



# COMPREHENSIVE CAPITAL MAINTENANCE AND REPLACEMENT PLAN

For the perpetual maintenance and replacement  
of the City's capital assets





## **COMPREHENSIVE CAPITAL MAINTENANCE AND REPLACEMENT PLAN**

### **Acknowledgements**

#### **Warrenville City Elected Officials**

David L. Brummel, Mayor  
Emily Larson, City Clerk  
Bob Johnson, Treasurer

#### **Aldermen**

Stuart Aschauer, Ward 1  
Fred Bevier, Ward 1  
Bill Weidner, Ward 2  
Robert Wilson, Ward 2  
Dan Leonard, Ward 3  
Matthew Wiesbrock, Ward 3  
Clare Barry, Ward 4  
Leah Goodman, Ward 4

#### **Warrenville Appointed Officials**

John M. Coakley, City Administrator

#### **Senior Staff**

Mike Smith, Public Works Superintendent  
Phil Kuchler, Senior Civil Engineer  
Kevin Dahlstrand, Director of Finance

#### **Capital Maintenance and Replacement Plan Subcommittee**

(December 2010 – July 2011)

Alderman Dan Leonard, Chairman  
Alderman Stuart Aschauer  
Alderman Bill Weidner  
Alderman Matthew Wiesbrock  
Public Works Superintendent Mike Smith  
Senior Civil Engineer Phil Kuchler

# Table of Contents

- Introduction..... 6**
- SECTION 1: Capital Assets..... 8**
  - Transportation/Drainage/Lighting..... 8
    - Roadways*..... 8
    - Curbs, Gutters and Sidewalks* ..... 9
    - Pedestrian and Bicycle Paths/Lanes* ..... 9
    - Storm Sewer System*..... 9
    - Street Lights*..... 9
    - Bridges*..... 10
  - City Vehicles and Equipment..... 10
    - Administrative*..... 10
    - Police Department*..... 10
    - Public Works*..... 11
    - ESDA* ..... 11
  - City Facilities – Building, Grounds, and Building Equipment ..... 11
    - Cerny Park Hudetz Pavilion and Ramadas*..... 11
    - Albright Studio*..... 11
    - Gazebo* ..... 12
    - Building Contents (Equipment) and Exterior Hard Surfaces*..... 12
    - Municipal Buildings* ..... 12
- SECTION 2: Capital Maintenance and Replacement Program Policies ..... 12**
  - Upgrades, New Additions, Large Changes to the CMRP ..... 12
  - Maintenance and Replacement..... 13

Newly Dedicated Streets and Related Infrastructure .....	13
Funding Levels .....	13
<b>SECTION 3: Financial/Funding Sources .....</b>	<b>14</b>
Dedicated Revenues .....	14
<i>Amusement Tax</i> .....	14
<i>Simplified Telecommunications Tax</i> .....	14
<i>Road and Bridge Property Tax</i> .....	14
<i>Electric Utility Tax</i> .....	14
<i>Natural Gas Utility Tax</i> .....	15
<i>Local Motor Fuel Tax</i> .....	15
<i>City Hotel Motel Fund Tax Revenue</i> .....	15
Grant Opportunities.....	15
Other Sources of Funding .....	15
<i>Tax Increment Financing (TIF)</i> .....	15
<i>Seized Assets/Forfeiture Revenue</i> .....	16
<b>SECTION 4: Annual Process for Review Capital Maintenance and Replacement Plan.....</b>	<b>16</b>
<b>SECTION 5: Glossary .....</b>	<b>16</b>
<b>SECTION 6: Appendices A-F - Asset Listings and Replacement Schedules .....</b>	<b>17</b>

September 6, 2011

Honorable Mayor and City Council  
City of Warrenville  
3S258 Manning Avenue  
Warrenville, IL 60555

Honorable Mayor and City Council:

The City's first Comprehensive Capital Maintenance and Replacement Plan for the ongoing maintenance and replacement of existing City capital asset obligations is herewith transmitted. Capital assets included in this Plan refer specifically to: roadways, vehicles/equipment, storm sewers, street lights, and curb, gutter and sidewalks. The Capital Maintenance and Replacement Plan (CMRP) entails the projected annual expenditures of \$1,975,318.

The CMRP herein presented, is based upon the assumption of various levels of annual funding of the existing obligations as identified and quantified by the Capital Maintenance and Replacement Plan Committee (CMRPC). The funding levels represent the annual funding necessary to provide for the maintenance of all of the existing annual capital expenditures for each of the groups of City assets. The long-term funding resources as identified are projected to maintain and support the long-term funding of this CMRP.

This Plan is the culmination of several years of work by staff and elected officials. While this first Comprehensive Capital Maintenance and Replacement Plan is now complete, it will never be done. This CRMP document, including the capital assets and funding, should be reviewed at least annually by the City Council during the City budget review process and adjustments made as required.

Appreciation and acknowledgement goes to Public Works Superintendent Smith, Senior Civil Engineer Kuchler and Director of Finance Dahlstrand, for their substantial contributions to this CRMP, along with the members of the Capital Maintenance and Replacement Plan Committee for the hours of work they dedicated to the review and planning efforts.

Respectfully submitted,

John M. Coakley  
City Administrator/Acting Public Works Director

## ***Introduction***

The City of Warrenville’s Capital Maintenance and Replacement Plan (CMRP) is a comprehensive plan for the long-term maintenance and replacement of *existing* City capital asset obligations. The CMRP is needed because in order “to provide efficient and effective services, a local government must maintain, repair, and periodically replace or rehabilitate equipment, facilities, and infrastructure.<sup>1</sup>” The CMRP is necessary for anticipating and planning for the maintenance of the physical infrastructure and capital assets of the City, which are used to service the residents of the Warrenville, as well as visitors.

Capital improvement includes the maintenance, repair, rehabilitation, or replacement of the City’s existing capital assets, including: roadways, storm sewers, street lights, equipment (in City facilities), vehicles, and curb, gutter and sidewalks. For the purpose of this CMRP, a “capital improvement” is defined as a single capital asset having a value of at least \$10,000 and lasting a minimum of three (3) years for vehicles and equipment and ten (10) years for infrastructure, but there are some exceptions to this minimum level including equipment located within and around City facilities and buildings. Examples of “capital improvements” include: replacement of City vehicles or major maintenance of current City properties and infrastructure.

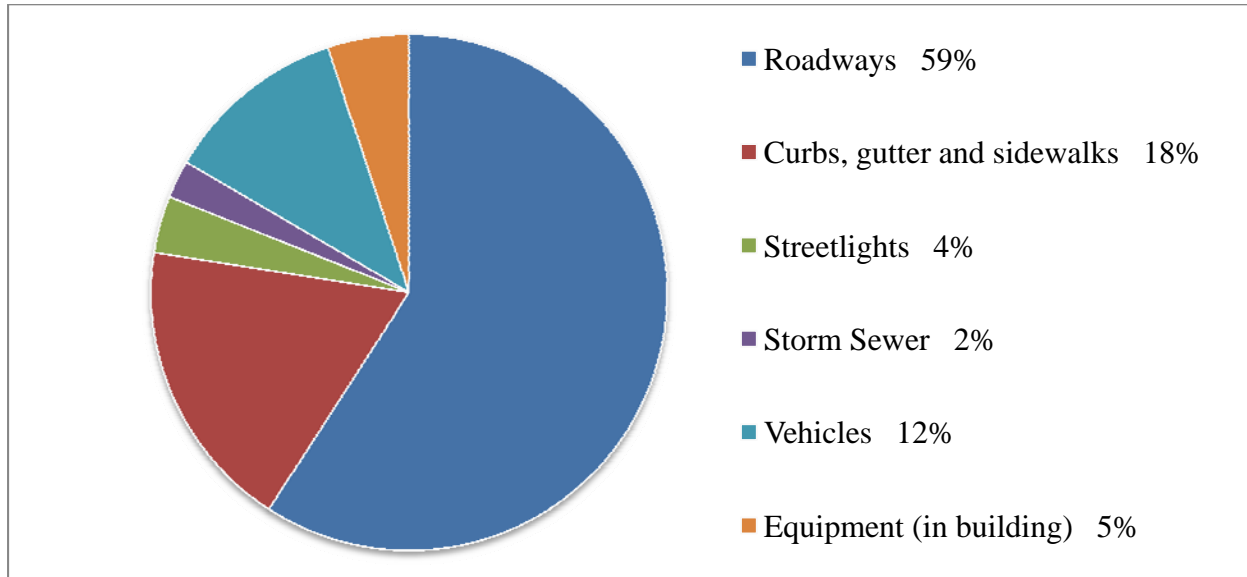
The process for developing a CMRP such as this includes identifying and listing existing capital assets, assigning a lifecycle to each, determining replacement costs, reviewing revenues against costs, and identifying the funding level. The lifecycle or “useful service life” of a capital asset is the amount of time the asset will be in a good enough condition to provide the service it is supposed to before it needs to be replaced. The “funding level” is the amount of money the City needs to put away each year so that when an asset needs to be replaced, the money is available to do so. With the CMRP, the City is annually putting away a proportional amount as determined to be adequate to replace a particular capital asset when that asset reaches its lifecycle.

The City has no long-term general obligation (G.O.) debt, for which the City would issue bonds that would have to be paid off with interest. These bonds would also be guaranteed by a pledge of higher property taxes. The City Council has the goal of maintaining that status of no long-term G.O. debt. Therefore, the City has instituted a “pay-as-you-go” plan. This means that debt is not used for capital projects, *i.e.* the City will not issue bonds to do annual maintenance work. The debt being referred to is at a later date. The City does utilize inter-fund transfers such as money from the Enterprise Fund (water/sewer fund) into the CMRP. Doing this saves on interest. The Plan is designed so that revenue is collected for current annual expenses as well as over time for larger replacements. This is done because infrastructure and equipment maintenance is an ongoing need – not a one-time need.

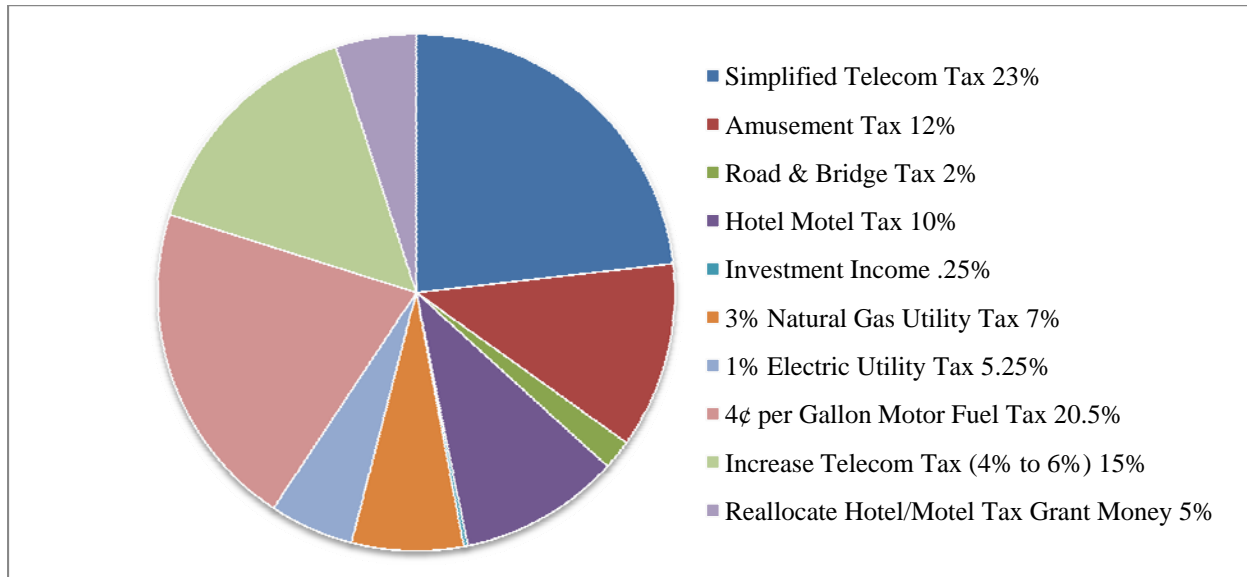
### Footnote:

<sup>1</sup> ICMA PRESS - CAPITAL BUDGETING AND FINANCE

This Plan funds existing capital assets. The City’s existing capital assets are primarily made up of roadways, accounting for over half of the Plan’s expenditure demands at 59%.



In order to ensure a stable revenue stream to fund this Plan into the future, the revenue mix must be diverse. This Plan utilizes a mix of revenue streams including utility taxes, hotel/motel tax, gasoline tax and amusement tax.



The CMRP provides an effective tool for the City to reach long-range capital investment goals that fall within the City’s financial capabilities. The Plan also provides a means of coordinating requests from City departments, in an effort to avoid wasteful overlap, duplication of efforts, and delays in execution of capital maintenance projects. Further, it serves as a tool to coordinate with

other jurisdictions when doing capital maintenance and replacement projects within City limits, such as state or county roadway improvements.

By identifying and quantifying the City's ongoing capital maintenance needs, the elected officials and City staff can make proactive, long-term beneficial budgetary decisions and identify revenue sources for the various demands. The City Council has the ability to revise priorities, change the order of projects or add projects based on the projected budget. Each year, through and in coordination with the annual budget process, the Capital Maintenance and Replacement Program will be reviewed, and revised as necessary. This annual review allows City staff and the City Council to adjust to dynamic economic circumstances, and changes in community priorities and citizen service level demands.

## **SECTION 1: Capital Assets**

### ***Transportation/Drainage/Lighting***

The City of Warrenville's transportation system includes 51 miles of roadways, 37 miles of curb and gutter, and 50 miles of sidewalks or bike paths. The streets are classified as arterials, major collectors, neighborhood collectors or residential streets. The system also includes 198 concrete street light poles, 310 traditional new standard street light poles, and 238 Cantera light poles.

The City does not own or maintain any traffic signals. The signals within the City are owned by the Illinois Department of Transportation (IDOT) or the DuPage County Division of Transportation (DuDOT). Where City-owned streets comprise a portion of a signalized intersection, the City is generally a party to an agreement defining the financial responsibilities of the agencies involved.

### ***Roadways***

To protect the long-term capital investment of the City's roadways, it is necessary to regularly maintain the streets. Methods of maintenance for asphalt surfaces include: crack sealing, micro-surfacing, pavement patching, and structural overlays. In cases of severe deterioration, total reconstruction of the pavement is necessary. In order to minimize costs of replacing streets, in 2000, the City Council approved a 15-year resurfacing cycle for the Warrenville roadway system. The goal was to have every mile of roadway in the City receive a maintenance treatment over the course of 15 years.

Public Works and engineering staff regularly monitors and evaluates the condition of all components of the roadway system to ensure that the lifecycle estimates are correct and to determine if the roadway needs maintenance at the time this Plan targets. This approach allows staff to update the maintenance plans of the roadway system each year. The useful life assumption for this category is 15 years and the annual funding level is

100%. The costs outlined in the schedule include construction costs as well as engineering design and construction services (see schedule in Appendix A).

### ***Curbs, Gutters and Sidewalks***

The City's roadways and drainage are a mixture of urban and rural cross-sections. Improvements continue to be made to the transportation system, transforming rural roadway cross-sections with ditches into urban cross-sections with curb, gutter, and storm sewer. The City has a significant amount of curb, gutter, and sidewalks that were originally installed in the 1970's and are due for replacement. This Plan designates a 40-year useful life assumption for this group of City assets funded at 100% (see schedule in Appendix B).

### ***Pedestrian and Bicycle Paths/Lanes***

Pedestrian and bicycle use is enhanced and encouraged through the development of pathway/bike lane projects. These projects help alleviate traffic congestion, air pollution and contribute to a sense of community by providing an alternate mode of transportation. The City has developed a Bikeway Implementation Plan that has identified opportunities to enhance and add to the extensive City system and provides for connections to DuPage County and Forest Preserve District trails.

Most paths that transverse the City are owned and maintained by other agencies or private property owners. Existing paths that are maintained by the City have a 40-year lifecycle and have been incorporated into the curb, gutter, and sidewalk costs noted above (see schedule in Appendix B).

### ***Storm Sewer System***

The City's storm sewer system plays a vital role in the transportation system by draining storm water from the public right-of-ways, and that which is conveyed from and private and public properties. The system removes the water from the roadways and alleviates flooding of flood-prone areas. The transportation system includes 30 miles of storm sewers.

Given the longer life of this group of City assets, funding of the long-term annual maintenance is preferable to funding the longer-term replacement of this extended life infrastructure system. The useful life assumption for this category is 100 years and the funding level is 20% (see schedule in Appendix C).

### ***Street Lights***

Street lights are an important component of the City's transportation system, lighting the right-of-way for the safety of vehicular, bicycle and pedestrian traffic. The City utilizes three different types of light poles. The concrete street light poles have a replacement cost

of \$2,000 and a 30-year lifecycle. The decorative, “antique” street light poles have a replacement cost of \$1,500 and a 20-year lifecycle. The Cantera light poles have a replacement cost of \$5,000 and a 35-year lifecycle. While the useful life assumptions are based on the type of light pole, the funding level is consistent at 100% (see schedule in Appendix D).

### ***Bridges***

Due to the long lifecycle of these assets and the likelihood of securing grant funding, this Plan does not include the replacement of the two bridges that are owned and maintained by the City (Williams Road and Mack Road). This Plan articulates a policy that any asset with a lifecycle of over 70 years is not funded at 100%. Some assets are funded partially to account for the usage by today’s generation and others are not funded at all, with the responsibility of that replacement on the future generation.

## ***City Vehicles and Equipment***

### ***Administrative***

Administrative vehicles are utilized by the departments located in City Hall to travel for City business such as meetings, seminars or conferences as well as to conduct property maintenance/code enforcement and building inspection activities. The less intensive use of these vehicles provides for a longer service life and the opportunity to utilize retired vehicles from the Police Department. The City vehicles utilized by the Finance, Community Development and Administration departments have been inventoried and assigned lifecycles and replacement costs. These lifecycles and replacement costs vary depending on the type of vehicle and its use.

### ***Police Department***

The various City vehicles utilized by the Police Department have been assigned lifecycles and replacement costs have been determined. These lifecycles and replacement costs vary depending on the type of vehicle and its use. Squad cars have a high intensity use requiring higher rates of speed, maneuverability, 24/7 operation and exposure to extreme weather conditions. These vehicles, which are used primarily for patrol duties, are scheduled to be replaced no earlier than 90,000 miles or three years, whichever is later. Tactical units, which are unmarked cars used by the Problem Oriented Policing (POP) undercover unit, and investigative vehicles, used by the detectives, have been programmed with an eight-year useful service life. Vehicles assigned to primary police support duties include the Community Service Officer and the Animal Control Officer vehicles as well as those that serve administrative purposes, including those assigned to the Police Chief, Deputy Chiefs, and Detective Sergeant, have been programmed with a minimum useful service life of ten years.

Upon reaching the end of the programmed useful service life for a given vehicle, the vehicle will be evaluated by the City Mechanic in conjunction with the Police Department command staff. The purpose of this evaluation is to determine if the vehicle scheduled for replacement needs to be replaced or if it is in good enough condition to remain in service for an extended period of time. This evaluation process applies to all groups of Police Department vehicles. While the useful life assumptions are based on the type of vehicle, the funding level is consistent at 100% (see schedule in Appendix E).

### ***Public Works***

The heavy duty vehicles used in the Public Works Department include commercial vehicles that must be driven in all weather conditions and on all types of terrain. The various City vehicles and equipment utilized by Public Works have been assigned lifecycles and replacement costs have been determined. While the useful life assumptions are based on the type of vehicle, the funding level is consistent at 100% (see schedule in Appendix E).

### ***ESDA***

Emergency Services Disaster Agency (ESDA) vehicles are generally repurposed vehicles, which were previously utilized by other City departments. Therefore, these vehicles are not included in the replacement schedules of the CMRP.

## ***City Facilities – Building, Grounds, and Building Equipment***

### ***Cerny Park Hudetz Pavilion and Ramadas***

Cerny Park, located along Forestview Drive South between River Road and Warren Avenue, is a 6.3 acre City Park. Located within Cerny Park is the John Hudetz Pavilion, constructed over several years from the 1970's through the 1990's. The posts of the shelter were constructed in the 1970's. In 1999, the Pavilion was enhanced with the addition of bathrooms, a storage area and mechanicals. The useful life of this facility has been programmed at 75 years with a funding level of 100% (see schedule in Appendix F). *Note the playground equipment is included with the "Building Contents (Equipment)" category.*

### ***Albright Studio***

In 1981, the City acquired the former Methodist church that also once served as a studio and gallery for artist Adam Emory Albright, among other things. After an extensive renovation, a portion of the studio became home to the Warrenville historical museum. In 2001, the entire building was made available to the Historical Society for use as the museum. Located at 3S530 Second Street, the building is provided to the Historical Society under a perpetual lease. The City is responsible for utilities (except phone), alarm

services, cleaning of the restrooms, building structural maintenance/upgrades and insurance coverage. The useful life of this facility has been programmed at 50 years with a funding level of 100% (see schedule in Appendix F).

### ***Gazebo***

In June 1989, the City received the Gazebo, technically located in Albright Park, as a gift from the Warrenville Chapter of the Kiwanis Clubs of America. Albright Park encompasses the City Hall Stafford Place parking lot and the grassy area between the Gazebo and the Illinois Prairie Path. In conjunction with acceptance of the Gazebo, the City Council approved a rental policy for public use. The Gazebo is maintained by the City and includes stone and concrete walkways on either side, wooden benches on the interior, a cement floor and shingled roof. The useful life of this facility has been programmed at 75 years with a funding level of 100% (see schedule in Appendix F).

### ***Building Contents (Equipment) and Exterior Hard Surfaces***

Building contents (i.e. mechanicals and equipment) and associated hard surfaces (i.e. parking lots, walkways and driveways) are a large group of varying City assets, which are component parts of the various City buildings and facilities. This group of assets includes, but is not limited to: building roofs, HVAC equipment, Cerny Park playground equipment, generators, and flooring. This equipment has been assigned a useful life based on the various equipments' use with an annual funding level of 100% (see schedule in Appendix F).

### ***Municipal Buildings***

Due to the long lifecycle of these assets, this Plan does not include the replacement of municipal buildings (City Hall, Police Station and Public Works Facility). This Plan articulates a policy that any asset with a lifecycle of over 70 years, such as these buildings, is not funded at 100%. These buildings are not funded at all, with the responsibility of that replacement on the future generation.

## **SECTION 2: Capital Maintenance and Replacement Program Policies**

### ***Upgrades, New Additions, Large Changes to the CMRP***

New capital additions (including all capital assets such as infrastructure and equipment) will only be added into the CMRP after all of the following conditions are met: 1) the new capital addition is approved by the City Council, 2) a funding source is identified and quantified for the initial cost of the new addition, and 3) a *sustainable* funding source is identified and quantified for the on-going maintenance of the new infrastructure or equipment. An example of a new addition is streets and related infrastructure installed by developers with the expectation of transferring the long-term maintenance responsibility

to the City. Pavement and infrastructure associated with new developments in the City are typically designed and constructed per City Code and specifications. City staff reviews the plans during the permit process; and performs inspections during construction to verify they are being constructed per the approved plans.

When existing infrastructure, such as a private roadway, is proposed to be conveyed to the City, staff will conduct a detailed physical analysis of the pavement or infrastructure. Based on the analysis, staff will develop a recommendation on whether or not the City should accept ownership and maintenance of the infrastructure and include any conditions associated with the recommendation.

***Maintenance and Replacement***

After a funding source is identified for the initial purchase or installation, a sustainable funding source must be identified for the on-going yearly maintenance costs attributable to the newly proposed asset. The useful life and funding level assumptions for the category (i.e. roadways) of asset must be established by the City Council.

***Newly Dedicated Streets and Related Infrastructure***

Newly dedicated streets and related infrastructure are to be incorporated into the existing CMRP. It may be necessary to conduct a detailed physical analysis of the new street or infrastructure to determine the remaining useful lifecycle of the asset. But in general, the useful life and funding levels assumptions for the class of asset is to be applied as indicated later in this document. A physical analysis will not be required if the asset is newly constructed and the City was involved in the oversight of the installation.

***Funding Levels***

The percentage of the funding level for a specific category of capital asset was determined by the length of its assigned lifecycle of these assets and the likelihood of securing grant funding. Assets of 40 years or less are funded at 100%. Any asset with a lifecycle of over 70 years is not funded at 100% - with some such assets funded partially to account for the usage by today’s generation and others are not funded at all, with the responsibility of that replacement on the future generation. The funding levels are listed below:

<b>Lifecycle</b>	<b>Percent Funding in CMRP</b>
up to 39 years	100%
40 years	100%
70 + years	Variable – see below
• Municipal buildings	0%
• City-owned bridges	0%
• Storm Sewer System	20%

## **SECTION 3: Financial/Funding Sources**

### ***Dedicated Revenues***

#### ***Amusement Tax***

The City of Warrentville Amusement Tax is a locally administered 5% tax on all persons operating amusements within the corporate limits of the City, and upon all persons operating places of amusement or amusement facilities (City Code 3-12-2). A “locally administered tax” is a tax imposed by a unit of local government that is collected or administered by a unit of local government and not an agency or Department of the State.

Forty percent of this revenue source is allocated to the General Fund, and is generally used for non-capital expenditures. The General Fund provides funding for all of the City's general programs and day-to-day operations, which includes all personnel related expenses for the employees who provide the City services. The remaining 60%, is allocated to the CMRP, and is a funding source for the acquisition of capital equipment and the replacement of capital infrastructure.

#### ***Simplified Telecommunications Tax***

The City of Warrentville Simplified Telecommunications Tax is a tax for the act or privilege of originating or receiving telecommunications in the City. Effective July 1, 2012, the rate of this tax was increased to the maximum 6% (adopted in March 2012) allowable by state statute. One hundred percent of the rate increase was dedicated to the funding of the CMRP.

As of July 1, 2012, 6.67% of this revenue source will be allocated to the General Fund for operating and other non-capital expenditures. The remaining 83.33% will be allocated to the CMRP expenses for the maintenance and replacement of capital assets.

#### ***Road and Bridge Property Tax***

The City of Warrentville Road and Bridge tax is a component of property tax revenue, and is utilized to provide support funding for the road and bridge work component of the CMRP. A total of \$37,000 is transferred annually to the CMRP for the funding of road and bridge improvement projects.

#### ***Electric Utility Tax***

The Electric Utility tax is a use tax, with users charged on a per kilowatt-hour (kWh) basis. Since the tax is based on per kWh, the revenue that is generated is related to the amount electricity used and not to the electricity rate. For comparison purposes with other communities, the rate approximates a 1% tax. One-hundred percent of the revenue the City derives from this revenue source is dedicated to the funding of the CMRP.

### ***Natural Gas Utility Tax***

The Natural Gas Utility Tax is a use tax levied at a rate of 3% on delivery costs and natural gas costs. One-hundred percent of the revenue the City derives from this source is dedicated to the funding of the CMRP.

### ***Local Motor Fuel Tax***

The City of Warrenville Local Motor Fuel or gasoline tax is a use tax currently levied at a rate of 4¢ per gallon of gasoline purchased within the City of Warrenville. One-hundred percent of the revenue the City derives from this source is dedicated to the funding of the CMRP.

### ***City Hotel Motel Fund Tax Revenue***

Under state statute 65 ILCS 5/8-3-14, Hotel Motel Tax revenue must, “be expended by the municipality solely to promote tourism and conventions within that municipality or otherwise to attract non-resident overnight visitors to the municipality.” However, with the passage of Home Rule in 2004, the City is able to use this revenue as needed, such as funding capital projects and equipment. Council annually decides how much of the Hotel Motel tax revenue is transferred over to the CMRP above the set \$300,000.

## ***Grant Opportunities***

The City of Warrenville pursues Federal, State and other grant opportunities for applicable capital projects whenever possible. This includes grant funding that is 100% funding, or where a local share (cost sharing) component is required. The City must compete with other agencies for the limited amount of state and federal funds available. Allocation of these funds generally takes years, though there have been occasions where more immediate funding was made available for “shovel-ready” projects. The City will be proactive in the planning and engineering of projects, so design is developed enough to take advantage of grant funding opportunities.

## ***Other Sources of Funding***

### ***Tax Increment Financing (TIF)***

Tax Increment Financing (TIF) funding is provided for capital improvement projects located within the specific, or contiguous, tax increment financing district. Tax Increment Financing is a local economic development tool, created by the state, giving municipalities the authority to designate areas of the community as TIF Districts for the purpose of eradicating deteriorated conditions and to undertake redevelopment, rehabilitation, and conservation measures within the District. Council policy for the existing TIF District has been to utilize TIF funds to upgrade infrastructure including roadways, curbs, gutters and sidewalks.

Generally speaking, the available TIF revenue is the incremental property tax revenue received above the base, or frozen, equalized assessed valuation of the property located within the TIF District at the time of the District's formation. TIF revenue is limited to use for projects located within the given TIF District boundaries. Meaning, TIF dollars can only be used for projects in the TIF District.

### ***Seized Assets/Forfeiture Revenue***

Seized/forfeiture of asset proceeds includes property that was allegedly used to facilitate crime, for example cars allegedly used to transport illegal narcotics. The proceeds from these seized assets are required to be utilized for drug enforcement efforts. The City maintains a separate fund to account for the proceeds the City receives as a result of law enforcement activities. The City uses this fund to purchase a single vehicle utilized for enforcement efforts. This vehicle is replaced only through the use of this fund and not through any other existing City fund or funding source. Therefore, the vehicle has not been included in this Plan, except as a note on the Police Department vehicle schedule (Appendix E- Schedule PDV).

## **SECTION 4: Annual Process for Review Capital Maintenance and Replacement Plan**

Annually, in conjunction with preparation of the operating budget, the CMRP will be reviewed, revised and updated to include the most recent anticipated expenditures for that coming fiscal year, and any adjustments to the long-term annual maintenance costs for existing infrastructure. Annually, capital expenditures average between 50% and 55%, of all city-wide expenditures. The City of Warrenville has a standard practice of “pay-as-you-go” financing to cover the cost of capital expenditures. The annual review is necessary to ensure that revenue meets obligations.

## **SECTION 5: Glossary**

**Capital improvements:** the maintenance, repair, rehabilitation, or replacement of the City's existing capital assets, including roadways, storm sewers, street lights, equipment (in City facilities), vehicles, and curb, gutter and sidewalks.

**Lifecycle or useful service life:** the amount of time the capital asset will be in a good enough condition to provide the service it is supposed to before it needs to be replaced.

**Funding level:** the amount of money the City needs to put away each year so that when an asset needs to be replaced, the money is available to do so.

**Capital asset:** a single capital asset having a value of at least \$10,000 and lasting a minimum of three years for vehicles and building equipment and ten years for infrastructure, with some exceptions.

## **SECTION 6: Appendices A-F - Asset Listings and Replacement Schedules**

*Appendix A – Roadways and Storm Sewer - Schedule “RSS”*

*Appendix B – Street Lights – Schedule “SL”*

*Appendix C – Curbs, Gutters and Sidewalks- Schedule “CGS”*

*Appendix D – Public Works Vehicles and Equipment – Schedule “PWV”*

*Appendix E – Police Department Vehicles - Schedule “PDV”*

*Appendix F – Building Contents (Equipment) and Exterior Hard Surfaces- Schedule “BE”*

**Estimated Capital Expenses  
Roadways, Street Lights, Storm Sewer  
Projections from Calendar year 2010 - 2024**

Year	Road Cost	Engineering	General Maintenance <small>(Citywide Patching)</small>	Total calendar year cost
2010	\$ 633,600	\$ 95,040	\$ 50,000	\$ 778,640
2011	1,624,979	243,747	50,000	1,918,726
2012	1,631,656	244,748	50,000	1,926,404
2013	1,530,540	229,581	50,000	1,810,121
2014	1,468,016	220,202	50,000	1,738,218
2015	1,491,600	223,740	50,000	1,765,340
2016	1,016,334	152,450	50,000	1,218,784
2017	1,045,440	156,816	50,000	1,252,256
2018	779,108	116,866	50,000	945,974
2019	413,930	62,090	50,000	526,020
2020	814,022	122,103	50,000	986,125
2021	262,680	39,402	50,000	352,082
2022	345,536	51,830	50,000	447,366
2023	570,275	85,541	50,000	705,816
2024	688,556	103,283	50,000	841,839
TIF Roads	265,461	39,819		
<b>Totals</b>	<b>\$ 14,581,733</b>	<b>\$ 2,187,260</b>	<b>\$ 750,000</b>	<b>\$ 17,213,713</b>

Yearly Average \$ 972,116 \$ 145,817

Yearly Average Road and Engineering \$ 1,117,933  
Yearly Average Maintenance Cost 50,000

**TOTAL Average Yearly Roadways \$ 1,167,933**

**Street Light Average Yearly cost 70,450**

**Storm Sewer Average Yearly Maintenance Cost @ 20% Funding Level 47,029**

**City Roadways - Detail  
Resurface Costs - 2011**

**Estimated Cost Per Square Yard - \$22**

**Sq. Yards  
Per Segment**

Albert Einstein Drive	1,354	29,788
Adam Albright Street off Landon Drive	1,760	38,720
Alley and Parking for Museum	549	12,078
Angeline Court	1,067	23,474
Arbury Court	907	19,954
Arlington Court	1,173	25,806
Arthur Compton Court	933	20,526
Ascot Lane	1,440	31,680
Attleboro Court	800	17,600
Aurora Way	1,733	38,126
Avon Court	1,000	22,000
Avon Drive from Mack Road to Huntington Drive	2,800	61,600
Avondale Court	1,013	22,286
Barkley Avenue from Rte 56 to Sunset	6,376	140,272
Batavia Road from Fermi to Rte 59	9,133	200,926
Batavia Road from Rte 56 to Rte 59	20,200	444,400
Batavia Road from Rte 56 to Warrenville Road	10,880	239,360
Bayview Court	2,867	63,074
Bedford Court	553	12,166
Bedford Lane	3,307	72,754
Behrs Circle East, West, South	4,693	103,246
Bella Vista Parkway	9,900	217,800
Birchwood from Butternut to Blackthorne	2,556	56,232
Blackthorne Lane	2,057	45,254
Branch from Continental to Rte 59	5,973	131,406
Briarwood from White Oak Drive to Butternut Lane	3,667	80,674
Briggs Avenue	2,400	52,800

**City Roadways - Detail  
Resurface Costs - 2011**

Bristol Lane	1,583	34,826
Brookside Court	560	12,320
Buckthorn Court	1,010	22,220
Bulger Court	3,200	70,400
Burke Avenue from Rogers Avenue to Townline Road	1,100	24,200
Burke Avenue from Warrenville Road to dead end	4,324	95,128
Butternut Lane	1,867	41,074
Calumet from Barkley to Talbot	4,100	90,200
Calumet from Rockwell to Cul-de-sac	6,000	132,000
Candlewood Lane	2,701	59,422
Carpenter Court	1,120	24,640
Cedar Court	948	20,856
Central from Haylett to West Avenue	5,800	127,600
Cerny Circle	825	18,150
Cerny Road	872	19,184
Chase Court	2,293	50,446
Cherice Drive	1,333	29,326
Concord Court	853	18,766
Connector Road	1,900	41,800
Continental Middle Summerlakes	16,078	353,716
Continental North Batavia to Mack Road	10,193	224,246
Cottonwood Court	689	15,158
Country Ridge Drive	4,222	92,884
Curtis Avenue from Warrenville Road to Ferry Road	10,080	221,760
Curtis Avenue from Warren Avenue to Warrenville Road	3,422	75,284
Cynthia Court	1,289	28,358
Cynthia Drive	4,533	99,726
Danbury Drive	1,258	27,676
Dedham Court	1,067	23,474
Deerfield Lane	1,389	30,558

**City Roadways - Detail  
Resurface Costs - 2011**

Dogwood Court	689	15,158
Dorchester Court	750	16,500
Elizabeth Avenue from Galusha to Warrenville Road	2,933	64,526
Elmwood Court	1,066	23,452
Emerald Green Drive	10,794	237,468
Enrico Fermi Court	1,833	40,326
Essex Road from Huntington Drive to Kensington Drive	3,231	71,082
Estes Street	3,900	85,800
Everett Court	987	21,714
Fairfax Court	339	7,458
Forest Lane	2,260	49,720
Forestview North	5,800	127,600
Forestview South from River Road to dead end	6,600	145,200
Fourth Street from Batavia to Warrenville Road	3,395	74,690
Fowler Circle	3,520	77,440
Foxboro Court	1,600	35,200
Frontage Road from EJE tracks to Barkley Avenue	5,300	116,600
Galbreath Drive	2,773	61,006
Galusha from Winfield Road to Herrick Road	12,728	280,016
Gates Place	1,353	29,766
Glen Drive North	2,044	44,968
Glen Drive South	4,400	96,800
Glenhurst Court	1,173	25,806
Green Brook Court	1,466	32,252
Greenbriar Lane	1,050	23,100
Greenview Avenue from Winfield Road to Virginia Avenue	3,933	86,526
Grove Lane	4,200	92,400
Hampton Drive	1,333	29,326
Harvard Drive	1,972	43,384
Harvest Court	1,000	22,000

**City Roadways - Detail  
Resurface Costs - 2011**

Hawthorne Lane	3,194	70,268
Haylett Avenue from Galusha to Central Avenue	1,644	36,168
Haylett Avenue north of Galusha	2,480	54,560
Heather Court	1,013	22,286
Holyoke Court	907	19,954
Home Avenue from Meadow Avenue to City limits	950	20,900
Huntington Drive from Manchester Lane to Essex	4,306	94,732
Hurlingham Court	444	9,768
Hurlingham Drive	2,694	59,268
Iroquois Court North *	1,566	170,945
Iroquois Court South *	1,566	170,945
Iroquois Court West *	1,466	160,936
Ivan Albright of 59	2,500	55,000
Jefferson Street from Winfield Road to Second Street	1,000	22,000
John Bardeen Drive	830	18,260
Juniper Court	871	19,162
Kensington Drive	3,200	70,400
Kline Circle	2,213	48,686
Lakeview Court	1,222	26,884
Lakeview Drive from Continental Drive to Barkley Avenue	5,361	117,942
Landon Drive from Aurora Way to Townline Road	6,089	133,958
Laurel Court	1,200	26,400
Leominster Court	1,350	29,700
Lexington Court	1,100	24,200
Linden Sq	907	19,954
Lindenwood Drive	1,200	26,400
Lorraine Avenue from Galusha to Warrenville Road	3,289	72,358
Lynn Court	933	20,526
Mack Road from Rte 59 to Manchester Lane	7,967	175,274
Mack Road Rte 59 to the river	2,000	44,000

**City Roadways - Detail  
Resurface Costs - 2011**

Main Street from Rockwell Street to Batavia Road	7,950	174,900
Main Street from Rockwell Street to Mignin Drive	1,244	27,368
Main Street from Winfield Road to Second Street	1,840	40,480
Malvin Albright Street	1,556	34,232
Manchester Lane from Huntington Drive to Mack Road	2,176	47,872
Manning Avenue from Warren Avenue to Batavia Road	793	17,446
Manning Avenue from Warren Avenue to Warrenville Road and in front of City Hall	4,323	95,106
Manning from Mount Street to Ray Street	818	17,996
Maple Court	587	12,914
Maplewood Court	622	13,684
Maplewood Drive	1,858	40,876
Marie Curie Lane	1,470	32,340
Mayfair Court	1,314	28,908
McCormick Lane	1,786	39,292
Meadow Avenue from Rte 59 to Home Avenue	1,964	43,208
Melcher Avenue from Galusha to Warrenville Road	4,111	90,442
Mignin Drive from Main Street to Warrenville Road	2,000	44,000
Mignin Drive South	4,800	105,600
Millard Circle	1,389	30,558
Mount Street	440	9,680
Needham Court	3,200	70,400
Oakwood Court	1,200	26,400
Old City Hall Parking lot	1,933	42,526
Oxford Drive	1,525	33,550
Parking along Stafford Place	977	21,494
Parking on Batavia Road - Tracy to Manning	711	15,642
Parking on Mignin Drive - Soccer field - VFW	231	5,082
Parking on Riverview Drive	158	3,476
Parking on Rockwell Street - VFW Field	250	5,500

**City Roadways - Detail  
Resurface Costs - 2011**

Parking on Tracy Place and Warren Avenue	712	15,664
Parkview Avenue from Haylett Avenue to Virginia Avenue	2,844	62,568
Patterman Road from Frontage Road to dead end	4,489	98,758
Penny Lane	8,400	184,800
Pierre Curie Drive	1,601	35,222
Plum Court	472	10,384
Police Dept. - rear parking area and Sipla Drive.	816	17,952
Prairie Avenue Patterman Road to City limits	1,422	31,284
Princeton Court	448	9,856
Public Works Garage Parking - rear lot	1,454	31,988
Ray Street from Curtis Avenue to Rockwell Street	3,067	67,474
Redwood Court	933	20,526
Ridge Drive	1,667	36,674
Ridgewood Court	853	18,766
River Oaks Drive	5,500	121,000
Riverside Avenue from Batavia Road to Branch Avenue	6,038	132,836
Riverside Pkwy	1,689	37,158
Riverview Drive	1,600	35,200
Rockwell Street from Batavia Road to Calumet Avenue	1,650	36,300
Rockwell Street from Main Street to Warrenville Road	1,888	41,536
Rockwell Street from Rte 56 to Ray Street	1,444	31,768
Rogers Avenue from River Road to Burke Avenue	6,884	151,448
Roxbury Court	987	21,714
Saddle Ridge Court	488	10,736
Saddle Ridge Drive	3,957	87,054
Sanchez Drive from Branch Avenue to Batavia Road	6,773	149,006
Second Street from Main Street to Warrenville Road	3,178	69,916
Seraph Holmes	1,600	35,200
Shaw Drive	3,867	85,074
Sheffield Lane	1,389	30,558

**City Roadways - Detail  
Resurface Costs - 2011**

Small Tree Court	640	14,080
Sova Lane	1,667	36,674
Spruce Court	778	17,116
Stafford Place from Rockwell Street to Batavia Road	3,600	\$ 79,200
Steadman Avenue	889	19,558
Stevens Court	1,877	41,294
Sunset Court	733	16,126
Sunset Drive	3,755	82,610
Talbot Avenue from Calumet to Sunset Park	1,088	23,936
Talbot Avenue from Frontage Road to Calumet Avenue	4,500	99,000
Tanglewood Lane	2,077	45,694
Thornwood Lane	1,237	27,214
Timber Drive in the Warrenville Lakes Subdivision	4,200	92,400
Timber Drive Timber Creek	4,044	88,968
Tinker Avenue from Galusha to Central Avenue	1,733	38,133
Torch Parkway	4,020	88,440
Townline Road from Ferry Road to Burke Avenue	6,224	136,928
Townline Road from Landon Drive to Point Oak Drive	1,733	38,126
Tracy Place	1,227	26,994
Twin Pines Drive from Rte 56 to Greenbriar Lane	4,962	109,164
Virginia Avenue from Galusha to Warrenville Road	3,244	71,368
Virginia Avenue north of Galusha	1,896	41,712
Wagner Court	2,200	48,400
Wagner Drive from Burke Avenue to Curtis Avenue	6,500	143,000
Wagner Drive from Mignin Drive to Burke Avenue	1,500	33,000
Waltham Court	1,020	22,440
Warren Avenue from Tracy Place to Stafford Place	2,733	60,126
Warren Avenue from Tracy Place to Warrenville Road	4,644	102,168
Warren Avenue from Warrenville Road to Cerny Park	6,200	136,400
Waverly Avenue	1,500	33,000

**City Roadways - Detail  
Resurface Costs - 2011**

Weaver Pkwy	24,950	548,900
Wemby Drive	3,050	67,100
West Avenue from Warrenville Road to Cul-de-sac	2,200	48,400
West Street from Galusha to dead end	3,200	70,400
Westbury Court	1,300	28,600
White Oak Drive from Briarwood Drive to Blackthorn Lane	2,180	47,960
Whitehall Court	721	15,862
Wilbur Road from Galusha to Warrenville Road	3,733	82,126
Wildwood Court	934	20,548
Williams Road from Batavia Road to Morris Court	2,888	63,536
Williams Road From Batavia Road to Rte 56	6,244	137,368
Williams Road from Morris Court to City limits	1,900	41,800
Willow Court	722	15,884
Willow Lane	4,356	95,832
Winchester Circle	5,650	124,300
Wood Court	980	21,560
Woodland Court from River Road to Curtis Avenue	2,300	50,600
Woodlawn Street from Curtis Avenue to Warren Avenue	1,950	42,900
Youghal Road from Talbot Avenue to Calumet Avenue	3,949	86,878
<b>TOTAL VALUE</b>		<b>\$14,581,733</b>

(\*) Reconstruction Cost Estimate - Part of Original 15-Year Road Plan

Street Light Capital Costs

Description	No Lights	Replacement Cost	Total Replacement Cost	Years Service	Year Cost
New Standard light	310	\$ 1,500	\$ 465,000	20	\$ 23,250
Concrete poles	198	2,000	396,000	30	13,200
Cantera Poles	238	5,000	1,190,000	35	34,000
	<u>746</u>		<u>\$ 2,051,000</u>		
				<b>Yearly Average Cost</b>	<b><u>\$70,450</u></b>

**Curb, Gutter and Sidewalk**

Curb & Gutter Removal = \$6.50 per linear Ft.  
 Curb & Gutter Placement = \$13.00 per linear Ft.  
 Total Cost per linear Ft. for Curb & Gutter Replacement = \$ 19.50

Sidewalk Removal = \$3.00 per square Ft.  
 Sidewalk Placement = \$4.00 per square Ft.  
 Total Cost per square Ft. for sidewalk replacement = \$ 7.00

Street	From	To	Length of Roadway Linear Ft.	Curb Length	Curb Cost	Sidewalk Length	Sidewalk Width	Sidewalk Sq. Ft	Sidewalk Cost
<b>North Side Summerlakes</b>									
Continental Drive	Batavia	Mack	2780	5560	\$ 108,420	5560	4	22240	\$ 155,680
Leominster Ct			450	900	\$ 17,550	900	4	3600	\$ 25,200
Holyoke Ct			340	680	\$ 13,260	680	4	2720	\$ 19,040
Dorchester Ct			240	480	\$ 9,360	480	4	1920	\$ 13,440
Brighton Ct			240	480	\$ 9,360	480	4	1920	\$ 13,440
Bedford Lane	Continental	Continental	1240	2480	\$ 48,360	2480	4	9920	\$ 69,440
Bedford Ct.			200	400	\$ 7,800	400	4	1600	\$ 11,200
Attleboro Ct			300	600	\$ 11,700	600	4	2400	\$ 16,800
Concord Ct			320	640	\$ 12,480	640	4	2560	\$ 17,920
Dedham Ct.			400	800	\$ 15,600	800	4	3200	\$ 22,400
Foxboro Ct			600	1200	\$ 23,400	1200	4	4800	\$ 33,600
Branch Ave.	Continental	Rt. 59	2240	4480	\$ 87,360	4480	4	17920	\$ 125,440
Lynn Ct			340	680	\$ 13,260	680	4	2720	\$ 19,040
Lexington Ct			400	800	\$ 15,600	800	4	3200	\$ 22,400
Salen Ct.			190	380	\$ 7,410	380	4	1520	\$ 10,640
Waltham Ct			360	720	\$ 14,040	720	4	2880	\$ 20,160
Everet Ct			360	720	\$ 14,040	720	4	2880	\$ 20,160
Roxbury Ct			360	720	\$ 14,040	720	4	2880	\$ 20,160
Sanchez	Batavia	Branch	2190	4380	\$ 85,410	4380	4	17520	\$ 122,640
Greenbrook Ct			530	1060	\$ 20,670	1060	4	4240	\$ 29,680
Elmwood Ct.			400	800	\$ 15,600	800	4	3200	\$ 22,400
Avondale Ct.			380	760	\$ 14,820	760	4	3040	\$ 21,280
Glenhurst Ct.			440	880	\$ 17,160	880	4	3520	\$ 24,640
Arbury Ct.			340	680	\$ 13,260	680	4	2720	\$ 19,040
Arlington Ct.			440	880	\$ 17,160	880	4	3520	\$ 24,640

Street	From	To	Length of Roadway Linear Ft.	Curb Length	Curb Cost	Sidewalk Length	Sidewalk Width	Sidewalk Sq. Ft	Sidewalk Cost
<b>Middle Summerlakes</b>									
Continental	Batavia Rd	Rt. 59	4185	8370	\$ 163,215	8370	4	33480	\$ 234,360
Maple Ct.			320	640	\$ 12,480	640	4	2560	\$ 17,920
Ridgewood Ct			220	440	\$ 8,580	440	4	1760	\$ 12,320
Whitehall Ct.			270	540	\$ 10,530	540	4	2160	\$ 15,120
Small Tree Ct.			240	480	\$ 9,360	480	4	1920	\$ 13,440
Heather Ct.			380	760	\$ 14,820	760	4	3040	\$ 21,280
Angeline Ct.			400	800	\$ 15,600	800	4	3200	\$ 22,400
Cynthia Drive	Continental	Continental	1700	3400	\$ 66,300	3400	4	13600	\$ 95,200
Cynthia Ct.			580	1160	\$ 22,620	1160	4	4640	\$ 32,480
Cherice Drive	Cynthia	Batavia	500	1000	\$ 19,500	1000	4	4000	\$ 28,000

Curb, Gutter and Sidewalk

Street	From	To	Length of Roadway Linear Ft.	Curb Length	Curb Cost	Sidewalk Length	Sidewalk Width	Sidewalk Sq. Ft	Sidewalk Cost
Shaw	Continental	Batavia	1450	2900	\$ 56,550	2900	4	11600	\$ 81,200
Hurlingham	Shaw	Sova	970	1940	\$ 37,830	1940	4	7760	\$ 54,320
Hurlingham Ct.			160	320	\$ 6,240	320	4	1280	\$ 8,960
Sova lane	Batavia Rd	Dead end	600	1200	\$ 23,400	1200	4	4800	\$ 33,600
Galbreath	Sova	Hurlingham	1040	2080	\$ 40,560	2080	4	8320	\$ 58,240
Stevens Ct.			400	800	\$ 15,600	0	0	0	\$ -
Oakwood Ct.			290	580	\$ 11,310	0	0	0	\$ -
Wembly Drive			1100	2200	\$ 42,900	2200	4	8800	\$ 61,600
Harvard Drive			710	1420	\$ 27,690	1420	4	5680	\$ 39,760
Hampton Drive			605	1210	\$ 23,595	1210	4	4840	\$ 33,880
Danbury			350	700	\$ 13,650	700	4	2800	\$ 19,600
Buckthorn Ct.			400	800	\$ 15,600	0	0	0	\$ -
Mulberry Ct.			400	800	\$ 15,600	0	0	0	\$ -
Lindenwood Drive			340	680	\$ 13,260	680	4	2720	\$ 19,040
Lindenwood Ct.			340	680	\$ 13,260	0	0	0	\$ -
Wildwood Ct.			420	840	\$ 16,380	0	0	0	\$ -
Wood Ct.			400	800	\$ 15,600	0	0	0	\$ -
Maplewood Drive			730	1460	\$ 28,470	146	4	584	\$ 4,088
Maplewood Ct.			280	560	\$ 10,920	0	0	0	\$ -
Dogwood Ct.			310	620	\$ 12,090	0	0	0	\$ -
Cottonwood Ct.			310	620	\$ 12,090	0	0	0	\$ -

South Summerlakes

Lakeview Drive	Continental	Barkley Ave.	1930	3860	\$ 75,270	3860	4	15440	\$ 108,080
Lakeview Ct.			440	880	\$ 17,160	880	4	3520	\$ 24,640
Bayview Ct.			320	640	\$ 12,480	640	4	2560	\$ 17,920
Harvest Ct.			360	720	\$ 14,040	720	4	2880	\$ 20,160
Brookside Ct.			210	420	\$ 8,190	420	4	1680	\$ 11,760
Sunset Drive	Lakeview	Barkley Ave.	1220	2440	\$ 47,580	2240	4	8960	\$ 62,720
Sunset Ct.			290	580	\$ 11,310	580	4	2320	\$ 16,240
Barkley	Sunset Drive	Lakeview	1100	2200	\$ 42,900	1700	4	6800	\$ 47,600

Winchester			2200	4400	\$ 85,800	4400	4	17600	\$ 123,200
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Fox Hollow

Mack Road	Rt.59	Manchester	2390	4780	\$ 93,210	4780	4	19120	\$ 133,840
Ascot Lane			540	1080	\$ 21,060	1080	4	4320	\$ 30,240
Bristol Lane			570	1140	\$ 22,230	1140	4	4560	\$ 31,920
Deerfield Lane			500	1000	\$ 19,500	500	4	2000	\$ 14,000
Kensington	Ascot	Deerfield	1160	2320	\$ 45,240	2320	4	9280	\$ 64,960
Essex	Deerfield	Huntington	1163	2326	\$ 45,357	2326	4	9304	\$ 65,128
Huntington Drive			1550	3100	\$ 60,450	3100	4	12400	\$ 86,800
Manchester Lane			780	1560	\$ 30,420	1560	4	6240	\$ 43,680
Avon Drive			973	1946	\$ 37,947	1946	4	7784	\$ 54,488
Avon Ct.			200	400	\$ 7,800	400	4	1600	\$ 11,200
Sheffield			500	1000	\$ 19,500	1000	4	4000	\$ 28,000
Oxford			530	1060	\$ 20,670	1060	4	4240	\$ 29,680

**Curb, Gutter and Sidewalk**

Street	From	To	Length of Roadway Linear Ft.	Curb Length	Curb Cost	Sidewalk Length	Sidewalk Width	Sidewalk Sq. Ft	Sidewalk Cost
<b>Industrial Park</b>									
Talbot	Frontage	Calumet	1570	3140	\$ 61,230	0		0	\$ -
Calumet	Barkley	Talbot	1420	2840	\$ 55,380	600	4	2400	\$ 16,800
Yougal	Calumet	Talbot	1430	2860	\$ 55,770	0		0	\$ -
Frontage Road	Calumet	Dead end	1720	1720	\$ 33,540	0		0	\$ -

**Maple Hill**

Penny Lane			2700	5400	\$ 105,300	5400	4	21600	\$ 151,200
Willow Lane			1400	2800	\$ 54,600	2800	4	11200	\$ 78,400
Fairfax Ct.			100	200	\$ 3,900	200	4	800	\$ 5,600
Juniper Ct.			287	574	\$ 11,193	574	4	2296	\$ 16,072
Princeton Ct.			146	292	\$ 5,694	292	4	1168	\$ 8,176
Cedar Ct.			302	604	\$ 11,778	604	4	2416	\$ 16,912
Plum Ct.			167	334	\$ 6,513	334	4	1336	\$ 9,352
Mayfair Ct.			500	1000	\$ 19,500	1000	4	4000	\$ 28,000
Willow Ct.			200	400	\$ 7,800	500	4	2000	\$ 14,000
Spruce Ct.			243	486	\$ 9,477	486	4	1944	\$ 13,608
Laural Ct.			373	746	\$ 14,547	746	4	2984	\$ 20,888
Redwood Ct.			276	552	\$ 10,764	552	4	2208	\$ 15,456

**River Oaks Sub.**

Ridge Drive			600	1200	\$ 23,400	1220	4	4880	\$ 34,160
River Oaks Drive			1980	3960	\$ 77,220	1960	4	7840	\$ 54,880
Country Ridge Drive			1520	3040	\$ 59,280	1200	4	4800	\$ 33,600
Cerny Road			410	820	\$ 15,990	0		0	\$ -
Cerny Circle			630	1260	\$ 24,570	1260	5	6300	\$ 44,100

**Emerald Green Subdivision**

Emerald Green Drive	Battavia	Circle	770	1540	\$ 30,030	770	4	3080	\$ 21,560
Emerald Green Drive	Entire	Circle	2400	4800	\$ 93,600	0		0	\$ -
Albert Einstein			530	1060	\$ 20,670	0		0	\$ -
Author Compton			420	840	\$ 16,380	0		0	\$ -
John Bardeen			320	640	\$ 12,480	0		0	\$ -
Enrico Fermi			660	1320	\$ 25,740	0		0	\$ -
Pierre Currie			655	1310	\$ 25,545	0		0	\$ -
Marie Curie			630	1260	\$ 24,570	0		0	\$ -
Seraph Homes Ct.			325	650	\$ 12,675	650	4	2600	\$ 18,200
Westbury Ct.			309	618	\$ 12,051	618	4	2472	\$ 17,304

**Curb, Gutter and Sidewalk**

Street	From	To	Length of Roadway Linear Ft.	Curb Length	Curb Cost	Sidewalk Length	Sidewalk Width	Sidewalk Sq. Ft	Sidewalk Cost
<b>Warrenville Lakes</b>									
Grove Lane			1460	2920	\$ 56,940	2920	4	11680	\$ 81,760
Timber Lane	Batavia	Timber Creek	1200	2400	\$ 46,800	2400	4	9600	\$ 67,200
<b>Timber Creek Sub.</b>									
Timber lane	Grove	Meadow	1300	2600	\$ 50,700	2600	4	10400	\$ 72,800
Meadow Ave.	Rt59	home	639	1278	\$ 24,921	0		0	\$ -
<b>Edgebrook/Thornwild Sub.</b>									
Butternut			800	1600	\$ 31,200	1600	4	6400	\$ 44,800
Birchwood			1800	3600	\$ 70,200	3600	4	14400	\$ 100,800
Blackthorn			1248	2496	\$ 48,672	2496	4	9984	\$ 69,888
Briarwood			1500	3000	\$ 58,500	2000	4	8000	\$ 56,000
Twin Pines			1250	2500	\$ 48,750	2500	4	10000	\$ 70,000
Thornwood			530	1060	\$ 20,670	0		0	\$ -
Crabtree			520	1040	\$ 20,280	0		0	\$ -
Chestnut			180	360	\$ 7,020	0		0	\$ -
Candlewood			1013	2026	\$ 39,507	2026	4	8104	\$ 56,728
Greenbriar			450	900	\$ 17,550	4		0	\$ -
Tanglewood			980	1960	\$ 38,220	1960	4	7840	\$ 54,880
Hawthorne			1150	2300	\$ 44,850	2300	4	9200	\$ 64,400
White Oak			400	800	\$ 15,600	0		0	\$ -

Curb, Gutter and Sidewalk

Street	From	To	Length of Roadway Linear Ft.	Curb Length	Curb Cost	Sidewalk Length	Sidewalk Width	Sidewalk Sq. Ft	Sidewalk Cost
Batavia Road	Rt.56	Warrenville	3710	7420	\$ 144,690	3710	4	14840	\$ 103,880
Tracy Place			460	920	\$ 17,940	460	5	2300	\$ 16,100
Manning	Batavia	Ray	1115	2230	\$ 43,485	600	5	3000	\$ 21,000
Stafford	Batavia	Rockwell	1300	2600	\$ 50,700	400	5	2000	\$ 14,000
Rockwell	Rt56	Warrenville	1425	2850	\$ 55,575	0		0	\$ -
Mignin Ave	Rt.56	Warrenville	900	1800	\$ 35,100	700	5	3500	\$ 24,500
Warrenville Road	Mignin	Sesqui Park		0	\$ -	960	8	7680	\$ 53,760
Warrenville Road	Rt56	Batavia	315	630	\$ 12,285	4900	4	19600	\$ 137,200
Warren Ave.	Stafford	Warrenville	1700	3400	\$ 66,300	2100	4	8400	\$ 58,800
Main Street	Mignin	Batavia	3600	7200	\$ 140,400	3600	5	18000	\$ 126,000
Batavia Road Bike	Rt56	Fermilab		0	\$ -	9215	8	73720	\$ 516,040
Wagner Drive	Curtis	Burk	974	1948	\$ 37,986	1948	4	7792	\$ 54,544
Wagner Ct.			200	400	\$ 7,800	400	4	1600	\$ 11,200
Burk Ave.	Warrenville	Rodgers	1521	3042	\$ 59,319	1521	4	6084	\$ 42,588
Curtis Ave	Tracy Place	Ferry Road		0	\$ -	5656	4	22624	\$ 158,368
Woodlawn	Curtis	Warren Ave.		0	\$ -			0	\$ -
Saddle Ridge			1642	3284	\$ 64,038	1642	5	8210	\$ 57,470
Salle Ridge Ct.			162	324	\$ 6,318	324	5	1620	\$ 11,340
Herrick Ct.			100	200	\$ 3,900	200	5	1000	\$ 7,000
West Street	Warrenville	Dead end	230	460	\$ 8,970	230	5	1150	\$ 8,050
Warrenville Road	Bike Path			0	\$ -	373	10	3730	\$ 26,110
Weaver Parkway			4476	8952	\$ 174,564	0	0	0	\$ -
Needham Ct			480	960	\$ 18,720	960	5	4800	\$ 33,600
Bulger Ct.			400	800	\$ 15,600	800	5	4000	\$ 28,000
Connector Road			547	1094	\$ 21,333	1094	5	5470	\$ 38,290
Bella Vista			900	1800	\$ 35,100	900	5	4500	\$ 31,500
Chase Ct.			341	682	\$ 13,299	682	5	3410	\$ 23,870
Torch Parkway			926	1852	\$ 36,114	1852	5	9260	\$ 64,820
Cantera Village			3007	6014	\$ 117,273	3007	5	15035	\$ 105,245
<b>TOTALS</b>			252780	505560	\$4,929,210	194597		852049	\$5,964,343

Life Span - in Years      40      (a)/40      \$123,230      (b)/40      \$149,109

Average per year Depreciated Cost Catch-up as of 2011      (c) + (d)      \$90,000      (added in June 2011) by CIPC      \$362,339

**TOTAL Curb, Gutter, & Sidewalk**      \$362,339

Public Works Capital Assets Replacement Schedule

Street Division

Make	Model	Origin	VIN/ Serial	Date MFG.	Original Cost	Replacement Cost	Replacement Year	Service Years	Avg Yearly Cost
GMC	Sonoma pickup	#101	1GTD119W818198545	2001	\$ 18,500	\$ 23,000	2011	12	\$ 1,917
Chevy	3500 Pickup 4x4	#103	1GCHK34K4SE156980	1995	25,000				
Chevy	1500 pickup 2x2	#112	1GCEC14MXXVZ32169	1997	18,000				
Ford	F-350 Pickup 2X2	#108	1FTWF30538EC06613	2008	23,000	23,000	2018	12	1,917
Ford	F-350 Pickup 4X4 Plow	#127	1FTSF31P34ED81615	2004	27,000	30,000	2016	12	2,500
Ford	LCS - 1 Ton Dump	#106	3FRML55Z48V683968	2009	45,000	45,000	2021	15	3,000
Sterling	Actura - Bucket Truck	#128	2FZACHDC76AW29978	2005	90,000	100,000	2020	15	6,667
Ford	F 550 Flat Bed	#123	1FDAF56FF31ED32560	2001	48,000	52,000	2016	15	3,467
International	4900 Dump	#105	1HTSDAAN3TH281507	1995	55,000				
Sterling	L17501 Dump Snow Plow	#104	F2AA TBS599AAG6065	2008	103,000	113,000	2005	15	7,533
Sterling	Actura Dump Truck Snow Plow	#102	2FZHCHDC46AW29564	2006	125,000	135,000	2021	15	9,000
Sterling	Actura Dump Snow Plow	#110	2FZAANAK22AJ81837	2001	89,000	113,000	2016	15	7,533
Freightliner	FL 80 Dump	#107	1FY6JLBBWH945915	1997	83,000	113,000	2012	15	7,533
Freightliner	FL 80 Dump	#109	1FY6JLBB8YHB49462	2000	84,000	113,000	2015	15	7,533
Sterling	Actura Dump Snow Plow	#124	2FZACHAK03AL64117	2002	94,000	113,000	2017	15	7,533
Sterling	M8500 Chipper Truck	#126	2FZACGAK84AM60377	2003	72,000	113,000	2018	20	5,650
Nissan	UD3300 Street Sweeper	#114	JNAPC81L09AD75011	2009	200,000	200,000	2024	15	13,333
Ford	F350 4x4	#119	1FTSF31L7XEC43920	1988		38,000	n/a		

Equipment

Make	Model	Origin	VIN/ Serial	Date MFG.	Original Cost	Replacement Cost	Replacement Year	Service Years	Avg Yearly Cost
Morbark	Chipper	#301	4AYS21511PW0012694	2006	\$33,400	\$ 33,400	2021	15	\$ 2,227
Komatsu	PC78US -6NO Backhoe Excavator	#314	4D95LE-3-A	2007	\$77,000	79,000	2023	15	5,267
John Deere	544c Loader	#302	DW544C B503438	1985	\$75,000				
Ford	4x4 Mowing	#305		1990	\$32,000	40,000	2010	20	2,000
Bobcat	Backhoe	#306		1996	\$28,000	45,000	2013	17	2,647
Bobcat	Skid steer	#304	A3L911741	2008	\$28,000	30,000	2020	10	3,000
Bobcat	Skid steer	#307	512216056	1997	\$18,000		2018		
Atlas	Air compressor	#309		1992	\$9,500	12,000	2017	25	480
Kubota	mower	#310		2003	\$14,000	20,000	2023	20	1,000
Hot Patch	Patch cart	#316		1998		11,000	2018	20	550
John Deere	Gator	#318	W006x4x036257	2001		8,000	2017	15	533
John Deere	544 h Loader	#319	DW754H573944	1999	\$108,000	145,000	2018	19	7,632
New Holland	Skid steer	#320		2000		37,000	2010	10	3,700
bobcat	Mower Zero Turn	#317	94221300305	1999	\$6,000	7,500			
Scag	Mower Zero Turn	#322		2005	\$7,000	7,500	2017	12	625
Hustler	Mower Zero Turn	#312		2006	\$7,300	7,500	2018	12	625
Huskvama	Street saw	#		2009	\$11,000	11,000	2029	20	550
Cat	Roller	#308		2006	\$25,000	27,000	2021	25	1,080
Croncite	Trailer - Bobcat Trailer	#401		1996	\$6,000	6,000	2016	20	300
Big Tex	Saw / Water Tank Trailer	#402		2009	\$4,000	4,000	2026	20	200
Towmaster	Roller Utility Tilt Trailer	#403		2006	\$7,500	7,500	2026	20	375
Eagr Beaver	20 Ton Excavator Trailer	#404		2003	\$12,000	12,000	2023	20	600
Doolittle	Mower Utility Trailer	#407		2000	\$5,000	5,300	2020	20	265
United	Events Trailer	#408		2002		8,000	2027	25	320

**Community Development**

<u>Make</u>	<u>Model</u>	<u>Origin</u>	<u>VIN/Serial</u>	<u>Date MFG.</u>	<u>Original Cost</u>	<u>Replacement Cost</u>	<u>Replacement Year</u>	<u>Service Years</u>	<u>Avg Yearly Cost</u>
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**Community Development**

Ford	F150 4x4	#111	2FTRX18W2XCB09046	1999	\$21,000	\$28,000	2014	15	1,867
Ford	Fusion		3FAHP06Z77R270847	2008	\$16,000	16,000	2023	15	1,067

**Administration**

Make

Ford	Taurus	#ch		1998	\$	23,000	2010	15	1,533
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**Total Replacement Cost 2010 Dollars**

\$ 1,931,700

Yearly Cost \$123,559

Police Vehicle Replacement Schedule

Appendix E - Schedule PDV

Make	Model	Dept Operation	Revised Unit #	VIN #	Plate #	Fiscal Year Acquired	Current Replacement Cost	In-Service Life Cycle	Calculated Yearly Cost
Ford	Taurus	Administration	200	1FAFP53U17A185560	M 164 146	2007	19,500	10	1,950
Ford	Fusion	Administration	201	2FAHP06Z17R230263	M 166 307	2007	20,000	10	2,000
Ford	Crown Vic	Det Sergeant	202	2FAFP71W76X135204	M 164 147	2005	23,000	10	2,300
Ford	Taurus	DC Invest/Admin	203	1FAHP23W69G121152	H73 0516	2009	24,075	10	2,408
Ford	Explorer	Tactical Officers	205	1FMZU72K54ZA27808	520 9038	2004	26,075	8	3,259
Ford	Taurus	Investigations	206	1FAHP23W69G113682	X45 4105	2010	24,075	8	3,009
Ford	Crown Vic	Patrol	210	2FABP7BV1AX106889	M166239/MP5850	2010	24,075	3	8,025
Ford	Crown Vic	Patrol	211	2FABP7BV8AX106890	M166308/MP 5851	2010	24,075	3	8,025
Ford	Crown Vic	Patrol	212	2FABP7BVXAX106888	MP 5852	2010	24,075	3	8,025
Ford	Crown Vic	Patrol	213	2FABP7BV6AX106886	MP 5848	2010	24,075	3	8,025
Ford	Expedition	Patrol	214	1FMFU165X8LA51129	MP 4254	2008	29,075	3	9,692
Ford	Expedition	Patrol/Traffic	215	1FMFU16568LA51130	MP 4255	2008	29,075	3	9,692
Ford	Crown Vic	Patrol	216	2FABP7BV8AX106887	MP 5849	2010	24,075	3	8,025
Ford	Crown Vic	Patrol	217	2FAHP71V59X116994	MP 5103	2009	24,075	5	4,815
Ford	Crown Vic	Patrol	218	2FAHP71V39X116993	MP 5102	2009	25,000	3	8,333
Ford	Expedition	Patrol Sgt	219	1FMJU1G50AEA43012	MP 5698	2010	29,075	3	9,692
Ford	Explorer	CSO	221	1FMEU7DE0AUA81127	MP 6620	2011	26,075	8	3,259
Ford	F-150	Support	222	1FTRX14W38KC87096	MP 4178/MP 4187	2008	21,650	8	2,706
							<b>Average Annual Replacement Cost</b>		<b>103,240</b>

NOT A PART OF THE CIP - To Be Replaced Only with Seized Assets Funding

Ford	Explorer	Investigations	204	1FMEU73E48UB24721	G831722	2009	24,075	3	8,025
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# BUILDING EQUIPMENT VALUE REPORT

## Appendix F - Schedule BE

Asset ID	Master Asset	Asset Type	Group	Description	Budget ID	Model	Serial#	Service Years	Purchase Date	Purchase Cost	Calculated Yearly Cost
AC-01		HVAC	CITY HALL	COMPUTER RM	OPERATIONS	CL2432A	25623	18	10/07/01	2,500	139
AC-02		HVAC	POLICE DEPT	COMPUTER RM	OPERATIONS	CL2472		20	10/10/07	2,500	125
BUILD-04		STRUCTURAL	CITY MUSEUM	HISTORICAL MUSEUM	OPERATIONS			50	01/01/83	290,000	5,800
BUILD-05		STRUCTURAL	HUDETZ PAVILLION	JOHN HUDETZ PAVILLION	OPERATIONS			75	06/01/99	72,947	973
BUILD-06		STRUCTURAL	PUBLIC WORKS	SALT SHED	OPERATIONS			75	10/21/97	150,000	2,000
BUILD-07		STRUCTURAL	GAZEBO	GAZEBO	OPERATIONS			75	06/15/89	25,000	333
CARPET-01	BUILD-01	FLOORING	CITY HALL	CITY HALL CARPET	OPERATIONS			15	10/07/01	24,000	1,600
CARPET-02	BUILD-01	FLOORING	CITY HALL	CH OFFICE AREAS 2 FL	OPERATIONS			15	10/07/01	15,000	1,000
CARPET-03	BUILD-02	FLOORING	POLICE DEPT	LOWER LEVEL	OPERATIONS			12	02/14/09	5,000	417
CARPET-04	BUILD-02	FLOORING	POLICE DEPT	MAIN LEVEL	OPERATIONS			12	10/06/97	20,000	1,667
CARPET-05	BUILD-01	FLOORING	CITY HALL	CH CARPET 1st FL	OPERATIONS			15	10/07/01	22,000	1,467
CARPET-06	BUILD-04	FLOORING	CITY MUSEUM	ORANGE	OPERATIONS			25	06/01/83	6,000	240
CH RTU-1		HVAC	CITY HALL	ROOFTOP - 2nd FL East	OPERATIONS	48TFE012---601GA	1001G30633	20	10/07/01	40,000	1,995
CH RTU-2		HVAC	CITY HALL	ROOFTOP - 2nd FL North	OPERATIONS	48TFE006---601GA	0901G24298	20	10/07/01	20,000	995
CH RTU-3		HVAC	CITY HALL	ROOFTOP - 2nd FL East	OPERATIONS	48TFE006---601GA	0901G24299	20	10/07/01	20,000	995
CH RTU-4		HVAC	CITY HALL	ROOFTOP - 1st FL West	OPERATIONS	48TFE007---601---	1001G20897	20	10/07/01	24,000	1,195
CH RTU-5		HVAC	CITY HALL	ROOFTOP - 1st FL Center	OPERATIONS	48TFE007---601---	0601G20860	20	10/07/01	24,000	1,195
CH RTU-6		HVAC	CITY HALL	ROOFTOP - 2nd FL Center	OPERATIONS	48TFE009---601---	0901G34396	20	10/07/01	32,000	1,595
CH RTU-7		HVAC	CITY HALL	ROOFTOP - 2nd FL South	OPERATIONS	48TFE006---601GA	0901G24304	20	10/07/01	20,000	995
CH RTU-8		HVAC	CITY HALL	ROOFTOP - 2nd FL West	OPERATIONS	48TFE007---601--	0601G20851	20	10/07/01	24,000	1,195
CH RTU-9		HVAC	CITY HALL	ROOFTOP - 2nd FL	OPERATIONS	48TFE004---601GA	0901G24498	20	10/07/01	12,000	595
CM COND-01		HVAC	CITY MUSEUM	A/C CONDENSER	OPERATIONS			20	10/10/07	3,000	149
CM COND-02		HVAC	CITY MUSEUM	A/C CONDENSER	OPERATIONS			18	11/11/06	5,000	278
CM COND-03		HVAC	CITY MUSEUM	A/C CONDENSER	OPERATIONS			20	10/10/07	3,000	149
CM FURN-01		HVAC	CITY MUSEUM	FURNACE	OPERATIONS			15	11/11/07	1,500	100
CM FURN-02		HVAC	CITY MUSEUM	FURNACE LL	OPERATIONS			15	11/11/07	2,000	133
<b>Grouping Subtotal</b>										<b>27,323</b>	

# BUILDING EQUIPMENT VALUE REPORT

Appendix F - Schedule BE

Asset ID	Master Asset	Asset Type	Group	Description	Budget ID	Model	Serial#	Service Years	Purchase Date	Purchase Cost	Calculated Yearly Cost
CM FURN-03		HVAC	CITY MUSEUM	FURNACE	OPERATIONS				02/20/08	1,500	100
CO-RAY VAC-01		HVAC	PUBLIC WORKS	GARAGE HEAT	OPERATIONS				11/16/02	4,500	250
CO-RAY VAC-02		HVAC	PUBLIC WORKS	GARAGE HEAT	OPERATIONS				11/16/02	4,500	250
CO-RAY VAC-03		HVAC	PUBLIC WORKS	WASH BAY HEAT	OPERATIONS				11/16/02	4,500	375
CO-RAY VAC-04		HVAC	PUBLIC WORKS	GARAGE HEAT	OPERATIONS				11/16/02	4,500	250
CP PLAY-01		STRUCTURAL	CERNY PARK	PLAYGROUND EQUIPMENT	OPERATIONS				02/24/00	30,000	1,500
FURNITURE-001		FURNITURE	CITY HALL	FILE CABINETS	PURCHASING	800 series	BLACK		10/07/01	15,000	500
FURNITURE-002		FURNITURE	CITY HALL	DESKS/CUBICAL	OPERATIONS				10/07/01	35,000	1,750
FURNITURE-003		FURNITURE	CITY HALL	COUNCIL CHAIRS	OPERATIONS				10/07/01	10,000	667
FURNITURE-004		FURNITURE	CITY HALL	FOLDING TABLE/CHAIRS	OPERATIONS				10/07/01	4,000	200
FURNITURE-005	BUILD-02	FURNITURE	POLICE DEPT	DESKS/CHAIRS	OPERATIONS				07/09/07	40,000	2,667
FURNITURE-006	BUILD-03	FURNITURE	PUBLIC WORKS	CHAIRS/DESKS	OPERATIONS				11/16/02	20,000	1,111
GEN-01		ELECTRICAL	CITY HALL	GENERATOR	OPERATIONS				02/24/09	90,000	3,592
GEN-02	BUILD-03	ELECTRICAL	PUBLIC WORKS	PUBLIC WORKS GENERATOR	OPERATIONS	250RZD	739169		11/16/02	90,000	3,580
GEN-03		ELECTRICAL	POLICE DEPT	GENERATOR	OPERATIONS	60GS	392527		10/10/97	40,000	1,592
HARDWOOD-01	BUILD-04	FLOORING	CITY MUSEUM	MAIN LEVEL	OPERATIONS				02/06/09	10,000	400
HP FURN-01		HVAC	HUDETZ PAVILLION	ELEC. FURNACE	OPERATIONS	LIRC060			09/12/06	2,000	111
HT EX - 1	CH RTU - 1	HVAC	CITY HALL	EXCHANGER	OPERATIONS				08/28/09	0,000	-
PAINT-01		PAINT	PUBLIC WORKS	PAINTING/STAIN	OPERATIONS				11/16/02	20,000	2,000
PAINT-02	BUILD-06	PAINT	PUBLIC WORKS	PAINTING/STAIN	OPERATIONS				10/21/04	6,000	600
PAINT-04	BUILD-05	PAINT	HUDETZ PAVILLION	PAINT	OPERATIONS				07/07/07	2,000	200
PAINT-05	BUILD-07	PAINT	GAZEBO	PAINT/STAIN	OPERATIONS				07/09/09	1,500	150
PAINT-07	BUILD-04	PAINT	CITY MUSEUM	PAINT	OPERATIONS				05/05/09	8,000	800
PAINT-08	BUILD-01	PAINT	CITY HALL	PAINT	OPERATIONS				07/07/07	18,000	1,800
PD PAINT-01		PAINT	POLICE DEPT	INTERIOR	OPERATIONS				06/15/09	20,000	2,500
PD RTU-1		HVAC	POLICE DEPT	MEETING RM	OPERATIONS	D7CG036N07906A	NHFM097538		10/19/97	18,000	898
PD RTU-2		HVAC	POLICE DEPT	ROOFTOP Main floor VAV	OPERATIONS	D2CG240N32025ECE	NLFM119217		10/19/97	40,000	1,995
PD RTU-3		HVAC	POLICE DEPT	ROOFTOP Lower Level	OPERATIONS	D2CG090N16525ECG	NLFM121529		10/19/97	20,000	998
PD RTU-4		HVAC	POLICE DEPT	ROOFTOP JAIL AREA	OPERATIONS	D7CG036N07906 A	NHFM097544		10/19/97	18,000	898

# BUILDING EQUIPMENT VALUE REPORT

Appendix F - Schedule BE

Asset ID	Master Asset	Asset Type	Group	Description	Budget ID	Model	Serial#	Service Years	Purchase Date	Purchase Cost	Calculated Yearly Cost
PW RTU-1		HVAC	PUBLIC WORKS	ROOFTOP 12.5 ton	OPERATIONS	DM150N20N4AAA1A	NAKM008034		11/16/02	40,000	1,995
PW RTU-2		HVAC	PUBLIC WORKS	ROOFTOP 3 TON	OPERATIONS	D7CG036N07946A	NNKM134348		11/16/02	12,000	598
PW RTU-3		HVAC	PUBLIC WORKS	ROOFTOP 3 TON	OPERATIONS	D7CG036N07946A	NALM001943		11/16/02	12,000	598
PW RTU-4		HVAC	PUBLIC WORKS	WORK SHOPS	OPERATIONS	HRGB125-8-S-2	EBBD66X2N08345		11/16/02	6,000	300
PW UH-1		HVAC	PUBLIC WORKS	Unit Heater E.S.D.A	OPERATIONS	SCA400-6	BBE66M6N09979		11/16/02	3,000	150
ROOF-01	BUILD-01	STRUCTURAL	CITY HALL	EPDM	OPERATIONS				10/07/01	35,000	1,826
ROOF-02	BUILD-01	STRUCTURAL	CITY HALL	METAL SHINGLE	OPERATIONS				06/06/01	50,000	1,667
ROOF-03	BUILD-02	STRUCTURAL	POLICE DEPT	SHINGLE	OPERATIONS				06/06/97	91,500	5,490
ROOF-04	BUILD-02	STRUCTURAL	POLICE DEPT	EPDM	OPERATIONS				06/06/97	91,500	5,490
ROOF-05	BUILD-03	STRUCTURAL	PUBLIC WORKS	EPDM	OPERATIONS				11/16/02	320,000	18,824
ROOF-06	BUILD-04	STRUCTURAL	CITY MUSEUM	SHINGLE	OPERATIONS				06/06/90	9,000	300
ROOF-07	BUILD-05	STRUCTURAL	HUDETZ PAVILLION	METAL PANEL	OPERATIONS				06/06/86	20,000	571
ROOF-08	BUILD-06	STRUCTURAL	PUBLIC WORKS	SHINGLE	OPERATIONS				10/07/97	25,000	1,538
ROOF-09	BUILD-07	STRUCTURAL	GAZEBO	SHINGLE	OPERATIONS				06/06/89	4,000	200
TILE -02	BUILD-02	FLOORING	POLICE DEPT	1'x1'	OPERATIONS				10/06/97	5,000	167
TILE-01	BUILD-01	FLOORING	CITY HALL	CH TILE 1'x 1'	OPERATIONS				10/07/01	20,000	800
TILE-03	BUILD-03	FLOORING	PUBLIC WORKS	1'x1'	OPERATIONS				11/16/02	15,000	500
WH-02		PLUMBING	POLICE DEPT	WATER HEATER.	OPERATIONS	DVE-120 917	MA98-0710074-917		10/10/97	4,000	267
WH-03		HVAC	PUBLIC WORKS	PUBLIC WORKS WATER HEATER	OPERATIONS	BTH 150 970	BTH-150-M00N000000		02/24/09	6,500	433
<b>Grouping Subtotal</b>											<b>73,445</b>

<b>Totals</b>	<b>Purchase Cost</b>	<b>Annual</b>
	2,211,947	\$ 100,768