

# Memorandum

## Public Works Department



**To:** City Manager  
**Subject:** Five Year Capital Improvement Plan (CIP)  
**Date:** March 11, 2013  
**Number:** 2013-045

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The draft Five Year Capital Improvement Plan for FY14 through FY18 was presented to the City Council on January 14, 2013. The attached final version of the document includes several modifications based upon comments received during the review process.

**9<sup>th</sup> Street Resurfacing, 31<sup>st</sup> Avenue to Blackhawk Road** (page 10, line 6) – This project was deferred until FY15 because of the new private developments planned along the route in FY14. This will avoid the need for the new 9<sup>th</sup> Street pavement to carry the construction traffic from the private developments. The change ripples through the summary pages and the gaming allocation table (page 6, line 43).

**Allocation of Gaming Funds and the General Fund Carryover** (pages 4 through 7) – The table has been reformatted to more clearly present the planned expenditures for FY14. In addition to the reformatting, there were a few changes to the expenditures.

- Advance engineering, legal and property acquisition expenses (page 4, line 3) – The total allocation was increased to \$856,638 by committing more from the General Fund carryover.
- Jumer's Crossing land debt service (page 4, line 9) – A gaming funds expenditure of (\$145,000) was added to pay the debt service incurred by the purchase of the land that will become Jumer's Crossing.
- Emergency Generators for Fire Stations (page 4, line 10) – Emergency generators will be purchased using part (\$139,000) of the General Fund carryover.
- Accelerated Preliminary Engineering for Shadybrook Addition Street Improvements (page 5, line 30; page 6, line 31) – The survey and preliminary engineering will be undertaken in FY14 using part of the General Fund carryover. Construction is still scheduled for FY17 and FY18.
- District Events Management (page 6, line 32) - This expenditure from gaming funds was increased from \$20,000 to \$28,500.
- 38<sup>th</sup> Street Resurfacing, 31<sup>st</sup> Avenue to Blackhawk Road (page 7, line 48) – The FY17 expenditure in the draft CIP was a typographical error.

**Water Utility Projects and Sewer Utility Projects** – The draft CIP incorrectly included water and sewer improvements in 20<sup>th</sup> Street between 7<sup>th</sup> and 18<sup>th</sup> Avenue in FY18 in conjunction with a street project. These utility improvements will be scheduled when the street project is included in a future edition of the CIP.

In addition, the City Council requested background information on three street improvement candidates for a future edition of the CIP.

- 31<sup>st</sup> Street between 5<sup>th</sup> and 7<sup>th</sup> Avenue – The concrete pavement has failed and needs to be replaced. The estimated cost of the new pavement and storm sewer system upgrade is \$322,000. In addition, the project would include \$181,000 for water system improvements.
- 41<sup>st</sup> Street between 8<sup>th</sup> and 9<sup>th</sup> Avenue – The brick pavement has failed and needs to be replaced. The estimated cost of the new concrete pavement and storm sewer upgrade is \$225,000. The Historic Preservation Commission would need to approve the use of concrete instead of brick for the new street. In addition, the project would include \$96,000 for water system improvements and \$25,000 for sewer system improvements.
- 45<sup>th</sup> Street between 9<sup>th</sup> and 10<sup>th</sup> Avenue – The brick pavement has failed and needs to be replaced. The estimated cost of the new concrete pavement and storm sewer upgrade is \$397,000. The Historic Preservation Commission would need to approve the use of concrete instead of brick for the new street. In addition, the project would include \$157,000 for water system improvements and \$30,000 for sewer system improvements.

### **RECOMMENDATION**

The Public Works Department recommends that the City Council...

- approve the attached Five Year Capital Improvement Plan,
- authorize the staff to implement the FY14 projects and expenditures and
- begin preliminary engineering for the FY15 projects.

**Submitted by:** Robert T. Hawes, P.E., Assistant City Manager/Public Works Director

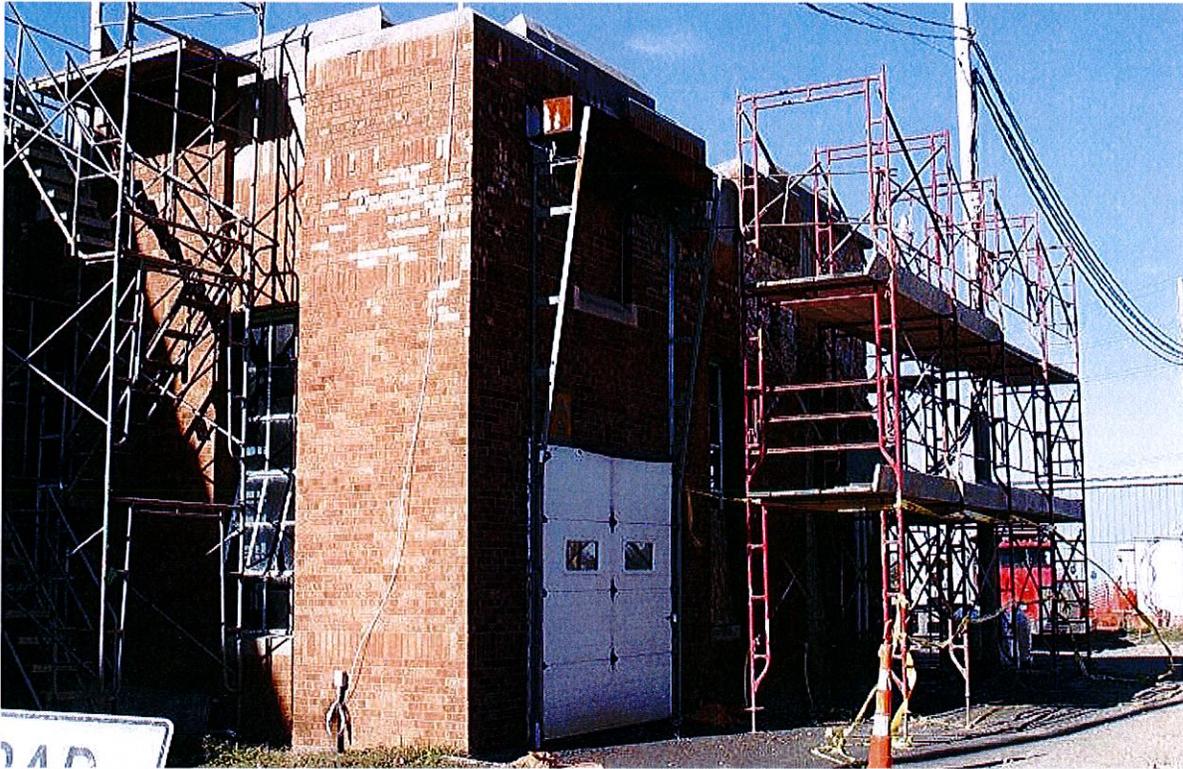
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**Approved by:** Thomas Thomas, City Manager

# Capital Improvement Plan FY2014-2018

City of Rock Island

Public Works Department



**Mill Street Wastewater Treatment Plant Expansion**



**City of Rock Island, Illinois  
Capital Improvement Plan (CIP)  
FY14 through FY18**

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**City of Rock Island, Illinois  
Five Year Capital Improvement Plan (CIP)  
FY14 through FY18**

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One of the City's most important and fundamental responsibilities is maintaining the integrity of its infrastructure. This is accomplished through preventative maintenance, repairs and capital improvements. The following documents reflect the planned investment of about \$92.6M in capital improvements in the next five years.

**Gaming Revenues**

The CIP assumes that the gaming tax will provide \$30.0M for capital improvements, contract maintenance and economic development activities in the next five years. About 79% (\$23.8M) of the anticipated revenue is tentatively allocated and the remainder (\$6.2M) will be earmarked in future editions of the CIP.

**Street System**

Street improvements continue to be an important component of the CIP. 19% (\$17.6M) of the CIP expenditures will be invested in the street system. The primary revenue sources for the street improvement projects are gaming revenue (\$6.0M), general obligation bonds retired by special assessment and gaming revenue (\$4.8M) and state/federal grants (\$7.9M).

**Miscellaneous Improvements**

The major project in this category is the construction of a new Police Department facility. Preliminary planning is underway and design could be underway as soon as June 2013. The goal is to have the new facility in service by April 2016. The CIP assumes that the \$19M cost of the facility will be financed by general obligation bonds and the bonds will be retired using gaming tax revenue.

**Water Utility**

The water utility has four long-range goals.

- ❑ **Production Quality** – The City will produce water that surpasses state and federal drinking water quality standards.
- ❑ **Production Quantity** – The City will produce enough water to satisfy all customer and fire protection needs.
- ❑ **Water Distribution Quantity and Reliability** – The City will dependably deliver water at pressures and volumes that allow all customers to utilize normal plumbing fixtures.
- ❑ **Fire Protection** – The City will deliver enough water to all neighborhoods to satisfy the capabilities of modern fire suppression equipment.

The first two goals are being satisfied. The last two are not being met at this time, but progress is being made. The progress will continue through completion of the projects identified in the CIP.

The water utility CIP reflects three major categories.

**Water Tower Investments (\$1.1M)**

The City must continue to maintain its six water towers. The tower at the intersection of 38<sup>th</sup> Street with 30<sup>th</sup> Avenue was rehabilitated in 2007, the tower at the intersection of 14<sup>th</sup> Street with 42<sup>nd</sup> Avenue was replaced in 2011 and the tower at the Water Treatment Plant was rehabilitated in 2012. The CIP assumes that the other three towers will be rehabilitated between FY15 and FY17.

**Watermain Replacements Coordinated with Street Improvements (\$664,000)**

Deteriorated and inadequate watermains are being replaced as part of street improvement projects. This is a very effective use of resources because the water utility avoids most of the costs of pavement patching when the underground work is coordinated with the pavement improvements.

**Neighborhood Water System Improvements (\$1.4M)**

This category includes projects that relieve neighborhood water system reliability and flow quantity deficiencies through the systematic replacement of undersized and deteriorated watermains.

**Sewer Utility**

Some old sewers retain enough structural capacity and shape to be rehabilitated by the insertion of a structural liner. This is a cost effective alternative to pipeline replacement because it avoids the need for open excavation and the resulting street restoration costs. The process also creates far less inconvenience for sewer customers. The operating budget for the Sewer Fund includes about \$300,000 per year for the annual sewer lining program. The locations are determined based upon sewer maintenance and inspection records.

The sewer utility CIP includes projects in three general categories.

**Long Term Control Plan (\$45.9M)**

The federally mandated Combined Sewer Long Term Control Plan (LTCP) continues to dominate the sewer chapter of the CIP. The LTCP has been underway for the past several years and, by the time all the construction is completed in 2018, the City will have invested over \$70M. The CIP assumes that the majority of the money needed for these improvements will be secured through long term, low interest loans from the State of Illinois.

The largest project required by the LTCP is the expansion of the wet weather treatment capacity of the Mill Street Sewage Treatment Plant. The maximum treatment capacity of the plant is currently 16 million gallons per day. After its expansion, the plant will be capable of treating 106 million gallons per day. The project construction began in September 2011 and it will be completed in early 2014.

### **Sewer Improvements Coordinated with Street Construction (\$117,500)**

Deteriorated sewers are being replaced as part of street improvement projects. This is an effective use of resources, because the sewer utility avoids most or all the costs of pavement patching when the underground work is coordinated with the pavement improvements.

### **Targeted Sewer Replacements (\$2.2M)**

Some old sewers have deteriorated too badly to be rehabilitated or they are undersized. In these cases, the pipes must be replaced. The CIP includes four projects in this category.

### **Stormwater Utility**

One of the primary reasons for the stormwater utility was to create a dedicated revenue source to fund a proactive approach to stormwater management. The CIP includes \$750,000 to address storm sewer system problems that are beyond the capability of the in-house work crews.

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If you have questions or comments about this information, please contact....

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**Allocation of Gaming Funds and the General Fund Carryover**

	Expenditures	FY14			Gaming				Comment
		General Fund Carryover	Gaming	Total Allocation	FY15	FY16	FY17	FY18	
1	Contract Street Maintenance		\$ 1,225,000	\$ 1,225,000	\$ 1,225,000	\$ 1,225,000	\$ 1,225,000	\$ 1,225,000	
2	23rd Avenue Reconstruction		\$ 950,000	\$ 950,000					total project cost = \$1,529,000; \$579,000 from GO Bonds plus \$950,000 from Gaming Revenue
3	Advance engineering, legal and property acquisition expenses	\$ 706,638	\$ 150,000	\$ 856,638					seed money for preliminary work on economic development projects
4	FY14 Local Street Improvements		\$ 600,000	\$ 600,000					37th Avenue, 30-34; 34th Street, 35-38; 20th Avenue, 32-34)
5	Special Assessment Debt Service		\$ 401,000	\$ 401,000	\$ 401,000	\$ 401,000	\$ 401,000	\$ 401,000	
6	Economic Development Project Tax Rebates		\$ 255,000	\$ 255,000					
7	Facade Improvement Program		\$ 250,000	\$ 250,000					
8	11th Street Sidewalk Improvements, Phase 2		\$ 215,000	\$ 215,000					Phase 2 of ADA upgrade required by Illinois Attorney General
9	Jumer's Crossing land debt servie		\$ 145,000	\$ 145,000					
10	Emergency Generators for Fire Stations (4)	\$ 139,000		\$ 139,000					
11	Development Association of Rock Island		\$ 135,000	\$ 135,000					
12	City Marketing Program		\$ 129,500	\$ 129,500					
13	Scheduled Computer Equipment Replacement		\$ 125,000	\$ 125,000					
14	Police Station Repairs		\$ 125,000	\$ 125,000					tuckpointing, canopy roof, stone steps; Dept of Labor complaint
15	MLK Center Expansion Debt Service		\$ 122,750	\$ 122,750	\$ 119,250	\$ 120,750	\$ 122,075	\$ 123,225	last payment in FY19

**Allocation of Gaming Funds and the General Fund Carryover**

	Expenditures	FY14		Gaming				Comment	
		General Fund Carryover	Gaming	Total Allocation	FY15	FY16	FY17		FY18
16	Whitewater Junction Principal Payment		\$ 100,000	\$ 100,000	\$ 105,000	\$ 105,000	\$ 110,000		last payment in FY17
17	Fleet and Marina Software Replacement		\$ 100,000	\$ 100,000					
18	Substandard Structure Demolitions		\$ 100,000	\$ 100,000					
19	Financial Software Debt Service		\$ 98,325	\$ 98,325					last payment in FY14
20	Ridgewood Sustainable Business Park Bonds Debt Service		\$ 87,097	\$ 87,097	\$ 88,000	\$ 88,000	\$ 88,000	\$ 88,000	\$1,500,000 @ 2.60% X 20 years
21	Street Condition Survey		\$ 85,000	\$ 85,000					
22	Fiber Optic Infrastructure Improvement		\$ 80,000	\$ 80,000					
23	Downtown and Neighborhood Cameras		\$ 60,000	\$ 60,000					
24	Social Service Organizations		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	
25	50/50 Sidewalk, Curb and Tree Program		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	
26	Velie Drive Subgrade Stabilization		\$ 50,000	\$ 50,000					north of Valley View Drive
27	QC First		\$ 48,000	\$ 48,000					
28	Main Library Chimney Repair		\$ 47,500	\$ 47,500					rebuild the chimney using the existing brick
29	FY15 Local Street Improvements		\$ 40,000	\$ 40,000	\$ 560,000				8th Avenue, 42-46; 9th Avenue, 44 1/2-46)
30	FY17 Local Street Improvements	\$ 30,000		\$ 30,000	\$ 560,000				Shadybrook Addition, Phase 1

**Allocation of Gaming Funds and the General Fund Carryover**

	Expenditures	FY14			Gaming				Comment
		General Fund Carryover	Gaming	Total Allocation	FY15	FY16	FY17	FY18	
31	FY18 Local Street Improvements	\$ 30,000		\$ 30,000		\$ 560,000			Shadybrook Addition, Phase 2
32	District Events Management		\$ 28,500	\$ 28,500					
33	Upgrade the Public Access Channel and the City Council Chambers		\$ 25,000	\$ 25,000					
34	7th Avenue Resurfacing, 30th to 38th Street		\$ 20,000	\$ 20,000	\$ 280,000				
35	Chamber of Commerce		\$ 20,000	\$ 20,000					
36	Hauberg Center - Replace Boiler		\$ 20,000	\$ 20,000					
37	Keep Rock Island Beautiful		\$ 18,500	\$ 18,500					
38	Smartboards (2)		\$ 14,000	\$ 14,000					Finance Department and Public Works Department
39	Rock Island Arsenal Lobbying		\$ 10,000	\$ 10,000					
40	Labor Day Parade		\$ 9,000	\$ 9,000					
41	River Action		\$ 7,745	\$ 7,745					
42	Advanced Technology and Sustainability Coalition		\$ 3,000	\$ 3,000					
43	9th Street Resurfacing, 31st Avenue to Blackhawk Road				\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$2,200,000 @ 2.60% X 20 years
44	Police Department Facility Replacement Debt Service				\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$19,000,000 @ 2.6% X 20 years; project to be completed in 2015
45	18th Avenue Resurfacing, 17th Street to Moline				\$ 200,000	\$ 500,000			total project cost = \$3,500,000; \$2,800,000 from a federal grant plus \$700,000 from Gaming Revenue

**Allocation of Gaming Funds and the General Fund Carryover**

Expenditures	FY14			Gaming				Comment
	General Fund Carryover	Gaming	Total Allocation	FY15	FY16	FY17	FY18	
46 FY16 Local Street Improvements				\$ 40,000	\$ 560,000			20th Avenue, 27-30; 29th Avenue,27-29)
47 38th Street Resurfacing, 7th to 18th Avenue					\$ 175,000	\$ 375,000		total project cost = \$2,750,000; \$2,200,000 from a federal grant plus \$550,000 from Gaming Revenue
48 38th Street Resurfacing, 31st Avenue to Blackhawk Road						\$ 100,000	\$ 228,288	total project cost = \$1,640,000; \$1,311,712 from a federal grant plus \$328,288 from Gaming Revenue
49 subtotal	\$ 905,638	\$ 5,999,917	\$ 6,905,555	\$ 5,078,250	\$ 5,234,750	\$ 3,921,075	\$ 3,565,513	
50 available funds	\$ 905,638	\$ 6,000,000	\$ 6,905,638	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	
51 unobligated or (over-obligated)	\$ -	\$ 83	\$ 83	\$ 921,750	\$ 765,250	\$ 2,078,925	\$ 2,434,487	

### Five Year Capital Improvement Plan Summary

		FY14	FY15	FY16	FY17	FY18	Total
1	<b>Expenditures</b>						
2	Street Improvements	\$ 2,843,250	\$ 4,601,000	\$ 5,028,000	\$ 3,045,000	\$ 2,040,000	\$ 17,557,250
3	Miscellaneous Improvements	\$ 4,300,000	\$ 9,085,000	\$ 9,085,000	\$ 85,000	\$ 85,000	\$ 22,640,000
4	Water System Improvements	\$ 622,000	\$ 1,015,000	\$ 677,000	\$ 1,085,000	\$ 25,000	\$ 3,424,000
5	Sewer System Improvements	\$ 24,335,407	\$ 11,082,331	\$ 7,592,669	\$ 3,485,000	\$ 1,695,000	\$ 48,190,407
6	Stormwater System Improvements	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
7	<b>Total Expenditures</b>	\$ 32,250,657	\$ 25,933,331	\$ 22,532,669	\$ 7,850,000	\$ 3,995,000	\$ 92,561,657
8	<b>Revenue</b>						
9	Government Grants						
10	Street and Miscellaneous Improvements	\$ 1,614,250	\$ -	\$ 2,800,000	\$ 2,200,000	\$ 1,311,712	\$ 7,925,962
11	Contributions						
12	Street and Miscellaneous Improvements	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 175,000
13	General Obligation Bonds						
14	Street and Miscellaneous Improvements	\$ 19,579,000	\$ 2,971,000	\$ 423,000	\$ 370,000	\$ 500,000	\$ 23,843,000
15	City Gaming Tax						
16	Street and Miscellaneous Improvements	\$ 1,660,000	\$ 1,690,000	\$ 1,845,000	\$ 525,000	\$ 278,288	\$ 5,998,288
17	Carryover from Previous Year						
18	Street and Miscellaneous Improvements	\$ 2,195,000	\$ -	\$ -	\$ -	\$ -	\$ 2,195,000

**Five Year Capital Improvement Plan Summary**

		FY14	FY15	FY16	FY17	FY18	Total
19	Water Utility Charges						
20	Water System Improvements	\$ 622,000	\$ 1,015,000	\$ 677,000	\$ 1,085,000	\$ 25,000	\$ 3,424,000
21	Illinois Revolving Loan Fund						
22	Sewer System Improvements	\$ 23,599,998	\$ 9,940,400	\$ 5,416,669	\$ -	\$ -	\$ 38,957,067
23	Sewer Use Charges						
24	Sewer System Improvements	\$ 735,409	\$ 1,141,931	\$ 2,176,000	\$ 3,485,000	\$ 1,695,000	\$ 9,233,340
25	Stormwater Charges						
26	Stormwater System Improvements	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
27	<b>Total Revenue</b>	<b>\$ 50,190,657</b>	<b>\$ 16,943,331</b>	<b>\$ 13,522,669</b>	<b>\$ 7,850,000</b>	<b>\$ 3,995,000</b>	<b>\$ 92,501,657</b>

28

29 The difference between total expenditures and total revenue reflects the cash on hand.

## Street and Miscellaneous Capital Improvements

		FY14	FY15	FY16	FY17	FY18	Totals
1	<b>Expenditures</b>						
2	<b>Arterial, Collector and Downtown Streets</b>						
3	<b>7th Avenue Resurfacing, 30th to 38th Street</b>	\$ 20,000	\$ 280,000				\$ 300,000
4	The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. All costs will be paid by city gaming tax revenue.						
5							
6	<b>9th Street Resurfacing, 31st Avenue to Blackhawk Rd</b>		\$ 2,200,000				\$ 2,200,000
7	The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. The city will sell general obligation bonds to finance the project. The debt service for the bonds will be paid with city gaming tax revenue.						
8							
9	<b>18th Avenue Resurfacing, 17th Street to Moline</b>		\$ 200,000	\$ 3,300,000			\$ 3,500,000
10	The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. The street will be reconfigured to provide one lane in each direction and a bi-directional left turn lane. The costs are expected to be paid by a federal grant (\$2,800,000) and city gaming tax revenue (\$700,000).						
11							
12	<b>38th Street Resurfacing, 7th to 18th Avenue</b>			\$ 175,000	\$ 2,575,000		\$ 2,750,000
13	The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. The costs are expected to be paid by a federal grant (\$2,200,000) and city gaming tax revenue (\$550,000).						
14							
15	<b>38th Street Resurfacing, 31st Avenue to Blackhawk Road</b>				\$ 100,000	\$ 1,540,000	\$ 1,640,000
16	The severely deteriorated portions of the existing pavement will be replaced and a new asphalt driving surface will be added to the street. The costs will be paid from a federal grant (\$1,311,712) and city gaming tax revenue (\$328,288).						
17							

## Street and Miscellaneous Capital Improvements

FY14	FY15	FY16	FY17	FY18	Totals
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18 **Local Streets - Special Assessments Financed with General Obligation Bonds and Gaming Funds (FY14 only)**

19 The existing pavements will be removed and replaced. The city water, sewer and stormwater facilities will be evaluated and upgraded as needed. A portion of the  
 20 cost will be assessed to adjacent properties.

21 <b>23rd Avenue Reconstruction, 12th to 17th Street (\$579,000                  from bonds; \$950,000 from gaming revenue)</b>	\$ 1,529,000				\$ 1,529,000
22 <b>23rd Street Reconstruction, 10th to 12th Avenue</b>	\$ 771,000				\$ 771,000
23 <b>22 1/2 Avenue Reconstruction east of 29th Street</b>		\$ 210,000			\$ 210,000
24 <b>26th Street Reconstruction north of 13th Avenue</b>		\$ 213,000			\$ 213,000
25 <b>45th Street Reconstruction, 23rd to 24th Avenue</b>			\$ 130,000		\$ 130,000
26 <b>25th Street Reconstruction, 18th to 20th Avenue</b>			\$ 240,000		\$ 240,000
27 <b>Reconstruction of 41st Avenue east of 44th Street, 41st                  Avenue Court and 45th Street Court</b>				\$ 500,000	\$ 500,000

28 **Local Streets - Special Assessments Financed with City Gaming Tax Revenue**

29 The street pavements in this category are in significantly better condition than most of the projects included in the previous category. These projects involve  
 30 minimal pavement removal and replacement and the addition of a new asphalt driving surface. As a result, the unit cost for these projects is much less than the  
 costs of the projects in the previous section. A portion of the costs will be assessed to adjacent properties.

31 <b>FY2014 Construction Program</b>	\$ 600,000				\$ 600,000
32 <b>37th Avenue, 30th to 34th Street</b>					
33 <b>34th Street, 35th to 38th Avenue</b>					
34 <b>20th Avenue, 32nd to 34th Street</b>					

### Street and Miscellaneous Capital Improvements

	FY14	FY15	FY16	FY17	FY18	Totals
35 <b>FY2015 Construction Program</b>	\$ 40,000	\$ 560,000				\$ 600,000
36                   8th Avenue, 42nd to 46th Street						
37                   9th Avenue, 44½ to 46th Street						
38 <b>FY2016 Construction Program</b>		\$ 30,000	\$ 570,000			\$ 600,000
39                   20th Avenue, 27th to 30th Street						
40                   29th Avenue, 27th to 29th Street						
41 <b>FY2017 Construction Program (Shadybrook Addn, Phase 1)</b>	\$ 30,000	\$ 560,000				\$ 590,000
42                   7th Street West, 79th to 84th Avenue West						
43                   8th Street West, 79th to 84th Avenue West						
44                   82nd Avenue West, 8th to 9th Street West						
45 <b>FY2018 Construction Program (Shadybrook Addn, Phase 2)</b>	\$ 30,000		\$ 560,000			\$ 590,000
46                   9th Street West, 79th to 83rd Avenue West						
47                   10th Street West, 79th to 84th Avenue West						
48                   80th Avenue West, 9th to 10th Street West						

### Street and Miscellaneous Capital Improvements

	FY14	FY15	FY16	FY17	FY18	Totals
49 <b>Special Projects</b>						
50 <b>50/50 Sidewalk, Curb and Tree Program</b>	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000
51 Residents can replace deteriorated sidewalks or curbs and plant boulevard trees using this program. The resident pays one-half of the construction cost. The city						
52 pays the other one-half the construction cost plus all administrative costs from city gaming tax revenues.						
53 <b>Police Facility Construction</b>	\$ 1,000,000	\$ 9,000,000	\$ 9,000,000			\$ 19,000,000
54 The City will construct a new police facility at a location to be determined and renovate the existing police facility for use by other City departments. The project will						
55 be financed by general obligation bonds. The bonds will be retired with gaming tax revenue. The design will begin in 2013 and target completion date for the						
56 facility is April 1, 2016.						
<b>New Expenditure Sub-Total</b>	<b>\$ 3,334,000</b>	<b>\$ 13,686,000</b>	<b>\$ 14,113,000</b>	<b>\$ 3,130,000</b>	<b>\$ 2,125,000</b>	<b>\$ 36,388,000</b>
57 <b>Carryover Projects</b>						
58 11th Street Sidewalk Improvements between 25th and 42nd Avenue	\$ 215,000					\$ 215,000
59 Ridgewood Road Sustainable Business Park	\$ 3,000,000					\$ 3,000,000
60 5th Street Resurfacing between 18th and 25th Avenue	\$ 594,250					\$ 594,250
61 <b>Carryover Project Total</b>	<b>\$ 3,809,250</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,809,250</b>
62 <b>Total Expenditures</b>	<b>\$ 7,143,250</b>	<b>\$ 13,686,000</b>	<b>\$ 14,113,000</b>	<b>\$ 3,130,000</b>	<b>\$ 2,125,000</b>	<b>\$ 40,197,250</b>

## Street and Miscellaneous Capital Improvements

	FY14	FY15	FY16	FY17	FY18	Totals
63						
64	<b>Revenue</b>					
65	<b>\$ 1,614,250</b>	<b>\$ -</b>	<b>\$ 2,800,000</b>	<b>\$ 2,200,000</b>	<b>\$ 1,311,712</b>	<b>\$ 7,925,962</b>
66	5th Street Resurfacing between 18th and 25th Avenue	\$ 114,250				
67	Ridgewood Road Sustainable Business Park	\$ 1,500,000				
68	18th Avenue Resurfacing, 17th Street to Moline		\$ 2,800,000			
69	38th Street Resurfacing, 7th to 18th Avenue			\$ 2,200,000		
70	38th Street Resurfacing, 31st Avenue to Blackhawk Road				\$ 1,311,712	
71	<b>Contributions</b>					
72	50/50 Sidewalk, Tree and Curb Program	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 175,000
73	<b>General Obligation Bonds</b>					
74	23rd Avenue Reconstruction, 12th to 17th Street	\$ 579,000				
75	Police Facility	\$ 19,000,000				
76	9th Street Resurfacing, 31st Avenue to Blackhawk Rd		\$ 2,200,000			
77	23rd Street Reconstruction, 10th to 12th Avenue		\$ 771,000			
78	22 1/2 Avenue Reconstruction east of 29th Street			\$ 210,000		
79	26th Street Reconstruction north of 13th Avenue			\$ 213,000		

### Street and Miscellaneous Capital Improvements

	FY14	FY15	FY16	FY17	FY18	Totals
80				\$ 130,000		
81				\$ 240,000		
82					\$ 500,000	
83	<b>City Gaming Tax</b>	<b>\$ 1,660,000</b>	<b>\$ 1,690,000</b>	<b>\$ 1,845,000</b>	<b>\$ 525,000</b>	<b>\$ 278,288</b>
84	50/50 Sidewalk, Curb and Tree Program	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	
85	23rd Avenue Reconstruction, 12th to 17th Street	\$ 950,000				
86	37th Avenue, 30th to 34th Street	\$ 200,000				
87	34th Street, 35th to 38th Avenue	\$ 200,000				
88	20th Avenue, 32nd to 34th Street	\$ 200,000				
89	7th Avenue Resurfacing, 30th to 38th Street	\$ 20,000	\$ 280,000			
90	8th Avenue, 42nd to 46th Street	\$ 20,000	\$ 280,000			
91	9th Avenue, 44½ to 46th Street	\$ 20,000	\$ 280,000			
92	18th Avenue Resurfacing, 17th Street to Moline		\$ 200,000	\$ 500,000		
93	20th Avenue, 27th to 30th Street		\$ 20,000	\$ 280,000		
94	29th Avenue, 27th to 29th Street		\$ 20,000	\$ 280,000		
95	38th Street Resurfacing, 7th to 18th Avenue			\$ 175,000	\$ 375,000	
96	7th Street West, 79th to 84th Avenue West		\$ 185,000			

### Street and Miscellaneous Capital Improvements

		FY14	FY15	FY16	FY17	FY18	Totals
97	8th Street West, 79th to 84th Avenue West		\$ 185,000				
98	82nd Avenue West, 8th to 9th Street West		\$ 190,000				
99	38th Street Resurfacing, 31st Avenue to Blackhawk Road				\$ 100,000	\$ 228,288	
100	9th Street West, 79th to 83rd Avenue West			\$ 185,000			
101	10th Street West, 79th to 84th Avenue West			\$ 185,000			
102	80th Avenue West, 9th to 10th Street West			\$ 190,000			
103	<b>Total New Revenue</b>	<b>\$ 22,888,250</b>	<b>\$ 4,696,000</b>	<b>\$ 5,103,000</b>	<b>\$ 3,130,000</b>	<b>\$ 2,125,000</b>	<b>\$ 37,942,250</b>
104	<b>Carryover Revenue</b>						
105	11th Street Sidewalk Improvements between 25th and 42nd Avenue (Gaming Tax)	\$ 215,000					\$ 215,000
106	Ridgewood Road Sustainable Business Park (GO Bonds)	\$ 1,500,000					\$ 1,500,000
107	5th Street Resurfacing between 18th and 25th Avenue (Gaming Tax)	\$ 480,000					\$ 480,000
108	<b>Total Carryover Revenue</b>	<b>\$ 2,195,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,195,000</b>
109	<b>Total Revenue</b>	<b>\$ 25,083,250</b>	<b>\$ 4,696,000</b>	<b>\$ 5,103,000</b>	<b>\$ 3,130,000</b>	<b>\$ 2,125,000</b>	<b>\$ 40,137,250</b>

### Water Utility Projects

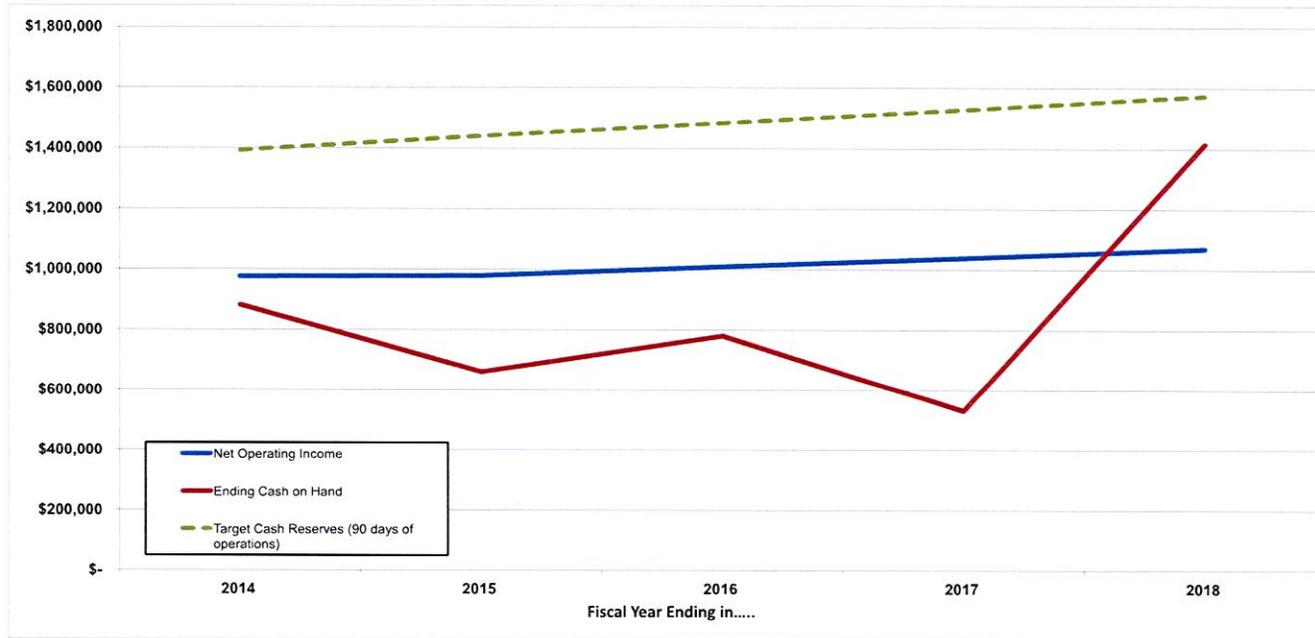
	FY14	FY15	FY16	FY17	FY18	Total
<b>Water Tower Improvements</b>	\$ -	\$ 375,000	\$ 275,000	\$ 450,000	\$ -	\$ 1,100,000
14th Avenue Tower Rehabilitation (500,000 gallons)		\$ 375,000				
Ridgewood Road Tower Rehabilitation (250,000 gallons)			\$ 275,000			
24th Street Water Tower Rehabilitation (500,000 gallons)				\$ 450,000		
<b>Raw Water Pumping Station tuckpointing</b>			\$ 125,000			\$ 125,000
<b>Water SCADA System Study and Upgrade</b>	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
Upgrade the existing SCADA (Supervisory, Control and Data Acquisition) System to provide real time distribution system monitoring.						
<b>Watermains Under Street Program Projects</b>	\$ 282,000	\$ 330,000	\$ 52,000	\$ -	\$ -	\$ 664,000
Replace deteriorated and/or undersized watermains in conjunction with street improvements						
23rd Avenue, 12th to 17th Street	\$ 270,000					
34th Street, 35th to 38th Avenue	\$ 12,000					
8th Avenue, 42nd to 46th Street		\$ 121,000				
9th Avenue, 44 1/2 to 46th Street		\$ 209,000				
22 1/2 Avenue east of 29th Street			\$ 47,000			
26th Street north of 13th Avenue			\$ 5,000			

### Water Utility Projects

		FY14	FY15	FY16	FY17	FY18	Total
16	<b>Neighborhood Water System Improvements</b>	\$ 315,000	\$ 285,000	\$ 200,000	\$ 610,000	\$ -	\$ 1,410,000
17	Replace undersized and deteriorated watermains to improve neighborhood reliability and pressure.						
18	12th Avenue between 20th and 23rd Street	\$ 125,000					
19	23rd Street between 9th and 12th Avenue	\$ 190,000	\$ 195,000				
20	24th Street south of 9th Avenue		\$ 90,000				
21	21st Street between 9th and 12th Avenue			\$ 200,000	\$ 185,000		
22	20th Street between 9th and 13th Avenue				\$ 425,000		
23	<b>Total Capital Improvements</b>	<b>\$ 622,000</b>	<b>\$ 1,015,000</b>	<b>\$ 677,000</b>	<b>\$ 1,085,000</b>	<b>\$ 25,000</b>	<b>\$ 3,424,000</b>

### Water Utility Projections

Fiscal Year Ending	Rate Change	Capital Improvements	Ending Cash on Hand	Comments
2014	3.0%	\$ 622,000	\$ 879,852	rate increase enacted on March 5, 2012 and effective on January 1, 2013
2015	3.0%	\$ 1,015,000	\$ 661,574	
2016	3.0%	\$ 677,000	\$ 779,618	
2017	3.0%	\$ 1,085,000	\$ 530,667	
2018	3.0%	\$ 25,000	\$ 1,414,595	
		\$ 3,424,000		



interest on cash	1.50%
inflation rate	3.00%

### Water Utility Projections

		FY14	FY15	FY16	FY17	FY18
1	<b>OPERATING REVENUES</b>					
2	charges for service					
3	water charges	\$ 5,768,000	\$ 5,941,040	\$ 6,119,271	\$ 6,302,849	\$ 6,491,935
4	WSRP charges	\$ 227,400	\$ 236,040	\$ 244,680	\$ 253,320	\$ 261,960
5	misc service charges	\$ 650	\$ 650	\$ 650	\$ 650	\$ 650
6	other					
7	water tower rentals	\$ 363,648	\$ 374,557	\$ 385,794	\$ 397,368	\$ 409,289
8	Sewer Fund payment for meter services	\$ 145,000	\$ 149,350	\$ 153,831	\$ 158,445	\$ 163,199
9	misc non-operating	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000	\$ 7,000
10	IRS interest rebate	\$ 28,765	\$ 28,319	\$ 27,772	\$ 27,225	\$ 26,750
11	total operating revenues	\$ 6,540,463	\$ 6,736,956	\$ 6,938,998	\$ 7,146,858	\$ 7,360,783
12	<b>OPERATING EXPENSES</b>					
13	personnel	\$ 2,180,000	\$ 2,245,400	\$ 2,312,762	\$ 2,382,145	\$ 2,453,609
14	supplies	\$ 885,000	\$ 911,550	\$ 938,897	\$ 967,063	\$ 996,075
15	services	\$ 1,050,000	\$ 1,108,609	\$ 1,141,867	\$ 1,176,123	\$ 1,211,407
16	other	\$ 9,500	\$ 9,785	\$ 10,079	\$ 10,381	\$ 10,692
17	transfer to General Fund for services	\$ 695,000	\$ 715,850	\$ 737,326	\$ 759,445	\$ 782,229
18	services (GIS)	\$ 41,000	\$ 42,230	\$ 43,497	\$ 44,802	\$ 46,146
19	discount for the Park and Recreation Department	\$ 25,570	\$ 26,337	\$ 27,127	\$ 27,941	\$ 28,779
20	repay General Fund for cash advance	\$ -	\$ -	\$ -	\$ -	\$ -
21	depreciation	\$ 655,000	\$ 674,650	\$ 694,890	\$ 715,736	\$ 737,208
22	contingency	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
23	total operating expenses	\$ 5,566,070	\$ 5,759,411	\$ 5,931,443	\$ 6,108,637	\$ 6,291,146
24						
25	<b>OPERATING INCOME (LOSS)</b>	<b>\$ 974,393</b>	<b>\$ 977,545</b>	<b>\$ 1,007,554</b>	<b>\$ 1,038,221</b>	<b>\$ 1,069,637</b>
26						

### Water Utility Projections

	FY14	FY15	FY16	FY17	FY18
<b>27 NONOPERATING REVENUES (EXPENSES)</b>					
28           interest revenue (expenses) on investments	\$ 16,490	\$ 18,024	\$ 15,653	\$ 15,558	\$ 18,431
29                           contributed capital	\$ -	\$ -	\$ -	\$ -	\$ -
30                           interest expenses for bonds	\$ (153,622)	\$ (137,908)	\$ (127,330)	\$ (111,118)	\$ (93,868)
31                           total nonoperating revenue (expenses)	\$ (137,132)	\$ (119,884)	\$ (111,677)	\$ (95,560)	\$ (75,437)
<b>32 CHANGE IN NET ASSETS</b>	<b>\$ 837,261</b>	<b>\$ 857,662</b>	<b>\$ 895,878</b>	<b>\$ 942,661</b>	<b>\$ 994,200</b>
<b>1 CASH FLOWS FROM OPERATING ACTIVITIES</b>					
2                           cash received from customers	\$ 5,996,050	\$ 5,941,040	\$ 6,119,271	\$ 6,302,849	\$ 6,491,935
3                           cash payments for goods and services	\$ (2,731,070)	\$ (2,839,361)	\$ (2,923,792)	\$ (3,010,756)	\$ (3,100,328)
4                           cash payments to employees for services	\$ (2,180,000)	\$ (2,245,400)	\$ (2,312,762)	\$ (2,382,145)	\$ (2,453,609)
5                           other operating revenue	\$ 544,413	\$ 559,876	\$ 575,046	\$ 590,688	\$ 606,888
<b>6 NET CASH PROVIDED (USED) FOR OPERATIONS</b>	<b>\$ 1,629,393</b>	<b>\$ 1,416,155</b>	<b>\$ 1,457,764</b>	<b>\$ 1,500,637</b>	<b>\$ 1,544,885</b>
7					
<b>8 CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES</b>					
9                           capital improvements	\$ (622,000)	\$ (1,015,000)	\$ (677,000)	\$ (1,085,000)	\$ (25,000)
10                           contributed capital	\$ -	\$ -	\$ -	\$ -	\$ -
11                           proceeds for GO bond sale	\$ -	\$ -	\$ -	\$ -	\$ -
12                           payment of general obligations bonds	\$ (658,058)	\$ (499,550)	\$ (551,043)	\$ (569,028)	\$ (560,520)
13                           interest paid	\$ (153,622)	\$ (137,908)	\$ (127,330)	\$ (111,118)	\$ (93,868)
<b>14 NET CASH PROVIDED (USED) FOR CAPITAL</b>	<b>\$ (1,433,680)</b>	<b>\$ (1,652,458)</b>	<b>\$ (1,355,373)</b>	<b>\$ (1,765,146)</b>	<b>\$ (679,388)</b>
15					

### Water Utility Projections

	FY14	FY15	FY16	FY17	FY18
16 <b>BEGINNING CASH</b>	\$ 667,649	\$ 879,852	\$ 661,574	\$ 779,618	\$ 530,667
17 NET CASH PROVIDED (USED) FOR OPERATIONS	\$ 1,629,393	\$ 1,416,155	\$ 1,457,764	\$ 1,500,637	\$ 1,544,885
18 NET CASH PROVIDED (USED) FOR CAPITAL	\$ (1,433,680)	\$ (1,652,458)	\$ (1,355,373)	\$ (1,765,146)	\$ (679,388)
19 ENDING CASH SUBTOTAL	\$ 863,362	\$ 643,550	\$ 763,965	\$ 515,109	\$ 1,396,164
20 INTEREST EARNED (PAID)	\$ 16,490	\$ 18,024	\$ 15,653	\$ 15,558	\$ 18,431
21 <b>ENDING CASH</b>	<b>\$ 879,852</b>	<b>\$ 661,574</b>	<b>\$ 779,618</b>	<b>\$ 530,667</b>	<b>\$ 1,414,595</b>
22 NET CHANGE IN CASH	\$ 212,203	\$ (218,278)	\$ 118,044	\$ (248,951)	\$ 883,928
23					
24 Operating expenses without depreciation	\$ 5,566,070	\$ 5,759,411	\$ 5,931,443	\$ 6,108,637	\$ 6,291,146
25 <b>Target cash reserves (90 day operating expenses)</b>	<b>\$ 1,391,518</b>	<b>\$ 1,439,853</b>	<b>\$ 1,482,861</b>	<b>\$ 1,527,159</b>	<b>\$ 1,572,786</b>

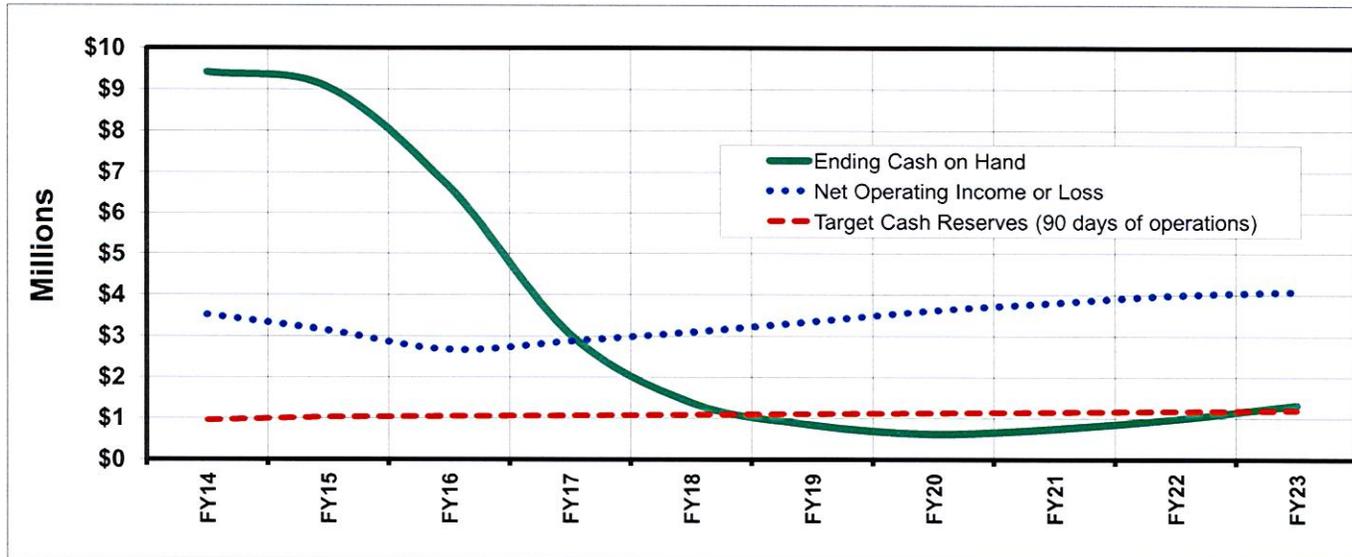
### Sewer Utility Projects

		FY14	FY15	FY16	FY17	FY18	Total
1	<b>Combined Sewer Long Term Control Plan (LTCP) Improvements</b>	\$ 23,869,407	\$ 10,227,331	\$ 7,336,669	\$ 3,110,000	\$ 1,320,000	\$ 45,863,407
2	<p>The City is required to bring its combined sewer system into full compliance with US Environmental Protection Agency standards by March 2018. The improvements are detailed in the Combined Sewer Long Term Control Plan approved by the USEPA in 2006. The total cost of the completing the projects required by the LTCP will exceed \$75M. Two of the projects have already been completed. The largest project required by the LTCP is the expansion of the Mill Street Wastewater Treatment Plant at a total cost of over \$46M. The work began in October 2011 and will be completed in early 2013. The completion of the Mill Street Wastewater Treatment Plant expansion and the remaining six projects required by the LTCP are shown below.</p>						
3	Mill Street Wastewater Treatment Plant Expansion (remainder of ongoing contract)	\$ 21,779,407					
4	Construction of an underground combined sewer storage tank near the intersection of 40th Street with 5th Avenue	\$ 2,090,000	\$ 2,090,000				
5	6th Avenue Relief Sewer 9th to 24th Street		\$ 7,743,331	\$ 5,496,669			
6	Relocation of combined sewer outfall #7 (17th Street near the RI Fitness and Activity Center)		\$ 56,000	\$ 575,000	\$ 2,640,000		
7	Blackhawk Lift Station Improvements		\$ 338,000	\$ 1,150,000			
8	Combined Sewer Separation (26th to 30th Street; 5th to 9th Avenue)			\$ 115,000	\$ 470,000	\$ 840,000	
9	System Control Improvements					\$ 480,000	
10	<b>Sewer Improvements Street Program Projects</b>	<b>\$ 96,000</b>	<b>\$ 15,000</b>	<b>\$ 6,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 117,000</b>
11	23rd Avenue, 12th to 17th Street	\$ 96,000					
12	9th Avenue, 44 1/2 to 46th Street		\$ 15,000				
13	22 1/2 Avenue east of 29th Street			\$ 6,000			

	FY14	FY15	FY16	FY17	FY18	Total
<b>14 Sewer Replacements</b>	<b>\$ 370,000</b>	<b>\$ 840,000</b>	<b>\$ 250,000</b>	<b>\$ 375,000</b>	<b>\$ 375,000</b>	<b>\$ 2,210,000</b>
15 Alley between 19th/20th Street and 10th/12th Avenue	\$ 370,000					
16 21st/22nd Street, 10th/12th Avenue		\$ 840,000				
17 19th Street, 9th to 10th Avenue			\$ 250,000			
18 3rd Avenue, 20th to 23rd Street				\$ 375,000	\$ 375,000	
<b>19 Total Capital Improvements</b>	<b>\$ 24,335,407</b>	<b>\$ 11,082,331</b>	<b>\$ 7,592,669</b>	<b>\$ 3,485,000</b>	<b>\$ 1,695,000</b>	<b>\$ 48,190,407</b>

### Sewer Utility Projections

FY Ending	Rate Change	Capital Improvements	Long Term Control Plan	General Obligation Bonds	State Revolving Loan Fund	Ending Cash on Hand
2014	0.0%	\$ 466,000	\$ 23,869,407	\$ -	\$ 23,599,998	\$ 9,410,463
2015	3.0%	\$ 855,000	\$ 10,227,331	\$ -	\$ 9,940,400	\$ 9,042,383
2016	3.0%	\$ 256,000	\$ 7,336,669	\$ -	\$ 5,416,669	\$ 6,626,137
2017	3.0%	\$ 375,000	\$ 3,110,000	\$ -	\$ -	\$ 3,028,074
2018	3.0%	\$ 375,000	\$ 1,320,000	\$ -	\$ -	\$ 1,368,826
2019	3.0%	\$ 750,000	\$ -	\$ -	\$ -	\$ 825,717
2020	3.0%	\$ 750,000	\$ -	\$ -	\$ -	\$ 611,489
2021	2.0%	\$ 750,000	\$ -	\$ -	\$ -	\$ 734,715
2022	2.0%	\$ 750,000	\$ -	\$ -	\$ -	\$ 969,503
2023	2.0%	\$ 750,000	\$ -	\$ -	\$ -	\$ 1,315,753
		<b>\$ 6,077,000</b>	<b>\$ 45,863,407</b>	<b>\$ -</b>	<b>\$ 38,957,067</b>	



**Sewer Utility Projections**

	FY14	FY15	FY16	FY17	FY18
<b>1 OPERATING REVENUES</b>					
2 charges for service					
3 sewer charges	\$ 7,821,799	\$ 8,056,453	\$ 8,298,147	\$ 8,547,091	\$ 8,803,504
4 misc service charges	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
5 other				\$ -	
6 facility rentals	\$ 19,400	\$ 19,788	\$ 20,184	\$ 20,587	\$ 20,999
7 sewer lateral repair program	\$ 281,718	\$ 286,718	\$ 291,718	\$ 296,718	\$ 301,718
8 IRS interest rebate	\$ 68,632	\$ 67,763	\$ 66,711	\$ 65,422	\$ 63,848
9 Downtown TIF (1st Avenue Sewer debt service)	\$ 104,498	\$ 104,082	\$ 105,554	\$ 104,734	\$ 105,892
10 <b>total operating revenues</b>	<b>\$ 8,296,547</b>	<b>\$ 8,535,304</b>	<b>\$ 8,782,813</b>	<b>\$ 9,035,053</b>	<b>\$ 9,296,461</b>
11					
<b>12 OPERATING EXPENSES</b>					
13 personnel	\$ 1,277,000	\$ 1,302,540	\$ 1,328,591	\$ 1,355,163	\$ 1,382,266
14 supplies	\$ 241,000	\$ 245,820	\$ 250,736	\$ 255,751	\$ 260,866
15 services	\$ 1,525,000	\$ 1,555,500	\$ 1,586,610	\$ 1,618,342	\$ 1,650,709
16 extra for expanded Mill Street WWTP		\$ 220,816	\$ 225,232	\$ 229,737	\$ 234,332

**Sewer Utility Projections**

		FY14	FY15	FY16	FY17	FY18
17	other	\$ 73,000	\$ 74,460	\$ 75,949	\$ 77,468	\$ 79,018
18	rebates	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
19	discount for services (Park Dept)	\$ 27,587	\$ 28,139	\$ 28,702	\$ 29,276	\$ 29,861
20	transfer to the General Fund	\$ 390,000	\$ 397,800	\$ 405,756	\$ 413,871	\$ 422,149
21	transfer for meter services	\$ 144,000	\$ 146,880	\$ 149,818	\$ 152,814	\$ 155,870
22	transfer for GIS	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
23	depreciation	\$ 558,000	\$ 558,000	\$ 558,000	\$ 558,000	\$ 558,000
24	contingency	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
25		\$ -	\$ -	\$ -	\$ -	\$ -
26	<b>total operating expenses</b>	<b>\$ 4,326,087</b>	<b>\$ 4,620,455</b>	<b>\$ 4,699,894</b>	<b>\$ 4,780,922</b>	<b>\$ 4,863,570</b>
27						
28	<b>OPERATING INCOME (LOSS)</b>	<b>\$ 3,970,460</b>	<b>\$ 3,914,849</b>	<b>\$ 4,082,919</b>	<b>\$ 4,254,131</b>	<b>\$ 4,432,891</b>
29						
30	<b>NONOPERATING REVENUES (EXPENSES)</b>					
31	interest revenue (expenses) on investments	\$ 132,262	\$ 137,366	\$ 116,639	\$ 71,868	\$ 32,731
32	SRF "grant"	\$ -	\$ -	\$ -	\$ -	\$ -

**Sewer Utility Projections**

	FY14	FY15	FY16	FY17	FY18
33 "IKE" Grant (6th Ave relief sewer)	\$ 375,000	\$ 375,000	\$ -	\$ -	\$ -
34 interest expenses for bonds	\$ (972,113)	\$ (1,304,279)	\$ (1,540,758)	\$ (1,463,168)	\$ (1,382,272)
35 <b>total nonoperating revenue (expenses)</b>	<b>\$ (464,851)</b>	<b>\$ (791,913)</b>	<b>\$ (1,424,119)</b>	<b>\$ (1,391,301)</b>	<b>\$ (1,349,541)</b>
36 transfers in (out)	\$ -	\$ -	\$ -	\$ -	\$ -
37 <b>CHANGE IN NET ASSETS</b>	<b>\$ 3,505,609</b>	<b>\$ 3,122,936</b>	<b>\$ 2,658,800</b>	<b>\$ 2,862,830</b>	<b>\$ 3,083,350</b>
<b>1 CASH FLOWS FROM OPERATING ACTIVITIES</b>					
2 cash received from customers	\$ 7,821,799	\$ 8,056,453	\$ 8,298,147	\$ 8,547,091	\$ 8,803,504
3 cash payments to suppliers for goods and services	\$ (2,491,087)	\$ (2,759,915)	\$ (2,813,303)	\$ (2,867,759)	\$ (2,923,304)
4 cash payments to employees for services	\$ (1,277,000)	\$ (1,302,540)	\$ (1,328,591)	\$ (1,355,163)	\$ (1,382,266)
5 other operating revenue	\$ 474,748	\$ 478,851	\$ 484,667	\$ 487,962	\$ 492,957
6 <b>NET CASH PROVIDED (USED) FOR OPERATIONS</b>	<b>\$ 4,528,460</b>	<b>\$ 4,472,849</b>	<b>\$ 4,640,919</b>	<b>\$ 4,812,131</b>	<b>\$ 4,990,891</b>
7					

**Sewer Utility Projections**

	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>
<b>8 CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES</b>					
9 capital improvements (LTCP)	\$ (23,869,407)	\$ (10,227,331)	\$ (7,336,669)	\$ (3,110,000)	\$ (1,320,000)
10 capital improvements (other)	\$ (466,000)	\$ (855,000)	\$ (256,000)	\$ (375,000)	\$ (375,000)
11 proceeds from SRF loan	\$ 23,599,998	\$ 9,940,400	\$ 5,416,669	\$ -	\$ -
12 proceeds from grants	\$ 375,000	\$ 375,000	\$ -	\$ -	\$ -
13 principal	\$ (2,274,503)	\$ (2,907,085)	\$ (3,457,047)	\$ (3,533,893)	\$ (3,605,598)
14 interest	\$ (972,113)	\$ (1,304,279)	\$ (1,540,758)	\$ (1,463,168)	\$ (1,382,272)
<b>15 NET CASH PROVIDED (USED) FOR CAPITAL</b>	<b>\$ (3,607,025)</b>	<b>\$ (4,978,295)</b>	<b>\$ (7,173,805)</b>	<b>\$ (8,482,061)</b>	<b>\$ (6,682,870)</b>
16					
<b>17 BEGINNING CASH</b>	<b>\$ 8,356,766</b>	<b>\$ 9,410,463</b>	<b>\$ 9,042,383</b>	<b>\$ 6,626,137</b>	<b>\$ 3,028,074</b>
<b>18 NET CASH PROVIDED (USED) FOR OPERATIONS</b>	<b>\$ 4,528,460</b>	<b>\$ 4,472,849</b>	<b>\$ 4,640,919</b>	<b>\$ 4,812,131</b>	<b>\$ 4,990,891</b>
<b>19 NET CASH PROVIDED (USED) FOR CAPITAL</b>	<b>\$ (3,607,025)</b>	<b>\$ (4,978,295)</b>	<b>\$ (7,173,805)</b>	<b>\$ (8,482,061)</b>	<b>\$ (6,682,870)</b>
<b>20 ENDING CASH SUBTOTAL</b>	<b>\$ 9,278,201</b>	<b>\$ 8,905,017</b>	<b>\$ 6,509,498</b>	<b>\$ 2,956,206</b>	<b>\$ 1,336,094</b>
<b>21 INTEREST EARNED (PAID)</b>	<b>\$ 132,262</b>	<b>\$ 137,366</b>	<b>\$ 116,639</b>	<b>\$ 71,868</b>	<b>\$ 32,731</b>
<b>22 ENDING CASH</b>	<b>\$ 9,410,463</b>	<b>\$ 9,042,383</b>	<b>\$ 6,626,137</b>	<b>\$ 3,028,074</b>	<b>\$ 1,368,826</b>
<b>23 NET CHANGE IN CASH</b>	<b>\$ 1,053,697</b>	<b>\$ (368,080)</b>	<b>\$ (2,416,247)</b>	<b>\$ (3,598,063)</b>	<b>\$ (1,659,248)</b>

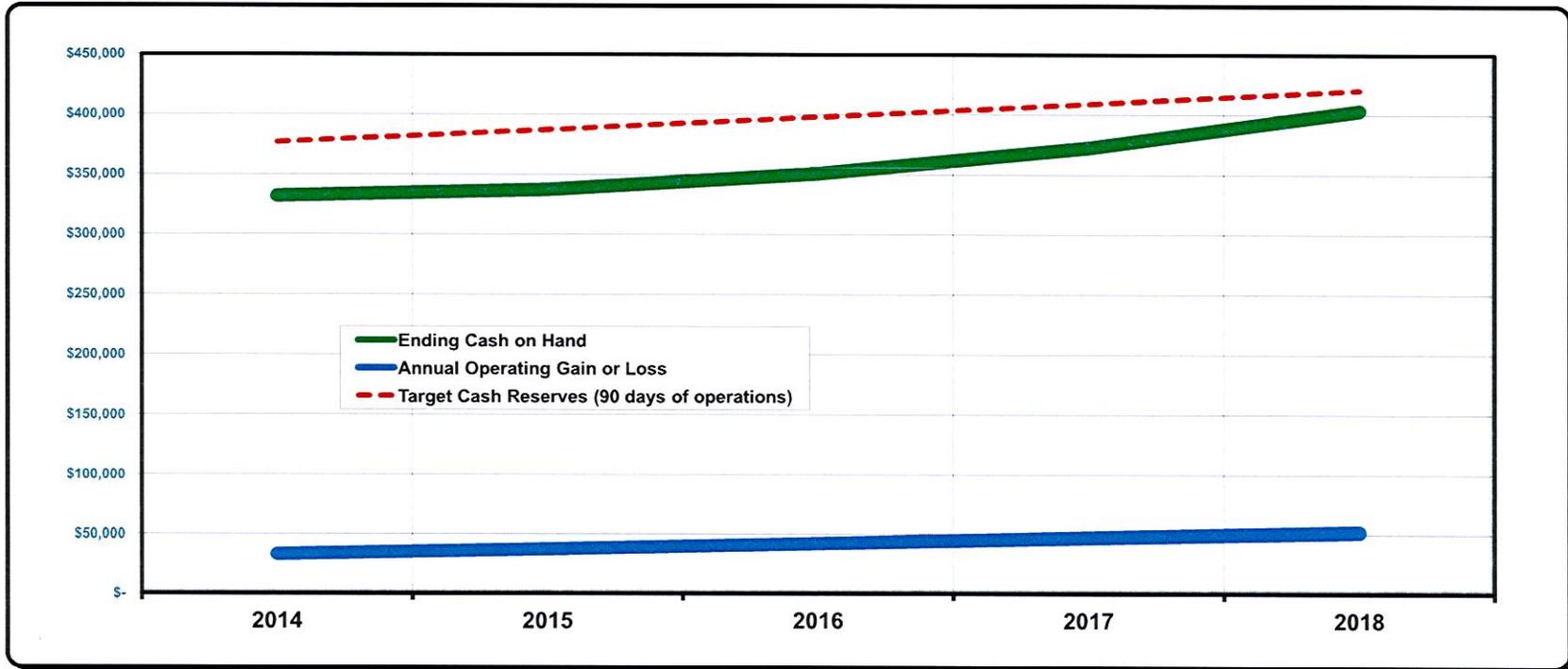
**Stormwater Utility Projects**

1 Outfall and Pipeline Rehabilitation Program

FY14	FY15	FY16	FY17	FY18	Total
\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000
\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000

## Stormwater Utility Summary

	1	2	3	4	5
FY Ending March 31,	2014	2015	2016	2017	2018
Rate Change Assumptions	0.0%	3.0%	3.0%	3.0%	3.0%
Year Ending Cash on Hand	\$ 331,779	\$ 336,951	\$ 350,289	\$ 372,158	\$ 402,935
Capital Improvements (\$)	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000



**Stormwater Fund Projections**

		1	2	3	4	5
		FY14	FY15	FY16	FY17	FY18
<b>REVENUES, EXPENSES AND CHANGES IN FUND NET ASSETS</b>						
1	OPERATING REVENUES					
2	charges for service					
3	utility penalties:	\$ 19,000	\$ 19,570	\$ 20,157	\$ 20,762	\$ 21,385
4	grading/drainage permits:	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
5	stormwater charges:	\$ 1,648,000	\$ 1,697,440	\$ 1,748,363	\$ 1,800,814	\$ 1,854,839
6	stormwater credit applications:	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
7		\$ -	\$ -	\$ -	\$ -	\$ -
8	total operating revenues:	\$ 1,667,600	\$ 1,717,610	\$ 1,769,120	\$ 1,822,176	\$ 1,876,823
9						
10	OPERATING EXPENSES					
11	personnel:	\$ 490,000	\$ 504,700	\$ 519,841	\$ 535,436	\$ 551,499
12	supplies:	\$ 47,000	\$ 48,410	\$ 49,862	\$ 51,358	\$ 52,899
13	services:	\$ 465,000	\$ 478,950	\$ 493,319	\$ 508,118	\$ 523,362
14	other:	\$ 3,200	\$ 3,296	\$ 3,395	\$ 3,497	\$ 3,602
15	program costs (Rain Gardens, RIDAP, Sump Pumps):	\$ 67,500	\$ 67,500	\$ 67,500	\$ 67,500	\$ 67,500
16	discount for services:	\$ 80,000	\$ 82,400	\$ 84,872	\$ 87,418	\$ 90,041
17	transfer to General Fund (cost allocation):	\$ 262,000	\$ 269,860	\$ 277,956	\$ 286,294	\$ 294,883
18	transfer to Engineering (GIS):	\$ 41,000	\$ 42,230	\$ 43,497	\$ 44,802	\$ 46,146
19	depreciation:	\$ 129,000	\$ 132,870	\$ 136,856	\$ 140,962	\$ 145,191
20	contingency:	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
21	total operating expenses:	\$ 1,634,700	\$ 1,680,216	\$ 1,727,097	\$ 1,775,385	\$ 1,825,122
22						
23	OPERATING INCOME (LOSS)	\$ 32,900	\$ 37,394	\$ 42,023	\$ 46,791	\$ 51,701
24						
25	NONOPERATING REVENUES (EXPENSES)					
26	interest revenue (expenses) on investments:	\$ 4,959	\$ 4,978	\$ 5,116	\$ 5,378	\$ 5,770
27	contributed capital:	\$ -	\$ -	\$ -	\$ -	\$ -
28	interest expenses for bonds:	\$ -	\$ -	\$ -	\$ -	\$ -
29	total nonoperating revenue (expenses):	\$ 4,959	\$ 4,978	\$ 5,116	\$ 5,378	\$ 5,770
30						
31	CHANGE IN NET ASSETS	\$ 37,859	\$ 42,372	\$ 47,139	\$ 52,169	\$ 57,471

**Stormwater Fund Projections**

	1	2	3	4	5
	FY14	FY15	FY16	FY17	FY18
<b>CASH FLOWS</b>					
32 CASH FLOWS FROM OPERATING ACTIVITIES					
33 cash received from customers	\$ 1,648,000	\$ 1,697,440	\$ 1,748,363	\$ 1,800,814	\$ 1,854,839
34 cash payments to supplies for goods and services	\$ (868,200)	\$ (892,746)	\$ (918,028)	\$ (944,069)	\$ (970,891)
35 cash payments to employees for services	\$ (490,000)	\$ (504,700)	\$ (519,841)	\$ (535,436)	\$ (551,499)
36 program costs	\$ (67,500)	\$ (67,500)	\$ (67,500)	\$ (67,500)	\$ (67,500)
37 discount for services	\$ (80,000)	\$ (82,400)	\$ (84,872)	\$ (87,418)	\$ (90,041)
38 other operating revenue	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
39 NET CASH PROVIDED (USED) FOR OPERATIONS	\$ 142,400	\$ 150,194	\$ 158,222	\$ 166,490	\$ 175,007
40					
41 CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES					
42 capital improvements	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)
43 contributed capital	\$ -	\$ -	\$ -	\$ -	\$ -
44 payment of general obligations bonds	\$ -	\$ -	\$ -	\$ -	\$ -
45 interest paid	\$ -	\$ -	\$ -	\$ -	\$ -
46 NET CASH PROVIDED (USED) FOR CAPITAL	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)
47					
48 BEGINNING CASH	\$ 334,420	\$ 331,779	\$ 336,951	\$ 350,289	\$ 372,158
49 NET CASH PROVIDED (USED) FOR OPERATIONS	\$ 142,400	\$ 150,194	\$ 158,222	\$ 166,490	\$ 175,007
50 NET CASH PROVIDED (USED) FOR CAPITAL	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)	\$ (150,000)
51 ENDING CASH SUBTOTAL	\$ 326,820	\$ 331,973	\$ 345,173	\$ 366,780	\$ 397,165
52 INTEREST EARNED (PAID)	\$ 4,959	\$ 4,978	\$ 5,116	\$ 5,378	\$ 5,770
53 ENDING CASH	\$ 331,779	\$ 336,951	\$ 350,289	\$ 372,158	\$ 402,935
54					
55 NET CHANGE IN CASH	\$ (2,641)	\$ 5,172	\$ 13,338	\$ 21,868	\$ 30,777
56					
57 rate increase assumption	0.00%	3.00%	3.00%	3.00%	3.00%
58					
59 inflation rate	3.00%				
60 investment rate	1.50%				