

**CITY OF ALLENTOWN**

**CAPITAL PROJECTS EXPENDITURE SUMMARY  
NEW OR ADDITIONAL FUNDING**

<u>PROJECT #</u>	<u>PROJECT NAME</u>	<u>ADDITIONAL AND/OR NEW 2011 REQUESTS</u>	<u>SOURCE OF 2011 FUNDING</u>
1206	WWTP SCADA System Expansion	500,000	S
1211	Centrifugally Spun Cast Iron Water Main Pipe	850,000	W
1224	Traffic Signals - Hamilton Street	60,000	GF
1234	Crosswalk Upgrades	100,000	GF
1238	19th Street Area Improvements	1,500,000	GF
1242	Wastewater Treatment Works Security	150,000	S
1248	Sacred Heart Area Improvements	400,000	GF
1254	Mecanical Renovations - Water Plant	300,000	W
1268	City Hall Elevator Replacement	425,000	GF
1270	City Hall 5th Floor Perimeter Rail & Lighting	40,000	GF
1272	Hanover Aveneue Safety Improvements	500,000	GF
1624	Roof Replacement Phases	75,000	GF
1684	Encrypted Police Radio Project	750,000	C
1684	Encrypted Police Radio Project	750,000	GF
1690	Fire House Renovations	150,000	GF
1727	SSES Rehabilitation	2,000,000	S
1728	15th Street Corridor	17,450,000	C
1728	15th Street Corridor	950,000	GF
1743	Mechanical Renovations WWTP	1,200,000	S
1748	Residential Street Construction	800,000	GF
1892	ADA Ramps & Related Drainage Improvements	250,000	GF
<b>TOTAL</b>		<b>29,200,000</b>	

Totals by Source of Financing:

C - \$18,200,000      GF - \$6,000,000      S - \$3,850,000      W - \$1,150,000

GF - General Fund

SW - Solid Waste Fund

W - Water Fund

S - Sewer Fund

T - Trexler Fund

C - Other Non-City

# CAPITAL PROJECT DETAIL

**PROJECT:**            1206    **WWTP SCADA SYSTEM EXPANSION**

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**DESCRIPTION:**

This project includes the construction of a plantwide Supervisory Control and Data Acquisition (SCADA) system at the Waste Water Treatment Plant (WWTP). This SCADA system would enable the treatment plant operators to monitor and remotely control equipment at the WWTP in much the same as the Water Treatment Plant (WFP) is currently operated. The long range plan is for both the WWTP and WFP to be monitored/operated from one facility. Project requirements envisioned are a plant-wide communication network linking all buildings, Programmable Logic Controller (PLC) based local control panels in each of the buildings, all necessary field instruments and a central operator control room.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	1,540,000		1,540,000
2011	500,000		500,000
2012			
2013			
2014			
2015			
<b>TOTAL</b>	<b>2,040,000</b>	<b>-</b>	<b>2,040,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
Sewer Fund	1,540,000	500,000	
Sewer Revenue Bonds			-

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

# CAPITAL PROJECT DETAIL

**PROJECT:**            1211    CENTRIFICALLY SPUN CAST IRON WATER MAIN PIPE

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**DESCRIPTION:**

This project consists of replacing various sections of spun cast iron pipelines, which have a high incidence of breakage then 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>
Prior to 2011	5,165,000		5,165,000
2011	850,000		850,000
2012	1,200,000		1,200,000
2013	1,200,000		1,200,000
2014	1,300,000		1,300,000
2015	1,300,000		1,300,000
<b>TOTAL</b>	<b>11,015,000</b>	-	<b>11,015,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
Water Fund	5,165,000	850,000	
Water Revenue Bonds			5,000,000

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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:**            1224    TRAFFIC SIGNALS - HAMILTON ST

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**DESCRIPTION:**

Replacement of the existing traffic signals at the above locations. The signal at 6th and 8th have already been replaced. There is currently funding in place for 7th, 9th, and 10th. The original budget did not include the installation of handicapped ramps which are now required. We are currently out to bid and probably will not have enough money budgeted. We will pull the 7th Street intersection and re-bid next year.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	700,000		700,000
2011	60,000		60,000
2012			
2013			
2014			
2015			
<b>TOTAL</b>	760,000	-	760,000

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bonds	500,000	60,000	-
General Fund	260,000		-

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

# CAPITAL PROJECT DETAIL

**PROJECT:**        1234    CROSSWALK UPGRADES

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**DESCRIPTION:**

Placement of crosswalks at various locations.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	100,000		100,000
2012			
2013			
2014			
2015			
<b>TOTAL</b>	<b>100,000</b>	-	<b>100,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bonds	-	100,000	-

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

# CAPITAL PROJECT DETAIL

**PROJECT:**            1238    19th STREET AREA IMPROVEMENTS

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**DESCRIPTION:**

Streetscape improvements in the 19th Street area. The proposed improvements are the result of a planning process.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	1,500,000		1,500,000
2012			
2013			
2014			
2015			
<b>TOTAL</b>	<b>1,500,000</b>	<b>-</b>	<b>1,500,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bonds	-	1,500,000	-

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

## CAPITAL PROJECT DETAIL

**PROJECT:**            1242    WASTEWATER TREATMENT WORKS SECURITY

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**DESCRIPTION:**

The project involves the installation of security upgrades and related equipment for the wastewater treatment facility.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to    2011	225,000		225,000
2011	150,000		150,000
2012	25,000		25,000
2013	25,000		25,000
2014	25,000		25,000
2015	25,000		25,000
<b>TOTAL</b>	475,000	-	475,000

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
Sewer Fund	125,000		-
Sewer Revenue Bonds	100,000	150,000	100,000

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

# CAPITAL PROJECT DETAIL

**PROJECT:**        1248    SACRED HEART AREA IMPROVMENTS

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**DESCRIPTION:**

Streetscape improvements for the Sacred Heart area.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	400,000		400,000
2012	-		
2013	-		
2014	-		
2015	-		
<b>TOTAL</b>	400,000	-	400,000

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bonds	-	400,000	-

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

## CAPITAL PROJECT DETAIL

**PROJECT:**            1254    MECHANICAL RENOVATIONS - WATER PLANT

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**DESCRIPTION:**

This project is an on-going preventative maintenance and equipment replacement contingency account for the Water Plant and water distribution system.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	700,000		700,000
2011	300,000		300,000
2012	250,000		250,000
2013	250,000		250,000
2014	250,000		250,000
2015	250,000		250,000
<b>TOTAL</b>	<b>2,000,000</b>	<b>-</b>	<b>2,000,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
Water Fund	450,000		-
Water Revenue Bond	250,000	300,000	1,000,000

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

## CAPITAL PROJECT DETAIL

**PROJECT:**        1268    CITY HALL ELEVATOR REPLACEMENT

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**DESCRIPTION:**

Complete overhaul of mechanical systems on (3) City Hall elevators.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	425,000		425,000
2012	-		
2013	-		
2014	-		
2015	-		
<b>TOTAL</b>	<b>425,000</b>	<b>-</b>	<b>425,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bond	-	425,000	-

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

# CAPITAL PROJECT DETAIL

**PROJECT:**        1270    CITY HALL 5TH FLOOR PERIMETER RAIL & LIGHTING

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**DESCRIPTION:**

Fifth floor perimeter - monorail maintenance  
 LED lighting upgrade to the perimeter lights.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	40,000		40,000
2012	-		
2013	-		
2014	-		
2015	-		
<b>TOTAL</b>	40,000	-	40,000

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bond	-	40,000	-

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

## CAPITAL PROJECT DETAIL

**PROJECT:**            1272    HANOVER AVENUE SAFETY IMPROVEMENTS

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**DESCRIPTION:**

To provide safety improvements along Hanover Avenue from N. Irving Street to Club Avenue including, but not limited to traffic calming, "bulbouts", lane narrowing, and increasing the visibility and number of crosswalks.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	500,000		500,000
2012	-		
2013	-		
2014	-		
2015	-		
<b>TOTAL</b>	500,000	-	500,000

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bond	-	500,000	-

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

## CAPITAL PROJECT DETAIL

**PROJECT: 1624 ROOF REPLACEMENT PHASES**

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**DESCRIPTION:**

Replace Roofs:

East Side Fire Station	2011
Restroom/Pavilion Roofs in park system	2012
West End Fire Station	2013
Bridgeworks	2014
Central Fire Station	2015

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	75,000		75,000
2012	75,000		75,000
2013	75,000		75,000
2014	75,000		75,000
2015	75,000		75,000
<b>TOTAL</b>	<b>375,000</b>	-	<b>375,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bond	-	75,000	300,000

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

## CAPITAL PROJECT DETAIL

**PROJECT:**        1684    ENCRYPTED POLICE RADIO PROJECT

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**DESCRIPTION:**

This project will secure police radio operations and prevent unintended person/persons from intercepting our primary police dispatch frequencies.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	750,000	750,000	1,500,000
2012			
2013			
2014			
2015			
<b>TOTAL</b>	750,000	750,000	1,500,000

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bond	-	750,000	-
Federal Aid		750,000	-

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

## CAPITAL PROJECT DETAIL

**PROJECT:**        1690    FIRE HOUSE RENOVATIONS

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**DESCRIPTION:**

This two-year project is for renovations of Mack South, East Side and Fearless Fire stations.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	150,000		150,000
2012	670,000		670,000
2013			
2014			
2015			
<b>TOTAL</b>	<b>820,000</b>	-	<b>820,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bond	-	150,000	670,000

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**IMPACT ON OPERATING BUDGET:**

There would be a modest increase recognizing heat and light costs in the fire houses. This project is a necessity in improving working conditions.

## 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>
Prior to 2011	3,450,000		3,450,000
2011	2,000,000		2,000,000
2012	500,000		500,000
2013	500,000		500,000
2014	500,000		500,000
2015	-		-
<b>TOTAL</b>	<b>6,950,000</b>	<b>-</b>	<b>6,950,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
Sewer Fund	550,000		-
Sewer Revenue Bonds	2,900,000	2,000,000	1,500,000

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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:**        1728    15TH STREET CORRIDOR

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**DESCRIPTION:**

The corridor between Elm and Wyoming Streets, includes the 15th Street Bridge over M.L. King, Jr, Drive, the Ward Street Bridge over the Little Lehigh Creek, and a paved concrete roadway constructed circa 1954. Vehicular activity has worn the surface of the concrete pavement and the steel bridge deck. Traffic induced vibration and rusting of structural members has contributed to the deterioration of both the bridges. Both bridges will be replaced as part of the "Billion Dollar Bridge Bill".

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	696,010	8,859,263	9,555,273
2011	950,000	14,250,000	15,200,000
2012	-		-
2013	-		-
2014	-		-
2015	-		-
<b>TOTAL</b>	<b>1,646,010</b>	<b>23,109,263</b>	<b>24,755,273</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bond	696,010	950,000	-
State Aid	1,102,901	2,250,000	-
Federal Aid	9,555,273	15,200,000	-

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

## CAPITAL PROJECT DETAIL

**PROJECT:**        1743    MECHANICAL RENOVATIONS WWTP

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**DESCRIPTION:**

This project is an on-going preventative maintenance and emergency equipment replacement program that was established in 1998.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	5,017,000		5,017,000
2011	1,200,000		1,200,000
2012	1,500,000		1,500,000
2013	400,000		400,000
2014	400,000		400,000
2015	400,000		400,000
<b>TOTAL</b>	<b>8,917,000</b>	-	<b>8,917,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
Sewer Fund	3,422,000		-
Sewer Revenue Bond	1,595,000	1,200,000	2,700,000

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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.

## CAPITAL PROJECT DETAIL

**PROJECT:**        1748    RESIDENTIAL STREET CONSTRUCTION

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**DESCRIPTION:**

Provides funding for various street paving projects undertaken each year and includes street reconstruction, cold milling and overlay, micro surfacing, 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>
Prior to 2011	-		-
2011	800,000		800,000
2012	700,000		700,000
2013	700,000		700,000
2014	950,000		950,000
2015	950,000		950,000
<b>TOTAL</b>	<b>4,100,000</b>	-	<b>4,100,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bond	-	800,000	3,300,000

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.

# CAPITAL PROJECT DETAIL

**PROJECT:**            1892    ADA RAMPS & RELATED DRAINAGE IMPROVEMENTS

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**DESCRIPTION:**

This project consists of installing various storm sewer improvements in areas where ADA Handicap ramps will be required. It also includes the construction of ADA ramps in conjunction with the Streets Improvement Program.

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<b>FUNDING:</b>	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		-
2011	250,000		250,000
2012	60,000		60,000
2013	60,000		60,000
2014	60,000		60,000
2015	60,000		60,000
<b>TOTAL</b>	<b>490,000</b>	-	<b>490,000</b>

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**PROPOSED SOURCES OF FUNDING:**

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bond	-	250,000	240,000

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**IMPACT ON OPERATING BUDGET:**

Project will not affect the everyday operating costs for the City.