2005-2010 Capital Improvement Program
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MSD Capital Improvements		2005	2006	2007	2008	2009	2010	2005-2010 Total
Priority	**Project Title**							
15	Cooper Creek Detention Facility		$800,000		$6,165,000			$6,965,000
17	Eastern/Delta Swr. Sep. Phase 2		$14,900,000					$14,900,000
18	Sycamore WWTP Phase 3		$6,107,500					$6,107,500
20	Mill Creek WWTP Incinerator Replacement		$1,700,000	$45,400,000	$29,773,000			$76,873,000
21	Muddy Creek WWTP Secondary Flow Imp.		$125,000	$10,723,000				$10,848,000
24	Mill Creek WWTP Hypochlorite Facility		$8,321,000					$8,321,000
27	Streamwood P.S. Elimination		$256,900					$256,900
31	Bloody Run and Spring Grove Diversion		$904,000					$904,000
32	Detzel/Moerlein/Warner Sewers Imp.		$700,000					$700,000
43	East Miami River Road Sewer		$1,660,000					$1,660,000
59	Camargo Road Sewer Phase 1B		$859,000					$859,000
60	Johnson Road Pump Station Elimination		$673,300					$673,300
61	Winton 1&2 - Sherwood PS Elimination		$1,392,500					$1,392,500
64	Foley Forest/Dellwood/North Bay		$689,400					$689,400
76	Todd #2 and Hays Sewer Separation		$80,000	$604,000				$684,000
77	CSO 480 Elim.: Spring Grove and Clifton		$20,000	$290,000				$310,000
81	Arrowhead Ct. & Marview Ter. PS		$670,500					$670,500
82	Placid Meadows P.S. Elimination		$110,000	$270,000				$380,000
86	Arrowood Pump Station Elimination		$123,000	$953,000				$1,076,000
94	Taylor Road Sewers		$100,000		$2,236,000	$2,000,000		$4,336,000
98	CSO 450 Elimination- Butler Street		$137,600					$137,600

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MSD Capital Improvements		2005	2006	2007	2008	2009	2010	2005-2010 Total
Priority	**Project Title**							
99	Blue Rock Road Sewer Separation		$216,500	$1,438,500				$1,655,000
100	Southern Ave. Sewer Separation		$20,000	$75,000				$95,000
101	Eastern/Delta Swr. Sep. Ph 4		$400,000		$2,200,000			$2,600,000
105	Blue Ash Rd & Cross County Hwy SSO		$305,000		$3,420,000			$3,725,000
106	Mill and Vine Sewer Upgrade		$1,038,000					$1,038,000
112	Towers East and Ponderosa P.S. Upgrades		$1,795,500					$1,795,500
113	Kinney Avenue Overflow Removal		$100,000	$500,000				$600,000
114	Addyston PS Elimination		$1,111,500					$1,111,500
115	High Meadows PS Elimination		$75,000	$500,000				$575,000
116	Reemelin Road Interceptor Phase 3		$670,900					$670,900
117	Dry Run Area Sewers Ph. 1		$5,416,000					$5,416,000
118	Greenpine Acres PS Upgrade		$197,000	$563,000				$760,000
121	Orchard Hills PS Elimination		$400,000					$400,000
123	Country Club Estates P.S. Upgrade		$24,000	$250,000				$274,000
124	Prospect Woods PS		$55,000	$716,000				$771,000
125	Clifton Hills Terrace Sewer		$198,900					$198,900
130	Northern Ave at Dury Ave Sewer		$100,000	$750,000				$850,000
131	Hengehold 2nd PS Elimination		$321,000					$321,000
1	West Branch Muddy Creek Interceptor CSOs			$550,000		$6,010,000		$6,560,000
23	Mill Creek WWTP Solid Mgmt. System Ph. 2			$560,000	$9,755,000			$10,315,000
29	Richmond/Orchard Sewer Replacement			$500,000		$7,351,400		$7,851,400

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MSD Capital Improvements		2005	2006	2007	2008	2009	2010	2005-2010 Total
Priority	Project Title							
71	Muddy Cr. WWTP E. Br. Int. & PS Mods.			$6,412,500	$6,412,500			$12,825,000
73	E. Br. Muddy Cr. Int. CSO Elims. Ph 1			$2,000,000	$2,000,000			$4,000,000
79	Brill & Graves (Indian Hill) Area Sewer			$306,000		$3,000,000		$3,306,000
83	Bahama Gardens Pump Station Upgrade			$50,000	$402,000			$452,000
84	Sharon Indust. Park P.S. Upgrade			$64,000	$640,000			$704,000
87	Bold Face Pump Station Elim./Reloc.			$74,000	$1,690,000			$1,764,000
88	363 Fairbanks Ave. Sewer Replacement			$60,000	$500,000			$560,000
89	Indian Hill SS1004			$200,000	$2,500,000			$2,700,000
90	Culpepper Ct. Sewer Replacement			$48,000	$200,000			$248,000
96	Upper Duck Creek C.O.E. Enclosure			$2,803,000				$2,803,000
97	Yononte Creek Rechannelization Upgrade			$1,034,000				$1,034,000
107	SS87 Sewer Replacement			$50,000		$1,256,000		$1,306,000
110	Main St. Addyston Sewer Replacement			$40,000	$120,000			$160,000
111	Mt. Washington Pump Station Upgrade			$75,000	$250,000			$325,000
122	Carpenter's Run P.S. Elimination			$50,000	$437,500			$487,500
129	Forfeit Run			$1,116,200				$1,116,200
133	Muddy Creek PS Modification			$100,000	$995,000			$1,095,000
33	Mill Creek WWTP Third Sludge Incinerator				$29,773,000			$29,773,000
62	Hageman St PS Upgrade				$223,000			$223,000
109	White Oak Terrace Pump Station				$40,000	$243,000		$283,000
119	Upper Muddy Creek Express Sewer				$100,000			$100,000

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MSD Capital Improvements		2005	2006	2007	2008	2009	2010	2005-2010 Total
Priority	**Project Title**							
120	Beechmont Ave. and Voll Rd. Sewer				$1,000,000			$1,000,000
126	Mt. Airy/West Fork Channel Sewer				$200,000	$1,155,000		$1,355,000
127	Sewer 915A to Valleyview				$150,000	$1,374,000		$1,524,000
128	Dry Run Area Sewers Phase 2				$2,852,000			$2,852,000
41	Eagle Creek Interceptor					$1,030,000		$1,030,000
108	Millbrook No. 2 P.S. Replacement					$540,000		$540,000
	Department of Sewers Total:	$63,089,400	$95,487,400	$120,574,100	$130,950,100	$44,459,400	$0	$454,560,400
	MSD Capital Improvements Total:	$63,089,400	$95,487,400	$120,574,100	$130,950,100	$44,459,400	$0	$454,560,400

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Stormwater Management		2005	2006	2007	2008	2009	2010	2005-2010 Total
Department of Sewers								
Priority	**Project Title**							
1	Duck Creek Flood Protection	$295,000						$295,000
2	Barrier Dam Motor Rewind	$900,000	$1,200,000	$900,000				$3,000,000
9	Fairway Avenue Area Storm Sewer				$125,000	$25,000	$1,000,000	$1,150,000
10	Haley at Settle Drainage Improvement				$127,000			$127,000
11	Dunaway Court Storm Sewer				$127,000			$127,000
12	Marquette Avenue Drainage Improvement				$122,000			$122,000
13	Parkway Circle Storm Sewer				$98,000			$98,000
14	Kilgour Ave at Observatory Drainage Imp.				$32,000	$213,000		$245,000
15	Barrier Dam Misc. Projects				$100,000			$100,000
16	Community Projects					$167,000		$167,000
17	Orlando Place Storm Sewer						$125,000	$125,000
	Department of Sewers Total:	$1,195,000	$1,200,000	$900,000	$731,000	$405,000	$1,125,000	$5,556,000
	Stormwater Management Total:	$1,195,000	$1,200,000	$900,000	$731,000	$405,000	$1,125,000	$5,556,000

CSO 487 Twin Outfall

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 4

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project consists of constructing moveable dams and/or gates to utilize existing space within the outfall pipes at combined sewer overflow #487 for storage during rain-induced overflows. To support construction and use of these gates, various structures and piping may have to be constructed. This phase, the study phase of the project, would concentrate on in-system storage at combined sewer overflow #487, analyze ways to optimize benefits vs. risks for increasing storage levels, and provide modeling documentation for design. This project is located in the City of St. Bernard.

Purpose: During preliminary Ross Run Real Time Control simulations, up to 8.5 million gallons of storage was identified with substantial reductions in combined sewer overflow discharge volume depending on factors such as magnitude and duration of the rain event.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$355,000						$355,000	Dec-2005
Land								$0	
Construction	Jan-2006		$3,181,000					$3,181,000	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$355,000	$3,181,000	$0	$0	$0	$0	$3,536,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$340,000	$355,000	$3,181,000					$3,536,000	$3,876,000
Matching Funds								$0	$0
Total	$340,000	$355,000	$3,181,000	$0	$0	$0	$0	$3,536,000	$3,876,000

Capacity Assurance Plan

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 5

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project consists of developing a plan to remediate sewer capacity issues.

Purpose: The purpose of this project would be to develop a plan to remediate undersized sewers and sanitary sewer overflows.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction								$0	
Equipment								$0	
Other	Jan-2005	$1,320,000						$1,320,000	Dec-2005
Total City Funds		$1,320,000	$0	$0	$0	$0	$0	$1,320,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$1,320,000						$1,320,000	$1,320,000
Matching Funds								$0	$0
Total	$0	$1,320,000	$0	$0	$0	$0	$0	$1,320,000	$1,320,000

SSO 574 Elimination

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 7

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the installation of approximately 950 feet of 15 inch sanitary sewer from the intersection of Betts & Dallas to the intersection of Dallas & Simpson in North College Hill.

Purpose: The purpose of this project would be to eliminate generally inactive sanitary sewer overflow #574 and to remediate area water-in basement problems.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$560,000						$560,000	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$560,000	$0	$0	$0	$0	$0	$560,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$	$560,000						$560,000	$560,000
Matching Funds								$0	$0
Total	$0	$560,000	$0	$0	$0	$0	$0	$560,000	$560,000

Krohn Conservatory Sewer Relocation

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 8

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Mt. Adams

Description: This project would provide funding for the Installation of 715 feet of sanitary sewer on Eden Park Drive in the Mount Adams neighborhood in the City of Cincinnati.

Purpose: The purpose of this project is to redirect sewer service for Krohn conservatory from a storm sewer outletting into the Ohio river to combined sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$45,300						$45,300	Dec-2005
Land								$0	
Construction	Jan-2006		$304,200					$304,200	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$45,300	$304,200	$0	$0	$0	$0	$349,500	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$45,300	$304,200					$349,500	$349,500
Matching Funds								$0	$0
Total	$0	$45,300	$304,200	$0	$0	$0	$0	$349,500	$349,500

Dry Run PS Access Rd. Drainage Imp.

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 9

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would increase the height of the ground surrounding the box culvert inlet over Dry Run on the access road to the Dry Run Pump Station by approximately two feet. The access road would be lowered one to two feet at the box culvert and the area regraded to better direct storm flow away from a residence on Eight Mile Road. A diversion structure would be placed in the creek near the pump station to capture and hold large debris for periodic removal. This project is located in Anderson Township.

Purpose: This project would reduce the frequency of Dry Run spilling over its banks during storms.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$100,100						$100,100	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$100,100	$0	$0	$0	$0	$0	$100,100	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$100,100						$100,100	$100,100
Matching Funds								$0	$0
Total	$0	$100,100	$0	$0	$0	$0	$0	$100,100	$100,100

Laboiteaux Avenue Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 11

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the replacement of 559 feet of 8 inch sewer with 15 inch sewer to provide hydraulic capacity in order to eliminate sanitary sewer overflow #597 located in North College Hill.

Purpose: The purpose of this project is to eliminate sanitary sewer overflow #597.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$292,100						$292,100	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$292,100	$0	$0	$0	$0	$0	$292,100	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$292,100						$292,100	$292,100
Matching Funds								$0	$0
Total	$0	$292,100	$0	$0	$0	$0	$0	$292,100	$292,100

Jamar Avenue Sewer Upgrade Detention

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 13

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: College Hill

Description: This project would provide funding for the installation of 800 feet of 36 inch storm sewer from the rear of Jamar Drive to 200 feet east of Devonwood Drive, and the installation of 450 feet of 18 inch storm sewer on Devonwood Drive. The project would also include the construction of a stormwater detention basin. This project is located in the City of North College Hill and in the College Hill neighborhood within the City of Cincinnati.

Purpose: The purpose of this project is to remediate water-in-basement problems and provide area sewer separation.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$202,000						$202,000	Dec-2005
Land								$0	
Construction	Jan-2006		$254,000					$254,000	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$202,000	$254,000	$0	$0	$0	$0	$456,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$202,000	$254,000					$456,000	$456,000
Matching Funds								$0	$0
Total	$0	$202,000	$254,000	$0	$0	$0	$0	$456,000	$456,000

WIB Prevention Program

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 14

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for a County-wide program to alleviate chronically affected (two or more incidents in five years) water-in-basement (WIB) problems.

Purpose: The purpose of this project is to eliminate water-in-basement problems in Hamilton County.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2007			$7,500,000				$7,500,000	Dec-2007
Land								$0	
Construction	Jan-2005	$7,500,000	$7,500,000		$7,500,000	$7,500,000		$30,000,000	Dec-2009
Equipment								$0	
Other								$0	
Total City Funds		$7,500,000	$7,500,000	$7,500,000	$7,500,000	$7,500,000	$0	$37,500,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$7,500,000	$7,500,000	$7,500,000	$7,500,000	$7,500,000		$37,500,000	$37,500,000
Matching Funds								$0	$0
Total	$0	$7,500,000	$7,500,000	$7,500,000	$7,500,000	$7,500,000	$0	$37,500,000	$37,500,000

WWC Maintenance Building Upgrade

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 16

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Hartwell

Description: This project would provide funding for the upgrade of the Metropolitan Sewer District (MSD) Wastewater Collections Maintenance building located in the Hartwell neighborhood within the City of Cincinnati.

Purpose: The purpose of this project is to upgrade the existing maintenance building.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$59,000						$59,000	Dec-2005
Land								$0	
Construction	Jan-2006		$580,000					$580,000	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$59,000	$580,000	$0	$0	$0	$0	$639,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$59,000	$580,000					$639,000	$639,000
Matching Funds								$0	$0
Total	$0	$59,000	$580,000	$0	$0	$0	$0	$639,000	$639,000

Mill Creek WWTP Coarse Bar Screens

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 19

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Lower Price Hill

Description: This project would replace coarse bar screens 3 and 4 at the Mill Creek Treatment Plant in Lower Price Hill in the City of Cincinnati.

Purpose: The existing, mechanically-cleaned coarse bar screens, which protect the raw sewage pumps by removing coarse debris that would interfere with pumping and treatment operations, have exhausted their useful life.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$3,740,000						$3,740,000	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$3,740,000	$0	$0	$0	$0	$0	$3,740,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$	$3,740,000						$3,740,000	$3,740,000
Matching Funds								$0	$0
Total	$0	$3,740,000	$0	$0	$0	$0	$0	$3,740,000	$3,740,000

Polk Run WWTP Expansion Phase 4

Department: 400 Sewers | Project Manager: Jones, S. | Neighborhood: Systemwide

Agency: 420 Wastewater Engineering | Fund: MSD Capital Improvements

Dept. Priority: 22 | Category: Infrastructure (Smale Comm'n.)

Description: This project would provide funding for various improvements at the Polk Run Waste Water Treatment Plant at 9744 E. Kemper Road located in Symmes Township.

Purpose: The fourth phase of the Polk Run Waste Water Treatment Plant upgrades would include improvements to the secondary treatment aeration tanks, waste sludge holding tanks, sludge truck loading facilities, and the plant's treatment process monitoring and data logging Supervisory Control and Data Acquisition (SCADA) systems.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$7,195,000						$7,195,000	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$7,195,000	$0	$0	$0	$0	$0	$7,195,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$7,195,000						$7,195,000	$7,195,000
Matching Funds								$0	$0
Total	$0	$7,195,000	$0	$0	$0	$0	$0	$7,195,000	$7,195,000

Trenchless Technology Manhole Repair

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 25

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for miscellaneous sewer rehabilitation work throughout Hamilton County using trenchless technology.

Purpose: This project would use an innovative sewer technique, internal lining, to provide a cost effective method of rehabilitating deteriorated manholes.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000		$5,000,000	Dec-2009
Equipment								$0	
Other								$0	
Total City Funds		$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$0	$5,000,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000		$5,000,000	$6,000,000
Matching Funds								$0	$0
Total	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$0	$5,000,000	$6,000,000

Sewer 161 Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 26

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the replacement of approximately 6,500 feet of severely deteriorated 21 and 30 inch sanitary sewer from Compton Road, approximately 1,000 feet east of its intersection with Daly Road, to the Daly Road Vortex Separator located in Springfield Township.

Purpose: This project would replace severely deteriorated sewer and mitigate basement flooding.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$480,000						$480,000	Dec-2005
Land	Jan-2006		$400,000					$400,000	Dec-2006
Construction	Jan-2008				$3,766,000			$3,766,000	Dec-2008
Equipment								$0	
Other								$0	
Total City Funds		$480,000	$400,000	$0	$3,766,000	$0	$0	$4,646,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$480,000	$400,000		$3,766,000			$4,646,000	$4,646,000
Matching Funds								$0	$0
Total	$0	$480,000	$400,000	$0	$3,766,000	$0	$0	$4,646,000	$4,646,000

Diamond Oaks/Regency Ridge/Windmere

Department: 400 Sewers | Project Manager: Jones, S. | Neighborhood: Systemwide

Agency: 420 Wastewater Engineering | Fund: MSD Capital Improvements

Dept. Priority: 28 | Category: Infrastructure (Smale Comm'n.)

Description: This project would provide funding for the Installation of approximately 3,200 feet of 8 inch sanitary sewer to eliminate the Diamond Oaks, Regency Ridge, and Windmere 3rd Pump Stations located in Green Township.

Purpose: The purpose of this project is to eliminate maintenance costs at three pump stations.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$327,000						$327,000	Dec-2005
Land								$0	
Construction	Jan-2007			$736,700				$736,700	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$327,000	$0	$736,700	$0	$0	$0	$1,063,700	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$327,000		$736,700				$1,063,700	$1,063,700
Matching Funds								$0	$0
Total	$0	$327,000	$0	$736,700	$0	$0	$0	$1,063,700	$1,063,700

Anthony Wayne Diversion Chamber

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 30

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Hartwell

Description: This project would involve the construction of a new diversion chamber from the Mill Creek Interceptor to the Auxiliary Mill Creek Interceptor. This project is located on Anthony Wayne Avenue in the Hartwell neighborhood within the City of Cincinnati.

Purpose: This project would allow complete dry weather diversion of the Mill Creek Interceptor to the Auxiliary Mill Creek Interceptor for maintenance and inspection, and would add flexibility to the system.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$1,031,000						$1,031,000	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$1,031,000	$0	$0	$0	$0	$0	$1,031,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$	$1,031,000						$1,031,000	$1,031,000
Matching Funds								$0	$0
Total	$0	$1,031,000	$0	$0	$0	$0	$0	$1,031,000	$1,031,000

Trenchless Technology Sewer Rehab.

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 35

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide miscellaneous sewer rehabilitation work throughout Hamilton County using trenchless technology.

Purpose: This project would use an innovative sewer technique (internal lining) to provide a cost effective method of optimizing the wastewater collection system by rehabilitating deteriorated sewers (including some manholes), while improving the hydraulic performance of the sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$6,000,000	$6,000,000	$6,000,000	$6,000,000	$6,000,000		$30,000,000	Dec-2009
Equipment								$0	
Other								$0	
Total City Funds		$6,000,000	$6,000,000	$6,000,000	$6,000,000	$6,000,000	$0	$30,000,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$6,000,000	$6,000,000	$6,000,000	$6,000,000	$6,000,000	$6,000,000		$30,000,000	$36,000,000
Matching Funds								$0	$0
Total	$6,000,000	$6,000,000	$6,000,000	$6,000,000	$6,000,000	$6,000,000	$0	$30,000,000	$36,000,000

Emergency Sewer Repairs

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 36

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funds for emergency sewer contracts throughout the Metropolitan Sewer District (MSD) system.

Purpose: This project is proposed to enable MSD to respond to sewer emergencies which require immediate attention to preserve the public health and welfare.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000		$15,000,000	Dec-2009
Equipment								$0	
Other								$0	
Total City Funds		$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$0	$15,000,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000		$15,000,000	$18,000,000
Matching Funds								$0	$0
Total	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$0	$15,000,000	$18,000,000

Shotcrete-Large Sewer Repair

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 37

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the rehabilitation of large diameter sewers at various locations within MSD.

Purpose: The purpose of this project is to prevent the collapse of certain large-diameter sewers and to prevent damage to private and public property.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$500,000	$500,000	$500,000	$500,000	$500,000		$2,500,000	Dec-2009
Equipment								$0	
Other								$0	
Total City Funds		$500,000	$500,000	$500,000	$500,000	$500,000	$0	$2,500,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000		$2,500,000	$3,000,000
Matching Funds								$0	$0
Total	$500,000	$500,000	$500,000	$500,000	$500,000	$500,000	$0	$2,500,000	$3,000,000

Little Miami WWTP Liquid Solid Treatment

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 38

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: East End

Description: This project would provide funding for a study to develop recommendations to upgrade the Little Miami Wastewater Treatment Plant located in the East End neighborhood within the City of Cincinnati.

Purpose: The purpose of this project is to provide recommendations related to improvements at the Little Miami Waste Water Treatment Plant.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$700,000						$700,000	Dec-2005
Land								$0	
Construction								$0	
Equipment								$0	
Other								$0	
Total City Funds		$700,000	$0	$0	$0	$0	$0	$700,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$700,000						$700,000	$700,000
Matching Funds								$0	$0
Total	$0	$700,000	$0	$0	$0	$0	$0	$700,000	$700,000

Mill Creek WWTP Prelim. & Primary Grit

Department: 400 Sewers | Project Manager: Jones, S. | Neighborhood: Lower Price Hill

Agency: 420 Wastewater Engineering | Fund: MSD Capital Improvements

Dept. Priority: 39 | Category: Infrastructure (Smale Comm'n.)

Description: This project would provide funding for the rehabilitation of the grit removal and primary grit removal processes at the Mill Creek Waste Water Treatment Plant located in the Lower Price Hill neighborhood within the City of Cincinnati.

Purpose: Grit causes equipment to wear out sooner than expected. Capturing grit extends the useful life of downstream processes.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$1,100,000						$1,100,000	Dec-2005
Land								$0	
Construction	Jan-2007			$6,168,000				$6,168,000	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$1,100,000	$0	$6,168,000	$0	$0	$0	$7,268,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$1,100,000		$6,168,000				$7,268,000	$7,268,000
Matching Funds								$0	$0
Total	$0	$1,100,000	$0	$6,168,000	$0	$0	$0	$7,268,000	$7,268,000

Greenridge PS Upgrade

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 40

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the upgrade of the Greenridge Pump Station located in Colerain Township.

Purpose: The Greenridge Pump Station is at end of its useful service life.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$533,000						$533,000	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$533,000	$0	$0	$0	$0	$0	$533,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$533,000						$533,000	$533,000
Matching Funds								$0	$0
Total	$0	$533,000	$0	$0	$0	$0	$0	$533,000	$533,000

Berkley Woods PS Elimination

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 42

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the installation of 1,745 feet of 12 inch sanitary sewer to eliminate the Berkley Woods Pump Station located in Anderson Township.

Purpose: The purpose of this project is to eliminate a deteriorated pump station in Anderson Township.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$255,000						$255,000	Dec-2005
Land								$0	
Construction	Jan-2006		$421,000					$421,000	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$255,000	$421,000	$0	$0	$0	$0	$676,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$255,000	$421,000					$676,000	$676,000
Matching Funds								$0	$0
Total	$0	$255,000	$421,000	$0	$0	$0	$0	$676,000	$676,000

Assessments

Department: 400 Sewers | Project Manager: Jones, S. | Neighborhood: Systemwide

Agency: 420 Wastewater Engineering | Fund: MSD Capital Improvements

Dept. Priority: 44 | Category: Infrastructure (Smale Comm'n.)

Description: The project would improve the water quality in areas associated with a number of existing single-family residences, in the Metropolitan Sewer District (MSD) jurisdiction, that is served by on-site treatment systems. This project would potentially provide up to a $5,300 credit per single-family residence to defray assessment costs for providing local sanitary sewer service.

Purpose: The project would improve the water quality in areas associated with a number of existing single-family residences in the MSD jurisdiction that are served by on-site treatment systems.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000		$12,500,000	Dec-2009
Equipment								$0	
Other								$0	
Total City Funds		$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$0	$12,500,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000		$12,500,000	$15,000,000
Matching Funds								$0	$0
Total	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$2,500,000	$0	$12,500,000	$15,000,000

Eastern/Delta Sewer Separation Phase 1

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 45

Project Manager: Jones, S
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: East End

Description: This project consists of installing approximately 5,500 feet of 36 inch trunk sewer from Eastern and Stanley Avenues to the Little Miami Wastewater Treatment Plant in the East End in the City of Cincinnati.

Purpose: This project would eliminate combined sewer overflows #467, #467A, and #657. Combined sewer overflows #468 and #469 would be relocated to provide high water/dry weather protection. This project would also support future development.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$14,470,900						$14,470,900	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$14,470,900	$0	$0	$0	$0	$0	$14,470,900	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$14,470,900						$14,470,900	$14,470,900
Matching Funds								$0	$0
Total	$0	$14,470,900	$0	$0	$0	$0	$0	$14,470,900	$14,470,900

CSO 86 Relocation

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 46

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Linwood

Description: This project consists of relocating combined sewer overflow #86 in the Linwood neighborhood within the City of Cincinnati.

Purpose: This project would improve water quality by providing separation of sewers.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$219,500						$219,500	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$219,500	$0	$0	$0	$0	$0	$219,500	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$	$219,500						$219,500	$219,500
Matching Funds								$0	$0
Total	$0	$219,500	$0	$0	$0	$0	$0	$219,500	$219,500

Millbrook No. 1 PS Upgrade

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 47

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the replacement of 400 feet of 4 inch and 6 inch force main, and replace and upgrade the existing Millbrook No. 1 Pump Station located in Springfield Township.

Purpose: The purpose of this project is to upgrade the Millbrook pump station.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$55,000						$55,000	Dec-2005
Land								$0	
Construction	Jan-2006		$638,000					$638,000	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$55,000	$638,000	$0	$0	$0	$0	$693,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$55,000	$638,000					$693,000	$693,000
Matching Funds								$0	$0
Total	$0	$55,000	$638,000	$0	$0	$0	$0	$693,000	$693,000

National Distilleries Sewer Separation

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 48

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Carthage

Description: This project consists of the replacement of approximately 440 feet of 12 inch sewer beginning west of I-75 and south of the Mill Creek to the National Distilleries building to the west. National Distilleries would provide for the separation of sanitary and storm flows within its building. The project is located in the Carthage neighborhood within the City of Cincinnati.

Purpose: This project would eliminate combined sewer overflow #491 and relocate sections of collapsed sewer near the Mill Creek slide area to a safe location.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$109,000						$109,000	Dec-2005
Land								$0	
Construction	Jan-2006		$115,500					$115,500	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$109,000	$115,500	$0	$0	$0	$0	$224,500	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$109,000	$115,500					$224,500	$224,500
Matching Funds								$0	$0
Total	$0	$109,000	$115,500	$0	$0	$0	$0	$224,500	$224,500

Palisades Park PS Elimination

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 49

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the installation of 3,374 feet of 8 inch sanitary sewer, which would eliminate Palisades Park Pump Stations 1 and 2 located in Delhi Township.

Purpose: The purpose of this project is to eliminate two deteriorated pump stations.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$230,000						$230,000	Dec-2005
Land								$0	
Construction	Jan-2006		$612,000					$612,000	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$230,000	$612,000	$0	$0	$0	$0	$842,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$230,000	$612,000					$842,000	$842,000
Matching Funds								$0	$0
Total	$0	$230,000	$612,000	$0	$0	$0	$0	$842,000	$842,000

Glenwood Avenue Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 50

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Avondale

Description: This project would provide funding for the replacement of 210 feet of severely deteriorated sanitary sewer in north side of Glenwood Avenue, east of Reading Road in the Avondale neighborhood within the City of Cincinnati.

Purpose: The purpose of this project is to replace a severely deteriorated sanitary sewer in the Avondale neighborhood.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$46,000						$46,000	Dec-2005
Land								$0	
Construction	Jan-2007			$116,000				$116,000	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$46,000	$0	$116,000	$0	$0	$0	$162,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$46,000		$116,000				$162,000	$162,000
Matching Funds								$0	$0
Total	$0	$46,000	$0	$116,000	$0	$0	$0	$162,000	$162,000

Sunnybrook Drive Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 51

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the lining of 525 feet and replacement of 425 feet of 12 inch sanitary sewer on Sunnybrook Drive located in the City of Reading and in Amberley Village.

Purpose: The purpose of this project is to line and replace a severely deteriorated sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$50,000						$50,000	Dec-2005
Land								$0	
Construction	Jan-2006		$293,000					$293,000	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$50,000	$293,000	$0	$0	$0	$0	$343,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$50,000	$293,000					$343,000	$343,000
Matching Funds								$0	$0
Total	$0	$50,000	$293,000	$0	$0	$0	$0	$343,000	$343,000

Losantiville Ave and Schubert Ave Sewer

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 52

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Pleasant Ridge

Description: This project would provide funding for the replacement of 525 feet of severely deteriorated 8 and 10 inch sewer crossing Losantiville Avenue at Schubert Avenue in the Pleasant Ridge neighborhood within the City of Cincinnati.

Purpose: The purpose of this project is to replace a severely deteriorated sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$38,000						$38,000	Dec-2005
Land								$0	
Construction	Jan-2007			$172,000				$172,000	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$38,000	$0	$172,000	$0	$0	$0	$210,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$38,000		$172,000				$210,000	$210,000
Matching Funds								$0	$0
Total	$0	$38,000	$0	$172,000	$0	$0	$0	$210,000	$210,000

Aster Place Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 53

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: College Hill

Description: This project would provide funding for the replacement of 200 feet of deteriorated sanitary sewer on Aster Place from the intersection with Hamilton Avenue eastward. This project is located in the College Hill neighborhood within the city of Cincinnati.

Purpose: The purpose of this project is to replace a deteriorated sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$16,000						$16,000	Dec-2005
Land								$0	
Construction	Jan-2005	$86,000						$86,000	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$102,000	$0	$0	$0	$0	$0	$102,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$102,000						$102,000	$102,000
Matching Funds								$0	$0
Total	$0	$102,000	$0	$0	$0	$0	$0	$102,000	$102,000

Rhode Island Ave and Dale Road Sewer

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 54

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Bond Hill

Description: This project would provide funding for the replacement of 350 feet of deteriorated 8 inch sanitary sewer on Dale Road, 60 feet west of intersection with Rhode Island Avenue to 290 feet north of the intersection on Rhode Island Avenue located in the City of Norwood and in the Bond Hill neighborhood within the City of Cincinnati.

Purpose: The purpose of this project is to replace a deteriorated sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$18,000						$18,000	Dec-2005
Land								$0	
Construction	Jan-2006		$114,000					$114,000	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$18,000	$114,000	$0	$0	$0	$0	$132,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$18,000	$114,000					$132,000	$132,000
Matching Funds								$0	$0
Total	$0	$18,000	$114,000	$0	$0	$0	$0	$132,000	$132,000

Harwinton Lane Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 55

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the replacement of approximately 2,000 feet of severely deteriorated 12 inch sanitary sewer from Harborside Drive to Lawrence Road in Green Township.

Purpose: The purpose of this project is to replace a severely deteriorated sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$220,000						$220,000	Dec-2005
Land								$0	
Construction	Jan-2007			$850,500				$850,500	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$220,000	$0	$850,500	$0	$0	$0	$1,070,500	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$220,000		$850,500				$1,070,500	$1,070,500
Matching Funds								$0	$0
Total	$0	$220,000	$0	$850,500	$0	$0	$0	$1,070,500	$1,070,500

Canyon Drive Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 56

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Avondale

Description: This project consists of the replacement of approximately 670 feet of combined sewer from the intersection of Glenwood Avenue and Canyon Drive west along Canyon Drive. This project is located in the Avondale neighborhood within the City of Cincinnati.

Purpose: This project would replace collapsing/deteriorating sewer pipe. During heavy rains, residences on Canyon Drive have regularly experienced sewage backups. Through closed-circuit television inspection, several sections of combined sewer were identified as constricting flow.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$153,200						$153,200	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$153,200	$0	$0	$0	$0	$0	$153,200	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$	$153,200						$153,200	$153,200
Matching Funds								$0	$0
Total	$0	$153,200	$0	$0	$0	$0	$0	$153,200	$153,200

Sycamore WWTP Phase 4

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 57

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project consists of the construction of a secondary clarifier, a mixed liquid flow splitter, modifications to an existing secondary clarifier, and other modifications at the Sycamore Waste Water Treatment Plant in Symmes Township.

Purpose: This is the final phase in a 4-phase improvement of the Sycamore Wastewater Treatment Plant to install wet weather treatment facilities and improve the operating characteristics of the plant.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$266,000						$266,000	Dec-2005
Land								$0	
Construction	Jan-2007			$1,171,000				$1,171,000	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$266,000	$0	$1,171,000	$0	$0	$0	$1,437,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$266,000		$1,171,000				$1,437,000	$1,437,000
Matching Funds								$0	$0
Total	$0	$266,000	$0	$1,171,000	$0	$0	$0	$1,437,000	$1,437,000

1852 Columbia Parkway Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 58

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: East End

Description: This project would provide funding for the replacement of 2,200 feet of 36, 48 and 60 inch combined sewer from Eastern Avenue to 2320 Victory Parkway. This project is located in the East End and East Walnut Hills neighborhoods within the City of Cincinnati.

Purpose: The purpose of this project is to replace a deteriorated sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$50,000	$490,000					$540,000	Dec-2006
Land								$0	
Construction	Jan-2008				$1,818,000			$1,818,000	Dec-2008
Equipment								$0	
Other								$0	
Total City Funds		$50,000	$490,000	$0	$1,818,000	$0	$0	$2,358,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$50,000	$490,000		$1,818,000			$2,358,000	$2,358,000
Matching Funds								$0	$0
Total	$0	$50,000	$490,000	$0	$1,818,000	$0	$0	$2,358,000	$2,358,000

Mt. St. Joseph Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 63

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project would provide funding for the replacement of approximately 1,500 feet of severely deteriorated sewer near Mt. St. Joseph University in Delhi Township.

Purpose: The purpose of this project is to replace a deteriorated sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$65,500						$65,500	Dec-2005
Land								$0	
Construction	Jan-2007			$345,500				$345,500	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$65,500	$0	$345,500	$0	$0	$0	$411,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$65,500		$345,500				$411,000	$411,000
Matching Funds								$0	$0
Total	$0	$65,500	$0	$345,500	$0	$0	$0	$411,000	$411,000

Rutledge Avenue Area Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 65

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: West Price Hill

Description: This project would provide funding for the replacement of approximately 650 feet of deteriorated 18 and 20 inch combined sewer in an area bounded by Rutledge Avenue on the east, Kreis Lane on the west, and St. Lawrence Avenue on the north. This project is located in the West Price Hill neighborhood within the City of Cincinnati.

Purpose: The purpose of this project is to replace a deteriorated sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$154,000						$154,000	Dec-2005
Land								$0	
Construction	Jan-2007			$316,000				$316,000	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$154,000	$0	$316,000	$0	$0	$0	$470,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$154,000		$316,000				$470,000	$470,000
Matching Funds								$0	$0
Total	$0	$154,000	$0	$316,000	$0	$0	$0	$470,000	$470,000

Montgomery Ave and Lester Ave Area Sewer

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 66

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Pleasant Ridge

Description: This project would provide funding to replace 3,230 feet of severely deteriorated 15 inch sanitary sewer from intersection of Lester Road and Marryat Avenue, along the existing railroad to the east side of Montgomery Road, approximately 290 feet from its intersection with Lawndale Avenue. This project is located in the Pleasant Ridge neighborhood within the City of Cincinnati.

Purpose: The purpose of this project is to replace a deteriorated sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$354,000						$354,000	Dec-2005
Land								$0	
Construction	Jan-2007			$1,496,000				$1,496,000	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$354,000	$0	$1,496,000	$0	$0	$0	$1,850,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$354,000		$1,496,000				$1,850,000	$1,850,000
Matching Funds								$0	$0
Total	$0	$354,000	$0	$1,496,000	$0	$0	$0	$1,850,000	$1,850,000

Cornelia Ave Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 67

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Carthage

Description: This project would provide funding for the replacement of 704 feet of deteriorated 8 inch sanitary sewer on West North Bend Road and on Cornelia Avenue in the Carthage neighborhood within the City of Cincinnati.

Purpose: The purpose of this project is to replace a deteriorated sewer and eliminate severe ponding.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$28,000						$28,000	Dec-2005
Land								$0	
Construction	Jan-2006		$196,000					$196,000	Dec-2006
Equipment								$0	
Other								$0	
Total City Funds		$28,000	$196,000	$0	$0	$0	$0	$224,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$28,000	$196,000					$224,000	$224,000
Matching Funds								$0	$0
Total	$0	$28,000	$196,000	$0	$0	$0	$0	$224,000	$224,000

Arrow St WWTP/N. Bend PS

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 68

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Systemwide

Description: This project consists of installing a new sanitary sewer to eliminate the Arrow Street Waste Water Treatment Plant and the North Bend Crossing Pump Station.

Purpose: This project would eliminate a wastewater treatment plant and a pump station that no longer meet OEPA requirements.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering								$0	
Land								$0	
Construction	Jan-2005	$1,725,300						$1,725,300	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$1,725,300	$0	$0	$0	$0	$0	$1,725,300	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds	$	$1,725,300						$1,725,300	$1,725,300
Matching Funds								$0	$0
Total	$0	$1,725,300	$0	$0	$0	$0	$0	$1,725,300	$1,725,300

Mockingbird Lane Sewer Replacement

Department: 400 Sewers | Project Manager: Jones, S. | Neighborhood: Systemwide

Agency: 420 Wastewater Engineering | Fund: MSD Capital Improvements

Dept. Priority: 69 | Category: Infrastructure (Smale Comm'n.)

Description: This project would provide funding for the replacement of 200 feet of deteriorated 12 inch sanitary sewer on Mockingbird Lane from intersection with Cottonwood Drive northward. This project is located in Springfield Township.

Purpose: The purpose of this project is to replace a deteriorated, bellied sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$18,000						$18,000	Dec-2005
Land								$0	
Construction	Jan-2005	$106,000						$106,000	Dec-2005
Equipment								$0	
Other								$0	
Total City Funds		$124,000	$0	$0	$0	$0	$0	$124,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$124,000						$124,000	$124,000
Matching Funds								$0	$0
Total	$0	$124,000	$0	$0	$0	$0	$0	$124,000	$124,000

Eastern/Delta Swr. Sep. Ph 3

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 70

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: East End

Description: This project consists of installing a trunk sewer and separation sewers.

Purpose: This project would allow for the future elimination of combined sewer overflows and the Delta Avenue Station.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$862,000						$862,000	Dec-2005
Land								$0	
Construction	Jan-2007			$7,352,000				$7,352,000	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$862,000	$0	$7,352,000	$0	$0	$0	$8,214,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$862,000		$7,352,000				$8,214,000	$8,214,000
Matching Funds								$0	$0
Total	$0	$862,000	$0	$7,352,000	$0	$0	$0	$8,214,000	$8,214,000

Harvey Avenue Sewer Replacement

Department: 400 Sewers
Agency: 420 Wastewater Engineering
Dept. Priority: 72

Project Manager: Jones, S.
Fund: MSD Capital Improvements
Category: Infrastructure (Smale Comm'n.)

Neighborhood: Avondale

Description: This project would provide funding for the replacement of approximately 250 feet of deteriorated 18 inch combined sewer in an area on the north side of Harvey Avenue between Glenwood Avenue and Alaska Avenue located in the Avondale neighborhood within the city of Cincinnati.

Purpose: The purpose of this project is to replace a severely deteriorated sewer.

Phases	Start Date	2005	2006	2007	2008	2009	2010	2005-2010 Total	End Date
Engineering	Jan-2005	$51,000						$51,000	Dec-2005
Land								$0	
Construction	Jan-2007			$140,000				$140,000	Dec-2007
Equipment								$0	
Other								$0	
Total City Funds		$51,000	$0	$140,000	$0	$0	$0	$191,000	

Budget	Prior Year	2005	2006	2007	2008	2009	2010	2005-2010 Total	Project Total
City Funds		$51,000		$140,000				$191,000	$191,000
Matching Funds								$0	$0
Total	$0	$51,000	$0	$140,000	$0	$0	$0	$191,000	$191,000