

**CITY OF ALLENTOWN
2011
CAPITAL PROJECTS EXPENDITURE SUMMARY
NEW OR ADDITIONAL FUNDING**

<u>PROJECT #</u>	<u>PROJECT NAME</u>	<u>ADDITIONAL AND/OR NEW REQUESTS</u>	<u>SOURCE OF FUNDING</u>
1206	WWTP SCADA System Expansion	500,000	E
1211	Centrifugally Spun Cast Iron Water Main Pipe	850,000	R
1224	Traffic Signals - Hamilton Street	60,000	G
1234	Crosswalk Upgrades	100,000	G
1238	19th Street Area Improvements	1,500,000	G
1242	Wastewater Treatment Works Security	150,000	E
1248	Sacred Heart Area Improvements	400,000	G
1254	Mecanical Renovations - Water Plant	300,000	R
1268	City Hall Elevator Replacement	425,000	G
1270	City Hall 5th Floor Perimeter Rail & Lighting	40,000	G
1272	Hanover Aveneuue Safety Improvements	500,000	G
1624	Roof Replacement Phases	75,000	G
1684	Encrypted Police Radio Project	750,000	F
1684	Encrypted Police Radio Project	750,000	G
1690	Fire House Renovations	150,000	G
1727	SSES Rehabilitation	2,000,000	E
1728	15th Street Corridor	2,250,000	C
1728	15th Street Corridor	12,000,000	F
1728	15th Street Corridor	950,000	G
1743	Mechanical Renovations WWTP	1,200,000	E
1748	Residential Street Construction	800,000	G
1805	Emergency Water Repairs	200,000	W
1892	ADA Ramps & Related Drainage Improvements	250,000	G
TOTAL		26,200,000	

TOTAL BY SOURCE OF FINANCING:

C - State	2,250,000	GF - General Fund	
D - Solid Waste Fund		R - Water Revenue Bond	1,150,000
E - Sewer Revenue Bond	3,850,000	S - Sewer Fund	
F - Federal	12,750,000	T - Trexler Fund	
G - G.O. Bond	6,000,000	W - Water Fund	200,000

CAPITAL PROJECT DETAIL

PROJECT: 1206 WWTP SCADA SYSTEM EXPANSION

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.

FUNDING:	<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			
TOTAL	2,040,000	-	2,040,000

PROPOSED SOURCES OF FUNDING:

FUND SOURCE	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
Sewer Fund			
Sewer Revenue Bonds	1,500,000	500,000	-
Water Fund	40,000		

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

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.

FUNDING:	<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
TOTAL	11,015,000	-	11,015,000

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

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**

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.

FUNDING:	<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			
TOTAL	760,000	-	760,000

PROPOSED SOURCES OF FUNDING:

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bonds	440,000	60,000	-
General Fund	260,000		-

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1234 CROSSWALK UPGRADES

DESCRIPTION:

Placement of crosswalks at various locations.

FUNDING:	<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			
TOTAL	100,000	-	100,000

PROPOSED SOURCES OF FUNDING:

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

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1238 19th STREET AREA IMPROVEMENTS

DESCRIPTION:

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

FUNDING:	<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			
TOTAL	1,500,000	-	1,500,000

PROPOSED SOURCES OF FUNDING:

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

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1242 WASTEWATER TREATMENT WORKS SECURITY

DESCRIPTION:

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

FUNDING:	<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
TOTAL	475,000	-	475,000

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

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1248 SACRED HEART AREA IMPROVMENTS

DESCRIPTION:

Streetscape improvements for the Sacred Heart area.

FUNDING:	<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	-		
TOTAL	400,000	-	400,000

PROPOSED SOURCES OF FUNDING:

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

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1254 MECHANICAL RENOVATIONS - WATER PLANT

DESCRIPTION:

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

FUNDING:	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
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
TOTAL	1,300,000	-	1,300,000

PROPOSED SOURCES OF FUNDING:

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

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1268 CITY HALL ELEVATOR REPLACEMENT

DESCRIPTION:

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

FUNDING:	<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	-		
TOTAL	425,000	-	425,000

PROPOSED SOURCES OF FUNDING:

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

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

DESCRIPTION:

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

FUNDING:	<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	-		
TOTAL	40,000	-	40,000

PROPOSED SOURCES OF FUNDING:

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

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1272 HANOVER AVENUE SAFETY IMPROVEMENTS

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.

FUNDING:	<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	-		
TOTAL	500,000	-	500,000

PROPOSED SOURCES OF FUNDING:

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

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1624 ROOF REPLACEMENT PHASES

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

FUNDING:	<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
TOTAL	375,000	-	375,000

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

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1684 ENCRYPTED POLICE RADIO PROJECT

DESCRIPTION:

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

FUNDING:	<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			
TOTAL	750,000	750,000	1,500,000

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	-

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1690 FIRE HOUSE RENOVATIONS

DESCRIPTION:

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

FUNDING:	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	150,000		150,000
2012	420,000		420,000
2013	400,000		400,000
2014			
2015			
TOTAL	970,000	-	970,000

PROPOSED SOURCES OF FUNDING:

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
GO Bond	-	150,000	820,000
			-

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

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.

FUNDING:	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		-
2011	2,000,000		2,000,000
2012	800,000		800,000
2013	500,000		500,000
2014	500,000		500,000
2015	500,000		500,000
TOTAL	4,300,000	-	4,300,000

PROPOSED SOURCES OF FUNDING:

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
Sewer Fund			-
Sewer Revenue Bonds		2,000,000	2,300,000

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

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".

FUNDING:	<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	-		-
TOTAL	1,646,010	23,109,263	24,755,273

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	7,756,362	12,000,000	-

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1743 MECHANICAL RENOVATIONS WWTP

DESCRIPTION:

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

FUNDING:	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011			-
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
TOTAL	3,900,000	-	3,900,000

PROPOSED SOURCES OF FUNDING:

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

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

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.

FUNDING:	<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
TOTAL	4,100,000	-	4,100,000

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

IMPACT ON OPERATING BUDGET:

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

CAPITAL PROJECT DETAIL

PROJECT: 1805 EMERGENCY WATER REPAIRS

DESCRIPTION:

This project is an emergency reserve account for unplanned expenditures mainly within the distribution system, but also includes the City's water treatment plant.

FUNDING:	<u>CITY SHARE</u>	<u>NON-CITY SHARE</u>	<u>TOTAL PROJECT</u>
Prior to 2011	-		
2011	200,000		200,000
2012	50,000		50,000
2013	50,000		50,000
2014	50,000		50,000
2015	50,000		50,000
TOTAL	400,000	-	400,000

PROPOSED SOURCES OF FUNDING:

<u>FUND SOURCE</u>	<u>PRIOR 2011</u>	<u>2011</u>	<u>BEYOND 2011</u>
Water Fund		200,000	-
Water Revenue Bond		200,000	-

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: 1892 ADA RAMPS & RELATED DRAINAGE IMPROVEMENTS

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.

FUNDING:	<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
TOTAL	490,000	-	490,000

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

IMPACT ON OPERATING BUDGET:

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

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