Public Works

Mission

Engineering Bureau

To provide quality professional design and inspection services for various Citysponsored infrastructure, safety, transportation, and environmental projects.

Streets Bureau and Traffic Planning Bureau

To provide safe and efficient roadways within the community, to maintain a clean environment through street sweeping. To provide an efficient transportation system achieving convenient, safe, and efficient movement of people and goods in order to enhance economic activity, relieve congestion, and promote energy conservation

Street Lighting

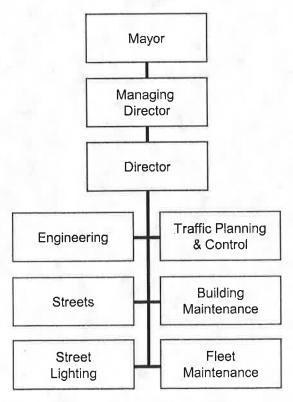
To provide and maintain lighting on the City's street network, enhancing the safety of vehicular and pedestrian traffic at night.

Building Maintenance

To ensure the preservation of City buildings and their systems through normal maintenance procedures and preventive maintenance programs

Fleet Maintenance Operations

To monitor the contract for the ongoing repair and maintenance of the City's fleet of vehicles.



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CITY OF ALLENTOWN PUBLIC WORKS GENERAL FUND SUMMARY

							2011		2011		2012
		2007	2008	2009	2010		Final		Actual &		Final
		Actual	Actual	Actual	Actual		Budget		Estimated		Budget
		Num	ber of Perma	nent Position	าร	#	Salaries	#	Salaries	#	Salaries
	4		ZANDO DI DE CONTROLO DI CONTRO								
Acc	ount Detail								4 000 450		4 705 500
02	PERMANENT WAGES	1,886,124	1,941,621	1,999,007	1,674,032		1,680,682		1,633,152		1,735,568
04	TEMPORARY WAGES	18,131	24,151	33,788	35,899		54,794		54,444		54,954
06	PREMIUM PAY	139,087	94,113	106,578	113,099		166,178		145,905		151,899
11	SHIFT DIFFERENTIAL	5,468	5,500	10,235	10,085		12,573		12,572		13,094
12	FICA	155,825	156,174	152,997	138,615		146,438		124,936		149,597
14	PENSION	165,555	153,536	155,668	119,202		137,440		137,440		123,975
	INSURANCE - EMPLOYEE GROUP	595,584	627,106	430,321	517,370		454,125		454,125		487,676
	Total Personnel	2,965,774	3,002,201	2,888,594	2,608,302		2,652,230		2,562,574		2,716,763
							000 000		075 470		4 024 402
20	ELECTRIC POWER	751,025	716,811	737,518	971,557		988,000		975,172		1,021,192
22	TELEPHONE	3,479	4,013	1,608	-				90		
24	POSTAGE & SHIPPING	25	28	•	12		25		(4):		25
26	PRINTING	-	735	2,266	2,018		2,050		2,050		1,500
28	MILEAGE REIMBURSEMENT	25	34	25	61		125		100		125
30	RENTALS	1,683	118,496	135,909	146,844		219,207		218,859		144,207
32	PUBLICATIONS & MEMBERSHIP	2,276	3,525	1,937	2,613		3,065		1,123		2,844
34	TRAINING & PROF DEVELOP	4,871	6,060	1,779	2,783		4,130		3,896		4,110
42	REPAIRS & MAINTENANCE	113,464	90,281	104,531	71,105		148,800		96,814		97,250
44	PROFESSIONAL SERVICES FEES	2,070	-	9,031	-				(9)		===
46	CONTRACT/SERVICES FEES	1,850,117	1,975,563	2,044,095	2,042,497		2,320,774		2,229,887		2,274,549
50	OTHER SERVICES & CHARGES	20,066	6,501	22,100	19,123		19,700		19,200		21,700
00	Total Services & Charges	2,749,076	2,922,047	3,060,799	3,258,601	8	3,705,876		3,547,101		3,567,502
	,	State Asset Contracts									
54	REPAIR & MAINTENANCE SUPPLIES	529,890	229,864	298,902	377,976		479,120		397,932		495,850
56	UNIFORMS	15,518	13,783	11,038	7,039		15,174		13,000		13,000
58	OFFICE SUPPLIES	2,950	2,459	4,398	1,338				7		
62	FUELS, OILS & LUBRICANTS	1,003,737	1,402,049	1,023,240	1,053,305		1,064,512		1,059,499		1,153,816
64	PIPE & FITTINGS	4,882	8,354	9,321	13,537		16,200		16,200		10,000
66	CHEMICALS	135,801	195,124	133,931	185,683		130,678		128,678		149,760
68	OPERATING MATERIAL & SUPPLIES	29,299	61,676	24,660	16,481		92,868		84,036		94,170
00	Total Materials & Supplies	1,722,077	1,913,309	1,505,490	1,655,359		1,798,552		1,699,345		1,916,596
	, , , , , , , , , , , , , , , , , , , ,	and the second s									10.055
72	EQUIPMENT	54,699	32,875	3,601	8,920		20,500		22,200		16,655
	Total Capital Outlays	54,699	32,875	3,601	8,920		20,500		22,200		16,655
		0.410	47.000	7 121	10,670		10,000		9,714		10,000
90	REFUNDS	3,413	17,380	7,131 66,355	98,570		10,000		5,714		.5,556
99	PRIOR YEARS COMMITMENTS	47,332	90,458		109,240	-	10,000		9,714		10,000
	Total Sundry	50,745	107,838	73,486	105,240		10,000		0,117		,0,000
5.0											
	Total Expenditures	7,542,371	7,978,270	7,531,970	7,640,422		8,187,158		7,840,934	•	8,227,516
	Total Expellatares	. ,	. Jan Jan	A PART OF A PART		-					

Bureau:	No:	Department:	Program:	No:	-
Director & Engineering	03-0701	Public Works	Administration	0001	

Program Description - Public Works:

The Director of Public Works is responsible for the overall administration of department activities and provides guidance to Bureau Managers in the management of their respective bureaus. The Office of the Director administers a variety of annual programs that affect the health, convenience and comfort of City residents and the community, including the maintenance and repair of all City streets, bridges, sewers, water lines and sidewalks, as well as a comprehensive traffic signal and signing network; the design of public works projects and review of related construction; the provision of an adequate water supply and distribution system; the provision for disposal and treatment of sewage; the maintenance and repair of all City motorized equipment; the collection and disposal of solid waste; and the maintenance and repair of City owned buildings.

Program Description - Engineering:

The primary function of the Engineering Bureau is to provide professional design drafting, professional surveying and inspection capabilities for the numerous infrastructure projects undertaken by the City, review all subdivisions and land developments also review building permits for compliance with City Ordinances and Codes, and to maintain permanent records of the City's infrastructure as required by State Law under the Third Class City Code. Activities include design and inspection of all streets, utilities, bridges, bridge rehab, review of subdivisions and public improvements cost estimates, and design of City-owned subdivisions, and drafting all City as-built plans and grade plan and block plan updates reflecting revisions within the City. Maintain and update multiple layers of the City GIS.

Goals - Public Works:

To provide a balanced network of various modes of transportation and a safe and efficient system of inner-city travel; to provide safe, potable water in adequate quantities; to promote resource conservation and increased public awareness of issues facing public works; to provide for the safe disposal and treatment of sewage and solid waste, and to promote increased efficiencies in all public works operations.

Goals - Engineering:

To continue the complete design and inspection services for all City infrastructure programs, continue preliminary planning and environmental work for the American Parkway and the new Lehigh River Bridge, to integrate the engineering design of public works projects, to provide continual training for the Computer Aided Design and Drafting System, and provide a permit system which traces all construction in the public right of way.

Measurable Budget Year Objectives and Long Range Targets - Public Works:

- To expand and upgrade the water distribution system.
- To eliminate all leaks in the sanitary sewer system.
- To upgrade City buildings to modern-day standards, including appropriate expansions and ADA considerations.
- To review and upgrade the City's comprehensive transportation network.
- To reduce safety hazards on and around public works facilities.
- To oversee the American Parkway NE project, up to and including completion of final design.
- To oversee the contract for the collection and disposal of solid waste and recycling materials.
- To promote the reuse of recycled materials.
- To oversee a management plan that addresses graffiti on City-owned facilities.
- To promote the expansion of treatment capacity at the Kline's Island Wastewater Treatment Plant by ten percent.
- To implement and maintain comprehensive storm water management plan.

Measurable Budget Year Objectives and Long Range Targets - Engineering:

- Continue the upgrading of the 3D CAD drafting
- Complete fifth phase construction of a program to place safety grates over the inlets of various storm sewers.
- Participate in the acquisition of property for the new Lehigh River Bridge.
- Provide preliminary studies of City-owned parcels for possible subdivision.
- Provide design services for AEDC.
- Provide staff review support to planning bureau through review of subdivisions and cost estimates.
- Provide support to property review committee through plan preparation, as requested.
- To continue the upgrading of the City's block plans and establishing accurate locations for city utilities by GPS surveys.
- To continue upgrading and editing of the following layers in City Boundary, storm, sanitary, tax parcels, subdivisions, road edges, street centerline, easements, and miscellaneous utilities.

Engineering	2008	2009	2010	2011	2012
Impact/Output Measures	Actual	Actual	Actual	Estimated	Budgeted
Surveys for curb/sidewalk	3,900	3,500	3,180	3,500	3,500
Design of roadway/bridge projects	3	4	4	4	4
Design of utility projects (Storm, Sanitary, Water)	30	30	25	25	20
Subdivision review (major & minor)	41	19	25	20	20
Cost estimate review	1	1	1	1	1
Street vacations processed	4	8	8	8	8
Utility location requested (ACT 38)	112	108	120	120	100
Utility and private excavation permits	260	320	325	550	500
Utility pole permits	20	20	20	20	20
Crossover permits	82	62	59	63	60
Work orders issued	471	377	400	400	390
City inspection (roadway & utility)	1,830 _{GF}	1,740	1,675	1,800	1,800

FUND 000 GENERAL
DEPT 03 PUBLIC WORKS
BUREAU 0701 DIRECTOR - PUBLIC WORKS
PROGRAM 0001 ADMINISTRATION

			2007 Actual	2008 Actual	2009 Actual	2010 Actual		2011 Final Budget		2011 Actual & Estimated		2012 Final Budget
Pers	sonnel Detail	ſ		ber of Perma	anent Positio	ns	#	Salaries	#	Salaries	#	Salaries
	21N	Director of Public Works	0.6	0.1	0.1	0.1	0.1	8,910	0.1	8,909	0.1	9,053
	18N	Deputy Director of PW	2	*	0.4	0.4	(80	253			- 2	*
	18N	Manager of Engr/City Engr	0.6	0.4	398	:30		180		**		
	16N	Sr Civil Engineer/Asst City	0.8	0.4	0.4	0.4	0.4	30,874	0.4	30,869	0.4	31,363
		Total Positions	2.0	0,9	0.9	0.9	0.5		0.5		0.5	
Acc	ount Detail											
02	PERMANENT Y	WAGES	148,472	89,704	70,473	59,225		39,784		39,778		40,416
12	FICA		11,202	6,848	5,380	4,472		3,043		3,043		3,092
14	PENSION		6,689	2,769	2,552	2,758		1,883		1,883		1,653
16	INSURANCE -	EMPLOYEE GROUP	24,064	17,228	11,066	11,970		<u>7,</u> 075		7,075		7,712
		Personnel	190,427	116,549	89,471	78,425		51,785		51,779		52,873
24	POSTAGE & S	HIPPING	*	28		(t#)		25		30		25
28	MILEAGE REIN	MBURSEMENT	2	34	*			25		(*)		25
32	PUBLICATION	S & MEMBERSHIP	1,531	3,320	1,485	1,690		2,000		160		2,000
34	TRAINING & P	ROF DEVELOP	2,472	3,665	781	1,154		1,250		1,125		1,250
42	REPAIRS & MA	AINTENANCE	653	1,268	5	7.5		500		•		500
46	CONTRACT/S	ERVICES FEES	12	*	*	500		500				500
50	OTHER SERV	ICES & CHARGES	3,066	390				500_		<u>**</u>		500
		Services & Charges	7,722	8,705	2,266	3,344		4,800		1,285		4,800
54	REPAIR & MAI	NT SUPPLIES	19	16	×	**		200		۰		200
58	OFFICE SUPP	LIES	68	3	3	-		*				
68	OPERATING N	MATERIAL & SUPPLIES					2	400			_	350
17		Materials & Supplies	87	16	*	7.		600				550
90	REFUNDS			17,380	7,131	10,670		10,000		9,714		10,000
		COMMITMENTS	-	514	106	977						
		Sundry		17,894	7,237	11,647		10,000		9,714		10,000
TOT	TAL .	ADMINISTRATION	198,236	143,164	98,974	93,416		67,185		62,778		68,223

Bureau:	No:	Department:		Program:	No:
Streets	03-0704	Public Works	F.	Fleet Services & Repair	0001

Program Description:

This program provides for the service and repair of all City owned/leased motorized vehicles and equipment via a contract with a private vendor. It includes a computerized Fleet Management System and accountability/acquisition of fuels. This program performs state inspections, road service, lubes, painting, and rebuilding of component parts for vehicles and equipment. It also stocks and issues computer-tracked parts, makes repairs due to accidents, perform welding for the fleet. This program performs intensive preventative maintenance on over 600 vehicles and extensive rebuilding/refurbishing of select vehicles, while providing 24-hour standby support.

Goal(s):

To prolong life of vehicles and provide most cost effective services and repair. Assure timely repair support to all equipment users of City owned vehicles.

Measurable Budget Year Objectives and Long Range Targets:

- Continue to update computer generated reports to track vehicle cost per mile operation.
- Reduce downtime by improving parts availability.
- Improve preventative maintenance by using computer scheduling.
- Performing at least 400 3,000 mile inspections / 560 4,000 mile inspections.
- Performing at least 525 state inspections.
- Tracking fuel consumption and accountability.
- Extending the useful life of the truck fleet through prepping and repainting dump bodies.
- Network City Garage to City's computer system.
- Improve/upgrade computer database for fleet maintenance tracking.
- Continue to look for fuel saving technologies and alternative fuel opportunities.

Impact/Output Measures	2008 Actual	2009 Actual	2010 Actual	2011 Estimated	2012 Budgeted
Number of State Inspections (Annual & Semi-Ar	nual) 529	533	547	525	540
Number of 4,000-mile inspections	560	595	589	580	580
Number of 3,000-mile inspections	435	391	421	425	425
Number of gallons of fuel purchased	470,101	447,719	452,642	460,000	420,000
Percent availability of fleet	98%	98%	98%	98%	98%
Number of gallons of diesel fuel purchased	213,147	194,553	191,702	220,000	195,000
Number of gallons of unleaded fuel purchased	256,954	253,166	260,940	240,000	225,000

FUND

000 GENERAL

DEPT 03 PUBLIC WORKS
BUREAU 0704 FLEET MAINTENANCE OPERATION
PROGRAM 0001 FLEET SERVICES & REPAIR

	2007 Actual	2008 Actual	2009 Actual	2010 Actual		2011 Final Budget		2011 Actual & Estimated		2012 Final Budget
Personnel Detail		nber of Perm	anent Positio	ons	#	Salaries	#	Salaries	#	Salaries
	- 2		-		= 0	-				je.
Total Positions	•	85			•		=20			
Account Detail										
20 ELECTRIC POWER	25,241	23,118	24,237	31,500		31,500		31,500		33,500
26 PRINTING		5.50	986			1,000		1,000		1,000
32 PUBLICATIONS & MEMBERSHIP		000	200	116		125		125		125
34 TRAINING & PROF DEVELOP	≨	243	460			3				
42 REPAIRS & MAINTENANCE	25,600	25,900	26,944	7,803		24,250		24,250		24,250
44 PROFESSIONAL SERVICES FEES	2,070	(1992)	1,292							
46 CONTRACT/SERVICES FEES	1,551,400	1,696,573	1,823,977	1,893,474		1,966,024	′	1,956,024		2,034,625
50 OTHER SERVICES & CHARGES	17,000	6,111	22,100	19,123		19,200		19,200		21,200
Services & Charges	1,621,311	1,751,702	1,899,996	1,952,016		2,042,099		2,032,099		2,114,700
54 REPAIR & MAINTENANCE SUPPLIES	*	063	161	(2)		250		250		250
62 FUELS, OILS & LUBRICANTS	784,266	1,207,761	858,840	914,916		853,000		853,000		968,300
68 OPERATING MATERIAL & SUPPLIES	3,695			260	ē	500		500		500
Materials & Supplies	787,961	1,207,761	859,001	915,176		853,750		853,750		969,050
72 EQUIPMENT	_	7,500	42	3,316		5,000		5,000		5,000
Capital Outlays	-	7,500		3,316	_	5,000		5,000		5,000
99 PRIOR YEARS COMMITMENTS	*	•	5,527	3		180		:=.		
Sundry	-	F6	5,527	3	8 5				(9)	*
TOTAL FLEET SERV & REPAIR	2,409,272	2,966,963	2,764,524	2,870,508		2,900,849		2,890,849		3,088,750

Bureau:	No:	Department:	Program Maintenance	No:
Building Maintenance	03-0707	Public Works	Maintenance	0001

Program Description:

This program provides for a two-phased approach towards the maintenance of City-owned buildings and Hamilton Street sidewalk repairs (6th to 9th Streets). Phase I provides for general maintenance activities that are required due to the normal use of these facilities and equipment. Related functions include general housekeeping and appearance, and provisions for the health and safety of the public and employees. Phase II of the program provides for a cost-effective preventive maintenance plan, in order to minimize the wear and tear on City buildings equipment and increase the efficiency of this equipment.

This program also is responsible for the warehousing and distribution of centrally purchased inventory such as janitorial supplies and copy paper. The central warehousing is expected to significantly grow in 2012.

Goal(s):

Provide a safe, clean and conducive working environment, assuring an adequate useful life for City buildings and facilities. Additionally, be certain that all repairs and improvements to the City's facilities are done to code in the most cost effective manner and also at the highest standards.

Measurable Budget Year Objectives and Long Range Targets:

To continue to develop a preventive maintenance program and be more responsive to service demands by:

- Recording and evaluating the progress of all preventive maintenance programs and making changes as needed.
- Making repairs and upgrading all systems to improve the effectiveness of preventive maintenance.
- Handling emergency calls in most efficient manner.
- Identifying, implementing, and managing Capital construction and renovation projects necessary to maintain code compliance, rehabilitation and preservation of City facilities.
- Planning and completing minor construction projects with in-house personnel that will enable more efficient use of existing space.
- Prioritizing support requests and also including as many requests as possible along with other scheduled jobs.
- Establishing better communications with departments needing support services.
- Installing more permanent facilities at sites where annual events occur so that less setup and breakdown is needed.
- Manage and maintain City rental properties in Park System

Impact/Output Measures	2008	2009	2010	2011	2012
	Actual	Actual	Actual	Estimated	Budgeted
Job orders processed	1,577	1,598	1295	1300	1600
Capital Projects completed	1	0	0	2	1

FUND

000 GENERAL

DEPT 03 PUBLIC WORKS
BUREAU 0707 BUILDING MAINTENANCE
PROGRAM 0001 MAINTENANCE

		2007	2008	2009	2010 Actual		2011 Final		2011 Actual & Estimated		2012 Final Budget
Personnel D	otail	Actual	Actual	Actual anent Position		#	Budget Salaries	#	Salaries	#	Salaries
reisonnei D	15N Facillities Manager	Null	iber of Ferm	1.0	1.0	1.0	59,462	1.0	59,452	1.0	60,346
	13N Chief Maint Supervisor	1.0	1.0	-	1.0	1.0	-	1.0	-		00,010
	10N Maintenance Technician	1.0	1.0	1.0	1.0	1.0	52,494	1.0	52,482	1.0	53,248
	08N Maintenance Foreperson	1.0	1.0	1.0	1.0	1.0	43,758	1.0	43,750	1.0	44,408
	13M Tradesman - Plumber	1.0	1.0	1.0	1.0	1.0	49,868	1.0	49,906	1.0	50,622
	13M Tradesman - Carpenter	1.0	1.0	1.0	1.0	1.0	49,868	1.0	49,906	1.0	50,622
	13M Tradesman	1.0	1.0	1.0	-	2.0	91,250	2.0	78,630	2.0	87,433
	13M Tradesman - Electrician	2.0	2.0	2.0	1.0	1.0	48,368	1.0	48,371	1.0	49,385
	10M Maintenance Worker 3	2.0	2.0	2.0	2.0	340	2	100			±2
	08M Maintenance Worker 2	5.0	5.0	5.0			- 2	-	2	12	22
	08M MWII/Stock Clerk				-			0.00	-	1.0	34,445
	08M Clerk 3	1.0	1.0	1.0	96	2900					#3
	06M MW1/Custodial	\E.		4.0	4.0	4.0	148,403	4.0	135,570	4.0	141,124
	Total Positions	15.0	15.0	20.0	12.0	12.0		12.0		13.0	
Account Det											
02 PERMAI	NENT WAGES	590,344	617,381	673,951	511,318		543,471		518,067		571,633
04 TEMPO	RARY WAGES	18,131	15,469	24,994	35,899		50,954		50,604		51,114
06 PREMIU		42,980	24,428	32,795	23,386		59,678		38,816		41,891
	IFFERENTIAL	1,918	1,843	5,228	4,602		5,248		5,247		5,344
12 FICA		49,749	49,746	55,758	43,449		50,440		39,632		51,254
14 PENSIO	• •	50,168	46,153	56,709	36,772		45,186		45,186		42,978
16 INSURA	NCE - EMPLOYEE GROUP	180,480	187,218	245,900	159,600		150,450		150,450		170,271
	Personnel	933,770	942,238	1,095,335	815,026		905,427		848,002		934,484
20 ELECTF	RIC POWER	273,530	224,380	231,622	346,355		371,500		358,672		360,500
22 TELEPH		857	1,249	471	040,000		071,000		000,012		200,000
30 RENTAL		1,077	78,871	135,770	137,812		141,207		141.206		90,207
		1,077	70,071	113	116		120		119		119
	ATIONS & MEMBERSHIP NG & PROF DEVELOP	388	224	130	130		80		80		160
	S & MAINTENANCE	82,857	60,472	60,854	62.385		120,550		70.064		70,000
		182,223	226,756	146,128	119.588		247,000		206,713		149,974
46 CONTR	ACT/SERVICES FEES	541,119	591,952	575,088	666,386		880,457	•	776,854		670,960
	Services & Charges	541,119	591,952	373,000	000,300		000,407		110,004		070,000
54 REPAIR	& MAINT SUPPLIES	54,303	48,130	66,913	34,295		90,500		40,679		81,500
56 UNIFOR		3,575	1,939	3,366	1,630		3,000		2,000		2,000
	SUPPLIES	1,118	844	2,093	103		100				8
	OILS & LUBRICANTS	125,086	164,784	141,406	116,311		180,012		174,999		154,016
	FITTINGS	4,882	8,354	9,321	13,537		16,200		16,200		10,000
66 CHEMIC		834	4,387	2,324	759		4,000		2,000		2,000
	TING MATERIAL & SUPPLIES	1,597	649	769	180		3,800		3,300		4,000
00 01 2701	Materials & Supplies	191,395	229,087	226,192	166,815		297,512		239,178		253,516
			4.00=	0.004	0.000				4 700		0.500
72 EQUIPM		25,750	1,287	3,601	3,963	e :		6.	1,700		2,500
	Capital Outlays	25,750	1,287	3,601	3,963				1,700		2,500
99 PRIOR	YEARS COMMITMENTS	18,055	22,658	37,390	18,389						
	Sundry	18,055	22,658	37,390	18,389			10			-
	•	•		•					41		
TOTAL	BLDG MAINTENANCE	1,710,089	1,787,222	1,937,606	1,670,579		2,083,396		1,865,734		1,861,460

Bureau:	No:	Department:	Program:	No:
Streets	03-0716	Public Works	Maintenance	0001

Program Description:

This program is responsible for the paving and reconstruction of streets, alleys, and the restoration of utility cuts and trenches, repair of sinkholes, frost boils and pot holes, crack-sealing, shaping unimproved streets, and minor maintenance of bridges. Coverage is also provided for a variety of civic service projects and for any emergency situations. This program incorporates all phases of salting, pre-wetting of City streets prior to a snow storm event, sanding, plowing and snow removal with 24 hour coverage during the winter season (November to April). This program includes hand sweeping by City crews of City streets, alleys and certain posted areas which are not a part of the automatic sweeping program. The Streets Department is responsible for the entire removal of leaves from the city streets.

Goal(s):

To establish and adhere to a street maintenance program and to totally reconstruct and overlay some streets that will extend the useful life of the street. Provide safe and accessible streets during winter months. Provide for efficient, effective, and safe street sweeping services, and to provide a clean environment through the cleaning of storm drains. Provide an efficient and effective program to remove leaves from our City Streets.

Measurable Budget Year Objectives and Long Range Targets:

- Investigate and expedite responses to complaints received from citizens and other City Bureaus.
- Maintain the City streets under an ongoing maintenance program.
- Continue with a measurable alley program.
- Offset the cost of total reconstruction wherever possible by overlaying streets that can be saved another 10 to 12 years.
- Continue to experiment with new cost effective products to extend the life of overlayed streets
- Pre-wet major roads with salt-brine before a snow event. Clear ice and snow and be prepared to start the program within 30 minutes of receiving an Accu-Weather storm warning.
- Experiment with new methods of snow and ice control.
- Continue an aggressive pothole program throughout the entire year.
- Continue an aggressive spray patching program throughout the entire year.
- Continue the rubberized crack-seal maintenance program

Impact/Output Measures	2008 Actual	2009 Actual	2010 Actual	2011 Estimated	2012 Budgeted
Number of Potholes repaired	15,552	12,427	10,488	12,000	12,000
Curb Backup (permits completed)	54	50	42	50	50
Utility Cuts & Lateral Restored (permits completed)	19	25	6	15	15
Crack-sealing (miles)	20.0	20	15	15	15
Overlays (miles)	4.14	4.48	3.87	0	,,5
Reclamation (miles)	.64	.20	.11 🗉	.1	.,1
Reconstruction (miles)	.29	.07	.02	.11	.1
Strip (miles)	1.04	1.17	1.16	1.9	1.5
Miscellaneous (miles)	.03	.03	1.58	1.5	1.5
Rock Salt Purchased (tons)	5,332	5,586	2,720.07	1,792	2050
Anti-Skid Applied (tons)	8	28	57.5	100	100
Mix Applied (tons)	1,431	4,303	1,584	1,500	1,500
Number of gallons Liquid Calcium applied	138	1,638	2,626	:500	-
Number of gallons Salt Brine applied	54,800	91,400	103,318	100,000	100,000
Cubic yards of snow removed	261	882	24,366	20,000	6,000

FUND 000 GENERAL
DEPT 03 PUBLIC WORKS
BUREAU 0716 STREETS
PROGRAM 0001 MAINTENANCE

		2007 Actual	2008 Actual	2009 Actual	2010 Actual	#	2011 Final Budget Salaries	#	2011 Actual & Estimated Salaries	#	2012 Final Budget Salaries
Personnel Detail		The second secon		anent Positio	1.0	1.0	76,518	1.0	76,498	1.0	77,636
16N		1.0	1.0	1.0		1.0	46,922	1.0	46,911	1.0	47,708
09N		1.0	1.0	1.0	1.0 1.0	1.0	49,238	1.0	49,275	1.0	50,909
14N		1.0	1.0	1.0	1.0	1.0	49,230	1.0	40,210	1.0	00,000
10N		1.0	1.0	0.0	0.0	2.0	91.656	2.0	91,465	2.0	93.140
10N		3.0	3.0	3.0	2.0	2.0	90,270	2.0	90,333	2.0	91,696
09N		2.0	2.0	2.0	2.0		320,055	8.0	298,759	8.0	326,507
/I80		8.0	8.0	9.0	8.0	8.0	320,055	1.0	32,165	1.0	35,926
06N		1.0	1.0	1.0	1.0	1.0	32,734	1.0	32,103	1.0	33,320
06N		2.0	2.0	2.0	2.0			1.0	41,356	1.0	42,020
061/		1.0	1.0	1.0	1.0	1.0	41,322	17.0	41,336	17.0	42,020
	Total Positions	21.0	21.0	21.0	19.0	17.0		17.0		17.0	
Account Detail		744 740	770.070	827.967	765,008		748,715		726,762		765,542
02 PERMANENT		741,713	779,972		76,106		91,000		91,589		95,008
06 PREMIUM PA		71,546	49,411	55,466 4,943	5,432		7,250		7,250		7,650
11 SHIFT DIFFE	RENTIAL	3,496	3,571		64,099		64,793		55,597		66,417
12 FICA		62,142	63,056	67,407	58,222		64,013		64,013		56,202
14 PENSION		70,236	67,691	62,381			208,300		208.300		216,847
16 INSURANCE	- EMPLOYEE GROUP Personnel	252,672 1,201,805	271,610 1,235,311	25,815 1,043,979	252,700 1,221,567	8	1,184,071		1,153,511		1,207,666
		04.050	23,118	24,237	27,720		31,500		31,500		33,000
20 ELECTRIC P		21,252	2,426	978	21,120		01,000		0.,,000		· ·
22 TELEPHONE		2,487	2,420	25	61		100		100		100
	IMBURSEMENT	25		25 67	8,967		77,600		77,600		53,600
30 RENTALS		540	39,159	226	494		600		600		600
	NS & MEMBERSHIP	321	134	398	1,309		2.500		2,500		2,700
- ,	PROF DEVELOP	2,011	1,931		467		1,500		1,500		1,500
	MAINTENANCE	2,000	1,760	1,340			27,250		27,250		29,850
46 CONTRACT/	SERVICES FEES	96,406	45,438	23,790	23,623	-	141,050	-	141,050		121,350
	Services & Charges	125,042	113,966	51,061	62,641		141,050				,
54 REPAIR & M	AINTENANCE SUPPLIES	448,661	171,088	222,499	284,594		322,000		322,000		352,000
56 UNIFORMS	///////////////////////////////////////	10,537	9,951	6,796	4,757		10,000		10,000		10,000
58 OFFICE SUF	PLIES	1,499	1,379	1,625	831		- 2		-		90
	& LUBRICANTS	94,385	29,504	22,994	22,078		31,500		31,500		31,500
66 CHEMICALS		134,503	190,346	131,179	184,493		126,238		126,238		147,300
	MATERIAL & SUPPLIES	2,863	1,196	589	211		13,050		13,112	2.	14,050
00 OPERATING	Materials & Supplies	692,448	403,464	385,682	496,964		502,788	_	502,850		554,850
72 EQUIPMENT		28,949	24,088	-	-		5,500		5,500	_	9,155
12 EQUITMENT	Capital Outlays	28,949	24,088	-		_	5,500	•	5,500		9,155
99 PRIOR YEAR	RS COMMITMENTS	10,614	230	17,633	15,178				1.5		
33 TRIOR TEA	Sundry	10,614	230	17,633	15,178		*	74			
TOTAL	STREETS	2,058,858	1,777,059	1,498,355	1,796,350		1,833,409		1,802,911		1,893,021

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Program Description:

This program provides for the development and maintenance of a safe and efficient transportation network through the following activities: installation, operation, and maintenance of traffic control devices including traffic signals, traffic signs, and pavement markings; investigation of complaints and requests for new and/or changes to existing traffic control devices; review of building permits, street vacations, subdivision, and zoning variance requests; development of improvement schemes for new facilities and modifications to existing facilities; traffic signal design; administration of federal aid transportation programs; and traffic studies including capacity analyses, traffic counts, speed surveys, parking surveys, and accident analyses.

Goal(s):

To provide for safe and efficient movement of vehicles and pedestrians on City streets.

Measurable Budget Year Objectives and Long Range Targets:

- Upgrade intersection street name signs.
- Improve pedestrian safety through the placement of crosswalks.
- Reduce traffic signal call-outs as a result of a comprehensive preventive maintenance program.

Impact/Output Measures	2008 Actual	2009 Actual	2010 Actual	2011 Estimated	2012 Budgeted
# of traffic regulations ordained	30	22	20	15	20
# of street name signs installed/upgraded	165	95	40	50	50
# of locations with marked crosswalks	40	10	10	20	35
Callouts during non-working hours	38	35	37	38	42
Preventive maintenance performed at intersections	60	60	0	10	20

FUND

GENERAL 000

DEPT

PUBLIC WORKS

BUREAU

TOTAL

TRAFFIC PLNG & CTL

814,261

03

PROGRAM

0807 TRAFFIC PLANING & CONTROL 0001 TRAFFIC PLANING & CONTROL

2011 2012 2011 Final 2010 Final Actual & 2007 2008 2009 Budget Estimated Budget Actual Actual Actual Actual Salaries **Number of Permanent Positions** Salaries # Salaries # Personnel Detail 71,084 71,063 1.0 72,124 1.0 1.0 Traffic Ctl Superintendent 1.0 1.0 1.0 1.0 16N 59,358 58,500 58,490 1.0 1.0 1.0 1.0 1.0 13N Chief Maintenance Supr 1.0 1.0 Traffic Maintenance Supr 11N Traffic Control Foreperson 1.0 1.0 08N 1.0 1.0 183,599 175,985 4.0 176,702 4.0 4.0 Traffic Signal Light Tech 2 5.0 5.0 4.0 4.0 12M 42,896 1.0 1.0 1.0 43,142 1.0 42,290 1.0 Maintenance Worker 2 2.0 2.0 M80 Maintenance Worker 1 2:0 06M 2.0 8.0 7.0 8.0 7.0 7.0 **Total Positions** 12.0 12.0 Account Detail 357,977 02 PERMANENT WAGES 405,595 454.564 426,616 338,481 348,712 348,545 3,840 3,840 3,840 8,794 8,682 **TEMPORARY WAGES** 15,000 15,500 13,607 15,500 PREMIUM PAY 24,561 20,274 18,317 06 100 75 SHIFT DIFFERENTIAL 54 86 64 51 75 11 32,732 36,524 24,452 26,595 28,162 26,664 28,834 12 FICA 26,358 23,142 21,450 26,358 34,026 36,923 14 **PENSION** 38.462 88,300 92,847 88,300 93,100 INSURANCE - EMPLOYEE GROUP 138,368 151,050 147,540 16 521,740 708,103 659,809 493,284 510,947 509,282 Personnel 639,772 69,500 69,500 69,500 63,362 58,000 ELECTRIC POWER 107,449 61,849 135 338 159 **TELEPHONE** 22 500 2,018 1,050 1.050 735 1,280 PRINTING 26 53 400 72 65 400 466 RENTALS 66 119 197 220 **PUBLICATIONS & MEMBERSHIP** 237 71 113 32 240 190 300 191 TRAINING & PROF DEVELOP 10 1,000 450 2,000 1,000 881 15,393 2,354 **REPAIRS & MAINTENANCE** PROFESSIONAL SERVICES FEES 7.739 44 36,000 29,500 59,000 20,088 6,796 8,396 4,824 CONTRACT/SERVICES FEES 65,744 132,470 107.913 100,900 Services & Charges 130,329 71,376 96,524 14,900 7,582 11,900 4,047 15,315 **REPAIR & MAINT SUPPLIES** 5,956 9,205 54 1,000 1,000 UNIFORMS 1,406 1,893 876 652 2,174 56 236 680 404 265 58 OFFICE SUPPLIES 440 460 428 431 440 CHEMICALS 464 391 47,368 42,301 52,520 **OPERATING MATERIAL & SUPPLIES** 17,406 40,517 20,357 14,220 26,388 31,022 64,882 51,323 65,880 25,497 52,242 Materials & Supplies 10,000 10,000 1,641 72 EQUIPMENT 10,000 Capital Outlays 1,641 10.000 27 925 33,247 1.478 99 PRIOR YEARS COMMITMENTS 18,663 18,663 33,247 1,478 27,925 Sundry

718,299

619,616

784,199

864,968

678,518

688,520

Bureau:	No:	Department:	Program:	No:
Street Lighting	03-0809	Public Works	Street Lighting	.0001

Program Description:

This program provides illumination of City streets through the installation and maintenance of street lights.

Goal(s):

To provide for the safe nighttime movement of vehicles and pedestrians on City streets.

Measurable Budget Year Objectives and Long Range Targets:

To provide adequate street lighting for the safety and welfare of City residents in a cost-effective manner by:

- Installing new lights where necessary.
- Repaint existing steel poles on Mack Boulevard and on Ott Street.

Impact/Output Measures	2008	2009	2010	2011	2012
	Actual	Actual	Actual	Estimated	Budgeted
# of City-owned lights	7,783	7,783	7,851	7,867	7,900

FUND 000 GENERAL
DEPT 03 PUBLIC WORKS
BUREAU 0809 STREET LIGHTING
PROGRAM 0001 STREET LIGHTING

		2007 Actual	2008 Actual	2009 Actual	2010 Actual		2011 Final Budget		2011 Actual & Estimated		2012 Final Budget
Pe	rsonnel Detail	Num	ber of Perma	ment Positio	ns	#	Salaries	#	Salaries	#	Salaries
			7.7		-					- 171	
	Total Positions	(*)	-	-	•	*		*			
Ac	count Detail										
20		323,553	384,346	394,060	507,982		484,000		484,000		524,692
46		-	56	41,804	488		21,000		3,900		30,100
	Services & Charges	323,553	384,346	435,864	508,470		505,000		487,900	_	554,792
54	REPAIR & MAINT SUPPLIES	20,951	1,425	5,282	43,772		51,270		27,421		50,000
68	OPERATING MATERIAL & SUPPLIES	3,738	19,314	2,945	1,610		27,750		24,823	_	22,750
	Materials & Supplies	24,689	20,739	8,227	45,382	-	79,020		52,244		72,750
90	REFUNDS	3,413	-	-	-		£				2
99	PRIOR YEARS COMMITMENTS	_	33,809	4,221	36,101				22		
	Sundry	3,413	33,809	4,221	36,101) #	-	•
TC	TAL STREET LIGHTING	351,655	438,894	448,312	589,953		584,020		540,144		627,542

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