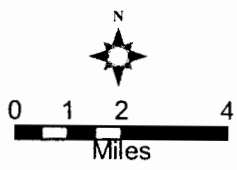
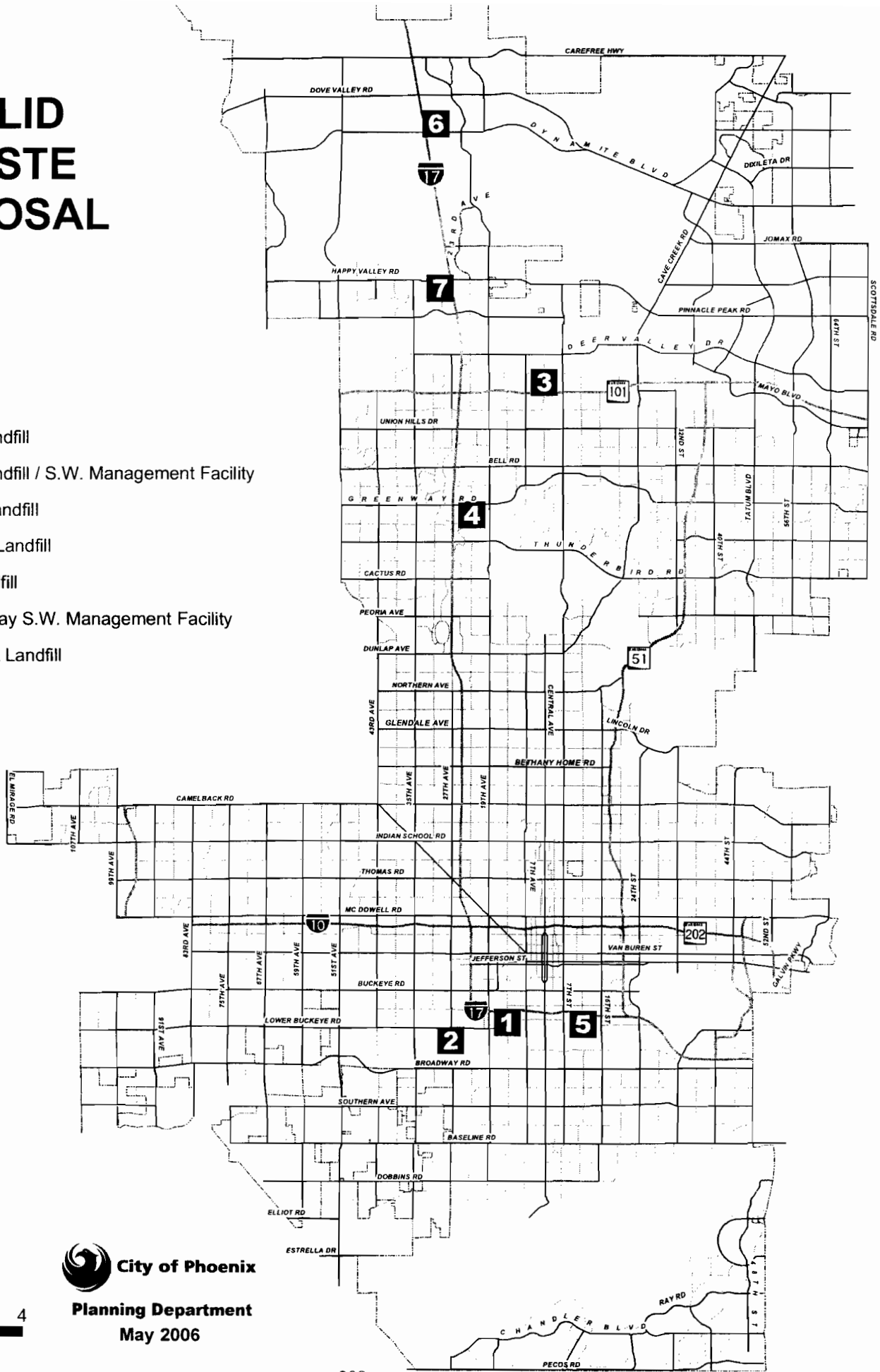


SOLID WASTE DISPOSAL

- 1** 19th Ave Landfill
- 2** 27th Ave Landfill / S.W. Management Facility
- 3** Beardsley Landfill
- 4** Deer Valley Landfill
- 5** Del Rio Landfill
- 6** North Gateway S.W. Management Facility
- 7** Skunk Creek Landfill



 **City of Phoenix**
Planning Department
 May 2006

Solid Waste Disposal

The \$80.9 million Solid Waste Disposal program includes projects at the city's landfills and is funded with solid waste disposal revenue, solid waste remediation funds and nonprofit bond funds.

Projects at the Skunk Creek Landfill include the methane gas extraction systems and cell lining, capping and landscaping. Improvements to the 19th Avenue Landfill include maintaining soil capping and the methane gas collection system. Projects at the 27th Avenue Landfill include painting all exterior structural steel, landscaping, monitoring groundwater and methane gas. In addition, the Solid Waste Disposal program includes cell excavation and construction of a drainage system and methane gas system for the new State Route 85 landfill.

2006-2011 CAPITAL IMPROVEMENT PROGRAM

Solid Waste Disposal
Capital Improvement Program Summary

Project Summary	2006-07	2007-08	2008-09	2009-10	2010-11	Total
19th Avenue Landfill	\$ 2,891,736	\$ 979,888	\$ 1,217,348	\$ 1,060,648	\$ 1,155,975	\$ 7,305,595
27th Avenue Landfill	683,500	-	629,000	472,800	-	1,785,300
Brownfields	327,665	-	-	-	-	327,665
Deer Valley Landfill	143,073	76,780	-	-	93,600	313,453
Del Rio Landfill	522,680	-	-	394,000	-	916,680
New Landfill	23,246,280	11,190,750	2,400,000	572,200	3,521,400	40,930,630
Skunk Creek Landfill	13,745,775	3,732,400	530,600	2,000,000	82,000	20,090,775
Transfer Station	1,819,800	2,000,000	-	-	-	3,819,800
Other Projects	1,000,000	4,000,000	-	-	-	5,000,000
Debt Issuance Costs	421,325	-	-	-	-	421,325
Total	\$ 44,801,834	\$ 21,979,818	\$ 4,776,948	\$ 4,499,648	\$ 4,852,975	\$ 80,911,223
Source of Funds						
<u>Operating Funds</u>						
Solid Waste Revenues	\$ 3,836,000	\$ 2,250,000	\$ 3,299,600	\$ 3,439,000	\$ 3,697,000	\$ 16,521,600
<u>Bond Funds</u>						
2001 Bonds	\$ 327,665	\$ -	\$ -	\$ -	\$ -	\$ 327,665
<u>Other Financing</u>						
General Government Non-Profit Corp Bonds	\$ 37,746,433	\$ 18,749,930	\$ 260,000	\$ -	\$ -	\$ 56,756,363
Solid Waste Remediation	2,891,736	979,888	1,217,348	1,060,648	1,155,975	7,305,595
Total Other Financing	\$ 40,638,169	\$ 19,729,818	\$ 1,477,348	\$ 1,060,648	\$ 1,155,975	\$ 64,061,958
Total Sources of Funds	\$ 44,801,834	\$ 21,979,818	\$ 4,776,948	\$ 4,499,648	\$ 4,852,975	\$ 80,911,223

City of Phoenix, Arizona
2006-2011 Capital Improvement Program
Solid Waste Disposal

Project No.	Project Title	2006-07	2007-08	2008-09	2009-10	2010-11	Total
PW16520001	19TH AVENUE - FLOOD PROTECTION						
				Function: 19th Avenue Landfill		District: 8	
	Maintain dikes with soil cement bank protection to prevent flood erosion along the Salt River.						
Construction		388,088	404,768	421,448	438,128	455,653	2,108,085
Project Total		\$388,088	\$404,768	\$421,448	\$438,128	\$455,653	\$2,108,085
Solid Waste Remediation Funds		388,088	404,768	421,448	438,128	455,653	2,108,085
Funding Total		\$388,088	\$404,768	\$421,448	\$438,128	\$455,653	\$2,108,085
PW16520002	19TH AVENUE - FINAL CAPPING						
				Function: 19th Avenue Landfill		District: 8	
	Maintain soil cap material to final 19th Avenue Landfill elevations.						
Construction		404,840	422,240	439,640	457,040	475,322	2,199,082
Project Total		\$404,840	\$422,240	\$439,640	\$457,040	\$475,322	\$2,199,082
Solid Waste Remediation Funds		404,840	422,240	439,640	457,040	475,322	2,199,082
Funding Total		\$404,840	\$422,240	\$439,640	\$457,040	\$475,322	\$2,199,082
PW16520003	19TH AVENUE - GROUNDWATER MONITORING						
				Function: 19th Avenue Landfill		District: 8	
	Test and maintain groundwater at the 19th Avenue Landfill.						
Study		-	-	197,080	-	-	197,080
Project Total		-	-	\$197,080	-	-	\$197,080
Solid Waste Remediation Funds		-	-	197,080	-	-	197,080
Funding Total		-	-	\$197,080	-	-	\$197,080
PW16520004	19TH AVENUE - ENVIRONMENTAL						
				Function: 19th Avenue Landfill		District: 8	
	Environmental cleanup at the 19th Avenue Landfill.						
Construction		254,408	-	-	-	-	254,408
Project Total		\$254,408	-	-	-	-	\$254,408
Solid Waste Remediation Funds		254,408	-	-	-	-	254,408
Funding Total		\$254,408	-	-	-	-	\$254,408
PW16520005	19TH AVENUE - GROUNDWATER REMEDIATION						
				Function: 19th Avenue Landfill		District: 8	
	Contingency for groundwater remediation at the 19th Avenue Landfill.						
Construction		1,546,400	-	-	-	-	1,546,400
Project Total		\$1,546,400	-	-	-	-	\$1,546,400
Solid Waste Remediation Funds		1,546,400	-	-	-	-	1,546,400
Funding Total		\$1,546,400	-	-	-	-	\$1,546,400
PW16520006	19TH AVENUE - METHANE GAS SYSTEM						
				Function: 19th Avenue Landfill		District: 8	
	Maintain the methane gas collection system at the 19th Avenue Landfill.						
Construction		200,000	152,880	159,180	165,480	225,000	902,540
Project Total		\$200,000	\$152,880	\$159,180	\$165,480	\$225,000	\$902,540
Solid Waste Remediation Funds		200,000	152,880	159,180	165,480	225,000	902,540
Funding Total		\$200,000	\$152,880	\$159,180	\$165,480	\$225,000	\$902,540

City of Phoenix, Arizona
2006-2011 Capital Improvement Program
Solid Waste Disposal

Project No.	Project Title	2006-07	2007-08	2008-09	2009-10	2010-11	Total
PW16520007	19TH AVENUE - REMEDIATION DESIGN						
	Design remediation projects at the 19th Avenue Landfill.						
	Construction	98,000	-	-	-	-	98,000
	Project Total	\$98,000	-	-	-	-	\$98,000
	Solid Waste Remediation Funds	98,000	-	-	-	-	98,000
	Funding Total	\$98,000	-	-	-	-	\$98,000
PW16530001	27TH AVENUE - METHANE GAS SYSTEM						
	Maintain the methane gas collection system at the 27th Avenue Landfill.						
	Construction	-	-	250,000	-	-	250,000
	Project Total	-	-	\$250,000	-	-	\$250,000
	Solid Waste Disposal Operating	-	-	250,000	-	-	250,000
	Funding Total	-	-	\$250,000	-	-	\$250,000
PW16530002	27TH AVENUE - GROUNDWATER MONITORING						
	Test and maintain groundwater at the 27th Avenue Landfill.						
	Construction	-	-	-	472,800	-	472,800
	Project Total	-	-	-	\$472,800	-	\$472,800
	Solid Waste Disposal Operating	-	-	-	472,800	-	472,800
	Funding Total	-	-	-	\$472,800	-	\$472,800
PW16530005	27TH AVENUE - LANDSCAPING						
	Landscape the 27th Avenue Landfill and maintain the soil cap.						
	Construction	683,500	-	379,000	-	-	1,062,500
	Project Total	\$683,500	-	\$379,000	-	-	\$1,062,500
	Solid Waste Disposal Operating	249,500	-	379,000	-	-	628,500
	General Government Nonprofit Corp Bonds	434,000	-	-	-	-	434,000
	Funding Total	\$683,500	-	\$379,000	-	-	\$1,062,500
PW16550001	DEER VALLEY - METHANE GAS SYSTEM						
	Maintain the methane gas control system at the Deer Valley Landfill.						
	Construction	143,073	76,780	-	-	93,600	313,453
	Project Total	\$143,073	\$76,780	-	-	\$93,600	\$313,453
	Solid Waste Disposal Operating	73,480	-	-	-	93,600	167,080
	General Government Nonprofit Corp Bonds	69,593	76,780	-	-	-	146,373
	Funding Total	\$143,073	\$76,780	-	-	\$93,600	\$313,453
PW16510001	DEL RIO - GROUNDWATER MONITORING						
	Test and maintain groundwater at Del Rio Landfill.						
	Construction	173,680	-	-	-	-	173,680
	Project Total	\$173,680	-	-	-	-	\$173,680
	General Government Nonprofit Corp Bonds	173,680	-	-	-	-	173,680
	Funding Total	\$173,680	-	-	-	-	\$173,680

City of Phoenix, Arizona
2006-2011 Capital Improvement Program
Solid Waste Disposal

Project No.	Project Title	2006-07	2007-08	2008-09	2009-10	2010-11	Total
PW16810007	SOLID WASTE DISPOSAL						
	Align utilities at the landfill.						
	Construction	2,000,000	-	-	-	-	2,000,000
	Project Total	\$2,000,000	-	-	-	-	\$2,000,000
	General Government Nonprofit Corp Bonds	2,000,000	-	-	-	-	2,000,000
	Funding Total	\$2,000,000	-	-	-	-	\$2,000,000
PW17800001	NEW LANDFILL - ACQUIRE LAND						
	Acquire and develop a site for the new landfill.						
	Construction	700,000	-	-	-	-	700,000
	Project Total	\$700,000	-	-	-	-	\$700,000
	General Government Nonprofit Corp Bonds	700,000	-	-	-	-	700,000
	Funding Total	\$700,000	-	-	-	-	\$700,000
PW16600001	SKUNK CREEK - METHANE GAS SYSTEM						
	Construct a methane gas extraction system for the Skunk Creek Landfill.						
	Construction	4,912,500	1,500,000	-	-	-	6,412,500
	Project Total	\$4,912,500	\$1,500,000	-	-	-	\$6,412,500
	Solid Waste Disposal Operating	523,000	250,000	-	-	-	773,000
	General Government Nonprofit Corp Bonds	4,389,500	1,250,000	-	-	-	5,639,500
	Funding Total	\$4,912,500	\$1,500,000	-	-	-	\$6,412,500
PW16600003	SKUNK CREEK LANDFILL METHANE GAS TO ENERGY						
	Design and construct a system to convert methane gas to energy at the landfill.						
	Construction	1,100,000	-	-	-	-	1,100,000
	Project Total	\$1,100,000	-	-	-	-	\$1,100,000
	General Government Nonprofit Corp Bonds	1,100,000	-	-	-	-	1,100,000
	Funding Total	\$1,100,000	-	-	-	-	\$1,100,000
PW16610001	SKUNK CREEK - GROUNDWATER MONITORING						
	Test and maintain groundwater at the Skunk Creek Landfill.						
	Construction	400,800	-	454,800	-	-	855,600
	Project Total	\$400,800	-	\$454,800	-	-	\$855,600
	Solid Waste Disposal Operating	-	-	454,800	-	-	454,800
	General Government Nonprofit Corp Bonds	400,800	-	-	-	-	400,800
	Funding Total	\$400,800	-	\$454,800	-	-	\$855,600
PW16630001	SKUNK CREEK - LINE AND CAP CELL 6						
	Line and cap Cell 6 at the Skunk Creek Landfill.						
	Construction	6,808,475	509,600	-	-	-	7,318,075
	Project Total	\$6,808,475	\$509,600	-	-	-	\$7,318,075
	Solid Waste Disposal Operating	1,720,820	-	-	-	-	1,720,820
	General Government Nonprofit Corp Bonds	5,087,655	509,600	-	-	-	5,597,255
	Funding Total	\$6,808,475	\$509,600	-	-	-	\$7,318,075

City of Phoenix, Arizona
2006-2011 Capital Improvement Program
Solid Waste Disposal

Project No.	Project Title	2006-07	2007-08	2008-09	2009-10	2010-11	Total
PW16700010	NORTH GATEWAY TRANSFER STATION - RECYCLING FACILITY EQUIPMENT						
	Acquire major parts for recycling equipment.						
	Construction	300,000	-	-	-	-	300,000
	Project Total	\$300,000	-	-	-	-	\$300,000
	General Government Nonprofit Corp Bonds	300,000	-	-	-	-	300,000
	Funding Total	\$300,000	-	-	-	-	\$300,000
PW16700015	27TH AVE TRANSFER STATION - IMPROVE & REFURBISH RECYCLING EQUIPMENT						
	Refurbish and upgrade recycling equipment.						
	Construction	500,000	-	-	-	-	500,000
	Project Total	\$500,000	-	-	-	-	\$500,000
	General Government Nonprofit Corp Bonds	500,000	-	-	-	-	500,000
	Funding Total	\$500,000	-	-	-	-	\$500,000
PW18990002	WCIS REPLACEMENT						
	Public Works portion of the Water Customer Information System (WCIS) replacement costs.						
	Construction	1,000,000	4,000,000	-	-	-	5,000,000
	Project Total	\$1,000,000	\$4,000,000	-	-	-	\$5,000,000
	General Government Nonprofit Corp Bonds	1,000,000	4,000,000	-	-	-	5,000,000
	Funding Total	\$1,000,000	\$4,000,000	-	-	-	\$5,000,000
EP67420809	RIO SALADO MAINT/EQUESTRIAN FACILITY						
	Investigate and cleanup the former landfill site to be redeveloped into a maintenance and equestrian facility.						
	Land Acquisition	327,665	-	-	-	-	327,665
	Project Total	\$327,665	-	-	-	-	\$327,665
	2001 Environmental Protection & Pollution Clean-up Bonds	327,665	-	-	-	-	327,665
	Funding Total	\$327,665	-	-	-	-	\$327,665
BISWD2006A	BOND ISSUANCE-SOLID WASTE						
	Bond issuance costs for Solid Waste.						
	Other	421,325	-	-	-	-	421,325
	Project Total	\$421,325	-	-	-	-	\$421,325
	General Government Nonprofit Corp Bonds	421,325	-	-	-	-	421,325
	Funding Total	\$421,325	-	-	-	-	\$421,325