

SANITATION ENTERPRISE FUND

In FY 2010 funding will be used to replace two rolloff trucks, a frontload refuse truck, five sideload refuse trucks, two rearload refuse trucks and a loose trash tractor that have all reached the end of their serviceable lives.



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 2010 - 2019 Capital Improvement Program
Capital Projects By Fund and Project Number**

Fund: Sanitation Fund (2480)

Category: Other

Project Name:	Carryover:	FY 09-10:	FY 10-11:	FY 11-12:	FY 12-13:	FY 13-14:	FY 14-19:
Existing Assets							
<i>Replacement of Existing Assets</i>							
78001 Rolloff Trucks - 17810	0	393,585	210,568	0	60,900	62,727	1,545,827
78002 Frontloader Trucks - 17820	0	278,137	0	0	1,007,955	364,581	3,013,477
78003 Sideload Refuse Trucks - 17830	996,324	1,332,585	1,425,860	2,135,945	979,482	2,096,094	11,538,937
78004 Loose Trash Equipment - 17840	0	805,362	0	0	809,584	439,528	3,758,075
78005 Repl Pickup Trucks -Sanitation	0	119,342	64,729	43,645	43,645	29,703	323,218
Sub-Total - Existing Assets	996,324	2,929,011	1,701,157	2,179,590	2,901,566	2,992,633	20,179,534
New Assets							
T2411 Sanitation Office Trailer	0	0	0	0	0	507,500	0
Sub-Total - New Assets	0	0	0	0	0	507,500	0
Total Sanitation Fund Projects:	\$996,324	\$2,929,011	\$1,701,157	\$2,179,590	\$2,901,566	\$3,500,133	\$20,179,534
Total FY 09-10 Funding:		\$3,925,335					

* New Project

FY 2010-2019 Capital Improvement Plan Capital Project Detail

Fund: Sanitation Fund (2480)

Category: Other

Project: 78001 - Rolloff Trucks - 17810 (R)

Funding Source:

Sanitation Revenues

Project Description:

Replacement of eight rolloff trucks and containers over a 10-year period. Roll-off trucks are used to service the 20 and 40 cubic yard dumpsters seen on construction sites and used in clean up projects. Service life of rolloff trucks is projected to be nine years. This equipment is not in the city's vehicle replacement fund. In FY 2010, two replacement trucks will be purchased at a cost of \$196,792 each. In FY 2011, a replacement truck will be purchased for \$210,568. In FY 2013, ten 40 yard containers will be purchased at a cost of \$6,000 each. In FY 2014, ten 40 yard containers will be purchased at a cost of \$6,180 each. In FY 2015, two replacement trucks will be purchased at a cost of \$276,011. In FY 2017, two replacement trucks will be purchased at a cost of \$316,005 each. In FY 2019, a replacement truck will be purchased at a cost of \$362,194.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Finance Charges	\$5,817	\$3,112	\$0	\$900	\$927	\$22,845
Equipment	\$387,768	\$207,456	\$0	\$60,000	\$61,800	\$1,522,982
TOTAL	\$393,585	\$210,568	\$0	\$60,900	\$62,727	\$1,545,827

Operating Description:

Staffing includes salary and benefits. Equipment maintenance cost includes repairs, tires, and fuel based on Equipment Management recommendation. Insurance cost is based on the current average cost (\$2,756) per employee for insurance for Fund 2480.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Staffing	\$0	\$0	\$0	\$62,448	\$64,321	\$351,738
Equip. Maint.	\$0	\$0	\$0	\$59,355	\$61,136	\$334,316
Insurance	\$0	\$0	\$0	\$3,195	\$3,291	\$18,000
TOTAL	\$0	\$0	\$0	\$124,998	\$128,748	\$704,054

Project: 78002 - Frontloader Trucks - 17820 (R)

Funding Source:

Sanitation Revenues

Project Description:

Replacement of 10 commercial frontload refuse collection trucks, a commercial sideload refuse truck and a container delivery truck over a 10 year period that will have reached the end of their service life. These trucks typically service businesses and restaurants. Service life is projected to be six years except the delivery truck life projected at 10 years. These trucks are not in the city's vehicle replacement fund. FY 2010, a replacement frontload truck at a cost of \$278,137. In FY 2013, a replacement truck and a growth truck will be purchased at a cost of \$340,835 each and a sideloader will be purchased at a cost of \$326,494. In FY 2014, a replacement truck at a cost of \$364,586 will be purchased. In FY 2015, a replacement truck will be purchased at a cost of \$390,102. In FY 2016, three replacement trucks at a cost of \$417,410 each. In FY 2017, a replacement truck and a growth truck at a cost of \$446,627 each. In FY 2018, a replacement truck at a cost of \$477,89.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Finance Charges	\$4,110	\$0	\$0	\$14,896	\$5,388	\$44,534
Equipment	\$274,027	\$0	\$0	\$993,059	\$359,193	\$2,968,943
TOTAL	\$278,137	\$0	\$0	\$1,007,955	\$364,581	\$3,013,477

Operating Description:

Staffing includes salary and benefits. One Equipment Operator will be added to operate a new truck in FY 2013 at a cost of \$62,448. Equipment maintenance cost includes repairs, tires, and fuel based on Equipment Management recommendation. Insurance cost is based on the current average cost (\$2,756) per employee for insurance for Fund 2480. There are no vehicle replacement costs for Fund 2480.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Staffing	\$0	\$0	\$0	\$124,896	\$128,683	\$703,691
Equip. Maint.	\$0	\$0	\$0	\$84,705	\$87,246	\$477,097
Insurance	\$0	\$0	\$0	\$6,390	\$6,582	\$35,991
TOTAL	\$0	\$0	\$0	\$215,991	\$222,511	\$1,216,779

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2010-2019 Capital Improvement Plan Capital Project Detail

Fund: Sanitation Fund (2480)

Category: Other

Project: 78003 - Sideload Refuse Trucks - 17830 (R)

Funding Source:

Sanitation Revenues

Project Description:

Replacement of 50 sideload refuse trucks over a 10 year period and the purchase of three additional trucks due to growth. Service life is projected at six years for newly purchased equipment. These are not in the vehicle replacement fund. In FY 2010, five replacement trucks at a cost of \$266,517 each. In FY 2011, five replacement trucks at a cost of \$285,172 each. In FY 2012, seven replacement trucks at a cost \$305,135 each. In FY 2013, two replacement trucks and a growth truck at a cost of \$326,494 each. In FY 2014, six replacement trucks at a cost of \$349,349 each. In FY 2015, four replacement trucks and a growth truck at a cost of \$373,803 each. In FY 2016, five replacement trucks at a cost of \$399,970 each. In FY 2017, six replacement trucks and a growth truck at a cost of \$427,968 each. In FY 2018, seven replacement trucks at a cost of \$457,925 each. In FY 2019, three replacement trucks at a cost of \$489,607

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Finance Charges	\$19,695	\$21,000	\$31,563	\$14,475	\$30,978	\$169,423
Equipment	\$1,312,890	\$1,404,860	\$2,104,382	\$965,007	\$2,065,116	\$11,369,514
Carryover	\$996,324	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,328,909	\$1,425,860	\$2,135,945	\$979,482	\$2,096,094	\$11,538,937

Operating Description:

Staffing includes salary and benefits. One Equipment Operator position will be added to operate the growth trucks. In FY 2013 - \$62,448, in FY 2015 - \$66,251 and FY 2017 - \$70,286. One additional Crew Leader position will be added in FY 2014 at an annual cost of \$73,142. Equipment maintenance cost includes repairs, tires, and fuel. Insurance cost is based on the current average cost (\$2,756) per employee for insurance for Fund 2480. There are no vehicle replacement costs for Fund 2480.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Staffing	\$0	\$0	\$0	\$62,448	\$135,590	\$741,462
Equip. Maint.	\$0	\$0	\$0	\$70,000	\$72,100	\$394,272
Insurance	\$0	\$0	\$0	\$3,195	\$3,291	\$17,998
TOTAL	\$0	\$0	\$0	\$135,643	\$210,981	\$1,153,732

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2010-2019 Capital Improvement Plan Capital Project Detail

Fund: Sanitation Fund (2480)

Category: Other

Project: 78004 - Loose Trash Equipment - 17840 (R)

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 for rearloaders and tractors is about eight years. Addition of a three-person crew in FY 2013 includes the purchase of two growth rearloaders and a tractor. FY 2010, three replacement rearloaders at a cost of \$237,465 each & a tractor at a cost of \$92,966. FY 2013, a replacement tractor at a cost of \$113,887 & two growth rearloaders at a cost of \$290,905 each & a tractor at a cost of \$113,887. FY 2014, a replacement rearloader at a cost of \$311,268 & a replacement tractor at a cost of \$121,859. FY 2015, three replacement rearloaders at a cost of \$333,057 each. FY 2016, two replacement rearloaders at a cost of \$351,104 each & two replacement tractors at a cost of \$137,455 each. FY 2017 a replacement rearloader at a cost of \$375,681 & a replacement tractor at a cost of \$147,077. FY 2018 two rearloaders at a cost of \$401,979 each & a tractor at a cost of \$157,372.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Finance Charges	\$11,902	\$0	\$0	\$11,964	\$6,401	\$55,538
Equipment	\$793,460	\$0	\$0	\$797,620	\$433,127	\$3,702,537
TOTAL	\$805,362	\$0	\$0	\$809,584	\$439,528	\$3,758,075

Operating Description:

Staffing includes salary and benefits. In FY 2013, three additional Equipment Operators are added at a per person cost of \$62,448 each due to growth. Equipment maintenance cost includes repairs, tires and fuel based on Equipment Management recommendation. Insurance cost is based on current average cost (\$2,756) per employee for Fund 2480.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Staffing	\$0	\$0	\$0	\$187,345	\$249,793	\$1,365,971
Equip. Maint.	\$0	\$0	\$0	\$114,175	\$204,175	\$1,116,513
Insurance	\$0	\$0	\$0	\$12,780	\$21,048	\$115,099
TOTAL	\$0	\$0	\$0	\$314,300	\$475,016	\$2,597,583

Project: 78005 - Repl Pickup Trucks -Sanitation (R)

Funding Source:

Sanitation Revenues

Project Description:

These pickup trucks will replace older trucks as well as add one for growth over a 10-year period. Supervisor's, Crew Leader's and Inspector's pick-up trucks will be paid for with cash. Mechanic's and container delivery trucks will be acquired through lease purchase. FY 2010, three replacement pick-up trucks at a cost of \$22,326 each. FY 2010, a replacement mechanic's truck at a cost of \$40,000. FY 2011, a replacement pick up trucks at a cost of \$23,888 and a replacement container delivery truck at a cost of \$40,000. FY 2012, a replacement container delivery trucks at a cost of \$43,000. FY 2013, a replacement mechanic's trucks at a cost of \$43,000. FY 2014, a new growth pick-up truck for a new crew leader position at a cost of \$29,264 for residential division. FY 2016, two replacement pick-up trucks at a cost of \$33,505 each. FY 2017, four replacement pick-up trucks at a cost \$38,359 each.

Capital Costs:

	2010	2011	2012	2013	2014	2015-2019
Finance Charges	\$1,764	\$957	\$645	\$645	\$439	\$4,777
Equipment	\$117,578	\$63,772	\$43,000	\$43,000	\$29,264	\$318,441
TOTAL	\$119,342	\$64,729	\$43,645	\$43,645	\$29,703	\$323,218

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 Project #78003. Additional O and M will be needed in FY 2014 provided here and projected to be \$17,471.

Operating Costs:

	2010	2011	2012	2013	2014	2015-2019
Equip. Maint.	\$0	\$0	\$0	\$0	\$17,417	\$95,243
TOTAL	\$0	\$0	\$0	\$0	\$17,417	\$95,243

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset

FY 2010-2019 Capital Improvement Plan Capital Project Detail

Fund: Sanitation Fund (2480)

Category: Other

Project: T2411 - Sanitation Office Trailer (N)

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 80 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:

	2010	2011	2012	2013	2014	2015-2019
Finance Charges	\$0	\$0	\$0	\$0	\$7,500	\$0
Equipment	\$0	\$0	\$0	\$0	\$500,000	\$0
TOTAL	\$0	\$0	\$0	\$0	\$507,500	\$0

Operating Description:

No additional O and M is needed at this time.

* New Project

N=New Asset, R=Replacement of Existing Asset, I=Improvement of Existing Asset