increases Will Be Funded:

There will be no relative increase or decrease. Hennepin County provides Minneapolis funds to complete maintenance on their roads. Rebuilding a road releases maintenance money to other county roadways where additional maintenance is needed.

## PV075 Development Infrastructure Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

### Describe Operating Cost Impacts and How Increases Will Be Funded:

Guidelines are:

- 60 years for reconstructed roadway
- 10 years for reconditioned or resurfaced roadway
- 75 years for new bridge
- Varies for bridge rehabilitation based on condition and scope of work
- 100 years for new storm, sanitary, water utilities
- 50 years for rehabilitated storm, sanitary, water utilities

Operating costs will be compiled in consultation with the responsible department, in most cases Public Works. It is likely that any proposed new public infrastructure will need to be maintained through the existing operation and maintenance budget.



### PV076 38th St E (Hiawatha to Minnehaha)

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -2,000

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

This project decreases maintenance expenses by improving the quality of the existing pavement by replacing an aged driving surface with a new one. The current annual street maintenance expenditure is estimated at approximately \$10,000 per mile for a commercial/MSA type of roadway.

### PV084 54th St W (Penn to Lyndale Ave S)

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -6,000

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

This project decreases maintenance expenses by improving the quality of the existing pavement by replacing an aged driving surface with a new one. The current annual street maintenance expenditure is estimated at approximately \$10,000 per mile for a commercial/MSA type of roadway.

### PV086 26th Ave N (Wirth Pkwy to Mississippi River)

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -12,000

**Year Increase/(Decrease)Takes effect:** 2015

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

This project decreases maintenance expenses by improving the quality of the existing pavement by replacing an aged driving surface with a new one. The current annual street maintenance expenditure is estimated at approximately \$10,000 per mile for a commercial/MSA type of roadway.

### PV104 ADA Ramp Replacement Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

No increase in annual operating costs.

### PV108 Concrete Streets Rehabilitation Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2017

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

This project decreases maintenance expenses by repairing the pavement distresses in the concrete streets, sealing the concrete joints, and grinding the surface smooth, thereby reducing further deterioration caused by traffic and snow plow impact. The current estimate of annual street maintenance costs for concrete streets with pavement in the condition range for concrete rehabilitation projects is \$5,000 per mile. This program attempts to rehabilitate 3/8 mile of concrete streets per year.



### PV128 3rd Ave Redesign (1st to 16th St)

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2020

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Operating costs have not yet been determined as the design is not finalized. Upon completion, this project will be maintained using normal operating maintenance funds of the Street and Traffic Control Divisions of the Public Works Department.

### PV130 Downtown East Commons Paving

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -2,500

**Year Increase/(Decrease)Takes effect:** 2017

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Since this whole area of downtown is being rehabilitated in conjunction with the new Vikings Stadium, office towers and the new Commons Park, it is not possible to determine the operating costs at this time. The Street Maintenance budget will be the source of funding once repairs and maintenance become necessary.

### PV99R Reimbursable Paving Projects

**Existing or New Infrastructure:** New

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2020

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

This work is for various small projects for outside agencies and sometimes for other divisions of public works and the operating cost impacts cannot really be determined. The Street Maintenance Department would cover any routine costs that would result from the improvements made by this program.

### SA001 Sanitary Tunnel & Sewer Rehabilitation Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -100,000

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

The decreased amount of operating costs represents savings in labor, equipment and material expenses associated with the ongoing maintenance and small repair of the areas in most need of rehabilitation within the sanitary sewer system. Clear water can also be removed with these projects, potentially reducing MCEs treatment costs.

### SA036 Infiltration & Inflow Removal Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Operating Costs were determined with past practices, and this work does not result in a change in operating costs.



### SA99R Reimbursable Sanitary Sewer Projects

**Existing or New Infrastructure:** New

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2020

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

This work is for various small projects for outside agencies and sometimes for other divisions of public works and the operating cost impacts cannot really be determined. The Sanitary Sewer Maintenance Department would cover any routine costs that would result from the improvements made by this program.

### SW004 Implementation of US EPA Storm Water Regulations

**Existing or New Infrastructure:** New

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Construction of new stormwater best management practices (BMPs) may require additional maintenance costs which will be paid for from the stormwater utility maintenance funding depending on the BMP constructed. Maintenance costs will be highly dependent on the BMP selected. Many of these BMPs do not have enough data to determine annual maintenance costs. The department is working towards tracking and identifying these costs.

### SW005 Combined Sewer Overflow Improvements

**Existing or New Infrastructure:** New

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Operating Costs were determined with past practices, and this work does not result in increased operating costs.

### SW011 Storm Drains and Tunnels Rehabilitation Program

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -300,000

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

The decreased amount of operating costs represents savings in labor, equipment and material expenses associated with the ongoing maintenance and small repair of the areas in most need of rehabilitation within the storm drain tunnel system.

### SW039 Flood Mitigation with Alternative Stormwater Mgmt

**Existing or New Infrastructure:** New

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

This project may increase annual operating and maintenance costs of the Surface Water & Sewers Division of Public Works for maintenance of the BMPs. However, this project may decrease annual operating and maintenance costs of the same division for addressing localized flooding issues. Any increase would be paid from the Stormwater Utility enterprise fund.



## SW99R Reimbursable Sewer & Storm Drain Projects

**Existing or New Infrastructure:** New

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2020

### Describe Operating Cost Impacts and How Increases Will Be Funded:

This work is for various small projects for outside agencies and sometimes for other divisions of public works and the operating cost impacts cannot really be determined. The Storm Sewer Maintenance Department would cover any routine costs that would result from the improvements made by this program.

## SWK01 Defective Hazardous Sidewalks

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

### Describe Operating Cost Impacts and How Increases Will Be Funded:

This proposal has no effect on annual operating/maintenance costs. Funds for the operation of the Sidewalk Inspection office are provided by: 1) the Sidewalk Construction Permit fees paid by contractors, 2) administrative fees paid by property owners when they are notified by the Sidewalk Inspections office and are required by ordinance to repair public sidewalk defects, or, when they request to use the City hired sidewalk contractor to make needed repairs to defective public sidewalk, and 3) administrative fees paid by other City of Minneapolis departments when the sidewalk portion of their project work is constructed by the City hired sidewalk contractor. The cost of maintenance of the public sidewalks is required by ordinance (City Charter, Chapter 8, Section 12 and 13) to be paid for by the adjacent property owner.

## TR008 Parkway Street Light Replacement

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -6,000

**Year Increase/(Decrease)Takes effect:** 2016

### Describe Operating Cost Impacts and How Increases Will Be Funded:

It's estimated that personnel cost would be reduced by \$4,500 and equipment rental by \$1,500. As LED lights are installed savings of \$100 in maintenance and \$25 in electricity per fixture can be anticipated.

## TR010 Traffic Management Systems

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2016

### Describe Operating Cost Impacts and How Increases Will Be Funded:

Since many individual improvements will be made each year for this project, individual operating cost impacts are not determined. The operating budget of the Traffic Control Division will pay the ongoing costs for the improvements made by this project.

## TR011 City Street Light Renovation

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -7,500

**Year Increase/(Decrease)Takes effect:** 2016

### Describe Operating Cost Impacts and How Increases Will Be Funded:

It's estimated that personnel cost would be reduced by \$6,000 and equipment rental by \$1,500. The replacement of existing lights results in decreased maintenance costs, while wattage will be reduced in some locations as a result in an electrical savings. LED light fixtures typically save \$50 per year, per fixture in energy and approximately \$50 per year in amortized maintenance savings due to fewer bulb changes.



### TR021 Traffic Signals

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -20,000

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

The replacement of aging and obsolete traffic signal system equipment will reduce the amount of money spent on maintenance for the replacement of failing equipment, while also reducing personnel time spent maintaining the aging and obsolete traffic signal system equipment. This would free up more time that can be used on previously understaffed work activities.

### TR022 Traffic Safety Improvements

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** Increase

**Increase/(Decrease)Amount:** 6,000

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Overhead signal additions would increase operating costs by \$15.00 per unit per year. There are 55 overhead signal structures proposed for construction from 2015 to 2019. The Safe Routes To School Program will replace some of the existing infrastructure, but it's expected that potential increases may be realized with future infrastructure additions. The increased maintenance costs will be paid through the existing maintenance budget.

### TR024 Pedestrian Street Lighting Corridors

**Existing or New Infrastructure:** New

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Ongoing costs include electricity, pole knockdowns, and bulb replacements. New poles will utilize LED technology, which are highly efficient both in terms of electrical usage and ongoing maintenance. Public Works will adjust operating expense requests as the number of street light poles increases, but expects future operational savings in the existing street lighting system as existing fixtures are converted to LED.

### TR99R Reimbursable Transportation Projects

**Existing or New Infrastructure:** New

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2020

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

This work is for various small projects for outside agencies and sometimes for other divisions of public works and the operating cost impacts cannot really be determined. The Traffic Control Maintenance Department would cover any routine costs that would result from the improvements made by this program.

### WTR12 Water Distribution Improvements

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** (Decrease)

**Increase/(Decrease)Amount:** -10,000

**Year Increase/(Decrease)Takes effect:** 2016

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Reduced maintenance needed for rehabilitated pipes.



## WTR18 Water Distribution Facility

**Existing or New Infrastructure:** New

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:** 2017

### Describe Operating Cost Impacts and How Increases Will Be Funded:

The proposed project will result in decreased operating costs that are directly related to a modern design standards, including being equal to a Silver Rating, based on the criteria of Leadership in Energy and Environmental Design (LEED). A specific dollar amount can be projected after the building has been designed utilizing energy modeling concepts.

Newly constructed industrial facilities have more complex mechanical, electrical, and life-safety systems than the buildings they replace. The advantage is that the systems provide for a healthier and safer environment for the staff. Although the systems are more energy efficient (approximately 30%) the savings are offset by bringing more fresh air, exhausting harmful pollutants, and controlling temperature and humidity with more precision. Similarly, the maintenance savings of having new systems is offset by having more systems to maintain. The end result is there may not be any operational savings with the new building. The true savings will be with the effectiveness of the operation.

However, due to the pending replacement of the existing facilities, the City has deferred maintenance at the current facility for the past several years. If this Project is not approved, a considerable amount of deferred maintenance work will need to be performed on the existing buildings, thereby increasing the current annual operating costs.

## WTR23 Treatment Infrastructure Improvements

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

### Describe Operating Cost Impacts and How Increases Will Be Funded:

Planning for neutral change or decrease in operating costs. Attempts to improve efficiency are pursued wherever possible.

## WTR24 Fridley Filter Plant Rehabilitation

**Existing or New Infrastructure:** Existing

**Operating Cost Implication:** No Change

**Increase/(Decrease)Amount:** 0

**Year Increase/(Decrease)Takes effect:**

### Describe Operating Cost Impacts and How Increases Will Be Funded:

Generally plan for neutral change in operating cost. Attempt to improve efficiency wherever possible.

## WTR25 Ground Water Supply

**Existing or New Infrastructure:** New

**Operating Cost Implication:** Increase

**Increase/(Decrease)Amount:** 50,000

**Year Increase/(Decrease)Takes effect:** 2015

### Describe Operating Cost Impacts and How Increases Will Be Funded:

There will be increased cost to pump from the ground water and through the piping to the treatment compared with pumping from the river. The pumping equipment, as does all equipment, will require some maintenance labor time. Operational plans have not yet been identified, so costs have not been specifically estimated.



### WTR26 Recarbonation System Replacement

**Existing or New Infrastructure:** Existing

**Increase/(Decrease)Amount:** 0

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

Operating cost will be equal or less than the costs of operating the existing system.

**Operating Cost Implication:** No Change

**Year Increase/(Decrease)Takes effect:**

### WTR27 Remote Meter Reading Technology Upgrade

**Existing or New Infrastructure:** New

**Increase/(Decrease)Amount:** -100,000

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

At present time, most of the remote meter readings for billing are collected by a receiver in a van that drives every street in the City once a month. The new automated meter reading systems use a fixed network with receivers that serve a several block range that convey the signal to the City's billing system. This would eliminate the need for the equipped van and the employee to drive it. However, some of these savings will be offset by costs associated with maintaining the AMI software and related infrastructure.

**Operating Cost Implication:** (Decrease)

**Year Increase/(Decrease)Takes effect:** 2018

### WTR9R Reimbursable Watermain Projects

**Existing or New Infrastructure:** Existing

**Increase/(Decrease)Amount:** 0

**Describe Operating Cost Impacts and How Increases Will Be Funded:**

This work is for various small projects for outside agencies and sometimes for other divisions of public works and the operating cost impacts cannot really be determined. The Water Maintenance Department would cover any routine costs that would result from the improvements made by this program. Generally plan for neutral change or decrease in operating cost. Attempt to improve efficiency wherever possible.

**Operating Cost Implication:** No Change

**Year Increase/(Decrease)Takes effect:** 2020



Project	Submitting Agency	Department Requested	CLIC Recommended	Mayor Recommended	Council Adopted
ART01 Art in Public Places	CPED	580	580	580	580
BIK28 Protected Bikeways Program	Public Works	1,640	1,640	760	760
BR101 Major Bridge Repair and Rehabilitation	Public Works	400	400	400	400
BR111 10th Ave SE Bridge Arch Rehabilitation	Public Works			10,000	10,000
FIR11 New Fire Station No. 11	Fire Department	1,910	1,910	1,910	1,910
FIR12 Fire Station No. 1 Renovation & Expansion	Fire Department	3,000	3,000	3,000	3,000
IT004 Enterprise Infrastructure Modernization	IT Department	750	750	500	500
IT033 Police Report Management System Upgrade	IT Department	2,800	2,800	2,800	2,800
MBC04 MBC Elevators	MBC	1,280	675	1,280	1,280
MBC09 Critical Power Capital Project	MBC	410	410	410	410
MBC10 Exterior Improvements	MBC	1,280	1,280	1,280	1,280
MPD02 Property & Evidence Warehouse	Police Department	4,200			
MPD03 Hamilton School Facility Improvements	Police Department	1,000	1,000	1,000	1,000
PRK02 Playground and Site Improvements Program	Park Board	662	662	662	
PRK03 Shelter - Pool - Site Improvements Program	Park Board	171	171	171	461
PRK04 Athletic Fields and Site Improvements Program	Park Board				150
PRK31 Bossen Park Field Improvements	Park Board	2,500	2,500	2,500	2,500
PRKCP Neighborhood Parks Capital Infrastructure	Park Board	1,234	1,234	1,234	1,041
PRKDT Diseased Tree Removal	Park Board	300	300	300	300
PSD16 Farmer's Market Improvements	Other Departments	700			
PSD17 New Solid Waste & Recycling Facility	Public Works	7,000	7,000	7,000	7,000
PV001 Parkway Paving Program	Public Works	750	750	750	750
PV006 Alley Renovation Program	Public Works	250		250	250
PV019 6th Ave N (5th St N to dead end north of Wash Ave N)	Public Works	2,920	2,920	2,920	2,920
PV027 Hennepin/Lyndale	Public Works	5,025	5,025	5,025	5,025
PV056 Asphalt Pavement Resurfacing Program	Public Works	6,915	6,915	6,915	6,915
PV059 Major Pavement Maintenance Program	Public Works	250	250	250	250
PV063 Unpaved Alley Construction	Public Works	200		200	200
PV072 Pedestrian Improvement Project	Public Works	2,790	2,790	2,790	2,790
PV074 CSAH & MnDOT Cooperative Projects	Public Works	3,990	3,990	3,990	3,990
PV075 Development Infrastructure Program	CPED	750		500	500
PV076 38th St E (Hiawatha to Minnehaha)	Public Works	2,025	2,025	2,025	2,025
PV084 54th St W (Penn to Lyndale Ave S)	Public Works	3,280	3,280	3,280	3,280
PV086 26th Ave N (Wirth Pkwy to Mississippi River)	Public Works	1,920	1,920	1,920	1,920
PV104 ADA Ramp Replacement Program	Public Works	745	745	745	745
PV108 Concrete Streets Rehabilitation Program	Public Works				400
PV128 3rd Ave Redesign (1st to 16th St)	Public Works			3,000	3,000
PV129 Vineland Place Paving Redesign	Public Works			400	
PV130 Downtown East Commons Paving	Public Works			250	250
PV99R Reimbursable Paving Projects	Public Works	3,500	3,500	3,500	3,500
SA001 Sanitary Tunnel & Sewer Rehabilitation Program	Public Works	7,050	7,050	7,050	7,050
SA036 Infiltration & Inflow Removal Program	Public Works	2,500	2,500	2,500	2,500
SA99R Reimbursable Sanitary Sewer Projects	Public Works	1,000	1,000	1,000	1,000
SW004 Implementation of US EPA Storm Water Regulations	Public Works	250	250	250	250
SW005 Combined Sewer Overflow Improvements	Public Works	1,500	1,500	1,500	1,500



Project	Submitting Agency	Department Requested	CLIC Recommended	Mayor Recommended	Council Adopted
SW011 Storm Drains and Tunnels Rehabilitation Program	Public Works	8,000	8,000	8,000	8,000
SW039 Flood Mitigation with Alternative Stormwater Mgmt	Public Works	2,000	2,000	2,000	2,000
SW99R Reimbursable Sewer & Storm Drain Projects	Public Works	2,000	2,000	2,000	2,000
SWK01 Defective Hazardous Sidewalks	Public Works	3,675	3,675	3,675	3,675
TR008 Parkway Street Light Replacement	Public Works	350	350	350	350
TR010 Traffic Management Systems	Public Works	1,050	1,050	1,050	1,050
TR011 City Street Light Renovation	Public Works	550	550	550	550
TR021 Traffic Signals	Public Works	1,975	1,975	1,975	1,975
TR022 Traffic Safety Improvements	Public Works	5,435	5,435	5,435	5,435
TR024 Pedestrian Street Lighting Corridors	Public Works	500	500	500	500
TR99R Reimbursable Transportation Projects	Public Works	600	600	600	600
WTR12 Water Distribution Improvements	Public Works	6,300	6,300	6,300	6,300
WTR18 Water Distribution Facility	Public Works	1,500	1,500	1,500	1,500
WTR23 Treatment Infrastructure Improvements	Public Works	3,000	3,000	3,000	3,000
WTR24 Fridley Filter Plant Rehabilitation	Public Works	6,700	6,700	6,700	6,700
WTR25 Ground Water Supply	Public Works	1,000		1,000	1,000
WTR26 Recarbonation System Replacement	Public Works	1,500	1,500	1,500	1,500
WTR27 Remote Meter Reading Technology Upgrade	Public Works	250	250	250	250
WTR9R Reimbursable Watermain Projects	Public Works	2,000	2,000	2,000	2,000
	<b>Total</b>	<b>127,812</b>	<b>120,107</b>	<b>135,182</b>	<b>134,767</b>



Project	Submitting Agency	Department Requested	CLIC Recommended	Mayor Recommended	Council Adopted
ART01 Art in Public Places	CPED	600	600	600	600
BIK28 Protected Bikeways Program	Public Works	1,250	1,250	1,250	1,250
BR101 Major Bridge Repair and Rehabilitation	Public Works	400	400	400	400
BR123 28th Ave S over Minnehaha Creek	Public Works	2,665	2,665	2,665	2,665
FIR11 New Fire Station No. 11	Fire Department	3,350	3,350	3,350	3,350
FIR12 Fire Station No. 1 Renovation & Expansion	Fire Department	3,000	3,000	3,000	3,000
IT004 Enterprise Infrastructure Modernization	IT Department	750	300	200	200
IT033 Police Report Management System Upgrade	IT Department	1,300	1,300	1,300	1,300
MBC01 Life Safety Improvements	MBC	50	50	50	50
MBC04 MBC Elevators	MBC		605		
MBC10 Exterior Improvements	MBC	2,155	2,155	2,155	2,155
PRK02 Playground and Site Improvements Program	Park Board	879	879	879	350
PRK03 Shelter - Pool - Site Improvements Program	Park Board	459	459	459	
PRK04 Athletic Fields and Site Improvements Program	Park Board	700	700	700	700
PRK30 Service Area Improvement Program	Park Board	1,000			400
PRK31 Bossen Park Field Improvements	Park Board	862	862	862	450
PRKCP Neighborhood Parks Capital Infrastructure	Park Board	950	950	950	780
PRKDT Diseased Tree Removal	Park Board	300	300	300	300
PSD16 Farmer's Market Improvements	Other Departments	1,200			
PSD17 New Solid Waste & Recycling Facility	Public Works	15,000	15,000	15,000	15,000
PV001 Parkway Paving Program	Public Works	870	870	870	871
PV006 Alley Renovation Program	Public Works	250		250	250
PV019 6th Ave N (5th St N to dead end north of Wash Ave N)	Public Works	1,780	1,780	1,780	1,780
PV056 Asphalt Pavement Resurfacing Program	Public Works	6,915	6,915	6,915	6,915
PV059 Major Pavement Maintenance Program	Public Works	250	250	250	250
PV063 Unpaved Alley Construction	Public Works	200		200	200
PV074 CSAH & MnDOT Cooperative Projects	Public Works	3,490	3,490	3,490	3,490
PV075 Development Infrastructure Program	CPED	150			
PV080 18th Ave NE (Monroe to Johnson St NE)	Public Works	4,340	4,340	4,340	4,340
PV084 54th St W (Penn to Lyndale Ave S)	Public Works	4,760	4,760	4,760	4,760
PV094 4th St SE (25th to 29th Ave SE)	Public Works	2,200	2,200	2,200	2,200
PV104 ADA Ramp Replacement Program	Public Works	500	500	500	500
PV108 Concrete Streets Rehabilitation Program	Public Works	500	500	500	500
PV111 46th Ave S (46th St S to Godfrey Parkway)	Public Works	485	485	485	485
PV99R Reimbursable Paving Projects	Public Works	3,500	3,500	3,500	3,500
SA001 Sanitary Tunnel & Sewer Rehabilitation Program	Public Works	3,750	3,750	3,750	3,750
SA036 Infiltration & Inflow Removal Program	Public Works	4,500	4,500	4,500	4,500
SA99R Reimbursable Sanitary Sewer Projects	Public Works	1,000	1,000	1,000	1,000
SW004 Implementation of US EPA Storm Water Regulations	Public Works	250	250	250	250
SW005 Combined Sewer Overflow Improvements	Public Works	1,500	1,500	1,500	1,500
SW011 Storm Drains and Tunnels Rehabilitation Program	Public Works	6,500	6,500	6,500	6,500
SW018 Flood Area 29 & 30 - Fulton Neighborhood	Public Works	3,288	3,288	3,288	3,288
SW034 Flood Area 21 - Bloomington Pond	Public Works	4,840	4,840	4,840	4,840
SW039 Flood Mitigation with Alternative Stormwater Mgmt	Public Works	3,000	3,000	3,000	3,000
SW99R Reimbursable Sewer & Storm Drain Projects	Public Works	2,000	2,000	2,000	2,000



Project	Submitting Agency	Department Requested	CLIC Recommended	Mayor Recommended	Council Adopted
SWK01 Defective Hazardous Sidewalks	Public Works	3,830	3,830	3,830	3,830
TR008 Parkway Street Light Replacement	Public Works	310	310	310	372
TR010 Traffic Management Systems	Public Works	435	435	435	435
TR011 City Street Light Renovation	Public Works	445	445	445	445
TR021 Traffic Signals	Public Works	1,570	1,570	1,570	1,570
TR022 Traffic Safety Improvements	Public Works	1,870	1,870	1,870	1,870
TR024 Pedestrian Street Lighting Corridors	Public Works	445	445	445	445
TR025 Sign Replacement Program	Public Works	795	795	795	795
TR99R Reimbursable Transportation Projects	Public Works	600	600	600	600
WTR12 Water Distribution Improvements	Public Works	7,250	7,250	7,250	7,250
WTR18 Water Distribution Facility	Public Works	7,500	7,500	7,500	7,500
WTR23 Treatment Infrastructure Improvements	Public Works	3,000	3,000	3,000	3,000
WTR24 Fridley Filter Plant Rehabilitation	Public Works	18,000	18,000	18,000	18,000
WTR25 Ground Water Supply	Public Works	1,500		1,500	1,500
WTR26 Recarbonation System Replacement	Public Works	3,000	3,000	3,000	3,000
WTR27 Remote Meter Reading Technology Upgrade	Public Works	2,620	700	2,620	2,620
WTR28 Ultrafiltration Module Replacement	Public Works	2,200	2,200	2,200	2,200
WTR29 Columbia Heights Campus Upgrades	Public Works	300		300	300
WTR9R Reimbursable Watermain Projects	Public Works	2,000	2,000	2,000	2,000
	<b>Total</b>	<b>155,358</b>	<b>148,993</b>	<b>152,458</b>	<b>151,351</b>



Project	Submitting Agency	Department Requested	CLIC Recommended	Mayor Recommended	Council Adopted
ART01 Art in Public Places	CPED	620	620	620	620
BIK28 Protected Bikeways Program	Public Works	1,000	1,000	1,000	1,000
BR101 Major Bridge Repair and Rehabilitation	Public Works	400	400	400	400
BR106 1st Ave S over HCRRA	Public Works	4,125	4,125	4,125	4,125
BR117 1st St N Bridge over Bassett's Creek	Public Works	1,385	1,385	1,385	1,385
BR126 40th St Pedestrian & Bicycle Bridge over 35W	Public Works	2,645	2,645	2,000	2,000
FIR11 New Fire Station No. 11	Fire Department	1,000	1,000	1,000	1,000
IT004 Enterprise Infrastructure Modernization	IT Department	850	300	200	200
MBC01 Life Safety Improvements	MBC	205	205	205	205
MBC02 Mechanical Systems Upgrade	MBC	505	505	505	505
MBC10 Exterior Improvements	MBC	2,255	2,255	2,255	2,255
PRK02 Playground and Site Improvements Program	Park Board	1,555	1,555	1,555	813
PRK03 Shelter - Pool - Site Improvements Program	Park Board	695	695	695	695
PRK30 Service Area Improvement Program	Park Board	500			400
PRKCP Neighborhood Parks Capital Infrastructure	Park Board	1,100	1,100	1,100	1,027
PRKDT Diseased Tree Removal	Park Board	300	300	300	300
PSD15 Traffic Maintenance Facility Improvement	Public Works	2,000			
PSD16 Farmer's Market Improvements	Other Departments	2,000			
PV001 Parkway Paving Program	Public Works	750	750	750	750
PV006 Alley Renovation Program	Public Works	250			
PV056 Asphalt Pavement Resurfacing Program	Public Works	6,915	6,915	6,915	6,915
PV059 Major Pavement Maintenance Program	Public Works	250	250	250	250
PV063 Unpaved Alley Construction	Public Works	200			
PV074 CSAH & MnDOT Cooperative Projects	Public Works	4,070	4,070	3,070	3,070
PV075 Development Infrastructure Program	CPED	150			
PV080 18th Ave NE (Monroe to Johnson St NE)	Public Works	1,570	1,570	1,570	1,570
PV087 34th Ave S (54th St E to Minnehaha Pkwy)	Public Works	1,970	1,970	1,970	1,970
PV095 4th St N & S (2nd Ave N to 4th Ave S)	Public Works	4,370	4,370	4,370	4,370
PV096 42nd Ave N (Xerxes to Lyndale Ave N)	Public Works	5,785	5,785	5,785	5,785
PV097 18th Ave NE Trail Gap	Public Works	300	300	300	300
PV098 Hiawatha Trail Gap (28th to 32nd St E)	Public Works	765	765	765	765
PV104 ADA Ramp Replacement Program	Public Works	500	500	500	500
PV108 Concrete Streets Rehabilitation Program	Public Works	500	500	500	500
PV99R Reimbursable Paving Projects	Public Works	3,500	3,500	3,500	3,500
RAD01 Public Safety Radio System Replacement	Other Departments	6,000	6,000	6,000	6,000
SA001 Sanitary Tunnel & Sewer Rehabilitation Program	Public Works	3,750	3,750	3,750	3,750
SA036 Infiltration & Inflow Removal Program	Public Works	4,500	4,500	4,500	4,500
SA99R Reimbursable Sanitary Sewer Projects	Public Works	1,000	1,000	1,000	1,000
SW004 Implementation of US EPA Storm Water Regulations	Public Works	250	250	250	250
SW005 Combined Sewer Overflow Improvements	Public Works	1,500	1,500	1,500	1,500
SW011 Storm Drains and Tunnels Rehabilitation Program	Public Works	9,000	9,000	9,000	9,000
SW018 Flood Area 29 & 30 - Fulton Neighborhood	Public Works	6,580	6,580	6,580	6,580
SW039 Flood Mitigation with Alternative Stormwater Mgmt	Public Works	3,000	3,000	3,000	3,000
SW99R Reimbursable Sewer & Storm Drain Projects	Public Works	2,000	2,000	2,000	2,000
SWK01 Defective Hazardous Sidewalks	Public Works	4,040	4,040	4,040	4,040



Project	Submitting Agency	Department Requested	CLIC Recommended	Mayor Recommended	Council Adopted
TR008 Parkway Street Light Replacement	Public Works	270	270	270	801
TR010 Traffic Management Systems	Public Works	350	350	350	350
TR011 City Street Light Renovation	Public Works	625	625	625	625
TR021 Traffic Signals	Public Works	1,575	1,575	1,575	1,575
TR022 Traffic Safety Improvements	Public Works	1,585	1,585	1,585	1,585
TR024 Pedestrian Street Lighting Corridors	Public Works	450	450	450	450
TR025 Sign Replacement Program	Public Works	720	720	720	720
TR99R Reimbursable Transportation Projects	Public Works	600	600	600	600
WTR12 Water Distribution Improvements	Public Works	7,350	7,350	7,350	7,350
WTR18 Water Distribution Facility	Public Works	7,500	7,500	7,500	7,500
WTR23 Treatment Infrastructure Improvements	Public Works	4,000	4,000	4,000	4,000
WTR24 Fridley Filter Plant Rehabilitation	Public Works	14,000	14,000	14,000	14,000
WTR25 Ground Water Supply	Public Works	1,500		1,500	1,500
WTR27 Remote Meter Reading Technology Upgrade	Public Works	700	700	700	700
WTR28 Ultrafiltration Module Replacement	Public Works	2,200	2,200	2,200	2,200
WTR29 Columbia Heights Campus Upgrades	Public Works	4,180		4,180	4,180
WTR9R Reimbursable Watermain Projects	Public Works	2,000	2,000	2,000	2,000
<b>Total</b>		<b>146,210</b>	<b>134,880</b>	<b>138,815</b>	<b>138,931</b>



Project	Submitting Agency	Department Requested	CLIC Recommended	Mayor Recommended	Council Adopted
ART01 Art in Public Places	CPED	640	640	640	640
BIK28 Protected Bikeways Program	Public Works	1,140	1,140	1,140	1,140
BR101 Major Bridge Repair and Rehabilitation	Public Works	400	400	400	400
BR127 Nicollet Ave over Minnehaha Creek	Public Works	5,285	5,285	5,285	5,285
IT004 Enterprise Infrastructure Modernization	IT Department	750	300		
MBC01 Life Safety Improvements	MBC	103	100	100	100
MBC02 Mechanical Systems Upgrade	MBC	925	925	925	925
MBC10 Exterior Improvements	MBC	1,895	1,895	1,895	1,895
PRK02 Playground and Site Improvements Program	Park Board	2,645	2,196	2,196	1,483
PRK03 Shelter - Pool - Site Improvements Program	Park Board	1,826	1,355	1,355	1,355
PRK30 Service Area Improvement Program	Park Board				400
PRK33 Bryn Mawr Meadows Field Improvements	Park Board	1,329	1,064	1,064	640
PRKCP Neighborhood Parks Capital Infrastructure	Park Board	1,250	1,250	1,250	1,380
PRKDT Diseased Tree Removal	Park Board	300	300	300	300
PSD15 Traffic Maintenance Facility Improvement	Public Works	2,000			
PSD16 Farmer's Market Improvements	Other Departments	250			
PV001 Parkway Paving Program	Public Works	1,750	1,750	1,750	1,750
PV006 Alley Renovation Program	Public Works	250			
PV054 8th St S (Hennepin Ave to Chicago Ave)	Public Works	9,825	9,825	9,825	9,825
PV056 Asphalt Pavement Resurfacing Program	Public Works	6,915	6,915	6,915	6,915
PV059 Major Pavement Maintenance Program	Public Works	250	250	250	250
PV063 Unpaved Alley Construction	Public Works	200			
PV074 CSAH & MnDOT Cooperative Projects	Public Works	2,500		500	500
PV075 Development Infrastructure Program	CPED	150			
PV095 4th St N & S (2nd Ave N to 4th Ave S)	Public Works	2,005	2,005	2,005	2,005
PV096 42nd Ave N (Xerxes to Lyndale Ave N)	Public Works	5,780	5,780	5,780	5,780
PV103 61st St W (Lyndale Ave S to Nicollet Ave S)	Public Works	3,735	440	440	440
PV104 ADA Ramp Replacement Program	Public Works	500	500	500	500
PV108 Concrete Streets Rehabilitation Program	Public Works	500	500	500	500
PV114 U of M Protected Bikeways	Public Works	1,850	1,850	1,850	1,850
PV115 Emerson & Fremont Aves N Pedestrian Enhancements	Public Works	2,765	2,765	2,765	2,765
PV116 North Loop Pedestrian Improvements	Public Works	2,900	2,900	2,900	2,900
PV117 Broadway St NE (Stinson Blvd to City Limits)	Public Works	6,100	6,100	6,100	6,100
PV99R Reimbursable Paving Projects	Public Works	3,500	3,500	3,500	3,500
RAD01 Public Safety Radio System Replacement	Other Departments	6,000	6,000	6,000	6,000
SA001 Sanitary Tunnel & Sewer Rehabilitation Program	Public Works	3,750	3,750	3,750	3,750
SA036 Infiltration & Inflow Removal Program	Public Works	4,500	4,500	4,500	4,500
SA99R Reimbursable Sanitary Sewer Projects	Public Works	1,000	1,000	1,000	1,000
SW004 Implementation of US EPA Storm Water Regulations	Public Works	250	250	250	250
SW005 Combined Sewer Overflow Improvements	Public Works	1,500	1,500	1,500	1,500
SW011 Storm Drains and Tunnels Rehabilitation Program	Public Works	10,000	10,000	10,000	10,000
SW039 Flood Mitigation with Alternative Stormwater Mgmt	Public Works	3,000	3,000	3,000	3,000
SW99R Reimbursable Sewer & Storm Drain Projects	Public Works	2,000	2,000	2,000	2,000
SWK01 Defective Hazardous Sidewalks	Public Works	4,250	4,250	4,250	4,250
TR008 Parkway Street Light Replacement	Public Works	350	350	350	681



Project	Submitting Agency	Department Requested	CLIC Recommended	Mayor Recommended	Council Adopted
TR010 Traffic Management Systems	Public Works	1,300	1,300	1,300	1,300
TR011 City Street Light Renovation	Public Works	1,000	1,000	1,000	1,000
TR021 Traffic Signals	Public Works	1,750	1,750	1,750	1,750
TR022 Traffic Safety Improvements	Public Works	670	670	670	670
TR024 Pedestrian Street Lighting Corridors	Public Works	500	500	500	500
TR025 Sign Replacement Program	Public Works	720	720	720	720
TR99R Reimbursable Transportation Projects	Public Works	600	600	600	600
WTR12 Water Distribution Improvements	Public Works	7,450	7,450	7,450	7,450
WTR23 Treatment Infrastructure Improvements	Public Works	5,000	5,000	5,000	5,000
WTR24 Fridley Filter Plant Rehabilitation	Public Works	9,500	9,500	9,500	9,500
WTR25 Ground Water Supply	Public Works	2,000		2,000	2,000
WTR27 Remote Meter Reading Technology Upgrade	Public Works	1,800	1,800	1,800	1,800
WTR28 Ultrafiltration Module Replacement	Public Works	2,200	2,200	2,200	2,200
WTR29 Columbia Heights Campus Upgrades	Public Works	2,250		2,250	2,250
WTR9R Reimbursable Watermain Projects	Public Works	2,000	2,000	2,000	2,000
<b>Total</b>		<b>147,553</b>	<b>133,020</b>	<b>137,470</b>	<b>137,194</b>



Project	Submitting Agency	Department Requested	CLIC Recommended	Mayor Recommended	Council Adopted
ART01 Art in Public Places	CPED	660	660	660	660
BIK28 Protected Bikeways Program	Public Works	1,940	1,940	1,940	1,940
BR101 Major Bridge Repair and Rehabilitation	Public Works	400	400	400	400
BR112 Nicollet Avenue Reopening	Public Works	4,200	2,065		
BR127 Nicollet Ave over Minnehaha Creek	Public Works	19,780	19,780	19,780	19,780
IT004 Enterprise Infrastructure Modernization	IT Department	750	300		
MBC01 Life Safety Improvements	MBC	102	100	100	100
MBC02 Mechanical Systems Upgrade	MBC	820	820	820	820
PRK02 Playground and Site Improvements Program	Park Board	2,039	1,140	1,140	1,681
PRK33 Bryn Mawr Meadows Field Improvements	Park Board	1,910	1,649	1,649	700
PRKCP Neighborhood Parks Capital Infrastructure	Park Board	1,701	1,701	1,701	1,395
PRKDT Diseased Tree Removal	Park Board	300	300	300	300
PV001 Parkway Paving Program	Public Works	750	750	750	750
PV006 Alley Renovation Program	Public Works	250			
PV056 Asphalt Pavement Resurfacing Program	Public Works	7,655	5,925	5,925	5,925
PV059 Major Pavement Maintenance Program	Public Works	250	250	250	250
PV063 Unpaved Alley Construction	Public Works	200			
PV074 CSAH & MnDOT Cooperative Projects	Public Works	6,415		500	500
PV075 Development Infrastructure Program	CPED	500			
PV104 ADA Ramp Replacement Program	Public Works	1,000	1,000	500	500
PV108 Concrete Streets Rehabilitation Program	Public Works	1,350	500	500	500
PV113 29th St W Phase 2	Public Works	1,400	1,400	1,400	1,400
PV118 Hennepin Ave (Washington Ave N to 12th St S)	Public Works	4,915	4,915	4,530	4,530
PV99R Reimbursable Paving Projects	Public Works	3,500	3,500	3,500	3,500
SA001 Sanitary Tunnel & Sewer Rehabilitation Program	Public Works	3,750	3,750	3,750	3,750
SA036 Infiltration & Inflow Removal Program	Public Works	4,500	4,500	4,500	4,500
SA99R Reimbursable Sanitary Sewer Projects	Public Works	1,000	1,000	1,000	1,000
SW004 Implementation of US EPA Storm Water Regulations	Public Works	250	250	250	250
SW005 Combined Sewer Overflow Improvements	Public Works	1,500	1,500	1,500	1,500
SW011 Storm Drains and Tunnels Rehabilitation Program	Public Works	8,000	8,000	8,000	8,000
SW032 I-35W Storm Tunnel Reconstruction	Public Works	1,000	1,000	1,000	1,000
SW039 Flood Mitigation with Alternative Stormwater Mgmt	Public Works	3,000	3,000	3,000	3,000
SW99R Reimbursable Sewer & Storm Drain Projects	Public Works	2,000	2,000	2,000	2,000
SWK01 Defective Hazardous Sidewalks	Public Works	4,460	4,460	4,460	4,460
TR008 Parkway Street Light Replacement	Public Works	350	350	350	350
TR010 Traffic Management Systems	Public Works	650	650	650	650
TR011 City Street Light Renovation	Public Works	1,000	1,000	1,000	1,000
TR021 Traffic Signals	Public Works	2,000	2,000	2,000	2,000
TR022 Traffic Safety Improvements	Public Works	1,675	925	925	925
TR024 Pedestrian Street Lighting Corridors	Public Works	500	500	500	500
TR025 Sign Replacement Program	Public Works	895	895	895	895
TR99R Reimbursable Transportation Projects	Public Works	600	600	600	600
WTR12 Water Distribution Improvements	Public Works	7,550	7,550	7,550	7,550
WTR23 Treatment Infrastructure Improvements	Public Works	5,000	5,000	5,000	5,000
WTR25 Ground Water Supply	Public Works	2,000		2,000	2,000



## 2020 Capital Budget Decision Summary

Project	Submitting Agency	Department Requested	CLIC Recommended	Mayor Recommended	Council Adopted
WTR27 Remote Meter Reading Technology Upgrade	Public Works	1,700	1,700	1,700	1,700
WTR28 Ultrafiltration Module Replacement	Public Works	2,200	2,200	2,200	2,200
WTR29 Columbia Heights Campus Upgrades	Public Works	4,200		4,200	4,200
WTR9R Reimbursable Watermain Projects	Public Works	2,000	2,000	2,000	2,000
	<b>Total</b>	<b>124,567</b>	<b>103,925</b>	<b>107,375</b>	<b>106,661</b>