

SANITATION

In FY 2009 funding will be used to replace older rolloff trucks, sideload refuse trucks and loose trash equipment trucks that have reached the end of their serviceable life.



Project Name: Sanitation Office Trailer
Fund #: 2480
Project #: T2411
Picture Note: Sanitation's current office trailer.



Project Name: Rolloff Trucks & Bins - 17810
Fund #: 2480
Project #: 78001



Project Name: Commercial Trucks - 17820
Fund #: 2480
Project #: 78002

**FY 2009 - 2018 Capital Improvement Program
Capital Projects By Fund and Project Number**

Fund: Sanitation (2480)

Category: Other

Project Name:	Carryover:	FY 08-09:	FY 09-10:	FY 10-11:	FY 11-12:	FY 12-13:	FY 14-18:
78001 Rolloff Trucks - 6269	0	50,000	393,584	421,136	0	301,979	1,246,959
78002 Frontloader Trucks-6271	233,853	779,826	278,137	0	0	1,008,164	3,370,558
78003 Sideload Refuse Trucks-6272	0	996,324	1,332,585	1,711,032	2,135,945	979,482	12,166,210
78004 Loose Trash Equipment - 6280	435,881	221,930	805,361	0	0	809,584	4,218,349
78005 Repl Pickup Trucks -Sanitation	0	41,730	107,578	64,488	43,645	43,645	347,705
T2410 Insertion Machine: Sanitation	0	0	0	0	0	0	68,000
T2411 *Sanitation Office Trailer	0	0	0	0	0	0	507,500
Total Sanitation Projects:	\$669,734	\$2,089,810	\$2,917,245	\$2,196,656	\$2,179,590	\$3,142,854	\$21,925,281
Total FY 08-09 Funding:		\$2,759,544					

* New Project

FY 2009-2018 Capital Improvement Plan Capital Project Detail

Fund: Sanitation (2480)

Category: Other

Project: 78001 - Rolloff Trucks - 6269

Funding Source: Sanitation Revenues

Project Description: Purchase of eight rolloff trucks and containers over a 10-year period. Service life of rolloff trucks is projected to be nine years. None of this equipment is in the city's vehicle replacement fund. In FY 2009, ten 40-yard rolloff containers will be purchased at a cost of \$5,000 each.

Capital Costs:	Carryover	2009	2010	2011	2012	2013	2014-2018
Finance Charges	\$0	\$0	\$5,816	\$6,224	\$0	\$4,463	\$18,425
Equipment	\$0	\$50,000	\$387,768	\$414,912	\$0	\$297,516	\$1,228,534
TOTAL	\$0	\$50,000	\$393,584	\$421,136	\$0	\$301,979	\$1,246,959

Operating Description: O and M includes staffing an Equipment Operator to operate a new truck in FY 2013 (includes benefits). Insurance cost is based on the current average cost (\$2,756) per employee for insurance for Fund 2480. Equipment maintenance cost include repairs, tires and fuel based on Equipment Management recommendation.

Operating Costs:	2009	2010	2011	2012	2013	2014-2018
Staffing	\$0	\$0	\$0	\$0	\$62,448	\$341,492
Equip. Maint.	\$0	\$0	\$0	\$0	\$59,355	\$324,577
Insurance	\$0	\$0	\$0	\$0	\$3,195	\$17,472
TOTAL	\$0	\$0	\$0	\$0	\$124,998	\$683,541

Project: 78002 - Frontloader Trucks-6271

Funding Source: Sanitation Revenues

Project Description: Replacement of ten commercial frontload refuse collection trucks, one commercial sideload refuse truck and one container delivery truck over a 10-year period that will have reached the end of their service life. Service life is projected to be six years except the delivery truck which is projected at 10 years. None of this equipment is in the city's vehicle replacement fund. Three frontload trucks will be replaced in FY 2009 at a cost of \$256,100 each.

Capital Costs:	Carryover	2009	2010	2011	2012	2013	2014-2018
Finance Charges	\$6,050	\$11,526	\$4,110	\$0	\$0	\$15,105	\$42,422
Equipment	\$227,803	\$768,300	\$274,027	\$0	\$0	\$993,059	\$3,328,136
TOTAL	\$233,853	\$779,826	\$278,137	\$0	\$0	\$1,008,164	\$3,370,558

Operating Description: O and M includes staffing two Equipment Operators to operate a new truck and a new container delivery truck in FY 2013 (includes benefits). Insurance cost is based on the current average cost (\$2,756) per employee for insurance for Fund 2480. Equipment maintenance cost includes repairs, tires and fuel based on Equipment Management recommendation. There are no vehicle replacement costs for Fund 2480.

Operating Costs:	2009	2010	2011	2012	2013	2014-2018
Staffing	\$0	\$0	\$0	\$0	\$124,896	\$755,379
Equip. Maint.	\$0	\$0	\$0	\$0	\$84,705	\$561,400
Insurance	\$0	\$0	\$0	\$0	\$6,390	\$42,244
TOTAL	\$0	\$0	\$0	\$0	\$215,991	\$1,359,023

* New Project

FY 2009-2018 Capital Improvement Plan Capital Project Detail

Fund: Sanitation (2480)

Category: Other

Project: 78003 - Sideload Refuse Trucks-6272

Funding Source: Sanitation Revenues

Project Description: Purchase of 55 automated sideload refuse trucks over a 10-year period including five additional trucks due to growth. Service life is projected to be approximately six years for newly purchased equipment. These are not in the vehicle replacement fund. In FY 2009 three replacement trucks and one growth truck at a cost of \$245,400 each.

Capital Costs:	Carryover	2009	2010	2011	2012	2013	2014-2018
Finance Charges	\$0	\$14,724	\$19,695	\$25,284	\$31,563	\$14,475	\$179,797
Equipment	\$0	\$981,600	\$1,312,890	\$1,685,748	\$2,104,382	\$965,007	\$11,986,413
TOTAL	\$0	\$996,324	\$1,332,585	\$1,711,032	\$2,135,945	\$979,482	\$12,166,210

Operating Description: O and M includes staffing an additional Equipment Operator to operate new trucks in fiscal years: 2009, 2011, 2013 and 2015 and 2017. An additional Crew Leader position will be added in FY 2014 (positions include benefits). Insurance cost is based on the current average cost (\$2,756) per employee for insurance for Fund 2480. Equipment maintenance cost includes repairs, tires and fuel. There are no vehicle replacement costs for Fund 2480.

Operating Costs:	2009	2010	2011	2012	2013	2014-2018
Staffing	\$0	\$55,484	\$57,149	\$58,863	\$60,629	\$331,543
Equip. Maint.	\$0	\$71,206	\$73,342	\$75,542	\$77,809	\$425,490
Insurance	\$0	\$2,839	\$2,924	\$3,012	\$3,102	\$16,964
TOTAL	\$0	\$129,529	\$133,415	\$137,417	\$141,540	\$773,997

Project: 78004 - Loose Trash Equipment - 6280

Funding Source: Sanitation Revenues

Project Description: Replacement of loose trash rearload trucks and tractors that have reached the end of their service life. Service life is projected to be approximately 10 years for rearloaders and eight years for tractors. One rearloader will be replaced in FY 2009 at a cost of \$218,650.

Capital Costs:	Carryover	2009	2010	2011	2012	2013	2014-2018
Finance Charges	\$14,800	\$3,280	\$11,901	\$0	\$0	\$11,964	\$89,086
Equipment	\$421,081	\$218,650	\$793,460	\$0	\$0	\$797,620	\$4,129,263
TOTAL	\$435,881	\$221,930	\$805,361	\$0	\$0	\$809,584	\$4,218,349

Operating Description: O and M includes staffing three additional Equipment Operators in FY 2013 due to growth (includes benefits). Insurance cost is based on current average cost (\$2,756) per employee for Fund 2480. Equipment maintenance cost includes repairs, tires and fuel based on Equipment Management recommendation.

Operating Costs:	2009	2010	2011	2012	2013	2014-2018
Staffing	\$0	\$0	\$0	\$0	\$187,345	\$1,024,479
Equip. Maint.	\$0	\$0	\$0	\$0	\$114,175	\$624,356
Insurance	\$0	\$0	\$0	\$0	\$12,780	\$69,886
TOTAL	\$0	\$0	\$0	\$0	\$314,300	\$1,718,721

* New Project

FY 2009-2018 Capital Improvement Plan Capital Project Detail

Fund: Sanitation (2480)

Category: Other

Project: 78005 - Repl Pickup Trucks -Sanitation

Funding Source: Sanitation Revenues

Project Description: These pickups will replace aging existing pickup trucks as well as add one growth pickup over a ten-year period. Supervisor's, Crew Leader's and Inspector's pickup trucks will be purchased with cash. Mechanic's and container delivery trucks will be acquired through lease purchase. Two replacement pickup trucks will be needed in FY 2009 at a cost of \$20,865 each for the commercial division.

<u>Capital Costs:</u>	Carryover	2009	2010	2011	2012	2013	2014-2018
Finance Charges	\$0	\$0	\$600	\$600	\$645	\$645	\$0
Equipment	\$0	\$41,730	\$106,978	\$63,888	\$43,000	\$43,000	\$347,705
TOTAL	\$0	\$41,730	\$107,578	\$64,488	\$43,645	\$43,645	\$347,705

Operating Description: One additional new pickup truck will be needed in FY 2014 for a new crew leader. The staff and related costs for this position are provided in the CIP for Sideload Refuse Trucks, division 17830. Additional O and M for the five out years is provided here and projected to be \$17,471.

<u>Operating Costs:</u>	2009	2010	2011	2012	2013	2014-2018
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$17,471
TOTAL	\$0	\$0	\$0	\$0	\$0	\$17,471

Project: T2410 - Insertion Machine: Sanitation

Funding Source: Sanitation Revenues

Project Description: Replace current insertion machine (Sanitation Fund portion only, other funding sources are the General Fund and Water and Sewer Fund). It performs insertion for all departments, including Sales Tax, Water and Sewer, Sanitation, Marketing, Human Resources, Council, Landfill and Payroll.

<u>Capital Costs:</u>	Carryover	2009	2010	2011	2012	2013	2014-2018
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$68,000
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$68,000

Operating Description: O and M includes adding this piece of equipment into the Technology Replacement Fund. The cost is split 33% to the water and sewer fund, 33% to the general fund and 34% to the sanitation fund. A one-year service Preventative Maintenance Agreement (PMA) is built into the cost.

<u>Operating Costs:</u>	2009	2010	2011	2012	2013	2014-2018
Equip. Maint.	\$0	\$0	\$0	\$0	\$0	\$34,000
PC/Vehicle Replacement	\$0	\$0	\$0	\$0	\$0	\$68,000
TOTAL	\$0	\$0	\$0	\$0	\$0	\$102,000

FY 2009-2018 Capital Improvement Plan Capital Project Detail

Fund: Sanitation (2480)

Category: Other

Project: T2411 - *Sanitation Office Trailer

Funding Source:

Sanitation Revenues

Project Description:

Currently, sanitation staff work out of a mobile trailer office. A new office trailer will be needed by FY 2014 due to growth. Currently, the sanitation division has 75 employees and their work environment is very tight. By FY 2014, an additional six employees will be added including one crew leader who will need office space.

Capital Costs:

	Carryover	2009	2010	2011	2012	2013	2014-2018
Finance Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$7,500
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
TOTAL	\$0	\$0	\$0	\$0	\$0	\$0	\$507,500

Operating Description:

No O and M needed at this time.