



# VILLAGE OF WILMETTE

1200 Wilmette Avenue  
WILMETTE, ILLINOIS 60091-0040

## MEETING AGENDA

### JOINT MEETING OF THE FINANCE COMMITTEE AND MUNICIPAL SERVICES COMMITTEE OF THE VILLAGE BOARD

August 16, 2011  
4:30 p.m.  
2<sup>nd</sup> Floor Training Room

- I. Call to Order
- II. Review of 2012 – 2016 Capital Improvement Program
- III. Other Business
- IV. Adjournment

If you are a person with a disability and need special accommodations to participate in and/or attend any Village public meeting, please notify the Management Services Department at (847) 853-7509 or TDD (847) 853-7634. For additional information please call (847) 853-7511, the Village Clerk's Office.

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# VILLAGE OF WILMETTE

1200 Wilmette Avenue  
Wilmette, Illinois 60091-0040

OFFICE OF THE  
VILLAGE MANAGER

(847) 853-7501  
Facsimile (847) 853-7700  
TDD (847) 853-7634

**Date:** August 9, 2011

**To:** Village Board Finance Committee  
Village Board Municipal Services Committee

**From:** Timothy J. Frenzer, Village Manager

**Subject:** **August 16 Joint Committee Meeting**

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Attached to this memorandum is the agenda material prepared for you by the Village Staff in anticipation of our discussion regarding the Village's General Fund capital needs and how our limited resources may be directed to meet them.

The Village is, by definition, a service provider and its critical services are necessarily delivered through personnel using capital – equipment and infrastructure. With the onset of the economic recession, the Village has had to adjust spending on both the personnel and capital side in order to match expenditures to revenue. As this meeting concerns the capital side of this equation, I am certain that all the members of the Village Board are aware of the substantial amount of capital spending that has been deferred since the recession began in 2008.

Capital spending, when it relates to major equipment or facilities needs, begins to accumulate and become a larger financial burden when deferred for too long a period of time. Capital purchasing for heavy trucks, for example, is planned over time so that the purchases are as evenly spaced as possible in a manner consistent with the operational life of the vehicle and in an effort to smooth the impact that these projects have on the Village's cash flows. If replacement is deferred for too long, the Village experiences losses attributable to excessive repair and downtime, along with lost productivity, and also finds itself needing to fund replacement in years when other capital needs must be addressed, thereby creating a funding problem in later years.

Capital spending, when it relates to preservation of existing infrastructure such as roads, alleys, sidewalks and curbs, is also cumulative. What is not paid for in one or more years begins to compound over time and becomes more difficult to fund in the future. This is why, in the past, the Village Board found itself in the position of having so much deferred road maintenance that it issued debt to bring the streets back up to

acceptable condition. The plan at the time was to then fund annual maintenance work in an amount sufficient to pay for the maintenance of the roads on an ongoing basis.

For these reasons, the Village keeps and maintains its Capital Improvement Plan (CIP), updating each year to identify anticipated capital and infrastructure needs and scheduling when those needs should be met over future years. Under our current financial situation, where revenues continue to be below historic norms due to the recession, it will not be possible for the Village to meet all of these projected costs can be met in the next two years.

The following report presents our analysis of both available funding sources and prioritization of the most critical capital needs. A prioritization schedule was also prepared with the input of the all the Village's department heads.

Staff is requesting that the Village Board provide direction regarding its priority for the 2012-2016 CIP and determine the appropriate funding vehicle for the respective projects.

TJF/  
Attachments (2)



# VILLAGE OF WILMETTE

1200 WILMETTE AVE.  
WILMETTE, ILLINOIS 60091

August 9, 2011

**To:** Timothy J. Frenzer, Village Manager

**From:** Kathleen Gargano, Assistant Village Manager  
John Prejzner, Assistant to the Village Manager

**Subject:** Capital Improvement Program (CIP) - General Fund

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As the following memorandum will outline and the accompanying binder reflects, the Village has a significant amount of critical and recommended capital needs that do not have a funding source identified.

In 2012, the General Fund, there is \$4.4 million in critical projects with only \$1.6 million in funds to complete this work, resulting in \$2.8 million worth of unfunded General Fund capital projects.

As part of the CIP development, staff also reviews those projects that should be done but have been determined to be recommended this year and have placed them in a category titled recommended. Typically, these projects will become critical during an upcoming budget cycle. The Village has \$1.3 million in unfunded recommended projects.

## **Background**

The 2012 – 2016 CIP provides for more than \$32 million in General Fund capital improvements (not including large scale projects such as the Skokie Valley Bike Trail, Village Center Parking Garage, Ridge Road Streetscape Improvements and the Edens Expressway Sound Barrier). These projects are necessary for effective service delivery in police, fire and public works and to maintain the Village's infrastructure to the levels recommended by the Village Engineer.

Since 2008, capital expenditures have been reduced significantly to meet budgetary constraints.

The capital projects that have been deferred over the past several years cannot simply be eliminated from the CIP without corresponding reductions in service levels and will need to be accomplished at some point in the future. Further deferrals will ultimately impact service delivery in critical areas such as police, fire and public works. Some of the more significant items that have been deferred or funding reduced includes:

- Brick Street Renovation
- Curb Replacement
- Public Works Utility Vehicle and Equipment: Front End Loader, Snowplows, Chipper and Water/Sewer Utility Truck
- Fire Pumper and Ambulance

## Funding Mechanisms

As the following will describe, the Village has limited remaining bond proceeds available and dedicated revenues to fund a portion of the Village's critical capital needs.

### Bond Proceeds

The General Fund has remaining bond proceeds estimated at \$153,000 at year end 2011. To address the unfunded critical projects, debt may need to be issued.

### Dedicated Road Program Revenues

To adequately maintain the Village's infrastructure and roadways, the Village Engineer recommends an annual \$2 million street resurfacing budget. To fund this program, the Village has the following recurring dedicated revenues:

Motor Fuel Tax	\$750,000
Portion of Vehicle Sticker Sales	\$337,000
Fuel Tax	\$ 90,000
Pavement Degradation Fee	\$ 20,600
Overweight Truck Fines	\$ 10,000
Total Funds Available	\$1,207,600

Given these recurring revenues, the street resurfacing program will be underfunded by approximately \$800,000 each year, resulting in a decline of the pavement condition from good to fair by 2020.

In 2007 and 2008, the dedicated portion of vehicle sticker sales, the fuel tax and pavement degradation revenues were escrowed with the intent to fund the street resurfacing program with operational funds beginning in 2009- \$206,108 remains in unspent dedicated revenues.

Historically, the dedicated revenues have only been applied to the following:

- Annual street resurfacing program (2011-\$456,000)
- Brick street maintenance (2011-\$42,500)
- Crack sealing (2011 \$20,000)
- Pavement marking (2011 \$40,000)

In 2012, the \$206,108 in unspent dedicated revenues may be allocated to the street resurfacing program or to the other street related improvements listed above.

## Conclusion

In 2012 the total cost of critical and recommended General Fund projects programmed in the CIP are as follows:

Critical Projects	\$4,418,165*
Recommended Projects	<u>\$1,381,660</u>
Total 2012 CIP Needs	<u>\$5,699,825</u>

\*\$2,000,000 of this amount is road resurfacing that will be funded using the \$1.5 million identified below

In 2012, the following funds are available to finance the Village's critical roadwork and infrastructure capital needs:

	<u>2012</u>
Existing Bond Proceeds	\$153,135
MFT (\$750,000 annually)*	\$750,000
2012 Dedicated Revenues	\$457,600
Unspent Dedicated Revenues from prior years	<u>\$206,108</u>
Total Funds Available	\$1,566,843

\*Must fund road related projects per the State of Illinois

### **Decision Points**

At the August 16<sup>th</sup> joint Finance and Municipal Services Committee meeting, staff is requesting that the Village Board provide direction regarding the following:

- CIP Projects to include in the proposed 2012 budget
- Amount of additional debt, if any, to incur for CIP related work

The attached spreadsheets identify the impact of CIP projects programmed for 2012 on the tax levy as well as the water and sewer rates.

### **Documents Attached**

1. Tax levy and water/sewer rate spreadsheets
2. Memorandum and corresponding project rankings
3. Spreadsheet summary of critical and recommended projects
4. Cash Flow- engineering expenses financed by dedicated revenues
5. Graph regarding funding levels & corresponding pavement conditions for the street resurfacing program

1/11

Projected Impacts of Funding Critical CIP Items

Financing Source	2012			2013			2014		
	Critical			Critical			Critical		
General Operating	156,000	none*		-	none*		50,000	none*	
General Dedicated	1,500,000	none**		1,500,000	none**		1,500,000	none**	
General Debt	2,762,165	1.8% tax levy increase		1,714,600	1.2% tax levy increase		1,639,000	1.1% tax levy increase	
Sewer Operating	332,500	6 cent sewer rate increase***		210,000	none*		325,000	3 cent sewer rate increase***	
Sewer IEPA Debt	900,000	4 cent sewer rate increase		900,000	4 cent sewer rate increase		2,500,000	10 cent sewer rate increase	
Sewer G.O. Debt	450,000	3 cent sewer rate increase		450,000	2 cent sewer rate increase		650,000	4 cent sewer rate increase	
Water Operating	161,500	none*		72,000	none*		73,000	none*	
Water Debt / Grants	595,000	none*		95,000	none*		145,000	none*	
<b>Totals</b>	<b>6,857,165</b>			<b>4,941,600</b>			<b>6,882,000</b>		

\* Cash flows and existing bond proceeds may be sufficient to finance these items

\*\* Dedicated Revenues include the State Motor Fuel Tax (including the supplemental allotments from video poker), the local fuel tax, the pavement degradation fee and a portion of the vehicle license revenue.

\*\*\* The six cent increase in 2012 would allow for the truck purchase and would carry forward into 2104 to reduce the impact of the incremental sewer repairs.

### Projected Impacts of Funding Recommended CIP Items

Financing Source	2012 Recommended	2013 Recommended	2014 Recommended
General Operating	326,500	614,850	390,600
General Dedicated	1,055,160	469,000	3,282,000
General Debt	120,000	55,000	2,145,700
Sewer Operating	2,180,400	1,656,400	200,500
Sewer IEPA Debt	120,500	300,500	612,850
Sewer G.O. Debt	310,000	504,700	495,000
Water Operating	310,000	210,000	6,226,650
Water Operating - Main Program***			
Water Debt / Grants			
<b>Totals</b>	<b>4,112,560</b>	<b>3,810,450</b>	<b>6,226,650</b>

\* Cash flows and existing bond proceeds may be sufficient to finance these items.

\*\* Items in this category do not have a long enough life expectancy to use debt financing.

\*\*\* Future years' rate impact builds upon the initial year of this program.

## Village of Wilmette – 2011 Mid-Year Financial Review

### 2011 Tax Levy Projections

The 2011 tax levy projection contained in the 2011 budget was as follows:

**Components of 2011 Tax Levy Growth:**

General Operations	393,700	2.81%
Debt Service	79,100	0.56%
Pension Growth	342,000	2.44%
<b>Overall 2011 Tax Levy Growth</b>	<b>814,800</b>	<b>5.81%</b>

With the State’s extension of Fire and Police Pension Funding to 2040 (from 2033), the extraordinary tax levy growth for this can be absorbed in normal operating growth. The projection provided with the actuarial valuations in July was as follows:

**Components of 2011 Tax Levy Growth with Reduction for Police and Fire Pension contributions:**

General Operations	393,700	2.81%
Existing Debt Service	79,100	0.56%
IMRF Pension Growth	80,000	0.57%
<b>Overall 2011 Tax Levy Growth</b>	<b>552,800</b>	<b>3.94%</b>

NOTE - new General Obligation Debt in 2012 will add about .67% to the levy for each \$1 million of debt. Additionally, some consideration should be given to adding \$60,000 related to the holding costs of 611 Green Bay Road – a **.43% increase**.

**Village of Wilmette - 2011 Mid-Year Financial Review**  
**Water / Sewer Rate History and Projections**

	<u>Sewer</u> <u>Rate</u>	<u>Water</u> <u>Rate</u>	<u>Total</u> <u>Rate</u>	<u>% Change</u>
<b>2005</b>	2.37	1.27	3.64	
<b>2006</b>	2.40	1.40	3.80	4.40%
<b>2007</b>	2.46	1.56	4.02	5.79%
<b>2008</b>	2.64	2.01	4.65	15.67%
<b>2009</b>	2.86	2.19	5.05	8.60%
<b>2010</b>	3.10	2.37	5.47	8.32%
<b>2011</b>	3.44	2.49	5.93	8.41%
<b>2012 Projected</b>	3.54	2.58	6.12	3.20%
<b>2013 Projected</b>	3.54	2.58	6.12	0.00%

The above history reflects rate increases necessary in recent years to provide for sewer infrastructure capital improvements as well as improvements for water distribution (e.g. Sheridan Road and the standpipe reconditioning). Additionally, rates have been increased to allow for declining water consumption.

The 2011 budget projected a 10 cent sewer rate increase to begin to improve the near zero reserve balance in that Fund and a 9 cent water rate increase in line with rising debt service. Absent additional capital improvements, it is projected that rates could be held at the 2012 level in 2013.

# Water & Sewer Rate Survey

Municipality	Water Rate	Sewer Rate	Combined Rate
Park Ridge	3.12	3.28	6.40
Deerfield	3.70	2.60	6.30
<b>Wilmette</b>	<b>2.49</b>	<b>3.44</b>	<b>5.93</b>
Evanston	1.67	3.94	5.61
Kenilworth	5.10	0.55	5.65
Northfield	4.01	1.66	5.67
Glenview	4.21	1.29	5.50
Lake Forest	4.92	1.16	6.08
Glencoe	3.35	0.94	3.70
Winnetka	2.76	0.94	3.70
Northbrook	4.08	0.80	4.88
Skokie	3.00	0.00	3.00
Highland Park	1.73	0.55	2.28
<b>Average</b>	<b>3.40</b>	<b>1.63</b>	<b>5.02</b>



#2

# VILLAGE OF WILMETTE

1200 WILMETTE AVE.  
WILMETTE, ILLINOIS 60091

August 8, 2011

**To:** Department Head Staff

**From:** Kathleen Gargano, Assistant Village Manager  
John Prejzner, Assistant to the Village Manager

**Subject:** Ranking CIP Projects

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In order to prioritize the 2011 and 2012 CIP requests, staff has developed a scoring mechanism to prioritize the projects as identified below. This was done in an attempt to quantify each request and is based on a 15 point scale.

Please rank the projects using the following criteria and turn it in at the **Wednesday, August 10<sup>th</sup> staff meeting.**

**Urgency (Max. 3 Points)**

- Critical (3 points)
- Recommended (2 points)
- Contingent on funding (1 point)

**Year Programmed (Max. 3 Points)**

- 2012 (3 points)
- 2013 (2 points)
- 2014+ (1 point)

**Liability (1 Point)**

- Is there liability associated with not doing the project?

**Service Level (Max. 3 Points)**

- Core Service (3 points)
- Secondary Service (2 points)
- Discretionary Service (1 points)

**Funding Source (1 Point)**

- Is there a funding source?

**Public Safety & Infrastructure (Max. 2 Points)**

- Is this public safety related? (1 point)
- Is this public infrastructure related? (1 point)

**Project Alternatives (1 Point)**

- Is this the least costly alternative?

**Project Deferrals (1 Point)**

- Has this project previously been deferred?

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## 2012 CIP- Combined Department Head &amp; Budget Team Rankings

Project	2012 Budget	2013 Budget	Points
SCADA Upgrade	\$ 450,000	\$0	13
Sewer Main Repairs	\$ 450,000	\$450,000	13
Sewer Maintenance	\$ 210,000	\$210,000	12
Sewer Lining and Rehabilitation	\$ 900,000	\$900,000	12
Filter Valve Improvements	\$ 145,000	\$95,000	12
Alley Maintenance Program	\$ 920,000	\$805,000	12
Pavement Marking Program	\$ 40,000	\$45,000	11
Brick Street Maintenance	\$ 463,465	\$45,000	11
Cardiac Defibrillators	\$ 75,000	\$0	11
Street Resurfacing	\$ 2,000,000	\$2,000,000	11
Distribution System Valve Improvements	\$ 71,000	\$72,000	11
Distribution System Leak Detection	\$ 13,000	\$0	11
Replacement Snow Plows	\$ 25,000	\$0	11
Sidewalk Replacement	\$ 63,700	\$65,000	11
Pump 2 Flap Valve Replacement	\$ 20,000	\$0	11
Light Duty Front End Loader (C-21)	\$ 90,000	\$0	11
Ambulance FD (2)	\$ 370,000	\$0	11
Sewer-Water Custom Utility (T-27)	\$ 155,000	\$0	10
Relief Sewer Improvement Program	\$ 966,400	\$1,156,400	10
Sidewalk Snow Plow (C-2)	\$ 110,000	\$0	10
Clean Out Pumping Station	\$ 25,000	\$0	10
Roofing	\$ 40,000	\$40,000	10
Curb Replacement Program	\$ 40,000	\$40,000	9
Water Main Program	\$ 310,000	\$504,700	9
Marked Squad Car (4)	\$ 128,000	\$0	9
Glenview Meter Upgrade	\$ 22,000	\$0	9
Automatic External Defibrillators	\$ 15,000	\$0	9
Replace 1933 LLP Discharge Valves	\$ 40,000	\$0	9
1199 Wilmette Ave Parking Lot Reconstructure	\$ 75,800	\$0	9
Crack Sealing Program	\$ 20,000	\$20,000	9
Security Enhancements	\$ 16,000	\$0	8
Brush Chipper (C-9)	\$ 60,000	\$0	8
Automatic Meter Reading Program	\$ 52,000	\$52,000	8
SWPS Security Improvements	\$ 20,000	\$25,000	7
Replacement of North Bridge Sidewalk and Fence	\$ 291,360	\$0	7
Separate Sewer Area Street Detention Pilot Project	\$ 500,000	\$500,000	7
Pumper- FD 206	\$ 575,000	\$0	7
Brick Street Renovation Project	\$ 233,000	\$239,000	7
Lighting Replacement	\$ 40,000	\$0	7
Fire Hydrant Painting	\$ 6,500	\$6,500	7
Village Hall Exterior Painting	\$ 16,000	\$0	7
Sewer Lateral Lining Pilot Project	\$ 714,000	\$0	7
Streetlight Pole Painting	\$ 12,500	\$12,500	7
Street Pavement Inventory Study	\$ 25,000	\$0	7
HVAC Compressor Replacement	\$ 10,000	\$11,000	6
Content Mgt. Software	\$ 45,000	\$16,500	6
Overhead Sewer Program	\$ 10,000	\$0	6

Maximum Score: 15 points

### 2013 CIP- Combined Department Head & Budget Team Rankings

Project	2012 Budget	2013 Budget	Points
Pump Renovations	\$0	\$30,000	8
Street Sweeper (S-1)	\$0	\$170,000	8
Chemical Storage Tank Improvements	\$0	\$90,000	8
Village Hall Boiler	\$0	\$155,000	8
Clean Out Tanks	\$0	\$50,000	8
Rebuild High Lift	\$0	\$25,000	8
Fire Station 27 Boiler Replacement	\$0	\$99,000	8
Basins 1 & 2	\$0	\$45,000	8
Basin Cleaning Improvements	\$0	\$60,000	8
Roof Repairs	\$0	\$26,000	8
Small Dump Truck (2)	\$0	\$140,000	8
Unmarked Squad Car (3)	\$0	\$89,100	7
Incident Command Vehicle	\$0	\$80,000	7
Passenger Car- FD (2)	\$0	\$95,000	7
Detective 4X4 Utility Vehicle	\$0	\$28,750	7
Surveillance Vehicle	\$0	\$18,000	6
Water Meter Shop Van (T-46)	\$0	\$36,000	6
Buildings and Grounds Custom Utility Vehicles (T-28)	\$0	\$45,000	6
Water Plant Building Renovation	\$0	\$120,000	6
Replacement Sign Shop Lettering System	\$0	\$24,000	6
EMS Paperless Reporting	\$0	\$15,000	5

Maximum Score: 15 points

#3

Page #	Points	Project	Category	2012	2013	2014	Comments
1	7	Lighting Replacements	Facilities	\$ 40,000	\$ -	\$ -	250 T12 lights for Village Hall and 175 in the Police Station
2	8	Village Hall Boiler Replacement	Facilities	\$ -	\$ 155,000	\$ -	Est. Useful Life 20-25 years
							Life in 2011 20 years
							Comments Boiler is 20 years old. Cost of project increases significantly after each deferral
3	7	Village Hall Exterior Painting	Facilities	\$ 16,000	\$ -	\$ -	Comments Original paint is peeling and exposed metal areas are beginning to rust
4	8	Fire Station 27 Boiler Replacement	Facilities	\$ -	\$ 99,000	\$ -	Est. Useful Life 20-25 years
							Life in 2011 20 years
							Comments Boiler is 20 years old. Cost of project will increase over time
5	11	Cardiac Monitor/ Defibrillator	Equipment	\$ 75,000	\$ -	\$ -	7-10 years
							7 years
							Required on all ALS ambulances
7	11	Replacement Snow Plows Wide Area Network (WAN)	Equipment	\$ 25,000	\$ -	\$ 25,000	Comments Scraper blades and mounting hardware for six of the vehicles need to be replaced
8	N/A	Hardware	IT	\$ -	\$ -	\$ 25,000	An integral component of the Village network as phones and WAN are on same infrastructure
10	11	Pump 2 Flap Valve Replacement	Sewer	\$ 20,000	\$ -	\$ -	Original is 47 years old. Replacement will eliminate damage to the pump
11	10	Clean Out Pumping Station Sump	Sewer	\$ 25,000	\$ -	\$ -	Pump should be cleaned every 6-8 years. Last cleaned in 2006. Cleaning is contracted out
12	12	Sewer Lining and Rehabilitation	Sewer	\$ 900,000	\$ 900,000	\$ 2,500,000	Non-evasive process to line and rehabilitate aging sewer infrastructure. Costs fluctuates yearly
14	12	Sewer Maintenance	Sewer	\$ 210,000	\$ 210,000	\$ 325,000	Budget includes cost of contractor repairs, cleaning of 550 drainage structures, and cost of televising/cleaning main line sewers
16	13	Sewer Main Repairs	Sewer	\$ 450,000	\$ 450,000	\$ 650,000	To repair deteriorated sewer mains and service connections as identified by annual sewer televising program

Village of Wilmette  
 Capital Improvements Program  
 Critical Projects 2012 - 2014

Page #	Points	Project	Category	2012	2013	2014	Comments
18	13	SCADA Upgrade	Water	\$ 450,000			Upgrade process to be completed in 2012. The computers and software associated with SCADA is due for replacement in 2015.
20	12	Filter Valve Improvements	Water	\$ 145,000	\$ 95,000	\$ 145,000	Est. Useful Life 35 - 45 years
							Life in 2011 51, 55, & 40 years
							Comments 29 valves will replace existing valves to improve operation of filter unit.
22	11	Distribution System Valve Improvements	Water	\$ 71,000	\$ 72,000	\$ 73,000	Est. Useful Life New valves are installed to comply with Village Ordinance
24	11	Distribution System Leak Detection	Water	\$ 13,000			Required by federal law to conduct an Annual Water Use Audit to document unaccounted for water flow
26	11	Street Resurfacing	Streets	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	Intended to keep the average street condition in the "good or better" category
28	11	Pavement Marking Program	Streets	\$ 40,000	\$ 45,000	\$ 50,000	Mandated by the Federal government to maintain pavement markings
30	11	Brick Street Maintenance	Streets	\$ 463,465	\$ 45,000	\$ 46,400	Program is intended to address isolated deficiencies on brick streets
32	12	Alley Maintenance Program	Streets	\$ 920,000	\$ 805,000	\$ 575,000	To repair alleys ranked between poor and failed before conditions worsen
34	11	Sidewalk Replacement Program	Streets	\$ 63,700	\$ 65,600	\$ 67,600	To replace sidewalk with a tripping hazard of at least 1-1/2 in. and be compliant with ADA regulations
							<b>Vehicle Breakdowns last year</b>
							<b>Comments</b>
							<b>Est. Useful Life</b>
							<b>Life in 2011</b>
							<b>Comments</b>
							<b>Vehicle Breakdowns last year</b>
36	11	Light Duty Front End Loader (C-21)	Vehicles	\$ 90,000			Number of breakdowns are increasing
38	10	Sidewalk Snowplow (C-2)	Vehicles	\$ 110,000			New machine will be equipped to provide more services
40	10	Sewer-Water Custom Utility (T-27)	Vehicles	\$ 155,000			Vehicle is equipped to carry out multiple functions
42	N/A	Squad Rescue Truck- 201	Vehicles			\$ 400,000	Serves as additional support to FD for any incidents

Village of Winnetta  
 Capital Improvements Program  
 Critical Projects 2012 - 2014

					Est. Useful Life	Life in 2011	Comments	Vehicle Breakdowns last year
44	7	Pumper- 206	Vehicles	\$ 575,000			1,500-gallon per min fire pumper with a 500-gallon water tank and a full complement of fire hose, ladders and equipment	27 breakdowns with a total of \$5,749 in repairs
<b>TOTAL</b>				<b>\$ 6,857,165</b>	<b>\$ 4,941,600</b>	<b>\$ 6,882,000</b>		

Village of Wilmette  
 Capital Improvements Program  
 Recommended Projects 2012 - 2014

Page #	Points	Project	Category	2012	2013	2014	
							Comments
1	10	Roofing (excludes Water Plant)	Facilities	\$ 40,000	\$ 40,000	\$ 160,000	Annual maintenance of the roof is required to ensure roof quality. Currently, there are no active leaks
3	8	Security Enhancements	Facilities	\$ 16,000		\$ 60,000	Security enhancements include automated doors, cameras, and installation of a card reader
							Est. Useful Life      Life in 2011      Comments
5	N/A	Village Hall Roof HVAC	Facilities	\$ -	\$ -	\$ 150,000	30 years      38 years      Current system is outdated and difficult to repair
							Comments
7	6	HVAC Compressor Replacement	Facilities	\$ 10,000	\$ 11,000	\$ 45,000	To replace one of the HVAC compressor that is scheduled for replacement in 2012
							Est. Useful Life      Life in 2011      Comments
9	N/A	Village Hall Parking Lot Restoration	Facilities	\$ -	\$ -	\$ 135,000	10 years      13 years      To restore the north and south parking lots at the Hall
							Comments
10	N/A	Replacement Doors and Glass	Facilities	\$ -	\$ -	\$ 50,000	Door style does not meet ADA requirements
							Comments
11	N/A	Yard Paving Improvements	Facilities	\$ -	\$ -	\$ 1,609,000	Due to extreme weather conditions, asphalt has deteriorated and is in need of repair
13	9	Automatic External Defibrillators	Equipment	\$ 15,000	\$ -	\$ -	Used to render immediate first aid to victims before paramedics arrive
14	5	EMS Paperless Reporting	Equipment	\$ -	\$ 15,000		Will reduce the amount of paperwork the Fire Department will have to do when responding to a call

Village of Wilmette  
 Capital Improvements Program  
 Recommended Projects 2012 - 2014

Page #	Points	Project	Category	2012	2013	2014	Comments						
16	6	Replacement Sign Shop - Lettering System	Facilities	\$ -	\$ 24,000	\$ -	Replacement of existing equipment will allow Public Works to produce signs that are beneficial to the entire Village						
18	6	Content Management Software	IT	\$ 45,000	\$ 16,500	\$ -	A two year project intending to improve the computerized financial process of the Village						
19	N/A	GIS Hardware and Software	IT			\$ 107,000	Software can be used as a guide for infrastructure improvements, planning and zoning, and for public safety.						
21	8	Pump Renovations	Sewer	\$ -	\$ 30,000	\$ -	SWPS Pump 3 is due for preventative maintenance in 2013						
22	7	SWPS Security Improvements	Sewer	\$ 20,000	\$ 25,000	\$ -	Replace the chain line fence with a new one and add security cameras, security window film, motion sensors, and door alarms						
24	10	Relief Sewer Improvement Program	Sewer	\$ 966,400	\$ 1,156,400	\$ 645,700	Installation of a relief sewer on 6th Street from Greenwood to Elmwood to reduce the number of flooding and basement backups						
26	7	Separate Sewer Area Street Detention Pilot Project	Sewer	\$ 500,000	\$ 500,000	\$ 500,000	Pilot project is to determine the benefits of on-street storm water detention in separate sewer area west of Ridge Road						
28	7	Sewer Lateral Lining Pilot Project	Sewer	\$ 714,000	\$ -	\$ -	Pilot project is to determine the benefits of sewer lateral lining in reducing basement sewer backups						
30	6	Overhead Sewer Program	Sewer	\$ 100,000	\$ -	\$ -	A grant program to provide assistance to resident who install overhead sewers to protect their homes from sewer backups. Village will contribute 50% but no more than \$5,000 per property.						
31	N/A	Separate Sewer Hydraulic Modeling	Sewer	\$ -	\$ -	\$ 100,000	Project will prepare a computer model of the separate sanitary sewer system located west of Ridge Road						
32	8	Roof Repairs	Water	\$ -	\$ 26,000	\$ 130,000	Repairs are pursued based on a survey that produced a schedule based on roof type, age, and condition						
35	N/A	Filter Repairs	Water	\$ -	\$ -	\$ 20,000	Failure in these pipes would prevent the ability to use the surface wash system, making the backwash much less effective and negatively affect the water quality coming out of these filters						
36	8	Clean Out Tanks	Water	\$ -	\$ 50,000	\$ -	Project includes cleaning the filter media out of Wetwell 2 and cleaning pipe troughs in the pipe gallery						
38	8	Basins 1 & 2	Water	\$ -	\$ 45,000	\$ -	<table border="0"> <tr> <td><b>Est. Useful Life</b></td> <td><b>Life in 2011</b></td> <td><b>Comments</b></td> </tr> <tr> <td>20 years</td> <td>17 years</td> <td>Project will replace basin 1 &amp; 2 four mixers and make modifications to enhance treatment</td> </tr> </table>	<b>Est. Useful Life</b>	<b>Life in 2011</b>	<b>Comments</b>	20 years	17 years	Project will replace basin 1 & 2 four mixers and make modifications to enhance treatment
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Village of Wilmette  
 Capital Improvements Program  
 Recommended Projects 2012 - 2014

Page #	Points	Project	Category	2012	2013	2014	Est. Useful Life	Life in 2011	Comments
40	8	Chemical Storage Tank Improvements	Water	\$ -	\$ 90,000	\$ -	10 - 15 years	55 years	Replacing rubber lining and installing a steel top with a vent line to meet safety standards
<b>Comments</b>									
42	6	Water Plant Building Renovation	Water	\$ -	\$ 120,000	\$ 30,000			Renovations include painting pipes in gallery, replacing cabinets, countertop, and floors to meet safety standards
44	N/A	Rebuild Low Lift Pumps	Water	\$ -	\$ -	\$ 30,000			An efficiency test recommended the Plant rebuild low lift pump 29
45	8	Rebuild High Lift Pumps	Water	\$ -	\$ 25,000	\$ 25,000			An efficiency test recommended the Plant rebuild high lift pump 2, 9, and 4
<b>Comments</b>									
46	9	Replace 1933 LLP Discharge Valves	Water	\$ 40,000	\$ -	\$ -	35-45 years	44-55 years	Plant is experiencing increasing difficulty operating the valves and some leakage
<b>Comments</b>									
47	8	Basin Cleaning Improvements	Water	\$ -	\$ 60,000	\$ -			A piping modification would connect two systems together and permit the shared use of basin cleaning pumps
48	N/A	Replace Low Lift Pump 23 Automatic Meter Reading Program	Water	\$ -	\$ -	\$ 275,000			Low Lift Pump 23 is due for replacement in 2014
49	8	Program	Water	\$ 52,000	\$ 52,000	\$ 52,000			The funding cycle will continue to replace the 2,100 TRACE AMR units with the Orion technology The program includes removing and replacing the two "A" and "B" vault billing meters at the interconnection with Glenview
51	9	Glenview Meter Upgrade	Water	\$ 22,000	\$ -	\$ -			Glenview
52	7	Fire Hydrant Painting	Water	\$ 6,500	\$ 6,500	\$ 6,500			67 fire hydrants will be cleaned, painted, and color-coded reflective stripping will be applied
54	N/A	Unidirectional Water Main Flushing	Water	\$ -	\$ -	\$ 37,000			The AWWA recommends a water system be flushed every 2-4 years using this method
56	N/A	Replace High Lift Flow Meter	Water	\$ -	\$ -	\$ 90,000			Equipment has to be replaced because repair parts are no longer available
57	9	Water Main Program	Water	\$ 310,000	\$ 504,700	\$ 612,850			Replacement of existing water mains on several sites throughout the Village to combat the number of water main breaks in a given year
59	9	Curb Replacement Program	Street	\$ 40,000	\$ 40,000	\$ 20,000			Replacement of curb and gutter to facilitate positive drainage and improve deteriorating conditions

Village of Wilmette  
Capital Improvements Program  
Recommended Projects 2012 - 2014

Page #	Points	Project	Category	2012	2013	2014	Comments						
61	7	Brick Street Renovation Project	Street	\$ 233,000	\$ 239,000	\$ 246,000	Project to renovate brick streets has been deferred since 2008						
63	7	Street Pavement Inventory Study	Street	\$ 25,000	\$ -	\$ -	Cameras, pavement sensor equipment, and visual inspection is used to evaluate the condition of Village streets						
65	7	Streetlight Pole Painting	Street	\$ 12,500	\$ 12,500	\$ 12,500	122 light poles will be scraped, primed, and painted annually						
67	9	Crack Sealing Program	Street	\$ 20,000	\$ 20,000	\$ 20,000	A preventive maintenance measure to extend the life cycle of pavements						
69	9	1199 Wilmette Ave Parking Lot Reconstruction	Facilities	\$ 75,800	\$ -	\$ -	Parking lot shows signs of pavement failure and is in need of rehabilitation						
70	N/A	Wilmette and Central Ave Traffic Signal	Street	\$ -	\$ -	\$ 285,000	To install new traffic signals and control cabinet						
71	7	Replacement of North Bridge Sidewalk and Fence	Street	\$ 291,360	\$ -	\$ -	Replace hazardous sidewalks and deteriorated fences on the Glenview Road Bridge						
<b>Est. Useful Life</b>													
72	8	Brush Chipper (C-9)	Vehicles	\$ 60,000	\$ -	\$ -	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">10 years</td> <td style="width: 33%;">12 years</td> <td style="width: 33%;">New equipment will have more capabilities than previous chipper</td> </tr> <tr> <td></td> <td></td> <td>2 breakdowns with a total of \$670 in repairs</td> </tr> </table>	10 years	12 years	New equipment will have more capabilities than previous chipper			2 breakdowns with a total of \$670 in repairs
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<b>Est. Useful Life</b>													
74	8	Street Sweeper (S-1)	Vehicles	\$ -	\$ 170,000	\$ -	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">8 years</td> <td style="width: 33%;">9 years</td> <td style="width: 33%;">Current road mileage is 33,731. Repair/maintenance averages \$5.83/mile</td> </tr> </table>	8 years	9 years	Current road mileage is 33,731. Repair/maintenance averages \$5.83/mile			
8 years	9 years	Current road mileage is 33,731. Repair/maintenance averages \$5.83/mile											
76	6	Buildings & Grounds Custom Utility Vehicles (T-28)	Vehicles	\$ -	\$ 45,000	\$ -	10-12 years      11 years New unit will be equipped similarly to the previous model						
77	6	Water Meter Shop Van (T-46)	Vehicles	\$ -	\$ 36,000	\$ -	10-12 years      13 years Equipped with mobile meter-reading equipment, storage shelving, emergency lighting, and two-way radio						

Village of Wilmette  
 Capital Improvements Program  
 Recommended Projects 2012 - 2014

Page #	Points	Project	Category	2012	2013	2014	Comments												
78	8	Small Dump Truck (T-11)	Vehicles	\$ -	\$ 70,000	\$ -	8-9 years 7 years Equipped with 4-wheel drive, a 3-yard stainless steel dump body, spreader and automated controls, snowplow, emergency lighting, and two-way radio												
79	8	Small Dump Truck (T-23)	Vehicles	\$ -	\$ 70,000	\$ -	8-9 years 7 years Equipped with 4-wheel drive, a 3-yard stainless steel dump body, spreader and automated controls, snowplow, emergency lighting, and two-way radio												
80	N/A	Backhoe (C-13)	Vehicles	\$ -	\$ -	\$ 110,000	10 years 10 years Equipped with extendable backhoe boom, 12" bucket, 24" bucket, hydraulic breaker, emergency lighting, and two-way radio												
81	N/A	Barricade Trailer (C-8)	Vehicles	\$ -	\$ -	\$ 3,600	10-15 years 15 years Deferred for two years												
82	N/A	Stump Grinder (C-6)	Vehicles	\$ -	\$ -	\$ 26,000	12 years 10 years Equipment purchase deferred for two years												
83	N/A	Traffic Arrow Board (C-31)	Vehicles	\$ -	\$ -	\$ 6,100	12-15 years 14 years Solar powered traffic arrow board. Important for protection of Village employees												
84	N/A	Hot Patch Kettle (C-36)	Vehicles	\$ -	\$ -	\$ 13,000	15 years 14 years Propane-powered equipment deferred for two years												
85	N/A	Aerial Lift Truck (T-12)	Vehicles	\$ -	\$ -	\$ 195,000	12-15 years 12 years Estimated life of equipment extended for another two years. Purchase deferred												
86	N/A	Vehicle Maintenance Utility (T-31)	Vehicles	\$ -	\$ -	\$ 66,000	10-12 years 10 years Equipment purchase deferred for two years												
<table border="1"> <thead> <tr> <th>Est. Useful Life</th> <th>Life in 2011</th> <th>Comments</th> <th>Vehicle Breakdowns last year</th> </tr> </thead> <tbody> <tr> <td>4 years</td> <td>3 years</td> <td>Model to be discontinued in 2011; cost is increasing to \$950/car in 2012</td> <td>Combined: 121 breakdowns with a total of \$21,754 in repairs</td> </tr> <tr> <td>4 years</td> <td>3 years</td> <td>Model to be discontinued in 2011; cost is increasing to \$950/car in 2012</td> <td>55 breakdowns with a total of \$5878 in repairs</td> </tr> </tbody> </table>								Est. Useful Life	Life in 2011	Comments	Vehicle Breakdowns last year	4 years	3 years	Model to be discontinued in 2011; cost is increasing to \$950/car in 2012	Combined: 121 breakdowns with a total of \$21,754 in repairs	4 years	3 years	Model to be discontinued in 2011; cost is increasing to \$950/car in 2012	55 breakdowns with a total of \$5878 in repairs
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87	9	Marked Squad Car-SQ505; 506; 507	Vehicles	\$ 96,000	\$ -	\$ -													
89	9	Marked Squad Car-SQ511	Vehicles	\$ 32,000	\$ -	\$ -													
<table border="1"> <thead> <tr> <th>Est. Useful Life</th> <th>Life in 2011</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td>9 years</td> <td>7 years</td> <td>Light emitting diode emergency lighting and miscellaneous parts needed to facilitate the installation of major components included in estimated cost</td> </tr> </tbody> </table>								Est. Useful Life	Life in 2011	Comments	9 years	7 years	Light emitting diode emergency lighting and miscellaneous parts needed to facilitate the installation of major components included in estimated cost						
Est. Useful Life	Life in 2011	Comments																	
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91	7	Unmarked Squad Car-SQ502	Vehicles	\$ -	\$ 29,700	\$ -													

Village of Wilmette  
 Capital Improvements Program  
 Recommended Projects 2012 - 2014

Page #	Points	Project	Category	2012	2013	2014	Est. Useful Life	Life in 2011	Comments	
93	7	Unmarked Squad Car- Police Chief- SQ509	Vehicles	\$ -	\$ 29,700	\$ -	100,000-120,000 miles	58,000 miles	Light emitting diode emergency lighting and miscellaneous parts needed to facilitate the installation of major components included in estimated cost	
95	7	Detective 4X4 Utility Vehicle	Vehicles	\$ -	\$ 28,750	\$ -	9 years	7 years	Light emitting diode emergency lighting and miscellaneous parts needed to facilitate the installation of major components included in estimated cost	
96	7	Unmarked Squad Car- Deputy Chief- SQ514	Vehicles	\$ -	\$ 29,700	\$ -	100,000-120,000 miles	80,500 miles	Light emitting diode emergency lighting and miscellaneous parts needed to facilitate the installation of major components included in estimated cost	
98	6	Surveillance Vehicle- SQ525	Vehicles	\$ -	\$ 18,000	\$ -	13 years	11 years	Used as an unmarked tactical unit	
99	N/A	Unmarked Squad Car- SQ500	Vehicles	\$ -	\$ -	\$ 29,700	8 years	5 years	Light emitting diode emergency lighting and miscellaneous parts needed to facilitate the installation of major components included in estimated cost	
101	N/A	Marked Squad Car- SQ501	Vehicles	\$ -	\$ -	\$ 32,000	4 years	1 years	Light emitting diode emergency lighting and miscellaneous parts needed to facilitate the installation of major components included in estimated cost	
103	N/A	Shift Supervisor Marked Squad Car- SQ503	Vehicles	\$ -	\$ -	\$ 32,000	4 years	1 years	Light emitting diode emergency lighting and miscellaneous parts needed to facilitate the installation of major components included in estimated cost	
105	N/A	Unmarked Squad Car- SQ523	Vehicles	\$ -	\$ -	\$ 29,700	9 years	6 years	Light emitting diode emergency lighting and miscellaneous parts needed to facilitate the installation of major components included in estimated cost	
							Est. Useful Life	Life in 2011	Comments	Vehicle Breakdowns last year
107	7	Incident Command Vehicle- FD-213	Vehicles	\$ -	\$ 80,000	\$ -	6 years	5 years	Used to respond to all emergency incidents requiring senior staff	17 breakdowns with a total of \$2,604 in repairs

Village of Wilmette  
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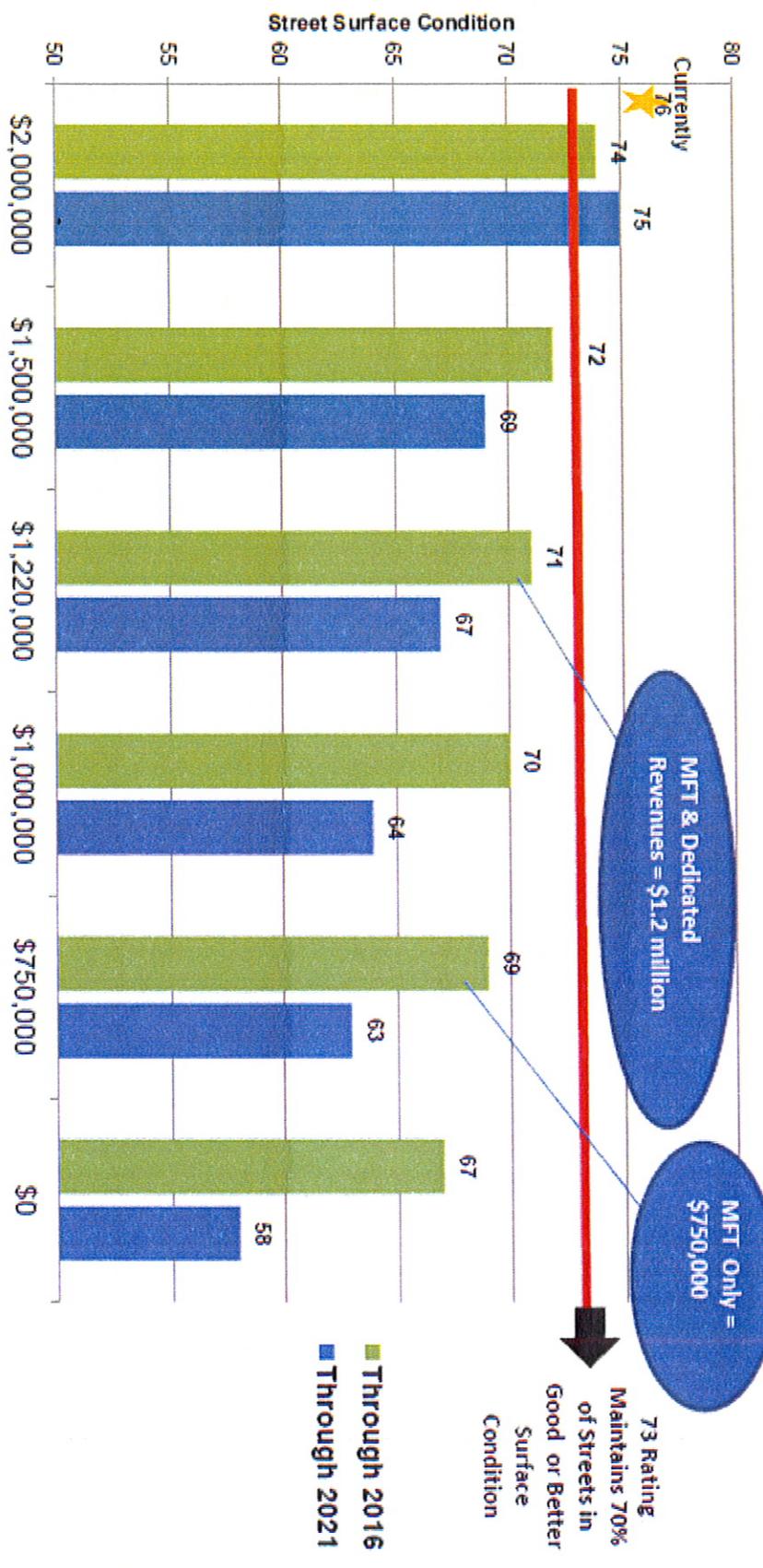
Page #	Points	Project	Category	2012	2013	2014	Est. Useful Life	Life in 2011	Comments	Vehicle Breakdowns last year
109	11	Ambulance FD-211	Vehicles	\$ 185,000	-	\$ -	6 years	10 years	179,700 miles	35 breakdowns with a total of \$5,801 in repairs
111	11	Ambulance FD-212	Vehicles	\$ 185,000	-	\$ -	6 years	5 years	72,250 miles	21 breakdowns with a total of \$2,777 in repairs
113	N/A	Ambulance FD-209	Vehicles	\$ -	-	\$ 185,000	6 years	2 years	23,750 miles	44 breakdowns with a total of \$7,301 in repairs
115	N/A	Passenger Car- FD 208	Vehicles	\$ -	-	\$ 45,000	6 years	3 years	75,525 miles	7 breakdowns with a total of \$2,248 in repairs
117	7	Passenger Car- FD 210	Vehicles	\$ -	45,000	\$ -	6 years	10 years	Used for emergencies and can pull rescue boats. Has 92,400 miles on it.	12 breakdowns with a total of \$4,318 in repairs
119	7	Passenger Car- FD 203	Vehicles	\$ -	50,000	\$ -	6 years	14 years	135,075 miles	repairs
<b>TOTAL</b>				<b>\$ 4,112,560</b>	<b>\$ 3,810,450</b>	<b>\$ 6,226,650</b>				

#4

**Village of Wilmette FY 2011 Budget**  
**Long Range Cash Flow Analysis**  
**Engineering Expenses Financed by Dedicated Revenues**

	<u>2007</u> <u>Actual</u>	<u>2008</u> <u>Actual</u>	<u>2009</u> <u>Actual</u>	<u>2010</u> <u>Projection</u>	<u>2011</u> <u>Projection</u>	<u>2012</u> <u>Projection</u>	<u>2013</u> <u>Projection</u>
Beginning Escrow Balance	-	492,847	984,584	469,008	307,008	206,108	21,200
<b>Dedicated Portion of Vehicle</b>							
License Revenue	324,405	340,907	337,192	337,000	337,000	337,000	337,000
Fuel Tax	96,613	83,228	88,958	90,000	90,000	90,000	90,000
Pavement Degradation Fee	71,829	67,602	26,950	20,000	20,600	20,600	20,600
<b>Dedicated Portion of</b>							
Overweight Fines					10,000	10,000	10,000
<b>Total Dedicated Revenues</b>							
Transferred in from							
General Operating Fund	<u>492,847</u>	<u>491,737</u>	<u>453,100</u>	<u>447,000</u>	<u>457,600</u>	<u>457,600</u>	<u>457,600</u>
Road Resurfacing			968,676	400,000	456,000		
Alley Maintenance				150,000			
Brick Street Maintenance				20,000	42,500		
Crack Sealing				20,000	20,000		
Pavement Marking				19,000	40,000		
<b>Total Expenses financed from</b>							
Dedicated Revenues	<u>-</u>	<u>-</u>	<u>968,676</u>	<u>609,000</u>	<u>558,500</u>	<u>642,508</u>	<u>478,800</u>
<b>End of Year Escrow Balance</b>	<u>492,847</u>	<u>984,584</u>	<u>469,008</u>	<u>307,008</u>	<u>206,108</u>	<u>21,200</u>	<u>-</u>

#5



**Surface Conditions Relative Remaining Life**

Excellent	100 - 85	12-15 Years
Very Good	84 - 80	10-12 Years
Good	79 - 70	8-10 Years
Fair	69 - 60	6-8 Years
Poor	59 - 40	3-6 Years

\*Brick streets are not included in this pavement analysis.



**2012 STREET RESURFACING PROGRAM**

100% funding

**Recommended Annual Street resurfacing: \$2,000,000**

**Unfunded needs: \$792,400**

60% funded

**Dedicated Revenues: \$1,207,600**

Motor Fuel Tax: \$750,000

Vehicle Stickers: \$337,000

Gasoline Tax: \$90,000

Pavement Degradation: \$20,600

Overweight Truck Fines \$10,000