

CITY OF ALLENTOWN

CAPITAL PROJECTS EXPENDITURE SUMMARY  
NEW OR ADDITIONAL FUNDING

<u>Project #</u>	<u>Project Name</u>	<u>Page</u>	<u>Additional And/or New 2008 Requests</u>	<u>Source of 2008 Funding</u>
<b>Department of Public Works</b>				
1224	Traffic Signals Hamilton Street (6 <sup>th</sup> to 10 <sup>th</sup> )	CF-	150,000	GF
1225	Traffic Signal Upgrade	CF-	30,000	GF
1258	River Drive Guard Rail	CF-	150,000	GF
1261	Ott Street Bridge	CF-	150,000	GF
1731	Curb and Sidewalk Replacement	CF-	175,000	X
1748	Residential Street Construction	CF-	400,000	GF
1912	Traffic Signal Modernization	CF-	60,000	GF
<b>Department of Parks and Recreation</b>				
1638	Cedar Parkway Improvements	CF-	220,500	T
1662	City Wide Park Master Plan	CF-	40,000	T
1663	City Wide Trail Feasibility Study	CF-	50,000	C
1664	Lehigh River Trail Development	CF-	54,500	T
1899	Trout Nursery Renovations	CF-	30,000	T
1902	Entrance Way Landscaping	CF-	20,000	T
1910	Jordan Creek Basin Project	CF-	10,000	T
1914	Pool Renovations and Feasibility Studies	CF-	40,000	C
<b>Department of Fire</b>				
1801	Diesel Fire Apparatus	CF-	300,000	GF
<b>Department of Community and Economic Development</b>				
1634	Old Allentown Cemetery	CF-	250,000	C
<b>Water Fund</b>				
1211	Spun Cast Iron Piping Replacement	CF-	175,000	W
1227	Automatic Meter Reading	CF-	175,000	W
1243	Water System Security	CF-	50,000	W
1254	Water Mechanical Renovations	CF-	50,000	W
1725	Water Distribution Replacement	CF-	175,000	W
1805	Emergency Water Repairs	CF-	50,000	W
<b>Sewer Fund</b>				
1227	Automatic Meter Reading	CF-	100,000	S
1242	Wastewater Security	CF-	100,000	S
1255	Concrete Debris Demolition	CF-	100,000	S
1727	SSES	CF-	225,000	S
1743	Wastewater Mechanical Renovations	CF-	100,000	S
1806	Emergency Sewer Repair	CF-	<u>50,000</u>	S

**TOTAL 3,480,000**

Totals by Source of Financing:

GF - \$1,240,000      T - \$375,000      W - \$675,000      X - \$175,000      S - \$675,000  
C - \$340,000

GF – General Fund      T - Trexler Fund      X – Other Non-City      S – Sewer Fund  
W – Water Fund      C - State Aid

## CAPITAL PROJECT DETAIL

**PROJECT:** 1224 Traffic Signals Hamilton Street – (6<sup>th</sup> to 10<sup>th</sup>)

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**DESCRIPTION:** Replacement of the existing traffic signals at the above mentioned locations.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2008	\$440,000		\$440,000
2008	\$150,000		\$150,000
2009	\$110,000		\$110,000
2010	0		0
2011	0		0
2012	0		0
Total	\$700,000		\$700,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
General Fund	\$150,000	
G.O. Bond		\$110,000

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### IMPACT ON OPERATING BUDGET

New equipment will reduce the cost of repairing older equipment and reduce the need for non-working hour callouts.

## CAPITAL PROJECT DETAIL

### PROJECT: 1225 Traffic Signal Upgrade

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**DESCRIPTION:** Replacement of existing traffic signals at locations with old and/or damaged equipment. With increased staff, we will do this work in-house, except for pouring foundation. Funds will be used to hire private contractor to dig and pour foundations and equipment.

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<b>Funding:</b>		<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to	2008	\$150,000		\$150,000
	2008	\$30,000		\$30,000
	2009	\$60,000		\$60,000
	2010	\$60,000		\$60,000
	2011	\$60,000		\$60,000
	2012	\$60,000		\$60,000
	Total	\$420,000		\$420,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
General Fund	\$30,000	
G. O. Bond		\$240,000

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### IMPACT ON OPERATING BUDGET

New equipment will reduce the cost of repairing older equipment and reduce the need for non working hour callouts.

## CAPITAL PROJECT DETAIL

**PROJECT: 1258 River Drive Guard Rail**

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**DESCRIPTION:** This project will provide new guide rail between River Drive and the Norfolk-Southern Railroad yard.

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<b>Funding:</b>		<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to	2008	0		0
	2008	\$150,000		\$150,000
	2009	0		0
	2010	0		0
	2011	0		0
	2012	0		0
	Total	\$150,000		\$150,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
General Fund	\$150,000	

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### IMPACT ON OPERATING BUDGET

Cost associated with a new roadway will be minimal maintenance cost.

# CAPITAL PROJECT DETAIL

## PROJECT: 1261 Ott Street Bridge

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**DESCRIPTION:** The Ott Street Bridge was constructed in 1957 and the prestressed concrete box beams are failing. Barriers have been placed to prevent loading and failure of the box beams are failing. Barriers have been placed to prevent loading and failure of the box bearing. The bridge has been load posted.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2008	0		0
2008	\$150,000		\$150,000
2009	\$400,000		\$400,000
2010	0		0
2011	0		0
2012	0		0
Total	\$550,000		\$550,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
General Fund	\$150,000	
G. O. Bond		\$400,000

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### IMPACT ON OPERATING BUDGET

The project is the first step to replacing the superstructure and re-establishing full travel lane width as well as full load capacity. No maintenance costs are expected for the reconstructed structure.

## CAPITAL PROJECT DETAIL

### PROJECT: 1731 Curb and Sidewalk Replacement

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**DESCRIPTION:** Install curb, sidewalk, crossovers, and handicap ramps required on our street paving projects (expenditures are reimbursed from property owners).

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008		\$175,000	\$175,000
2009		0	0
2010		0	0
2011		0	0
2012		0	0
Total		\$175,000	\$175,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Other Funding	\$175,000	

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### IMPACT ON OPERATING BUDGET

This project does not increase revenues or change the City's operating cost. The project is used to eliminate hazardous locations for curb and sidewalk and increase the safety of pedestrians.

# CAPITAL PROJECT DETAIL

## PROJECT: 1748 Residential Streets

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**DESCRIPTION:** Provides funding for various street paving projects undertaken each year and includes street reconstruction, cold milling and overlay, microsurfacing, alley and concrete street and alley reconstruction.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008	\$400,000		\$400,000
2009	\$725,000		\$725,000
2010	\$700,000		\$700,000
2011	\$700,000		\$700,000
2012	\$700,000		\$700,000
Total	\$3,225,000		\$3,225,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
General Fund	\$400,000	
G. O. Bond		\$2,825,000

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### IMPACT ON OPERATING BUDGET

This project does not increase revenues or change the City's operating cost. The project is used to overlay or reconstruct City streets keeping them in good repair for the motoring public.

# CAPITAL PROJECT DETAIL

**PROJECT: 1912 Traffic Signal Modernization**

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**DESCRIPTION:** Replacement of traffic signal equipment at various locations.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008	\$60,000		\$60,000
2009	\$70,000		\$70,000
2010	\$80,000		\$80,000
2011	\$90,000		\$90,000
2012	\$100,000		\$100,000
Total	\$400,000		\$400,000

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## PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
General Fund	\$60,000	
G. O. Bond		\$340,000

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## IMPACT ON OPERATING BUDGET

Will reduce overtime and callouts due to controller break downs.

## CAPITAL PROJECT DETAIL

**PROJECT: 1638 Cedar Parkway Improvements**

**DESCRIPTION:** Sole recommendations of the Master Site Plan developed for the Cedar Creek Parkway, including but not limited to Phase I, Development. Creating a hub for Parks and Recreation Administration, updating picnic pavilion areas, electrical and plumbing installation of a destination playground, trail connections, skate park, sports complex, and renovations to Cedar Creek and Muhlenberg Lake.

<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2008		\$481,000	\$481,000
2008		\$220,500	\$220,500
2009		\$62,500	\$62,500
2010		\$62,500	\$62,500
2011		\$62,500	\$62,500
2012		\$62,500	\$62,500
Total		\$951,500	\$951,500

### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Trexler	\$220,500	\$250,000

### IMPACT ON OPERATING BUDGET

## CAPITAL PROJECT DETAIL

**PROJECT: 1662 City Wide Park Master Plan**

**DESCRIPTION:** To provide master and conceptual design plans for multiple existing parks and proposed pocket parks. Plans will identify goals and objectives following NRPA, DCNR, CPSC, and ADA guidelines involving an investigation of opportunities and constraints, including but not limited to facility renovation, parking, pedestrian crossings, traffic calming, communications, sport facilities, site analysis, and other general and specific improvements.

<b>Funding:</b>		<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to	2008		0	0
	2008		\$40,000	\$40,000
	2009		\$62,500	\$62,500
	2010		\$62,500	\$62,500
	2011		\$62,500	\$62,500
	2012		\$62,500	\$62,500
	Total		\$62,500	\$62,500
			\$290,000	\$290,000

### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Trexler Fund	\$40,000	\$250,000

### IMPACT ON OPERATING BUDGET

# CAPITAL PROJECT DETAIL

**PROJECT: 1663 City Wide Trail Feasibility Study**

**DESCRIPTION:** The purpose of this project is to create a comprehensive trails plan which will serve as a stimulus for the connection and creation of trails within the City, including the identification of missing links within the existing trail system. The plan process will include collection of inventory analysis and data, including site conditions, material, and natural resources and existing land use patterns. The plan will recommend potential cost estimates and time lines required for implementation, current funding, and maintaining the current City-wide trail system.

Funding:	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2008		0	0
2008		\$50,000	\$50,000
2009		\$62,500	\$62,500
2010		\$62,500	\$62,500
2011		\$62,500	\$62,500
2012		\$62,500	\$62,500
Total		\$300,000	\$300,000

## PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
State Trexler	\$50,000	\$250,000

## IMPACT ON OPERATING BUDGET

## CAPITAL PROJECT DETAIL

**PROJECT: 1664 Lehigh River Trail Development**

**DESCRIPTION:** Development of a 1.5 acre multi-purpose trail from north to south along the east side of the Lehigh River on City-owned land from Canal Park to Kimmet's Lock Park. The trail, ranging from 8' to 12' in width, will be used for walking, bicycling, hiking, jogging, fitness, river viewing, and nature trail activities.

<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2008		0	0
2008		\$54,500	\$54,500
2009		0	0
2010		0	0
2011		0	0
2012		0	0
<b>Total</b>		<b>\$54,500</b>	<b>\$54,500</b>

### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Trexler Fund	\$54,500	0

### IMPACT ON OPERATING BUDGET

Tail maintenance.

# CAPITAL PROJECT DETAIL

**PROJECT: 1899 Trout Nursery Renovations**

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**DESCRIPTION:** Complete renovations and improvements to the existing trout rearing ponds, and other trout hatchery facilities including, but not limited to the filtration system, parking lot, signage, pedestrian bridge, pavilion, and other improvements as identified in the conceptual and master design.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2008		0	0
2008		\$30,000	\$30,000
2009		0	0
2010		0	0
2011		0	0
2012		0	0
Total		\$30,000	\$30,000

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## PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Trexler Fund	\$30,000	0

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## IMPACT ON OPERATING BUDGET

# CAPITAL PROJECT DETAIL

**PROJECT: 1902 Entrance Way Landscaping**

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**DESCRIPTION:** Create and maintain pleasing and inviting entranceways to our City by brightening and enhancing medians, islands and flower beds. Welcome signs are being designed and landscape plans will be installed at various entranceways and medians to the City.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008		\$20,000	\$20,000
2009		0	0
2010		0	0
2011		0	0
2012		0	0
Total		\$20,000	\$20,000

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## PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Trexler Fund	\$20,000	0

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## IMPACT ON OPERATING BUDGET

New areas created will require more attention and maintenance.

## CAPITAL PROJECT DETAIL

**PROJECT: 1910 Jordan Creek Basin Project**

**DESCRIPTION:** To create a passive recreation area with connections to existing parks and proposed greenway trail.

<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2008		0	0
2008		\$10,000	\$10,000
2009		0	0
2010		0	0
2011		0	0
2012		0	0
<b>Total</b>		<b>\$10,000</b>	<b>\$10,000</b>

### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Trexler Fund	\$10,000	0

### IMPACT ON OPERATING BUDGET

This will be the creation of a new passive park which requires minimum maintenance and trash collection.

# CAPITAL PROJECT DETAIL

**PROJECT: 1914 Pool Renovations and Feasibility Studies**

**DESCRIPTION:** A pool feasibility and management assessment will be completed for the City's five aquatic facilities and two spray parks. Recommendations will be completed to include capital issues relating to the maintenance of aquatic facilities. This project was formerly Capital 1959, Pool Renovations.

Funding:	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2008		0	0
2008		\$40,000	\$40,000
2009		\$62,500	\$62,500
2010		\$62,500	\$62,500
2011		\$62,500	\$62,500
2012		\$62,500	\$62,500
Total		\$290,000	\$290,000

### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
State Funding	\$40,000	
Trexler Fund		\$250,000

### IMPACT ON OPERATING BUDGET

Pools are in constant need of repair. Although an attractive and clean facility may increase use and income, this is more an issue of public safety.

## CAPITAL PROJECT DETAIL

### PROJECT: 1801 Diesel Fire Apparatus

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**DESCRIPTION:** Four (4) diesel fire pumpers – one (1) in 2008, one (1) in 2010 , one (1) in 2011, and one in 2012; these pumpers would be used to fight fires and transport Fire Fighters to all fire scenes, providing water and equipment for public safety.  
One (1) 100' Aerial in 2009 to be used for rescue, large volumes of water, assisting in technical rescues.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008	\$300,000		\$300,000
2009	\$900,000		\$900,000
2010	\$300,000		\$300,000
2011	\$300,000		\$300,000
2012	\$300,000		\$300,000
Total	\$2,100,000		\$2,100,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
General Fund	\$300,000	
G.O. Bond		\$1,800,000

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### IMPACT ON OPERATING BUDGET

Repairs and maintenance would decrease due to the introduction of new fire apparatus. The first year for this unit would have a negligible impact to the City's operating costs because of the age and warranty of unit.

## CAPITAL PROJECT DETAIL

**PROJECT: 1634 Old Allentown Cemetery**

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**DESCRIPTION:** This program supports the private rehabilitation activity that has occurred in the Old Allentown Historic District and its ongoing Elm Street Program. Old Allentown's Elm Street Design Subcommittee have begun to develop ideas for improvement to make better use of the open space amenity offered by the Cemetery as well as the programmatic and design bridge it will offer between the Downtown and the Old Allentown Historic District. A neighborhood planning process has begun and the improvements could include sidewalk replacement, additional street lighting, neighborhood identification signs and street tree planting. The project will improve a city asset, and be sensitive to maintenance issues.

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Funding:		<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to	2008	\$20,000	\$30,000	\$50,000
	2008		\$250,000	\$250,000
	2009		0	0
	2010		0	0
	2011		0	0
	2012		0	0
	Total	\$20,000	\$280,000	\$300,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
State Funding	\$250,000	0

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### IMPACT ON OPERATING BUDGET

Amount cannot be determined. The project seeks to stabilize property values and enhance the attractiveness of these downtown neighborhoods, which will benefit the tax base.

## CAPITAL PROJECT DETAIL

### PROJECT: 1211 Centrifugally Spun Cast Iron Pipe Replacement

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**DESCRIPTION:** This project consists of replacing various sections of spun cast iron pipelines, which have a high incidence of breakage than other pipeline materials found within the City's Water Distribution.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008	\$175,000		\$175,000
2009	\$200,000		\$200,000
2010	\$1,200,000		\$1,200,000
2011	\$1,300,000		\$1,300,000
2012	\$1,300,000		\$1,300,000
Total	\$4,175,000		\$4,175,000

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#### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Water Fund	\$175,000	\$200,000
W. R. Bond		\$3,800,000

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#### IMPACT ON OPERATING BUDGET

Project will not affect the everyday operating costs for the City. However, this project will help to protect the City's infrastructure and adjoining properties from sudden water main breaks and sinkholes, etc.

## CAPITAL PROJECT DETAIL

**PROJECT: 1227 Automatic Meter Reading**

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**DESCRIPTION:** To provide for an Automatic Meter Reading System (AMR) in conjunction with the purchase of a Utility Billing System software. The project will be completed in 5 phases; Phase 1 - Need Analysis & Phase 2 - Consolidated Strategy is being completed in 2007; Phase 3 - Requirements Definition and Vendor Selection scheduled for 2008; Phase 4 - Contract Negotiations and Implementation scheduled for 2009; Post Implementation Assessment scheduled 2010.

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<b>Funding:</b>		<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to	2008	\$200,000		\$200,000
	2008	\$275,000		\$275,000
	2009	\$6,000,000		\$6,000,000
	2010	0		0
	2011	0		0
	2012	0		0
	Total	\$6,475,000		\$6,475,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Water Fund	\$175,000	
Sewer Fund	\$100,000	
Water R B		\$3,000,000
Sewer R B		\$3,000,000

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### IMPACT ON OPERATING BUDGET

This project will affect the Water/Sewer Budget. \*(Battery replacement, batteries last 15 years) Based upon the Old Age Test results we could reduce our unaccounted for water loss to 10% or 12% (which is in line with AWWA standards). The billing system will provide us with increased service to our customers. The current billing system does not allow estimated billing, can only bill twice a month, cannot generate and bill for a final reading on the date of request and cannot generate a duplicate bill.

## CAPITAL PROJECT DETAIL

**PROJECT: 1243 Water System Security Upgrades**

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**DESCRIPTION:** This project involves the design and construction of security upgrades as recommended by the federally funded vulnerability assessment of the Water System. The project will eventually lead to a Water Resources Security System, with the same security system being expanded to protect the water and wastewater plants, the distribution offices, and the distribution and collection system.

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<b>Funding:</b>		<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to	2008	\$360,000		\$360,000
	2008	\$50,000		\$50,000
	2009	\$50,000		\$50,000
	2010	0		0
	2011	0		0
	2012	0		0
	Total	\$460,000		\$460,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Water Fund	\$50,000	\$50,000

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### IMPACT ON OPERATING BUDGET

This project does not affect the General Fund and is financed by the Water Fund. Its indirect affect reduces General Fund liability by maintaining City water infrastructure by reducing potential fines from violation of operating permits.

## CAPITAL PROJECT DETAIL

### PROJECT: 1254 Mechanical Renovations – Water Plant

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**DESCRIPTION:** This project will be an on-going preventative maintenance and equipment replacement account for the Water Plant. The plant went through large retrofit project in the mid-1990's, but even much of the equipment that was installed during that project is nearing the end of its anticipated useful life. Pumps, meters, etc. can be very expensive to replace, and the breakdown may have been unforeseen and therefore unbudgeted. Existing equipment will be constantly evaluated, and be fixed/replaced as needed using this account.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008	\$50,000		\$50,000
2009	\$100,000		\$100,000
2010	\$100,000		\$100,000
2011	\$100,000		\$100,000
2012	0		0
Total	\$350,000		\$350,000

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#### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Water Fund	\$50,000	\$100,000
W. R. Bond		\$200,000

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#### IMPACT ON OPERATING BUDGET

This project does not affect the General Fund and is funded by the Water Fund and Water Revenue Bonds.

## CAPITAL PROJECT DETAIL

### PROJECT: 1725 Water Distribution Replacement

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**DESCRIPTION:** This project consists of replacing old water mains and service lines at various locations within the City, based upon a combination of criteria, such as; age history of maintenance problems, impending street paving work, and geology (pertaining to sinkholes, etc.).

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008	\$175,000		\$175,000
2009	\$300,000		\$300,000
2010	\$1,100,000		\$1,100,000
2011	\$1,200,000		\$1,200,000
2012	\$1,200,000		\$1,200,000
Total	\$3,975,000		\$3,975,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Water Fund	\$175,000	\$300,000
W. R. Bond		\$3,500,000

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### IMPACT ON OPERATING BUDGET

Project will not affect the everyday operating costs for the City. However, this project will help in providing improved service, reduce maintenance and liability costs, and protect the City's infrastructure.

## CAPITAL PROJECT DETAIL

### PROJECT: 1805 Emergency Water Repairs

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**DESCRIPTION:** This project is an emergency reserve account for unplanned expenditures within the city's water treatment plant and distribution systems. A project early in 2006 involved a contractor doing a leak survey on the 30" and 36" steel lines going to the east side of the city. Currently, there are only 2 lines that serve the east side, so repairs of any leaks would be crucial. That project invested \$84,000 for the leak survey. The project detected 13 leaks over 2.5 miles of inspected pipeline. An outside contractor is needed for the leak repairs due to the lack of certain heavy equipment currently owned by the city.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008	\$50,000		\$50,000
2009	\$100,000		\$100,000
2010	\$50,000		\$50,000
2011	\$50,000		\$50,000
2012	0		0
Total	\$250,000		\$250,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Water Fund	\$50,000	\$100,000
W. R. Bond		\$100,000

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### IMPACT ON OPERATING BUDGET

This project does not affect the General Fund and is funded by the Water Fund and Water Revenue Bonds. Its indirect affect reduces General Fund liability by maintaining City water infrastructure by reducing potential fines from violation of operating permits.

## CAPITAL PROJECT DETAIL

**PROJECT: 1242 Waste Water Treatment Works Security**

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**DESCRIPTION:** The project involves the installation of security upgrades and damage mitigation equipment for the wastewater treatment facility. Presently, the plant has minimal security measures in place and could be vulnerable. Applicable equipment that might be installed to make the plant more secure includes, but is not limited to: fencing, gates, security cameras/closed circuit TV and card locks on doors.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2008	\$100,000		\$100,000
2008	\$100,000		\$100,000
2009	\$50,000		\$50,000
2010	\$50,000		\$50,000
2011	0		0
2012	0		0
<b>Total</b>	<b>\$300,000</b>		<b>\$300,000</b>

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Sewer Fund	\$100,000	
Sewer R B		\$100,000

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### IMPACT ON OPERATING BUDGET

This project does not affect the General Fund and is funded by the Sewer Fund and Sewer Revenue Bonds. Its indirect affect reduces General Fund liability by maintaining City water infrastructure by reducing potential fines from violation of operating permits.

## CAPITAL PROJECT DETAIL

### PROJECT: 1255 Concrete Debris Removal

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**DESCRIPTION:** Several thousand cubic yards of concrete debris remain outside the wastewater plant from another project at the plant in the late 1990's. There were insufficient funds during the first project to deal with the material beyond stockpiling it outside the plant. This project will involve the dismantling of the stockpile, breaking the concrete down to a workable size. The concrete will then be further crushed to be reused by the Streets Department and Water Department. The reinforcing steel (re-bar) will be recycled, thereby reducing the overall cost of the project.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2008	0		0
2008	\$100,000		\$100,000
2009	0		0
2010	0		0
2011	0		0
2012	0		0
Total	\$100,000		\$100,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Sewer Fund	\$100,000	0

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### IMPACT ON OPERATING BUDGET

This project does not affect the General Fund and is funded by the Sewer Fund.

## CAPITAL PROJECT DETAIL

### PROJECT: 1727 SSES Rehabilitation

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**DESCRIPTION:** This project involves TV inspections, sewer joint sealing, repairs to broken and/or leaking sewer pipes, and the removal of other extraneous water entering the sanitary trunk sewer and sewer collection system.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008	\$225,000		\$225,000
2009	\$200,000		\$200,000
2010	\$300,000		\$300,000
2011	\$300,000		\$300,000
2012	\$300,000		\$300,000
Total	\$1,325,000		\$1,325,000

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### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Sewer Fund	\$225,000	\$200,000
S. R. Bond		\$900,000

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### IMPACT ON OPERATING BUDGET

Removing 100,000 gallons per day of extraneous water from the sewer collection system will reduce operating costs at the treatment plant. The amount of removal then becomes available for sale to suburbs for \$400,000, or current prices.

## CAPITAL PROJECT DETAIL

### PROJECT: 1743 Mechanical Renovations Waste Water Treatment Plant

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**DESCRIPTION:** This is an on-going preventative maintenance project that addresses equipment at the wastewater treatment plant. The project addresses planned replacement of equipment that is reaching the end of its useful life, and also is used for unplanned breakdowns/repairs/etc. that must be dealt with immediately.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008	\$100,000		\$100,000
2009	\$250,000		\$250,000
2010	\$750,000		\$750,000
2011	\$750,000		\$750,000
2012	\$750,000		\$750,000
Total	\$2,600,000		\$2,600,000

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#### PROPOSED SOURCES OF FUNDING

	<u>2008</u>	<u>BEYOND 2008</u>
Sewer Fund	\$100,000	\$1,000,000
Sewer R B		\$1,500,000

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#### IMPACT ON OPERATING BUDGET

This project does not affect the General Fund and is funded by Sewer Fund and Sewer Revenue Bonds. Its indirect affect reduces General Fund liability by maintaining City water infrastructure by reducing potential fines from violation of operating permits.

## CAPITAL PROJECT DETAIL

### PROJECT: 1806 Emergency Sewer Repairs

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**DESCRIPTION:** This project is an emergency reserve account to deal with unplanned expenditures (emergencies) that are related to the City's wastewater treatment plant and sewage collection system.

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<b>Funding:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
2008	\$50,000		\$50,000
2009	\$150,000		\$150,000
2010	\$150,000		\$150,000
2011	\$150,000		\$150,000
2012	\$150,000		\$150,000
Total	\$650,000		\$650,000

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### PROPOSED SOURCES OF FUNDING

Sewer Fund	<u>2008</u> \$50,000	<u>BEYOND 2008</u> \$600,000
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### IMPACT ON OPERATING BUDGET

This project does not affect the General Fund and is funded by Sewer Fund. Its indirect affect reduces General Fund liability by maintaining City water infrastructure by reducing potential fines from violation of operation permits.

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